

Comune di Grottazzolina

Provincia di Fermo

INTERVENTO DI REALIZZAZIONE ACCESSO VERTICALE ZONA CASTELLO

5

ELABORATI DI PROGETTO

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RELAZIONE TECNICO - ILLUSTRATIVA

1. Descrizione generale dell'opera

L'amministrazione comunale di Grottazzolina, volendo procedere al miglioramento dell'accessibilità al nucleo insediativo più antico del paese denominato "Castello", ha commissionato il progetto di un ascensore pubblico per superare il dislivello fra via Roma ed il soprastante vicolo Mecozzi. L'accesso verticale al Castello è risolto con un vano di risalita a pianta quadrangolare di dimensioni esterne (comprensive dell'involucro) $L_1 \times L_2 = 280 \times 266$ m ed un'altezza massima $H = 13,43$ m (comprensiva della copertura).

La struttura portante del vano ascensore, fino alla quota di + 10,67 m, è costituita da un nucleo in calcestruzzo armato dello spessore di 25 cm, alla quale sul lato esterno sono ancorati profilati di acciaio zincati a caldo e verniciati, necessari per sostenere il diaframma ligneo che si svolge perimetralmente. La fossa del vano ascensore delle dimensioni planimetriche esterne pari a 2,45 x 2,29 m e di altezza interna pari a circa 1,20 m, rispetto alla quota di calpestio esterna, ha pareti perimetrali in calcestruzzo armato dello spessore di 25 cm e una soletta di base dello spessore di 50 cm. La soletta poggia su pali in calcestruzzo armato del diametro di 60 cm e lunghezza di 6,00 m.

Dalla quota del parapetto del piano di sbarco, a + 10,67 m, fino alla quota della copertura, il vano corsa è costituito da un involucro vetrato. Questo, costituito da lastre di vetro stratificato di 8 + 8 mm con interposto PVB da 2,28 mm, è sostenuto, tramite articolazioni in acciaio inox, da una struttura intelaiata costituita da n. 8 montanti scatolari in acciaio di sezione quadrangolare (120 x 120 x 8 mm) zincati a caldo e verniciati collocati lungo i quattro lati e da n. 4 tubolari in acciaio (del diametro 159 mm e dello spessore di 8 mm) zincati a caldo e verniciati, collocati agli angoli, ed ancorati al nucleo ascensore in calcestruzzo, così come riportato negli elaborati grafici di progetto.

La copertura piana è retta da una struttura costituita da profilati IPE 120 e HEA 160 in acciaio zincati a caldo e verniciati.

La passerella in acciaio è costituita da n. 2 profilati in acciaio IPE 220, zincati a caldo e verniciati, ancorati, da un lato, al nucleo in c.a. del vano corsa per mezzo di piastre metalliche terminali e tirafondi costituiti da barre filettate, dall'altro, saldati ciascuno ad una piastra basale di acciaio collocata entro un alloggiamento ricavati alla base del parapetto in muratura di mattoni del vicolo, che in quel punto viene demolito per consentire il passaggio pedonale e lo sbarco su vicolo Mecozzi. I due profilati disposti parallelamente all'asse longitudinale della passerella sono collegati da n. 5 profilati in acciaio HEA 100 zincati a caldo e verniciati, posti ad un interasse di 65 cm circa.

Il piano di calpestio della passerella è costituito da doghe di legno ipé dello spessore di 2,7 cm, di larghezza minima di 15 cm (secondo indicazioni del D.L.) e della lunghezza minima pari a n. 2 interassi = 130 cm, fissate, mediante viti, sugli stessi profilati di acciaio HEA 100 sopra descritti. Il parapetto è sostenuto da montanti, saldati ai profilati IPE 220, costituiti da n. 8 profilati in acciaio con profilo a “T” (100 x 100 x 11 mm), e da n. 4 profilati ad “L” (100 x 65 x 11 mm), anch’essi zincati a caldo e verniciati, che sul lato interno reggono lastre di vetro temperato stratificato e sul lato esterno lamelle di legno ipé equidistanti e montate come quelle disposte “di piatto orizzontale” nel diaframma del vano corsa.

Per ogni ulteriore dettaglio si rimanda agli elaborati tecnici e grafici allegati.

2. Determinazione dell’azione sismica

Per la determinazione dell’azione sismica con cui progettare la costruzione occorre individuare il tipo di costruzione, la vita nominale, la classe d’uso ed il periodo di riferimento.

La costruzione rientra nel “Tipo 2”: “Opere ordinarie, ponti, opere infrastrutturali e dighe di dimensioni contenute o di importanza normale”. Da questo deriva una Vita Nominale $V_n \geq 50$ anni. La costruzione non ricade nel “Tipo 3” in quanto non è né di grandi dimensioni né di importanza strategica.

La Classe d’Uso è la II: “Costruzioni il cui uso preveda normali affollamenti, senza contenuti pericolosi per l’ambiente e senza funzioni pubbliche e sociali essenziali”. La costruzione non rientra in classe III in quanto l’affollamento previsto non è significativo (portata massima dell’ascensore = 8 persone) né l’interruzione del servizio sarebbe causa di situazioni di emergenza.

Ne deriva che il periodo di riferimento V_r coincide con V_n .

Da questi dati si ottiene che la pericolosità sismica di base dell’area di progetto, espressa in termini di accelerazione orizzontale massima del terreno “ag” per lo SLV con tempo di ritorno 475 anni, è pari ad $a_g = 0,176g$.

3. Relazione sulla modellazione e di calcolo

Il progetto e le verifiche delle sezioni sono stati effettuati secondo il metodo degli “stati limite”.

I calcoli sono stati effettuati modellando la struttura agli elementi finiti, con uso di elementi bidimensionali (piastre) ed elementi monodimensionali mediante l’utilizzo di apposito software.

Le sollecitazioni provocate dalle azioni sismiche sono state valutate mediante una analisi dinamica lineare utilizzando gli spettri previsti dalla normativa vigente.

In sede di dimensionamento e di verifica degli elementi resistenti, sono stati previsti i carichi e i sovraccarichi in condizione di normale funzionamento e nelle condizioni di massima sollecitazione,

compresi gli effetti sismici che sono assegnati agli elementi resistenti in maniera automatica, in base alle masse sismiche, dal codice di calcolo impiegato, in conformità a quanto previsto dalla normativa vigente; nei tabulati di calcolo sono riportate, per tutti gli elementi strutturali, le azioni, suddivise per le varie condizioni di carico e tutte le combinazioni di carico utilizzate per le verifiche strutturali, nonché i risultati delle verifiche con i relativi coefficienti di sicurezza, secondo quanto previsto dalla vigente normativa.

I carichi in base ai quali sono state calcolate le varie parti delle strutture delle opere in oggetto sono quelli indicati dalle Norme Tecniche D.M. 14 Gennaio 2008, e cioè:

CARICHI PERMANENTI

1. Peso proprio calcestruzzo	2500 Kg/mc
2. Peso proprio profilati di acciaio	7850 Kg/mc
3. Peso proprio lastre di vetro	2500 Kg/mc
4. Peso proprio lamelle di legno ipé	1000 Kg/mc

CARICHI VARIABILI

1. Sovraccarico solaio copertura	82 Kg/mq
2. Sovraccarico Passerella	400 Kg/mq

L'analisi dei carichi è riportata nei tabulati di calcolo.

4. Normative di riferimento

Il progetto viene redatto nel rispetto delle Norme contenute in

- Legge n. 1086 del 5 novembre 1971.
- Legge n. 64 del 2 febbraio 1974.
- D.Lgs. 06/06/2001 n. 380 'Testo Unico per l'Edilizia'
- D.M. Infrastrutture 14/01/2008 'Norme Tecniche per le Costruzioni'
- Circolare 02/02/2009 n.617/C.S.LL.PP.
- Norme UNI e CNR riguardanti il vetro strutturale

Le verifiche strutturali e l'esecuzione pratica dei singoli elementi strutturali vengono eseguite in conformità a quanto previsto nel D.M. 14/01/2008 'Norme Tecniche per le Costruzioni'.

5. Criteri per la misura della sicurezza

La sicurezza della struttura viene misurata, secondo quanto riportato nel D.M. 14/01/2008 ‘Norme Tecniche per le Costruzioni’, utilizzando il “metodo dei coefficienti parziali” (§2.3) e verificando che la resistenza di ogni elemento strutturale sia superiore agli effetti indotti su di esso dalle azioni di calcolo.

Le verifiche sono state condotte considerando gli stati limite ultimi e di esercizio secondo la normativa vigente.

Nel calcolo sono state considerate le azioni previste dalla normativa vigente, combinate tra di loro così come indicato dalla normativa stessa (NTC2008 par. 2.5.2 e 2.5.3).

I valori relativi alle azioni e quelli di combinazione considerati sono riportati nelle allegate relazioni di calcolo.

6. Affidabilità dei risultati

I risultati ottenuti si ritengono attendibili in quanto confrontabili con quelli derivanti da software di comprovata validità.

RELAZIONE SUI MATERIALI

Riferimenti: D.M. 14.01.2008, par. 11.2;
UNI ENV 13670-1:2001;
Linee Guida per la messa in opera del calcestruzzo strutturale e per la valutazione delle caratteristiche meccaniche del calcestruzzo pubblicate dal Servizio Tecnico Centrale del Consiglio Superiore dei Lavori Pubblici;
UNI EN 206-1/2006;
UNI 11104.

Tipologia strutturale:	Fondazioni
Classe di resistenza necessaria ai fini statici:	30 N/mm ² (300 daN/cm ²)
Condizioni ambientali:	Strutture completamente interrate in terreno permeabile.
Classe di esposizione:	XC2
Rapporto acqua/cemento max:	0.55
Classe di consistenza:	S4
Diametro massimo aggregati:	20 mm

Tipologia strutturale:	Elevazione
Classe di resistenza necessaria ai fini statici:	30 N/mm ² (300 daN/cm ²)
Condizioni ambientali:	Strutture fuori terra
Classe di esposizione:	XC1
Rapporto acqua/cemento max:	0.55
Classe di consistenza:	S4
Diametro massimo aggregati:	16 mm

Dosatura dei materiali.

La dosatura dei materiali per ottenere Rck 300 (30) è orientativamente la seguente (per m³ d'impasto).

sabbia	0.4 m ³
ghiaia	0.8 m ³
acqua	150 litri
cemento tipo 325	350 kg/m ³

Qualità dei componenti

La sabbia deve essere viva, con grani assortiti in grossezza da 0 a 3 mm, non proveniente da rocce in decomposizione, scricchiolante alla mano, pulita, priva di materie organiche, melmose, terrose e di salsedine.

La ghiaia deve contenere elementi assortiti, di dimensioni fino a 16 mm, resistenti e non gelivi, non friabili, scevri di sostanze estranee, terra e salsedine. Le ghiaie sporche vanno accuratamente lavate. Anche il pietrisco proveniente da rocce compatte, non gessose né gelive, dovrà essere privo di impurità od elementi in decomposizione.

In definitiva gli inerti dovranno essere lavati ed esenti da corpi terrosi ed organici. Non sarà consentito assolutamente il misto di fiume. L'acqua da utilizzare per gli impasti dovrà essere potabile, priva di sali (cloruri e solfuri).

Potranno essere impiegati additivi fluidificanti o superfluidificanti per contenere il rapporto acqua/cemento mantenendo la lavorabilità necessaria.

Prescrizione per inerti

Sabbia viva 0-7 mm, pulita, priva di materie organiche e terrose; sabbia fino a 30 mm (70mm per fondazioni), non geliva, lavata; pietrisco di roccia compatta.

Assortimento granulometrico in composizione compresa tra le curve granulometriche sperimentali:

- passante al vaglio di mm 16 = 100%
- passante al vaglio di mm 8 = 88-60%
- passante al vaglio di mm 4 = 78-36%
- passante al vaglio di mm 2 = 62-21%
- passante al vaglio di mm 1 = 49-12%
- passante al vaglio di mm 0.25 = 18-3%

Prescrizione per il disarmo

Indicativamente: pilastri 3-4 giorni; solette modeste 10-12 giorni; travi, archi 24-25 giorni, mensole 28 giorni.

Per ogni porzione di struttura, il disarmo non può essere eseguito se non previa autorizzazione della Direzione Lavori.

Provini da prelevarsi in cantiere

Un prelievo è costituito da 2 provini: n° 2 cubi di lato 15 cm;

un prelievo ogni 100 mc

$$\sigma_{c28} \geq 3 \cdot \sigma_{c \text{ adm}};$$

$$R_{ck} 28 = R_m - 35 \text{ kg/cm}^2;$$

$$R_{min} > R_{ck} - 35 \text{ kg/cm}^2$$

Parametri caratteristici e tensioni limite per il metodo degli stati limite

Tabella riassuntiva per vari R_{ck}

R_{ck}	f_{ck}	f_{cd}	f_{ctm}	u.m.
250	207.5	117.6	10.5	[kg/cm ²]
300	249.0	141.1	11.9	[kg/cm ²]
350	290.5	164.6	13.3	[kg/cm ²]
400	332.0	188.1	14.5	[kg/cm ²]
450	373.5	211.6	15.7	[kg/cm ²]
500	415.0	235.2	16.8	[kg/cm ²]

R_{ck}	f_{ck}	f_{cd}	f_{ctm}	u.m.
25	20.75	11.75	1.05	[N/mm ²]
30	24.90	14.11	1.19	[N/mm ²]
35	29.05	16.46	1.32	[N/mm ²]
40	33.20	18.81	1.44	[N/mm ²]
45	37.35	21.16	1.56	[N/mm ²]
50	41.50	23.51	1.67	[N/mm ²]

legenda:

- f_{ck} (resistenza cilindrica a compressione);

$$f_{ck} = 0.83 R_{ck};$$

- f_{cd} (resistenza di calcolo a compressione);

$$f_{cd} = \alpha_{cc} \cdot f_{ck} / \gamma_c$$

- f_{ctd} (resistenza di calcolo a trazione);

$$f_{ctd} = f_{ctk} / \gamma_c;$$

$$f_{ctk} = 0.7 \cdot f_{ctm};$$

$$f_{ctm} = 0.30 \cdot f_{ck}^{2/3}$$

$$f_{ctm} = 2.12 \cdot \ln[1 + f_{cm}/10]$$

per classi • C50/60

per classi > C50/60

Valori indicativi di alcune caratteristiche meccaniche dei calcestruzzi impiegati:

Ritiro (valori stimati): 0.25 mm/m (dopo 5 anni, strutture non armate);
0.10 mm/m (strutture armate).

Rigonfiamento in acqua (valori stimati): 0.20 mm/m (dopo 5 anni in strutture armate).

Dilatazione termica: $10 \cdot 10^{-6} \text{ } ^\circ\text{C}^{-1}$.

Viscosità $\varphi = 1.70$.

DURABILITA' DEL CALCESTRUZZO

4.1.2.2.4.3 delle NTC 2008: *Condizioni ambientali*

Le condizioni ambientali, ai fini della protezione contro la corrosione delle armature metalliche, possono essere suddivise in ordinarie, aggressive e molto aggressive in relazione a quanto indicato

nella Tab. 4.1.III con riferimento alle classi di esposizione definite nelle Linee Guida per il calcestruzzo strutturale emesse dal Servizio Tecnico Centrale del Consiglio Superiore dei Lavori Pubblici.

Tabella 4.1.III – *Descrizione delle condizioni ambientali*

CONDIZIONI AMBIENTALI	CLASSE DI ESPOSIZIONE
Ordinarie	X0, XC1, XC2, XC3, XF1
Aggressive	XC4, XD1, XS1, XA1, XA2, XF2, XF3
Molto aggressive	XD2, XD3, XS2, XS3, XA3, XF4

Per le definizioni delle classi di esposizione si rimanda al Prospetto classi di esposizione e composizione **UNI EN 206-1 (uni 11104 marzo 2004)** riportato nelle pagine che seguono.

4.1.2.2.4.4 delle NTC 2008: *Sensibilità delle armature alla corrosione*

Le armature si distinguono in due gruppi:

- armature sensibili;
- armature poco sensibili.

Appartengono al primo gruppo gli acciai da precompresso. Appartengono al secondo gruppo gli acciai ordinari.

Per gli acciai zincati e per quelli inossidabili si può tener conto della loro minor sensibilità alla corrosione.

4.1.2.2.4.5 delle NTC 2008: *Scelta degli stati limite di fessurazione*

Nella Tab. 4.1.IV sono indicati i criteri di scelta dello stato limite di fessurazione con riferimento alle esigenze sopra riportate.

Tabella 4.1.IV – *Criteri di scelta dello stato limite di fessurazione*

Gruppi di esigenze	Condizioni ambientali	Combinazione di azioni	Armatura			
			Sensibile		Poco sensibile	
			Stato limite	w_d	Stato limite	w_d
a	Ordinarie	frequente	ap. fessure	• w_2	ap. fessure	• w_3
		quasi permanente	ap. fessure	• w_1	ap. fessure	• w_2
b	Aggressive	frequente	ap. fessure	• w_1	ap. fessure	• w_2
		quasi permanente	decompressione	-	ap. fessure	• w_1
c	Molto aggressive	frequente	formazione fessure	-	ap. fessure	• w_1
		quasi permanente	decompressione	-	ap. fessure	• w_1

w_1, w_2, w_3 sono definiti al § 4.1.2.2.4.1, il valore di calcolo w_d , è definito al § 4.1.2.2.4.6 delle NTC 2008.

C4.1.6.1.3 della Circolare 617/09: Copriferro e interferro

Con riferimento al §4.1.6.1.3 delle NTC, al fine della protezione delle armature dalla corrosione il valore minimo dello strato di **ricoprimento di calcestruzzo (copriferro)** deve rispettare quanto indicato in Tabella C4.1.IV, nella quale sono distinte le tre condizioni ambientali di Tabella 4.1.IV delle NTC. I valori sono espressi in mm e sono distinti in funzione dell'armatura, barre da c.a. o cavi aderenti da c.a.p. (fili, trecce e trefoli), e del tipo di

elemento, a piastra (solette, pareti,...) o monodimensionale (travi, pilastri,...).

A tali valori di tabella vanno aggiunte le tolleranze di posa, pari a 10 mm o minore, secondo indicazioni di norme di comprovata validità.

I valori della Tabella C4.1.IV si riferiscono a costruzioni con vita nominale di 50 anni (Tipo 2 secondo la Tabella 2.4.I delle NTC). Per costruzioni con vita nominale di 100 anni (Tipo 3 secondo la citata Tabella 2.4.I) i valori della Tabella C4.1.IV vanno aumentati di 10 mm. Per classi di resistenza inferiori a C_{min} i valori della tabella sono da aumentare di 5 mm. Per produzioni di elementi sottoposte a controllo di qualità che preveda anche la verifica dei copriferri, i valori della tabella possono essere ridotti di 5 mm.

Per acciai inossidabili o in caso di adozione di altre misure protettive contro la corrosione e verso i vani interni chiusi di solai alleggeriti (alveolari, predalles, ecc.), i copriferri potranno essere ridotti in base a documentazioni di comprovata validità.

Tabella C4.1.IV Copriferri minimi in mm

			barre da c.a. elementi a piastra		barre da c.a. altri elementi		cavi da c.a.p. elementi a piastra		cavi da c.a.p. altri elementi	
C_{min}	C_o	ambiente	$C \cdot C_o$	$C_{min} \cdot C < C_o$	$C \cdot C_o$	$C_{min} \cdot C < C_o$	$C \cdot C_o$	$C_{min} \cdot C < C$	$C \cdot C_o$	$C_{min} \cdot C < C_o$
C25/30	C35/45	ordinario	15	20	20	25	25	30	30	35
C28/35	C40/50	aggressivo	25	30	30	35	35	40	40	45
C35/45	C45/55	molto ag.	35	40	40	45	45	50	50	50

C_{min} = classe di resistenza minima del calcestruzzo

C_o = classe di resistenza ordinaria del calcestruzzo

PROSPETTO CLASSI DI ESPOSIZIONE E COMPOSIZIONE UNI EN 206-1

(UNI 11104 MARZO 2004)

Denom. della classe	Descrizione dell'ambiente	Esempi informativi di situazioni a cui possono applicarsi le classi di esposizione	UNI 9858	A/C MAX	R'ck min.	Dos. Min. Cem. KG.
X0	Per calcestruzzo privo di armatura o inserti metallici: tutte le esposizioni eccetto dove c'è gelo e disgelo o attacco chimico. Calcestruzzi con armatura o inserti metallici: in ambiente molto asciutto	Interno di edifici con umidità relativa molto bassa. Calcestruzzo non armato all'interno di edifici. Calcestruzzo non armato immerso in suolo non aggressivo o in acqua non aggressiva. Calcestruzzo non armato soggetto ad cicli di bagnato asciutto ma non soggetto ad abrasioni, gelo o attacco chimico	1	---	15	---

Nota – Le condizioni di umidità si riferiscono a quelle presenti nel copriferro e nel ricomprimento di inserti metallici, ma in molti casi si può considerare che tali condizioni riflettano quelle dell'ambiente circostante, in questi la classificazione dell'ambiente circostante può essere adeguata. Questo può non essere il caso se c'è una barriera fra il calcestruzzo ed il suo ambiente.

XC1	Asciutto o permanentemente bagnato	Interni di edifici con umidità relativa bassa. Calcestruzzo armato ordinario o precompresso con le superfici all'interno di strutture con eccezione delle parti esposte a condensa o immerse in acqua	2a	0,60	30	300
XC2	Bagnato, raramente asciutto	Parti di strutture di contenimento liquidi, fondazioni. Calcestruzzo armato ordinario o precompresso prevalentemente immerso in acqua o terreno non aggressivo.	2a	0,60	30	300
XC3	Umidità moderata	Calcestruzzo armato ordinario o precompresso in esterni con superfici esterne riparate dalla pioggia o in interni con umidità da moderata ad alta	5a	0,55	35	320
XC4	Ciclicamente asciutto e bagnato	Calcestruzzo armato ordinario o precompresso in esterni con superfici soggette ad alternanze di asciutto ed umido. Calcestruzzi a vista in ambienti urbani.	4a, 5b	0,50	40	340

XD1	Umidità moderata	Calcestruzzo armato ordinario o precompresso in superfici o parti di ponti e viadotti esposti a spruzzi d'acqua contenenti cloruri	5a	0,55	35	320
XD2	Bagnato, raramente asciutto	Calcestruzzo armato ordinario o precompresso in elementi strutturali totalmente immersi in acqua industriali contenente cloruri (piscine)	4a, 5b	0,50	40	340
XD3	Ciclicamente asciutto e bagnato	Calcestruzzo armato ordinario o precompresso, di elementi strutturali direttamente soggetti agli agenti disgelanti o agli spruzzi contenenti agenti disgelanti. Calcestruzzo armato o precompresso, elementi con una superficie immersa in acqua contenente cloruri e l'altra esposta all'aria. Parti di ponti, pavimentazioni e parcheggi per auto.	5c	0,45	45	360

XS1	Esposto alla salsedine marina ma non direttamente in contatto con l'acqua	Calcestruzzo armato ordinario o precompresso con elementi strutturali sulle coste o in prossimità	4a, 5b	0,50	40	340
XS2	Permanentemente sommerso	Calcestruzzo armato ordinario o precompresso di strutture marine completamente immersa in acqua	5c	0,45	45	360
XS3	Zone esposte agli spruzzi oppure alla marea	Calcestruzzo armato ordinario o precompresso con elementi strutturali esposti alla battigia o alle zone soggette agli spruzzi ed onde del mare	5c	0,45	45	360

5 Attacco dei cicli gelo/disgelo con o senza disgelanti *(NB XF2 – XF3 – XF4 contenuto minimo aria 3%)

XF1	Moderata saturazione d'acqua, in assenza di agente disgelante	Superfici verticali di calcestruzzo come facciate o colonne esposte alla pioggia ed al gelo. Superfici non verticali e non soggette alla completa saturazione ma esposte al gelo, alla pioggia o all'acqua	4a, 5b	0,50	40	320
XF2*	Moderata saturazione d'acqua in presenza di agente disgelante	Elementi come parti di ponti che in altro modo sarebbero classificati come XF1 ma che sono esposti direttamente o indirettamente agli agenti disgelanti	3, 4b	0,50	30	340
XF3*	Elevata saturazione d'acqua in assenza di agente disgelante	Superfici orizzontali in edifici dove l'acqua può accumularsi e che possono essere soggetti ai fenomeni di gelo, elementi soggetti a frequenti bagnature ed esposti al gelo	2b, 4b	0,50	30	340
XF4*	Elevata saturazione d'acqua con presenza di agente antigelo oppure acqua di mare	Superfici orizzontali quali strade o pavimentazioni esposte al gelo ed ai sali disgelanti in modo diretto od indiretto, elementi esposti al gelo e soggetti a frequenti bagnature in presenza di agenti disgelanti o di acqua di mare	3, 4b	0,45	35	360

6 Attacco chimico **)

XA1	Ambiente chimicamente debolmente aggressivo secondo il prospetto 2 della UNI EN 206-1	Contenitori di fanghi e vasche di decantazione. Contenitori e vasche per acqua reflue	5a	0,55	35	320
XA2	Ambiente chimicamente moderatamente aggressivo secondo il prospetto 2 della UNI EN 206-1	Elementi strutturali o pareti a contatto di terreni aggressivi	5b	0,50	40	340
XA3	Ambiente chimicamente fortemente aggressivo secondo il prospetto 2	Elementi strutturali o pareti a contatto di acqua industriali fortemente aggressive. Contenitori di foraggi, mangimi e liquami provenienti dall'allevamento animale. Torri di raffreddamento di fumi e gas di	5c	0,45	45	360

	della UNI EN 206-1	scarico industriali.				
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*) il grado di saturazione della seconda colonna riflette la relativa frequenza con cui si verifica il gelo in condizioni di saturazione: *moderato* occasionalmente gelato in condizioni di saturazione; elevato alta frequenza di gelo in condizioni di saturazione.

**) da parte di acque del terreno o acqua fluenti

SPECIFICHE DI ESECUZIONE DA ADOTTARE PER GLI IMPASTI DEL CLS, LA MESSA IN OPERA, LA MATURAZIONE DEI GETTI E IL DISARMO E DEGLI ELEMENTI STRUTTURALI

Confezionamento

Il confezionamento del calcestruzzo, cioè l'impasto dei componenti opportunamente dosati, è un'operazione fondamentale per ottenere la resistenza richiesta. E' necessario anche considerare fattori quali l'immagazzinamento (il cemento deve essere conservato in sacchi o sili, deve essere accuratamente preservato dall'umidità, e impiegato senza stazionare troppo a lungo in cantiere), la dosatura, e la miscelazione dei componenti.

Getto

Lo scarico del calcestruzzo fornito già confezionato, viene effettuato mediante apposite canalette, se la cassatura è situata a quota più bassa dell'autobetoniera, oppure impiegando pompe montate su autocarro, nel caso di getti a quota superiore, o di cassette di particolare conformazione, oppure difficilmente accessibili.

Durante la fase di getto è necessario evitare la segregazione dei componenti: specialmente nel caso di impasti fluidi, infatti, gli aggregati più grossi tendono a portarsi verso il fondo mentre la parte più fine tende a risalire; è necessario che l'altezza di caduta sia minima e che si riduca la possibilità di urti contro le pareti della cassaforma e l'armatura metallica. In particolare, nel getto di pareti, l'impasto deve essere versato in strati successivi uniformemente disposti in lunghezza.

Per rendere più agevole il distacco del calcestruzzo dalla cassatura al momento del disarmo, le superfici interne delle casseforme devono essere trattate con disarmanti, in modo da ridurre al minimo l'aderenza tra i due materiali. Essi non devono produrre alterazioni del calcestruzzo, e devono essere applicati a spruzzo o con spazzole o rulli, in modo da formare una pellicola di spessore uniforme.

Costipamento

Il costipamento è un'operazione estremamente importante perché consente di riempire completamente la cassaforma, di inglobare l'armatura metallica e di dare la necessaria compattezza al getto. Esso influisce notevolmente anche sulla resistenza del calcestruzzo.

Il costipamento può essere manuale, adatto per impasti fluidi, ovvero meccanico, nel caso di impasti a consistenza umida con un basso rapporto acqua/cemento. I sistemi di vibrazione possono essere per vibrazione interna (generata da appositi apparecchi ad ago immersi direttamente nella massa del calcestruzzo), vibrazione esterna (trasmessa all'impasto attraverso la cassaforma grazie a particolari apparecchi fissati al suo esterno).

Le cassette devono essere realizzate in modo da non subire deformazioni per effetto della pressione esercitata dal calcestruzzo allo stato fluido o per altre cause.

Il costipamento deve essere effettuato in modo uniforme e per un periodo di tempo adeguato, senza tuttavia esagerare perché potrebbero iniziare fenomeni di separazione degli aggregati (segregazione). Esso si può considerare concluso quando sulla superficie del getto non affiorano più bollicine d'aria, ma si forma un velo di malta fine di aspetto lucido e uniforme.

Maturazione

Sono necessari particolari accorgimenti durante la fase di maturazione: in condizioni normali, la maturazione si compie in un periodo più o meno lungo, al termine del quale il calcestruzzo raggiunge le caratteristiche di resistenza previste. Per ottenere una presa e un indurimento regolari occorre però che il calcestruzzo si trovi a una temperatura non troppo elevata né troppo bassa (20°C) per tutto il periodo e, in particolar modo, nella fase iniziale. Un aumento della temperatura oltre le condizioni normali produce in genere un'accelerazione della presa e dell'indurimento dei getti, senza che ciò pregiudichi il raggiungimento della qualità prevista del calcestruzzo. Una temperatura troppo

elevata ($>30^{\circ}\text{C}$) può però determinare una eccessiva evaporazione superficiale che, sottraendo acqua alla massa dell'impasto, non permette di raggiungere la completa idratazione del cemento. In questa situazione, evidenziata dalla comparsa di una pulverulenza superficiale del calcestruzzo, si ottengono valori di resistenza inferiori a quelli previsti. Una temperatura troppo elevata può inoltre causare un rapido ritiro della massa del getto con la possibile formazione di screpolature superficiali del calcestruzzo. Per evitare questi inconvenienti, durante la stagione estiva o in ambienti troppo caldi, devono essere osservati particolari accorgimenti per ridurre l'evaporazione dell'acqua, quali:

- bagnare abbondantemente, prima del getto, i blocchi forati dei solai (in modo che il laterizio non sottragga acqua all'impasto), nonché le casseforme, se sono di legno;
- effettuare frequenti e abbondanti spruzzature, dopo il getto, in modo da mantenere, per quanto possibile, il contatto con l'acqua o con un ambiente a elevato contenuto di umidità. Le condizioni migliori per la maturazione sarebbero quelle in cui si ha il contatto diretto del calcestruzzo con l'acqua;
- coprire i getti con materiali (per esempio sabbia, o con la stessa carta dei sacchi di cemento), che restino imbevuti a lungo di acqua e la mantengono a contatto con il calcestruzzo;
- spruzzare i getti con prodotti atti a formare una pellicola protettiva, oppure coprirli con fogli di plastica, che impediscano l'evaporazione dell'acqua contenuta nelle opere in corso di maturazione;
- eseguire getti nelle ore meno calde della giornata, preferibilmente nelle ore serali.

Gli elementi di calcestruzzo armato maggiormente soggetti all'evaporazione dell'acqua d'impasto sono quelli caratterizzati da una grande estensione superficiale, come i solai; altri elementi, come i pilastri o le pareti, sono meno esposti, essendo a contatto con la cassaforma per la massima parte della loro superficie.

Anche la presenza del vento può determinare un'elevata evaporazione dell'acqua e favorire la formazione di crepe superficiali dovute a un rapido ritiro del calcestruzzo.

Al contrario, un abbassamento della temperatura al disotto delle condizioni normali determina un rallentamento della maturazione del calcestruzzo.

Scendendo a temperature inferiori a 0°C i getti possono subire deterioramenti molto pericolosi, specialmente se l'azione del gelo si manifesta nella fase iniziale di presa e d'indurimento del calcestruzzo. Il gelo produce infatti una disgregazione della massa del materiale, tanto più dannosa quanto minori sono gli spessori degli elementi strutturali interessati.

Se si devono assolutamente continuare i lavori anche in condizioni ambientali sfavorevoli, è quindi necessaria l'adozione dei seguenti accorgimenti adatti per temperature non inferiori a -3°C :

- impiegare cementi a rapido indurimento, caratterizzati da un calore di idratazione più elevato, e aumentare la loro dosatura;
- usare acqua riscaldata e aggregati conservati in ambienti riparati dai rigori dell'ambiente esterno;
- ricorrere ad additivi aeranti, che sviluppino una buona difesa rispetto al gelo, oppure ad additivi anti-gelo, che abbassino il punto di congelamento dell'acqua;
- eseguire i getti nelle ore più calde della giornata (meglio se soleggiate) e successivamente ricoprirli con materiali termoisolanti, che riducano la dispersione del calore di idratazione dalla massa del calcestruzzo.

Occorre tuttavia sottolineare che gli accorgimenti descritti non danno più affidamento quando la temperatura scende al disotto di -3°C : in queste condizioni è buona regola sospendere l'esecuzione dei getti di calcestruzzo.

Gli elementi più esposti al pericolo di deterioramenti causati dal gelo sono quelli che hanno uno spessore limitato e una grande superficie scoperta a contatto con l'aria.

Disarmo

Il disarmo consiste nella rimozione delle cassetture che hanno contenuto il getto di calcestruzzo durante tutta la fase di maturazione. La decisione di disarmare spetta al Direttore dei Lavori: l'operazione non deve comunque avvenire prima che la resistenza del conglomerato abbia raggiunto il valore necessario in relazione all'impiego della struttura all'atto del disarmo. Inoltre, lo smontaggio della cassetatura deve avvenire gradualmente in modo da evitare che gli elementi debbano sopportare sollecitazioni elevate.

In assenza di specifici accertamenti della resistenza del conglomerato, e in normali condizioni esecutive e ambientali di maturazione, è opportuno osservare i tempi minimi di disarmo, da misurare a partire dal giorno del getto, indicati:

- sponde dei casseri di travi e pilastri: 3 giorni
- cassetture di solette di luce modesta: 10 giorni
- puntelli e centine di travi, archi e volte: 24 giorni
- elementi strutturali a sbalzo: 28 giorni

E' però buona regola detrarre dal computo dei giorni tutti quelli in cui la temperatura non si è innalzata decisamente al disopra dello zero: in tali giorni si può infatti presumere che il processo di indurimento del calcestruzzo non sia progredito.

La possibilità di accelerare la maturazione del calcestruzzo consente di ridurre i tempi minimi di disarmo.

Si devono intendere parti integranti delle presenti indicazioni le norme specifiche UNI ENV 13670-1:2001 e le Linee Guida per la messa in opera del calcestruzzo strutturale e per la valutazione delle caratteristiche meccaniche del calcestruzzo pubblicate dal Servizio Tecnico Centrale del Consiglio Superiore dei Lavori Pubblici.

(Rif. D.M. 14.01.2008, par. 11.3.2)

ACCIAIO PER CEMENTO ARMATO B450C

L'acciaio per cemento armato B450C è caratterizzato dai seguenti valori nominali delle tensioni caratteristiche di snervamento e rottura da utilizzare nei calcoli:

Tabella 11.3.Ia e tensione di progetto

Tensione nominale di snervamento: $f_{y \text{ nom}}$	450 N/mm ²
Tensione nominale di rottura: $f_{t \text{ nom}}$	540 N/mm ²
Tensione di progetto: f_{yd}	$f_{yk} / \gamma_s = 450 / 1.15 = 391 \text{ N/mm}^2$

Tabella 11.3.Ib

CARATTERISTICHE	REQUISITI	FRATTILE (%)
Tensione caratteristica di snervamento f_{yk}	• f_{ynom}	5.0
Tensione caratteristica di rottura f_{tk}	• f_{tnom}	5.0
$(f_t/f_y)_k$	• 1,15 • <1,35	10.0
$(f_y/f_{ynom})_k$	• 1,25	10.0
Allungamento $(A_{gt})_k$:	• 7,5 %	10.0
Diametro del mandrino per prove di piegamento a 90° e successivo raddrizzamento senza cricche: <div style="display: flex; justify-content: space-between; padding: 0 10px;"> <div> $\phi < 12 \text{ mm}$ $12 \leq \phi \leq 16 \text{ mm}$ per $16 < \phi \leq 25 \text{ mm}$ per $25 < \phi \leq 40 \text{ mm}$ </div> <div> 4 ϕ 5 ϕ 8 ϕ 10 ϕ </div> </div>		

Per l'accertamento delle proprietà meccaniche vale quanto indicato nella norma UNI EN ISO 15630-1:2004.

Diametro delle barre: 6 • ϕ • 40 mm.

E' ammesso l'uso di acciai forniti in rotoli per diametri $\bullet 16$ mm.
 Reti e tralicci con elementi base di diametro $\bullet \phi \bullet 16$ mm.
 Rapporto tra i diametri delle barre componenti reti e tralicci: $\phi_{\min}/\phi_{\max} \bullet 0.6$

ACCIAIO PER CEMENTO ARMATO B450A

L'acciaio per cemento armato B450A è caratterizzato dai seguenti valori nominali delle tensioni caratteristiche di snervamento e rottura da utilizzare nei calcoli:

Tabella 11.3.Ia e tensione di progetto

Tensione nominale di snervamento: $f_{y \text{ nom}}$	450 N/mm ²
Tensione nominale di rottura: $f_{t \text{ nom}}$	540 N/mm ²
Tensione di progetto: f_{yd}	$f_{yk} / \gamma_s = 450 / 1.15 = 391$ N/mm ²

Tabella 11.3.Ic

CARATTERISTICHE	REQUISITI	FRATTILE (%)
Tensione caratteristica di snervamento f_{yk}	$\bullet f_{ynom}$	5.0
Tensione caratteristica di rottura f_{tk}	$\bullet f_{tnom}$	5.0
$(f_t/f_y)_k$	$\bullet 1,05$	10.0
$(f_y/f_{ynom})_k$	$\bullet 1,25$	10.0
Allungamento $(A_{gt})_k$:	$\bullet 2,5 \%$	10.0
Diametro del mandrino per prove di piegamento a 90° e successivo raddrizzamento senza cricche: $\phi \bullet 10$ mm	4 ϕ	

Per l'accertamento delle proprietà meccaniche vale quanto indicato nella norma UNI EN ISO 15630-1:2004.

Diametro delle barre: $\bullet \phi \bullet 10$ mm.
 E' ammesso l'uso di acciai forniti in rotoli per diametri $\bullet 10$ mm.
 Reti e tralicci con elementi base di diametro $\bullet \phi \bullet 10$ mm.
 Rapporto tra i diametri delle barre componenti reti e tralicci: $\phi_{\min}/\phi_{\max} \bullet 0.6$

Proprietà del materiale (rif. P.to 11.7.1.1 NTC 2008)

Il progetto e la verifica di strutture realizzate con legno massiccio, lamellare o con prodotti per uso strutturale derivante dal legno , richiedono la conoscenza dei valori di resistenza , modulo elastico e massa volumica costituenti il profilo resistente , che deve comprendere almeno quanto riportato nella Tab. 11.7.1

Tabella 11.7.I

Proprietà di resistenza		Proprietà di modulo elastico		Massa volumica	
Flessione	$f_{m,k}$	Modulo elastico parallelo medio **	$E_{0,mean}$	Massa volumica caratteristica	ρ_k
Trazione parallela	$f_{t,0,k}$	Modulo elastico parallelo caratteristico	$E_{0,05}$	Massa volumica media *, **	ρ_{mean}
Trazione perpendicolare	$f_{t,90,k}$	Modulo elastico perpendicolare medio **	$E_{90,mean}$		
Compressione parallela	$f_{c,0,k}$	Modulo elastico tangenziale medio **	G_{mean}		
Compressione perpendicolare	$f_{c,90,k}$				
Taglio	$f_{v,k}$				

* La massa volumica media può non essere dichiarata.

** Il pedice *mean* può essere abbreviato con *m*

Legno massiccio (rif. P.to 11.7.2 NTC 2008)

La produzione di elementi strutturali di legno massiccio dovrà risultare conforme alla norma europea armonizzata UNI EN 14081 e secondo quanto specificato al punto A del § 11.1 recare la Marcatura CE o, qualora non applicabile, devono essere qualificati secondo quanto specificato al punto B del § 11.1 così come specificato al § 11.7.10.

I criteri di classificazione garantiscono all'elemento prestazioni meccaniche minime statisticamente determinate, senza necessità di ulteriori prove sperimentali e verifiche, definendone il profilo resistente, che raggruppa le proprietà fisico meccaniche, necessarie per la progettazione strutturale.

La Classe di Resistenza viene definita facendo riferimento alle norme UNI EN 338:2004 ed UNI EN 1912:2005 per legno di provenienza estera, ed UNI 11035:2003 parti 1 e 2 per legno di provenienza italiana.

Legno lamellare (rif. P.to 11.7.4 NTC 2008)

Gli elementi strutturali di legno lamellare incollato debbono essere conformi alla norma europea armonizzata UNI EN 14080.

Per i requisiti di produzione e qualificazione, le classi di resistenza, la classificazione sulla base delle proprietà delle lamelle e l'attribuzione diretta in base a prove sperimentali fare riferimento al § 11.7.4 del D.M. Infrastrutture 14/01/2008.

Tabella dei legnami di conifera e pioppo (EN 338).

Valore di resistenza modulo elastico e massa volumica	C14	C16	C18	C20	C22	C24	C27	C30	C35	C40	C45	C50
Resistenza [MPa]												
Flessione $f_{m,k}$	14	16	18	20	22	24	27	30	35	40	45	50
Trazione parallela alla fibratura $f_{t,0,k}$	8	10	11	12	13	14	16	18	21	24	27	30
Trazione perpendicolare alla fibratura $f_{t,90,k}$	0,4	0,5	0,5	0,5	0,5	0,5	0,6	0,6	0,6	0,6	0,6	0,6
Compressione parallela alla fibratura $f_{c,0,k}$	16	17	18	19	20	21	22	23	25	26	27	29
Compressione perpendicolare alla fibratura $f_{c,90,k}$	2,0	2,2	2,2	2,3	2,4	2,5	2,6	2,7	2,8	2,9	3,1	3,2
Modulo di taglio $f_{v,k}$	1,7	1,8	2,0	2,2	2,4	2,5	2,8	3,0	3,4	3,8	3,8	3,8
Modulo elastico [GPa]												
Modulo elastico medio parallelo alle fibre $E_{0,mean}$	7	8	9	9,5	10	11	11,5	12	13	14	15	16
Modulo elastico caratteristico parallelo alle fibre $E_{0,05}$	4,7	5,4	6,0	6,4	6,7	7,4	7,7	8,0	8,7	9,4	10,0	10,7
Modulo elastico medio perpendicolare alle fibre $E_{90,mean}$	0,23	0,27	0,30	0,32	0,33	0,37	0,38	0,40	0,43	0,47	0,50	0,53
Modulo di taglio medio G_{mean}	0,44	0,50	0,56	0,59	0,63	0,69	0,72	0,75	0,81	0,88	0,94	1,00
Massa volumica [kg/m³]												
Massa volumica caratteristica ρ_k	290	310	320	330	340	350	370	380	400	420	440	460

Legnami di latifoglie (tranne il pioppo) (EN 338).

Valore di resistenza modulo elastico e massa volumica	D30	D35	D40	D50	D60	D70
Resistenza [MPa]						
Flessione $f_{m,k}$	30	35	40	50	60	70
Trazione parallela alla fibratura $f_{t,0,k}$	18	21	24	30	36	42
Trazione perpendicolare alla fibratura $f_{t,90,k}$	0,6	0,6	0,6	0,6	0,6	0,6
Compressione parallela alla fibratura $f_{c,0,k}$	23	25	26	29	32	34
Compressione perpendicolare alla fibratura $f_{c,90,k}$	8,0	8,4	8,8	9,7	10,5	13,5
Modulo di taglio $f_{v,k}$	3,0	3,4	3,8	4,6	5,3	6,0
Modulo elastico [GPa]						
Modulo elastico medio parallelo alle fibre $E_{0,mean}$	10	10	11	14	17	20
Modulo elastico caratteristico parallelo alle fibre $E_{0,05}$	8,0	8,7	9,4	11,8	14,3	16,8
Modulo elastico medio perpendicolare alle fibre $E_{90,mean}$	0,64	0,69	0,75	0,93	1,13	1,33
Modulo di taglio medio G_{mean}	0,60	0,65	0,70	0,88	1,06	1,25
Massa volumica [kg/m³]						
Massa volumica caratteristica ρ_k	530	560	590	650	700	900
Massa volumica media ρ_m	640	670	700	780	840	1080

1 N/mm² = 1 MPa

1 kN/mm² = 1 GPa

Le proprietà meccaniche del legno massiccio si basano sulla resistenza a flessione $f_{m,k}$ sul modulo di rigidezza medio $E_{0,mean}$ e sulla massa volumica caratteristica ρ_k .
Le relazioni indicate da EN 338 sono le seguenti:

Trazione parallela alle fibre $f_{t,0,k} = 0,6 f_{m,k}$

Perpendicolare alle fibre $f_{t,90,k} = \min [0,6 \text{ e } 0,0015 \rho_k]$

Compressione parallela alle fibre $f_{c,0,k} = 0,6 (f_{m,k})^{0,75}$

Compressione perpendicolare alle fibre $f_{c,90,k} = 0,007 \rho_k$ conifere $f_{c,90,k} = 0,015 \rho_k$ latifoglie

Legname strutturale-Classi di resistenza UNI 11035, EN 1194											
Classe	f _{mk} (MPa)	f _{0k} (MPa)	f _{90k} (MPa)	f _{c0k} (MPa)	f _{c90k} (MPa)	f _{vk} (MPa)	E _{0m} (MPa)	E ₀₅ (MPa)	E _{90m} (MPa)	G _m (MPa)	ρ _k (Kg/m³)
Abete/N S1	29.00	17.00	0.40	23.00	2.90	3.00	12000	8000	400	750	380
Abete/N S2	23.00	14.00	0.40	20.00	2.90	2.50	10500	7000	350	660	380
Abete/N S3	17.00	10.00	0.40	18.00	2.90	1.90	9500	6400	320	590	380
Abete/C S1	32.00	19.00	0.30	19.00	2.10	3.20	11000	7400	370	690	280
Abete/C S2	28.00	17.00	0.30	20.00	2.10	2.90	10000	6700	330	630	280
Abete/C S3	21.00	13.00	0.30	21.00	2.10	2.30	9500	6400	320	590	280
Larice/N S1	42.00	25.00	0.60	22.00	4.00	4.00	13000	8700	430	810	550
Larice/N S2	32.00	19.00	0.60	23.00	4.00	3.20	12000	8000	400	750	550
Larice/N S3	26.00	16.00	0.60	25.00	4.00	2.70	11500	7700	380	720	550
Douglasia S1	40.00	24.00	0.40	26.00	2.60	4.00	14000	9400	470	880	400
Douglasia S2	23.00	14.00	0.40	27.00	2.60	3.40	12500	8400	420	780	420
Douglasia S3	23.00	14.00	0.40	27.00	2.60	3.40	12500	8400	420	780	420
Conifere S1	33.00	20.00	0.50	29.00	4.00	3.30	12300	8200	410	770	530
Conifere S2	26.00	16.00	0.50	23.00	4.00	2.70	11400	7600	380	710	530
Conifere S3	22.00	13.00	0.50	25.00	4.00	2.40	10500	7000	350	660	530
Castagno S	28.00	17.00	0.50	26.00	3.80	2.00	11000	8000	730	950	465
Querce S	42.00	25.00	0.80	29.00	5.70	4.00	12000	10100	800	750	760
Pioppo S	26.00	16.00	0.40	32.00	5.70	2.70	8000	6700	530	750	420
Ontano S	26.00	16.00	0.40	32.00	3.20	2.70	8000	6700	530	500	420
Latifoglie S	27.00	16.00	0.50	34.00	3.90	2.00	11500	8400	770	720	515
GL24h	24.00	16.50	0.40	24.00	2.70	2.70	11600	9400	390	720	380
GL28h	28.00	19.50	0.45	26.50	3.00	3.20	12600	10200	420	780	410
GL32h	32.00	22.50	0.50	29.00	3.30	3.80	13700	11100	460	850	430
GL36h	36.00	26.00	0.60	31.00	3.60	4.30	14700	11900	490	910	450
GL24c	24.00	14.00	0.35	21.00	2.40	2.20	11600	9400	320	590	350
GL28c	28.00	16.50	0.40	24.00	2.70	2.70	12600	10200	390	720	380
GL32c	32.00	19.50	0.45	26.50	3.00	3.20	13700	11100	420	785	410
GL36c	36.00	22.50	0.50	29.00	3.30	3.80	14700	11900	460	850	430

Legno IPE'

PROPRIETÀ MECCANICHE <i>Fonte Cirad</i>	Valori	Deviazione standard
Resistenza alla rottura	95 MPa	+/- 10 MPa
Resistenza alla flessione statica	166 MPa	+/- 28 MPa
Modulo di elasticità	22.760 MPa	+/- 2.244 MPa

Qualificazione ed accettazione (rif. P.to 11.7.10 NTC 2008)

Si fa riferimento ai p.ti 11.7.10.1 disposizioni generali ; 11.7.10.1.1 Identificazione e rintracciabilità dei prodotti qualificati; 11.7.10.1.2 Forniture e documentazione di accompagnamento e dove applicabile per forniture provenienti dall'estero 11.7.10.1.2 prodotti provenienti dall'estero

Proprietà dei materiali per la fase di analisi strutturaleModulo Elastico: $E = 2.100.000 \text{ kg/cm}^2$ (210.000 N/mm^2)Coefficiente di Poisson: $\nu = 0.3$ Modulo di elasticità trasversale: $G = E / [2 \cdot (1 + \nu)]$ (N/mm^2)Coefficiente di espansione termica lineare: $\alpha = 12 \cdot 10^{-6} \text{ per } ^\circ\text{C}^{-1}$ (per $T < 100^\circ\text{C}$)Densità: $\rho = 7850 \text{ kg/m}^3$ **Caratteristiche minime dei materiali**

	S235	S275	S355
tensione di rottura	360 N/mm^2	430 N/mm^2	510 N/mm^2
tensione di snervamento	235 N/mm^2	275 N/mm^2	355 N/mm^2

Nelle unioni con bulloni si assumono le seguenti resistenze di calcolo:

STATO DI TENSIONE		
CLASSE VITE	f_{tb} (N/mm^2)	f_{yb} (N/mm^2)
4.6	400	240
5.6	500	300
6.8	600	480
8.8	800	640
10.9	1000	900

Resistenza di calcolo a taglio $F_v, R_d = 0,6 f_{tb} A_{res} / 1,25$ per bulloni classi 4.6, 5.6 e 8.8 $F_v, R_d = 0,5 f_{tb} A_{res} / 1,25$ per bulloni classi 6.8 e 10.9**Resistenza di calcolo a trazione** $F_t, R_d = 0,9 f_{tb} A_{res} / 1,25$ **Resistenza di calcolo combinata a taglio e trazione** $F_v, E_d / F_v, R_d + F_t, E_d / 1,4 F_t, R_d \leq 1$ **11.3.4.4 NTC 2008 Acciaio per strutture saldate****11.3.4.4.1 Composizione chimica degli acciai**

Gli acciai per strutture saldate, oltre a soddisfare le condizioni indicate al § 11.3.4.1, devono avere composizione chimica conforme a quanto riportato nelle norme europee armonizzate applicabili, di cui al punto 11.3.4.1.

11.3.4.5 NTC 2008 Processo di saldatura

La saldatura degli acciai dovrà avvenire con uno dei procedimenti all'arco elettrico codificati secondo la norma UNI EN ISO 4063:2001. È ammesso l'uso di procedimenti diversi purché sostenuti da adeguata documentazione teorica e sperimentale.

I saldatori nei procedimenti semiautomatici e manuali dovranno essere qualificati secondo la norma UNI EN 287-1:2004 da parte di un Ente terzo. A deroga di quanto richiesto nella norma UNI EN 287-1:2004, i saldatori che eseguono giunti a T con cordoni d'angolo dovranno essere specificamente qualificati e non potranno essere qualificati soltanto mediante l'esecuzione di giunti testa-testa.

Gli operatori dei procedimenti automatici o robotizzati dovranno essere certificati secondo la norma UNI EN 1418:1999. Tutti i procedimenti di saldatura dovranno essere qualificati secondo la norma UNI EN ISO 15614-1:2005.

Le durezze eseguite sulle macrografie non dovranno essere superiori a 350 HV30.

Per la saldatura ad arco di prigionieri di materiali metallici (saldatura ad innesco mediante sollevamento e saldatura a scarica di condensatori ad innesco sulla punta) si applica la norma UNI EN ISO 14555:2001; valgono perciò i requisiti di qualità di cui al prospetto A1 della appendice A della stessa norma.

Le prove di qualifica dei saldatori, degli operatori e dei procedimenti dovranno essere eseguite da un Ente terzo; in assenza di prescrizioni in proposito l'Ente sarà scelto dal costruttore secondo criteri di competenza e di indipendenza.

Sono richieste caratteristiche di duttilità, snervamento, resistenza e tenacità in zona fusa e in zona termica alterata non inferiori a quelle del materiale base.

Nell'esecuzione delle saldature dovranno inoltre essere rispettate le norme UNI EN 1011:2005 parti

1 e 2 per gli acciai ferritici e della parte 3 per gli acciai inossidabili. Per la preparazione dei lembi si applicherà, salvo casi particolari, la norma UNI EN ISO 9692-1:2005.

Le saldature saranno sottoposte a controlli non distruttivi finali per accertare la corrispondenza ai livelli di qualità stabiliti dal progettista sulla base delle norme applicate per la progettazione.

In assenza di tali dati per strutture non soggette a fatica si adotterà il livello C della norma UNI EN ISO 5817:2004 e il livello B per strutture soggette a fatica.

L'entità ed il tipo di tali controlli, distruttivi e non distruttivi, in aggiunta a quello visivo al 100%, saranno definiti dal Collaudatore e dal Direttore dei Lavori; per i cordoni ad angolo o giunti a parziale penetrazione si useranno metodi di superficie (ad es. liquidi penetranti o polveri magnetiche), mentre per i giunti a piena penetrazione, oltre a quanto sopra previsto, si useranno metodi volumetrici e cioè raggi X o gamma o ultrasuoni per i giunti testa a testa e solo ultrasuoni per i giunti a T a piena penetrazione.

Per le modalità di esecuzione dei controlli ed i livelli di accettabilità si potrà fare utile riferimento alle prescrizioni della norma UNI EN 12062:2004.

Tutti gli operatori che eseguiranno i controlli dovranno essere qualificati secondo la norma UNI EN 473:2001 almeno di secondo livello.

Oltre alle prescrizioni applicabili di cui al precedente § 11.3.1.7, il costruttore deve corrispondere ai seguenti requisiti.

In relazione alla tipologia dei manufatti realizzati mediante giunzioni saldate, il costruttore deve essere certificato secondo la norma UNI EN ISO 3834:2006 parti 2 e 4; il livello di conoscenza tecnica del personale di coordinamento delle operazioni di saldatura deve corrispondere ai requisiti della normativa di comprovata validità. I requisiti sono riassunti nel Tab. 11.3.XI di seguito riportata.

La certificazione dell'azienda e del personale dovrà essere operata da un Ente terzo, scelto, in assenza di prescrizioni, dal costruttore secondo criteri di indipendenza e di competenza.

**Tabella
11.3.XI**

Tipo di azione sulle strutture	Strutture soggette a fatica in modo non significativo			Strutture soggette a fatica in modo significativo
	A	B	C	D
Riferimento				

Materiale Base: Spessore minimo delle membrature	S235, s • 30mm S275, s • 30mm	S355, s • 30mm S235 S275	S235 S275 S355 S460, s 30mm	S235 S275 S355 S460 (Nota 1) Acciai inossidabili e altri acciai non esplicitamente menzionati (Nota 1)
Livello dei requisiti di qualità secondo la norma UNI EN ISO 3834:2006	Elementare EN ISO 3834-4	Medio EN ISO 3834-3	Medio EN ISO 3834-3	Completo EN ISO 3834-2
Livello di conoscenza tecnica del personale di coordinamento della saldatura secondo la norma UNI EN 719:1996	Di base	Specifico	Completo	Completo

Nota 1) Vale anche per strutture non soggette a fatica in modo significativo

RELAZIONE GEOTECNICA

L'area in esame è localizzata nel perimetro interno del centro storico del comune di Grottazzolina (FM). La zona di intervento risulta stabile ed idonea per la edificazione di una struttura destinata ad ascensore pubblico.

La presente relazione prende in esame le caratteristiche geotecniche del terreno di fondazione dell'area d'intervento, in ottemperanza alla legislazione vigente in materia di opere realizzate in zone classificate sismiche, di cui alle NTC D.M. 14 Gennaio 2008 e successiva Circolare Esplicativa.

L'area in esame è stata oggetto di indagine geologica, esperita dal Geologo dott. Savino Salvetti, al fine di determinare le condizioni geologiche, geomorfologiche e idrogeologiche della zona e le condizioni litologiche dei terreni di fondazione.

Come si evince dalla relazione geologica, il rilevamento geologico riconduce a un terreno "stabile sotto il profilo geomorfologico; l'immediato sottosuolo della zona, ad esclusione di uno strato di riporto affiorante scadente, è costituito da depositi marini pelitico-arenacei formati da argille limose grigie, fittamente stratificate, alternate a livelli medio-fini di sabbie giallastre; il contesto idrogeologico del sottosuolo si presenta in linea generale favorevole alla realizzazione dell'opera, vista l'assenza di falde idriche superficiali nel sottosuolo dell'area; lo scenario sismico locale non pregiudica la fattibilità edificatoria dell'intervento".

Dalle indagini geognostiche esperite anche in passato, il Dott. Geol. Savino Salvetti riferisce la stratigrafia del sottosuolo con la esplicitazione dei parametri geotecnici necessari per la determinazione della capacità portante massima di progetto dei pali, così come nel seguito indicati.

Si rinviene, in superficie, per uno spessore medio di 0,60 m, terreno di riporto, al di sotto del quale viene localizzata una Associazione Pelitico-Arenacea costituita da argille limose alternate a livelli sabbiosi, dotata delle seguenti caratteristiche geotecniche:

Litografia	φ	c'	C_u	γ
	gradi	Kg/cm ^q	Kg/cm ^q	t/m ³
Terreno di riporto	16°-20°	-	-	1,70 - 1,80
Associazione politico-arenacea	25°-27°	0,10 - 0,15	1,50 - 2,00	2,00 - 2,10

Per quanto sopra, considerate le risultanze della indagine esperita dal Dott. Geol. Savino Salvetti, emerge che, per l'area oggetto di intervento, non risultano controindicazioni dal punto di vista geologico per la edificabilità; geomorfologicamente l'area di studio si presenta con assetto stabile.

All'interno del fascicolo dei calcoli sono riportate le sollecitazioni, derivanti da tutte le combinazioni di carico di progetto, che gravano sui pali di fondazione, con l'evidenziazione di quella massima e il calcolo della capacità portante di progetto del singolo palo. Dall'analisi comparativa degli elementi di ordine topografico, geomorfologico, litostratigrafico, geotecnico ed idrografico, ed in base alle caratteristiche geometriche e funzionali della costruzione in oggetto si prevede l'esecuzione di fondazioni profonde costituite da pali trivellati in c.a.

Al terreno presente nella zona di imposta delle fondazioni si può attribuire la categoria "C"

C [Depositi di terreni a grana grossa mediamente addensati o terreni a grana fina mediamente consistenti con spessori superiori a 30 m, caratterizzati da un graduale miglioramento delle proprietà meccaniche con la profondità e da valori di V_s , 30 compresi tra 180 m/s e 360 m/s]

(ovvero $15 < \text{NSPT}_{30} < 50$ nei terreni a grana grossa e $70 < c_u$, $30 < 250$ kPa nei terreni a grana fina).], basandosi sulla valutazione della velocità delle onde di taglio (V_{S30}) e/o del numero di colpi dello Standard Penetration Test (N_{SPT}) e/o della resistenza non drenata equivalente ($c_{u,30}$).

CRITERI PER IL DIMENSIONAMENTO GEOTECNICO

Verifica agli Stati Limite per le opere di fondazione

La verifica agli stati limite è soddisfatta quando $E_d < R_d$,

con E_d valore di progetto dell'azione e R_d valore di progetto della resistenza del sistema geotecnico.

La verifica della suddetta condizione viene effettuata mediante diverse combinazioni di gruppi di coefficienti parziali, rispettivamente definiti per le azioni (A1 e A2), per i parametri geotecnici (M1 e M2) e per le resistenze (R1, R2 e R3); essi vengono combinati tra loro nell'ambito di due approcci progettuali distinti e alternativi:

1. Approccio 1: necessita di due distinte combinazioni:
 - a. Combinazione 1: A1 + M1 + R1, per il dimensionamento strutturale delle opere a contatto con il terreno;
 - b. Combinazione 2: A2 + M2 + R2, per il dimensionamento geotecnico;
2. Approccio 2: unica combinazione da adottarsi sia per le verifiche strutturali, sia per quelle geotecniche: A1 + M1 + R3.

In sintesi:

A: coefficienti parziali di amplificazione delle azioni;

M: coefficienti parziali di riduzione dei parametri geotecnici;

R: coefficienti parziali di riduzione della resistenza delle opere di fondazione.

I valori dei parametri sono di seguito riportati:

Tabella 6.2.I

CARICHI	EFFETTO	Coefficiente γ_F	EQU	A1 STR	A2 GEO
Carichi permanenti	Favorevoli	γ_{G1}	0.9	1.0	1.0
	Sfavorevoli		1.1	1.3	1.0
Carichi permanenti non strutturali *	Favorevoli	γ_{G2}	0.0	0.0	0.0
	Sfavorevoli		1.5	1.5	1.3
Carichi variabili	Favorevoli	γ_{Qi}	0.0	0.0	0.0
	Sfavorevoli		1.5	1.5	1.3

* Nel caso in cui i carichi permanenti non strutturali siano compiutamente definiti, si potranno adottare gli stessi coefficienti validi per le azioni permanenti

Tabella 6.2.II

Parametro geotecnico	Coefficiente parziale γ_m	
	M1	M2
Tangente dell'angolo di resistenza al taglio $\tan \phi'_k$	1.0	1.25
Coesione efficace c'_k	1.0	1.25
Resistenza non drenata C_{uk}	1.0	1.4
Peso dell'unità di volume γ	1.0	1.0

Per quanto riguarda i coefficienti R, essi si differenziano in base alla tipologia di fondazione:

Per fondazioni superficiali:**Tabella 6.4.I**

VERIFICA	R1	R2	R3
Capacità portante	1.0	1.8	2.3
Scorrimento	1.0	1.1	1.1
Stabilità Globale (Tabella 6.8.I)	-	1.1	-

Per fondazioni profonde:**Tabella 6.4.II**

RESISTENZA	SIMBOL O	PALI INFISSI			PALI TRIVELLATI			PALI A ELICA CONTINUA		
	γ_R	R1	R2	R3	R1	R2	R3	R1	R2	R3
Base	γ_b	1.0	1.45	1.15	1.0	1.7	1.35	1.0	1.6	1.3
Laterale in compressione	γ_s	1.0	1.45	1.15	1.0	1.45	1.15	1.0	1.45	1.15
Totale *	γ_t	1.0	1.45	1.15	1.0	1.6	1.30	1.0	1.55	1.25
Laterale in trazione	γ_{st}	1.0	1.6	1.25	1.0	1.6	1.25	1.0	1.6	1.25

* da applicare alle resistenze caratteristiche dedotte dai risultati di prove di carico di progetto

Verifica agli Stati Limite Ultimi in condizioni sismiche per le opere di fondazione

Le verifiche agli stati limite ultimi in condizioni sismiche vengono effettuate ponendo pari a 1 i coefficienti parziali amplificativi delle azioni (A), e impiegando i coefficienti parziali riduttivi (M e R), sopra riportati.

CAPACITA' PORTANTE DELLA FONDAZIONE

- Fondazioni profonde**

Per la verifica dello stato limite ultimo per carico limite dell'insieme terreno- palo di fondazione si utilizza l'Approccio 2, con i coefficienti parziali A1, M1, R3

I parametri geotecnici di calcolo sono:

Litografia	φ	c'	Cu	γ
	gradi	Kg/cm ²	Kg/cm ²	t/m ³
Terreno di riporto	-	-	-	1,75
Associazione politico-arenacea	-	-	1,80	2,05

Si rimanda agli elaborati di calcolo per l'individuazione delle azioni sollecitanti i pali di fondazione e le capacità portanti degli stessi.

RELAZIONE SULLE FONDAZIONI

Come indicato nella Relazione Geotecnica, per l'ascensore in oggetto vengono adottate fondazioni profonde costituite da pali trivellati in c.a..

Per le proprietà meccaniche dei terreni si rimanda alla Relazione Geotecnica allegata.

CRITERI DI PROGETTO DELLA FONDAZIONE ADOTTATA

Le caratteristiche geotecniche del terreno di fondazione comparate con i carichi di esercizio e la geometria dell'opera indicano le fondazioni profonde su pali trivellati in c.a. quale scelta tecnico-economica più vantaggiosa per l'impianto fondale dell'ascensore.

Lo stato di sollecitazione e di deformazione e le verifiche delle strutture di fondazione, nonché le azioni esercitate sul terreno di fondazione, sono indicate nella relazione di calcolo dell'opera in quanto la struttura viene analizzata complessivamente anche nella sua interazione con il terreno di fondazione.

In particolare:

- lo stato di tensione iniziale e futuro indotto nel terreno è compatibile con le caratteristiche di resistenza del terreno stesso;
- la fondazione, tanto nei suoi elementi quanto negli spostamenti, è compatibile con la sicurezza e la funzionalità dell'opera;
- l'opera nel suo complesso non induce influenza significativa sulle fondazioni e/o sulle strutture delle costruzioni circostanti;
- le acque meteoriche e di scarico verranno regimate e convogliate in modo da evitare infiltrazioni e ristagni in prossimità delle fondazioni;
- le fondazioni stesse sono poste comunque a profondità tale da risultare protette da fenomeni di erosione del terreno superficiale;
- i cedimenti assoluti e differenziali sono compatibili con lo stato di sollecitazione delle strutture e la funzionalità dell'opera.

Ascensore 09

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COORDINATE E DATI DEI NODI (Fase 1)

Nodo	x	y	z	tx	ty	tz	rx	ry	rz	ms	fz	mm
1	30	22	-145	0	0	0	0	0	0	0	0	0
2	190	0	1032	0	0	0	0	0	0	0	0	0
3	155	0	1032	0	0	0	0	0	0	0	0	0
4	190	22	-145	0	0	0	0	0	0	0	1	0
5	190	0	1069	0	0	0	0	0	0	0	0	0
6	220	0	995	0	0	0	0	0	0	0	0	0
7	220	0	1032	0	0	0	0	0	0	0	0	0
8	220	47	995	0	0	0	0	0	0	0	0	0
9	220	47	1032	0	0	0	0	0	0	0	0	0
10	220	47	1069	0	0	0	0	0	0	0	0	0
11	30	182	-145	0	0	0	0	0	0	0	0	0
12	220	94	995	0	0	0	0	0	0	0	0	0
13	220	94	1032	0	0	0	0	0	0	0	0	0
14	190	182	-145	0	0	0	0	0	0	0	1	0
15	220	157	995	0	0	0	0	0	0	0	0	0
16	220	110	995	0	0	0	0	0	0	0	0	0
17	190	204	-50	0	0	0	0	0	0	0	0	0
18	220	157	1032	0	0	0	0	0	0	0	0	0
19	220	110	1032	0	0	0	0	0	0	0	0	0
20	220	157	1069	0	0	0	0	0	0	0	0	0
21	220	204	995	0	0	0	0	0	0	0	0	0
22	220	204	1032	0	0	0	0	0	0	0	0	0
23	190	204	995	0	0	0	0	0	0	0	0	0
24	190	204	1032	0	0	0	0	0	0	0	0	0
25	190	204	1069	0	0	0	0	0	0	0	0	0
26	160	204	995	0	0	0	0	0	0	0	0	0
27	160	204	1032	0	0	0	0	0	0	0	0	0
28	190	204	0	0	0	0	0	0	0	0	0	0
29	30	204	995	0	0	0	0	0	0	0	0	0
30	60	204	995	0	0	0	0	0	0	0	0	0
31	30	204	1032	0	0	0	0	0	0	0	0	0
32	60	204	1032	0	0	0	0	0	0	0	0	0
33	30	204	1069	0	0	0	0	0	0	0	0	0
34	0	204	995	0	0	0	0	0	0	0	0	0
35	0	204	1032	0	0	0	0	0	0	0	0	0
36	0	182	995	0	0	0	0	0	0	0	0	0
37	0	182	1032	0	0	0	0	0	0	0	0	0
38	0	204	0	0	0	0	0	0	0	0	0	0
39	0	145	0	0	0	0	0	0	0	0	0	0
40	0	182	1069	0	0	0	0	0	0	0	0	0
41	0	145	995	0	0	0	0	0	0	0	0	0
42	0	145	1032	0	0	0	0	0	0	0	0	0
43	0	22	995	0	0	0	0	0	0	0	0	0
44	220	0	0	0	0	0	0	0	0	0	0	0
45	220	94	0	0	0	0	0	0	0	0	0	0
46	220	110	0	0	0	0	0	0	0	0	0	0
47	220	204	0	0	0	0	0	0	0	0	0	0
48	0	59	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0	0	0
50	0	59	995	0	0	0	0	0	0	0	0	0
51	0	22	1032	0	0	0	0	0	0	0	0	0
52	0	59	1032	0	0	0	0	0	0	0	0	0
53	0	22	1069	0	0	0	0	0	0	0	0	0
54	60	204	0	0	0	0	0	0	0	0	0	0
55	160	204	0	0	0	0	0	0	0	0	0	0
56	60	0	0	0	0	0	0	0	0	0	0	0
57	160	0	0	0	0	0	0	0	0	0	0	0
58	0	157	1309	0	0	0	0	0	0	0	0	0
59	0	47	1309	0	0	0	0	0	0	0	0	0
60	220	47	1309	0	0	0	0	0	0	0	0	0
61	0	22	539.154	0	0	0	0	0	0	0	0	0

62	0	59	539.154	0	0	0	0	0	0	0	0	0
63	54	157	1309	0	0	0	0	0	0	0	0	0
64	54	47	1309	0	0	0	0	0	0	0	0	0
65	166	157	1309	0	0	0	0	0	0	0	0	0
66	166	47	1309	0	0	0	0	0	0	0	0	0
67	190	524.5	958	0	0	1	0	0	0	0	0	0
68	30	524.5	958	0	0	1	0	0	0	0	0	0
69	190	289.125	958	0	0	0	0	0	0	0	0	0
70	190	364.25	958	0	0	0	0	0	0	0	0	0
71	220	157	-100	0	0	0	0	0	0	0	0	0
72	220	59	-145	0	0	0	0	0	0	0	0	0
73	190	439.375	958	0	0	0	0	0	0	0	0	0
74	30	289.125	958	0	0	0	0	0	0	0	0	0
75	0	182	-50	0	0	0	0	0	0	0	0	0
76	0	204	-50	0	0	0	0	0	0	0	0	0
77	0	182	0	0	0	0	0	0	0	0	0	0
78	220	102	-100	0	0	0	0	0	0	0	0	0
79	220	22	-145	0	0	0	0	0	0	0	0	0
80	0	145	-50	0	0	0	0	0	0	0	0	0
81	30	364.25	958	0	0	0	0	0	0	0	0	0
82	220	47	-100	0	0	0	0	0	0	0	0	0
83	0	22	-145	0	0	0	0	0	0	0	0	0
84	0	22	-50	0	0	0	0	0	0	0	0	0
85	0	22	0	0	0	0	0	0	0	0	0	0
86	0	22	-100	0	0	0	0	0	0	0	0	0
87	0	59	-145	0	0	0	0	0	0	0	0	0
88	0	0	-50	0	0	0	0	0	0	0	0	0
89	30	439.375	958	0	0	0	0	0	0	0	0	0
90	0	59	-100	0	0	0	0	0	0	0	0	0
91	0	102	-145	0	0	0	0	0	0	0	0	0
92	0	102	-50	0	0	0	0	0	0	0	0	0
93	0	102	0	0	0	0	0	0	0	0	0	0
94	0	102	-100	0	0	0	0	0	0	0	0	0
95	0	145	-145	0	0	0	0	0	0	0	0	0
96	0	59	-50	0	0	0	0	0	0	0	0	0
97	190	506.988	958	0	0	0	0	0	0	0	0	0
98	0	22	585.692	0	0	0	0	0	0	0	0	0
99	0	59	585.692	0	0	0	0	0	0	0	0	0
100	30	0	-50	0	0	0	0	0	0	0	0	0
101	30	0	0	0	0	0	0	0	0	0	0	0
102	0	22	632.231	0	0	0	0	0	0	0	0	0
103	0	59	632.231	0	0	0	0	0	0	0	0	0
104	60	0	-50	0	0	0	0	0	0	0	0	0
105	30	506.988	958	0	0	0	0	0	0	0	0	0
106	0	22	678.769	0	0	0	0	0	0	0	0	0
107	0	59	678.769	0	0	0	0	0	0	0	0	0
108	93.3333	0	-50	0	0	0	0	0	0	0	0	0
109	93.3333	0	0	0	0	0	0	0	0	0	0	0
110	190	221.512	958	0	0	0	0	0	0	0	0	0
111	0	22	725.308	0	0	0	0	0	0	0	0	0
112	0	59	725.308	0	0	0	0	0	0	0	0	0
113	126.667	0	-50	0	0	0	0	0	0	0	0	0
114	126.667	0	0	0	0	0	0	0	0	0	0	0
115	0	22	771.846	0	0	0	0	0	0	0	0	0
116	0	59	771.846	0	0	0	0	0	0	0	0	0
117	160	0	-50	0	0	0	0	0	0	0	0	0
118	30	221.512	958	0	0	0	0	0	0	0	0	0
119	0	22	818.385	0	0	0	0	0	0	0	0	0
120	0	59	818.385	0	0	0	0	0	0	0	0	0
121	190	0	-50	0	0	0	0	0	0	0	0	0
122	190	0	0	0	0	0	0	0	0	0	0	0
123	0	22	864.923	0	0	0	0	0	0	0	0	0
124	0	59	864.923	0	0	0	0	0	0	0	0	0
125	220	0	-50	0	0	0	0	0	0	0	0	0
126	0	22	911.462	0	0	0	0	0	0	0	0	0
127	0	59	911.462	0	0	0	0	0	0	0	0	0
128	0	22	958	0	0	0	0	0	0	0	0	0
129	220	47	-50	0	0	0	0	0	0	0	0	0

130	220	47	0	0	0	0	0	0	0	0	0	0
131	0	204	1069	0	0	0	0	0	0	0	0	0
132	0	145	1069	0	0	0	0	0	0	0	0	0
133	220	102	-50	0	0	0	0	0	0	0	0	0
134	220	0	1069	0	0	0	0	0	0	0	0	0
135	220	94	1069	0	0	0	0	0	0	0	0	0
136	110	506.988	958	0	0	0	0	0	0	0	0	0
137	220	110	1069	0	0	0	0	0	0	0	0	0
138	220	204	1069	0	0	0	0	0	0	0	0	0
139	0	59	1069	0	0	0	0	0	0	0	0	0
140	220	157	-50	0	0	0	0	0	0	0	0	0
141	220	157	0	0	0	0	0	0	0	0	0	0
142	0	0	1069	0	0	0	0	0	0	0	0	0
143	60	204	1069	0	0	0	0	0	0	0	0	0
144	220	204	-50	0	0	0	0	0	0	0	0	0
145	110	439.375	958	0	0	0	0	0	0	0	0	0
146	160	204	1069	0	0	0	0	0	0	0	0	0
147	65	0	1069	0	0	0	0	0	0	0	0	0
148	30	204	-50	0	0	0	0	0	0	0	0	0
149	30	204	0	0	0	0	0	0	0	0	0	0
150	155	0	1069	0	0	0	0	0	0	0	0	0
151	30	0	995	0	0	0	0	0	0	0	0	0
152	60	204	-50	0	0	0	0	0	0	0	0	0
153	110	364.25	958	0	0	0	0	0	0	0	0	0
154	0	0	995	0	0	0	0	0	0	0	0	0
155	30	0	1032	0	0	0	0	0	0	0	0	0
156	93.3333	204	-50	0	0	0	0	0	0	0	0	0
157	93.3333	204	0	0	0	0	0	0	0	0	0	0
158	110	289.125	958	0	0	0	0	0	0	0	0	0
159	0	0	1032	0	0	0	0	0	0	0	0	0
160	30	0	1069	0	0	0	0	0	0	0	0	0
161	126.667	204	-50	0	0	0	0	0	0	0	0	0
162	126.667	204	0	0	0	0	0	0	0	0	0	0
163	65	0	995	0	0	0	0	0	0	0	0	0
164	65	0	1032	0	0	0	0	0	0	0	0	0
165	160	204	-50	0	0	0	0	0	0	0	0	0
166	110	221.512	958	0	0	0	0	0	0	0	0	0
167	190	0	995	0	0	0	0	0	0	0	0	0
168	155	0	995	0	0	0	0	0	0	0	0	0
169	0	204	49	0	0	0	0	0	0	0	0	0
170	0	145	49	0	0	0	0	0	0	0	0	0
171	220	0	49	0	0	0	0	0	0	0	0	0
172	220	94	49	0	0	0	0	0	0	0	0	0
173	220	110	49	0	0	0	0	0	0	0	0	0
174	220	204	49	0	0	0	0	0	0	0	0	0
175	0	59	49	0	0	0	0	0	0	0	0	0
176	0	0	49	0	0	0	0	0	0	0	0	0
177	60	204	49	0	0	0	0	0	0	0	0	0
178	160	204	49	0	0	0	0	0	0	0	0	0
179	60	0	49	0	0	0	0	0	0	0	0	0
180	160	0	49	0	0	0	0	0	0	0	0	0
181	0	182	49	0	0	0	0	0	0	0	0	0
182	0	102	49	0	0	0	0	0	0	0	0	0
183	0	22	49	0	0	0	0	0	0	0	0	0
184	30	0	49	0	0	0	0	0	0	0	0	0
185	190	0	49	0	0	0	0	0	0	0	0	0
186	220	47	49	0	0	0	0	0	0	0	0	0
187	220	157	49	0	0	0	0	0	0	0	0	0
188	190	204	49	0	0	0	0	0	0	0	0	0
189	126.667	204	49	0	0	0	0	0	0	0	0	0
190	93.3333	204	49	0	0	0	0	0	0	0	0	0
191	30	182	-155	1	1	1	1	1	1	0	0	0
192	190	182	-155	1	1	1	1	1	1	0	0	0
193	30	204	49	0	0	0	0	0	0	0	0	0
194	0	204	210	0	0	0	0	0	0	0	0	0
195	0	145	210	0	0	0	0	0	0	0	0	0
196	220	0	210	0	0	0	0	0	0	0	0	0
197	220	94	210	0	0	0	0	0	0	0	0	0

198	220	110	210	0	0	0	0	0	0	0	0	0
199	220	204	210	0	0	0	0	0	0	0	0	0
200	0	59	210	0	0	0	0	0	0	0	0	0
201	0	0	210	0	0	0	0	0	0	0	0	0
202	60	204	210	0	0	0	0	0	0	0	0	0
203	160	204	210	0	0	0	0	0	0	0	0	0
204	60	0	210	0	0	0	0	0	0	0	0	0
205	160	0	210	0	0	0	0	0	0	0	0	0
206	30	0	93	0	0	0	0	0	0	0	0	0
207	0	0	93	0	0	0	0	0	0	0	0	0
208	30	0	137	0	0	0	0	0	0	0	0	0
209	0	0	137	0	0	0	0	0	0	0	0	0
210	30	0	181	0	0	0	0	0	0	0	0	0
211	0	0	181	0	0	0	0	0	0	0	0	0
212	30	0	210	0	0	0	0	0	0	0	0	0
213	60	0	93	0	0	0	0	0	0	0	0	0
214	60	0	137	0	0	0	0	0	0	0	0	0
215	60	0	181	0	0	0	0	0	0	0	0	0
216	190	0	93	0	0	0	0	0	0	0	0	0
217	160	0	93	0	0	0	0	0	0	0	0	0
218	190	0	137	0	0	0	0	0	0	0	0	0
219	160	0	137	0	0	0	0	0	0	0	0	0
220	190	0	181	0	0	0	0	0	0	0	0	0
221	160	0	181	0	0	0	0	0	0	0	0	0
222	190	0	210	0	0	0	0	0	0	0	0	0
223	220	0	93	0	0	0	0	0	0	0	0	0
224	220	0	137	0	0	0	0	0	0	0	0	0
225	220	0	181	0	0	0	0	0	0	0	0	0
226	220	47	93	0	0	0	0	0	0	0	0	0
227	220	47	137	0	0	0	0	0	0	0	0	0
228	220	47	181	0	0	0	0	0	0	0	0	0
229	220	47	210	0	0	0	0	0	0	0	0	0
230	220	94	93	0	0	0	0	0	0	0	0	0
231	220	94	137	0	0	0	0	0	0	0	0	0
232	220	94	181	0	0	0	0	0	0	0	0	0
233	220	157	93	0	0	0	0	0	0	0	0	0
234	220	110	93	0	0	0	0	0	0	0	0	0
235	220	157	137	0	0	0	0	0	0	0	0	0
236	220	110	137	0	0	0	0	0	0	0	0	0
237	220	157	181	0	0	0	0	0	0	0	0	0
238	220	110	181	0	0	0	0	0	0	0	0	0
239	220	157	210	0	0	0	0	0	0	0	0	0
240	220	204	93	0	0	0	0	0	0	0	0	0
241	220	204	137	0	0	0	0	0	0	0	0	0
242	220	204	181	0	0	0	0	0	0	0	0	0
243	190	204	93	0	0	0	0	0	0	0	0	0
244	190	204	137	0	0	0	0	0	0	0	0	0
245	190	204	181	0	0	0	0	0	0	0	0	0
246	190	204	210	0	0	0	0	0	0	0	0	0
247	160	204	93	0	0	0	0	0	0	0	0	0
248	160	204	137	0	0	0	0	0	0	0	0	0
249	160	204	181	0	0	0	0	0	0	0	0	0
250	126.667	204	93	0	0	0	0	0	0	0	0	0
251	126.667	204	137	0	0	0	0	0	0	0	0	0
252	126.667	204	181	0	0	0	0	0	0	0	0	0
253	126.667	204	210	0	0	0	0	0	0	0	0	0
254	93.3333	204	93	0	0	0	0	0	0	0	0	0
255	93.3333	204	137	0	0	0	0	0	0	0	0	0
256	93.3333	204	181	0	0	0	0	0	0	0	0	0
257	93.3333	204	210	0	0	0	0	0	0	0	0	0
258	60	204	93	0	0	0	0	0	0	0	0	0
259	60	204	137	0	0	0	0	0	0	0	0	0
260	60	204	181	0	0	0	0	0	0	0	0	0
261	30	204	93	0	0	0	0	0	0	0	0	0
262	30	204	137	0	0	0	0	0	0	0	0	0
263	30	204	181	0	0	0	0	0	0	0	0	0
264	30	204	210	0	0	0	0	0	0	0	0	0
265	0	204	93	0	0	0	0	0	0	0	0	0

266	0	204	137	0	0	0	0	0	0	0	0	0
267	0	204	181	0	0	0	0	0	0	0	0	0
268	0	182	93	0	0	0	0	0	0	0	0	0
269	0	182	137	0	0	0	0	0	0	0	0	0
270	0	182	181	0	0	0	0	0	0	0	0	0
271	0	182	210	0	0	0	0	0	0	0	0	0
272	0	145	93	0	0	0	0	0	0	0	0	0
273	0	145	137	0	0	0	0	0	0	0	0	0
274	0	145	181	0	0	0	0	0	0	0	0	0
275	0	22	93	0	0	0	0	0	0	0	0	0
276	0	59	93	0	0	0	0	0	0	0	0	0
277	0	22	137	0	0	0	0	0	0	0	0	0
278	0	59	137	0	0	0	0	0	0	0	0	0
279	0	22	181	0	0	0	0	0	0	0	0	0
280	0	59	181	0	0	0	0	0	0	0	0	0
281	0	22	210	0	0	0	0	0	0	0	0	0
282	0	204	353	0	0	0	0	0	0	0	0	0
283	0	145	353	0	0	0	0	0	0	0	0	0
284	220	0	353	0	0	0	0	0	0	0	0	0
285	220	94	353	0	0	0	0	0	0	0	0	0
286	220	110	353	0	0	0	0	0	0	0	0	0
287	220	204	353	0	0	0	0	0	0	0	0	0
288	0	59	353	0	0	0	0	0	0	0	0	0
289	0	0	353	0	0	0	0	0	0	0	0	0
290	60	204	353	0	0	0	0	0	0	0	0	0
291	160	204	353	0	0	0	0	0	0	0	0	0
292	65	0	353	0	0	0	0	0	0	0	0	0
293	155	0	353	0	0	0	0	0	0	0	0	0
294	30	0	267.667	0	0	0	0	0	0	0	0	0
295	0	0	267.667	0	0	0	0	0	0	0	0	0
296	30	0	310.333	0	0	0	0	0	0	0	0	0
297	0	0	310.333	0	0	0	0	0	0	0	0	0
298	30	0	353	0	0	0	0	0	0	0	0	0
299	60	0	267.667	0	0	0	0	0	0	0	0	0
300	60	0	310.333	0	0	0	0	0	0	0	0	0
301	190	0	267.667	0	0	0	0	0	0	0	0	0
302	160	0	267.667	0	0	0	0	0	0	0	0	0
303	190	0	310.333	0	0	0	0	0	0	0	0	0
304	160	0	310.333	0	0	0	0	0	0	0	0	0
305	190	0	353	0	0	0	0	0	0	0	0	0
306	220	0	267.667	0	0	0	0	0	0	0	0	0
307	220	0	310.333	0	0	0	0	0	0	0	0	0
308	93.3333	0	210	0	0	0	0	0	0	0	0	0
309	93.3333	0	267.667	0	0	0	0	0	0	0	0	0
310	93.3333	0	310.333	0	0	0	0	0	0	0	0	0
311	93.3333	0	353	0	0	0	0	0	0	0	0	0
312	126.667	0	210	0	0	0	0	0	0	0	0	0
313	126.667	0	267.667	0	0	0	0	0	0	0	0	0
314	126.667	0	310.333	0	0	0	0	0	0	0	0	0
315	126.667	0	353	0	0	0	0	0	0	0	0	0
316	220	47	267.667	0	0	0	0	0	0	0	0	0
317	220	47	310.333	0	0	0	0	0	0	0	0	0
318	220	47	353	0	0	0	0	0	0	0	0	0
319	220	94	267.667	0	0	0	0	0	0	0	0	0
320	220	94	310.333	0	0	0	0	0	0	0	0	0
321	220	157	267.667	0	0	0	0	0	0	0	0	0
322	220	110	267.667	0	0	0	0	0	0	0	0	0
323	220	157	310.333	0	0	0	0	0	0	0	0	0
324	220	110	310.333	0	0	0	0	0	0	0	0	0
325	220	157	353	0	0	0	0	0	0	0	0	0
326	220	204	267.667	0	0	0	0	0	0	0	0	0
327	220	204	310.333	0	0	0	0	0	0	0	0	0
328	190	204	267.667	0	0	0	0	0	0	0	0	0
329	190	204	310.333	0	0	0	0	0	0	0	0	0
330	190	204	353	0	0	0	0	0	0	0	0	0
331	160	204	267.667	0	0	0	0	0	0	0	0	0
332	160	204	310.333	0	0	0	0	0	0	0	0	0
333	126.667	204	267.667	0	0	0	0	0	0	0	0	0

334	126.667	204	310.333	0	0	0	0	0	0	0	0	0
335	126.667	204	353	0	0	0	0	0	0	0	0	0
336	93.3333	204	267.667	0	0	0	0	0	0	0	0	0
337	93.3333	204	310.333	0	0	0	0	0	0	0	0	0
338	93.3333	204	353	0	0	0	0	0	0	0	0	0
339	60	204	267.667	0	0	0	0	0	0	0	0	0
340	60	204	310.333	0	0	0	0	0	0	0	0	0
341	30	204	267.667	0	0	0	0	0	0	0	0	0
342	30	204	310.333	0	0	0	0	0	0	0	0	0
343	30	204	353	0	0	0	0	0	0	0	0	0
344	0	204	267.667	0	0	0	0	0	0	0	0	0
345	0	204	310.333	0	0	0	0	0	0	0	0	0
346	0	182	267.667	0	0	0	0	0	0	0	0	0
347	0	182	310.333	0	0	0	0	0	0	0	0	0
348	0	182	353	0	0	0	0	0	0	0	0	0
349	0	145	267.667	0	0	0	0	0	0	0	0	0
350	0	145	310.333	0	0	0	0	0	0	0	0	0
351	0	22	267.667	0	0	0	0	0	0	0	0	0
352	0	59	267.667	0	0	0	0	0	0	0	0	0
353	0	22	310.333	0	0	0	0	0	0	0	0	0
354	0	59	310.333	0	0	0	0	0	0	0	0	0
355	0	22	353	0	0	0	0	0	0	0	0	0
356	0	204	958	0	0	0	0	0	0	0	0	0
357	0	145	958	0	0	0	0	0	0	0	0	0
358	220	0	958	0	0	0	0	0	0	0	0	0
359	220	94	958	0	0	0	0	0	0	0	0	0
360	220	110	958	0	0	0	0	0	0	0	0	0
361	220	204	958	0	0	0	0	0	0	0	0	0
362	0	59	958	0	0	0	0	0	0	0	0	0
363	0	0	958	0	0	0	0	0	0	0	0	0
364	60	204	958	0	0	0	0	0	0	0	0	0
365	160	204	958	0	0	0	0	0	0	0	0	0
366	65	0	958	0	0	0	0	0	0	0	0	0
367	155	0	958	0	0	0	0	0	0	0	0	0
368	30	0	399.538	0	0	0	0	0	0	0	0	0
369	0	0	399.538	0	0	0	0	0	0	0	0	0
370	30	0	446.077	0	0	0	0	0	0	0	0	0
371	0	0	446.077	0	0	0	0	0	0	0	0	0
372	30	0	492.615	0	0	0	0	0	0	0	0	0
373	0	0	492.615	0	0	0	0	0	0	0	0	0
374	30	0	539.154	0	0	0	0	0	0	0	0	0
375	0	0	539.154	0	0	0	0	0	0	0	0	0
376	30	0	585.692	0	0	0	0	0	0	0	0	0
377	0	0	585.692	0	0	0	0	0	0	0	0	0
378	30	0	632.231	0	0	0	0	0	0	0	0	0
379	0	0	632.231	0	0	0	0	0	0	0	0	0
380	30	0	678.769	0	0	0	0	0	0	0	0	0
381	0	0	678.769	0	0	0	0	0	0	0	0	0
382	30	0	725.308	0	0	0	0	0	0	0	0	0
383	0	0	725.308	0	0	0	0	0	0	0	0	0
384	30	0	771.846	0	0	0	0	0	0	0	0	0
385	0	0	771.846	0	0	0	0	0	0	0	0	0
386	30	0	818.385	0	0	0	0	0	0	0	0	0
387	0	0	818.385	0	0	0	0	0	0	0	0	0
388	30	0	864.923	0	0	0	0	0	0	0	0	0
389	0	0	864.923	0	0	0	0	0	0	0	0	0
390	30	0	911.462	0	0	0	0	0	0	0	0	0
391	0	0	911.462	0	0	0	0	0	0	0	0	0
392	30	0	958	0	0	0	0	0	0	0	0	0
393	65	0	399.538	0	0	0	0	0	0	0	0	0
394	65	0	446.077	0	0	0	0	0	0	0	0	0
395	65	0	492.615	0	0	0	0	0	0	0	0	0
396	65	0	539.154	0	0	0	0	0	0	0	0	0
397	65	0	585.692	0	0	0	0	0	0	0	0	0
398	65	0	632.231	0	0	0	0	0	0	0	0	0
399	65	0	678.769	0	0	0	0	0	0	0	0	0
400	65	0	725.308	0	0	0	0	0	0	0	0	0
401	65	0	771.846	0	0	0	0	0	0	0	0	0

402	65	0 818.385	0 0 0 0 0 0 0 0 0 0
403	65	0 864.923	0 0 0 0 0 0 0 0 0 0
404	65	0 911.462	0 0 0 0 0 0 0 0 0 0
405	190	0 399.538	0 0 0 0 0 0 0 0 0 0
406	155	0 399.538	0 0 0 0 0 0 0 0 0 0
407	190	0 446.077	0 0 0 0 0 0 0 0 0 0
408	155	0 446.077	0 0 0 0 0 0 0 0 0 0
409	190	0 492.615	0 0 0 0 0 0 0 0 0 0
410	155	0 492.615	0 0 0 0 0 0 0 0 0 0
411	190	0 539.154	0 0 0 0 0 0 0 0 0 0
412	155	0 539.154	0 0 0 0 0 0 0 0 0 0
413	190	0 585.692	0 0 0 0 0 0 0 0 0 0
414	155	0 585.692	0 0 0 0 0 0 0 0 0 0
415	190	0 632.231	0 0 0 0 0 0 0 0 0 0
416	155	0 632.231	0 0 0 0 0 0 0 0 0 0
417	190	0 678.769	0 0 0 0 0 0 0 0 0 0
418	155	0 678.769	0 0 0 0 0 0 0 0 0 0
419	190	0 725.308	0 0 0 0 0 0 0 0 0 0
420	155	0 725.308	0 0 0 0 0 0 0 0 0 0
421	190	0 771.846	0 0 0 0 0 0 0 0 0 0
422	155	0 771.846	0 0 0 0 0 0 0 0 0 0
423	190	0 818.385	0 0 0 0 0 0 0 0 0 0
424	155	0 818.385	0 0 0 0 0 0 0 0 0 0
425	190	0 864.923	0 0 0 0 0 0 0 0 0 0
426	155	0 864.923	0 0 0 0 0 0 0 0 0 0
427	190	0 911.462	0 0 0 0 0 0 0 0 0 0
428	155	0 911.462	0 0 0 0 0 0 0 0 0 0
429	190	0 958	0 0 0 0 0 0 0 0 0 0
430	220	0 399.538	0 0 0 0 0 0 0 0 0 0
431	220	0 446.077	0 0 0 0 0 0 0 0 0 0
432	220	0 492.615	0 0 0 0 0 0 0 0 0 0
433	220	0 539.154	0 0 0 0 0 0 0 0 0 0
434	220	0 585.692	0 0 0 0 0 0 0 0 0 0
435	220	0 632.231	0 0 0 0 0 0 0 0 0 0
436	220	0 678.769	0 0 0 0 0 0 0 0 0 0
437	220	0 725.308	0 0 0 0 0 0 0 0 0 0
438	220	0 771.846	0 0 0 0 0 0 0 0 0 0
439	220	0 818.385	0 0 0 0 0 0 0 0 0 0
440	220	0 864.923	0 0 0 0 0 0 0 0 0 0
441	220	0 911.462	0 0 0 0 0 0 0 0 0 0
442	220	47 399.538	0 0 0 0 0 0 0 0 0 0
443	220	47 446.077	0 0 0 0 0 0 0 0 0 0
444	220	47 492.615	0 0 0 0 0 0 0 0 0 0
445	220	47 539.154	0 0 0 0 0 0 0 0 0 0
446	220	47 585.692	0 0 0 0 0 0 0 0 0 0
447	220	47 632.231	0 0 0 0 0 0 0 0 0 0
448	220	47 678.769	0 0 0 0 0 0 0 0 0 0
449	220	47 725.308	0 0 0 0 0 0 0 0 0 0
450	220	47 771.846	0 0 0 0 0 0 0 0 0 0
451	220	47 818.385	0 0 0 0 0 0 0 0 0 0
452	220	47 864.923	0 0 0 0 0 0 0 0 0 0
453	220	47 911.462	0 0 0 0 0 0 0 0 0 0
454	220	47 958	0 0 0 0 0 0 0 0 0 0
455	220	94 399.538	0 0 0 0 0 0 0 0 0 0
456	220	94 446.077	0 0 0 0 0 0 0 0 0 0
457	220	94 492.615	0 0 0 0 0 0 0 0 0 0
458	220	94 539.154	0 0 0 0 0 0 0 0 0 0
459	220	94 585.692	0 0 0 0 0 0 0 0 0 0
460	220	94 632.231	0 0 0 0 0 0 0 0 0 0
461	220	94 678.769	0 0 0 0 0 0 0 0 0 0
462	220	94 725.308	0 0 0 0 0 0 0 0 0 0
463	220	94 771.846	0 0 0 0 0 0 0 0 0 0
464	220	94 818.385	0 0 0 0 0 0 0 0 0 0
465	220	94 864.923	0 0 0 0 0 0 0 0 0 0
466	220	94 911.462	0 0 0 0 0 0 0 0 0 0
467	220	157 399.538	0 0 0 0 0 0 0 0 0 0
468	220	110 399.538	0 0 0 0 0 0 0 0 0 0
469	220	157 446.077	0 0 0 0 0 0 0 0 0 0

470	220	110 446.077	0 0 0 0 0 0 0 0 0 0
471	220	157 492.615	0 0 0 0 0 0 0 0 0 0
472	220	110 492.615	0 0 0 0 0 0 0 0 0 0
473	220	157 539.154	0 0 0 0 0 0 0 0 0 0
474	220	110 539.154	0 0 0 0 0 0 0 0 0 0
475	220	157 585.692	0 0 0 0 0 0 0 0 0 0
476	220	110 585.692	0 0 0 0 0 0 0 0 0 0
477	220	157 632.231	0 0 0 0 0 0 0 0 0 0
478	220	110 632.231	0 0 0 0 0 0 0 0 0 0
479	220	157 678.769	0 0 0 0 0 0 0 0 0 0
480	220	110 678.769	0 0 0 0 0 0 0 0 0 0
481	220	157 725.308	0 0 0 0 0 0 0 0 0 0
482	220	110 725.308	0 0 0 0 0 0 0 0 0 0
483	220	157 771.846	0 0 0 0 0 0 0 0 0 0
484	220	110 771.846	0 0 0 0 0 0 0 0 0 0
485	220	157 818.385	0 0 0 0 0 0 0 0 0 0
486	220	110 818.385	0 0 0 0 0 0 0 0 0 0
487	220	157 864.923	0 0 0 0 0 0 0 0 0 0
488	220	110 864.923	0 0 0 0 0 0 0 0 0 0
489	220	157 911.462	0 0 0 0 0 0 0 0 0 0
490	220	110 911.462	0 0 0 0 0 0 0 0 0 0
491	220	157 958	0 0 0 0 0 0 0 0 0 0
492	220	204 399.538	0 0 0 0 0 0 0 0 0 0
493	220	204 446.077	0 0 0 0 0 0 0 0 0 0
494	220	204 492.615	0 0 0 0 0 0 0 0 0 0
495	220	204 539.154	0 0 0 0 0 0 0 0 0 0
496	220	204 585.692	0 0 0 0 0 0 0 0 0 0
497	220	204 632.231	0 0 0 0 0 0 0 0 0 0
498	220	204 678.769	0 0 0 0 0 0 0 0 0 0
499	220	204 725.308	0 0 0 0 0 0 0 0 0 0
500	220	204 771.846	0 0 0 0 0 0 0 0 0 0
501	220	204 818.385	0 0 0 0 0 0 0 0 0 0
502	220	204 864.923	0 0 0 0 0 0 0 0 0 0
503	220	204 911.462	0 0 0 0 0 0 0 0 0 0
504	190	204 399.538	0 0 0 0 0 0 0 0 0 0
505	190	204 446.077	0 0 0 0 0 0 0 0 0 0
506	190	204 492.615	0 0 0 0 0 0 0 0 0 0
507	190	204 539.154	0 0 0 0 0 0 0 0 0 0
508	190	204 585.692	0 0 0 0 0 0 0 0 0 0
509	190	204 632.231	0 0 0 0 0 0 0 0 0 0
510	190	204 678.769	0 0 0 0 0 0 0 0 0 0
511	190	204 725.308	0 0 0 0 0 0 0 0 0 0
512	190	204 771.846	0 0 0 0 0 0 0 0 0 0
513	190	204 818.385	0 0 0 0 0 0 0 0 0 0
514	190	204 864.923	0 0 0 0 0 0 0 0 0 0
515	190	204 911.462	0 0 0 0 0 0 0 0 0 0
516	190	204 958	0 0 0 0 0 0 0 0 0 0
517	160	204 399.538	0 0 0 0 0 0 0 0 0 0
518	160	204 446.077	0 0 0 0 0 0 0 0 0 0
519	160	204 492.615	0 0 0 0 0 0 0 0 0 0
520	160	204 539.154	0 0 0 0 0 0 0 0 0 0
521	160	204 585.692	0 0 0 0 0 0 0 0 0 0
522	160	204 632.231	0 0 0 0 0 0 0 0 0 0
523	160	204 678.769	0 0 0 0 0 0 0 0 0 0
524	160	204 725.308	0 0 0 0 0 0 0 0 0 0
525	160	204 771.846	0 0 0 0 0 0 0 0 0 0
526	160	204 818.385	0 0 0 0 0 0 0 0 0 0
527	160	204 864.923	0 0 0 0 0 0 0 0 0 0
528	160	204 911.462	0 0 0 0 0 0 0 0 0 0
529	126.667	204 399.538	0 0 0 0 0 0 0 0 0 0
530	126.667	204 446.077	0 0 0 0 0 0 0 0 0 0
531	126.667	204 492.615	0 0 0 0 0 0 0 0 0 0
532	126.667	204 539.154	0 0 0 0 0 0 0 0 0 0
533	126.667	204 585.692	0 0 0 0 0 0 0 0 0 0
534	126.667	204 632.231	0 0 0 0 0 0 0 0 0 0
535	126.667	204 678.769	0 0 0 0 0 0 0 0 0 0
536	126.667	204 725.308	0 0 0 0 0 0 0 0 0 0
537	126.667	204 771.846	0 0 0 0 0 0 0 0 0 0

538	126.667	204	818.385	0	0	0	0	0	0	0	0	0
539	126.667	204	864.923	0	0	0	0	0	0	0	0	0
540	126.667	204	911.462	0	0	0	0	0	0	0	0	0
541	126.667	204	958	0	0	0	0	0	0	0	0	0
542	93.3333	204	399.538	0	0	0	0	0	0	0	0	0
543	93.3333	204	446.077	0	0	0	0	0	0	0	0	0
544	93.3333	204	492.615	0	0	0	0	0	0	0	0	0
545	93.3333	204	539.154	0	0	0	0	0	0	0	0	0
546	93.3333	204	585.692	0	0	0	0	0	0	0	0	0
547	93.3333	204	632.231	0	0	0	0	0	0	0	0	0
548	93.3333	204	678.769	0	0	0	0	0	0	0	0	0
549	93.3333	204	725.308	0	0	0	0	0	0	0	0	0
550	93.3333	204	771.846	0	0	0	0	0	0	0	0	0
551	93.3333	204	818.385	0	0	0	0	0	0	0	0	0
552	93.3333	204	864.923	0	0	0	0	0	0	0	0	0
553	93.3333	204	911.462	0	0	0	0	0	0	0	0	0
554	93.3333	204	958	0	0	0	0	0	0	0	0	0
555	60	204	399.538	0	0	0	0	0	0	0	0	0
556	60	204	446.077	0	0	0	0	0	0	0	0	0
557	60	204	492.615	0	0	0	0	0	0	0	0	0
558	60	204	539.154	0	0	0	0	0	0	0	0	0
559	60	204	585.692	0	0	0	0	0	0	0	0	0
560	60	204	632.231	0	0	0	0	0	0	0	0	0
561	60	204	678.769	0	0	0	0	0	0	0	0	0
562	60	204	725.308	0	0	0	0	0	0	0	0	0
563	60	204	771.846	0	0	0	0	0	0	0	0	0
564	60	204	818.385	0	0	0	0	0	0	0	0	0
565	60	204	864.923	0	0	0	0	0	0	0	0	0
566	60	204	911.462	0	0	0	0	0	0	0	0	0
567	30	204	399.538	0	0	0	0	0	0	0	0	0
568	30	204	446.077	0	0	0	0	0	0	0	0	0
569	30	204	492.615	0	0	0	0	0	0	0	0	0
570	30	204	539.154	0	0	0	0	0	0	0	0	0
571	30	204	585.692	0	0	0	0	0	0	0	0	0
572	30	204	632.231	0	0	0	0	0	0	0	0	0
573	30	204	678.769	0	0	0	0	0	0	0	0	0
574	30	204	725.308	0	0	0	0	0	0	0	0	0
575	30	204	771.846	0	0	0	0	0	0	0	0	0
576	30	204	818.385	0	0	0	0	0	0	0	0	0
577	30	204	864.923	0	0	0	0	0	0	0	0	0
578	30	204	911.462	0	0	0	0	0	0	0	0	0
579	30	204	958	0	0	0	0	0	0	0	0	0
580	0	204	399.538	0	0	0	0	0	0	0	0	0
581	0	204	446.077	0	0	0	0	0	0	0	0	0
582	0	204	492.615	0	0	0	0	0	0	0	0	0
583	0	204	539.154	0	0	0	0	0	0	0	0	0
584	0	204	585.692	0	0	0	0	0	0	0	0	0
585	0	204	632.231	0	0	0	0	0	0	0	0	0
586	0	204	678.769	0	0	0	0	0	0	0	0	0
587	0	204	725.308	0	0	0	0	0	0	0	0	0
588	0	204	771.846	0	0	0	0	0	0	0	0	0
589	0	204	818.385	0	0	0	0	0	0	0	0	0
590	0	204	864.923	0	0	0	0	0	0	0	0	0
591	0	204	911.462	0	0	0	0	0	0	0	0	0
592	0	182	399.538	0	0	0	0	0	0	0	0	0
593	0	182	446.077	0	0	0	0	0	0	0	0	0
594	0	182	492.615	0	0	0	0	0	0	0	0	0
595	0	182	539.154	0	0	0	0	0	0	0	0	0
596	0	182	585.692	0	0	0	0	0	0	0	0	0
597	0	182	632.231	0	0	0	0	0	0	0	0	0
598	0	182	678.769	0	0	0	0	0	0	0	0	0
599	0	182	725.308	0	0	0	0	0	0	0	0	0
600	0	182	771.846	0	0	0	0	0	0	0	0	0
601	0	182	818.385	0	0	0	0	0	0	0	0	0
602	0	182	864.923	0	0	0	0	0	0	0	0	0
603	0	182	911.462	0	0	0	0	0	0	0	0	0
604	0	182	958	0	0	0	0	0	0	0	0	0
605	0	145	399.538	0	0	0	0	0	0	0	0	0

606	0	145	446.077	0	0	0	0	0	0	0	0	0
607	0	145	492.615	0	0	0	0	0	0	0	0	0
608	0	145	539.154	0	0	0	0	0	0	0	0	0
609	0	145	585.692	0	0	0	0	0	0	0	0	0
610	0	145	632.231	0	0	0	0	0	0	0	0	0
611	0	145	678.769	0	0	0	0	0	0	0	0	0
612	0	145	725.308	0	0	0	0	0	0	0	0	0
613	0	145	771.846	0	0	0	0	0	0	0	0	0
614	0	145	818.385	0	0	0	0	0	0	0	0	0
615	0	145	864.923	0	0	0	0	0	0	0	0	0
616	0	145	911.462	0	0	0	0	0	0	0	0	0
617	0	22	399.538	0	0	0	0	0	0	0	0	0
618	0	59	399.538	0	0	0	0	0	0	0	0	0
619	0	22	446.077	0	0	0	0	0	0	0	0	0
620	0	59	446.077	0	0	0	0	0	0	0	0	0
621	0	22	492.615	0	0	0	0	0	0	0	0	0
622	0	59	492.615	0	0	0	0	0	0	0	0	0
623	166	204	1209	0	0	0	0	0	0	0	0	0
624	54	204	1209	0	0	0	0	0	0	0	0	0
625	220	47	1249	0	0	0	0	0	0	0	0	1
626	220	102	-145	0	0	0	0	0	0	0	0	0
627	220	157	1249	0	0	0	0	0	0	0	0	1
628	0	145	-100	0	0	0	0	0	0	0	0	0
629	0	182	-145	0	0	0	0	0	0	0	0	0
630	0	182	-100	0	0	0	0	0	0	0	0	0
631	60	59	-145	0	0	0	0	0	0	0	0	0
632	160	59	-145	0	0	0	0	0	0	0	0	0
633	30	59	-145	0	0	0	0	0	0	0	0	0
634	93.3333	59	-145	0	0	0	0	0	0	0	0	0
635	126.667	59	-145	0	0	0	0	0	0	0	0	0
636	190	59	-145	0	0	0	0	0	0	0	0	0
637	60	145	-145	0	0	0	0	0	0	0	0	0
638	160	145	-145	0	0	0	0	0	0	0	0	0
639	30	145	-145	0	0	0	0	0	0	0	0	0
640	93.3333	145	-145	0	0	0	0	0	0	0	0	0
641	126.667	145	-145	0	0	0	0	0	0	0	0	0
642	190	145	-145	0	0	0	0	0	0	0	0	0
643	93.3333	102	-145	0	0	0	0	0	0	0	0	0
644	60	182	-145	0	0	0	0	0	0	0	0	0
645	30	0	-145	0	0	0	0	0	0	0	0	0
646	0	0	-100	0	0	0	0	0	0	0	0	0
647	30	0	-100	0	0	0	0	0	0	0	0	0
648	0	0	-145	0	0	0	0	0	0	0	0	0
649	60	0	-145	0	0	0	0	0	0	0	0	0
650	60	0	-100	0	0	0	0	0	0	0	0	0
651	190	0	-145	0	0	0	0	0	0	0	0	0
652	160	0	-145	0	0	0	0	0	0	0	0	0
653	190	0	-100	0	0	0	0	0	0	0	0	0
654	160	0	-100	0	0	0	0	0	0	0	0	0
655	220	0	-145	0	0	0	0	0	0	0	0	0
656	220	0	-100	0	0	0	0	0	0	0	0	0
657	30	204	-145	0	0	0	0	0	0	0	0	0
658	0	204	-145	0	0	0	0	0	0	0	0	0
659	30	204	-100	0	0	0	0	0	0	0	0	0
660	0	204	-100	0	0	0	0	0	0	0	0	0
661	60	204	-145	0	0	0	0	0	0	0	0	0
662	60	204	-100	0	0	0	0	0	0	0	0	0
663	190	204	-145	0	0	0	0	0	0	0	0	0
664	160	204	-145	0	0	0	0	0	0	0	0	0
665	190	204	-100	0	0	0	0	0	0	0	0	0
666	160	204	-100	0	0	0	0	0	0	0	0	0
667	220	204	-145	0	0	0	0	0	0	0	0	0
668	220	204	-100	0	0	0	0	0	0	0	0	0
669	93.3333	0	-145	0	0	0	0	0	0	0	0	0
670	93.3333	0	-100	0	0	0	0	0	0	0	0	0
671	126.667	0	-145	0	0	0	0	0	0	0	0	0
672	126.667	0	-100	0	0	0	0	0	0	0	0	0
673	93.3333	204	-145	0	0	0	0	0	0	0	0	0

674	93.3333	204	-100	0	0	0	0	0	0	0	0	0
675	126.667	204	-145	0	0	0	0	0	0	0	0	0
676	126.667	204	-100	0	0	0	0	0	0	0	0	0
677	220	182	-145	0	0	0	0	0	0	0	0	0
678	220	47	1139	0	0	0	0	0	0	0	0	1
679	220	157	1139	0	0	0	0	0	0	0	0	1
680	220	145	-145	0	0	0	0	0	0	0	0	0
681	110	102	1309	0	0	0	0	0	0	0	0	0
682	126.667	102	-145	0	0	0	0	0	0	0	0	0
683	60	22	-145	0	0	0	0	0	0	0	0	0
684	93.3333	182	-145	0	0	0	0	0	0	0	0	0
685	160	182	-145	0	0	0	0	0	0	0	0	0
686	126.667	182	-145	0	0	0	0	0	0	0	0	0
687	160	22	-145	0	0	0	0	0	0	0	0	0
688	190	102	-145	0	0	0	0	0	0	0	0	0
689	160	102	-145	0	0	0	0	0	0	0	0	0
690	30	102	-145	0	0	0	0	0	0	0	0	0
691	60	102	-145	0	0	0	0	0	0	0	0	0
692	93.3333	22	-145	0	0	0	0	0	0	0	0	0
693	126.667	22	-145	0	0	0	0	0	0	0	0	0
694	30	22	-155	1	1	1	1	1	1	0	0	0
695	190	22	-155	1	1	1	1	1	1	0	0	0
696	54	204	1069	0	0	0	0	0	0	0	0	0
697	166	204	1069	0	0	0	0	0	0	0	0	0
698	220	0	1309	0	0	0	0	0	0	0	0	0
699	0	0	1309	0	0	0	0	0	0	0	0	0
700	0	204	1309	0	0	0	0	0	0	0	0	0
701	220	204	1309	0	0	0	0	0	0	0	0	0
702	166	204	1309	0	0	0	0	0	0	0	0	0
703	54	204	1309	0	0	0	0	0	0	0	0	0
704	54	0	1069	0	0	0	0	0	0	0	0	0
705	166	0	1069	0	0	0	0	0	0	0	0	0
706	166	0	1309	0	0	0	0	0	0	0	0	0
707	54	0	1309	0	0	0	0	0	0	0	0	0
708	0	47	1069	0	0	0	0	0	0	0	0	0
709	0	157	1069	0	0	0	0	0	0	0	0	0
710	220	157	1309	0	0	0	0	0	0	0	0	0

ESTREMI E DATI DEGLI ELEMENTI (Fase 1)

Elemento Estremi				Tipo Carico NodoK Massa Materiale-EE			
1	53	51	708	18	120	0	6
2	708	52	139	18	120	0	6
3	132	42	709	18	120	0	6
4	3	705	150	18	119	0	12
5	164	147	704	18	119	0	12
6	27	146	697	18	118	0	13
7	32	143	696	18	118	0	13
8	46	133	45	18	130	0	8
9	677	71	680	18	130	0	8
10	72	82	79	18	130	0	8
11	681	63		23	113	0	5
12	66	681		23	113	0	5
13	681	65		23	113	0	5
14	64	681		23	113	0	5
15	679	627		19	252	0	7
16	20	679		19	252	0	7
17	678	625		19	252	0	7
18	10	678		19	252	0	7
19	627	710		24	252	0	7
20	625	60		24	252	0	7
21	138	701		25	245	0	9
22	134	698		25	246	0	18
23	624	623		23	1	0	4
24	624	703		24	250	0	17
25	696	624		19	250	0	17
26	623	702		24	250	0	17
27	697	623		19	250	0	17

28	166 110	17	258	0	21
29	118 166	17	258	0	21
30	158 69	17	258	0	21
31	74 158	17	258	0	21
32	153 70	17	258	0	21
33	81 153	17	258	0	21
34	145 73	17	258	0	21
35	89 145	17	258	0	21
36	136 97	17	258	0	21
37	105 136	17	258	0	21
38	118 74	31	257	0	22
39	579 118	32	257	0	22
40	110 69	31	256	0	22
41	516 110	32	256	0	22
42	105 68	31	257	0	22
43	89 105	31	257	0	22
44	97 67	31	256	0	22
45	73 97	31	256	0	22
46	81 89	31	257	0	22
47	74 81	31	257	0	22
48	70 73	31	256	0	22
49	69 70	31	256	0	22
50	63 700	23	113	0	5
51	698 66	23	113	0	5
52	65 701	23	113	0	5
53	699 64	23	113	0	5
54	65 710	23	113	0	5
55	63 65	23	113	0	5
56	58 63	23	113	0	5
57	66 60	23	113	0	5
58	64 66	23	113	0	5
59	59 64	23	113	0	5
60	706 66	23	3	0	3
61	66 65	23	3	0	3
62	65 702	23	3	0	3
63	63 703	23	3	0	3
64	64 63	23	3	0	3
65	707 64	23	3	0	3
66	709 40 37	18	120	0	14
67	42 37 709	18	120	0	14
68	51 52 708	18	120	0	14
69	5 705 2	18	119	0	23
70	704 155 160	18	119	0	23
71	164 704 155	18	119	0	23
72	2 705 3	18	119	0	23
73	697 24 25	18	118	0	24
74	27 24 697	18	118	0	24
75	31 32 696	18	118	0	24
76	31 696 33	18	118	0	24
77	702 701	22	113	0	5
78	703 702	22	113	0	5
79	700 703	22	113	0	5
80	706 698	22	113	0	5
81	707 706	22	113	0	5
82	699 707	22	113	0	5
83	710 701	22	4	0	2
84	60 710	22	4	0	2
85	698 60	22	4	0	2
86	58 700	22	4	0	2
87	59 58	22	4	0	2
88	699 59	22	4	0	2
89	708 59	24	251	0	20
90	709 58	24	251	0	20
91	709 40	21	130	0	15
92	132 709	21	130	0	15
93	708 53	21	130	0	15
94	139 708	21	130	0	15
95	704 707	24	249	0	26

96	705 706	24	249	0	26
97	705 150	21	130	0	15
98	5 705	21	130	0	15
99	704 147	21	130	0	15
100	160 704	21	130	0	15
101	142 699	25	248	0	19
102	131 700	25	247	0	28
103	697 146	20	130	0	15
104	25 697	20	130	0	15
105	696 143	20	130	0	15
106	33 696	20	130	0	15
107	205 222	26	114	0	1
108	212 204	26	114	0	1
109	312 205	26	114	0	1
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111	204 308	26	114	0	1
112	32 143	26	126	0	10
113	30 32	26	126	0	10
114	364 30	26	126	0	10
115	27 146	26	126	0	10
116	26 27	26	126	0	10
117	365 26	26	126	0	10
118	3 150	26	127	0	29
119	168 3	26	127	0	29
120	367 168	26	127	0	29
121	428 367	26	127	0	29
122	426 428	26	127	0	29
123	424 426	26	127	0	29
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133	293 406	26	127	0	29
134	164 147	26	127	0	29
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140	401 402	26	127	0	29
141	400 401	26	127	0	29
142	399 400	26	127	0	29
143	398 399	26	127	0	29
144	397 398	26	127	0	29
145	396 397	26	127	0	29
146	395 396	26	127	0	29
147	394 395	26	127	0	29
148	393 394	26	127	0	29
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157	213 214	26	127	0	29
158	179 213	26	127	0	29
159	56 179	26	127	0	29
160	42 132	26	125	0	30
161	41 42	26	125	0	30
162	357 41	26	125	0	30
163	616 357	26	125	0	30

164	615 616	26	125	0	30
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175	283 605	26	125	0	30
176	350 283	26	125	0	30
177	349 350	26	125	0	30
178	195 349	26	125	0	30
179	274 195	26	125	0	30
180	273 274	26	125	0	30
181	272 273	26	125	0	30
182	170 272	26	125	0	30
183	52 139	26	125	0	30
184	50 52	26	125	0	30
185	362 50	26	125	0	30
186	127 362	26	125	0	30
187	124 127	26	125	0	30
188	120 124	26	125	0	30
189	116 120	26	125	0	30
190	112 116	26	125	0	30
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192	103 107	26	125	0	30
193	99 103	26	125	0	30
194	62 99	26	125	0	30
195	622 62	26	125	0	30
196	620 622	26	125	0	30
197	618 620	26	125	0	30
198	288 618	26	125	0	30
199	354 288	26	125	0	30
200	352 354	26	125	0	30
201	200 352	26	125	0	30
202	280 200	26	125	0	30
203	278 280	26	125	0	30
204	276 278	26	125	0	30
205	175 276	26	125	0	30
206	230 234	28	129	0	16
207	232 238	28	129	0	16
208	319 322	28	129	0	16
209	285 286	28	129	0	16
210	456 470	28	129	0	16
211	458 474	28	129	0	16
212	460 478	28	129	0	16
213	462 482	28	129	0	16
214	464 486	28	129	0	16
215	12 16	28	129	0	16
216	466 490	28	129	0	16
217	280 274	17	129	0	16
218	127 616	17	129	0	16
219	404 428	17	129	0	16
220	14 192	27	0	0	0
221	11 191	27	0	0	0
222	4 695	27	0	0	0
223	1 694	27	0	0	0
224	62 608	17	129	0	16
225	112 612	17	129	0	16
226	400 420	17	129	0	16
227	396 412	17	129	0	16
228	20 138	21	130	0	15
229	137 20	21	130	0	15
230	10 135	21	130	0	15
231	134 10	21	130	0	15

232	131 40	21 130	0 15
233	53 142	21 130	0 15
234	33 131	20 130	0 15
235	25 138	20 130	0 15
236	5 134	21 130	0 15
237	160 142	21 130	0 15
238	686 685 664 675	29 131	0 27
239	641 638 685 686	29 131	0 27
240	684 686 675 673	29 131	0 27
241	640 641 686 684	29 131	0 27
242	644 684 673 661	29 131	0 27
243	637 640 684 644	29 131	0 27
244	682 689 638 641	29 131	0 27
245	635 632 689 682	29 131	0 27
246	643 682 641 640	29 131	0 27
247	634 635 682 643	29 131	0 27
248	691 643 640 637	29 131	0 27
249	631 634 643 691	29 131	0 27
250	693 687 632 635	29 131	0 27
251	671 652 687 693	29 131	0 27
252	692 693 635 634	29 131	0 27
253	669 671 693 692	29 131	0 27
254	683 692 634 631	29 131	0 27
255	649 669 692 683	29 131	0 27
256	690 691 637 639	29 131	0 27
257	633 631 691 690	29 131	0 27
258	91 690 639 95	29 131	0 27
259	87 633 690 91	29 131	0 27
260	688 626 680 642	29 131	0 27
261	636 72 626 688	29 131	0 27
262	689 688 642 638	29 131	0 27
263	632 636 688 689	29 131	0 27
264	4 79 72 636	29 131	0 27
265	651 655 79 4	29 131	0 27
266	687 4 636 632	29 131	0 27
267	652 651 4 687	29 131	0 27
268	14 677 667 663	29 131	0 27
269	642 680 677 14	29 131	0 27
270	685 14 663 664	29 131	0 27
271	638 642 14 685	29 131	0 27
272	1 683 631 633	29 131	0 27
273	645 649 683 1	29 131	0 27
274	83 1 633 87	29 131	0 27
275	648 645 1 83	29 131	0 27
276	11 644 661 657	29 131	0 27
277	639 637 644 11	29 131	0 27
278	629 11 657 658	29 131	0 27
279	95 639 11 629	29 131	0 27
280	630 660 76 75	18 130	0 15
281	629 658 660 630	18 130	0 15
282	628 630 75 80	18 130	0 15
283	95 629 630 628	18 130	0 15
284	94 628 80 92	18 130	0 15
285	91 95 628 94	18 130	0 15
286	90 94 92 96	18 130	0 15
287	87 91 94 90	18 130	0 15
288	86 90 96 84	18 130	0 15
289	83 87 90 86	18 130	0 15
290	646 86 84 88	18 130	0 15
291	648 83 86 646	18 130	0 15
292	82 656 125 129	18 130	0 15
293	79 655 656 82	18 130	0 15
294	78 82 129 133	18 130	0 15
295	626 72 82 78	18 130	0 15
296	71 78 133 140	18 130	0 15
297	680 626 78 71	18 130	0 15
298	668 71 140 144	18 130	0 15
299	667 677 71 668	18 130	0 15

300	676 666 165 161	18	130	0	15
301	675 664 666 676	18	130	0	15
302	674 676 161 156	18	130	0	15
303	673 675 676 674	18	130	0	15
304	662 674 156 152	18	130	0	15
305	661 673 674 662	18	130	0	15
306	672 654 117 113	18	130	0	15
307	671 652 654 672	18	130	0	15
308	670 672 113 108	18	130	0	15
309	669 671 672 670	18	130	0	15
310	650 670 108 104	18	130	0	15
311	649 669 670 650	18	130	0	15
312	665 668 144 17	18	130	0	15
313	663 667 668 665	18	130	0	15
314	666 665 17 165	18	130	0	15
315	664 663 665 666	18	130	0	15
316	659 662 152 148	18	130	0	15
317	657 661 662 659	18	130	0	15
318	660 659 148 76	18	130	0	15
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320	653 656 125 121	18	130	0	15
321	651 655 656 653	18	130	0	15
322	654 653 121 117	18	130	0	15
323	652 651 653 654	18	130	0	15
324	647 650 104 100	18	130	0	15
325	645 649 650 647	18	130	0	15
326	646 647 100 88	18	130	0	15
327	648 645 647 646	18	130	0	15
328	51 159 142 53	18	120	0	14
329	43 154 159 51	18	120	0	14
330	128 363 154 43	18	120	0	14
331	50 43 51 52	18	120	0	14
332	362 128 43 50	18	120	0	14
333	36 41 42 37	18	120	0	14
334	604 357 41 36	18	120	0	14
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336	34 36 37 35	18	120	0	14
337	356 604 36 34	18	120	0	14
338	31 35 131 33	18	118	0	24
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343	23 26 27 24	18	118	0	24
344	516 365 26 23	18	118	0	24
345	22 24 25 138	18	118	0	24
346	21 23 24 22	18	118	0	24
347	361 516 23 21	18	118	0	24
348	18 22 138 20	18	116	0	25
349	15 21 22 18	18	116	0	25
350	491 361 21 15	18	116	0	25
351	19 18 20 137	18	116	0	25
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353	360 491 15 16	18	116	0	25
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355	8 12 13 9	18	116	0	25
356	454 359 12 8	18	116	0	25
357	7 9 10 134	18	116	0	25
358	6 8 9 7	18	116	0	25
359	358 454 8 6	18	116	0	25
360	2 7 134 5	18	119	0	23
361	167 6 7 2	18	119	0	23
362	429 358 6 167	18	119	0	23
363	168 167 2 3	18	119	0	23
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365	151 163 164 155	18	119	0	23
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367	159 155 160 142	18	119	0	23

368	154 151 155 159	18	119	0	23
369	363 392 151 154	18	119	0	23
370	147 150	21	130	0	15
371	137 135	30	129	0	16
372	139 132	21	130	0	15
373	126 391 363 128	18	120	0	14
374	123 389 391 126	18	120	0	14
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384	617 369 371 619	18	120	0	14
385	355 289 369 617	18	120	0	14
386	127 126 128 362	18	120	0	14
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388	120 119 123 124	18	120	0	14
389	116 115 119 120	18	120	0	14
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392	103 102 106 107	18	120	0	14
393	99 98 102 103	18	120	0	14
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395	622 621 61 62	18	120	0	14
396	620 619 621 622	18	120	0	14
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414	589 601 602 590	18	120	0	14
415	588 600 601 589	18	120	0	14
416	587 599 600 588	18	120	0	14
417	586 598 599 587	18	120	0	14
418	585 597 598 586	18	120	0	14
419	584 596 597 585	18	120	0	14
420	583 595 596 584	18	120	0	14
421	582 594 595 583	18	120	0	14
422	581 593 594 582	18	120	0	14
423	580 592 593 581	18	120	0	14
424	282 348 592 580	18	120	0	14
425	578 591 356 579	18	118	0	24
426	577 590 591 578	18	118	0	24
427	576 589 590 577	18	118	0	24
428	575 588 589 576	18	118	0	24
429	574 587 588 575	18	118	0	24
430	573 586 587 574	18	118	0	24
431	572 585 586 573	18	130	0	15
432	571 584 585 572	18	130	0	15
433	570 583 584 571	18	130	0	15
434	569 582 583 570	18	130	0	15
435	568 581 582 569	18	130	0	15

436	567 580 581 568	18	130	0	15
437	343 282 580 567	18	130	0	15
438	566 578 579 364	18	118	0	24
439	565 577 578 566	18	118	0	24
440	564 576 577 565	18	118	0	24
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444	560 572 573 561	18	130	0	15
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446	558 570 571 559	18	130	0	15
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450	290 343 567 555	18	130	0	15
451	553 566 364 554	18	118	0	24
452	552 565 566 553	18	118	0	24
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454	550 563 564 551	18	118	0	24
455	549 562 563 550	18	118	0	24
456	548 561 562 549	18	118	0	24
457	547 560 561 548	18	130	0	15
458	546 559 560 547	18	130	0	15
459	545 558 559 546	18	130	0	15
460	544 557 558 545	18	130	0	15
461	543 556 557 544	18	130	0	15
462	542 555 556 543	18	130	0	15
463	338 290 555 542	18	130	0	15
464	540 553 554 541	18	118	0	24
465	539 552 553 540	18	118	0	24
466	538 551 552 539	18	118	0	24
467	537 550 551 538	18	118	0	24
468	536 549 550 537	18	118	0	24
469	535 548 549 536	18	118	0	24
470	534 547 548 535	18	130	0	15
471	533 546 547 534	18	130	0	15
472	532 545 546 533	18	130	0	15
473	531 544 545 532	18	130	0	15
474	530 543 544 531	18	130	0	15
475	529 542 543 530	18	130	0	15
476	335 338 542 529	18	130	0	15
477	528 540 541 365	18	118	0	24
478	527 539 540 528	18	118	0	24
479	526 538 539 527	18	118	0	24
480	525 537 538 526	18	118	0	24
481	524 536 537 525	18	118	0	24
482	523 535 536 524	18	118	0	24
483	522 534 535 523	18	130	0	15
484	521 533 534 522	18	130	0	15
485	520 532 533 521	18	130	0	15
486	519 531 532 520	18	130	0	15
487	518 530 531 519	18	130	0	15
488	517 529 530 518	18	130	0	15
489	291 335 529 517	18	130	0	15
490	515 528 365 516	18	118	0	24
491	514 527 528 515	18	118	0	24
492	513 526 527 514	18	118	0	24
493	512 525 526 513	18	118	0	24
494	511 524 525 512	18	118	0	24
495	510 523 524 511	18	118	0	24
496	509 522 523 510	18	130	0	15
497	508 521 522 509	18	130	0	15
498	507 520 521 508	18	130	0	15
499	506 519 520 507	18	130	0	15
500	505 518 519 506	18	130	0	15
501	504 517 518 505	18	130	0	15
502	330 291 517 504	18	130	0	15
503	503 515 516 361	18	118	0	24

504	502 514 515 503	18	118	0	24
505	501 513 514 502	18	118	0	24
506	500 512 513 501	18	118	0	24
507	499 511 512 500	18	118	0	24
508	498 510 511 499	18	118	0	24
509	497 509 510 498	18	130	0	15
510	496 508 509 497	18	130	0	15
511	495 507 508 496	18	130	0	15
512	494 506 507 495	18	130	0	15
513	493 505 506 494	18	130	0	15
514	492 504 505 493	18	130	0	15
515	287 330 504 492	18	130	0	15
516	489 503 361 491	18	116	0	25
517	487 502 503 489	18	116	0	25
518	485 501 502 487	18	116	0	25
519	483 500 501 485	18	116	0	25
520	481 499 500 483	18	116	0	25
521	479 498 499 481	18	116	0	25
522	477 497 498 479	18	130	0	15
523	475 496 497 477	18	130	0	15
524	473 495 496 475	18	130	0	15
525	471 494 495 473	18	130	0	15
526	469 493 494 471	18	130	0	15
527	467 492 493 469	18	130	0	15
528	325 287 492 467	18	130	0	15
529	490 489 491 360	18	116	0	25
530	488 487 489 490	18	116	0	25
531	486 485 487 488	18	116	0	25
532	484 483 485 486	18	116	0	25
533	482 481 483 484	18	116	0	25
534	480 479 481 482	18	116	0	25
535	478 477 479 480	18	130	0	15
536	476 475 477 478	18	130	0	15
537	474 473 475 476	18	130	0	15
538	472 471 473 474	18	130	0	15
539	470 469 471 472	18	130	0	15
540	468 467 469 470	18	130	0	15
541	286 325 467 468	18	130	0	15
542	453 466 359 454	18	116	0	25
543	452 465 466 453	18	116	0	25
544	451 464 465 452	18	116	0	25
545	450 463 464 451	18	116	0	25
546	449 462 463 450	18	116	0	25
547	448 461 462 449	18	116	0	25
548	447 460 461 448	18	130	0	15
549	446 459 460 447	18	130	0	15
550	445 458 459 446	18	130	0	15
551	444 457 458 445	18	130	0	15
552	443 456 457 444	18	130	0	15
553	442 455 456 443	18	130	0	15
554	318 285 455 442	18	130	0	15
555	441 453 454 358	18	116	0	25
556	440 452 453 441	18	116	0	25
557	439 451 452 440	18	116	0	25
558	438 450 451 439	18	116	0	25
559	437 449 450 438	18	116	0	25
560	436 448 449 437	18	116	0	25
561	435 447 448 436	18	130	0	15
562	434 446 447 435	18	130	0	15
563	433 445 446 434	18	130	0	15
564	432 444 445 433	18	130	0	15
565	431 443 444 432	18	130	0	15
566	430 442 443 431	18	130	0	15
567	284 318 442 430	18	130	0	15
568	427 441 358 429	18	119	0	23
569	425 440 441 427	18	119	0	23
570	423 439 440 425	18	119	0	23
571	421 438 439 423	18	119	0	23

572	419 437 438 421	18	119	0	23
573	417 436 437 419	18	119	0	23
574	415 435 436 417	18	119	0	23
575	413 434 435 415	18	119	0	23
576	411 433 434 413	18	119	0	23
577	409 432 433 411	18	119	0	23
578	407 431 432 409	18	119	0	23
579	405 430 431 407	18	119	0	23
580	305 284 430 405	18	119	0	23
581	428 427 429 367	18	119	0	23
582	426 425 427 428	18	119	0	23
583	424 423 425 426	18	119	0	23
584	422 421 423 424	18	119	0	23
585	420 419 421 422	18	119	0	23
586	418 417 419 420	18	119	0	23
587	416 415 417 418	18	119	0	23
588	414 413 415 416	18	119	0	23
589	412 411 413 414	18	119	0	23
590	410 409 411 412	18	119	0	23
591	408 407 409 410	18	119	0	23
592	406 405 407 408	18	119	0	23
593	293 305 405 406	18	119	0	23
594	390 404 366 392	18	119	0	23
595	388 403 404 390	18	119	0	23
596	386 402 403 388	18	119	0	23
597	384 401 402 386	18	119	0	23
598	382 400 401 384	18	119	0	23
599	380 399 400 382	18	119	0	23
600	378 398 399 380	18	119	0	23
601	376 397 398 378	18	119	0	23
602	374 396 397 376	18	119	0	23
603	372 395 396 374	18	119	0	23
604	370 394 395 372	18	119	0	23
605	368 393 394 370	18	119	0	23
606	298 292 393 368	18	119	0	23
607	391 390 392 363	18	119	0	23
608	389 388 390 391	18	119	0	23
609	387 386 388 389	18	119	0	23
610	385 384 386 387	18	119	0	23
611	383 382 384 385	18	119	0	23
612	381 380 382 383	18	119	0	23
613	379 378 380 381	18	119	0	23
614	377 376 378 379	18	119	0	23
615	375 374 376 377	18	119	0	23
616	373 372 374 375	18	119	0	23
617	371 370 372 373	18	119	0	23
618	369 368 370 371	18	119	0	23
619	289 298 368 369	18	119	0	23
620	353 297 289 355	18	121	0	11
621	351 295 297 353	18	121	0	11
622	281 201 295 351	18	121	0	11
623	354 353 355 288	18	121	0	11
624	352 351 353 354	18	121	0	11
625	200 281 351 352	18	121	0	11
626	347 350 283 348	18	121	0	11
627	346 349 350 347	18	121	0	11
628	271 195 349 346	18	121	0	11
629	345 347 348 282	18	121	0	11
630	344 346 347 345	18	121	0	11
631	194 271 346 344	18	121	0	11
632	342 345 282 343	18	130	0	15
633	341 344 345 342	18	130	0	15
634	264 194 344 341	18	130	0	15
635	340 342 343 290	18	130	0	15
636	339 341 342 340	18	130	0	15
637	202 264 341 339	18	130	0	15
638	337 340 290 338	18	130	0	15
639	336 339 340 337	18	130	0	15

640	257 202 339 336	18	130	0	15
641	334 337 338 335	18	130	0	15
642	333 336 337 334	18	130	0	15
643	253 257 336 333	18	130	0	15
644	332 334 335 291	18	130	0	15
645	331 333 334 332	18	130	0	15
646	203 253 333 331	18	130	0	15
647	329 332 291 330	18	130	0	15
648	328 331 332 329	18	130	0	15
649	246 203 331 328	18	130	0	15
650	327 329 330 287	18	130	0	15
651	326 328 329 327	18	130	0	15
652	199 246 328 326	18	130	0	15
653	323 327 287 325	18	130	0	15
654	321 326 327 323	18	130	0	15
655	239 199 326 321	18	130	0	15
656	324 323 325 286	18	130	0	15
657	322 321 323 324	18	130	0	15
658	198 239 321 322	18	130	0	15
659	317 320 285 318	18	130	0	15
660	316 319 320 317	18	130	0	15
661	229 197 319 316	18	130	0	15
662	307 317 318 284	18	130	0	15
663	306 316 317 307	18	130	0	15
664	196 229 316 306	18	130	0	15
665	314 304 293 315	18	122	0	31
666	313 302 304 314	18	122	0	31
667	312 205 302 313	18	122	0	31
668	310 314 315 311	18	122	0	31
669	309 313 314 310	18	122	0	31
670	308 312 313 309	18	122	0	31
671	300 310 311 292	18	122	0	31
672	299 309 310 300	18	122	0	31
673	204 308 309 299	18	122	0	31
674	303 307 284 305	18	122	0	31
675	301 306 307 303	18	122	0	31
676	222 196 306 301	18	122	0	31
677	304 303 305 293	18	122	0	31
678	302 301 303 304	18	122	0	31
679	205 222 301 302	18	122	0	31
680	296 300 292 298	18	122	0	31
681	294 299 300 296	18	122	0	31
682	212 204 299 294	18	122	0	31
683	297 296 298 289	18	122	0	31
684	295 294 296 297	18	122	0	31
685	201 212 294 295	18	122	0	31
686	288 283	17	129	0	16
687	279 211 201 281	18	121	0	11
688	277 209 211 279	18	121	0	11
689	275 207 209 277	18	121	0	11
690	183 176 207 275	18	121	0	11
691	280 279 281 200	18	121	0	11
692	278 277 279 280	18	121	0	11
693	276 275 277 278	18	121	0	11
694	175 183 275 276	18	121	0	11
695	270 274 195 271	18	121	0	11
696	269 273 274 270	18	121	0	11
697	268 272 273 269	18	121	0	11
698	181 170 272 268	18	121	0	11
699	267 270 271 194	18	121	0	11
700	266 269 270 267	18	121	0	11
701	265 268 269 266	18	121	0	11
702	169 181 268 265	18	121	0	11
703	263 267 194 264	18	130	0	15
704	262 266 267 263	18	130	0	15
705	261 265 266 262	18	130	0	15
706	193 169 265 261	18	130	0	15
707	260 263 264 202	18	130	0	15

708	259 262 263 260	18	130	0	15
709	258 261 262 259	18	130	0	15
710	177 193 261 258	18	130	0	15
711	256 260 202 257	18	130	0	15
712	255 259 260 256	18	130	0	15
713	254 258 259 255	18	130	0	15
714	190 177 258 254	18	130	0	15
715	252 256 257 253	18	130	0	15
716	251 255 256 252	18	130	0	15
717	250 254 255 251	18	130	0	15
718	189 190 254 250	18	130	0	15
719	249 252 253 203	18	130	0	15
720	248 251 252 249	18	130	0	15
721	247 250 251 248	18	130	0	15
722	178 189 250 247	18	130	0	15
723	245 249 203 246	18	130	0	15
724	244 248 249 245	18	130	0	15
725	243 247 248 244	18	130	0	15
726	188 178 247 243	18	130	0	15
727	242 245 246 199	18	130	0	15
728	241 244 245 242	18	130	0	15
729	240 243 244 241	18	130	0	15
730	174 188 243 240	18	130	0	15
731	237 242 199 239	18	130	0	15
732	235 241 242 237	18	130	0	15
733	233 240 241 235	18	130	0	15
734	187 174 240 233	18	130	0	15
735	238 237 239 198	18	130	0	15
736	236 235 237 238	18	130	0	15
737	234 233 235 236	18	130	0	15
738	173 187 233 234	18	130	0	15
739	228 232 197 229	18	130	0	15
740	227 231 232 228	18	130	0	15
741	226 230 231 227	18	130	0	15
742	186 172 230 226	18	130	0	15
743	225 228 229 196	18	130	0	15
744	224 227 228 225	18	130	0	15
745	223 226 227 224	18	130	0	15
746	171 186 226 223	18	130	0	15
747	220 225 196 222	18	122	0	31
748	218 224 225 220	18	122	0	31
749	216 223 224 218	18	122	0	31
750	185 171 223 216	18	122	0	31
751	221 220 222 205	18	122	0	31
752	219 218 220 221	18	122	0	31
753	217 216 218 219	18	122	0	31
754	180 185 216 217	18	122	0	31
755	210 215 204 212	18	122	0	31
756	208 214 215 210	18	122	0	31
757	206 213 214 208	18	122	0	31
758	184 179 213 206	18	122	0	31
759	211 210 212 201	18	122	0	31
760	209 208 210 211	18	122	0	31
761	207 206 208 209	18	122	0	31
762	176 184 206 207	18	122	0	31
763	149 38 169 193	18	130	0	15
764	54 149 193 177	18	130	0	15
765	157 54 177 190	18	130	0	15
766	162 157 190 189	18	130	0	15
767	55 162 189 178	18	130	0	15
768	28 55 178 188	18	130	0	15
769	47 28 188 174	18	130	0	15
770	141 47 174 187	18	130	0	15
771	46 141 187 173	18	130	0	15
772	130 45 172 186	18	130	0	15
773	44 130 186 171	18	130	0	15
774	122 44 171 185	18	122	0	31
775	57 122 185 180	18	122	0	31

776	101	56	179	184	18	122	0	31
777	49	101	184	176	18	122	0	31
778	85	49	176	183	18	121	0	11
779	48	85	183	175	18	121	0	11
780	93	48	175	182	18	121	0	11
781	39	93	182	170	18	121	0	11
782	77	39	170	181	18	121	0	11
783	38	77	181	169	18	121	0	11
784	17	144	47	28	18	130	0	15
785	165	17	28	55	18	130	0	15
786	161	165	55	162	18	130	0	15
787	156	161	162	157	18	130	0	15
788	152	156	157	54	18	130	0	15
789	148	152	54	149	18	130	0	15
790	76	148	149	38	18	130	0	15
791	140	144	47	141	18	130	0	15
792	133	140	141	46	18	130	0	15
793	129	133	45	130	18	130	0	15
794	125	129	130	44	18	130	0	15
795	121	125	44	122	18	130	0	15
796	117	121	122	57	18	130	0	15
797	113	117	57	114	18	130	0	15
798	108	113	114	109	18	130	0	15
799	104	108	109	56	18	130	0	15
800	100	104	56	101	18	130	0	15
801	88	100	101	49	18	130	0	15
802	84	88	49	85	18	130	0	15
803	96	84	85	48	18	130	0	15
804	92	96	48	93	18	130	0	15
805	80	92	93	39	18	130	0	15
806	75	80	39	77	18	130	0	15
807	76	75	77	38	18	130	0	15

ELEMENTI TIPO (Fase 1)

ASTA

Tipo	Nome	Ax	Pret.
Materiale elastico: E=2.1e+006			
28		4	0
30		4	0

TRAVE GENERICA

Tipo	Nome	Ax	Ay	Az	Jx	Jy	Jz	vi	vj
Materiale elastico: E=2.1e+006 G=800000									
17	HEA100	21.2	0	0	4.83	134	349	0	0
19	Scatolare_120_8	35.84	0	0	1123.94	753.118	753.118	0	0
22	HEA160_ruot	38.7714	0	0	12.254	1672.89	614.641	0	0
23	IPE120	13.2	0	0	1.77	27.7	318	0	0
24	Scatolare_120_8	35.84	0	0	1123.94	753.118	753.118	0	56
25	Tubo_159_8	37.9504	0	0	2163.27	1084.67	1084.67	0	56
31	IPE220	33.4	0	0	9.15	205	2772	0	0
32	IPE220	33.4	0	0	9.15	205	2772	48	0

TRAVE SEZIONE DOPPIO T

Tipo	wd	wt	tft	tfw	bft	bfw	vi	vj
Materiale elastico: E=300000 G=150000								
20	15	18	0	0	0	0	0	0
21	15	25	0	0	0	0	0	0
Materiale elastico: E=1 G=1								
26	1	1	0	0	0	0	0	0
Materiale elastico: E=300000 G=150000								
27	50	50	0	0	0	0	0	56

GUSCIO

Tipo	Tk
Materiale elastico: E=300000	
18	25

Tipi di carico

Nome	Tipo	Grav.	Gamma fav	Gamma sfav.	Gamma sismico	Psi 0	Psi 1	Psi 2	Psi 2	Phi
Permanente	permanente	*	1.00	1.30	1.00	nd	nd	nd	nd	nd
Permanente non strutt.	permanente	*	0.00	1.50	1.00	nd	nd	nd	nd	nd
Sismico SLV	sismico		nd	1.00	0.00	nd	nd	nd	nd	nd
Sismico SLD	sismico		nd	1.00	0.00	nd	nd	nd	nd	nd
Sismico SLO	sismico		nd	1.00	0.00	nd	nd	nd	nd	nd
Sismico SLC	sismico		nd	1.00	0.00	nd	nd	nd	nd	nd
Torcente SLV	sismico correlato		nd	1.00	0.00	nd	nd	nd	nd	nd
Torcente SLD	sismico correlato		nd	1.00	0.00	nd	nd	nd	nd	nd
Torcente SLO	sismico correlato		nd	1.00	0.00	nd	nd	nd	nd	nd
Torcente SLC	sismico correlato		nd	1.00	0.00	nd	nd	nd	nd	nd
Cat. A: Residenziale	variabile	*	nd	1.50	1.00	0.70	0.50	0.30	0.30	1.00
Cat. B: Uffici	variabile	*	nd	1.50	1.00	0.70	0.50	0.30	0.30	1.00
Cat. C: Affollamento	variabile	*	nd	1.50	1.00	0.70	0.70	0.60	0.60	1.00
Cat. D: Commerciale	variabile	*	nd	1.50	1.00	0.70	0.70	0.60	0.60	1.00
Cat. E: Magazzini	variabile	*	nd	1.50	1.00	1.00	0.90	0.80	0.80	1.00
Cat. F: Rimesse (<30kN)	variabile	*	nd	1.50	1.00	0.70	0.70	0.60	0.60	1.00
Cat. G: Rimesse (>30kN)	variabile	*	nd	1.50	1.00	0.70	0.50	0.30	0.30	1.00
Cat. H: Copertura	variabile	*	nd	1.50	1.00	0.00	0.00	0.00	0.20	1.00
Neve (q<1000)	variabile	*	nd	1.50	1.00	0.50	0.20	0.00	0.00	1.00
Neve (q>1000)	variabile	*	nd	1.50	1.00	0.70	0.50	0.20	0.00	1.00
Vento	variabile non contemporaneo		nd	1.50	0.00	0.60	0.20	0.00	0.00	1.00
Temperatura	variabile non contemporaneo		nd	1.50	0.00	0.60	0.50	0.00	0.00	1.00

SPETTRI DI RISPOSTA

SLDh

fattore q automatico SI
 Dir. azione sismica orizzontale
 regolare in pianta NO
 regolare in altezza NO
 numero di intervalli 32
 materiale struttura Calcestruzzo
 tipologia struttura Strutture con solo due pareti non accoppiate
 forma dello spettro Elastico
 categoria del suolo Depositi di sabbie e ghiaie mediamente addensate o di argille di media consistenza
 classe di duttilità Bassa
 categoria topografica T3
 normativa DM 2008
 zona sismica II
 classe d'uso 2
 tipo di stato limite SLD
 durata totale 2.00
 smorzamento 5.00
 f0 2.44
 Ag/g 0.07
 Tc* 0.29
 longitudine 13.60
 latitudine 43.11
 Pv 0.63
 Vr 50.00
 % quota sul pendio 1.00
 Tr 50.29
 fattore q effettivo 1.00
 fattore n effettivo 1.00
 fattore s effettivo 1.80
periodo risposta
 0 1.8
 0.0645161 2.89688
 0.152767 4.39731
 0.193548 4.39731
 0.258065 4.39731
 0.322581 4.39731

0.387097 4.39731
 0.458302 4.39731
 0.516129 3.90463
 0.580645 3.47079
 0.645161 3.12371
 0.709677 2.83973
 0.774194 2.60309
 0.83871 2.40285
 0.903226 2.23122
 0.967742 2.08247
 1.03226 1.95232
 1.09677 1.83748
 1.16129 1.73539
 1.22581 1.64406
 1.29032 1.56185
 1.35484 1.48748
 1.41935 1.41987
 1.48387 1.35813
 1.54839 1.30154
 1.6129 1.24948
 1.67742 1.20143
 1.74194 1.15693
 1.80645 1.11561
 1.87097 1.07714
 1.93548 1.00781
 2 0.943838

SLVh

fattore q automatico SI
 Dir. azione sismica orizzontale
 regolare in pianta NO
 regolare in altezza NO
 numero di intervalli 32
 materiale struttura Calcestruzzo
 tipologia struttura Strutture con solo due pareti non accoppiate
 forma dello spettro Inelastico
 categoria del suolo Depositi di sabbie e ghiaie mediamente addensate o di argille di media consistenza
 classe di duttilità Bassa
 categoria topografica T3
 normativa DM 2008
 zona sismica II
 classe d'uso 2
 tipo di stato limite SLV
 durata totale 2.30
 smorzamento 5.00
 f0 2.43
 Ag/g 0.18
 Tc* 0.34
 longitudine 13.60
 latitudine 43.11
 Pv 0.10
 Vr 50.00
 % quota sul pendio 1.00
 Tr 474.56
 fattore q effettivo 2.40
 fattore n effettivo 1.00
 fattore s effettivo 1.73
periodo risposta
 0 1.73142
 0.0743414 1.74193
 0.168846 1.75529
 0.223024 1.75529
 0.297366 1.75529
 0.371707 1.75529
 0.446049 1.75529
 0.506539 1.75529
 0.594731 1.495
 0.669073 1.32889
 0.743414 1.196

0.817756 1.08727
 0.892097 0.996667
 0.966439 0.92
 1.04078 0.854286
 1.11512 0.797333
 1.18946 0.7475
 1.2638 0.703529
 1.33815 0.664444
 1.41249 0.629474
 1.48683 0.598
 1.56117 0.569524
 1.63551 0.543636
 1.70985 0.52
 1.78419 0.498333
 1.85854 0.4784
 1.93288 0.46
 2.00722 0.442963
 2.08156 0.427143
 2.1559 0.412414
 2.23024 0.398667
 2.30458 0.385806

CARICHI UNIFORMI TIPO (Fase 1)

Condizione di carico: "ACC passerella" Tipo: "Cat. C: Affollamento"

Tipo cdx cdy cdz ref lato
 258 0 0 -2.8 gbl 0

Condizione di carico: "Neve" Tipo: "Neve (q<1000)"

Tipo cdx cdy cdz ref lato
 1 0 0 -0.85 gbl 0
 3 0 0 -0.7 gbl 0
 4 0 0 -0.21 gbl 0
 114 0 0 -0.85 gbl 0

Condizione di carico: "Pensilina" Tipo: "Permanente"

Tipo cdx cdy cdz ref lato
 1 0 0 -0.5 gbl 0
 114 0 0 -0.5 gbl 0

Condizione di carico: "Doghe rivestimento" Tipo: "Permanente"

Tipo cdx cdy cdz ref lato
 116 0 0 -0.009 gbl 0
 118 0 0 -0.009 gbl 0
 119 0 0 -0.009 gbl 0
 120 0 0 -0.009 gbl 0
 121 0 0 -0.008 gbl 0
 122 0 0 -0.008 gbl 0

Condizione di carico: "Vy" Tipo: "Vento"

Tipo cdx cdy cdz ref lato
 118 0 0.0043 0 gbl 0
 119 0 0.0085 0 gbl 0
 122 0 0.0085 0 gbl 0
 126 0 0.19 0 gbl 0
 127 0 0.38 0 gbl 0
 245 0 0.16 0 gbl 0
 246 0 0.31 0 gbl 0
 247 0 0.16 0 gbl 0
 248 0 0.31 0 gbl 0
 249 0 0.72 0 gbl 0
 250 0 0.37 0 gbl 0

Condizione di carico: "Vx" Tipo: "Vento"

Tipo cdx cdy cdz ref lato
 116 0.0043 0 0 gbl 0
 120 0.0085 0 0 gbl 0
 121 0.0085 0 0 gbl 0
 125 0.38 0 0 gbl 0
 245 0.16 0 0 gbl 0
 246 0.16 0 0 gbl 0

247	0.31	0	0	gb1	0
248	0.31	0	0	gb1	0
251	0.72	0	0	gb1	0
252	0.37	0	0	gb1	0
256	0.6	0	0	gb1	0
257	1.17	0	0	gb1	0

Condizione di carico: "PERM" Tipo: "Permanente"

Tipo	cdx	cdy	cdz	ref	lato
3	0	0	-0.26	gb1	0
4	0	0	-0.08	gb1	0
125	0	0	-0.19	gb1	0
126	0	0	-0.19	gb1	0
127	0	0	-0.19	gb1	0
245	0	0	-0.16	gb1	0
246	0	0	-0.16	gb1	0
247	0	0	-0.16	gb1	0
248	0	0	-0.16	gb1	0
249	0	0	-0.36	gb1	0
250	0	0	-0.36	gb1	0
251	0	0	-0.36	gb1	0
252	0	0	-0.36	gb1	0
256	0	0	-1.67	gb1	0
257	0	0	-1.67	gb1	0
258	0	0	-0.19	gb1	0

PESI PROPRI TIPO (Fase 1)

Condizione di carico: "PERM" Tipo: "Permanente"

Tipo	gm	gx	gy	gz
1	0.00785	0	0	-1
3	0.00785	0	0	-1
4	0.00785	0	0	-1
113	0.00785	0	0	-1
116	0.0025	0	0	-1
118	0.0025	0	0	-1
119	0.0025	0	0	-1
120	0.0025	0	0	-1
121	0.0025	0	0	-1
122	0.0025	0	0	-1
129	0.00785	0	0	-1
130	0.0025	0	0	-1
131	0.0025	0	0	-1
245	0.00785	0	0	-1
246	0.00785	0	0	-1
247	0.00785	0	0	-1
248	0.00785	0	0	-1
249	0.00785	0	0	-1
250	0.00785	0	0	-1
251	0.00785	0	0	-1
252	0.00785	0	0	-1
256	0.00785	0	0	-1
257	0.00785	0	0	-1
258	0.00785	0	0	-1

FORZE TIPO (Fase 1)

Condizione di carico: "Ascensore" Tipo: "Permanente"

Tipo	Fx	Fy	Fz	Mx	My	Mz
1	0	0	-2920	0	0	0

MASSE TIPO (Fase 1)

Tipo	dn	md	dp
1	0	0.000509684	0.05
2	8.00204e-006	8.15494e-005	0.05
3	8.00204e-006	0.000265036	0.05
4	8.00204e-006	0.000509684	0.05
5	8.00204e-006	0	0.05

6	2.54842e-006	9.17431e-006	0.05
7	8.00204e-006	0.000366972	0.05
8	2.54842e-006	0	0.05
9	8.00204e-006	0.000163099	0.05
10	0	0.00019368	0.05
11	2.54842e-006	8.15494e-006	0.05
12	2.54842e-006	9.17431e-006	0.05
13	2.54842e-006	9.17431e-006	0.05
14	2.54842e-006	9.17431e-006	0.05
15	2.54842e-006	0	0.05
16	8.00204e-006	0	0.05
17	8.00204e-006	0.000366972	0.05
18	8.00204e-006	0.000163099	0.05
19	8.00204e-006	0.000163099	0.05
20	8.00204e-006	0.000366972	0.05
21	8.00204e-006	0.00190622	0.05
22	8.00204e-006	0.00170234	0.05
23	2.54842e-006	9.17431e-006	0.05
24	2.54842e-006	9.17431e-006	0.05
25	2.54842e-006	9.17431e-006	0.05
26	8.00204e-006	0.000366972	0.05
27	2.54842e-006	0	0.05
28	8.00204e-006	0.000163099	0.05
29	0	0.00019368	0.05
30	0	0.00019368	0.05
31	2.54842e-006	8.15494e-006	0.05

MASSE NODALI TIPO (Fase 1)

1	0.3843	0.3843	0	0	0
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INFORMAZIONI - ANALISI "_19" (Fase 1)

Equazioni.....	4234
Semibanda.....	300
Numero blocchi.....	1
Zero algoritmico.....	5.6069e-007
Tempo totale analisi (sec).....	5.82

SPOSTAMENTI NODALI "Ascensore" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	2.43e-006	5.91e-014	-5.57e-013	-9.65e-015	2.43e-007	5.19e-015
2	2.89e-004	-5.13e-011	-3.89e-005	2.52e-013	2.43e-007	-4.23e-013
3	2.89e-004	-3.62e-011	-3.04e-005	1.98e-013	2.43e-007	-4.36e-013
4	2.43e-006	-5.41e-014	-3.89e-005	1.17e-014	2.43e-007	6.83e-015
5	2.98e-004	-6.03e-011	-3.89e-005	2.31e-013	2.43e-007	-4.76e-013
6	2.80e-004	-5.31e-011	-4.62e-005	2.81e-013	2.43e-007	-3.64e-013
7	2.89e-004	-6.37e-011	-4.62e-005	2.88e-013	2.43e-007	-3.96e-013
8	2.80e-004	-5.30e-011	-4.62e-005	2.71e-013	2.43e-007	-3.42e-013
9	2.89e-004	-6.38e-011	-4.62e-005	2.83e-013	2.43e-007	-3.53e-013
10	2.98e-004	-7.44e-011	-4.62e-005	2.73e-013	2.43e-007	-3.63e-013
11	2.43e-006	1.80e-014	-9.28e-013	-8.63e-015	2.43e-007	-3.46e-015
12	2.80e-004	-5.32e-011	-4.62e-005	2.89e-013	2.43e-007	-3.32e-013
13	2.89e-004	-6.37e-011	-4.62e-005	2.96e-013	2.43e-007	-3.42e-013
14	2.43e-006	-1.41e-014	-3.89e-005	5.66e-015	2.43e-007	-5.96e-015
15	2.80e-004	-5.61e-011	-4.62e-005	4.25e-013	2.43e-007	1.44e-013
16	2.80e-004	-5.56e-011	-4.62e-005	4.25e-013	2.43e-007	1.60e-013
17	2.55e-005	-8.50e-013	-3.89e-005	1.41e-014	2.43e-007	-8.32e-015
18	2.89e-004	-7.17e-011	-4.62e-005	4.36e-013	2.43e-007	1.40e-013
19	2.89e-004	-7.16e-011	-4.62e-005	4.11e-013	2.43e-007	1.58e-013
20	2.98e-004	-8.70e-011	-4.62e-005	4.25e-013	2.43e-007	1.47e-013
21	2.80e-004	-5.62e-011	-4.62e-005	4.86e-013	2.43e-007	1.68e-013
22	2.89e-004	-7.21e-011	-4.62e-005	4.15e-013	2.43e-007	1.21e-013
23	2.80e-004	-5.93e-011	-3.89e-005	4.45e-013	2.43e-007	5.77e-014
24	2.89e-004	-7.53e-011	-3.89e-005	4.14e-013	2.43e-007	8.34e-014
25	2.98e-004	-9.03e-011	-3.89e-005	3.98e-013	2.43e-007	8.89e-014

26	2.80e-004	-6.10e-011	-3.16e-005	4.53e-013	2.43e-007	4.80e-014
27	2.89e-004	-7.75e-011	-3.16e-005	4.32e-013	2.43e-007	6.91e-014
28	3.77e-005	-1.65e-012	-3.89e-005	1.58e-014	2.43e-007	-1.96e-014
29	2.80e-004	-5.31e-011	-7.23e-011	-4.09e-013	2.43e-007	4.52e-013
30	2.80e-004	-4.02e-011	-7.30e-006	-4.79e-013	2.43e-007	4.14e-013
31	2.89e-004	-3.86e-011	-7.23e-011	-3.74e-013	2.43e-007	5.42e-013
32	2.89e-004	-2.31e-011	-7.30e-006	-4.31e-013	2.43e-007	5.05e-013
33	2.98e-004	-2.54e-011	-7.19e-011	-3.46e-013	2.43e-007	5.93e-013
34	2.80e-004	-6.89e-011	7.30e-006	-3.75e-013	2.43e-007	6.16e-013
35	2.89e-004	-5.64e-011	7.30e-006	-3.11e-013	2.43e-007	6.44e-013
36	2.80e-004	-6.88e-011	7.30e-006	-3.83e-013	2.43e-007	7.14e-013
37	2.89e-004	-5.65e-011	7.30e-006	-3.30e-013	2.43e-007	7.38e-013
38	3.77e-005	2.43e-012	7.30e-006	-4.42e-014	2.43e-007	-9.26e-015
39	3.77e-005	2.25e-012	7.30e-006	-5.29e-014	2.43e-007	6.16e-015
40	2.98e-004	-4.51e-011	7.30e-006	-3.18e-013	2.43e-007	8.71e-013
41	2.80e-004	-6.88e-011	7.30e-006	-3.33e-013	2.43e-007	7.07e-013
42	2.89e-004	-5.66e-011	7.30e-006	-3.00e-013	2.43e-007	8.46e-013
43	2.80e-004	-6.88e-011	7.30e-006	-2.25e-013	2.43e-007	7.29e-013
44	3.77e-005	-2.37e-012	-4.62e-005	1.88e-014	2.43e-007	8.35e-015
45	3.77e-005	-2.43e-012	-4.62e-005	5.86e-014	2.43e-007	3.32e-014
46	3.77e-005	-2.45e-012	-4.62e-005	7.20e-014	2.43e-007	2.76e-014
47	3.77e-005	-2.09e-012	-4.62e-005	1.90e-014	2.43e-007	-8.98e-015
48	3.77e-005	2.50e-012	7.30e-006	-2.19e-014	2.43e-007	3.88e-014
49	3.77e-005	2.56e-012	7.30e-006	-1.54e-014	2.43e-007	2.06e-014
50	2.80e-004	-6.88e-011	7.30e-006	-2.45e-013	2.43e-007	7.71e-013
51	2.89e-004	-5.95e-011	7.30e-006	-2.49e-013	2.43e-007	8.04e-013
52	2.89e-004	-5.97e-011	7.30e-006	-2.62e-013	2.43e-007	8.93e-013
53	2.98e-004	-4.95e-011	7.30e-006	-2.63e-013	2.43e-007	9.03e-013
54	3.77e-005	1.57e-012	-7.30e-006	-2.35e-014	2.43e-007	-2.03e-014
55	3.77e-005	-9.82e-013	-3.16e-005	8.47e-015	2.43e-007	-2.49e-014
56	3.77e-005	2.57e-012	-7.30e-006	-2.61e-014	2.43e-007	-2.00e-014
57	3.77e-005	-1.64e-012	-3.16e-005	1.56e-014	2.43e-007	-2.98e-014
58	3.56e-004	-1.33e-010	7.30e-006	-4.46e-013	2.43e-007	6.56e-013
59	3.56e-004	-1.33e-010	7.30e-006	-4.24e-013	2.43e-007	6.56e-013
60	3.56e-004	7.42e-012	-4.62e-005	4.02e-013	2.43e-007	6.55e-013
61	1.69e-004	-5.41e-011	7.30e-006	1.89e-013	2.43e-007	3.49e-013
62	1.69e-004	-5.41e-011	7.30e-006	1.50e-013	2.43e-007	3.45e-013
63	3.56e-004	-9.88e-011	-5.84e-006	-7.24e-014	2.43e-007	6.48e-013
64	3.56e-004	-9.88e-011	-5.84e-006	-3.42e-013	2.43e-007	6.48e-013
65	3.56e-004	-2.71e-011	-3.31e-005	9.63e-014	2.43e-007	6.47e-013
66	3.56e-004	-2.70e-011	-3.31e-005	3.29e-013	2.43e-007	6.47e-013
67	2.71e-004	-4.34e-011	0.00	1.21e-007	1.35e-008	1.50e-013
68	2.71e-004	-6.74e-011	0.00	-1.32e-011	1.35e-008	1.50e-013
69	2.71e-004	-4.34e-011	-2.86e-005	1.21e-007	1.79e-007	1.51e-013
70	2.71e-004	-4.34e-011	-1.95e-005	1.21e-007	1.22e-007	1.50e-013
71	1.34e-005	-4.00e-013	-4.62e-005	4.67e-015	2.43e-007	-1.19e-014
72	2.43e-006	3.51e-013	-4.62e-005	3.81e-014	2.43e-007	8.35e-015
73	2.71e-004	-4.34e-011	-1.03e-005	1.21e-007	6.46e-008	1.50e-013
74	2.71e-004	-6.74e-011	1.11e-009	1.08e-011	1.79e-007	1.49e-013
75	2.55e-005	8.62e-013	7.30e-006	-1.86e-014	2.43e-007	-1.39e-014
76	2.55e-005	9.00e-013	7.30e-006	-1.84e-014	2.43e-007	-8.34e-015
77	3.77e-005	2.29e-012	7.30e-006	-3.16e-014	2.43e-007	-6.30e-015
78	1.34e-005	-3.23e-013	-4.62e-005	1.77e-014	2.43e-007	9.59e-015
79	2.43e-006	3.03e-013	-4.62e-005	1.84e-014	2.43e-007	1.03e-014
80	2.55e-005	9.25e-013	7.30e-006	-2.43e-014	2.43e-007	-4.40e-015
81	2.71e-004	-6.74e-011	1.31e-009	1.44e-012	1.22e-007	1.50e-013
82	1.34e-005	-3.62e-013	-4.62e-005	2.09e-014	2.43e-007	1.96e-014
83	2.43e-006	-2.33e-013	7.30e-006	-1.52e-014	2.43e-007	9.54e-015
84	2.55e-005	1.48e-012	7.30e-006	-2.06e-014	2.43e-007	2.70e-014
85	3.77e-005	2.56e-012	7.30e-006	-1.18e-014	2.43e-007	3.42e-014
86	1.34e-005	4.50e-013	7.30e-006	-1.99e-014	2.43e-007	2.02e-014
87	2.43e-006	-2.76e-013	7.30e-006	-3.56e-014	2.43e-007	7.57e-015
88	2.55e-005	1.52e-012	7.30e-006	-2.38e-014	2.43e-007	1.56e-014
89	2.71e-004	-6.74e-011	9.20e-010	-5.12e-012	6.46e-008	1.50e-013
90	1.34e-005	4.49e-013	7.30e-006	-1.87e-014	2.43e-007	1.63e-014
91	2.43e-006	-6.44e-014	7.30e-006	-8.84e-015	2.43e-007	8.48e-016
92	2.55e-005	1.08e-012	7.30e-006	-2.44e-014	2.43e-007	1.53e-014
93	3.77e-005	2.20e-012	7.30e-006	-3.81e-014	2.43e-007	2.61e-014

94	1.34e-005	3.28e-013	7.30e-006	-1.45e-014	2.43e-007	8.45e-015
95	2.43e-006	1.90e-013	7.30e-006	2.20e-014	2.43e-007	-5.15e-015
96	2.55e-005	1.32e-012	7.30e-006	-2.07e-014	2.43e-007	2.89e-014
97	2.71e-004	-4.34e-011	-2.13e-006	1.21e-007	1.35e-008	1.50e-013
98	1.80e-004	-6.26e-011	7.30e-006	1.86e-013	2.43e-007	3.86e-013
99	1.80e-004	-6.26e-011	7.30e-006	1.89e-013	2.43e-007	3.85e-013
100	2.55e-005	1.70e-012	-3.24e-012	-2.40e-014	2.43e-007	-2.98e-015
101	3.77e-005	2.85e-012	-4.23e-012	-2.00e-014	2.43e-007	-9.14e-016
102	1.92e-004	-7.09e-011	7.30e-006	1.65e-013	2.43e-007	4.22e-013
103	1.92e-004	-7.09e-011	7.30e-006	1.71e-013	2.43e-007	4.20e-013
104	2.55e-005	1.42e-012	-7.30e-006	-2.22e-014	2.43e-007	-1.62e-014
105	2.71e-004	-6.74e-011	2.14e-010	-1.02e-011	1.35e-008	1.50e-013
106	2.03e-004	-7.83e-011	7.30e-006	1.44e-013	2.43e-007	4.55e-013
107	2.03e-004	-7.82e-011	7.30e-006	1.47e-013	2.43e-007	4.52e-013
108	2.55e-005	7.11e-013	-1.54e-005	-1.22e-014	2.43e-007	-2.51e-014
109	3.77e-005	1.37e-012	-1.54e-005	-1.35e-014	2.43e-007	-4.67e-014
110	2.71e-004	-4.34e-011	-3.68e-005	1.21e-007	2.30e-007	1.47e-013
111	2.14e-004	-8.38e-011	7.30e-006	1.04e-013	2.43e-007	4.89e-013
112	2.14e-004	-8.38e-011	7.30e-006	6.30e-014	2.43e-007	4.80e-013
113	2.55e-005	-1.77e-013	-2.35e-005	1.50e-015	2.43e-007	-2.65e-014
114	3.77e-005	-2.62e-013	-2.35e-005	1.55e-015	2.43e-007	-4.89e-014
115	2.26e-004	-8.76e-011	7.30e-006	6.53e-014	2.43e-007	5.25e-013
116	2.26e-004	-8.76e-011	7.30e-006	6.93e-014	2.43e-007	5.22e-013
117	2.55e-005	-9.75e-013	-3.16e-005	1.33e-014	2.43e-007	-2.02e-014
118	2.71e-004	-6.74e-011	2.60e-010	1.98e-011	2.30e-007	1.53e-013
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121	2.55e-005	-1.41e-012	-3.89e-005	1.86e-014	2.43e-007	-8.34e-015
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503	2.60e-004	-2.43e-011	-4.62e-005	2.84e-013	2.43e-007	1.13e-013
504	1.35e-004	-5.59e-013	-3.89e-005	1.97e-015	2.43e-007	1.54e-013
505	1.46e-004	-7.37e-013	-3.89e-005	5.91e-015	2.43e-007	1.90e-013
506	1.58e-004	-1.12e-012	-3.89e-005	1.10e-014	2.43e-007	2.26e-013
507	1.69e-004	-1.78e-012	-3.89e-005	1.77e-014	2.43e-007	2.61e-013
508	1.80e-004	-2.80e-012	-3.89e-005	2.62e-014	2.43e-007	2.93e-013
509	1.92e-004	-4.26e-012	-3.89e-005	3.67e-014	2.43e-007	3.20e-013
510	2.03e-004	-6.24e-012	-3.89e-005	4.90e-014	2.43e-007	3.40e-013
511	2.14e-004	-8.85e-012	-3.89e-005	6.35e-014	2.43e-007	3.51e-013
512	2.26e-004	-1.22e-011	-3.89e-005	8.05e-014	2.43e-007	3.47e-013
513	2.37e-004	-1.64e-011	-3.89e-005	1.02e-013	2.43e-007	3.26e-013
514	2.48e-004	-2.17e-011	-3.89e-005	1.26e-013	2.43e-007	2.76e-013
515	2.60e-004	-2.93e-011	-3.89e-005	2.16e-013	2.43e-007	2.07e-013
516	2.71e-004	-4.34e-011	-3.89e-005	3.87e-013	2.43e-007	9.96e-014
517	1.35e-004	-5.17e-012	-3.16e-005	2.59e-014	2.43e-007	1.53e-013
518	1.46e-004	-6.47e-012	-3.16e-005	3.02e-014	2.43e-007	1.92e-013
519	1.58e-004	-7.98e-012	-3.16e-005	3.47e-014	2.43e-007	2.31e-013
520	1.69e-004	-9.72e-012	-3.16e-005	4.00e-014	2.43e-007	2.68e-013
521	1.80e-004	-1.17e-011	-3.16e-005	4.62e-014	2.43e-007	3.03e-013
522	1.92e-004	-1.40e-011	-3.16e-005	5.31e-014	2.43e-007	3.33e-013
523	2.03e-004	-1.67e-011	-3.16e-005	6.01e-014	2.43e-007	3.56e-013
524	2.14e-004	-1.96e-011	-3.16e-005	6.71e-014	2.43e-007	3.70e-013
525	2.26e-004	-2.29e-011	-3.16e-005	7.36e-014	2.43e-007	3.71e-013
526	2.37e-004	-2.65e-011	-3.16e-005	8.02e-014	2.43e-007	3.53e-013
527	2.48e-004	-3.04e-011	-3.16e-005	9.11e-014	2.43e-007	3.13e-013
528	2.60e-004	-3.58e-011	-3.16e-005	1.54e-013	2.43e-007	2.36e-013
529	1.35e-004	-1.03e-011	-2.35e-005	5.39e-014	2.43e-007	1.54e-013
530	1.46e-004	-1.29e-011	-2.35e-005	5.89e-014	2.43e-007	1.95e-013
531	1.58e-004	-1.58e-011	-2.35e-005	6.28e-014	2.43e-007	2.35e-013
532	1.69e-004	-1.88e-011	-2.35e-005	6.65e-014	2.43e-007	2.75e-013
533	1.80e-004	-2.20e-011	-2.35e-005	7.05e-014	2.43e-007	3.11e-013
534	1.92e-004	-2.53e-011	-2.35e-005	7.38e-014	2.43e-007	3.44e-013
535	2.03e-004	-2.88e-011	-2.35e-005	7.52e-014	2.43e-007	3.72e-013
536	2.14e-004	-3.23e-011	-2.35e-005	7.44e-014	2.43e-007	3.90e-013
537	2.26e-004	-3.57e-011	-2.35e-005	7.08e-014	2.43e-007	3.96e-013
538	2.37e-004	-3.88e-011	-2.35e-005	6.27e-014	2.43e-007	3.88e-013
539	2.48e-004	-4.15e-011	-2.35e-005	5.20e-014	2.43e-007	3.56e-013
540	2.60e-004	-4.39e-011	-2.35e-005	5.64e-014	2.43e-007	2.66e-013
541	2.71e-004	-4.74e-011	-2.35e-005	8.52e-014	2.43e-007	5.55e-014
542	1.35e-004	-1.55e-011	-1.54e-005	8.28e-014	2.43e-007	1.55e-013
543	1.46e-004	-1.94e-011	-1.54e-005	8.87e-014	2.43e-007	1.97e-013
544	1.58e-004	-2.37e-011	-1.54e-005	9.20e-014	2.43e-007	2.39e-013
545	1.69e-004	-2.80e-011	-1.54e-005	9.41e-014	2.43e-007	2.79e-013
546	1.80e-004	-3.24e-011	-1.54e-005	9.64e-014	2.43e-007	3.17e-013
547	1.92e-004	-3.69e-011	-1.54e-005	9.68e-014	2.43e-007	3.52e-013
548	2.03e-004	-4.14e-011	-1.54e-005	9.30e-014	2.43e-007	3.83e-013
549	2.14e-004	-4.55e-011	-1.54e-005	8.52e-014	2.43e-007	4.05e-013
550	2.26e-004	-4.92e-011	-1.54e-005	7.35e-014	2.43e-007	4.18e-013
551	2.37e-004	-5.22e-011	-1.54e-005	5.31e-014	2.43e-007	4.19e-013
552	2.48e-004	-5.39e-011	-1.54e-005	1.82e-014	2.43e-007	4.01e-013
553	2.60e-004	-5.35e-011	-1.54e-005	-4.09e-014	2.43e-007	3.27e-013
554	2.71e-004	-4.99e-011	-1.54e-005	-9.81e-014	2.43e-007	1.21e-013
555	1.35e-004	-2.07e-011	-7.30e-006	1.12e-013	2.43e-007	1.57e-013
556	1.46e-004	-2.60e-011	-7.30e-006	1.19e-013	2.43e-007	1.99e-013
557	1.58e-004	-3.17e-011	-7.30e-006	1.22e-013	2.43e-007	2.41e-013
558	1.69e-004	-3.73e-011	-7.30e-006	1.22e-013	2.43e-007	2.81e-013
559	1.80e-004	-4.30e-011	-7.30e-006	1.23e-013	2.43e-007	3.19e-013
560	1.92e-004	-4.87e-011	-7.30e-006	1.22e-013	2.43e-007	3.56e-013
561	2.03e-004	-5.42e-011	-7.30e-006	1.13e-013	2.43e-007	3.90e-013
562	2.14e-004	-5.92e-011	-7.30e-006	9.91e-014	2.43e-007	4.15e-013
563	2.26e-004	-6.34e-011	-7.30e-006	8.18e-014	2.43e-007	4.33e-013
564	2.37e-004	-6.66e-011	-7.30e-006	5.24e-014	2.43e-007	4.44e-013
565	2.48e-004	-6.79e-011	-7.30e-006	2.61e-016	2.43e-007	4.43e-013
566	2.60e-004	-6.55e-011	-7.30e-006	-1.16e-013	2.43e-007	4.12e-013
567	1.35e-004	-2.54e-011	-3.23e-011	1.38e-013	2.43e-007	1.58e-013
568	1.46e-004	-3.20e-011	-3.53e-011	1.47e-013	2.43e-007	2.00e-013
569	1.58e-004	-3.89e-011	-3.84e-011	1.48e-013	2.43e-007	2.42e-013

570	1.69e-004	-4.57e-011	-4.17e-011	1.46e-013	2.43e-007	2.80e-013
571	1.80e-004	-5.26e-011	-4.49e-011	1.48e-013	2.43e-007	3.18e-013
572	1.92e-004	-5.94e-011	-4.83e-011	1.45e-013	2.43e-007	3.56e-013
573	2.03e-004	-6.59e-011	-5.19e-011	1.33e-013	2.43e-007	3.91e-013
574	2.14e-004	-7.17e-011	-5.55e-011	1.14e-013	2.43e-007	4.18e-013
575	2.26e-004	-7.65e-011	-5.93e-011	9.36e-014	2.43e-007	4.41e-013
576	2.37e-004	-8.01e-011	-6.32e-011	5.80e-014	2.43e-007	4.61e-013
577	2.48e-004	-8.16e-011	-6.71e-011	5.58e-017	2.43e-007	4.68e-013
578	2.60e-004	-7.87e-011	-6.99e-011	-1.39e-013	2.43e-007	4.67e-013
579	2.71e-004	-6.74e-011	-7.40e-011	-3.39e-013	2.43e-007	4.27e-013
580	1.35e-004	-3.02e-011	7.30e-006	1.63e-013	2.43e-007	1.61e-013
581	1.46e-004	-3.80e-011	7.30e-006	1.73e-013	2.43e-007	2.00e-013
582	1.58e-004	-4.61e-011	7.30e-006	1.73e-013	2.43e-007	2.40e-013
583	1.69e-004	-5.41e-011	7.30e-006	1.67e-013	2.43e-007	2.78e-013
584	1.80e-004	-6.21e-011	7.30e-006	1.72e-013	2.43e-007	3.14e-013
585	1.92e-004	-7.00e-011	7.30e-006	1.69e-013	2.43e-007	3.51e-013
586	2.03e-004	-7.76e-011	7.30e-006	1.53e-013	2.43e-007	3.85e-013
587	2.14e-004	-8.42e-011	7.30e-006	1.28e-013	2.43e-007	4.14e-013
588	2.26e-004	-8.98e-011	7.30e-006	1.10e-013	2.43e-007	4.44e-013
589	2.37e-004	-9.41e-011	7.30e-006	7.58e-014	2.43e-007	4.69e-013
590	2.48e-004	-9.60e-011	7.30e-006	1.32e-014	2.43e-007	5.01e-013
591	2.60e-004	-9.24e-011	7.30e-006	-1.52e-013	2.43e-007	4.24e-013
592	1.35e-004	-3.01e-011	7.30e-006	1.66e-013	2.43e-007	1.64e-013
593	1.46e-004	-3.80e-011	7.30e-006	1.69e-013	2.43e-007	2.01e-013
594	1.58e-004	-4.62e-011	7.30e-006	1.77e-013	2.43e-007	2.38e-013
595	1.69e-004	-5.41e-011	7.30e-006	1.75e-013	2.43e-007	2.75e-013
596	1.80e-004	-6.20e-011	7.30e-006	1.75e-013	2.43e-007	3.12e-013
597	1.92e-004	-7.00e-011	7.30e-006	1.63e-013	2.43e-007	3.47e-013
598	2.03e-004	-7.76e-011	7.30e-006	1.55e-013	2.43e-007	3.79e-013
599	2.14e-004	-8.42e-011	7.30e-006	1.33e-013	2.43e-007	4.09e-013
600	2.26e-004	-8.97e-011	7.30e-006	1.09e-013	2.43e-007	4.43e-013
601	2.37e-004	-9.41e-011	7.30e-006	6.23e-014	2.43e-007	4.69e-013
602	2.48e-004	-9.60e-011	7.30e-006	-1.24e-014	2.43e-007	5.08e-013
603	2.60e-004	-9.25e-011	7.30e-006	-1.72e-013	2.43e-007	3.91e-013
604	2.71e-004	-8.13e-011	7.30e-006	-3.52e-013	2.43e-007	5.58e-013
605	1.35e-004	-3.02e-011	7.30e-006	1.68e-013	2.43e-007	1.65e-013
606	1.46e-004	-3.80e-011	7.30e-006	1.73e-013	2.43e-007	2.01e-013
607	1.58e-004	-4.61e-011	7.30e-006	1.79e-013	2.43e-007	2.37e-013
608	1.69e-004	-5.41e-011	7.30e-006	1.34e-013	2.43e-007	2.71e-013
609	1.80e-004	-6.21e-011	7.30e-006	1.78e-013	2.43e-007	3.10e-013
610	1.92e-004	-7.00e-011	7.30e-006	1.69e-013	2.43e-007	3.45e-013
611	2.03e-004	-7.76e-011	7.30e-006	1.60e-013	2.43e-007	3.75e-013
612	2.14e-004	-8.42e-011	7.30e-006	9.48e-014	2.43e-007	4.01e-013
613	2.26e-004	-8.98e-011	7.30e-006	1.18e-013	2.43e-007	4.39e-013
614	2.37e-004	-9.42e-011	7.30e-006	7.69e-014	2.43e-007	4.65e-013
615	2.48e-004	-9.60e-011	7.30e-006	5.07e-015	2.43e-007	4.86e-013
616	2.60e-004	-9.20e-011	7.30e-006	-1.69e-013	2.43e-007	4.60e-013
617	1.35e-004	-2.87e-011	7.30e-006	1.59e-013	2.43e-007	2.42e-013
618	1.35e-004	-2.87e-011	7.30e-006	1.63e-013	2.43e-007	2.42e-013
619	1.46e-004	-3.67e-011	7.30e-006	1.77e-013	2.43e-007	2.77e-013
620	1.46e-004	-3.67e-011	7.30e-006	1.82e-013	2.43e-007	2.77e-013
621	1.58e-004	-4.54e-011	7.30e-006	1.91e-013	2.43e-007	3.12e-013
622	1.58e-004	-4.54e-011	7.30e-006	1.94e-013	2.43e-007	3.11e-013
623	3.32e-004	-7.93e-011	-3.31e-005	-4.29e-013	2.43e-007	-1.22e-013
624	3.32e-004	-3.52e-011	-5.84e-006	5.33e-013	2.43e-007	2.82e-013
625	3.42e-004	-3.03e-011	-4.62e-005	-5.91e-013	2.43e-007	-3.63e-013
626	2.43e-006	7.61e-014	-4.62e-005	9.59e-015	2.43e-007	1.10e-015
627	3.42e-004	-3.92e-011	-4.62e-005	-7.26e-013	2.43e-007	1.47e-013
628	1.34e-005	2.67e-013	7.30e-006	-8.46e-015	2.43e-007	-4.49e-015
629	2.43e-006	1.60e-013	7.30e-006	-9.47e-015	2.43e-007	-1.05e-014
630	1.34e-005	3.64e-013	7.30e-006	-3.79e-015	2.43e-007	-1.88e-014
631	2.43e-006	5.45e-014	-7.30e-006	-1.83e-014	2.43e-007	1.48e-015
632	2.43e-006	-5.18e-014	-3.16e-005	1.99e-014	2.43e-007	1.40e-015
633	2.43e-006	-2.33e-014	-1.59e-012	-3.14e-014	2.43e-007	4.34e-015
634	2.43e-006	2.66e-014	-1.54e-005	-3.81e-015	2.43e-007	-2.47e-017
635	2.43e-006	-2.53e-014	-2.35e-005	5.25e-015	2.43e-007	2.04e-016
636	2.43e-006	4.56e-014	-3.89e-005	3.34e-014	2.43e-007	5.57e-015
637	2.43e-006	-3.26e-014	-7.30e-006	1.87e-014	2.43e-007	-9.67e-016

638	2.43e-006	5.28e-014	-3.16e-005	-2.09e-014	2.43e-007	-8.93e-016
639	2.43e-006	-3.85e-015	-1.72e-012	2.92e-014	2.43e-007	-3.17e-015
640	2.43e-006	-9.15e-015	-1.54e-005	3.10e-015	2.43e-007	1.39e-016
641	2.43e-006	3.82e-014	-2.35e-005	-5.51e-015	2.43e-007	-1.79e-016
642	2.43e-006	-5.78e-015	-3.89e-005	-3.12e-014	2.43e-007	-4.69e-015
643	2.43e-006	8.26e-015	-1.54e-005	4.77e-016	2.43e-007	1.35e-016
644	2.43e-006	-7.35e-014	-7.30e-006	-1.29e-014	2.43e-007	1.54e-015
645	2.43e-006	8.05e-014	-6.59e-013	1.15e-014	2.43e-007	4.97e-015
646	1.34e-005	4.16e-013	7.30e-006	-2.36e-014	2.43e-007	1.13e-014
647	1.34e-005	5.40e-013	-2.12e-012	-2.06e-014	2.43e-007	-1.95e-015
648	2.43e-006	-1.80e-013	7.30e-006	-2.01e-015	2.43e-007	1.14e-014
649	2.43e-006	1.24e-013	-7.30e-006	7.47e-015	2.43e-007	-2.39e-015
650	1.34e-005	4.20e-013	-7.30e-006	-1.69e-014	2.43e-007	-5.22e-015
651	2.43e-006	-6.03e-014	-3.89e-005	-9.47e-015	2.43e-007	6.90e-015
652	2.43e-006	-1.29e-013	-3.16e-005	-5.59e-015	2.43e-007	-2.18e-015
653	1.34e-005	-4.68e-013	-3.89e-005	1.71e-014	2.43e-007	-1.39e-015
654	1.34e-005	-3.39e-013	-3.16e-005	1.18e-014	2.43e-007	-5.82e-015
655	2.43e-006	2.69e-013	-4.62e-005	3.88e-015	2.43e-007	1.42e-014
656	1.34e-005	-3.00e-013	-4.62e-005	2.37e-014	2.43e-007	1.46e-014
657	2.43e-006	-7.94e-014	-1.67e-012	-4.59e-014	2.43e-007	-3.58e-015
658	2.43e-006	1.06e-013	7.30e-006	-2.81e-014	2.43e-007	-1.04e-014
659	1.34e-005	4.39e-013	-4.54e-012	5.28e-016	2.43e-007	3.74e-015
660	1.34e-005	4.61e-013	7.30e-006	4.66e-015	2.43e-007	-8.46e-015
661	2.43e-006	-8.23e-014	-7.30e-006	-3.00e-014	2.43e-007	8.26e-016
662	1.34e-005	4.48e-013	-7.30e-006	-3.14e-017	2.43e-007	-3.82e-015
663	2.43e-006	6.45e-014	-3.89e-005	4.27e-014	2.43e-007	-6.50e-015
664	2.43e-006	1.15e-013	-3.16e-005	2.64e-014	2.43e-007	1.02e-016
665	1.34e-005	-4.63e-013	-3.89e-005	1.81e-015	2.43e-007	-4.44e-016
666	1.34e-005	-3.72e-013	-3.16e-005	8.46e-016	2.43e-007	-6.23e-015
667	2.43e-006	-2.31e-013	-4.62e-005	2.53e-014	2.43e-007	-1.50e-014
668	1.34e-005	-6.60e-013	-4.62e-005	-4.39e-015	2.43e-007	-1.65e-014
669	2.43e-006	4.71e-014	-1.54e-005	3.16e-015	2.43e-007	-3.66e-015
670	1.34e-005	1.89e-013	-1.54e-005	-8.17e-015	2.43e-007	-7.12e-015
671	2.43e-006	-5.19e-014	-2.35e-005	-1.47e-015	2.43e-007	-3.53e-015
672	1.34e-005	-8.65e-014	-2.35e-005	2.08e-015	2.43e-007	-7.50e-015
673	2.43e-006	-2.02e-014	-1.54e-005	-1.18e-014	2.43e-007	2.72e-015
674	1.34e-005	2.28e-013	-1.54e-005	-1.01e-015	2.43e-007	-9.64e-015
675	2.43e-006	6.40e-014	-2.35e-005	7.99e-015	2.43e-007	2.48e-015
676	1.34e-005	-9.77e-014	-2.35e-005	4.28e-016	2.43e-007	-1.04e-014
677	2.43e-006	-2.60e-013	-4.62e-005	5.21e-015	2.43e-007	-1.30e-014
678	3.15e-004	-7.66e-011	-4.62e-005	-1.86e-013	2.43e-007	-3.63e-013
679	3.15e-004	-9.42e-011	-4.62e-005	-1.87e-013	2.43e-007	1.47e-013
680	2.43e-006	-2.52e-013	-4.62e-005	-2.43e-014	2.43e-007	-5.49e-015
681	3.56e-004	-6.30e-011	-1.95e-005	-2.39e-015	2.43e-007	6.51e-013
682	2.43e-006	5.13e-015	-2.35e-005	-7.55e-016	2.43e-007	8.93e-017
683	2.43e-006	1.01e-013	-7.30e-006	-2.18e-015	2.43e-007	-2.30e-015
684	2.43e-006	-1.61e-014	-1.54e-005	-8.19e-015	2.43e-007	4.08e-015
685	2.43e-006	1.01e-013	-3.16e-005	9.37e-015	2.43e-007	5.88e-016
686	2.43e-006	5.64e-014	-2.35e-005	4.48e-015	2.43e-007	3.56e-015
687	2.43e-006	-1.02e-013	-3.16e-005	4.30e-015	2.43e-007	-2.04e-015
688	2.43e-006	2.66e-014	-3.89e-005	2.22e-015	2.43e-007	6.35e-016
689	2.43e-006	1.12e-014	-3.16e-005	-9.96e-016	2.43e-007	2.56e-016
690	2.43e-006	-1.83e-014	-2.37e-012	-1.89e-015	2.43e-007	6.59e-016
691	2.43e-006	-3.72e-016	-7.30e-006	9.49e-016	2.43e-007	2.84e-016
692	2.43e-006	4.12e-014	-1.54e-005	1.53e-015	2.43e-007	-4.89e-015
693	2.43e-006	-4.57e-014	-2.35e-005	4.54e-016	2.43e-007	-4.61e-015
694	0.00	0.00	0.00	0.00	0.00	0.00
695	0.00	0.00	0.00	0.00	0.00	0.00
696	2.98e-004	-1.19e-011	-5.84e-006	-3.54e-013	2.43e-007	5.44e-013
697	2.98e-004	-9.22e-011	-3.31e-005	3.88e-013	2.43e-007	7.44e-014
698	3.56e-004	7.45e-012	-4.62e-005	3.08e-013	2.43e-007	6.44e-013
699	3.56e-004	-1.33e-010	7.30e-006	-2.99e-013	2.43e-007	6.47e-013
700	3.56e-004	-1.33e-010	7.30e-006	-2.32e-013	2.43e-007	6.47e-013
701	3.56e-004	7.42e-012	-4.62e-005	3.34e-013	2.43e-007	6.45e-013
702	3.56e-004	-2.72e-011	-3.31e-005	-4.54e-014	2.43e-007	6.38e-013
703	3.56e-004	-9.87e-011	-5.84e-006	8.22e-014	2.43e-007	6.40e-013
704	2.98e-004	-2.03e-011	-5.84e-006	-1.64e-013	2.43e-007	3.82e-013
705	2.98e-004	-4.85e-011	-3.31e-005	1.87e-013	2.43e-007	-4.99e-013

706	3.56e-004	-2.71e-011	-3.31e-005	3.83e-013	2.43e-007	6.39e-013
707	3.56e-004	-9.87e-011	-5.84e-006	-3.93e-013	2.43e-007	6.40e-013
708	2.98e-004	-4.90e-011	7.30e-006	-3.16e-013	2.43e-007	1.06e-012
709	2.98e-004	-4.53e-011	7.30e-006	-3.21e-013	2.43e-007	1.02e-012
710	3.56e-004	7.39e-012	-4.62e-005	4.95e-013	2.43e-007	6.56e-013

SPOSTAMENTI NODALI "ACC passerella" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	-4.31e-007	2.82e-006	1.11e-006	-2.20e-007	-7.99e-008	7.50e-009
2	-1.51e-004	2.94e-003	1.27e-004	-4.64e-006	-3.38e-007	2.01e-007
3	-1.51e-004	2.93e-003	1.15e-004	-4.63e-006	-3.12e-007	2.01e-007
4	5.36e-007	2.74e-006	9.47e-007	-2.15e-007	9.34e-008	-1.20e-008
5	-1.63e-004	3.11e-003	1.27e-004	-4.62e-006	-3.33e-007	2.00e-007
6	-1.39e-004	2.77e-003	1.37e-004	-4.63e-006	-3.36e-007	1.80e-007
7	-1.51e-004	2.95e-003	1.37e-004	-4.63e-006	-3.27e-007	1.92e-007
8	-1.48e-004	2.77e-003	-7.83e-005	-4.59e-006	-3.34e-007	1.70e-007
9	-1.60e-004	2.95e-003	-7.85e-005	-4.61e-006	-3.28e-007	1.74e-007
10	-1.72e-004	3.12e-003	-7.81e-005	-4.60e-006	-3.22e-007	1.78e-007
11	-7.98e-007	3.96e-006	-8.57e-006	-4.61e-007	-1.31e-007	3.66e-008
12	-1.56e-004	2.77e-003	-2.95e-004	-4.66e-006	-3.39e-007	1.68e-007
13	-1.68e-004	2.95e-003	-2.96e-004	-4.67e-006	-3.33e-007	1.71e-007
14	7.61e-007	3.91e-006	-8.41e-006	-4.47e-007	1.25e-007	-3.00e-008
15	-1.48e-004	2.79e-003	-2.96e-004	-4.97e-006	-4.76e-007	2.20e-007
16	-1.38e-004	2.79e-003	-6.27e-005	-4.96e-006	-4.34e-007	2.17e-007
17	-3.37e-007	3.63e-005	-7.15e-005	-3.62e-007	-6.19e-008	-1.63e-007
18	-1.68e-004	2.97e-003	-2.98e-004	-5.00e-006	-5.75e-007	2.62e-007
19	-1.56e-004	2.97e-003	-6.41e-005	-4.95e-006	-5.32e-007	2.48e-007
20	-1.90e-004	3.15e-003	-2.98e-004	-4.99e-006	-6.08e-007	3.01e-007
21	-1.59e-004	2.79e-003	-5.36e-004	-5.10e-006	-6.12e-007	2.46e-007
22	-1.80e-004	2.97e-003	-5.33e-004	-4.95e-006	-6.31e-007	2.71e-007
23	-1.55e-004	2.78e-003	-5.52e-004	-4.96e-006	-6.77e-007	2.88e-007
24	-1.80e-004	2.96e-003	-5.54e-004	-4.93e-006	-6.78e-007	2.97e-007
25	-2.05e-004	3.15e-003	-5.53e-004	-4.93e-006	-6.92e-007	2.97e-007
26	-1.54e-004	2.77e-003	-5.75e-004	-4.96e-006	-5.45e-007	2.90e-007
27	-1.80e-004	2.95e-003	-5.74e-004	-4.94e-006	-7.32e-007	2.97e-007
28	-2.02e-006	5.95e-005	-9.39e-005	-5.66e-007	-4.99e-008	-1.02e-007
29	-1.68e-004	2.75e-003	-5.95e-004	-4.87e-006	1.15e-007	4.60e-008
30	-1.69e-004	2.75e-003	-6.01e-004	-4.84e-006	8.73e-009	5.38e-008
31	-1.62e-004	2.93e-003	-5.96e-004	-4.72e-006	1.63e-007	3.63e-008
32	-1.62e-004	2.93e-003	-6.01e-004	-4.74e-006	2.28e-007	4.33e-008
33	-1.56e-004	3.10e-003	-5.96e-004	-4.67e-006	2.02e-007	6.69e-008
34	-1.64e-004	2.75e-003	-5.96e-004	-4.97e-006	9.32e-008	7.24e-008
35	-1.62e-004	2.92e-003	-5.90e-004	-4.72e-006	1.49e-007	5.11e-008
36	-1.62e-004	2.75e-003	-4.84e-004	-4.97e-006	-3.50e-008	1.03e-007
37	-1.61e-004	2.92e-003	-4.85e-004	-4.82e-006	9.39e-008	6.89e-008
38	-1.13e-006	5.89e-005	-9.69e-005	-6.43e-007	-2.17e-009	5.14e-008
39	-9.29e-007	5.86e-005	-5.64e-005	-6.38e-007	1.98e-008	-1.83e-008
40	-1.55e-004	3.10e-003	-4.85e-004	-4.68e-006	1.62e-007	1.66e-009
41	-1.58e-004	2.75e-003	-3.02e-004	-4.84e-006	-7.50e-008	1.08e-007
42	-1.58e-004	2.93e-003	-3.09e-004	-4.78e-006	5.40e-008	6.63e-008
43	-1.39e-004	2.74e-003	-1.22e-005	-4.61e-006	-2.44e-007	6.49e-008
44	-3.11e-007	5.62e-005	1.92e-005	-5.64e-007	-3.68e-008	-1.46e-008
45	-3.54e-008	5.56e-005	-3.18e-005	-4.02e-007	-7.07e-008	2.09e-008
46	-5.24e-007	5.64e-005	-3.70e-005	-4.89e-007	-7.78e-008	3.58e-008
47	-2.04e-006	5.70e-005	-9.21e-005	-5.89e-007	-3.58e-008	-5.14e-008
48	-2.14e-007	5.88e-005	-1.05e-005	-5.01e-007	4.72e-008	3.60e-008
49	1.90e-006	5.80e-005	1.93e-005	-5.12e-007	4.46e-008	2.06e-008
50	-1.41e-004	2.74e-003	-1.84e-004	-4.69e-006	-2.33e-007	6.17e-008
51	-1.48e-004	2.91e-003	-1.22e-005	-4.66e-006	-2.55e-007	5.23e-008
52	-1.50e-004	2.91e-003	-1.84e-004	-4.77e-006	-2.35e-007	4.63e-008
53	-1.57e-004	3.08e-003	-1.28e-005	-4.57e-006	-2.54e-007	3.36e-008
54	-1.30e-006	6.40e-005	-9.82e-005	-5.63e-007	-1.17e-008	8.19e-008
55	-1.90e-006	6.27e-005	-9.57e-005	-5.39e-007	-3.38e-008	-1.01e-007
56	2.00e-006	5.81e-005	1.60e-005	-5.15e-007	1.06e-007	-1.30e-008
57	-5.51e-007	5.68e-005	1.64e-005	-5.32e-007	-1.11e-007	-5.53e-009
58	-2.44e-004	4.20e-003	-3.81e-004	-3.48e-006	8.66e-007	2.71e-007
59	-2.14e-004	4.20e-003	-1.15e-004	-3.41e-006	-9.90e-007	2.69e-007

60	-2.14e-004	4.26e-003	-6.64e-005	-3.27e-006	5.31e-007	2.71e-007
61	-3.02e-005	9.77e-004	-3.23e-006	-2.83e-006	-1.84e-007	6.07e-008
62	-3.25e-005	9.77e-004	-1.07e-004	-2.74e-006	-1.89e-007	6.41e-008
63	-2.44e-004	4.22e-003	-4.19e-004	-3.60e-006	3.99e-007	2.72e-007
64	-2.14e-004	4.22e-003	-6.81e-005	-3.45e-006	-6.20e-007	2.71e-007
65	-2.44e-004	4.25e-003	-3.86e-004	-3.63e-006	-1.03e-006	2.71e-007
66	-2.14e-004	4.25e-003	-4.41e-005	-3.33e-006	1.66e-007	2.71e-007
67	-2.13e-004	2.60e-003	0.00	7.36e-004	-6.52e-004	1.93e-007
68	-2.13e-004	2.57e-003	0.00	7.37e-004	6.52e-004	1.91e-007
69	-1.68e-004	2.60e-003	-5.51e-002	-4.72e-004	-6.52e-004	1.06e-007
70	-1.82e-004	2.60e-003	-7.34e-002	1.80e-006	-6.52e-004	2.10e-007
71	6.27e-006	1.56e-005	-3.32e-005	-2.85e-007	-9.43e-008	6.74e-008
72	5.59e-007	3.72e-006	-9.58e-006	-1.80e-007	1.67e-007	3.19e-010
73	-1.96e-004	2.60e-003	-5.48e-002	4.76e-004	-6.52e-004	1.88e-007
74	-1.67e-004	2.57e-003	-5.51e-002	-4.72e-004	6.51e-004	2.78e-007
75	-1.35e-006	3.31e-005	-6.18e-005	-4.55e-007	4.91e-008	-3.73e-008
76	-1.44e-006	3.34e-005	-7.19e-005	-4.09e-007	4.20e-008	5.84e-008
77	-5.57e-007	5.85e-005	-8.19e-005	-6.36e-007	-4.26e-009	7.31e-009
78	6.82e-006	1.42e-005	-2.06e-005	-2.65e-007	4.59e-009	-4.19e-008
79	3.48e-007	2.64e-006	-1.22e-006	-2.61e-007	6.19e-008	-2.27e-008
80	-3.28e-006	3.34e-005	-4.46e-005	-4.38e-007	7.47e-008	-5.44e-008
81	-1.82e-004	2.57e-003	-7.34e-002	1.93e-006	6.52e-004	1.74e-007
82	3.91e-006	1.47e-005	-6.31e-006	-3.07e-007	2.10e-008	-6.90e-008
83	-2.63e-007	3.02e-006	-4.63e-007	-2.71e-007	-3.94e-008	1.21e-008
84	-9.50e-007	3.44e-005	5.81e-006	-4.27e-007	3.71e-008	4.56e-008
85	1.23e-006	5.84e-005	7.67e-006	-5.37e-007	4.47e-008	3.71e-008
86	-1.69e-006	1.58e-005	2.80e-006	-3.19e-007	-9.50e-009	5.60e-008
87	-3.65e-007	3.93e-006	-8.87e-006	-1.82e-007	-1.49e-007	-4.79e-009
88	-1.28e-007	3.44e-005	1.50e-005	-4.24e-007	3.49e-008	2.82e-008
89	-1.96e-004	2.57e-003	-5.48e-002	4.76e-004	6.52e-004	1.96e-007
90	-3.97e-006	1.54e-005	-8.55e-006	-3.02e-007	-1.57e-008	7.22e-008
91	-6.39e-008	5.02e-006	-1.46e-005	-8.22e-008	-3.06e-007	-1.60e-008
92	-4.19e-006	3.37e-005	-2.60e-005	-4.07e-007	7.14e-008	7.78e-009
93	-1.23e-006	5.90e-005	-3.11e-005	-5.42e-007	4.38e-008	6.43e-009
94	-6.48e-006	1.48e-005	-1.98e-005	-2.92e-007	-6.33e-009	5.10e-008
95	3.55e-007	5.06e-006	-1.57e-005	4.00e-009	-4.60e-007	-1.49e-008
96	-2.80e-006	3.41e-005	-9.03e-006	-4.07e-007	5.03e-008	4.93e-008
97	-2.09e-004	2.60e-003	-1.28e-002	7.22e-004	-6.52e-004	1.93e-007
98	-3.92e-005	1.11e-003	-4.44e-006	-3.05e-006	-2.01e-007	6.81e-008
99	-4.17e-005	1.11e-003	-1.17e-004	-3.04e-006	-2.06e-007	6.84e-008
100	-1.72e-007	3.49e-005	1.41e-005	-4.23e-007	1.83e-008	4.05e-009
101	1.95e-006	5.83e-005	1.83e-005	-5.19e-007	4.00e-008	-1.14e-009
102	-4.90e-005	1.26e-003	-5.74e-006	-3.25e-006	-2.17e-007	7.46e-008
103	-5.17e-005	1.26e-003	-1.26e-004	-3.25e-006	-2.22e-007	7.46e-008
104	-9.71e-009	3.48e-005	1.32e-005	-4.24e-007	2.55e-008	-8.03e-009
105	-2.09e-004	2.57e-003	-1.28e-002	7.22e-004	6.52e-004	1.91e-007
106	-5.94e-005	1.42e-003	-7.05e-006	-3.48e-006	-2.34e-007	8.16e-008
107	-6.24e-005	1.42e-003	-1.36e-004	-3.48e-006	-2.39e-007	8.10e-008
108	2.52e-007	3.44e-005	1.25e-005	-4.22e-007	5.55e-009	-1.34e-008
109	1.28e-006	5.74e-005	1.29e-005	-4.85e-007	3.24e-008	-2.16e-008
110	-1.53e-004	2.60e-003	-1.33e-002	-7.18e-004	-6.24e-004	5.82e-007
111	-7.07e-005	1.58e-003	-8.40e-006	-3.71e-006	-2.50e-007	8.72e-008
112	-7.39e-005	1.58e-003	-1.44e-004	-3.60e-006	-2.52e-007	8.50e-008
113	8.73e-007	3.39e-005	1.25e-005	-4.18e-007	-1.18e-010	-1.61e-008
114	-4.36e-008	5.69e-005	1.29e-005	-4.88e-007	-3.84e-008	-9.27e-009
115	-8.25e-005	1.76e-003	-9.49e-006	-3.95e-006	-2.56e-007	8.83e-008
116	-8.58e-005	1.76e-003	-1.55e-004	-3.97e-006	-2.57e-007	8.65e-008
117	1.13e-006	3.34e-005	1.32e-005	-4.12e-007	-1.93e-008	-1.78e-008
118	-1.56e-004	2.57e-003	-1.34e-002	-7.18e-004	6.24e-004	-1.98e-007
119	-9.45e-005	1.95e-003	-1.05e-005	-4.13e-006	-2.56e-007	8.70e-008
120	-9.77e-005	1.95e-003	-1.64e-004	-4.17e-006	-2.56e-007	8.64e-008
121	1.32e-006	3.29e-005	1.36e-005	-4.07e-007	1.33e-010	-2.28e-008
122	-3.81e-007	5.66e-005	1.87e-005	-5.53e-007	-2.99e-008	-1.08e-008
123	-1.06e-004	2.15e-003	-1.13e-005	-4.32e-006	-2.55e-007	8.59e-008
124	-1.10e-004	2.15e-003	-1.71e-004	-4.36e-006	-2.53e-007	8.49e-008
125	1.27e-006	3.20e-005	1.36e-005	-4.11e-007	-1.26e-008	-3.32e-008
126	-1.18e-004	2.35e-003	-1.20e-005	-4.48e-006	-2.49e-007	8.26e-008
127	-1.21e-004	2.35e-003	-1.76e-004	-4.36e-006	-2.45e-007	8.11e-008

128	-1.30e-004	2.56e-003	-1.21e-005	-4.62e-006	-2.42e-007	7.33e-008
129	3.00e-006	3.23e-005	-6.66e-006	-4.26e-007	-4.67e-008	-3.72e-008
130	2.64e-007	5.60e-005	-8.94e-006	-5.95e-007	-5.73e-008	-5.70e-009
131	-1.56e-004	3.10e-003	-5.89e-004	-4.66e-006	2.12e-007	2.91e-008
132	-1.55e-004	3.09e-003	-3.20e-004	-3.81e-006	8.92e-008	-6.70e-009
133	3.92e-006	3.25e-005	-2.77e-005	-3.65e-007	-9.16e-008	1.49e-008
134	-1.63e-004	3.12e-003	1.37e-004	-4.60e-006	-3.22e-007	1.94e-007
135	-1.80e-004	3.12e-003	-2.98e-004	-4.81e-006	-3.28e-007	1.75e-007
136	-2.09e-004	2.58e-003	-4.54e-002	7.22e-004	-1.47e-008	1.92e-007
137	-1.77e-004	3.15e-003	-6.58e-005	-4.80e-006	-5.73e-007	2.76e-007
138	-2.05e-004	3.15e-003	-5.32e-004	-4.94e-006	-6.84e-007	3.11e-007
139	-1.58e-004	3.08e-003	-1.77e-004	-3.99e-006	-2.21e-007	8.26e-009
140	1.25e-006	3.25e-005	-4.91e-005	-4.22e-007	-9.11e-008	7.46e-008
141	-2.24e-006	5.68e-005	-6.31e-005	-6.09e-007	-5.15e-008	3.14e-008
142	-1.56e-004	3.08e-003	8.87e-005	-4.61e-006	-2.60e-007	5.32e-008
143	-1.56e-004	3.10e-003	-6.00e-004	-4.69e-006	1.25e-007	6.62e-008
144	-3.49e-008	3.28e-005	-6.90e-005	-3.98e-007	-5.94e-008	-5.54e-008
145	-1.96e-004	2.58e-003	-8.74e-002	4.76e-004	-7.19e-008	1.92e-007
146	-2.05e-004	3.14e-003	-5.73e-004	-4.92e-006	-6.22e-007	2.97e-007
147	-1.57e-004	3.09e-003	1.06e-004	-4.66e-006	-2.72e-007	1.05e-007
148	-1.13e-006	3.69e-005	-7.40e-005	-3.72e-007	3.73e-008	1.65e-007
149	-1.15e-006	6.12e-005	-9.78e-005	-6.02e-007	7.71e-009	9.57e-008
150	-1.62e-004	3.10e-003	1.16e-004	-4.62e-006	-2.24e-007	2.06e-007
151	-1.37e-004	2.74e-003	9.60e-005	-4.68e-006	-2.32e-007	6.89e-008
152	-9.86e-007	4.16e-005	-7.53e-005	-3.40e-007	3.07e-008	1.43e-007
153	-1.82e-004	2.58e-003	-0.11	1.86e-006	-1.35e-007	1.92e-007
154	-1.37e-004	2.74e-003	8.96e-005	-4.69e-006	-2.36e-007	6.53e-008
155	-1.47e-004	2.91e-003	9.63e-005	-4.66e-006	-2.50e-007	6.11e-008
156	-7.66e-007	4.48e-005	-7.58e-005	-3.25e-007	5.97e-009	4.85e-008
157	-1.50e-006	6.58e-005	-9.81e-005	-5.30e-007	-1.84e-008	2.23e-008
158	-1.67e-004	2.59e-003	-8.77e-002	-4.72e-004	-1.99e-007	1.92e-007
159	-1.47e-004	2.91e-003	8.94e-005	-4.66e-006	-2.54e-007	5.19e-008
160	-1.57e-004	3.08e-003	9.65e-005	-4.64e-006	-2.51e-007	7.76e-008
161	-6.69e-007	4.45e-005	-7.53e-005	-3.22e-007	-3.62e-008	-6.13e-008
162	-1.71e-006	6.53e-005	-9.72e-005	-5.22e-007	-2.91e-008	-5.04e-008
163	-1.37e-004	2.74e-003	1.04e-004	-4.67e-006	-2.59e-007	7.46e-008
164	-1.47e-004	2.92e-003	1.05e-004	-4.67e-006	-2.78e-007	7.56e-008
165	-4.48e-007	4.10e-005	-7.37e-005	-3.34e-007	-6.01e-008	-1.49e-007
166	-1.54e-004	2.57e-003	-4.48e-002	-7.18e-004	-2.56e-007	1.92e-007
167	-1.39e-004	2.77e-003	1.26e-004	-4.63e-006	-3.48e-007	1.87e-007
168	-1.39e-004	2.76e-003	1.14e-004	-4.62e-006	-3.15e-007	1.89e-007
169	-2.35e-006	9.57e-005	-1.22e-004	-8.82e-007	-3.25e-008	2.97e-008
170	-1.02e-006	9.49e-005	-6.67e-005	-1.05e-006	-2.37e-008	2.03e-008
171	-1.87e-006	8.92e-005	2.52e-005	-7.85e-007	-2.12e-008	2.29e-009
172	-2.50e-006	8.87e-005	-4.91e-005	-8.10e-007	-3.72e-008	1.35e-008
173	-3.95e-006	9.05e-005	-3.84e-005	-8.12e-007	-6.09e-008	1.48e-008
174	-3.51e-006	9.08e-005	-1.15e-004	-8.03e-007	-3.39e-008	-4.47e-008
175	1.54e-006	8.61e-005	-1.43e-005	-4.85e-007	2.68e-008	3.69e-008
176	3.59e-006	8.70e-005	2.35e-005	-6.73e-007	1.82e-008	2.98e-008
177	-2.59e-006	9.75e-005	-1.21e-004	-8.00e-007	-2.62e-008	1.96e-008
178	-3.31e-006	9.48e-005	-1.18e-004	-7.70e-007	-4.11e-008	-6.99e-008
179	3.63e-006	8.82e-005	2.25e-005	-7.08e-007	1.81e-008	1.37e-008
180	-1.89e-006	8.89e-005	2.42e-005	-7.68e-007	-1.83e-008	7.62e-009
181	-1.78e-006	9.57e-005	-1.03e-004	-8.69e-007	-3.90e-008	2.44e-008
182	8.17e-008	8.74e-005	-3.21e-005	-4.90e-007	1.71e-008	2.92e-008
183	2.88e-006	8.69e-005	7.88e-006	-7.08e-007	2.10e-008	3.48e-008
184	3.72e-006	8.77e-005	2.30e-005	-6.97e-007	1.24e-008	1.92e-008
185	-2.02e-006	8.91e-005	2.46e-005	-7.77e-007	-8.97e-009	5.66e-009
186	-2.01e-006	8.87e-005	-1.18e-005	-7.94e-007	-3.50e-008	6.75e-009
187	-4.44e-006	9.05e-005	-7.64e-005	-8.12e-007	-3.86e-008	1.68e-009
188	-3.44e-006	9.26e-005	-1.16e-004	-7.85e-007	-4.89e-008	-6.91e-008
189	-3.08e-006	9.68e-005	-1.19e-004	-7.61e-007	-3.90e-008	-4.62e-008
190	-2.83e-006	9.77e-005	-1.20e-004	-7.70e-007	-2.92e-008	-1.05e-008
191	0.00	0.00	0.00	0.00	0.00	0.00
192	0.00	0.00	0.00	0.00	0.00	0.00
193	-2.44e-006	9.67e-005	-1.22e-004	-8.36e-007	-1.69e-008	3.20e-008
194	-1.13e-005	2.77e-004	-2.04e-004	-1.43e-006	-7.74e-008	1.08e-008
195	-1.04e-005	2.77e-004	-1.19e-004	-1.45e-006	-7.34e-008	1.70e-008

196	-1.91e-006	2.73e-004	4.51e-005	-1.49e-006	1.93e-008	2.47e-008
197	-4.39e-006	2.73e-004	-9.46e-005	-1.49e-006	-4.67e-009	2.80e-008
198	-1.23e-005	2.75e-004	-4.71e-005	-1.49e-006	-5.79e-008	-2.36e-009
199	-1.17e-005	2.75e-004	-1.87e-004	-1.49e-006	-7.54e-008	-1.34e-008
200	-4.14e-007	2.69e-004	-5.04e-005	-1.50e-006	-7.07e-008	3.47e-008
201	1.48e-006	2.69e-004	3.73e-005	-1.50e-006	-7.58e-008	2.59e-008
202	-1.14e-005	2.77e-004	-1.99e-004	-1.44e-006	-7.56e-008	-4.62e-009
203	-1.16e-005	2.76e-004	-1.92e-004	-1.47e-006	-7.68e-008	-1.93e-008
204	1.75e-006	2.70e-004	4.24e-005	-1.54e-006	-1.53e-007	9.51e-009
205	-2.03e-006	2.72e-004	4.70e-005	-1.54e-006	9.39e-008	2.95e-008
206	4.25e-006	1.24e-004	2.77e-005	-9.47e-007	1.17e-008	3.17e-008
207	4.28e-006	1.23e-004	2.81e-005	-9.46e-007	1.40e-008	3.37e-008
208	4.40e-006	1.71e-004	3.23e-005	-1.19e-006	-8.74e-009	1.65e-008
209	4.41e-006	1.70e-004	3.23e-005	-1.20e-006	4.07e-010	2.39e-008
210	3.45e-006	2.27e-004	3.66e-005	-1.38e-006	-4.05e-008	4.98e-009
211	3.26e-006	2.27e-004	3.54e-005	-1.38e-006	-4.37e-008	2.10e-008
212	1.52e-006	2.69e-004	3.91e-005	-1.51e-006	-6.64e-008	1.77e-008
213	4.28e-006	1.24e-004	2.74e-005	-9.45e-007	1.09e-008	2.53e-008
214	4.41e-006	1.71e-004	3.25e-005	-1.18e-006	-5.61e-009	1.49e-008
215	3.48e-006	2.27e-004	3.79e-005	-1.38e-006	-3.46e-008	2.25e-009
216	-2.50e-006	1.28e-004	3.04e-005	-9.78e-007	-1.18e-008	1.52e-008
217	-2.50e-006	1.27e-004	3.02e-005	-9.70e-007	-9.23e-009	1.69e-008
218	-2.73e-006	1.75e-004	3.62e-005	-1.17e-006	3.87e-010	2.79e-008
219	-2.74e-006	1.74e-004	3.61e-005	-1.16e-006	3.32e-010	2.89e-008
220	-2.56e-006	2.31e-004	4.19e-005	-1.37e-006	8.44e-009	3.71e-008
221	-2.60e-006	2.30e-004	4.22e-005	-1.36e-006	5.06e-009	3.89e-008
222	-1.93e-006	2.72e-004	4.53e-005	-1.51e-006	1.09e-008	2.47e-008
223	-2.52e-006	1.28e-004	3.08e-005	-9.86e-007	-1.09e-008	1.32e-008
224	-2.73e-006	1.76e-004	3.62e-005	-1.18e-006	-7.20e-010	2.14e-008
225	-2.39e-006	2.32e-004	4.16e-005	-1.36e-006	1.38e-008	2.57e-008
226	-3.12e-006	1.28e-004	-1.53e-005	-9.82e-007	-1.69e-008	1.25e-008
227	-3.54e-006	1.76e-004	-1.89e-005	-1.17e-006	-2.36e-009	1.51e-008
228	-3.36e-006	2.32e-004	-2.24e-005	-1.36e-006	9.36e-009	1.99e-008
229	-3.11e-006	2.73e-004	-2.47e-005	-1.49e-006	6.94e-009	2.63e-008
230	-3.73e-006	1.28e-004	-6.17e-005	-9.90e-007	-1.97e-008	1.36e-008
231	-4.28e-006	1.76e-004	-7.42e-005	-1.18e-006	-5.92e-009	1.62e-008
232	-4.36e-006	2.32e-004	-8.66e-005	-1.37e-006	8.99e-010	2.19e-008
233	-6.16e-006	1.30e-004	-8.76e-005	-9.92e-007	-3.88e-008	-1.06e-008
234	-6.35e-006	1.30e-004	-4.10e-005	-9.87e-007	-4.94e-008	-5.49e-010
235	-8.04e-006	1.78e-004	-9.88e-005	-1.18e-006	-4.62e-008	-1.34e-008
236	-8.46e-006	1.78e-004	-4.34e-005	-1.18e-006	-4.77e-008	-6.58e-009
237	-1.03e-005	2.34e-004	-1.10e-004	-1.36e-006	-5.70e-008	-1.00e-008
238	-1.07e-005	2.33e-004	-4.57e-005	-1.36e-006	-5.28e-008	-5.68e-009
239	-1.21e-005	2.75e-004	-1.17e-004	-1.49e-006	-6.51e-008	-5.58e-009
240	-5.06e-006	1.30e-004	-1.35e-004	-9.94e-007	-4.02e-008	-3.78e-008
241	-7.05e-006	1.78e-004	-1.54e-004	-1.18e-006	-5.26e-008	-2.92e-008
242	-9.63e-006	2.34e-004	-1.74e-004	-1.36e-006	-6.60e-008	-1.99e-008
243	-5.01e-006	1.31e-004	-1.36e-004	-9.80e-007	-5.06e-008	-5.11e-008
244	-7.02e-006	1.79e-004	-1.56e-004	-1.17e-006	-5.92e-008	-3.72e-008
245	-9.61e-006	2.34e-004	-1.76e-004	-1.35e-006	-7.05e-008	-2.55e-008
246	-1.16e-005	2.75e-004	-1.89e-004	-1.48e-006	-7.79e-008	-1.73e-008
247	-4.91e-006	1.33e-004	-1.38e-004	-9.70e-007	-4.63e-008	-5.37e-008
248	-6.95e-006	1.80e-004	-1.58e-004	-1.16e-006	-5.67e-008	-4.06e-008
249	-9.56e-006	2.35e-004	-1.78e-004	-1.35e-006	-6.87e-008	-2.77e-008
250	-4.73e-006	1.35e-004	-1.40e-004	-9.63e-007	-4.63e-008	-4.47e-008
251	-6.83e-006	1.81e-004	-1.60e-004	-1.15e-006	-5.68e-008	-3.79e-008
252	-9.48e-006	2.36e-004	-1.81e-004	-1.34e-006	-6.87e-008	-2.63e-008
253	-1.15e-005	2.77e-004	-1.94e-004	-1.46e-006	-7.69e-008	-1.80e-008
254	-4.53e-006	1.36e-004	-1.41e-004	-9.65e-007	-4.20e-008	-2.97e-008
255	-6.70e-006	1.82e-004	-1.62e-004	-1.15e-006	-5.36e-008	-3.09e-008
256	-9.38e-006	2.37e-004	-1.83e-004	-1.33e-006	-6.68e-008	-2.08e-008
257	-1.15e-005	2.77e-004	-1.97e-004	-1.45e-006	-7.58e-008	-1.29e-008
258	-4.36e-006	1.37e-004	-1.42e-004	-9.77e-007	-4.10e-008	-1.69e-008
259	-6.57e-006	1.83e-004	-1.64e-004	-1.14e-006	-5.23e-008	-2.24e-008
260	-9.27e-006	2.37e-004	-1.85e-004	-1.32e-006	-6.59e-008	-1.17e-008
261	-4.27e-006	1.37e-004	-1.43e-004	-9.91e-007	-3.41e-008	-9.82e-009
262	-6.50e-006	1.84e-004	-1.65e-004	-1.14e-006	-4.58e-008	-1.30e-008
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418	-5.17e-005	1.44e-003	9.22e-005	-3.54e-006	-1.97e-007	1.15e-007
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420	-6.17e-005	1.61e-003	9.69e-005	-3.75e-006	-2.06e-007	1.26e-007
421	-7.20e-005	1.79e-003	1.10e-004	-3.97e-006	-2.52e-007	1.31e-007
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675	1.49e-006	5.21e-006	-4.03e-005	-7.89e-007	-1.71e-007	-3.16e-008
676	-3.55e-007	2.94e-005	-5.50e-005	-3.31e-007	-1.89e-008	-4.51e-008
677	-7.85e-007	2.99e-006	-2.14e-005	-3.80e-007	5.44e-007	-2.65e-009
678	-1.90e-004	3.44e-003	-7.47e-005	-4.72e-006	-2.14e-007	1.78e-007
679	-2.22e-004	3.49e-003	-3.02e-004	-4.71e-006	-3.21e-007	3.01e-007
680	-1.94e-007	5.31e-006	-1.56e-005	1.61e-008	4.52e-007	1.78e-008
681	-2.29e-004	4.23e-003	-2.31e-004	-3.25e-006	-2.67e-007	2.71e-007
682	1.20e-007	4.25e-006	1.61e-006	-5.73e-008	3.00e-008	-3.76e-010
683	-9.77e-009	3.74e-006	4.48e-006	-1.68e-007	-1.17e-007	2.11e-008
684	-4.58e-007	5.11e-006	-2.36e-005	-7.12e-007	1.59e-007	2.55e-008
685	9.14e-007	4.21e-006	-1.44e-005	-5.94e-007	-3.53e-007	-4.92e-008
686	5.26e-007	5.09e-006	-2.35e-005	-7.07e-007	-1.62e-007	-2.56e-008
687	1.31e-007	3.73e-006	4.51e-006	-1.66e-007	1.19e-007	-2.29e-008
688	2.85e-007	4.30e-006	-6.19e-006	1.46e-008	2.60e-007	1.38e-008
689	1.86e-007	4.12e-006	-6.20e-007	3.71e-010	1.29e-007	-1.86e-009
690	-6.66e-008	4.30e-006	-5.94e-006	1.25e-008	-2.55e-007	-1.30e-008
691	2.42e-009	4.14e-006	-4.99e-007	1.53e-009	-1.26e-007	2.24e-009
692	8.39e-008	4.16e-006	7.27e-006	-1.42e-007	-4.60e-008	5.96e-009
693	6.83e-008	4.16e-006	7.29e-006	-1.41e-007	4.46e-008	-5.94e-009
694	0.00	0.00	0.00	0.00	0.00	0.00
695	0.00	0.00	0.00	0.00	0.00	0.00
696	-1.56e-004	3.10e-003	-6.00e-004	-4.68e-006	1.25e-007	6.63e-008
697	-2.05e-004	3.14e-003	-5.69e-004	-4.92e-006	-6.22e-007	2.97e-007
698	-2.02e-004	4.26e-003	1.31e-004	-4.56e-006	-6.61e-008	2.71e-007
699	-2.02e-004	4.20e-003	8.37e-005	-4.56e-006	-5.03e-007	2.72e-007
700	-2.57e-004	4.20e-003	-5.84e-004	-4.68e-006	4.58e-007	2.73e-007
701	-2.57e-004	4.26e-003	-5.26e-004	-5.00e-006	-9.91e-007	2.70e-007
702	-2.57e-004	4.25e-003	-5.69e-004	-4.02e-006	-6.06e-007	2.72e-007
703	-2.57e-004	4.22e-003	-5.99e-004	-3.94e-006	8.97e-008	2.73e-007
704	-1.57e-004	3.09e-003	1.03e-004	-4.65e-006	-2.69e-007	9.51e-008
705	-1.62e-004	3.11e-003	1.19e-004	-4.63e-006	-2.71e-007	2.05e-007
706	-2.02e-004	4.25e-003	1.20e-004	-3.58e-006	-2.22e-007	2.72e-007
707	-2.02e-004	4.22e-003	1.02e-004	-3.71e-006	-2.17e-007	2.72e-007
708	-1.58e-004	3.08e-003	-1.25e-004	-4.35e-006	-2.34e-007	1.82e-008
709	-1.55e-004	3.09e-003	-3.70e-004	-4.29e-006	1.11e-007	-7.59e-010
710	-2.44e-004	4.26e-003	-3.11e-004	-3.57e-006	-1.57e-006	2.69e-007

SPOSTAMENTI NODALI "Neve" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	-2.83e-007	-3.23e-007	-2.16e-006	5.41e-008	-9.02e-008	7.60e-009
2	-7.87e-005	-1.43e-004	-1.26e-004	7.09e-009	-3.67e-007	-9.43e-009
3	-7.89e-005	-1.43e-004	-1.39e-004	2.56e-009	-3.10e-007	-5.75e-009
4	3.16e-007	-3.46e-007	-2.20e-006	5.27e-008	9.44e-008	-1.12e-008
5	-9.50e-005	-1.42e-004	-1.28e-004	-6.20e-008	-5.86e-007	1.12e-008
6	-6.88e-005	-1.41e-004	-1.15e-004	9.56e-008	-2.15e-007	2.28e-008
7	-7.91e-005	-1.43e-004	-1.15e-004	-1.25e-008	-3.30e-007	1.19e-008
8	-7.01e-005	-1.40e-004	-1.12e-004	6.45e-008	-2.31e-007	2.74e-008
9	-8.03e-005	-1.42e-004	-1.15e-004	3.34e-008	-3.22e-007	2.43e-008
10	-9.34e-005	-1.43e-004	-1.21e-004	2.89e-008	-3.73e-007	-1.21e-008
11	-3.54e-007	1.59e-007	-1.85e-006	-3.85e-008	-6.93e-008	1.61e-009
12	-7.12e-005	-1.40e-004	-1.09e-004	5.16e-008	-2.36e-007	2.11e-008
13	-8.12e-005	-1.42e-004	-1.12e-004	9.58e-008	-3.02e-007	1.68e-008
14	3.63e-007	1.59e-007	-1.82e-006	-3.33e-008	6.94e-008	2.26e-009
15	-1.01e-004	-1.37e-004	-1.03e-004	1.52e-007	-5.56e-007	-1.49e-007
16	-1.07e-004	-1.38e-004	-1.11e-004	1.63e-007	-5.52e-007	-1.22e-007
17	1.92e-007	-2.13e-006	-1.31e-005	5.33e-008	-6.76e-009	-2.20e-008
18	-1.26e-004	-1.44e-004	-1.06e-004	1.96e-007	-8.02e-007	-1.12e-007
19	-1.31e-004	-1.44e-004	-1.14e-004	1.41e-007	-7.34e-007	-9.94e-008
20	-1.58e-004	-1.51e-004	-1.13e-004	2.07e-007	-8.95e-007	-2.04e-008
21	-9.36e-005	-1.37e-004	-9.69e-005	1.18e-007	-5.41e-007	-1.42e-007
22	-1.21e-004	-1.43e-004	-9.50e-005	2.64e-007	-8.91e-007	-1.06e-007
23	-9.27e-005	-1.33e-004	-1.14e-004	1.34e-007	-6.26e-007	-9.79e-008
24	-1.20e-004	-1.40e-004	-1.22e-004	2.49e-007	-8.99e-007	-7.99e-008
25	-1.61e-004	-1.51e-004	-1.28e-004	3.26e-007	-1.41e-006	-1.04e-007

26	-9.27e-005	-1.30e-004	-1.32e-004	1.44e-007	-5.75e-007	-9.23e-008
27	-1.20e-004	-1.38e-004	-1.52e-004	2.50e-007	-8.64e-007	-8.52e-008
28	-3.85e-007	-4.96e-006	-1.72e-005	6.16e-008	-1.21e-008	-2.33e-009
29	-7.95e-005	-1.14e-004	-1.38e-004	1.59e-007	3.21e-007	-1.65e-007
30	-7.95e-005	-1.19e-004	-1.46e-004	1.76e-007	2.64e-007	-1.64e-007
31	-6.35e-005	-1.24e-004	-1.45e-004	3.76e-007	6.21e-007	-1.82e-007
32	-6.35e-005	-1.29e-004	-1.67e-004	3.66e-007	5.84e-007	-1.71e-007
33	-3.21e-005	-1.40e-004	-1.52e-004	5.07e-007	1.14e-006	-1.30e-007
34	-7.87e-005	-1.09e-004	-1.30e-004	1.28e-007	2.24e-007	-1.29e-007
35	-6.26e-005	-1.18e-004	-1.27e-004	3.62e-007	6.17e-007	-1.61e-007
36	-8.12e-005	-1.09e-004	-1.34e-004	1.91e-007	2.35e-007	-9.99e-008
37	-6.59e-005	-1.18e-004	-1.35e-004	3.84e-007	5.96e-007	-1.38e-007
38	-7.87e-007	-3.77e-006	-1.92e-005	8.43e-009	-8.37e-009	-2.48e-008
39	-3.49e-006	-4.09e-006	-1.90e-005	3.36e-009	-1.68e-008	-5.30e-008
40	-4.02e-005	-1.36e-004	-1.37e-004	6.91e-007	7.56e-007	-2.71e-007
41	-8.52e-005	-1.09e-004	-1.40e-004	1.33e-007	2.18e-007	-1.07e-007
42	-7.14e-005	-1.18e-004	-1.51e-004	3.17e-007	5.13e-007	-1.57e-007
43	-8.67e-005	-1.39e-004	-1.45e-004	-3.60e-008	-9.76e-008	-1.40e-007
44	6.66e-006	-4.09e-006	-2.81e-005	6.65e-008	1.37e-007	1.58e-008
45	4.93e-006	-4.43e-006	-2.18e-005	5.68e-008	2.43e-008	4.04e-008
46	4.04e-006	-4.33e-006	-2.14e-005	2.31e-008	-6.52e-011	5.28e-008
47	-3.29e-007	-4.70e-006	-1.69e-005	5.55e-008	-1.14e-008	2.21e-008
48	-6.32e-006	-3.54e-006	-2.25e-005	8.75e-008	-7.34e-008	-7.24e-009
49	-6.60e-006	-3.65e-006	-2.89e-005	9.23e-008	-1.38e-007	-1.58e-008
50	-8.13e-005	-1.39e-004	-1.45e-004	2.22e-008	-6.56e-008	-1.48e-007
51	-8.75e-005	-1.37e-004	-1.47e-004	-1.94e-007	5.52e-008	-1.69e-007
52	-8.11e-005	-1.37e-004	-1.55e-004	-1.27e-007	7.71e-008	-1.77e-007
53	-8.30e-005	-1.26e-004	-1.50e-004	-4.83e-007	1.77e-007	-1.58e-007
54	-7.15e-007	-4.04e-006	-1.88e-005	4.88e-008	-9.91e-009	4.69e-009
55	-4.50e-007	-4.67e-006	-1.76e-005	6.90e-008	-1.21e-008	-1.34e-008
56	-5.99e-006	-5.33e-006	-1.95e-005	7.28e-008	-2.74e-007	-3.01e-008
57	5.97e-006	-5.55e-006	-1.88e-005	6.22e-008	2.63e-007	2.52e-008
58	-1.25e-004	-1.66e-004	-3.44e-004	2.13e-006	9.98e-005	-4.94e-008
59	-1.28e-004	-1.66e-004	-3.52e-004	-1.97e-006	9.87e-005	-2.44e-008
60	-1.28e-004	-1.71e-004	-3.11e-004	-1.75e-006	-9.91e-005	-2.30e-008
61	-1.75e-005	-8.12e-005	-9.82e-005	1.33e-007	-9.02e-008	-2.30e-008
62	-1.67e-005	-8.12e-005	-9.34e-005	1.24e-007	-8.62e-008	-1.90e-008
63	-1.25e-004	-1.68e-004	-4.91e-003	7.38e-005	5.30e-005	-5.03e-008
64	-1.28e-004	-1.68e-004	-4.85e-003	-7.49e-005	5.21e-005	-3.10e-008
65	-1.26e-004	-1.71e-004	-4.88e-003	7.38e-005	-5.34e-005	3.51e-009
66	-1.28e-004	-1.71e-004	-4.84e-003	-7.48e-005	-5.25e-005	-1.70e-008
67	-4.34e-005	-1.29e-004	0.00	3.34e-007	-8.28e-009	-1.15e-007
68	-4.33e-005	-1.11e-004	0.00	4.09e-007	-8.28e-009	-1.15e-007
69	-7.05e-005	-1.29e-004	-7.86e-005	3.34e-007	-1.10e-007	-1.27e-007
70	-6.18e-005	-1.29e-004	-5.35e-005	3.34e-007	-7.46e-008	-1.13e-007
71	3.32e-006	-6.26e-007	-1.11e-005	3.59e-008	-8.76e-009	5.16e-008
72	2.32e-007	-8.45e-007	-8.68e-006	-5.89e-008	2.07e-007	-7.50e-009
73	-5.32e-005	-1.29e-004	-2.84e-005	3.34e-007	-3.96e-008	-1.16e-007
74	-7.04e-005	-1.11e-004	-9.62e-005	4.09e-007	-1.09e-007	-1.03e-007
75	-1.42e-006	-2.50e-006	-1.46e-005	2.97e-008	7.93e-009	-4.67e-008
76	-7.07e-007	-2.45e-006	-1.40e-005	3.71e-008	8.16e-009	-1.37e-008
77	-1.59e-006	-3.99e-006	-1.93e-005	2.15e-008	-1.25e-008	-4.53e-008
78	4.86e-006	-8.32e-007	-1.31e-005	2.13e-008	2.15e-008	6.21e-009
79	-5.44e-007	-8.61e-007	-7.63e-006	2.27e-008	2.10e-007	-3.17e-008
80	-3.31e-006	-2.31e-006	-1.53e-005	2.47e-008	9.87e-009	-4.93e-008
81	-6.18e-005	-1.11e-004	-6.55e-005	4.09e-007	-7.46e-008	-1.18e-007
82	3.64e-006	-1.13e-006	-1.35e-005	4.61e-009	-1.29e-008	-5.71e-008
83	5.17e-007	-7.17e-007	-7.46e-006	2.72e-008	-2.07e-007	2.99e-008
84	-2.28e-006	-1.16e-006	-1.94e-005	2.80e-008	-4.20e-008	5.00e-008
85	-6.42e-006	-3.48e-006	-2.66e-005	8.20e-008	-1.17e-007	-3.01e-009
86	-1.90e-006	-9.67e-007	-1.30e-005	-7.10e-009	1.72e-008	6.99e-008
87	-1.07e-007	-6.86e-007	-8.41e-006	-5.63e-008	-2.02e-007	5.28e-009
88	-1.57e-006	-1.18e-006	-2.00e-005	1.68e-008	-5.67e-008	1.07e-008
89	-5.32e-005	-1.11e-004	-3.48e-005	4.09e-007	-3.96e-008	-1.15e-007
90	-3.97e-006	-6.66e-007	-1.30e-005	7.13e-009	-2.16e-009	3.74e-008
91	-1.86e-007	-1.24e-007	-9.58e-006	1.01e-008	-1.92e-007	-1.53e-010
92	-4.64e-006	-1.93e-006	-1.63e-005	2.96e-008	2.54e-009	-8.86e-009
93	-5.44e-006	-3.90e-006	-1.93e-005	4.23e-008	-3.41e-008	-3.36e-008

94 -4.61e-006 -7.28e-007 -1.26e-005 1.86e-008 -2.15e-008 -4.14e-009
95 -1.35e-007 3.49e-007 -7.66e-006 7.04e-008 -1.79e-007 -5.34e-009
96 -4.02e-006 -1.47e-006 -1.80e-005 3.71e-008 -1.59e-008 4.09e-008
97 -4.54e-005 -1.29e-004 -5.85e-006 3.34e-007 -8.28e-009 -1.15e-007
98 -2.18e-005 -8.70e-005 -1.03e-004 1.23e-007 -9.47e-008 -2.84e-008
99 -2.08e-005 -8.70e-005 -9.86e-005 1.20e-007 -8.96e-008 -2.76e-008
100 -1.00e-006 -1.74e-006 -1.76e-005 2.13e-008 -6.25e-008 -4.21e-008
101 -6.39e-006 -4.38e-006 -2.55e-005 8.52e-008 -1.34e-007 -3.14e-008
102 -2.64e-005 -9.25e-005 -1.08e-004 1.17e-007 -1.05e-007 -3.46e-008
103 -2.52e-005 -9.25e-005 -1.04e-004 1.14e-007 -1.00e-007 -3.39e-008
104 -6.17e-007 -3.10e-006 -1.46e-005 1.89e-008 -6.47e-008 -4.63e-008
105 -4.54e-005 -1.11e-004 -7.15e-006 4.09e-007 -8.28e-009 -1.15e-007
106 -3.17e-005 -9.78e-005 -1.13e-004 1.17e-007 -1.20e-007 -4.05e-008
107 -3.02e-005 -9.78e-005 -1.09e-004 1.14e-007 -1.16e-007 -3.92e-008
108 2.56e-008 -4.20e-006 -1.20e-005 1.80e-008 -1.90e-008 -2.10e-008
109 -2.35e-006 -5.97e-006 -1.28e-005 4.85e-008 -7.60e-008 -1.26e-008
110 -7.81e-005 -1.29e-004 -1.01e-004 3.34e-007 -1.47e-007 -6.21e-008
111 -3.77e-005 -1.03e-004 -1.18e-004 1.21e-007 -1.39e-007 -4.77e-008
112 -3.60e-005 -1.03e-004 -1.13e-004 1.16e-007 -1.32e-007 -4.22e-008
113 1.57e-007 -4.32e-006 -1.19e-005 1.93e-008 1.54e-008 1.33e-008
114 2.22e-006 -6.05e-006 -1.26e-005 4.62e-008 6.52e-008 7.21e-009
115 -4.46e-005 -1.09e-004 -1.23e-004 1.28e-007 -1.60e-007 -5.78e-008
116 -4.25e-005 -1.09e-004 -1.18e-004 1.25e-007 -1.51e-007 -5.61e-008
117 7.95e-007 -3.47e-006 -1.43e-005 2.22e-008 6.07e-008 3.79e-008
118 -7.84e-005 -1.11e-004 -1.24e-004 4.09e-007 -1.35e-007 -1.68e-007
119 -5.25e-005 -1.15e-004 -1.28e-004 1.37e-007 -1.79e-007 -6.90e-008
120 -5.00e-005 -1.15e-004 -1.23e-004 1.35e-007 -1.72e-007 -6.68e-008
121 1.18e-006 -2.35e-006 -1.74e-005 2.60e-008 6.50e-008 3.42e-008
122 6.44e-006 -4.73e-006 -2.46e-005 6.83e-008 1.32e-007 2.61e-008
123 -6.14e-005 -1.21e-004 -1.33e-004 1.35e-007 -2.01e-007 -7.65e-008
124 -5.86e-005 -1.22e-004 -1.27e-004 1.48e-007 -1.95e-007 -7.38e-008
125 1.74e-006 -1.95e-006 -1.99e-005 1.66e-008 6.11e-008 -1.37e-008
126 -7.12e-005 -1.29e-004 -1.37e-004 1.48e-007 -2.22e-007 -8.66e-008
127 -6.80e-005 -1.28e-004 -1.32e-004 1.76e-007 -2.06e-007 -8.13e-008
128 -8.11e-005 -1.36e-004 -1.42e-004 1.10e-007 -1.94e-007 -1.10e-007
129 3.54e-006 -1.98e-006 -1.91e-005 2.94e-008 1.95e-008 -4.66e-008
130 6.14e-006 -4.19e-006 -2.49e-005 6.05e-008 8.14e-008 1.28e-008
131 -3.45e-005 -1.36e-004 -1.22e-004 5.88e-007 8.22e-007 -2.15e-007
132 -5.02e-005 -1.35e-004 -1.61e-004 5.04e-007 6.17e-007 -2.83e-007
133 4.53e-006 -2.25e-006 -1.74e-005 3.22e-008 -1.52e-008 1.14e-008
134 -9.45e-005 -1.42e-004 -1.12e-004 -1.34e-007 -4.85e-007 -1.00e-008
135 -9.32e-005 -1.45e-004 -1.11e-004 1.63e-007 -3.38e-007 -5.80e-010
136 -4.54e-005 -1.20e-004 -6.50e-006 3.71e-007 -8.09e-009 -1.15e-007
137 -1.60e-004 -1.49e-004 -1.13e-004 7.49e-008 -8.19e-007 -5.34e-008
138 -1.58e-004 -1.54e-004 -9.09e-005 4.02e-007 -1.09e-006 -2.26e-008
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145 -5.32e-005 -1.20e-004 -3.16e-005 3.71e-007 -3.96e-008 -1.15e-007
146 -1.61e-004 -1.48e-004 -1.74e-004 3.04e-007 -1.45e-006 -1.07e-007
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162	-5.48e-007	-4.22e-006	-1.81e-005	7.18e-008	-1.16e-008	-1.12e-008
163	-8.96e-005	-1.45e-004	-1.39e-004	1.38e-008	-1.20e-007	-9.04e-008
164	-9.11e-005	-1.43e-004	-1.48e-004	-1.35e-007	2.93e-009	-9.58e-008
165	7.36e-008	-1.34e-006	-1.34e-005	6.45e-008	-1.21e-008	-2.85e-008
166	-7.82e-005	-1.22e-004	-1.13e-004	3.71e-007	-1.41e-007	-1.15e-007
167	-6.88e-005	-1.41e-004	-1.23e-004	8.35e-008	-2.62e-007	6.39e-009
168	-6.86e-005	-1.41e-004	-1.31e-004	6.97e-008	-2.10e-007	2.77e-009
169	-1.44e-006	-4.34e-006	-2.44e-005	1.05e-008	-1.94e-008	-4.61e-008
170	-4.67e-006	-4.06e-006	-2.33e-005	-1.08e-007	-2.52e-008	-6.38e-008
171	1.28e-005	-7.83e-006	-3.53e-005	9.86e-008	1.09e-007	4.26e-008
172	7.95e-006	-7.89e-006	-2.64e-005	8.94e-008	7.34e-008	5.80e-008
173	2.68e-006	-7.98e-006	-2.82e-005	9.11e-008	-4.22e-008	4.99e-008
174	-1.07e-006	-8.13e-006	-2.05e-005	8.28e-008	-1.81e-008	2.05e-008
175	-1.04e-005	-9.11e-006	-2.71e-005	2.41e-007	-9.02e-008	-5.48e-008
176	-1.30e-005	-9.14e-006	-3.72e-005	1.46e-007	-1.17e-007	-3.44e-008
177	-1.37e-006	-6.47e-006	-2.35e-005	5.49e-008	-1.58e-008	-2.70e-008
178	-1.16e-006	-8.34e-006	-2.18e-005	8.22e-008	-1.86e-008	-9.28e-009
179	-1.32e-005	-1.07e-005	-3.14e-005	1.31e-007	-1.11e-007	-2.21e-008
180	1.30e-005	-9.83e-006	-2.99e-005	1.03e-007	1.05e-007	2.97e-008
181	-2.52e-006	-4.28e-006	-2.49e-005	2.87e-008	-2.29e-008	-5.28e-008
182	-7.66e-006	-6.09e-006	-1.99e-005	3.19e-008	-5.07e-008	-7.00e-008
183	-1.22e-005	-9.18e-006	-3.42e-005	1.32e-007	-1.08e-007	-4.50e-008
184	-1.32e-005	-9.97e-006	-3.43e-005	1.34e-007	-8.58e-008	-2.37e-008
185	1.30e-005	-8.91e-006	-3.26e-005	9.93e-008	8.14e-008	3.18e-008
186	1.05e-005	-7.89e-006	-3.06e-005	9.18e-008	8.89e-008	5.52e-008
187	4.83e-007	-7.98e-006	-2.43e-005	8.28e-008	-2.83e-008	4.41e-008
188	-1.11e-006	-8.46e-006	-2.11e-005	8.21e-008	-1.97e-008	2.95e-009
189	-1.23e-006	-7.88e-006	-2.24e-005	7.97e-008	-1.80e-008	-1.67e-008
190	-1.30e-006	-7.25e-006	-2.30e-005	7.11e-008	-1.63e-008	-2.11e-008
191	0.00	0.00	0.00	0.00	0.00	0.00
192	0.00	0.00	0.00	0.00	0.00	0.00
193	-1.42e-006	-5.56e-006	-2.39e-005	3.63e-008	-1.46e-008	-3.60e-008
194	-5.61e-006	-2.37e-005	-4.16e-005	1.73e-007	-3.76e-008	-3.03e-008
195	-7.49e-006	-2.37e-005	-5.14e-005	1.73e-007	-2.79e-008	-3.27e-008
196	6.50e-006	-2.76e-005	-5.55e-005	1.51e-007	-2.11e-007	2.40e-008
197	3.80e-006	-2.76e-005	-4.09e-005	1.50e-007	-1.30e-007	2.98e-008
198	-5.16e-006	-2.77e-005	-4.65e-005	1.54e-007	-5.12e-008	8.94e-009
199	-5.70e-006	-2.77e-005	-3.28e-005	1.50e-007	-4.15e-008	-6.58e-010
200	-7.82e-006	-2.75e-005	-5.36e-005	1.31e-007	1.26e-007	-2.38e-008
201	-9.22e-006	-2.76e-005	-6.16e-005	1.29e-007	1.67e-007	-2.30e-008
202	-5.64e-006	-2.54e-005	-3.96e-005	1.63e-007	-3.79e-008	-2.60e-008
203	-5.69e-006	-2.74e-005	-3.56e-005	1.51e-007	-4.15e-008	-1.20e-008
204	-8.95e-006	-2.89e-005	-7.56e-005	1.27e-007	3.51e-007	-1.64e-008
205	6.34e-006	-2.89e-005	-7.21e-005	1.37e-007	-3.98e-007	1.64e-008
206	-1.67e-005	-1.57e-005	-4.30e-005	1.20e-007	-3.58e-008	-2.22e-008
207	-1.67e-005	-1.48e-005	-4.39e-005	1.23e-007	-4.75e-008	-3.58e-008
208	-1.71e-005	-2.05e-005	-5.20e-005	1.01e-007	4.88e-008	-2.57e-008
209	-1.71e-005	-1.96e-005	-5.04e-005	1.03e-007	3.45e-008	-3.84e-008
210	-1.40e-005	-2.50e-005	-6.13e-005	1.06e-007	1.36e-007	-2.39e-008
211	-1.36e-005	-2.41e-005	-5.70e-005	1.09e-007	1.29e-007	-3.59e-008
212	-9.19e-006	-2.83e-005	-6.70e-005	1.24e-007	2.02e-007	-2.37e-008
213	-1.67e-005	-1.63e-005	-4.18e-005	1.21e-007	-5.86e-008	-2.05e-008
214	-1.71e-005	-2.12e-005	-5.31e-005	1.02e-007	2.20e-008	-2.22e-008
215	-1.41e-005	-2.56e-005	-6.53e-005	1.04e-007	9.57e-008	-2.02e-008
216	1.62e-005	-1.36e-005	-4.06e-005	1.13e-007	2.82e-008	3.90e-008
217	1.62e-005	-1.47e-005	-3.96e-005	1.15e-007	5.15e-008	3.50e-008
218	1.62e-005	-1.88e-005	-4.88e-005	1.23e-007	-6.21e-008	3.80e-008
219	1.63e-005	-1.99e-005	-5.02e-005	1.20e-007	-3.31e-008	3.36e-008
220	1.23e-005	-2.44e-005	-5.71e-005	1.29e-007	-1.63e-007	2.90e-008
221	1.24e-005	-2.52e-005	-6.20e-005	1.23e-007	-1.20e-007	2.47e-008
222	6.48e-006	-2.83e-005	-6.22e-005	1.39e-007	-2.45e-007	2.30e-008
223	1.62e-005	-1.23e-005	-4.12e-005	1.16e-007	4.02e-008	5.13e-008
224	1.62e-005	-1.75e-005	-4.69e-005	1.33e-007	-4.35e-008	5.36e-008
225	1.19e-005	-2.33e-005	-5.21e-005	1.41e-007	-1.54e-007	4.45e-008
226	1.34e-005	-1.23e-005	-3.56e-005	1.12e-007	3.72e-008	6.39e-008
227	1.34e-005	-1.75e-005	-4.05e-005	1.30e-007	-4.35e-008	6.46e-008
228	9.50e-006	-2.34e-005	-4.52e-005	1.45e-007	-1.29e-007	5.10e-008
229	5.23e-006	-2.76e-005	-4.82e-005	1.56e-007	-1.59e-007	2.81e-008

230	1.05e-005	-1.23e-005	-3.04e-005	1.08e-007	3.43e-008	6.25e-008
231	1.05e-005	-1.75e-005	-3.44e-005	1.25e-007	-3.67e-008	5.99e-008
232	7.28e-006	-2.33e-005	-3.84e-005	1.39e-007	-1.06e-007	4.62e-008
233	-9.23e-007	-1.23e-005	-2.86e-005	1.03e-007	-3.44e-008	3.03e-008
234	6.46e-007	-1.23e-005	-3.35e-005	1.11e-007	-4.87e-008	3.49e-008
235	-2.53e-006	-1.75e-005	-3.28e-005	1.22e-007	-3.79e-008	1.91e-008
236	-1.51e-006	-1.75e-005	-3.86e-005	1.29e-007	-4.92e-008	2.29e-008
237	-4.29e-006	-2.35e-005	-3.69e-005	1.37e-007	-4.16e-008	1.07e-008
238	-3.69e-006	-2.35e-005	-4.34e-005	1.45e-007	-5.00e-008	1.36e-008
239	-5.54e-006	-2.77e-005	-3.96e-005	1.46e-007	-4.46e-008	6.64e-009
240	-2.00e-006	-1.23e-005	-2.38e-005	1.07e-007	-2.49e-008	1.37e-008
241	-3.17e-006	-1.75e-005	-2.71e-005	1.25e-007	-3.06e-008	6.58e-009
242	-4.59e-006	-2.35e-005	-3.06e-005	1.41e-007	-3.66e-008	1.69e-009
243	-2.02e-006	-1.25e-005	-2.47e-005	1.04e-007	-2.66e-008	1.41e-010
244	-3.17e-006	-1.76e-005	-2.82e-005	1.24e-007	-3.32e-008	-4.02e-009
245	-4.60e-006	-2.34e-005	-3.18e-005	1.41e-007	-3.99e-008	-6.15e-009
246	-5.69e-006	-2.76e-005	-3.42e-005	1.51e-007	-4.43e-008	-6.02e-009
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248	-3.19e-006	-1.73e-005	-2.92e-005	1.23e-007	-3.04e-008	-1.38e-008
249	-4.60e-006	-2.31e-005	-3.31e-005	1.41e-007	-3.70e-008	-1.33e-008
250	-2.10e-006	-1.18e-005	-2.63e-005	9.94e-008	-2.35e-008	-2.27e-008
251	-3.21e-006	-1.67e-005	-3.03e-005	1.23e-007	-2.96e-008	-2.38e-008
252	-4.60e-006	-2.26e-005	-3.43e-005	1.43e-007	-3.63e-008	-2.08e-008
253	-5.68e-006	-2.69e-005	-3.70e-005	1.54e-007	-4.09e-008	-1.78e-008
254	-2.15e-006	-1.09e-005	-2.71e-005	9.58e-008	-2.16e-008	-3.28e-008
255	-3.23e-006	-1.57e-005	-3.13e-005	1.25e-007	-2.72e-008	-3.31e-008
256	-4.59e-006	-2.18e-005	-3.55e-005	1.47e-007	-3.40e-008	-2.71e-008
257	-5.66e-006	-2.62e-005	-3.84e-005	1.58e-007	-3.88e-008	-2.26e-008
258	-2.21e-006	-9.64e-006	-2.78e-005	9.11e-008	-2.04e-008	-4.38e-008
259	-3.26e-006	-1.45e-005	-3.21e-005	1.30e-007	-2.55e-008	-4.13e-008
260	-4.58e-006	-2.08e-005	-3.66e-005	1.53e-007	-3.27e-008	-3.16e-008
261	-2.27e-006	-8.21e-006	-2.83e-005	8.83e-008	-1.68e-008	-5.41e-008
262	-3.27e-006	-1.32e-005	-3.27e-005	1.37e-007	-2.04e-008	-4.62e-008
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264	-5.62e-006	-2.46e-005	-4.06e-005	1.68e-007	-3.47e-008	-2.81e-008
265	-2.29e-006	-6.57e-006	-2.86e-005	8.37e-008	-1.71e-008	-5.57e-008
266	-3.28e-006	-1.18e-005	-3.31e-005	1.44e-007	-1.97e-008	-4.71e-008
267	-4.55e-006	-1.87e-005	-3.81e-005	1.67e-007	-3.00e-008	-3.61e-008
268	-3.47e-006	-6.29e-006	-3.02e-005	8.83e-008	-1.88e-008	-5.29e-008
269	-4.31e-006	-1.19e-005	-3.59e-005	1.28e-007	-1.98e-008	-4.65e-008
270	-5.37e-006	-1.88e-005	-4.15e-005	1.56e-007	-2.87e-008	-3.75e-008
271	-6.29e-006	-2.37e-005	-4.52e-005	1.64e-007	-3.50e-008	-3.22e-008
272	-5.43e-006	-6.42e-006	-3.34e-005	1.09e-007	-1.40e-008	-5.40e-008
273	-6.02e-006	-1.18e-005	-4.09e-005	1.53e-007	-1.39e-008	-4.63e-008
274	-6.78e-006	-1.90e-005	-4.74e-005	1.71e-007	-2.14e-008	-3.86e-008
275	-1.57e-005	-1.50e-005	-4.09e-005	1.24e-007	-4.92e-008	-4.86e-008
276	-1.38e-005	-1.50e-005	-3.64e-005	9.81e-008	-5.21e-008	-5.42e-008
277	-1.62e-005	-1.95e-005	-4.77e-005	1.20e-007	3.24e-008	-4.71e-008
278	-1.44e-005	-1.96e-005	-4.36e-005	9.29e-008	2.86e-008	-4.93e-008
279	-1.27e-005	-2.41e-005	-5.43e-005	1.24e-007	1.22e-007	-4.16e-008
280	-1.13e-005	-2.38e-005	-5.00e-005	9.40e-008	1.08e-007	-3.87e-008
281	-8.70e-006	-2.75e-005	-5.87e-005	1.40e-007	1.49e-007	-2.11e-008
282	-1.31e-005	-4.98e-005	-5.86e-005	1.81e-007	-6.35e-008	-9.10e-009
283	-1.36e-005	-4.99e-005	-6.91e-005	1.76e-007	-5.97e-008	-7.08e-009
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286	-1.36e-005	-5.15e-005	-6.03e-005	1.75e-007	-6.82e-008	-3.80e-009
287	-1.32e-005	-5.14e-005	-4.45e-005	1.72e-007	-6.54e-008	-5.07e-009
288	-3.48e-006	-5.18e-005	-7.11e-005	1.72e-007	-4.67e-008	-8.50e-009
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293	-9.06e-006	-5.28e-005	-7.57e-005	1.83e-007	-5.95e-008	-5.04e-010
294	-2.47e-006	-3.68e-005	-7.40e-005	1.67e-007	5.31e-008	-1.94e-008
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369	-6.72e-006	-6.02e-005	-8.71e-005	1.73e-007	-6.24e-008	-1.17e-008
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378	-2.72e-005	-9.36e-005	-1.07e-004	1.20e-007	-1.10e-007	-3.65e-008
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380	-3.26e-005	-9.91e-005	-1.12e-004	1.20e-007	-1.24e-007	-4.41e-008
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383	-3.87e-005	-1.03e-004	-1.20e-004	1.18e-007	-1.43e-007	-5.02e-008
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388	-6.30e-005	-1.24e-004	-1.30e-004	1.57e-007	-1.93e-007	-9.00e-008
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401	-4.59e-005	-1.13e-004	-1.15e-004	1.41e-007	-1.66e-007	-6.36e-008
402	-5.41e-005	-1.20e-004	-1.19e-004	1.53e-007	-1.86e-007	-7.57e-008
403	-6.32e-005	-1.27e-004	-1.23e-004	1.68e-007	-2.07e-007	-9.01e-008
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419	-3.69e-005	-1.10e-004	-1.01e-004	1.28e-007	-9.50e-008	3.76e-009
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422	-4.13e-005	-1.16e-004	-1.08e-004	1.26e-007	-9.56e-008	4.50e-009
423	-4.59e-005	-1.21e-004	-1.08e-004	1.22e-007	-1.06e-007	5.33e-009
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426	-5.10e-005	-1.27e-004	-1.16e-004	1.23e-007	-1.11e-007	9.39e-009
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428	-5.71e-005	-1.33e-004	-1.20e-004	1.20e-007	-1.03e-007	1.36e-008
429	-6.22e-005	-1.38e-004	-1.20e-004	1.07e-007	-1.67e-007	1.53e-008
430	-1.25e-005	-6.10e-005	-7.45e-005	1.78e-007	-5.99e-008	5.66e-009
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443	-1.56e-005	-6.89e-005	-6.98e-005	1.70e-007	-5.81e-008	6.88e-009
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457	-1.87e-005	-7.65e-005	-6.60e-005	1.59e-007	-6.13e-008	7.21e-009
458	-2.17e-005	-8.37e-005	-7.01e-005	1.51e-007	-6.83e-008	7.06e-009
459	-2.51e-005	-9.06e-005	-7.41e-005	1.44e-007	-7.68e-008	6.20e-009
460	-2.88e-005	-9.72e-005	-7.81e-005	1.37e-007	-8.40e-008	4.77e-009
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462	-3.71e-005	-1.10e-004	-8.58e-005	1.27e-007	-9.28e-008	2.40e-009
463	-4.15e-005	-1.15e-004	-8.96e-005	1.24e-007	-9.68e-008	1.88e-009
464	-4.61e-005	-1.21e-004	-9.33e-005	1.21e-007	-1.03e-007	1.37e-009
465	-5.11e-005	-1.27e-004	-9.70e-005	1.19e-007	-1.11e-007	1.59e-009
466	-5.67e-005	-1.32e-004	-1.01e-004	1.16e-007	-1.30e-007	5.85e-009
467	-1.66e-005	-5.95e-005	-5.63e-005	1.69e-007	-7.32e-008	-6.14e-009
468	-1.69e-005	-5.95e-005	-6.43e-005	1.75e-007	-7.55e-008	-6.08e-009
469	-2.02e-005	-6.75e-005	-6.02e-005	1.67e-007	-8.08e-008	-8.06e-009
470	-2.06e-005	-6.76e-005	-6.82e-005	1.72e-007	-8.30e-008	-8.24e-009
471	-2.41e-005	-7.54e-005	-6.41e-005	1.63e-007	-8.83e-008	-1.02e-008
472	-2.46e-005	-7.54e-005	-7.18e-005	1.67e-007	-9.07e-008	-1.05e-008
473	-2.84e-005	-8.29e-005	-6.80e-005	1.58e-007	-9.58e-008	-1.27e-008
474	-2.90e-005	-8.30e-005	-7.54e-005	1.60e-007	-9.86e-008	-1.31e-008
475	-3.31e-005	-9.02e-005	-7.18e-005	1.51e-007	-1.03e-007	-1.57e-008
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652	1.02e-007	7.63e-008	-4.74e-006	1.42e-007	-5.11e-008	-3.04e-009
653	3.92e-007	-1.93e-006	-1.12e-005	-3.44e-009	3.59e-008	3.49e-008
654	-3.12e-008	-2.90e-006	-9.69e-006	1.08e-008	1.98e-008	2.87e-008
655	-1.29e-006	-8.08e-007	-8.94e-006	7.66e-008	1.79e-007	-3.79e-008
656	1.03e-006	-1.78e-006	-1.25e-005	-2.99e-008	-1.83e-008	-3.78e-008
657	-7.92e-008	-1.01e-007	-3.84e-006	-1.14e-007	-4.30e-008	-1.03e-010
658	3.87e-007	3.45e-008	-6.98e-006	-5.30e-008	-1.40e-007	-1.06e-008
659	-8.27e-007	3.29e-007	-9.24e-006	4.50e-008	-5.15e-009	4.35e-008
660	-1.32e-006	-3.38e-007	-9.29e-006	5.21e-008	1.83e-008	-6.97e-009
661	-4.88e-007	-2.12e-008	-4.45e-006	-1.23e-007	6.01e-008	4.55e-009
662	-3.52e-007	1.44e-006	-9.18e-006	3.71e-008	1.48e-009	3.18e-008
663	3.99e-008	-6.72e-008	-3.67e-006	-1.07e-007	4.24e-008	3.61e-009
664	5.12e-007	-4.23e-008	-4.30e-006	-1.18e-007	-6.15e-008	-5.02e-009
665	7.24e-007	3.48e-007	-8.77e-006	4.20e-008	4.89e-009	-3.83e-008
666	2.67e-007	1.38e-006	-8.81e-006	3.52e-008	-6.25e-009	-3.14e-008
667	-4.96e-007	2.25e-007	-6.74e-006	-4.69e-008	1.37e-007	1.57e-008
668	1.26e-006	-4.13e-008	-8.89e-006	5.07e-008	-2.15e-008	2.16e-008
669	-4.39e-008	4.55e-008	-6.23e-006	1.49e-007	2.43e-008	-3.54e-009
670	2.14e-007	-3.49e-006	-9.20e-006	2.24e-008	-1.12e-008	-1.15e-008
671	1.41e-007	5.00e-008	-6.21e-006	1.49e-007	-2.57e-008	4.31e-009
672	-5.73e-008	-3.52e-006	-9.16e-006	2.42e-008	1.12e-008	9.60e-009
673	-2.17e-007	8.05e-008	-6.11e-006	-1.35e-007	2.68e-008	5.37e-009
674	-6.21e-008	2.12e-006	-9.50e-006	2.75e-008	-3.10e-009	1.03e-008
675	2.92e-007	7.18e-008	-6.04e-006	-1.33e-007	-3.07e-008	-6.34e-009
676	-1.38e-009	2.09e-006	-9.36e-006	2.70e-008	-2.67e-009	-1.20e-008
677	-1.66e-007	3.34e-007	-6.05e-006	1.41e-009	1.66e-007	1.53e-008
678	-1.13e-004	-1.48e-004	-1.77e-004	9.38e-008	-2.03e-007	-1.21e-008
679	-1.92e-004	-1.62e-004	-1.68e-004	1.13e-007	-1.28e-007	-2.04e-008
680	2.53e-007	4.93e-007	-7.81e-006	7.54e-008	1.80e-007	8.08e-009
681	-1.27e-004	-1.70e-004	-8.39e-003	-6.38e-007	-1.93e-007	-2.34e-008
682	1.04e-007	9.89e-009	1.05e-006	-4.23e-009	2.33e-008	-7.25e-010
683	2.65e-008	3.51e-008	-1.98e-006	1.02e-007	3.86e-008	3.42e-009
684	-7.54e-008	8.12e-008	-3.21e-006	-1.24e-007	2.25e-008	3.68e-009
685	2.27e-007	-2.84e-008	-1.95e-006	-8.56e-008	-4.40e-008	-3.70e-009
686	1.38e-007	7.26e-008	-3.18e-006	-1.23e-007	-2.41e-008	-3.66e-009
687	3.36e-008	4.01e-008	-1.95e-006	1.01e-007	-3.80e-008	-3.59e-009
688	3.12e-007	-9.67e-008	-4.30e-006	2.13e-009	1.66e-007	-1.82e-009
689	2.13e-007	-3.06e-008	-6.05e-007	-2.79e-009	8.87e-008	-1.10e-009
690	-1.65e-007	-8.98e-008	-4.12e-006	1.93e-009	-1.63e-007	1.79e-009
691	-8.63e-008	-2.72e-008	-5.17e-007	-2.51e-009	-8.62e-008	1.14e-009
692	1.02e-008	2.98e-008	-3.06e-006	1.34e-007	2.08e-008	-1.06e-009
693	7.06e-008	3.45e-008	-3.05e-006	1.33e-007	-2.18e-008	1.10e-009
694	0.00	0.00	0.00	0.00	0.00	0.00
695	0.00	0.00	0.00	0.00	0.00	0.00
696	-3.20e-005	-1.44e-004	-1.83e-004	4.67e-007	1.20e-006	-1.30e-007
697	-1.61e-004	-1.49e-004	-1.66e-004	3.08e-007	-1.47e-006	-1.07e-007
698	-1.29e-004	-1.71e-004	-5.97e-005	-1.50e-005	-1.74e-005	-1.36e-008
699	-1.29e-004	-1.66e-004	-8.77e-005	-1.53e-005	1.70e-005	-3.50e-008
700	-1.22e-004	-1.66e-004	-7.48e-005	1.52e-005	1.95e-005	-5.78e-008
701	-1.27e-004	-1.71e-004	-4.29e-005	1.50e-005	-1.98e-005	1.07e-008
702	-1.27e-004	-1.71e-004	-4.12e-004	1.08e-004	-3.46e-007	-5.30e-009
703	-1.22e-004	-1.69e-004	-4.29e-004	1.08e-004	6.12e-008	-4.24e-008
704	-8.65e-005	-1.35e-004	-1.56e-004	-2.22e-007	2.89e-007	-1.37e-007
705	-9.45e-005	-1.42e-004	-1.44e-004	-4.90e-008	-5.75e-007	4.33e-009

706	-1.29e-004	-1.71e-004	-3.05e-004	-1.09e-004	1.49e-006	-1.18e-008
707	-1.29e-004	-1.68e-004	-3.17e-004	-1.09e-004	-1.74e-006	-3.69e-008
708	-7.86e-005	-1.27e-004	-1.63e-004	-4.50e-007	1.69e-007	-1.88e-007
709	-4.69e-005	-1.35e-004	-1.56e-004	6.43e-007	6.54e-007	-2.76e-007
710	-1.27e-004	-1.71e-004	-3.02e-004	1.95e-006	-1.00e-004	3.73e-009

SPOSTAMENTI NODALI "Pensilina" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	-6.41e-008	-1.10e-007	-5.49e-007	1.51e-008	-2.27e-008	2.34e-009
2	-1.11e-005	-4.89e-006	-1.32e-005	-7.80e-008	-1.88e-008	6.28e-009
3	-1.11e-005	-5.09e-006	-1.38e-005	-7.93e-008	-1.72e-008	5.49e-009
4	7.39e-008	-1.16e-007	-5.62e-007	1.51e-008	2.40e-008	-3.16e-009
5	-1.18e-005	-2.01e-006	-1.31e-005	-7.83e-008	-1.91e-008	4.85e-009
6	-1.05e-005	-7.56e-006	-1.26e-005	-7.64e-008	-1.82e-008	7.19e-009
7	-1.11e-005	-4.70e-006	-1.26e-005	-7.70e-008	-1.81e-008	6.90e-009
8	-1.08e-005	-7.55e-006	-1.61e-005	-7.46e-008	-1.74e-008	7.35e-009
9	-1.15e-005	-4.68e-006	-1.61e-005	-7.59e-008	-1.76e-008	7.19e-009
10	-1.21e-005	-1.81e-006	-1.61e-005	-7.55e-008	-1.79e-008	6.89e-009
11	-8.13e-008	-9.45e-009	-3.58e-007	-3.51e-009	-1.62e-008	-1.86e-010
12	-1.12e-005	-7.52e-006	-1.96e-005	-7.79e-008	-1.72e-008	7.48e-009
13	-1.18e-005	-4.68e-006	-1.97e-005	-7.86e-008	-1.74e-008	7.31e-009
14	8.12e-008	-1.16e-008	-3.45e-007	-1.98e-009	1.59e-008	1.08e-009
15	-1.62e-005	-6.91e-006	-1.78e-005	-9.26e-008	-1.03e-007	-7.28e-009
16	-1.64e-005	-6.97e-006	-1.34e-005	-9.21e-008	-1.02e-007	-9.82e-010
17	3.42e-008	-1.12e-006	-2.33e-006	2.02e-008	-1.32e-009	-2.62e-009
18	-2.11e-005	-3.50e-006	-1.78e-005	-9.31e-008	-1.57e-007	2.10e-009
19	-2.09e-005	-3.53e-006	-1.35e-005	-9.11e-008	-1.42e-007	4.38e-009
20	-2.74e-005	-1.29e-007	-1.78e-005	-9.38e-008	-1.77e-007	2.22e-008
21	-1.58e-005	-6.88e-006	-2.24e-005	-9.78e-008	-1.01e-007	-4.76e-009
22	-2.11e-005	-3.47e-006	-2.22e-005	-9.21e-008	-1.82e-007	1.90e-009
23	-1.57e-005	-6.93e-006	-2.59e-005	-9.18e-008	-1.23e-007	5.99e-009
24	-2.09e-005	-3.64e-006	-2.80e-005	-8.50e-008	-1.90e-007	7.94e-009
25	-2.93e-005	-5.42e-007	-2.99e-005	-8.28e-008	-3.10e-007	9.72e-009
26	-1.56e-005	-7.14e-006	-2.92e-005	-9.16e-008	-1.01e-007	7.44e-009
27	-2.10e-005	-3.89e-006	-3.42e-005	-8.49e-008	-1.79e-007	8.09e-009
28	-1.06e-007	-2.27e-006	-3.05e-006	2.61e-008	-3.18e-009	2.01e-009
29	-1.42e-005	-6.91e-006	-2.94e-005	-1.04e-007	7.91e-008	-6.05e-009
30	-1.42e-005	-7.10e-006	-3.14e-005	-1.01e-007	5.65e-008	-6.65e-009
31	-1.05e-005	-3.26e-006	-3.15e-005	-9.31e-008	1.49e-007	-9.37e-009
32	-1.05e-005	-3.53e-006	-3.65e-005	-9.24e-008	1.37e-007	-8.86e-009
33	-3.65e-006	9.19e-008	-3.35e-005	-8.85e-008	2.70e-007	-1.05e-008
34	-1.40e-005	-6.82e-006	-2.73e-005	-1.09e-007	5.52e-008	1.59e-009
35	-1.04e-005	-3.01e-006	-2.70e-005	-9.91e-008	1.39e-007	-4.74e-009
36	-1.39e-005	-6.81e-006	-2.48e-005	-1.10e-007	5.54e-008	6.68e-009
37	-1.04e-005	-3.00e-006	-2.48e-005	-1.03e-007	1.33e-007	-2.53e-009
38	-2.58e-007	-1.74e-006	-3.59e-006	1.13e-008	-2.96e-009	-9.63e-009
39	-1.10e-006	-1.81e-006	-4.12e-006	9.22e-009	-7.45e-009	-1.58e-008
40	-4.86e-006	5.30e-007	-2.48e-005	-9.61e-008	1.61e-007	-3.36e-008
41	-1.37e-005	-6.82e-006	-2.08e-005	-1.04e-007	5.20e-008	4.30e-009
42	-1.06e-005	-2.97e-006	-2.11e-005	-1.00e-007	1.13e-007	-6.80e-009
43	-1.01e-005	-7.22e-006	-1.81e-005	-9.33e-008	-1.07e-008	-1.58e-008
44	2.26e-006	-1.79e-006	-7.57e-006	2.63e-008	4.74e-008	5.46e-009
45	1.59e-006	-1.92e-006	-5.12e-006	1.78e-008	1.30e-008	1.38e-008
46	1.30e-006	-1.96e-006	-4.97e-006	1.44e-008	4.87e-009	1.69e-008
47	-8.73e-008	-2.12e-006	-2.96e-006	2.43e-008	-2.97e-009	8.47e-009
48	-2.02e-006	-1.63e-006	-5.54e-006	2.84e-008	-2.76e-008	-3.44e-009
49	-2.16e-006	-1.62e-006	-7.66e-006	3.06e-008	-4.63e-008	-4.91e-009
50	-9.53e-006	-7.22e-006	-2.16e-005	-9.68e-008	-6.49e-009	-1.64e-008
51	-1.05e-005	-3.62e-006	-1.81e-005	-9.61e-008	-1.01e-008	-2.01e-008
52	-9.73e-006	-3.60e-006	-2.16e-005	-1.00e-007	-4.25e-009	-2.14e-008
53	-1.09e-005	-9.14e-008	-1.81e-005	-9.37e-008	-7.77e-009	-2.62e-008
54	-2.30e-007	-2.02e-006	-3.45e-006	2.21e-008	-2.77e-009	-1.98e-009
55	-1.29e-007	-2.26e-006	-3.15e-006	2.78e-008	-3.10e-009	-1.71e-009
56	-1.89e-006	-2.12e-006	-4.75e-006	2.72e-008	-8.04e-008	-8.95e-009
57	1.96e-006	-2.25e-006	-4.65e-006	2.62e-008	7.91e-008	7.25e-009
58	-1.88e-005	1.92e-005	-2.27e-005	-6.38e-008	7.79e-007	-5.09e-009
59	-1.79e-005	1.91e-005	-2.02e-005	-5.44e-008	1.23e-007	1.19e-008

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60 -1.80e-005  2.16e-005 -1.59e-005 -4.22e-008 -1.64e-007  1.14e-008
61 -2.33e-006 -2.90e-005 -1.76e-005  1.77e-008 -2.73e-008  3.93e-009
62 -2.48e-006 -2.89e-005 -1.70e-005  1.47e-008 -2.65e-008  4.52e-009
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64 -1.79e-005  1.92e-005 -2.61e-005 -2.32e-007  8.55e-008  7.32e-009
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66 -1.80e-005  2.04e-005 -2.40e-005 -2.26e-007 -1.24e-007  1.58e-008
67 -1.49e-005 -1.04e-005      0.00  7.48e-008 -1.23e-009  2.72e-009
68 -1.49e-005 -1.08e-005      0.00  8.58e-008 -1.23e-009  2.53e-009
69 -1.43e-005 -1.04e-005 -1.76e-005  7.48e-008 -1.63e-008 -3.20e-009
70 -1.45e-005 -1.04e-005 -1.20e-005  7.48e-008 -1.11e-008  3.85e-009
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76 -1.99e-007 -1.05e-006 -2.60e-006  1.49e-008  8.53e-010 -5.49e-009
77 -5.27e-007 -1.79e-006 -3.85e-006  1.47e-008 -4.58e-009 -1.42e-008
78  1.17e-006 -4.07e-007 -3.09e-006  9.26e-009  6.36e-009  2.43e-009
79 -1.52e-007 -2.67e-007 -1.94e-006  8.30e-009  5.34e-008 -8.48e-009
80 -9.02e-007 -1.02e-006 -3.32e-006  1.22e-008 -4.40e-010 -1.26e-008
81 -1.45e-005 -1.08e-005 -1.38e-005  8.58e-008 -1.11e-008  1.39e-009
82  9.08e-007 -4.78e-007 -3.38e-006  5.20e-009 -2.58e-009 -1.38e-008
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86 -4.66e-007 -4.28e-007 -3.34e-006  1.50e-009  3.74e-009  1.77e-008
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91 -5.06e-008 -8.94e-008 -2.27e-006  3.76e-009 -4.50e-008  1.41e-010
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93 -1.70e-006 -1.77e-006 -4.51e-006  1.75e-008 -1.47e-008 -1.09e-008
94 -1.12e-006 -3.66e-007 -2.96e-006  8.38e-009 -6.49e-009 -1.64e-009
95 -4.28e-008  3.14e-008 -1.76e-006  1.80e-008 -3.97e-008 -1.22e-009
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102 -4.56e-006 -2.92e-005 -1.77e-005 -1.16e-008 -2.13e-008  2.67e-009
103 -4.65e-006 -2.92e-005 -1.82e-005 -1.20e-008 -2.06e-008  2.56e-009
104 -2.06e-007 -1.18e-006 -3.62e-006  1.11e-008 -1.83e-008 -1.20e-008
105 -1.49e-005 -1.08e-005 -1.50e-006  8.58e-008 -1.23e-009  2.53e-009
106 -5.50e-006 -2.83e-005 -1.78e-005 -2.55e-008 -1.95e-008  1.60e-009
107 -5.56e-006 -2.83e-005 -1.87e-005 -2.60e-008 -1.86e-008  1.59e-009
108  2.26e-010 -1.48e-006 -2.89e-006  1.14e-008 -5.13e-009 -5.66e-009
109 -6.41e-007 -2.32e-006 -3.05e-006  2.08e-008 -1.72e-008 -4.07e-009
110 -1.40e-005 -1.04e-005 -2.27e-005  7.48e-008 -2.21e-008  2.90e-008
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639 -3.38e-008 -4.13e-008 -6.74e-007 1.23e-008 -2.95e-008 -8.25e-010
640 -3.36e-009 -4.43e-008 6.68e-008 -8.93e-009 -1.56e-009 -8.28e-012
641 2.21e-008 -4.58e-008 6.27e-008 -8.76e-009 1.86e-009 1.12e-010
642 5.61e-008 -3.61e-008 -7.00e-007 1.30e-008 2.98e-008 1.40e-009
643 -2.73e-010 -4.32e-008 2.54e-007 -6.24e-010 -5.29e-009 2.05e-010
644 -3.65e-008 -5.48e-008 -3.10e-007 -1.45e-008 6.36e-009 3.96e-010
645 1.73e-007 -4.76e-008 -1.22e-006 3.74e-008 -1.76e-008 4.18e-009
646 -1.84e-007 -4.94e-007 -3.21e-006 -5.19e-009 3.61e-009 5.88e-009
647 -4.62e-008 -5.87e-007 -2.87e-006 9.86e-010 -8.99e-009 -9.45e-009
648 3.33e-007 -2.15e-007 -2.27e-006 2.15e-008 -4.46e-008 9.68e-009
649 4.10e-009 -1.46e-008 -1.22e-006 3.66e-008 1.24e-008 8.18e-010
650 5.81e-008 -8.46e-007 -2.46e-006 5.38e-009 -5.90e-009 -7.50e-009
651 -1.74e-007 -5.85e-008 -1.24e-006 3.78e-008 1.90e-008 -4.91e-009
652 1.01e-008 -1.35e-008 -1.22e-006 3.67e-008 -1.22e-008 -7.92e-010
653 9.90e-008 -6.55e-007 -2.90e-006 3.01e-009 1.09e-008 8.09e-009
654 -7.24e-009 -8.84e-007 -2.46e-006 6.83e-009 6.50e-009 6.72e-009
655 -3.55e-007 -2.54e-007 -2.33e-006 2.19e-008 4.60e-008 -1.04e-008
656 2.59e-007 -6.34e-007 -3.30e-006 -4.25e-009 -3.73e-009 -9.97e-009
657 -2.28e-011 -5.95e-008 -6.53e-007 -1.78e-008 -1.05e-008 -7.18e-010
658 9.66e-008 -5.15e-009 -1.33e-006 -5.33e-009 -2.97e-008 -3.28e-009
659 -1.92e-007 -2.13e-007 -1.68e-006 1.50e-008 -2.05e-009 7.92e-009
660 -2.91e-007 -3.09e-007 -1.74e-006 1.59e-008 2.92e-009 -2.99e-009
661 -8.53e-008 -5.79e-008 -7.14e-007 -2.04e-008 1.00e-008 5.69e-010
662 -9.25e-008 -7.39e-009 -1.63e-006 1.39e-008 -4.80e-010 6.06e-009
663 -1.15e-008 -5.26e-008 -5.97e-007 -1.57e-008 9.95e-009 1.56e-009
664 8.79e-008 -6.38e-008 -6.69e-007 -1.89e-008 -1.05e-008 -6.95e-010
665 1.47e-007 -2.32e-007 -1.54e-006 1.49e-008 1.48e-009 -6.83e-009
666 5.29e-008 -3.86e-008 -1.52e-006 1.39e-008 -1.06e-009 -6.22e-009
667 -1.23e-007 3.89e-008 -1.25e-006 -3.39e-009 2.85e-008 4.51e-009
668 2.56e-007 -2.68e-007 -1.60e-006 1.64e-008 -3.88e-009 6.14e-009
669 -4.40e-009 -2.32e-008 -1.57e-006 3.77e-008 5.96e-009 -8.52e-010
670 6.31e-008 -1.02e-006 -2.28e-006 9.80e-009 -3.16e-009 -2.87e-009
671 2.93e-008 -2.25e-008 -1.57e-006 3.77e-008 -6.12e-009 1.01e-009

672	-9.93e-009	-1.03e-006	-2.27e-006	1.03e-008	3.58e-009	2.18e-009
673	-3.81e-008	-4.38e-008	-9.94e-007	-2.32e-008	4.49e-009	9.73e-010
674	-2.82e-008	1.18e-007	-1.66e-006	1.24e-008	-1.10e-009	1.85e-009
675	5.26e-008	-4.62e-008	-9.75e-007	-2.27e-008	-5.56e-009	-1.21e-009
676	-6.50e-009	1.05e-007	-1.62e-006	1.24e-008	-6.86e-010	-2.63e-009
677	-3.22e-008	5.33e-008	-1.24e-006	6.09e-009	3.46e-008	4.04e-009
678	-1.36e-005	4.09e-006	-1.60e-005	-9.20e-008	-2.27e-008	6.89e-009
679	-3.40e-005	6.36e-006	-1.79e-005	-9.18e-008	-2.06e-008	2.22e-008
680	6.89e-008	6.23e-008	-1.79e-006	1.94e-008	3.98e-008	1.90e-009
681	-1.86e-005	1.96e-005	-4.83e-005	-4.12e-007	-2.03e-008	1.16e-008
682	2.52e-008	-4.39e-008	2.48e-007	-6.80e-010	5.70e-009	-2.02e-010
683	1.65e-008	-2.55e-008	-5.01e-007	2.62e-008	9.65e-009	9.98e-010
684	-1.44e-008	-4.15e-008	-4.92e-007	-2.18e-008	3.51e-009	5.89e-010
685	4.42e-008	-5.92e-008	-2.96e-007	-1.33e-008	-6.31e-009	-2.98e-010
686	2.65e-008	-4.39e-008	-4.84e-007	-2.13e-008	-3.91e-009	-5.73e-010
687	-7.17e-010	-2.52e-008	-4.97e-007	2.60e-008	-9.50e-009	-1.00e-009
688	7.84e-008	-7.54e-008	-1.03e-006	4.77e-010	3.92e-008	-6.74e-010
689	5.37e-008	-5.43e-008	-1.53e-007	-8.72e-010	2.12e-008	-2.93e-010
690	-4.45e-008	-7.21e-008	-9.84e-007	4.13e-010	-3.83e-008	6.54e-010
691	-2.46e-008	-5.27e-008	-1.31e-007	-7.60e-010	-2.06e-008	3.05e-010
692	6.22e-009	-2.77e-008	-7.73e-007	3.36e-008	5.21e-009	-1.71e-010
693	1.44e-008	-2.70e-008	-7.70e-007	3.35e-008	-5.41e-009	1.93e-010
694	0.00	0.00	0.00	0.00	0.00	0.00
695	0.00	0.00	0.00	0.00	0.00	0.00
696	-4.08e-006	-1.37e-007	-4.06e-005	-8.84e-008	2.13e-007	-8.79e-009
697	-2.89e-005	-7.51e-007	-3.81e-005	-8.27e-008	-2.54e-007	8.21e-009
698	-1.73e-005	2.16e-005	-1.26e-005	-9.40e-008	-3.29e-008	1.79e-008
699	-1.75e-005	1.91e-005	-1.60e-005	-1.12e-007	-4.03e-010	5.05e-009
700	-1.83e-005	1.93e-005	-2.85e-005	-1.89e-007	1.23e-006	-1.00e-008
701	-2.12e-005	2.18e-005	-2.37e-005	-1.85e-007	-1.27e-006	3.32e-008
702	-2.13e-005	2.03e-005	-8.83e-005	-6.88e-007	-9.37e-007	2.27e-008
703	-1.83e-005	1.90e-005	-9.08e-005	-6.91e-007	8.94e-007	2.10e-010
704	-1.15e-005	-1.16e-006	-1.53e-005	-9.25e-008	-1.46e-008	-1.77e-008
705	-1.18e-005	-2.11e-006	-1.36e-005	-7.96e-008	-1.68e-008	3.29e-009
706	-1.73e-005	2.05e-005	-1.36e-005	-2.18e-007	-1.39e-008	1.92e-008
707	-1.74e-005	1.92e-005	-1.54e-005	-2.26e-007	-1.75e-008	3.68e-009
708	-1.01e-005	-9.22e-008	-2.04e-005	-8.75e-008	-1.52e-009	-3.00e-008
709	-5.65e-006	4.26e-007	-2.24e-005	-8.31e-008	1.39e-007	-3.31e-008
710	-1.97e-005	2.17e-005	-1.82e-005	-6.25e-008	-8.19e-007	2.86e-008

SPOSTAMENTI NODALI "Doghe rivestimento" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	-3.59e-006	-3.10e-006	-1.72e-005	4.48e-007	-7.38e-007	5.34e-008
2	-1.04e-003	-2.07e-003	-7.56e-004	2.43e-006	-1.14e-006	-1.75e-007
3	-1.04e-003	-2.07e-003	-7.96e-004	2.40e-006	-1.15e-006	-1.86e-007
4	1.90e-007	-3.32e-006	-1.30e-005	4.47e-007	4.00e-007	-4.31e-008
5	-1.08e-003	-2.16e-003	-7.57e-004	2.42e-006	-1.14e-006	-1.97e-007
6	-9.97e-004	-1.99e-003	-7.19e-004	2.45e-006	-1.14e-006	-1.50e-007
7	-1.04e-003	-2.08e-003	-7.22e-004	2.44e-006	-1.13e-006	-1.62e-007
8	-9.90e-004	-1.99e-003	-6.04e-004	2.44e-006	-1.13e-006	-1.41e-007
9	-1.03e-003	-2.08e-003	-6.07e-004	2.44e-006	-1.13e-006	-1.46e-007
10	-1.07e-003	-2.17e-003	-6.08e-004	2.44e-006	-1.13e-006	-1.51e-007
11	-3.88e-006	-1.59e-007	-1.21e-005	-1.25e-007	-5.98e-007	-1.35e-008
12	-9.83e-004	-1.99e-003	-4.90e-004	2.44e-006	-1.12e-006	-1.38e-007
13	-1.02e-003	-2.08e-003	-4.92e-004	2.44e-006	-1.12e-006	-1.43e-007
14	4.40e-007	-2.69e-008	-7.68e-006	-1.10e-007	2.51e-007	4.71e-009
15	-8.95e-004	-1.99e-003	-4.83e-004	2.45e-006	-9.47e-007	-1.17e-007
16	-9.00e-004	-1.99e-003	-5.98e-004	2.45e-006	-9.64e-007	-1.11e-007
17	-1.44e-005	-2.23e-005	-5.40e-005	4.24e-007	-2.14e-007	-1.17e-007
18	-9.30e-004	-2.08e-003	-4.85e-004	2.44e-006	-9.42e-007	-1.28e-007
19	-9.35e-004	-2.08e-003	-6.00e-004	2.45e-006	-9.53e-007	-1.22e-007
20	-9.64e-004	-2.17e-003	-4.86e-004	2.44e-006	-9.47e-007	-1.34e-007
21	-8.89e-004	-1.99e-003	-3.68e-004	2.44e-006	-9.28e-007	-1.32e-007
22	-9.23e-004	-2.08e-003	-3.70e-004	2.44e-006	-9.33e-007	-1.39e-007
23	-8.89e-004	-1.99e-003	-3.96e-004	2.44e-006	-9.33e-007	-1.43e-007
24	-9.23e-004	-2.08e-003	-3.98e-004	2.44e-006	-9.31e-007	-1.44e-007
25	-9.58e-004	-2.17e-003	-3.99e-004	2.44e-006	-9.36e-007	-1.46e-007

26	-8.89e-004	-1.98e-003	-4.24e-004	2.44e-006	-9.50e-007	-1.48e-007
27	-9.23e-004	-2.07e-003	-4.26e-004	2.44e-006	-9.36e-007	-1.46e-007
28	-2.83e-005	-4.59e-005	-7.06e-005	5.33e-007	-2.96e-007	-1.42e-008
29	-9.10e-004	-1.95e-003	-5.66e-004	2.17e-006	-1.23e-006	-2.43e-007
30	-9.10e-004	-1.95e-003	-5.29e-004	2.18e-006	-1.22e-006	-2.42e-007
31	-9.56e-004	-2.03e-003	-5.69e-004	2.13e-006	-1.24e-006	-2.56e-007
32	-9.56e-004	-2.03e-003	-5.32e-004	2.14e-006	-1.24e-006	-2.55e-007
33	-1.00e-003	-2.11e-003	-5.70e-004	2.12e-006	-1.24e-006	-2.71e-007
34	-9.10e-004	-1.94e-003	-6.03e-004	2.16e-006	-1.24e-006	-2.44e-007
35	-9.56e-004	-2.02e-003	-6.06e-004	2.12e-006	-1.25e-006	-2.61e-007
36	-9.16e-004	-1.94e-003	-6.51e-004	2.15e-006	-1.25e-006	-2.45e-007
37	-9.62e-004	-2.02e-003	-6.53e-004	2.14e-006	-1.25e-006	-2.68e-007
38	-3.01e-005	-4.17e-005	-1.28e-004	2.08e-007	-2.94e-007	-1.56e-007
39	-4.73e-005	-4.41e-005	-1.37e-004	1.76e-007	-2.95e-007	-3.32e-007
40	-1.01e-003	-2.10e-003	-6.54e-004	2.10e-006	-1.25e-006	-2.84e-007
41	-9.25e-004	-1.94e-003	-7.31e-004	2.16e-006	-1.27e-006	-2.50e-007
42	-9.72e-004	-2.02e-003	-7.32e-004	2.15e-006	-1.28e-006	-2.78e-007
43	-9.88e-004	-1.94e-003	-8.98e-004	2.17e-006	-1.13e-006	-3.92e-007
44	6.50e-006	-4.35e-005	-1.63e-004	5.73e-007	4.06e-007	1.20e-007
45	-3.69e-006	-4.44e-005	-1.10e-004	4.78e-007	-1.79e-007	1.90e-007
46	-7.77e-006	-4.32e-005	-1.06e-004	2.63e-007	-2.83e-007	2.45e-007
47	-2.80e-005	-4.49e-005	-6.22e-005	5.06e-007	-3.01e-007	1.00e-007
48	-6.30e-005	-4.08e-005	-1.73e-004	7.52e-007	-5.90e-007	-7.94e-009
49	-6.29e-005	-4.20e-005	-2.25e-004	7.79e-007	-9.96e-007	-7.86e-008
50	-9.74e-004	-1.94e-003	-8.18e-004	2.16e-006	-1.12e-006	-3.95e-007
51	-1.03e-003	-2.02e-003	-9.00e-004	2.15e-006	-1.12e-006	-4.10e-007
52	-1.01e-003	-2.02e-003	-8.21e-004	2.16e-006	-1.10e-006	-4.15e-007
53	-1.07e-003	-2.10e-003	-9.01e-004	2.12e-006	-1.11e-006	-4.21e-007
54	-2.98e-005	-4.28e-005	-1.10e-004	4.38e-007	-3.01e-007	4.68e-008
55	-2.86e-005	-4.45e-005	-7.94e-005	5.70e-007	-3.03e-007	-6.29e-008
56	-6.07e-005	-5.16e-005	-1.54e-004	6.10e-007	-1.96e-006	-1.82e-007
57	4.76e-006	-5.29e-005	-1.28e-004	5.11e-007	1.29e-006	1.56e-007
58	-1.26e-003	-2.61e-003	-7.02e-004	1.71e-006	-1.44e-006	-6.44e-007
59	-1.33e-003	-2.61e-003	-8.52e-004	1.71e-006	-8.07e-007	-6.43e-007
60	-1.33e-003	-2.75e-003	-6.14e-004	1.79e-006	-1.52e-006	-6.44e-007
61	-4.39e-004	-8.91e-004	-7.30e-004	2.27e-006	-1.17e-006	-1.60e-007
62	-4.33e-004	-8.91e-004	-6.47e-004	2.18e-006	-1.15e-006	-1.63e-007
63	-1.26e-003	-2.64e-003	-6.27e-004	1.78e-006	-1.28e-006	-6.44e-007
64	-1.33e-003	-2.64e-003	-8.07e-004	1.70e-006	-9.00e-007	-6.44e-007
65	-1.26e-003	-2.71e-003	-5.12e-004	1.81e-006	-7.50e-007	-6.43e-007
66	-1.33e-003	-2.71e-003	-6.91e-004	1.83e-006	-1.28e-006	-6.44e-007
67	-8.00e-004	-1.90e-003	0.00	1.22e-006	-5.91e-008	-1.87e-007
68	-8.00e-004	-1.87e-003	0.00	1.75e-006	-5.91e-008	-1.88e-007
69	-8.44e-004	-1.90e-003	-2.88e-004	1.22e-006	-7.83e-007	-2.32e-007
70	-8.30e-004	-1.90e-003	-1.96e-004	1.22e-006	-5.33e-007	-1.78e-007
71	9.34e-006	-8.55e-006	-4.85e-005	2.88e-007	-1.78e-007	2.75e-007
72	-9.82e-007	-5.90e-006	-4.22e-005	-2.53e-007	1.05e-006	-3.08e-008
73	-8.16e-004	-1.90e-003	-1.04e-004	1.22e-006	-2.83e-007	-1.90e-007
74	-8.44e-004	-1.87e-003	-4.13e-004	1.75e-006	-7.83e-007	-1.43e-007
75	-2.47e-005	-2.67e-005	-1.01e-004	3.37e-007	-1.16e-007	-3.32e-007
76	-1.95e-005	-2.64e-005	-9.33e-005	3.71e-007	-1.30e-007	-1.15e-007
77	-3.52e-005	-4.33e-005	-1.33e-004	3.15e-007	-2.98e-007	-2.91e-007
78	1.80e-005	-9.63e-006	-6.39e-005	2.10e-007	-3.80e-008	4.96e-008
79	-4.84e-006	-5.44e-006	-4.02e-005	2.65e-007	1.07e-006	-1.57e-007
80	-3.79e-005	-2.54e-005	-1.11e-004	2.89e-007	-8.51e-008	-3.39e-007
81	-8.30e-004	-1.87e-003	-2.81e-004	1.75e-006	-5.33e-007	-1.97e-007
82	1.19e-005	-1.18e-005	-7.11e-005	1.43e-007	-2.41e-007	-3.11e-007
83	1.93e-006	-6.12e-006	-5.97e-005	2.73e-007	-1.66e-006	2.15e-007
84	-2.96e-005	-1.79e-005	-1.52e-004	3.03e-007	-3.98e-007	3.57e-007
85	-6.24e-005	-4.07e-005	-2.06e-004	6.87e-007	-8.58e-007	7.34e-009
86	-2.14e-005	-1.15e-005	-1.04e-004	3.53e-008	5.90e-009	4.97e-007
87	-2.78e-006	-6.51e-006	-6.54e-005	-4.08e-007	-1.57e-006	5.66e-008
88	-2.45e-005	-1.81e-005	-1.59e-004	2.35e-007	-5.03e-007	8.10e-008
89	-8.16e-004	-1.87e-003	-1.49e-004	1.75e-006	-2.83e-007	-1.86e-007
90	-3.60e-005	-9.08e-006	-1.01e-004	1.23e-007	-1.35e-007	2.53e-007
91	-3.71e-006	-2.42e-006	-7.36e-005	8.80e-008	-1.45e-006	4.23e-009
92	-4.68e-005	-2.28e-005	-1.22e-004	3.14e-007	-1.15e-007	-5.54e-008
93	-5.89e-005	-4.30e-005	-1.46e-004	4.37e-007	-3.69e-007	-1.87e-007

94	-4.00e-005	-9.31e-006	-9.54e-005	2.09e-007	-2.79e-007	-4.27e-008
95	-3.18e-006	1.49e-006	-5.86e-005	5.51e-007	-1.33e-006	-5.05e-008
96	-4.21e-005	-1.99e-005	-1.39e-004	3.64e-007	-2.22e-007	2.93e-007
97	-8.03e-004	-1.90e-003	-2.14e-005	1.22e-006	-5.91e-008	-1.87e-007
98	-4.95e-004	-9.97e-004	-7.59e-004	2.33e-006	-1.21e-006	-1.83e-007
99	-4.88e-004	-9.97e-004	-6.73e-004	2.32e-006	-1.19e-006	-1.84e-007
100	-2.08e-005	-2.19e-005	-1.39e-004	2.54e-007	-5.49e-007	-2.89e-007
101	-6.21e-005	-4.60e-005	-1.99e-004	7.18e-007	-9.93e-007	-1.82e-007
102	-5.52e-004	-1.11e-003	-7.85e-004	2.35e-006	-1.24e-006	-2.09e-007
103	-5.44e-004	-1.11e-003	-6.98e-004	2.34e-006	-1.22e-006	-2.10e-007
104	-1.87e-005	-3.12e-005	-1.15e-004	2.25e-007	-5.91e-007	-3.18e-007
105	-8.03e-004	-1.87e-003	-3.07e-005	1.75e-006	-5.91e-008	-1.88e-007
106	-6.10e-004	-1.22e-003	-8.09e-004	2.37e-006	-1.25e-006	-2.35e-007
107	-6.01e-004	-1.22e-003	-7.21e-004	2.36e-006	-1.22e-006	-2.38e-007
108	-1.53e-005	-3.87e-005	-9.28e-005	2.14e-007	-2.94e-007	-1.46e-007
109	-4.06e-005	-5.56e-005	-9.96e-005	4.28e-007	-7.37e-007	-8.17e-008
110	-8.56e-004	-1.90e-003	-3.70e-004	1.22e-006	-1.00e-006	1.35e-008
111	-6.68e-004	-1.33e-003	-8.29e-004	2.36e-006	-1.24e-006	-2.60e-007
112	-6.58e-004	-1.33e-003	-7.43e-004	2.26e-006	-1.22e-006	-2.69e-007
113	-1.58e-005	-3.96e-005	-8.68e-005	2.26e-007	-8.81e-008	8.45e-008
114	-1.26e-005	-5.61e-005	-9.29e-005	4.06e-007	3.16e-007	4.54e-008
115	-7.25e-004	-1.43e-003	-8.47e-004	2.34e-006	-1.23e-006	-2.82e-007
116	-7.14e-004	-1.43e-003	-7.61e-004	2.33e-006	-1.21e-006	-2.85e-007
117	-1.25e-005	-3.40e-005	-9.58e-005	2.51e-007	1.87e-007	2.51e-007
118	-8.57e-004	-1.87e-003	-5.32e-004	1.75e-006	-1.01e-006	-3.89e-007
119	-7.81e-004	-1.54e-003	-8.63e-004	2.31e-006	-1.21e-006	-3.04e-007
120	-7.70e-004	-1.54e-003	-7.78e-004	2.30e-006	-1.19e-006	-3.07e-007
121	-1.05e-005	-2.64e-005	-1.08e-004	2.83e-007	1.46e-007	2.41e-007
122	5.94e-006	-4.79e-005	-1.54e-004	5.67e-007	3.86e-007	1.65e-007
123	-8.37e-004	-1.65e-003	-8.76e-004	2.29e-006	-1.19e-006	-3.29e-007
124	-8.25e-004	-1.65e-003	-7.92e-004	2.27e-006	-1.17e-006	-3.33e-007
125	-7.14e-006	-2.29e-005	-1.15e-004	2.48e-007	1.34e-007	-3.89e-008
126	-8.92e-004	-1.75e-003	-8.86e-004	2.25e-006	-1.17e-006	-3.53e-007
127	-8.79e-004	-1.75e-003	-8.04e-004	2.16e-006	-1.15e-006	-3.64e-007
128	-9.46e-004	-1.86e-003	-8.94e-004	2.21e-006	-1.15e-006	-3.74e-007
129	1.87e-006	-2.29e-005	-1.03e-004	3.18e-007	-1.09e-007	-2.48e-007
130	2.43e-006	-4.38e-005	-1.35e-004	5.45e-007	9.59e-008	8.18e-008
131	-1.00e-003	-2.10e-003	-6.07e-004	2.10e-006	-1.25e-006	-2.77e-007
132	-1.02e-003	-2.10e-003	-7.30e-004	1.85e-006	-1.27e-006	-3.20e-007
133	7.18e-006	-2.39e-005	-8.60e-005	3.04e-007	-2.95e-007	5.84e-008
134	-1.08e-003	-2.17e-003	-7.22e-004	2.44e-006	-1.14e-006	-1.73e-007
135	-1.07e-003	-2.17e-003	-4.93e-004	2.44e-006	-1.12e-006	-1.46e-007
136	-8.03e-004	-1.88e-003	-2.61e-005	1.49e-006	-5.78e-008	-1.88e-007
137	-9.71e-004	-2.17e-003	-6.01e-004	2.45e-006	-9.50e-007	-1.27e-007
138	-9.58e-004	-2.17e-003	-3.71e-004	2.44e-006	-9.35e-007	-1.43e-007
139	-1.06e-003	-2.10e-003	-8.25e-004	1.88e-006	-1.11e-006	-4.33e-007
140	-3.65e-006	-2.39e-005	-6.74e-005	3.92e-007	-3.07e-007	2.86e-007
141	-1.94e-005	-4.44e-005	-8.83e-005	5.52e-007	-3.42e-007	2.45e-007
142	-1.08e-003	-2.10e-003	-9.48e-004	2.13e-006	-1.12e-006	-4.22e-007
143	-1.00e-003	-2.11e-003	-5.33e-004	2.13e-006	-1.22e-006	-2.68e-007
144	-1.38e-005	-2.31e-005	-4.78e-005	3.82e-007	-2.44e-007	8.50e-008
145	-8.16e-004	-1.88e-003	-1.27e-004	1.49e-006	-2.83e-007	-1.88e-007
146	-9.58e-004	-2.16e-003	-4.27e-004	2.43e-006	-9.52e-007	-1.48e-007
147	-1.08e-003	-2.12e-003	-8.76e-004	2.17e-006	-1.07e-006	-4.20e-007
148	-1.86e-005	-2.52e-005	-8.83e-005	4.23e-007	-2.01e-007	1.63e-007
149	-2.99e-005	-4.37e-005	-1.19e-004	3.24e-007	-3.02e-007	9.61e-009
150	-1.08e-003	-2.16e-003	-7.96e-004	2.39e-006	-1.07e-006	-2.37e-007
151	-9.97e-004	-1.95e-003	-9.11e-004	2.19e-006	-1.15e-006	-3.80e-007
152	-1.79e-005	-1.97e-005	-8.18e-005	4.88e-007	-1.82e-007	1.95e-007
153	-8.30e-004	-1.88e-003	-2.38e-004	1.49e-006	-5.33e-007	-1.88e-007
154	-9.97e-004	-1.94e-003	-9.46e-004	2.17e-006	-1.15e-006	-3.86e-007
155	-1.04e-003	-2.03e-003	-9.14e-004	2.16e-006	-1.13e-006	-3.98e-007
156	-1.67e-005	-1.51e-005	-7.45e-005	5.25e-007	-2.01e-007	8.58e-008
157	-2.94e-005	-4.18e-005	-9.95e-005	5.38e-007	-3.05e-007	1.14e-008
158	-8.44e-004	-1.88e-003	-3.50e-004	1.49e-006	-7.83e-007	-1.88e-007
159	-1.04e-003	-2.02e-003	-9.48e-004	2.14e-006	-1.13e-006	-4.04e-007
160	-1.08e-003	-2.11e-003	-9.14e-004	2.15e-006	-1.12e-006	-4.23e-007
161	-1.58e-005	-1.47e-005	-6.74e-005	5.24e-007	-2.21e-007	-5.37e-008

162	-2.90e-005	-4.25e-005	-8.95e-005	5.81e-007	-3.01e-007	-4.38e-008
163	-9.97e-004	-1.96e-003	-8.71e-004	2.20e-006	-1.14e-006	-3.79e-007
164	-1.04e-003	-2.04e-003	-8.74e-004	2.18e-006	-1.13e-006	-3.96e-007
165	-1.49e-005	-1.82e-005	-6.03e-005	4.86e-007	-2.41e-007	-1.45e-007
166	-8.56e-004	-1.89e-003	-4.51e-004	1.49e-006	-1.01e-006	-1.88e-007
167	-9.97e-004	-1.98e-003	-7.54e-004	2.43e-006	-1.14e-006	-1.56e-007
168	-9.97e-004	-1.98e-003	-7.94e-004	2.41e-006	-1.15e-006	-1.61e-007
169	-4.69e-005	-5.33e-005	-1.62e-004	2.55e-007	-4.25e-007	-2.70e-007
170	-6.53e-005	-5.16e-005	-1.67e-004	-5.71e-007	-4.09e-007	-3.53e-007
171	1.69e-005	-7.59e-005	-2.04e-004	7.98e-007	1.47e-009	2.33e-007
172	-8.20e-006	-7.58e-005	-1.30e-004	7.79e-007	-1.15e-007	2.76e-007
173	-2.88e-005	-7.44e-005	-1.45e-004	7.82e-007	-5.18e-007	2.22e-007
174	-4.53e-005	-7.54e-005	-7.50e-005	7.41e-007	-3.90e-007	8.72e-008
175	-9.46e-005	-8.75e-005	-2.08e-004	1.88e-006	-6.77e-007	-2.68e-007
176	-1.07e-004	-8.79e-005	-2.87e-004	1.16e-006	-8.08e-007	-1.60e-007
177	-4.66e-005	-6.58e-005	-1.37e-004	5.30e-007	-3.90e-007	-1.54e-007
178	-4.57e-005	-7.59e-005	-9.80e-005	7.22e-007	-3.89e-007	-5.07e-008
179	-1.08e-004	-9.43e-005	-2.42e-004	1.03e-006	-6.92e-007	-8.61e-008
180	1.76e-005	-8.63e-005	-2.08e-004	7.97e-007	-8.57e-008	1.51e-007
181	-5.32e-005	-5.29e-005	-1.71e-004	4.02e-007	-4.25e-007	-3.04e-007
182	-8.10e-005	-6.58e-005	-1.51e-004	3.66e-007	-4.91e-007	-3.58e-007
183	-1.03e-004	-8.82e-005	-2.63e-004	1.04e-006	-7.59e-007	-2.24e-007
184	-1.09e-004	-9.15e-005	-2.63e-004	1.08e-006	-6.51e-007	-9.33e-008
185	1.87e-005	-8.16e-005	-2.05e-004	7.97e-007	-1.27e-007	1.63e-007
186	4.47e-006	-7.59e-005	-1.66e-004	7.79e-007	-5.88e-008	2.85e-007
187	-3.85e-005	-7.44e-005	-1.10e-004	7.52e-007	-4.48e-007	1.94e-007
188	-4.55e-005	-7.67e-005	-8.65e-005	7.28e-007	-3.87e-007	8.06e-009
189	-4.60e-005	-7.35e-005	-1.11e-004	6.98e-007	-3.88e-007	-8.86e-008
190	-4.63e-005	-7.01e-005	-1.24e-004	6.37e-007	-3.88e-007	-1.15e-007
191	0.00	0.00	0.00	0.00	0.00	0.00
192	0.00	0.00	0.00	0.00	0.00	0.00
193	-4.68e-005	-6.05e-005	-1.48e-004	4.09e-007	-4.05e-007	-2.11e-007
194	-1.30e-004	-2.28e-004	-2.64e-004	1.58e-006	-6.65e-007	-1.87e-007
195	-1.42e-004	-2.28e-004	-3.56e-004	1.55e-006	-5.99e-007	-2.00e-007
196	-9.81e-005	-2.52e-004	-3.34e-004	1.42e-006	-1.30e-006	8.97e-008
197	-1.07e-004	-2.52e-004	-1.99e-004	1.42e-006	-1.01e-006	9.98e-008
198	-1.29e-004	-2.55e-004	-2.54e-004	1.46e-006	-7.06e-007	2.95e-008
199	-1.31e-004	-2.55e-004	-1.19e-004	1.45e-006	-6.63e-007	-2.30e-008
200	-1.43e-004	-2.54e-004	-3.98e-004	1.27e-006	-3.85e-008	-1.05e-007
201	-1.49e-004	-2.55e-004	-4.72e-004	1.23e-006	8.35e-008	-9.95e-008
202	-1.30e-004	-2.38e-004	-2.24e-004	1.52e-006	-6.53e-007	-1.66e-007
203	-1.31e-004	-2.51e-004	-1.59e-004	1.45e-006	-6.56e-007	-8.73e-008
204	-1.50e-004	-2.60e-004	-4.85e-004	1.29e-006	8.53e-007	-4.76e-008
205	-9.78e-005	-2.57e-004	-4.19e-004	1.40e-006	-2.02e-006	7.42e-008
206	-1.34e-004	-1.38e-004	-3.23e-004	1.01e-006	-4.71e-007	-5.96e-008
207	-1.34e-004	-1.35e-004	-3.36e-004	1.03e-006	-4.48e-007	-1.35e-007
208	-1.48e-004	-1.81e-004	-3.81e-004	9.40e-007	-1.83e-007	-7.73e-008
209	-1.48e-004	-1.78e-004	-3.86e-004	9.27e-007	-1.72e-007	-1.35e-007
210	-1.53e-004	-2.24e-004	-4.38e-004	1.06e-006	-2.08e-008	-7.53e-008
211	-1.51e-004	-2.21e-004	-4.37e-004	1.05e-006	3.70e-008	-1.26e-007
212	-1.49e-004	-2.57e-004	-4.71e-004	1.25e-006	3.04e-008	-9.34e-008
213	-1.34e-004	-1.40e-004	-3.10e-004	1.01e-006	-4.45e-007	-5.46e-008
214	-1.48e-004	-1.83e-004	-3.75e-004	9.44e-007	-1.77e-007	-6.14e-008
215	-1.53e-004	-2.26e-004	-4.38e-004	1.06e-006	-5.67e-008	-5.64e-008
216	6.81e-006	-1.20e-004	-2.53e-004	9.40e-007	-4.14e-007	1.77e-007
217	6.88e-006	-1.25e-004	-2.66e-004	9.39e-007	-4.38e-007	1.59e-007
218	-2.01e-005	-1.65e-004	-3.00e-004	1.10e-006	-8.03e-007	1.57e-007
219	-1.99e-005	-1.69e-004	-3.23e-004	1.07e-006	-7.98e-007	1.42e-007
220	-6.12e-005	-2.16e-004	-3.44e-004	1.26e-006	-1.10e-006	1.11e-007
221	-6.08e-005	-2.19e-004	-3.78e-004	1.23e-006	-1.05e-006	9.97e-008
222	-9.82e-005	-2.55e-004	-3.70e-004	1.39e-006	-1.26e-006	9.59e-008
223	6.93e-006	-1.14e-004	-2.40e-004	9.55e-007	-4.42e-007	2.32e-007
224	-2.00e-005	-1.59e-004	-2.75e-004	1.13e-006	-7.96e-007	2.06e-007
225	-6.26e-005	-2.12e-004	-3.10e-004	1.29e-006	-1.14e-006	1.52e-007
226	-5.48e-006	-1.14e-004	-1.94e-004	9.55e-007	-4.02e-007	2.86e-007
227	-3.09e-005	-1.59e-004	-2.22e-004	1.13e-006	-7.52e-007	2.46e-007
228	-7.07e-005	-2.13e-004	-2.49e-004	1.31e-006	-1.04e-006	1.74e-007
229	-1.02e-004	-2.52e-004	-2.66e-004	1.44e-006	-1.12e-006	9.14e-008

230	-1.86e-005	-1.14e-004	-1.49e-004	9.39e-007	-3.76e-007	2.75e-007
231	-4.22e-005	-1.59e-004	-1.68e-004	1.12e-006	-6.94e-007	2.35e-007
232	-7.85e-005	-2.13e-004	-1.87e-004	1.29e-006	-9.41e-007	1.64e-007
233	-6.00e-005	-1.13e-004	-1.31e-004	9.47e-007	-5.24e-007	1.27e-007
234	-5.34e-005	-1.13e-004	-1.76e-004	9.73e-007	-5.92e-007	1.50e-007
235	-8.45e-005	-1.59e-004	-1.52e-004	1.14e-006	-5.84e-007	7.39e-008
236	-8.04e-005	-1.59e-004	-2.06e-004	1.16e-006	-6.37e-007	9.28e-008
237	-1.11e-004	-2.14e-004	-1.73e-004	1.32e-006	-6.40e-007	3.46e-008
238	-1.09e-004	-2.14e-004	-2.35e-004	1.34e-006	-6.78e-007	5.03e-008
239	-1.31e-004	-2.55e-004	-1.86e-004	1.43e-006	-6.78e-007	1.66e-008
240	-6.44e-005	-1.13e-004	-8.63e-005	9.62e-007	-4.73e-007	4.97e-008
241	-8.67e-005	-1.59e-004	-9.83e-005	1.15e-006	-5.45e-007	1.12e-008
242	-1.12e-004	-2.14e-004	-1.11e-004	1.34e-006	-6.15e-007	-1.29e-008
243	-6.45e-005	-1.13e-004	-1.01e-004	9.35e-007	-4.69e-007	-1.51e-008
244	-8.67e-005	-1.59e-004	-1.15e-004	1.14e-006	-5.45e-007	-4.30e-008
245	-1.12e-004	-2.13e-004	-1.29e-004	1.33e-006	-6.18e-007	-5.45e-008
246	-1.31e-004	-2.54e-004	-1.39e-004	1.45e-006	-6.64e-007	-5.47e-008
247	-6.46e-005	-1.12e-004	-1.15e-004	9.17e-007	-4.65e-007	-7.59e-008
248	-8.68e-005	-1.57e-004	-1.31e-004	1.13e-006	-5.38e-007	-9.47e-008
249	-1.12e-004	-2.11e-004	-1.48e-004	1.33e-006	-6.10e-007	-9.46e-008
250	-6.48e-005	-1.08e-004	-1.30e-004	8.95e-007	-4.62e-007	-1.36e-007
251	-8.69e-005	-1.53e-004	-1.49e-004	1.13e-006	-5.36e-007	-1.51e-007
252	-1.12e-004	-2.07e-004	-1.68e-004	1.34e-006	-6.08e-007	-1.37e-007
253	-1.30e-004	-2.48e-004	-1.81e-004	1.47e-006	-6.54e-007	-1.21e-007
254	-6.51e-005	-1.03e-004	-1.45e-004	8.66e-007	-4.61e-007	-1.97e-007
255	-8.70e-005	-1.47e-004	-1.67e-004	1.13e-006	-5.32e-007	-2.05e-007
256	-1.12e-004	-2.02e-004	-1.88e-004	1.36e-006	-6.05e-007	-1.72e-007
257	-1.30e-004	-2.43e-004	-2.02e-004	1.49e-006	-6.53e-007	-1.48e-007
258	-6.54e-005	-9.54e-005	-1.61e-004	8.32e-007	-4.60e-007	-2.66e-007
259	-8.71e-005	-1.39e-004	-1.84e-004	1.16e-006	-5.28e-007	-2.54e-007
260	-1.12e-004	-1.96e-004	-2.08e-004	1.40e-006	-6.04e-007	-1.97e-007
261	-6.57e-005	-8.67e-005	-1.74e-004	8.11e-007	-4.61e-007	-3.30e-007
262	-8.71e-005	-1.31e-004	-2.00e-004	1.20e-006	-5.19e-007	-2.81e-007
263	-1.12e-004	-1.90e-004	-2.26e-004	1.44e-006	-6.01e-007	-2.08e-007
264	-1.30e-004	-2.33e-004	-2.44e-004	1.55e-006	-6.59e-007	-1.75e-007
265	-6.58e-005	-7.68e-005	-1.88e-004	7.91e-007	-4.55e-007	-3.28e-007
266	-8.71e-005	-1.23e-004	-2.15e-004	1.26e-006	-5.03e-007	-2.79e-007
267	-1.12e-004	-1.83e-004	-2.44e-004	1.48e-006	-5.98e-007	-2.19e-007
268	-7.25e-005	-7.50e-005	-2.05e-004	8.53e-007	-4.51e-007	-2.99e-007
269	-9.32e-005	-1.23e-004	-2.41e-004	1.18e-006	-4.92e-007	-2.71e-007
270	-1.17e-004	-1.84e-004	-2.76e-004	1.45e-006	-5.78e-007	-2.28e-007
271	-1.34e-004	-2.28e-004	-2.98e-004	1.55e-006	-6.37e-007	-1.96e-007
272	-8.36e-005	-7.58e-005	-2.35e-004	9.38e-007	-4.27e-007	-2.99e-007
273	-1.03e-004	-1.23e-004	-2.86e-004	1.30e-006	-4.64e-007	-2.66e-007
274	-1.25e-004	-1.85e-004	-3.30e-004	1.48e-006	-5.41e-007	-2.29e-007
275	-1.30e-004	-1.37e-004	-3.13e-004	9.97e-007	-4.64e-007	-2.10e-007
276	-1.22e-004	-1.36e-004	-2.76e-004	8.88e-007	-5.01e-007	-2.43e-007
277	-1.45e-004	-1.77e-004	-3.64e-004	1.02e-006	-1.89e-007	-1.77e-007
278	-1.38e-004	-1.78e-004	-3.28e-004	8.99e-007	-2.21e-007	-1.95e-007
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282	-2.40e-004	-4.86e-004	-3.53e-004	2.00e-006	-8.77e-007	-8.14e-008
283	-2.45e-004	-4.86e-004	-4.72e-004	1.93e-006	-8.32e-007	-7.82e-008
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285	-2.34e-004	-5.00e-004	-2.57e-004	1.99e-006	-7.97e-007	3.76e-008
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287	-2.40e-004	-4.98e-004	-1.63e-004	1.92e-006	-8.67e-007	-2.59e-008
288	-2.26e-004	-4.91e-004	-5.16e-004	1.89e-006	-1.07e-006	-9.24e-008
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384	-7.31e-004	-1.44e-003	-8.62e-004	2.35e-006	-1.24e-006	-2.74e-007
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386	-7.88e-004	-1.55e-003	-8.77e-004	2.33e-006	-1.22e-006	-2.97e-007
387	-7.88e-004	-1.54e-003	-9.14e-004	2.31e-006	-1.23e-006	-3.01e-007
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389	-8.45e-004	-1.65e-003	-9.26e-004	2.28e-006	-1.20e-006	-3.24e-007
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391	-9.00e-004	-1.75e-003	-9.35e-004	2.23e-006	-1.18e-006	-3.47e-007
392	-9.54e-004	-1.87e-003	-9.07e-004	2.21e-006	-1.16e-006	-3.64e-007
393	-2.85e-004	-5.91e-004	-6.02e-004	2.11e-006	-1.08e-006	-8.09e-008
394	-3.36e-004	-6.92e-004	-6.39e-004	2.19e-006	-1.10e-006	-1.07e-007
395	-3.89e-004	-7.95e-004	-6.72e-004	2.25e-006	-1.12e-006	-1.32e-007
396	-4.42e-004	-9.01e-004	-7.03e-004	2.30e-006	-1.14e-006	-1.53e-007
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401	-7.31e-004	-1.45e-003	-8.18e-004	2.37e-006	-1.23e-006	-2.70e-007
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420	-6.76e-004	-1.33e-003	-7.31e-004	2.39e-006	-1.24e-006	-6.73e-008
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423	-7.91e-004	-1.56e-003	-7.20e-004	2.42e-006	-1.20e-006	-9.85e-008
424	-7.91e-004	-1.55e-003	-7.62e-004	2.41e-006	-1.21e-006	-9.77e-008
425	-8.46e-004	-1.67e-003	-7.32e-004	2.43e-006	-1.18e-006	-1.10e-007
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428	-9.00e-004	-1.78e-003	-7.83e-004	2.42e-006	-1.16e-006	-1.20e-007
429	-9.54e-004	-1.89e-003	-7.50e-004	2.43e-006	-1.15e-006	-1.40e-007
430	-2.68e-004	-5.94e-004	-4.74e-004	2.09e-006	-9.47e-007	3.89e-008
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607 -3.72e-004 -7.85e-004 -5.65e-004 2.27e-006 -9.80e-007 -3.63e-008
608 -4.19e-004 -8.92e-004 -5.91e-004 2.23e-006 -1.01e-006 -3.00e-008
609 -4.66e-004 -1.00e-003 -6.16e-004 2.36e-006 -1.04e-006 -2.43e-008
610 -5.15e-004 -1.11e-003 -6.39e-004 2.36e-006 -1.06e-006 -2.71e-008
611 -5.65e-004 -1.22e-003 -6.58e-004 2.36e-006 -1.08e-006 -3.94e-008
612 -6.15e-004 -1.33e-003 -6.75e-004 2.25e-006 -1.08e-006 -6.48e-008
613 -6.66e-004 -1.44e-003 -6.91e-004 2.34e-006 -1.08e-006 -8.01e-008
614 -7.16e-004 -1.54e-003 -7.04e-004 2.32e-006 -1.10e-006 -1.09e-007
615 -7.68e-004 -1.65e-003 -7.15e-004 2.31e-006 -1.13e-006 -1.51e-007
616 -8.22e-004 -1.76e-003 -7.22e-004 2.19e-006 -1.18e-006 -2.02e-007
617 -2.82e-004 -5.85e-004 -6.28e-004 2.10e-006 -1.13e-006 -1.29e-007
618 -2.77e-004 -5.86e-004 -5.51e-004 2.09e-006 -1.11e-006 -1.28e-007
619 -3.34e-004 -6.85e-004 -6.64e-004 2.15e-006 -1.11e-006 -1.32e-007
620 -3.29e-004 -6.85e-004 -5.85e-004 2.15e-006 -1.10e-006 -1.37e-007
621 -3.86e-004 -7.87e-004 -6.98e-004 2.22e-006 -1.13e-006 -1.43e-007
622 -3.80e-004 -7.86e-004 -6.17e-004 2.22e-006 -1.12e-006 -1.47e-007
623 -1.13e-003 -2.49e-003 -4.22e-004 2.26e-006 -1.17e-006 -2.92e-007
624 -1.13e-003 -2.42e-003 -5.40e-004 2.23e-006 -9.11e-007 -3.95e-007
625 -1.27e-003 -2.60e-003 -6.12e-004 2.40e-006 -1.06e-006 -1.51e-007
626 -4.16e-007 -2.53e-006 -4.68e-005 9.08e-008 9.58e-007 -6.04e-009
627 -1.18e-003 -2.61e-003 -4.81e-004 2.39e-006 -1.35e-006 -1.34e-007
628 -3.36e-005 -1.02e-005 -8.35e-005 2.83e-007 -1.75e-007 -2.63e-007
629 -5.58e-007 9.61e-007 -4.46e-005 7.47e-008 -1.26e-006 -1.18e-007
630 -2.12e-005 -8.68e-006 -7.19e-005 3.18e-007 -5.29e-008 -3.76e-007
631 -2.76e-006 -1.62e-006 -3.38e-006 -2.46e-008 -2.96e-007 -1.08e-009
632 -1.19e-006 -1.88e-006 -1.64e-006 7.75e-008 1.68e-007 5.67e-009
633 -2.53e-006 -2.65e-006 -2.33e-005 -3.81e-007 -1.11e-006 6.56e-008
634 -2.19e-006 -1.32e-006 8.78e-009 3.55e-007 -1.54e-009 6.90e-009
635 -1.80e-006 -1.45e-006 -5.10e-008 3.77e-007 -1.20e-009 -9.57e-009
636 -1.39e-006 -2.77e-006 -1.42e-005 -2.13e-007 7.33e-007 -5.75e-008
637 -2.98e-006 -1.35e-006 -3.58e-006 6.56e-008 -3.34e-007 -4.27e-010

638 -9.60e-007 -1.15e-006 -1.88e-006 -3.59e-008 2.07e-007 -4.05e-009
639 -3.00e-006 -1.10e-006 -2.25e-005 4.06e-007 -9.79e-007 -3.24e-008
640 -2.31e-006 -1.29e-006 1.40e-006 -2.49e-007 -3.76e-008 3.80e-011
641 -1.68e-006 -1.18e-006 1.32e-006 -2.70e-007 3.61e-008 1.84e-009
642 -8.65e-007 -1.05e-006 -1.33e-005 2.40e-007 5.98e-007 2.13e-008
643 -2.29e-006 -1.37e-006 6.23e-006 -3.93e-009 -1.64e-007 3.89e-009
644 -3.15e-006 -1.68e-006 -9.27e-006 -4.46e-007 1.86e-007 1.67e-008
645 1.81e-006 -1.11e-006 -3.76e-005 1.15e-006 -5.82e-007 9.20e-008
646 -1.37e-005 -1.36e-005 -1.00e-004 -1.56e-007 7.17e-009 1.45e-007
647 -9.46e-006 -1.70e-005 -8.93e-005 2.38e-009 -3.16e-007 -2.94e-007
648 6.76e-006 -5.19e-006 -7.16e-005 6.64e-007 -1.44e-006 2.40e-007
649 -3.45e-006 -6.28e-007 -3.74e-005 1.11e-006 3.80e-007 1.33e-009
650 -6.25e-006 -2.47e-005 -7.71e-005 1.16e-007 -2.34e-007 -2.15e-007
651 -4.66e-006 -1.74e-006 -3.09e-005 9.82e-007 2.59e-007 -7.68e-008
652 -1.14e-006 -1.22e-006 -3.57e-005 1.00e-006 -4.33e-007 -7.68e-009
653 -5.75e-006 -1.81e-005 -6.98e-005 8.92e-008 3.31e-008 2.51e-007
654 -8.06e-006 -2.50e-005 -6.61e-005 1.78e-007 -3.72e-008 2.03e-007
655 -8.47e-006 -4.96e-006 -5.09e-005 5.87e-007 8.90e-007 -1.82e-007
656 -1.96e-006 -1.58e-005 -7.19e-005 -5.82e-008 -2.75e-007 -1.79e-007
657 -1.53e-006 -1.78e-006 -2.22e-005 -6.08e-007 -4.33e-007 -2.80e-008
658 1.82e-006 1.21e-007 -4.73e-005 -2.19e-007 -1.07e-006 -1.12e-007
659 -1.24e-005 -3.95e-006 -5.71e-005 3.89e-007 -1.87e-007 2.47e-007
660 -1.57e-005 -7.13e-006 -6.26e-005 4.45e-007 -2.55e-008 -8.77e-008
661 -4.81e-006 -1.76e-006 -2.20e-005 -6.52e-007 2.73e-007 1.79e-008
662 -9.26e-006 2.45e-006 -5.19e-005 3.34e-007 -1.29e-007 1.83e-007
663 -1.49e-006 -1.18e-006 -1.49e-005 -4.21e-007 9.88e-008 1.75e-008
664 1.48e-007 -1.25e-006 -1.99e-005 -5.29e-007 -3.32e-007 -1.23e-008
665 -3.65e-006 -3.46e-006 -3.61e-005 3.14e-007 -1.10e-007 -2.05e-007
666 -5.72e-006 2.16e-006 -3.98e-005 2.82e-007 -1.57e-007 -1.76e-007
667 -3.67e-006 1.03e-007 -2.57e-005 -1.24e-007 5.15e-007 6.95e-008
668 -1.20e-006 -5.72e-006 -3.27e-005 3.56e-007 -2.35e-007 9.94e-008
669 -3.50e-006 -1.23e-006 -4.82e-005 1.11e-006 1.74e-007 -3.81e-008
670 -5.81e-006 -2.95e-005 -7.08e-005 2.39e-007 -1.90e-007 -7.06e-008
671 -1.73e-006 -1.47e-006 -4.76e-005 1.07e-006 -2.11e-007 2.39e-008
672 -7.85e-006 -2.95e-005 -6.74e-005 2.58e-007 -6.57e-008 7.43e-008
673 -3.89e-006 -1.21e-006 -2.99e-005 -7.00e-007 1.23e-007 3.58e-008
674 -7.28e-006 6.34e-006 -4.97e-005 2.64e-007 -1.44e-007 5.65e-008
675 -1.32e-006 -1.00e-006 -2.92e-005 -6.56e-007 -1.69e-007 -2.43e-008
676 -6.88e-006 6.13e-006 -4.59e-005 2.49e-007 -1.36e-007 -7.17e-008
677 -2.23e-006 4.49e-007 -2.45e-005 9.07e-008 6.65e-007 7.06e-008
678 -1.15e-003 -2.34e-003 -6.10e-004 2.42e-006 -1.09e-006 -1.51e-007
679 -1.04e-003 -2.34e-003 -4.84e-004 2.42e-006 -1.16e-006 -1.34e-007
680 -5.86e-007 7.34e-007 -3.53e-005 4.02e-007 8.04e-007 2.70e-008
681 -1.30e-003 -2.68e-003 -6.59e-004 1.68e-006 -1.04e-006 -6.44e-007
682 -1.68e-006 -1.38e-006 6.83e-006 -4.29e-009 1.13e-007 -4.32e-009
683 -2.22e-006 -8.83e-007 -1.56e-005 7.81e-007 3.14e-007 3.78e-009
684 -2.83e-006 -1.16e-006 -1.48e-005 -6.45e-007 1.16e-007 2.94e-008
685 -9.20e-007 -1.23e-006 -9.20e-006 -4.02e-007 -2.10e-007 -5.47e-009
686 -1.70e-006 -9.89e-007 -1.49e-005 -6.17e-007 -1.06e-007 -5.49e-009
687 -1.83e-006 -1.40e-006 -1.57e-005 7.47e-007 -3.38e-007 -1.31e-008
688 -5.94e-007 -2.04e-006 -1.94e-005 6.76e-009 8.19e-007 -1.56e-008
689 -1.10e-006 -1.58e-006 -1.32e-006 -1.59e-008 4.40e-007 -6.09e-009
690 -3.52e-006 -1.98e-006 -3.25e-005 7.47e-009 -1.22e-006 1.48e-008
691 -2.93e-006 -1.56e-006 -5.58e-006 -1.48e-008 -6.41e-007 5.83e-009
692 -2.55e-006 -1.31e-006 -2.46e-005 9.92e-007 1.77e-007 -2.52e-008
693 -1.98e-006 -1.51e-006 -2.47e-005 9.68e-007 -1.63e-007 3.97e-010
694 0.00 0.00 0.00 0.00 0.00 0.00
695 0.00 0.00 0.00 0.00 0.00 0.00
696 -1.00e-003 -2.11e-003 -5.40e-004 2.13e-006 -1.22e-006 -2.68e-007
697 -9.58e-004 -2.16e-003 -4.22e-004 2.43e-006 -9.53e-007 -1.48e-007
698 -1.36e-003 -2.75e-003 -7.20e-004 2.45e-006 -1.28e-006 -6.43e-007
699 -1.36e-003 -2.61e-003 -9.46e-004 2.09e-006 -1.04e-006 -6.44e-007
700 -1.23e-003 -2.61e-003 -6.09e-004 2.11e-006 -1.33e-006 -6.45e-007
701 -1.23e-003 -2.75e-003 -3.74e-004 2.44e-006 -7.95e-007 -6.42e-007
702 -1.23e-003 -2.71e-003 -4.22e-004 1.97e-006 -9.49e-007 -6.44e-007
703 -1.23e-003 -2.64e-003 -5.40e-004 1.89e-006 -1.20e-006 -6.45e-007
704 -1.08e-003 -2.12e-003 -8.88e-004 2.17e-006 -1.10e-006 -4.20e-007
705 -1.08e-003 -2.16e-003 -7.84e-004 2.40e-006 -1.11e-006 -2.21e-007

706 -1.36e-003 -2.71e-003 -7.83e-004 2.01e-006 -1.05e-006 -6.44e-007
707 -1.36e-003 -2.64e-003 -8.89e-004 1.75e-006 -1.01e-006 -6.45e-007
708 -1.06e-003 -2.10e-003 -8.49e-004 2.02e-006 -1.11e-006 -4.28e-007
709 -1.02e-003 -2.10e-003 -7.06e-004 2.00e-006 -1.26e-006 -3.03e-007
710 -1.26e-003 -2.75e-003 -4.80e-004 1.79e-006 -5.17e-007 -6.43e-007

SPOSTAMENTI NODALI "Vy" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	1.32e-007	1.16e-004	1.16e-004	-8.56e-006	1.66e-006	-3.71e-007
2	1.59e-003	0.17	7.06e-003	-2.23e-004	-6.85e-007	-1.17e-004
3	1.59e-003	0.18	7.04e-003	-2.21e-004	-1.28e-007	-1.13e-004
4	3.91e-006	1.15e-004	1.13e-004	-8.42e-006	-1.23e-006	3.33e-007
5	1.56e-003	0.18	7.07e-003	-2.32e-004	-1.38e-006	-1.20e-004
6	1.60e-003	0.16	7.05e-003	-2.21e-004	3.67e-007	-1.18e-004
7	1.59e-003	0.17	7.09e-003	-2.21e-004	-6.12e-007	-1.19e-004
8	7.14e-003	0.16	-3.29e-003	-2.20e-004	1.15e-006	-1.18e-004
9	7.18e-003	0.17	-3.30e-003	-2.20e-004	8.67e-007	-1.19e-004
10	7.20e-003	0.18	-3.26e-003	-2.22e-004	3.22e-007	-1.19e-004
11	-1.39e-006	1.19e-004	-1.16e-004	-9.70e-006	-1.25e-007	2.44e-007
12	1.27e-002	0.16	-1.36e-002	-2.21e-004	1.94e-006	-1.18e-004
13	1.27e-002	0.17	-1.37e-002	-2.22e-004	1.38e-006	-1.18e-004
14	-2.62e-006	1.18e-004	-1.13e-004	-9.58e-006	-3.01e-007	-2.80e-007
15	-1.36e-004	0.16	4.38e-003	-2.20e-004	7.00e-006	-5.88e-005
16	-2.90e-003	0.16	1.47e-002	-2.21e-004	5.86e-006	-5.87e-005
17	-1.21e-005	1.04e-003	-1.07e-003	-1.18e-005	-2.06e-006	-8.37e-007
18	1.36e-004	0.17	4.38e-003	-2.20e-004	7.52e-006	-5.99e-005
19	-2.67e-003	0.17	1.48e-002	-2.22e-004	6.59e-006	-5.94e-005
20	4.26e-004	0.18	4.34e-003	-2.23e-004	7.91e-006	-6.11e-005
21	2.63e-003	0.16	-5.95e-003	-2.21e-004	8.87e-006	-5.85e-005
22	2.98e-003	0.17	-6.00e-003	-2.21e-004	1.00e-005	-6.10e-005
23	2.63e-003	0.16	-5.68e-003	-2.22e-004	9.12e-006	-5.76e-005
24	2.98e-003	0.17	-5.69e-003	-2.25e-004	1.00e-005	-6.13e-005
25	3.36e-003	0.18	-5.70e-003	-2.33e-004	1.04e-005	-6.83e-005
26	2.63e-003	0.16	-5.41e-003	-2.25e-004	8.89e-006	-5.74e-005
27	2.98e-003	0.17	-5.40e-003	-2.29e-004	1.00e-005	-6.15e-005
28	-3.96e-005	1.90e-003	-1.45e-003	-2.38e-005	-1.46e-006	-1.14e-006
29	2.25e-003	0.17	-4.86e-003	-1.99e-004	3.29e-006	-3.51e-005
30	2.25e-003	0.17	-4.96e-003	-2.02e-004	2.98e-006	-3.47e-005
31	2.38e-003	0.18	-4.85e-003	-1.96e-004	4.24e-006	-3.14e-005
32	2.39e-003	0.18	-4.97e-003	-2.00e-004	4.07e-006	-3.07e-005
33	2.56e-003	0.18	-4.84e-003	-2.02e-004	5.03e-006	-2.29e-005
34	2.25e-003	0.17	-4.77e-003	-1.98e-004	2.88e-006	-3.55e-005
35	2.39e-003	0.18	-4.71e-003	-1.92e-004	4.34e-006	-3.28e-005
36	1.47e-003	0.17	-4.47e-004	-1.96e-004	4.44e-006	-3.55e-005
37	1.66e-003	0.18	-4.69e-004	-1.95e-004	5.59e-006	-3.35e-005
38	1.28e-005	1.74e-003	-1.25e-003	-1.56e-005	2.45e-006	6.33e-007
39	8.60e-006	1.81e-003	-1.95e-004	-1.17e-005	1.14e-006	-8.79e-007
40	1.87e-003	0.18	-4.16e-004	-1.86e-004	6.25e-006	-3.25e-005
41	1.52e-004	0.17	6.88e-003	-1.96e-004	6.53e-006	-3.58e-005
42	4.01e-004	0.18	6.61e-003	-2.00e-004	6.92e-006	-3.40e-005
43	8.69e-004	0.17	1.96e-003	-1.95e-004	7.83e-007	3.90e-005
44	-1.24e-004	1.86e-003	1.55e-003	-2.20e-005	-2.39e-006	-6.27e-006
45	1.83e-004	1.74e-003	-1.32e-004	7.80e-006	3.26e-006	3.07e-007
46	1.44e-004	1.74e-003	3.57e-004	7.71e-006	1.45e-006	2.47e-006
47	-4.21e-005	1.88e-003	-1.36e-003	-2.25e-005	-1.34e-006	1.68e-007
48	-3.13e-005	1.80e-003	4.00e-004	-1.20e-005	-9.97e-007	1.29e-006
49	1.57e-004	1.73e-003	1.46e-003	-1.55e-005	1.32e-006	4.89e-006
50	-5.44e-004	0.17	-5.35e-003	-1.96e-004	2.90e-006	3.77e-005
51	8.63e-004	0.18	1.97e-003	-1.95e-004	-1.24e-006	3.76e-005
52	-4.37e-004	0.18	-5.08e-003	-2.00e-004	2.73e-006	3.38e-005
53	7.99e-004	0.18	1.91e-003	-1.86e-004	-1.38e-006	3.57e-005
54	6.91e-006	1.83e-003	-1.45e-003	-2.01e-005	1.10e-006	1.99e-006
55	-3.10e-005	1.93e-003	-1.49e-003	-2.39e-005	-3.03e-007	-7.93e-007
56	1.69e-004	2.09e-003	1.27e-003	-2.02e-005	1.01e-005	5.71e-006
57	-1.39e-004	2.25e-003	1.30e-003	-2.62e-005	-1.09e-005	-4.71e-006
58	3.33e-003	0.29	2.96e-003	-6.59e-005	8.72e-005	-1.33e-007
59	3.22e-003	0.29	-1.45e-003	-6.55e-005	-8.58e-005	1.43e-007

60	3.33e-003	0.29	-2.00e-003	-7.96e-005	9.97e-005	-5.27e-007
61	-3.25e-004	7.44e-002	1.21e-003	-2.06e-004	2.25e-007	3.38e-005
62	-1.56e-003	7.44e-002	-6.18e-003	-1.88e-004	-2.41e-006	3.31e-005
63	3.33e-003	0.29	-1.06e-003	-6.51e-005	4.83e-005	1.25e-006
64	3.22e-003	0.29	2.51e-003	-6.37e-005	-4.76e-005	1.34e-006
65	3.26e-003	0.29	-1.19e-003	-7.06e-005	-4.84e-005	-1.50e-006
66	3.33e-003	0.29	2.55e-003	-7.33e-005	5.22e-005	-1.58e-006
67	1.69e-002	0.15	0.00	1.77e-005	2.71e-007	-4.59e-005
68	1.69e-002	0.16	0.00	1.52e-005	2.71e-007	-4.59e-005
69	6.14e-003	0.15	-4.16e-003	1.77e-005	3.58e-006	-4.66e-005
70	9.59e-003	0.15	-2.83e-003	1.77e-005	2.44e-006	-4.57e-005
71	3.70e-005	5.46e-004	-2.31e-004	-9.49e-006	-3.45e-007	-3.67e-007
72	1.01e-005	2.11e-004	1.06e-004	-1.70e-006	-4.34e-006	7.58e-007
73	1.30e-002	0.15	-1.50e-003	1.77e-005	1.30e-006	-4.59e-005
74	6.14e-003	0.16	-3.58e-003	1.52e-005	3.58e-006	-4.51e-005
75	-3.47e-005	1.10e-003	-7.00e-004	-1.32e-005	7.78e-007	4.03e-008
76	-3.34e-005	1.08e-003	-9.83e-004	-1.14e-005	9.98e-007	-2.27e-007
77	2.28e-005	1.78e-003	-8.08e-004	-1.95e-005	1.98e-006	1.68e-007
78	2.76e-006	5.38e-004	6.91e-005	-5.83e-006	9.58e-007	-1.09e-006
79	3.34e-005	1.63e-004	2.72e-004	-8.00e-006	-6.81e-006	7.04e-007
80	-2.99e-005	1.13e-003	-2.82e-004	-1.11e-005	4.37e-007	2.55e-007
81	9.59e-003	0.16	-2.44e-003	1.52e-005	2.44e-006	-4.60e-005
82	-2.64e-005	5.48e-004	3.41e-004	-8.86e-006	1.95e-006	-1.00e-008
83	-2.85e-005	1.74e-004	2.96e-004	-8.49e-006	7.62e-006	-1.16e-006
84	2.71e-005	1.09e-003	8.30e-004	-1.25e-005	4.23e-007	7.54e-007
85	6.16e-005	1.76e-003	1.02e-003	-1.92e-005	3.20e-007	3.72e-006
86	4.45e-005	5.70e-004	5.77e-004	-8.92e-006	-9.26e-007	-9.89e-007
87	-6.44e-006	2.07e-004	1.22e-004	-1.90e-006	4.83e-006	-6.84e-007
88	5.39e-005	1.07e-003	1.09e-003	-1.12e-005	1.50e-006	1.67e-006
89	1.30e-002	0.16	-1.30e-003	1.52e-005	1.30e-006	-4.58e-005
90	5.46e-005	5.58e-004	3.03e-004	-8.23e-006	-1.01e-006	6.63e-007
91	3.41e-006	2.22e-004	5.63e-005	-1.85e-006	8.55e-007	-7.30e-007
92	-1.57e-005	1.14e-003	8.11e-005	-9.49e-006	-4.74e-007	4.31e-007
93	-3.53e-005	1.90e-003	9.87e-005	-1.00e-005	-4.46e-007	-8.14e-007
94	9.37e-006	5.49e-004	6.57e-005	-8.19e-006	-4.37e-007	1.57e-006
95	1.12e-005	1.93e-004	-3.00e-005	-2.79e-006	-3.15e-006	-4.96e-007
96	4.60e-006	1.12e-003	4.37e-004	-1.10e-005	-7.68e-007	4.62e-007
97	1.61e-002	0.15	-3.09e-004	1.77e-005	2.71e-007	-4.59e-005
98	-2.80e-004	8.40e-002	1.29e-003	-2.12e-004	1.78e-006	3.70e-005
99	-1.63e-003	8.40e-002	-6.51e-003	-2.14e-004	-6.77e-007	3.64e-005
100	3.14e-005	1.15e-003	1.05e-003	-1.27e-005	1.14e-006	3.04e-006
101	1.60e-004	1.90e-003	1.47e-003	-1.85e-005	1.72e-006	6.08e-006
102	-1.73e-004	9.40e-002	1.36e-003	-2.13e-004	2.85e-006	3.96e-005
103	-1.63e-003	9.40e-002	-6.58e-003	-2.16e-004	9.17e-007	3.92e-005
104	1.99e-005	1.25e-003	9.59e-004	-1.41e-005	2.41e-006	3.16e-006
105	1.61e-002	0.16	-2.67e-004	1.52e-005	2.71e-007	-4.59e-005
106	-4.09e-005	0.10	1.44e-003	-2.16e-004	2.83e-006	4.15e-005
107	-1.57e-003	0.10	-6.52e-003	-2.18e-004	1.58e-006	4.11e-005
108	6.48e-006	1.33e-003	8.72e-004	-1.53e-005	4.44e-007	1.45e-006
109	9.94e-005	2.22e-003	9.30e-004	-1.97e-005	4.09e-006	2.96e-006
110	3.05e-003	0.15	-5.35e-003	1.77e-005	4.72e-006	-4.25e-005
111	8.62e-005	0.11	1.50e-003	-2.16e-004	2.76e-006	4.28e-005
112	-1.48e-003	0.11	-6.23e-003	-1.97e-004	2.03e-006	4.20e-005
113	3.04e-005	1.33e-003	8.77e-004	-1.58e-005	-4.94e-007	-1.41e-006
114	-7.17e-005	2.29e-003	9.36e-004	-2.14e-005	-4.53e-006	7.11e-007
115	2.35e-004	0.12	1.59e-003	-2.16e-004	3.69e-006	4.35e-005
116	-1.36e-003	0.12	-6.36e-003	-2.18e-004	3.22e-006	4.30e-005
117	1.95e-005	1.25e-003	9.71e-004	-1.53e-005	-2.40e-006	-3.85e-006
118	3.03e-003	0.16	-4.61e-003	1.52e-005	4.51e-006	-4.93e-005
119	4.16e-004	0.13	1.67e-003	-2.12e-004	4.08e-006	4.37e-005
120	-1.19e-003	0.13	-6.24e-003	-2.15e-004	4.14e-006	4.32e-005
121	1.13e-005	1.12e-003	1.06e-003	-1.37e-005	-7.35e-007	-4.35e-006
122	-1.27e-004	2.07e-003	1.52e-003	-2.54e-005	-2.54e-006	-7.02e-006
123	5.88e-004	0.14	1.75e-003	-2.11e-004	3.30e-006	4.31e-005
124	-9.94e-004	0.14	-6.01e-003	-2.12e-004	4.05e-006	4.26e-005
125	-1.09e-005	1.01e-003	1.07e-003	-1.12e-005	-6.98e-007	-2.64e-006
126	7.16e-004	0.15	1.81e-003	-2.06e-004	2.28e-006	4.19e-005
127	-8.16e-004	0.15	-5.57e-003	-1.87e-004	3.49e-006	4.10e-005

128	8.15e-004	0.16	1.90e-003	-2.03e-004	1.91e-006	4.03e-005
129	5.47e-005	1.08e-003	4.15e-004	-1.45e-005	1.23e-006	-5.48e-007
130	9.98e-005	1.82e-003	2.75e-004	-2.73e-005	1.06e-006	-3.17e-006
131	2.55e-003	0.18	-4.67e-003	-1.99e-004	5.72e-006	-2.83e-005
132	6.48e-004	0.18	5.84e-003	-1.15e-004	6.50e-006	-3.23e-005
133	6.75e-005	1.14e-003	8.83e-005	-4.76e-006	1.65e-006	2.44e-007
134	1.56e-003	0.18	7.12e-003	-2.31e-004	-1.29e-006	-1.22e-004
135	1.28e-002	0.18	-1.37e-002	-2.22e-004	9.84e-007	-1.19e-004
136	1.61e-002	0.16	-2.88e-004	1.64e-005	2.65e-007	-4.59e-005
137	-2.41e-003	0.18	1.48e-002	-2.22e-004	7.07e-006	-6.01e-005
138	3.36e-003	0.18	-6.02e-003	-2.29e-004	1.02e-005	-6.48e-005
139	-3.14e-004	0.18	-4.31e-003	-1.14e-004	3.61e-006	2.34e-005
140	2.47e-005	1.09e-003	-2.61e-004	-1.50e-005	-2.49e-008	1.07e-006
141	2.35e-005	1.83e-003	-5.97e-005	-2.77e-005	-1.15e-007	2.44e-006
142	1.67e-003	0.18	6.17e-003	-2.00e-004	-1.93e-006	4.41e-005
143	2.56e-003	0.18	-4.98e-003	-2.13e-004	4.96e-006	-2.33e-005
144	-8.58e-006	1.02e-003	-9.66e-004	-1.18e-005	-1.77e-006	4.91e-008
145	1.30e-002	0.16	-1.40e-003	1.64e-005	1.30e-006	-4.59e-005
146	3.35e-003	0.18	-5.40e-003	-2.43e-004	9.63e-006	-6.76e-005
147	1.64e-003	0.19	6.31e-003	-2.12e-004	-3.92e-006	3.63e-005
148	-2.92e-005	1.08e-003	-1.05e-003	-1.10e-005	1.70e-006	-2.16e-007
149	1.03e-005	1.78e-003	-1.38e-003	-1.80e-005	2.40e-006	1.41e-006
150	1.57e-003	0.18	7.03e-003	-2.35e-004	-1.69e-006	-1.03e-004
151	1.74e-003	0.17	6.25e-003	-1.96e-004	1.56e-007	4.02e-005
152	-2.38e-005	1.08e-003	-1.12e-003	-1.10e-005	1.08e-006	1.05e-007
153	9.59e-003	0.16	-2.63e-003	1.64e-005	2.44e-006	-4.59e-005
154	1.74e-003	0.17	6.27e-003	-1.97e-004	4.74e-007	3.96e-005
155	1.72e-003	0.18	6.24e-003	-1.94e-004	-9.40e-007	4.13e-005
156	-1.85e-005	1.09e-003	-1.16e-003	-1.13e-005	6.23e-007	1.91e-008
157	-3.23e-006	1.90e-003	-1.49e-003	-2.21e-005	7.04e-007	1.55e-006
158	6.14e-003	0.16	-3.87e-003	1.64e-005	3.58e-006	-4.59e-005
159	1.72e-003	0.18	6.20e-003	-1.91e-004	-1.43e-006	3.98e-005
160	1.66e-003	0.19	6.23e-003	-2.02e-004	-1.84e-006	4.86e-005
161	-1.75e-005	1.09e-003	-1.17e-003	-1.16e-005	-4.58e-007	-4.49e-007
162	-1.67e-005	1.93e-003	-1.51e-003	-2.33e-005	4.22e-008	3.86e-007
163	1.74e-003	0.17	6.24e-003	-1.95e-004	5.23e-008	4.06e-005
164	1.72e-003	0.18	6.28e-003	-1.96e-004	-1.09e-006	4.01e-005
165	-1.48e-005	1.06e-003	-1.14e-003	-1.17e-005	-1.05e-006	-9.07e-007
166	3.04e-003	0.16	-4.98e-003	1.64e-005	4.61e-006	-4.59e-005
167	1.59e-003	0.16	7.04e-003	-2.20e-004	1.76e-008	-1.17e-004
168	1.59e-003	0.17	7.05e-003	-2.18e-004	4.88e-007	-1.16e-004
169	7.80e-005	2.94e-003	-1.66e-003	-3.46e-005	2.20e-006	3.36e-006
170	7.64e-005	2.73e-003	2.30e-004	-1.54e-005	1.72e-006	-2.31e-006
171	-2.19e-004	3.51e-003	2.12e-003	-4.46e-005	-9.98e-007	-1.04e-005
172	5.54e-004	3.41e-003	-2.10e-003	-5.06e-005	9.97e-006	-6.71e-006
173	8.22e-005	3.44e-003	2.39e-003	-5.06e-005	-2.59e-006	1.93e-006
174	-4.64e-005	3.54e-003	-1.85e-003	-4.47e-005	1.86e-007	-4.66e-008
175	-1.24e-004	2.74e-003	3.88e-005	-1.71e-005	-3.20e-006	2.10e-006
176	2.03e-004	2.94e-003	1.96e-003	-3.47e-005	-8.34e-007	9.01e-006
177	5.38e-005	3.27e-003	-1.81e-003	-3.97e-005	1.05e-006	5.82e-006
178	-2.35e-005	3.57e-003	-1.87e-003	-4.39e-005	3.02e-007	5.93e-008
179	2.06e-004	3.57e-003	2.01e-003	-4.11e-005	-9.43e-007	1.11e-005
180	-2.22e-004	4.18e-003	2.06e-003	-5.05e-005	-1.44e-007	-1.11e-005
181	1.15e-004	2.91e-003	-7.84e-004	-4.01e-005	1.90e-006	3.54e-007
182	-6.49e-005	2.28e-003	1.02e-004	4.37e-006	-7.91e-007	-3.32e-006
183	3.60e-005	2.91e-003	1.09e-003	-4.00e-005	-1.60e-006	6.31e-006
184	2.19e-004	3.24e-003	1.99e-003	-3.87e-005	-1.21e-006	1.10e-005
185	-2.36e-004	3.84e-003	2.08e-003	-4.78e-005	-1.03e-007	-1.12e-005
186	2.13e-004	3.41e-003	5.29e-005	-4.60e-005	3.71e-006	-7.84e-006
187	-1.09e-006	3.44e-003	2.35e-004	-4.62e-005	-7.68e-007	1.85e-006
188	-3.95e-005	3.56e-003	-1.86e-003	-4.46e-005	-7.46e-008	-9.18e-007
189	1.90e-006	3.54e-003	-1.86e-003	-4.29e-005	4.30e-007	2.05e-006
190	2.79e-005	3.43e-003	-1.84e-003	-4.15e-005	8.00e-007	4.18e-006
191	0.00	0.00	0.00	0.00	0.00	0.00
192	0.00	0.00	0.00	0.00	0.00	0.00
193	7.11e-005	3.09e-003	-1.76e-003	-3.77e-005	1.87e-006	6.13e-006
194	1.38e-004	1.68e-002	-3.04e-003	-1.26e-004	2.15e-008	-3.66e-006
195	-1.42e-004	1.67e-002	4.31e-003	-1.30e-004	-3.78e-006	-5.27e-006

196	-6.51e-005	1.62e-002	3.85e-003	-1.08e-004	2.86e-006	-2.70e-005
197	2.66e-003	1.62e-002	-6.16e-003	-1.09e-004	1.59e-005	-2.97e-005
198	-5.16e-004	1.62e-002	6.70e-003	-1.09e-004	-5.21e-006	-7.39e-006
199	1.21e-004	1.62e-002	-3.25e-003	-1.07e-004	1.63e-006	-5.24e-006
200	-7.65e-004	1.69e-002	-3.65e-003	-1.31e-004	-4.68e-006	1.48e-005
201	1.32e-004	1.69e-002	3.77e-003	-1.28e-004	-2.57e-006	1.59e-005
202	1.37e-004	1.66e-002	-2.97e-003	-1.21e-004	3.72e-007	-1.80e-006
203	1.23e-004	1.64e-002	-3.08e-003	-1.12e-004	1.50e-006	-2.87e-006
204	1.65e-004	1.78e-002	3.97e-003	-1.31e-004	-1.00e-005	1.21e-005
205	-8.37e-005	1.76e-002	4.06e-003	-1.19e-004	9.49e-006	-1.80e-005
206	1.92e-004	5.58e-003	2.52e-003	-6.80e-005	7.13e-007	1.37e-005
207	1.97e-004	5.19e-003	2.56e-003	-6.66e-005	5.88e-007	1.15e-005
208	2.13e-004	9.17e-003	3.04e-003	-9.47e-005	6.50e-007	1.37e-005
209	2.14e-004	8.77e-003	3.09e-003	-9.39e-005	1.28e-006	1.28e-005
210	2.14e-004	1.38e-002	3.52e-003	-1.16e-004	-3.81e-007	1.42e-005
211	1.96e-004	1.34e-002	3.51e-003	-1.14e-004	-8.65e-007	1.47e-005
212	1.38e-004	1.74e-002	3.79e-003	-1.29e-004	-1.67e-006	1.55e-005
213	1.95e-004	5.98e-003	2.52e-003	-6.87e-005	1.75e-008	1.37e-005
214	2.13e-004	9.59e-003	3.02e-003	-9.46e-005	3.52e-007	1.40e-005
215	2.16e-004	1.42e-002	3.54e-003	-1.16e-004	-4.20e-007	1.34e-005
216	-2.34e-004	6.38e-003	2.62e-003	-6.75e-005	-8.58e-007	-1.52e-005
217	-2.34e-004	6.83e-003	2.61e-003	-6.96e-005	2.99e-007	-1.51e-005
218	-2.18e-004	9.74e-003	3.13e-003	-8.49e-005	2.55e-007	-1.79e-005
219	-2.19e-004	1.03e-002	3.14e-003	-8.62e-005	1.18e-006	-1.76e-005
220	-1.61e-004	1.38e-002	3.61e-003	-1.01e-004	1.20e-006	-2.01e-005
221	-1.64e-004	1.44e-002	3.66e-003	-1.02e-004	1.88e-006	-1.84e-005
222	-6.76e-005	1.69e-002	3.88e-003	-1.14e-004	1.89e-006	-2.36e-005
223	-2.36e-004	5.93e-003	2.66e-003	-6.50e-005	-5.22e-007	-1.46e-005
224	-2.19e-004	9.19e-003	3.14e-003	-8.23e-005	3.96e-007	-1.87e-005
225	-1.45e-004	1.32e-002	3.58e-003	-9.82e-005	2.06e-006	-2.33e-005
226	4.17e-004	5.93e-003	-2.90e-004	-6.30e-005	5.30e-006	-1.34e-005
227	6.79e-004	9.19e-003	-6.28e-004	-8.08e-005	6.63e-006	-1.94e-005
228	1.01e-003	1.32e-002	-9.34e-004	-9.66e-005	8.45e-006	-2.54e-005
229	1.27e-003	1.62e-002	-1.12e-003	-1.07e-004	9.38e-006	-2.93e-005
230	1.04e-003	5.92e-003	-3.32e-003	-6.61e-005	1.18e-005	-1.31e-005
231	1.59e-003	9.19e-003	-4.45e-003	-8.37e-005	1.33e-005	-1.94e-005
232	2.21e-003	1.32e-002	-5.51e-003	-9.93e-005	1.50e-005	-2.57e-005
233	-3.31e-005	5.95e-003	6.52e-004	-6.29e-005	-6.13e-007	-2.29e-007
234	-4.70e-005	5.94e-003	3.68e-003	-6.59e-005	-3.15e-006	-3.35e-007
235	-6.62e-005	9.20e-003	1.07e-003	-8.05e-005	-9.49e-007	-2.59e-006
236	-1.95e-004	9.20e-003	4.87e-003	-8.34e-005	-3.64e-006	-2.83e-006
237	-1.21e-004	1.32e-002	1.45e-003	-9.60e-005	-1.61e-006	-5.12e-006
238	-3.75e-004	1.32e-002	6.00e-003	-9.87e-005	-4.53e-006	-5.52e-006
239	-1.75e-004	1.62e-002	1.69e-003	-1.06e-004	-2.09e-006	-6.99e-006
240	-1.48e-005	5.95e-003	-2.31e-003	-6.50e-005	1.57e-006	-5.29e-007
241	3.57e-005	9.20e-003	-2.69e-003	-8.20e-005	1.64e-006	-1.43e-006
242	8.45e-005	1.32e-002	-3.04e-003	-9.77e-005	1.49e-006	-3.46e-006
243	-7.43e-006	5.96e-003	-2.24e-003	-6.48e-005	1.31e-006	-1.50e-007
244	4.05e-005	9.22e-003	-2.61e-003	-8.32e-005	1.96e-006	-1.31e-007
245	8.81e-005	1.33e-002	-2.95e-003	-9.99e-005	2.26e-006	-1.89e-006
246	1.20e-004	1.63e-002	-3.16e-003	-1.10e-004	2.42e-006	-3.94e-006
247	6.60e-006	5.95e-003	-2.21e-003	-6.43e-005	8.88e-007	1.13e-006
248	4.87e-005	9.21e-003	-2.55e-003	-8.38e-005	1.19e-006	1.04e-006
249	9.28e-005	1.33e-002	-2.87e-003	-1.02e-004	1.37e-006	-8.43e-007
250	3.08e-005	5.88e-003	-2.18e-003	-6.39e-005	7.68e-007	3.09e-006
251	6.47e-005	9.16e-003	-2.50e-003	-8.48e-005	9.84e-007	2.47e-006
252	1.01e-004	1.33e-002	-2.82e-003	-1.04e-004	1.15e-006	1.34e-007
253	1.27e-004	1.65e-002	-3.02e-003	-1.15e-004	1.29e-006	-2.09e-006
254	5.75e-005	5.75e-003	-2.16e-003	-6.39e-005	6.22e-007	5.16e-006
255	8.31e-005	9.06e-003	-2.47e-003	-8.62e-005	5.21e-007	3.73e-006
256	1.11e-004	1.33e-002	-2.78e-003	-1.06e-004	5.87e-007	7.39e-007
257	1.32e-004	1.65e-002	-2.98e-003	-1.18e-004	6.49e-007	-1.70e-006
258	8.52e-005	5.55e-003	-2.14e-003	-6.45e-005	5.14e-007	6.75e-006
259	1.01e-004	8.92e-003	-2.46e-003	-8.83e-005	2.29e-007	4.24e-006
260	1.18e-004	1.33e-002	-2.78e-003	-1.09e-004	2.87e-007	7.07e-007
261	1.04e-004	5.35e-003	-2.12e-003	-6.56e-005	1.97e-007	6.93e-006
262	1.10e-004	8.81e-003	-2.48e-003	-9.09e-005	-6.68e-007	3.39e-006
263	1.22e-004	1.33e-002	-2.80e-003	-1.11e-004	-6.48e-007	-1.15e-007

264	1.39e-004	1.67e-002	-3.00e-003	-1.24e-004	-5.70e-007	-2.37e-006
265	1.12e-004	5.19e-003	-2.14e-003	-6.62e-005	-1.81e-007	3.81e-006
266	1.16e-004	8.74e-003	-2.54e-003	-9.27e-005	-8.84e-007	1.33e-006
267	1.24e-004	1.33e-002	-2.85e-003	-1.13e-004	-1.83e-007	-1.53e-006
268	1.56e-004	5.13e-003	-7.27e-004	-6.82e-005	-1.01e-007	6.23e-007
269	1.26e-004	8.76e-003	-5.52e-004	-9.09e-005	-1.21e-006	-1.95e-007
270	7.82e-005	1.33e-002	-3.99e-004	-1.13e-004	-1.05e-006	-2.65e-006
271	4.38e-005	1.67e-002	-3.15e-004	-1.25e-004	-1.22e-006	-4.55e-006
272	1.37e-004	5.17e-003	1.76e-003	-7.02e-005	1.67e-007	-1.10e-006
273	8.73e-005	8.74e-003	2.83e-003	-9.57e-005	-2.30e-006	-1.40e-006
274	-4.05e-005	1.33e-002	3.64e-003	-1.03e-004	-3.30e-006	-3.55e-006
275	-2.48e-005	5.14e-003	1.14e-003	-6.85e-005	-9.99e-007	8.82e-006
276	-3.17e-004	5.18e-003	-1.36e-003	-7.04e-005	-4.21e-006	7.32e-006
277	-5.73e-005	8.79e-003	1.08e-003	-9.19e-005	-5.90e-007	1.19e-005
278	-4.77e-004	8.78e-003	-2.34e-003	-9.67e-005	-3.20e-006	1.11e-005
279	-1.24e-004	1.34e-002	1.04e-003	-1.14e-004	-2.45e-006	1.43e-005
280	-6.34e-004	1.33e-002	-3.05e-003	-1.04e-004	-4.16e-006	1.34e-005
281	-2.10e-004	1.69e-002	1.02e-003	-1.26e-004	-3.44e-006	1.53e-005
282	3.05e-004	3.85e-002	-3.76e-003	-1.70e-004	1.50e-006	-1.75e-005
283	-7.35e-004	3.85e-002	6.16e-003	-1.58e-004	-3.82e-006	-1.77e-005
284	-1.03e-004	3.48e-002	5.00e-003	-1.49e-004	-3.12e-006	-5.28e-005
285	4.89e-003	3.48e-002	-8.88e-003	-1.50e-004	1.53e-005	-5.32e-005
286	-1.43e-003	3.47e-002	9.64e-003	-1.50e-004	-7.12e-006	-1.88e-005
287	3.16e-004	3.46e-002	-4.16e-003	-1.48e-004	2.14e-006	-1.80e-005
288	-1.12e-003	3.86e-002	-5.14e-003	-1.57e-004	-1.01e-006	2.00e-005
289	4.28e-005	3.86e-002	4.81e-003	-1.70e-004	2.58e-006	1.88e-005
290	3.08e-004	3.74e-002	-3.78e-003	-1.66e-004	1.31e-006	-1.72e-005
291	3.14e-004	3.57e-002	-3.95e-003	-1.55e-004	2.12e-006	-1.73e-005
292	4.47e-005	3.96e-002	4.56e-003	-1.74e-004	5.68e-006	6.37e-006
293	-1.21e-004	3.80e-002	4.71e-003	-1.62e-004	-7.47e-006	-4.16e-005
294	-2.47e-005	2.54e-002	4.23e-003	-1.49e-004	1.10e-007	1.61e-005
295	-1.11e-005	2.49e-002	4.24e-003	-1.49e-004	-9.94e-007	1.73e-005
296	-3.25e-005	3.20e-002	4.48e-003	-1.61e-004	1.15e-006	1.50e-005
297	-2.47e-005	3.15e-002	4.54e-003	-1.61e-004	1.35e-006	1.75e-005
298	4.54e-005	3.92e-002	4.72e-003	-1.72e-004	2.62e-006	1.54e-005
299	-1.51e-005	2.58e-002	4.26e-003	-1.48e-004	-1.97e-006	1.01e-005
300	-3.24e-005	3.24e-002	4.42e-003	-1.61e-004	9.83e-007	8.39e-006
301	6.25e-005	2.41e-002	4.34e-003	-1.32e-004	-9.88e-007	-3.43e-005
302	5.30e-005	2.50e-002	4.35e-003	-1.37e-004	7.23e-007	-2.73e-005
303	1.60e-005	3.00e-002	4.63e-003	-1.44e-004	-2.26e-006	-4.23e-005
304	1.55e-005	3.11e-002	4.53e-003	-1.50e-004	-2.71e-006	-3.46e-005
305	-1.09e-004	3.63e-002	4.91e-003	-1.55e-004	-2.78e-006	-5.03e-005
306	4.83e-005	2.30e-002	4.37e-003	-1.26e-004	1.64e-007	-3.67e-005
307	6.44e-006	2.87e-002	4.72e-003	-1.39e-004	-2.59e-006	-4.46e-005
308	1.14e-004	1.80e-002	4.27e-003	-1.32e-004	-3.50e-006	2.95e-006
309	-4.93e-006	2.60e-002	4.32e-003	-1.46e-004	-3.86e-007	-1.25e-006
310	-2.25e-005	3.25e-002	4.39e-003	-1.59e-004	-1.97e-007	-4.69e-006
311	-3.98e-006	3.95e-002	4.41e-003	-1.67e-004	1.59e-006	-1.02e-005
312	-1.94e-006	1.80e-002	4.31e-003	-1.29e-004	1.46e-006	-6.64e-006
313	4.16e-005	2.57e-002	4.35e-003	-1.42e-004	-9.85e-007	-1.52e-005
314	8.95e-006	3.21e-002	4.43e-003	-1.55e-004	-1.70e-006	-2.06e-005
315	-1.03e-004	3.89e-002	4.46e-003	-1.63e-004	-4.74e-006	-2.46e-005
316	1.79e-003	2.30e-002	-1.47e-003	-1.25e-004	8.36e-006	-3.75e-005
317	2.11e-003	2.86e-002	-1.70e-003	-1.37e-004	6.75e-006	-4.50e-005
318	2.39e-003	3.48e-002	-1.92e-003	-1.47e-004	6.59e-006	-5.32e-005
319	3.58e-003	2.30e-002	-7.36e-003	-1.28e-004	1.58e-005	-3.83e-005
320	4.24e-003	2.86e-002	-8.16e-003	-1.39e-004	1.52e-005	-4.54e-005
321	-3.10e-004	2.29e-002	2.14e-003	-1.24e-004	-2.67e-006	-1.11e-005
322	-8.48e-004	2.29e-002	7.98e-003	-1.27e-004	-6.24e-006	-1.16e-005
323	-4.25e-004	2.85e-002	2.43e-003	-1.36e-004	-2.85e-006	-1.47e-005
324	-1.13e-003	2.85e-002	8.85e-003	-1.39e-004	-6.84e-006	-1.51e-005
325	-5.46e-004	3.46e-002	2.71e-003	-1.47e-004	-2.90e-006	-1.86e-005
326	1.88e-004	2.29e-002	-3.65e-003	-1.25e-004	1.83e-006	-9.83e-006
327	2.48e-004	2.85e-002	-3.92e-003	-1.37e-004	1.92e-006	-1.38e-005
328	1.89e-004	2.32e-002	-3.55e-003	-1.29e-004	2.60e-006	-8.77e-006
329	2.47e-004	2.89e-002	-3.81e-003	-1.41e-004	2.83e-006	-1.31e-005
330	3.15e-004	3.52e-002	-4.05e-003	-1.52e-004	2.99e-006	-1.76e-005
331	1.89e-004	2.34e-002	-3.46e-003	-1.31e-004	1.70e-006	-8.11e-006

332	2.46e-004	2.93e-002	-3.71e-003	-1.44e-004	1.93e-006	-1.26e-005
333	1.89e-004	2.37e-002	-3.39e-003	-1.35e-004	1.54e-006	-7.70e-006
334	2.45e-004	2.97e-002	-3.64e-003	-1.48e-004	1.76e-006	-1.24e-005
335	3.12e-004	3.63e-002	-3.87e-003	-1.59e-004	1.98e-006	-1.71e-005
336	1.88e-004	2.40e-002	-3.34e-003	-1.39e-004	9.29e-007	-7.64e-006
337	2.43e-004	3.01e-002	-3.59e-003	-1.51e-004	1.19e-006	-1.25e-005
338	3.10e-004	3.68e-002	-3.81e-003	-1.63e-004	1.46e-006	-1.71e-005
339	1.87e-004	2.42e-002	-3.33e-003	-1.42e-004	6.86e-007	-7.93e-006
340	2.40e-004	3.06e-002	-3.56e-003	-1.55e-004	9.80e-007	-1.28e-005
341	1.87e-004	2.45e-002	-3.34e-003	-1.46e-004	-2.71e-007	-8.41e-006
342	2.37e-004	3.10e-002	-3.57e-003	-1.58e-004	1.98e-007	-1.34e-005
343	3.06e-004	3.79e-002	-3.77e-003	-1.69e-004	6.85e-007	-1.73e-005
344	1.86e-004	2.47e-002	-3.38e-003	-1.49e-004	1.68e-007	-9.05e-006
345	2.36e-004	3.14e-002	-3.59e-003	-1.61e-004	7.74e-007	-1.36e-005
346	-1.80e-005	2.47e-002	-1.73e-004	-1.46e-004	-1.30e-006	-9.55e-006
347	-6.17e-005	3.14e-002	-8.97e-005	-1.61e-004	-7.99e-007	-1.35e-005
348	-8.20e-005	3.85e-002	-1.16e-005	-1.72e-004	-2.45e-007	-1.76e-005
349	-3.79e-004	2.47e-002	5.29e-003	-1.50e-004	-4.31e-006	-9.82e-006
350	-5.64e-004	3.14e-002	5.85e-003	-1.65e-004	-4.22e-006	-1.36e-005
351	-3.83e-004	2.49e-002	1.02e-003	-1.46e-004	-1.81e-006	1.66e-005
352	-9.95e-004	2.49e-002	-4.46e-003	-1.50e-004	-3.01e-006	1.65e-005
353	-4.15e-004	3.16e-002	1.03e-003	-1.61e-004	2.37e-007	1.79e-005
354	-1.08e-003	3.16e-002	-4.90e-003	-1.64e-004	-1.23e-006	1.81e-005
355	-3.84e-004	3.86e-002	1.04e-003	-1.72e-004	1.05e-006	1.98e-005
356	2.14e-003	0.16	-4.80e-003	-2.01e-004	2.83e-006	-3.74e-005
357	-8.79e-005	0.16	7.08e-003	-2.05e-004	6.54e-006	-3.78e-005
358	1.57e-003	0.15	7.00e-003	-2.19e-004	9.41e-007	-1.18e-004
359	1.26e-002	0.15	-1.36e-002	-2.20e-004	2.73e-006	-1.17e-004
360	-3.10e-003	0.15	1.47e-002	-2.20e-004	4.99e-006	-5.78e-005
361	2.33e-003	0.15	-5.90e-003	-2.19e-004	7.43e-006	-5.75e-005
362	-6.61e-004	0.16	-5.54e-003	-2.04e-004	3.28e-006	3.97e-005
363	1.71e-003	0.16	6.30e-003	-2.01e-004	1.36e-006	4.12e-005
364	2.16e-003	0.16	-4.97e-003	-2.07e-004	2.87e-006	-3.87e-005
365	2.31e-003	0.16	-5.43e-003	-2.20e-004	7.27e-006	-5.37e-005
366	1.71e-003	0.17	6.21e-003	-1.99e-004	1.17e-006	4.19e-005
367	1.57e-003	0.16	7.05e-003	-2.18e-004	1.31e-006	-1.18e-004
368	1.59e-004	4.75e-002	4.98e-003	-1.88e-004	2.80e-006	1.97e-005
369	1.51e-004	4.69e-002	5.10e-003	-1.84e-004	2.79e-006	2.19e-005
370	2.52e-004	5.65e-002	5.23e-003	-1.98e-004	3.13e-006	2.56e-005
371	2.53e-004	5.57e-002	5.34e-003	-1.95e-004	2.57e-006	2.61e-005
372	3.40e-004	6.59e-002	5.44e-003	-2.03e-004	2.66e-006	3.02e-005
373	3.41e-004	6.50e-002	5.54e-003	-2.00e-004	2.07e-006	3.02e-005
374	4.22e-004	7.54e-002	5.62e-003	-2.07e-004	2.90e-006	3.49e-005
375	4.24e-004	7.44e-002	5.71e-003	-2.03e-004	2.05e-006	3.45e-005
376	5.41e-004	8.52e-002	5.78e-003	-2.13e-004	3.89e-006	3.89e-005
377	5.43e-004	8.40e-002	5.90e-003	-2.11e-004	3.47e-006	3.80e-005
378	7.06e-004	0.10	5.91e-003	-2.17e-004	4.24e-006	4.10e-005
379	7.06e-004	9.40e-002	6.06e-003	-2.15e-004	4.26e-006	4.03e-005
380	8.77e-004	0.11	6.01e-003	-2.16e-004	4.11e-006	4.22e-005
381	8.76e-004	0.10	6.15e-003	-2.15e-004	3.82e-006	4.19e-005
382	1.03e-003	0.12	6.09e-003	-2.15e-004	3.93e-006	4.40e-005
383	1.03e-003	0.11	6.21e-003	-2.12e-004	3.32e-006	4.35e-005
384	1.20e-003	0.13	6.16e-003	-2.16e-004	4.34e-006	4.54e-005
385	1.20e-003	0.12	6.30e-003	-2.15e-004	4.13e-006	4.46e-005
386	1.38e-003	0.14	6.21e-003	-2.14e-004	4.08e-006	4.51e-005
387	1.38e-003	0.13	6.35e-003	-2.15e-004	4.26e-006	4.44e-005
388	1.54e-003	0.15	6.24e-003	-2.09e-004	3.16e-006	4.39e-005
389	1.54e-003	0.14	6.34e-003	-2.09e-004	3.07e-006	4.35e-005
390	1.64e-003	0.15	6.25e-003	-2.03e-004	2.05e-006	4.32e-005
391	1.64e-003	0.15	6.31e-003	-2.02e-004	1.68e-006	4.27e-005
392	1.71e-003	0.16	6.25e-003	-2.00e-004	1.37e-006	4.19e-005
393	1.56e-004	4.82e-002	4.90e-003	-1.93e-004	1.44e-006	1.80e-005
394	2.52e-004	5.74e-002	5.14e-003	-2.02e-004	1.57e-006	2.51e-005
395	3.40e-004	6.69e-002	5.36e-003	-2.07e-004	1.23e-006	3.02e-005
396	4.11e-004	7.66e-002	5.53e-003	-2.10e-004	1.21e-006	3.40e-005
397	5.44e-004	8.65e-002	5.66e-003	-2.15e-004	2.89e-006	3.87e-005
398	7.05e-004	0.10	5.77e-003	-2.18e-004	3.47e-006	4.11e-005
399	8.76e-004	0.11	5.88e-003	-2.17e-004	3.31e-006	4.24e-005

400	1.03e-003	0.12	5.97e-003	-2.16e-004	2.58e-006	4.27e-005
401	1.20e-003	0.13	6.02e-003	-2.16e-004	3.75e-006	4.51e-005
402	1.38e-003	0.14	6.08e-003	-2.14e-004	3.65e-006	4.52e-005
403	1.54e-003	0.15	6.14e-003	-2.08e-004	2.73e-006	4.41e-005
404	1.64e-003	0.16	6.19e-003	-2.02e-004	1.14e-006	4.21e-005
405	-1.85e-004	4.38e-002	5.21e-003	-1.66e-004	-6.28e-007	-5.99e-005
406	-1.78e-004	4.59e-002	5.20e-003	-1.75e-004	9.62e-007	-5.86e-005
407	-1.25e-004	5.17e-002	5.51e-003	-1.75e-004	6.15e-007	-7.04e-005
408	-1.25e-004	5.42e-002	5.56e-003	-1.83e-004	2.69e-006	-7.02e-005
409	3.45e-006	6.01e-002	5.78e-003	-1.83e-004	2.22e-006	-7.97e-005
410	8.63e-007	6.29e-002	5.87e-003	-1.90e-004	4.01e-006	-7.98e-005
411	1.68e-004	6.87e-002	6.01e-003	-1.90e-004	2.69e-006	-8.78e-005
412	1.79e-004	7.18e-002	6.12e-003	-1.96e-004	3.77e-006	-8.82e-005
413	3.41e-004	7.77e-002	6.21e-003	-1.96e-004	2.94e-006	-9.47e-005
414	3.40e-004	8.10e-002	6.33e-003	-2.01e-004	4.31e-006	-9.51e-005
415	5.25e-004	8.70e-002	6.39e-003	-2.01e-004	3.23e-006	-1.01e-004
416	5.25e-004	9.05e-002	6.51e-003	-2.06e-004	4.49e-006	-1.01e-004
417	7.19e-004	0.10	6.54e-003	-2.06e-004	3.47e-006	-1.06e-004
418	7.17e-004	0.10	6.67e-003	-2.10e-004	4.61e-006	-1.07e-004
419	9.05e-004	0.11	6.66e-003	-2.10e-004	3.26e-006	-1.11e-004
420	9.11e-004	0.11	6.78e-003	-2.12e-004	3.65e-006	-1.11e-004
421	1.08e-003	0.12	6.77e-003	-2.12e-004	3.02e-006	-1.14e-004
422	1.08e-003	0.12	6.88e-003	-2.14e-004	3.97e-006	-1.14e-004
423	1.24e-003	0.13	6.86e-003	-2.15e-004	2.70e-006	-1.16e-004
424	1.24e-003	0.13	6.96e-003	-2.16e-004	3.61e-006	-1.17e-004
425	1.39e-003	0.14	6.93e-003	-2.17e-004	2.39e-006	-1.18e-004
426	1.38e-003	0.14	7.01e-003	-2.18e-004	3.18e-006	-1.18e-004
427	1.50e-003	0.15	6.98e-003	-2.18e-004	1.58e-006	-1.19e-004
428	1.50e-003	0.15	7.04e-003	-2.18e-004	1.69e-006	-1.19e-004
429	1.57e-003	0.16	7.02e-003	-2.19e-004	7.40e-007	-1.18e-004
430	-1.72e-004	4.20e-002	5.27e-003	-1.59e-004	-5.71e-007	-6.15e-005
431	-1.26e-004	4.96e-002	5.50e-003	-1.68e-004	1.79e-006	-7.03e-005
432	9.16e-007	5.77e-002	5.73e-003	-1.77e-004	2.98e-006	-7.87e-005
433	1.65e-004	6.61e-002	5.94e-003	-1.85e-004	3.37e-006	-8.64e-005
434	3.40e-004	7.49e-002	6.13e-003	-1.92e-004	3.59e-006	-9.34e-005
435	5.25e-004	8.40e-002	6.30e-003	-1.97e-004	3.83e-006	-9.94e-005
436	7.17e-004	9.33e-002	6.45e-003	-2.02e-004	3.87e-006	-1.05e-004
437	9.04e-004	0.10	6.58e-003	-2.07e-004	3.61e-006	-1.09e-004
438	1.08e-003	0.11	6.69e-003	-2.10e-004	3.41e-006	-1.13e-004
439	1.24e-003	0.12	6.78e-003	-2.13e-004	3.16e-006	-1.15e-004
440	1.38e-003	0.13	6.86e-003	-2.16e-004	2.63e-006	-1.17e-004
441	1.50e-003	0.14	6.94e-003	-2.18e-004	1.77e-006	-1.18e-004
442	2.73e-003	4.20e-002	-2.14e-003	-1.58e-004	8.36e-006	-6.18e-005
443	3.16e-003	4.96e-002	-2.34e-003	-1.67e-004	1.03e-005	-6.97e-005
444	3.66e-003	5.77e-002	-2.51e-003	-1.76e-004	1.11e-005	-7.72e-005
445	4.17e-003	6.61e-002	-2.67e-003	-1.84e-004	1.09e-005	-8.44e-005
446	4.67e-003	7.49e-002	-2.80e-003	-1.90e-004	1.04e-005	-9.11e-005
447	5.14e-003	8.40e-002	-2.91e-003	-1.96e-004	9.78e-006	-9.70e-005
448	5.57e-003	9.33e-002	-3.01e-003	-2.02e-004	8.96e-006	-1.02e-004
449	5.96e-003	0.10	-3.09e-003	-2.06e-004	7.90e-006	-1.07e-004
450	6.30e-003	0.11	-3.15e-003	-2.10e-004	6.77e-006	-1.10e-004
451	6.59e-003	0.12	-3.20e-003	-2.13e-004	5.61e-006	-1.13e-004
452	6.82e-003	0.13	-3.24e-003	-2.15e-004	4.30e-006	-1.15e-004
453	6.99e-003	0.14	-3.26e-003	-2.17e-004	2.86e-006	-1.16e-004
454	7.09e-003	0.15	-3.28e-003	-2.19e-004	1.66e-006	-1.17e-004
455	5.62e-003	4.20e-002	-9.59e-003	-1.60e-004	1.65e-005	-6.15e-005
456	6.43e-003	4.96e-002	-1.02e-002	-1.70e-004	1.79e-005	-6.93e-005
457	7.27e-003	5.77e-002	-1.08e-002	-1.78e-004	1.83e-005	-7.68e-005
458	8.12e-003	6.61e-002	-1.13e-002	-1.86e-004	1.78e-005	-8.38e-005
459	8.92e-003	7.49e-002	-1.18e-002	-1.92e-004	1.67e-005	-9.03e-005
460	9.67e-003	8.40e-002	-1.22e-002	-1.98e-004	1.53e-005	-9.62e-005
461	1.03e-002	9.33e-002	-1.25e-002	-2.03e-004	1.37e-005	-1.01e-004
462	1.09e-002	0.10	-1.28e-002	-2.07e-004	1.19e-005	-1.06e-004
463	1.15e-002	0.11	-1.30e-002	-2.11e-004	9.96e-006	-1.09e-004
464	1.19e-002	0.12	-1.32e-002	-2.14e-004	8.02e-006	-1.12e-004
465	1.22e-002	0.13	-1.34e-002	-2.16e-004	6.06e-006	-1.14e-004
466	1.24e-002	0.14	-1.35e-002	-2.18e-004	4.19e-006	-1.16e-004
467	-6.77e-004	4.18e-002	2.98e-003	-1.58e-004	-2.81e-006	-2.30e-005

468	-1.76e-003	4.18e-002	1.04e-002	-1.60e-004	-7.16e-006	-2.31e-005
469	-7.99e-004	4.95e-002	3.22e-003	-1.68e-004	-2.57e-006	-2.75e-005
470	-2.09e-003	4.95e-002	1.11e-002	-1.70e-004	-6.95e-006	-2.74e-005
471	-9.08e-004	5.76e-002	3.44e-003	-1.76e-004	-2.22e-006	-3.19e-005
472	-2.40e-003	5.76e-002	1.17e-002	-1.79e-004	-6.52e-006	-3.18e-005
473	-9.99e-004	6.60e-002	3.62e-003	-1.84e-004	-1.79e-006	-3.62e-005
474	-2.69e-003	6.60e-002	1.23e-002	-1.86e-004	-5.90e-006	-3.60e-005
475	-1.07e-003	7.48e-002	3.79e-003	-1.91e-004	-1.29e-006	-4.03e-005
476	-2.95e-003	7.48e-002	1.28e-002	-1.93e-004	-5.13e-006	-3.99e-005
477	-1.11e-003	8.39e-002	3.93e-003	-1.97e-004	-7.11e-007	-4.40e-005
478	-3.17e-003	8.39e-002	1.32e-002	-1.99e-004	-4.19e-006	-4.36e-005
479	-1.13e-003	9.33e-002	4.05e-003	-2.02e-004	-3.59e-008	-4.73e-005
480	-3.34e-003	9.33e-002	1.35e-002	-2.04e-004	-3.09e-006	-4.69e-005
481	-1.11e-003	0.10	4.15e-003	-2.06e-004	7.28e-007	-5.02e-005
482	-3.45e-003	0.10	1.38e-002	-2.08e-004	-1.86e-006	-4.97e-005
483	-1.06e-003	0.11	4.23e-003	-2.09e-004	1.55e-006	-5.25e-005
484	-3.51e-003	0.11	1.41e-002	-2.11e-004	-5.50e-007	-5.20e-005
485	-9.64e-004	0.12	4.29e-003	-2.12e-004	2.43e-006	-5.44e-005
486	-3.50e-003	0.12	1.43e-002	-2.14e-004	8.03e-007	-5.39e-005
487	-8.27e-004	0.13	4.33e-003	-2.15e-004	3.46e-006	-5.57e-005
488	-3.44e-003	0.13	1.44e-002	-2.16e-004	2.20e-006	-5.54e-005
489	-6.36e-004	0.14	4.36e-003	-2.17e-004	4.75e-006	-5.67e-005
490	-3.30e-003	0.14	1.46e-002	-2.18e-004	3.64e-006	-5.66e-005
491	-3.81e-004	0.15	4.37e-003	-2.19e-004	6.18e-006	-5.78e-005
492	3.99e-004	4.18e-002	-4.41e-003	-1.59e-004	2.39e-006	-2.28e-005
493	4.94e-004	4.95e-002	-4.63e-003	-1.69e-004	2.60e-006	-2.76e-005
494	6.00e-004	5.76e-002	-4.82e-003	-1.78e-004	2.81e-006	-3.24e-005
495	7.16e-004	6.60e-002	-5.00e-003	-1.85e-004	3.01e-006	-3.69e-005
496	8.43e-004	7.48e-002	-5.15e-003	-1.92e-004	3.20e-006	-4.12e-005
497	9.79e-004	8.39e-002	-5.29e-003	-1.98e-004	3.39e-006	-4.52e-005
498	1.12e-003	9.33e-002	-5.41e-003	-2.03e-004	3.57e-006	-4.88e-005
499	1.28e-003	0.10	-5.51e-003	-2.07e-004	3.74e-006	-5.18e-005
500	1.44e-003	0.11	-5.59e-003	-2.10e-004	3.93e-006	-5.41e-005
501	1.62e-003	0.12	-5.67e-003	-2.13e-004	4.18e-006	-5.57e-005
502	1.81e-003	0.13	-5.74e-003	-2.15e-004	4.65e-006	-5.67e-005
503	2.04e-003	0.14	-5.82e-003	-2.17e-004	5.62e-006	-5.70e-005
504	3.99e-004	4.25e-002	-4.29e-003	-1.63e-004	3.17e-006	-2.26e-005
505	4.94e-004	5.03e-002	-4.50e-003	-1.73e-004	3.35e-006	-2.77e-005
506	5.99e-004	5.85e-002	-4.70e-003	-1.81e-004	3.52e-006	-3.27e-005
507	7.16e-004	6.71e-002	-4.87e-003	-1.89e-004	3.69e-006	-3.74e-005
508	8.42e-004	7.61e-002	-5.02e-003	-1.95e-004	3.85e-006	-4.18e-005
509	9.78e-004	8.53e-002	-5.15e-003	-2.01e-004	4.01e-006	-4.59e-005
510	1.12e-003	9.47e-002	-5.26e-003	-2.05e-004	4.16e-006	-4.96e-005
511	1.28e-003	0.10	-5.36e-003	-2.09e-004	4.32e-006	-5.26e-005
512	1.44e-003	0.11	-5.44e-003	-2.12e-004	4.51e-006	-5.48e-005
513	1.62e-003	0.12	-5.51e-003	-2.14e-004	4.76e-006	-5.62e-005
514	1.81e-003	0.13	-5.57e-003	-2.16e-004	5.27e-006	-5.68e-005
515	2.03e-003	0.14	-5.62e-003	-2.17e-004	6.01e-006	-5.67e-005
516	2.32e-003	0.15	-5.66e-003	-2.20e-004	7.80e-006	-5.64e-005
517	3.98e-004	4.32e-002	-4.18e-003	-1.66e-004	2.35e-006	-2.25e-005
518	4.92e-004	5.11e-002	-4.40e-003	-1.76e-004	2.56e-006	-2.78e-005
519	5.98e-004	5.95e-002	-4.58e-003	-1.84e-004	2.78e-006	-3.29e-005
520	7.15e-004	6.83e-002	-4.75e-003	-1.91e-004	2.98e-006	-3.76e-005
521	8.42e-004	7.73e-002	-4.90e-003	-1.98e-004	3.18e-006	-4.20e-005
522	9.78e-004	8.67e-002	-5.02e-003	-2.03e-004	3.37e-006	-4.61e-005
523	1.12e-003	0.10	-5.13e-003	-2.07e-004	3.57e-006	-4.97e-005
524	1.28e-003	0.11	-5.22e-003	-2.10e-004	3.77e-006	-5.25e-005
525	1.44e-003	0.12	-5.30e-003	-2.13e-004	4.00e-006	-5.44e-005
526	1.62e-003	0.13	-5.36e-003	-2.15e-004	4.27e-006	-5.55e-005
527	1.81e-003	0.14	-5.40e-003	-2.16e-004	4.77e-006	-5.57e-005
528	2.03e-003	0.15	-5.43e-003	-2.17e-004	5.23e-006	-5.49e-005
529	3.96e-004	4.39e-002	-4.10e-003	-1.70e-004	2.21e-006	-2.24e-005
530	4.90e-004	5.21e-002	-4.30e-003	-1.80e-004	2.43e-006	-2.78e-005
531	5.96e-004	6.06e-002	-4.48e-003	-1.88e-004	2.66e-006	-3.29e-005
532	7.13e-004	6.95e-002	-4.64e-003	-1.95e-004	2.88e-006	-3.76e-005
533	8.40e-004	7.87e-002	-4.78e-003	-2.01e-004	3.07e-006	-4.18e-005
534	9.76e-004	8.82e-002	-4.90e-003	-2.06e-004	3.26e-006	-4.58e-005
535	1.12e-003	0.10	-5.00e-003	-2.10e-004	3.47e-006	-4.91e-005

536	1.28e-003	0.11	-5.09e-003	-2.12e-004	3.70e-006	-5.15e-005
537	1.44e-003	0.12	-5.16e-003	-2.14e-004	3.92e-006	-5.30e-005
538	1.62e-003	0.13	-5.21e-003	-2.15e-004	4.16e-006	-5.37e-005
539	1.81e-003	0.14	-5.24e-003	-2.15e-004	4.50e-006	-5.34e-005
540	2.02e-003	0.15	-5.25e-003	-2.16e-004	4.81e-006	-5.16e-005
541	2.25e-003	0.16	-5.25e-003	-2.16e-004	4.76e-006	-4.76e-005
542	3.94e-004	4.47e-002	-4.03e-003	-1.74e-004	1.70e-006	-2.22e-005
543	4.88e-004	5.30e-002	-4.22e-003	-1.84e-004	1.92e-006	-2.77e-005
544	5.93e-004	6.17e-002	-4.40e-003	-1.91e-004	2.19e-006	-3.29e-005
545	7.11e-004	7.08e-002	-4.55e-003	-1.98e-004	2.46e-006	-3.73e-005
546	8.39e-004	8.01e-002	-4.68e-003	-2.04e-004	2.65e-006	-4.12e-005
547	9.75e-004	8.97e-002	-4.80e-003	-2.09e-004	2.84e-006	-4.50e-005
548	1.12e-003	0.10	-4.89e-003	-2.11e-004	3.09e-006	-4.81e-005
549	1.28e-003	0.11	-4.97e-003	-2.13e-004	3.35e-006	-5.00e-005
550	1.44e-003	0.12	-5.03e-003	-2.14e-004	3.55e-006	-5.09e-005
551	1.62e-003	0.13	-5.07e-003	-2.15e-004	3.76e-006	-5.13e-005
552	1.81e-003	0.14	-5.10e-003	-2.14e-004	3.95e-006	-5.06e-005
553	2.01e-003	0.15	-5.10e-003	-2.13e-004	4.24e-006	-4.79e-005
554	2.20e-003	0.16	-5.10e-003	-2.12e-004	4.20e-006	-4.32e-005
555	3.94e-004	4.54e-002	-3.99e-003	-1.78e-004	1.53e-006	-2.20e-005
556	4.86e-004	5.39e-002	-4.17e-003	-1.87e-004	1.73e-006	-2.75e-005
557	5.90e-004	6.28e-002	-4.34e-003	-1.95e-004	2.05e-006	-3.28e-005
558	7.09e-004	7.20e-002	-4.48e-003	-2.00e-004	2.37e-006	-3.68e-005
559	8.40e-004	8.15e-002	-4.61e-003	-2.06e-004	2.52e-006	-4.01e-005
560	9.73e-004	9.12e-002	-4.71e-003	-2.11e-004	2.67e-006	-4.39e-005
561	1.12e-003	0.10	-4.80e-003	-2.13e-004	2.96e-006	-4.69e-005
562	1.28e-003	0.11	-4.87e-003	-2.14e-004	3.29e-006	-4.81e-005
563	1.45e-003	0.12	-4.92e-003	-2.15e-004	3.43e-006	-4.84e-005
564	1.62e-003	0.13	-4.96e-003	-2.15e-004	3.57e-006	-4.86e-005
565	1.80e-003	0.14	-4.98e-003	-2.13e-004	3.70e-006	-4.78e-005
566	1.99e-003	0.15	-4.98e-003	-2.10e-004	3.92e-006	-4.45e-005
567	3.94e-004	4.61e-002	-3.97e-003	-1.81e-004	8.29e-007	-2.17e-005
568	4.85e-004	5.47e-002	-4.15e-003	-1.91e-004	9.54e-007	-2.72e-005
569	5.86e-004	6.38e-002	-4.30e-003	-1.98e-004	1.40e-006	-3.26e-005
570	7.08e-004	7.31e-002	-4.44e-003	-2.02e-004	1.91e-006	-3.61e-005
571	8.41e-004	8.27e-002	-4.56e-003	-2.09e-004	1.95e-006	-3.90e-005
572	9.73e-004	9.25e-002	-4.66e-003	-2.13e-004	1.98e-006	-4.27e-005
573	1.11e-003	0.10	-4.73e-003	-2.15e-004	2.40e-006	-4.57e-005
574	1.27e-003	0.11	-4.79e-003	-2.14e-004	2.92e-006	-4.64e-005
575	1.45e-003	0.12	-4.84e-003	-2.15e-004	2.96e-006	-4.62e-005
576	1.62e-003	0.13	-4.87e-003	-2.15e-004	2.95e-006	-4.64e-005
577	1.80e-003	0.14	-4.89e-003	-2.12e-004	3.16e-006	-4.57e-005
578	1.99e-003	0.15	-4.89e-003	-2.07e-004	3.41e-006	-4.21e-005
579	2.15e-003	0.16	-4.88e-003	-2.04e-004	2.89e-006	-3.74e-005
580	3.94e-004	4.67e-002	-3.97e-003	-1.84e-004	1.39e-006	-2.19e-005
581	4.84e-004	5.55e-002	-4.15e-003	-1.94e-004	1.30e-006	-2.69e-005
582	5.85e-004	6.48e-002	-4.28e-003	-2.00e-004	1.86e-006	-3.17e-005
583	7.08e-004	7.42e-002	-4.39e-003	-2.03e-004	2.65e-006	-3.53e-005
584	8.41e-004	8.38e-002	-4.52e-003	-2.10e-004	2.40e-006	-3.83e-005
585	9.73e-004	9.37e-002	-4.62e-003	-2.15e-004	2.20e-006	-4.15e-005
586	1.11e-003	0.10	-4.68e-003	-2.15e-004	2.76e-006	-4.40e-005
587	1.27e-003	0.11	-4.71e-003	-2.12e-004	3.60e-006	-4.48e-005
588	1.45e-003	0.12	-4.77e-003	-2.14e-004	3.38e-006	-4.47e-005
589	1.62e-003	0.13	-4.81e-003	-2.14e-004	3.18e-006	-4.47e-005
590	1.80e-003	0.14	-4.81e-003	-2.10e-004	3.54e-006	-4.37e-005
591	1.98e-003	0.15	-4.79e-003	-2.03e-004	3.79e-006	-4.09e-005
592	-9.14e-005	4.67e-002	3.31e-005	-1.84e-004	-3.22e-007	-2.22e-005
593	-1.04e-004	5.55e-002	7.09e-005	-1.91e-004	-3.29e-007	-2.67e-005
594	-1.02e-004	6.48e-002	8.54e-005	-2.01e-004	3.48e-007	-3.09e-005
595	-6.16e-005	7.42e-002	1.03e-004	-2.06e-004	1.26e-006	-3.47e-005
596	2.44e-006	8.38e-002	8.20e-005	-2.11e-004	1.34e-006	-3.80e-005
597	6.95e-005	9.37e-002	6.36e-005	-2.12e-004	1.48e-006	-4.08e-005
598	1.61e-004	0.10	2.57e-005	-2.17e-004	2.37e-006	-4.28e-005
599	3.00e-004	0.11	-4.35e-006	-2.15e-004	3.49e-006	-4.39e-005
600	4.72e-004	0.12	-7.08e-005	-2.16e-004	3.72e-006	-4.42e-005
601	6.51e-004	0.13	-1.31e-004	-2.12e-004	3.94e-006	-4.38e-005
602	8.54e-004	0.14	-2.09e-004	-2.12e-004	4.66e-006	-4.25e-005
603	1.09e-003	0.15	-2.79e-004	-2.06e-004	5.13e-006	-4.05e-005

604	1.31e-003	0.16	-3.75e-004	-2.03e-004	4.41e-006	-3.78e-005
605	-9.12e-004	4.67e-002	6.81e-003	-1.87e-004	-3.79e-006	-2.22e-005
606	-1.09e-003	5.55e-002	7.22e-003	-1.95e-004	-3.63e-006	-2.65e-005
607	-1.24e-003	6.48e-002	7.48e-003	-2.04e-004	-2.69e-006	-3.06e-005
608	-1.33e-003	7.42e-002	7.48e-003	-1.88e-004	-1.55e-006	-3.42e-005
609	-1.39e-003	8.38e-002	7.86e-003	-2.14e-004	-9.91e-007	-3.77e-005
610	-1.43e-003	9.37e-002	7.99e-003	-2.16e-004	-2.42e-007	-4.03e-005
611	-1.40e-003	0.10	7.99e-003	-2.19e-004	1.28e-006	-4.21e-005
612	-1.31e-003	0.11	7.72e-003	-1.97e-004	2.89e-006	-4.31e-005
613	-1.15e-003	0.12	7.87e-003	-2.18e-004	3.79e-006	-4.37e-005
614	-9.54e-004	0.13	7.77e-003	-2.15e-004	4.71e-006	-4.32e-005
615	-7.05e-004	0.14	7.57e-003	-2.13e-004	6.04e-006	-4.20e-005
616	-4.01e-004	0.15	7.13e-003	-1.89e-004	6.88e-006	-4.00e-005
617	-3.42e-004	4.69e-002	1.08e-003	-1.85e-004	7.77e-007	2.27e-005
618	-1.19e-003	4.69e-002	-5.72e-003	-1.87e-004	-1.91e-006	2.31e-005
619	-3.23e-004	5.57e-002	1.11e-003	-1.92e-004	2.92e-007	2.63e-005
620	-1.30e-003	5.57e-002	-6.05e-003	-1.95e-004	-2.71e-006	2.64e-005
621	-3.23e-004	6.50e-002	1.16e-003	-2.01e-004	-7.41e-008	3.01e-005
622	-1.43e-003	6.50e-002	-6.24e-003	-2.03e-004	-2.98e-006	3.00e-005
623	3.41e-003	0.24	-5.47e-003	-5.15e-004	-9.43e-007	-5.11e-005
624	3.39e-003	0.24	-4.96e-003	-5.09e-004	3.59e-006	-1.27e-005
625	4.76e-003	0.26	-2.31e-003	-5.80e-004	-2.28e-005	-1.19e-004
626	-3.44e-006	2.28e-004	5.76e-005	-1.45e-006	-8.37e-007	9.46e-007
627	2.44e-003	0.26	3.40e-003	-5.81e-004	1.34e-005	-6.11e-005
628	-4.42e-005	5.57e-004	-1.86e-004	-8.59e-006	7.84e-008	1.14e-006
629	1.17e-005	1.43e-004	-2.46e-004	-9.77e-006	-6.02e-006	-1.21e-008
630	-5.84e-005	5.70e-004	-5.00e-004	-9.92e-006	3.76e-007	-1.06e-007
631	-4.31e-006	1.49e-004	1.25e-005	-1.38e-006	-1.73e-006	2.41e-007
632	7.81e-006	1.49e-004	1.48e-005	-1.43e-006	1.78e-006	-2.23e-007
633	-7.78e-006	1.65e-004	1.03e-005	-2.18e-008	2.08e-006	-8.21e-007
634	-1.16e-006	1.53e-004	6.97e-005	-3.65e-006	-1.21e-006	-1.01e-007
635	4.21e-006	1.53e-004	7.11e-005	-3.67e-006	1.13e-006	1.37e-007
636	1.25e-005	1.65e-004	7.44e-006	-2.24e-008	-1.75e-006	8.92e-007
637	6.85e-006	1.53e-004	-2.00e-005	-2.26e-006	3.09e-006	2.09e-007
638	-1.05e-005	1.53e-004	-2.11e-005	-2.35e-006	-3.16e-006	-1.92e-007
639	1.03e-005	1.62e-004	2.96e-005	-9.04e-007	-3.32e-007	-5.26e-007
640	1.52e-006	1.59e-004	-1.10e-004	-4.61e-006	1.73e-006	-2.43e-008
641	-4.77e-006	1.60e-004	-1.11e-004	-4.64e-006	-1.67e-006	5.94e-008
642	-1.50e-005	1.62e-004	3.42e-005	-9.52e-007	-5.47e-009	5.88e-007
643	5.65e-007	1.54e-004	-9.34e-006	-9.72e-007	2.41e-007	-8.03e-008
644	-1.04e-005	1.47e-004	-2.44e-004	-1.03e-005	6.19e-006	1.07e-006
645	-2.02e-005	1.23e-004	3.76e-004	-1.34e-005	1.54e-006	-6.80e-007
646	2.95e-005	5.77e-004	7.46e-004	-8.12e-006	-3.53e-007	-1.50e-007
647	7.35e-006	5.99e-004	7.16e-004	-9.75e-006	7.32e-007	1.29e-006
648	-5.76e-005	1.56e-004	5.24e-004	-1.13e-005	6.93e-006	-1.87e-006
649	2.24e-005	1.33e-004	4.36e-004	-1.20e-005	-4.33e-006	1.03e-006
650	-5.56e-006	6.38e-004	6.95e-004	-1.07e-005	4.09e-007	1.06e-006
651	1.95e-005	1.21e-004	3.66e-004	-1.31e-005	-1.02e-006	4.82e-007
652	-1.75e-005	1.34e-004	4.36e-004	-1.18e-005	4.46e-006	-1.04e-006
653	1.19e-005	5.74e-004	7.04e-004	-9.23e-006	-1.73e-007	-1.56e-006
654	2.68e-005	6.24e-004	6.96e-004	-1.05e-005	-9.82e-008	-1.45e-006
655	5.44e-005	1.47e-004	4.92e-004	-1.10e-005	-6.12e-006	1.45e-006
656	-1.33e-005	5.47e-004	7.04e-004	-7.73e-006	1.35e-006	2.92e-007
657	-1.80e-005	1.21e-004	-4.02e-004	-1.46e-005	7.24e-008	3.25e-007
658	1.23e-005	1.21e-004	-5.02e-004	-1.26e-005	-5.43e-006	-1.61e-007
659	-3.77e-005	5.97e-004	-7.44e-004	-8.82e-006	5.54e-007	8.79e-007
660	-5.80e-005	5.77e-004	-7.10e-004	-8.89e-006	5.42e-007	3.34e-007
661	-4.91e-005	1.42e-004	-5.12e-004	-1.32e-005	5.82e-006	1.40e-006
662	-1.92e-005	6.16e-004	-8.00e-004	-8.50e-006	6.54e-007	3.31e-007
663	1.86e-005	1.18e-004	-3.93e-004	-1.42e-005	-5.96e-007	-5.50e-007
664	4.40e-005	1.43e-004	-5.12e-004	-1.30e-005	-5.95e-006	-1.41e-006
665	1.79e-005	5.67e-004	-7.34e-004	-8.13e-006	-1.16e-006	-1.10e-006
666	-2.59e-006	5.97e-004	-8.03e-004	-8.02e-006	-9.47e-007	-7.69e-007
667	-8.96e-006	1.11e-004	-4.72e-004	-1.23e-005	4.66e-006	-2.48e-007
668	4.03e-005	5.45e-004	-6.67e-004	-8.77e-006	-1.50e-006	-9.25e-008
669	1.56e-005	1.56e-004	5.53e-004	-1.13e-005	-1.95e-006	3.81e-007
670	2.38e-007	6.66e-004	7.04e-004	-1.15e-005	2.85e-007	3.64e-007
671	-7.40e-006	1.56e-004	5.53e-004	-1.13e-005	1.94e-006	-3.10e-007

672	2.22e-005	6.62e-004	7.05e-004	-1.14e-005	-7.94e-008	-6.57e-007
673	-2.64e-005	1.67e-004	-6.67e-004	-1.25e-005	2.56e-006	5.07e-007
674	-9.46e-006	6.23e-004	-8.66e-004	-8.33e-006	2.10e-007	-1.77e-008
675	1.77e-005	1.67e-004	-6.67e-004	-1.25e-005	-2.53e-006	-4.32e-007
676	-1.36e-005	6.17e-004	-8.69e-004	-8.18e-006	-3.92e-007	-3.80e-007
677	-1.64e-005	1.31e-004	-2.23e-004	-9.32e-006	5.26e-006	-4.53e-007
678	6.77e-003	0.20	-2.89e-003	-4.13e-004	-1.20e-005	-1.19e-004
679	1.09e-003	0.20	3.98e-003	-4.13e-004	1.08e-005	-6.11e-005
680	-1.46e-005	1.96e-004	-1.22e-005	-2.64e-006	2.69e-006	5.44e-007
681	3.28e-003	0.29	7.15e-004	-4.09e-005	5.29e-007	-6.92e-008
682	-6.61e-007	1.54e-004	-9.02e-006	-9.96e-007	-2.61e-007	1.32e-007
683	-7.03e-007	1.40e-004	1.96e-004	-9.03e-006	-4.68e-006	6.51e-007
684	-8.62e-006	1.65e-004	-4.01e-004	-1.11e-005	2.75e-006	4.06e-007
685	5.62e-006	1.48e-004	-2.47e-004	-1.03e-005	-6.24e-006	-1.10e-006
686	2.75e-006	1.66e-004	-4.02e-004	-1.11e-005	-2.66e-006	-3.41e-007
687	5.27e-006	1.40e-004	1.99e-004	-8.95e-006	4.73e-006	-6.89e-007
688	-3.22e-006	1.79e-004	3.12e-005	8.68e-007	-8.88e-007	8.99e-007
689	-2.32e-006	1.58e-004	7.14e-006	4.35e-007	-6.85e-007	1.69e-007
690	3.13e-006	1.77e-004	2.98e-005	7.04e-007	8.77e-007	-8.25e-007
691	2.22e-006	1.58e-004	6.19e-006	4.45e-007	6.66e-007	-1.10e-007
692	4.08e-006	1.54e-004	3.16e-004	-9.74e-006	-2.14e-006	2.36e-007
693	1.50e-006	1.55e-004	3.17e-004	-9.72e-006	2.06e-006	-1.70e-007
694	0.00	0.00	0.00	0.00	0.00	0.00
695	0.00	0.00	0.00	0.00	0.00	0.00
696	2.56e-003	0.18	-4.95e-003	-2.12e-004	4.97e-006	-2.31e-005
697	3.35e-003	0.18	-5.46e-003	-2.42e-004	9.61e-006	-6.77e-005
698	3.23e-003	0.29	6.47e-003	-2.20e-004	2.96e-005	-4.14e-006
699	3.30e-003	0.29	5.61e-003	-1.84e-004	-2.74e-005	3.84e-006
700	3.27e-003	0.29	-4.12e-003	-1.85e-004	3.10e-005	2.79e-006
701	3.33e-003	0.29	-5.35e-003	-2.19e-004	-2.02e-005	-3.09e-006
702	3.32e-003	0.29	-5.49e-003	-1.02e-004	5.54e-006	-3.31e-006
703	3.29e-003	0.29	-4.96e-003	-9.21e-005	6.66e-006	3.27e-006
704	1.65e-003	0.19	6.28e-003	-2.13e-004	-2.70e-006	4.21e-005
705	1.57e-003	0.18	7.04e-003	-2.38e-004	-1.11e-006	-1.10e-004
706	3.25e-003	0.29	7.03e-003	-1.07e-004	-1.54e-006	-4.54e-006
707	3.28e-003	0.29	6.31e-003	-8.96e-005	-6.81e-006	4.49e-006
708	1.89e-006	0.18	-2.51e-003	-1.59e-004	1.01e-006	2.81e-005
709	1.04e-003	0.18	4.02e-003	-1.60e-004	6.31e-006	-3.33e-005
710	3.26e-003	0.29	3.08e-003	-7.92e-005	-9.39e-005	-2.69e-007

SPOSTAMENTI NODALI "Vx" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	1.30e-004	-9.32e-006	1.05e-004	1.39e-006	1.01e-005	-9.82e-007
2	6.97e-002	3.61e-003	-6.56e-004	-4.60e-006	9.65e-005	-2.23e-005
3	6.98e-002	4.35e-003	2.67e-003	-4.45e-006	9.91e-005	-2.09e-005
4	1.30e-004	8.57e-006	-1.05e-004	-1.68e-006	1.04e-005	-1.19e-006
5	7.32e-002	3.79e-003	-6.36e-004	-5.03e-006	9.26e-005	-2.28e-005
6	6.61e-002	2.80e-003	-3.55e-003	-2.87e-006	9.73e-005	-2.19e-005
7	6.97e-002	2.91e-003	-3.53e-003	-3.33e-006	9.52e-005	-2.39e-005
8	6.72e-002	2.80e-003	-3.67e-003	-2.89e-006	9.90e-005	-2.31e-005
9	7.09e-002	2.92e-003	-3.68e-003	-2.78e-006	1.00e-004	-2.57e-005
10	7.47e-002	3.04e-003	-3.68e-003	-3.57e-006	1.07e-004	-2.80e-005
11	1.75e-004	5.17e-006	1.67e-004	1.73e-006	1.41e-005	1.07e-007
12	6.83e-002	2.80e-003	-3.81e-003	-3.16e-006	1.01e-004	-2.35e-005
13	7.21e-002	2.92e-003	-3.83e-003	-3.43e-006	1.03e-004	-2.54e-005
14	1.75e-004	-5.38e-006	-1.67e-004	-1.35e-006	1.45e-005	3.96e-007
15	5.21e-002	2.82e-003	-6.29e-003	-4.42e-006	7.02e-005	-2.35e-006
16	5.20e-002	2.82e-003	-6.09e-003	-4.12e-006	7.19e-005	-1.78e-006
17	1.62e-003	1.62e-004	-1.20e-003	-2.37e-006	1.72e-005	5.38e-007
18	5.48e-002	3.00e-003	-6.30e-003	-5.15e-006	7.52e-005	-5.11e-007
19	5.48e-002	3.00e-003	-6.06e-003	-5.40e-006	7.70e-005	-5.51e-007
20	5.77e-002	3.22e-003	-6.30e-003	-6.06e-006	8.45e-005	6.08e-007
21	5.23e-002	2.81e-003	-6.51e-003	-4.93e-006	6.89e-005	-4.74e-006
22	5.49e-002	3.00e-003	-6.59e-003	-6.01e-006	7.19e-005	-3.43e-006
23	5.22e-002	3.00e-003	-4.47e-003	-3.38e-006	6.90e-005	-8.74e-006
24	5.49e-002	3.14e-003	-4.45e-003	-4.12e-006	7.06e-005	-6.36e-006
25	5.76e-002	3.33e-003	-4.46e-003	-5.77e-006	7.19e-005	-4.71e-006

26	5.23e-002	3.32e-003	-2.41e-003	1.80e-007	7.02e-005	-1.18e-005
27	5.49e-002	3.36e-003	-2.31e-003	-2.30e-006	7.17e-005	-7.64e-006
28	2.63e-003	3.08e-004	-1.54e-003	-3.13e-006	2.13e-005	2.16e-006
29	5.28e-002	5.12e-003	5.17e-003	-2.07e-006	8.03e-005	3.29e-005
30	5.28e-002	6.00e-003	2.76e-003	-1.25e-005	8.29e-005	2.71e-005
31	5.59e-002	5.13e-003	5.14e-003	1.76e-006	8.44e-005	4.21e-005
32	5.59e-002	6.31e-003	2.58e-003	-4.41e-006	8.67e-005	3.84e-005
33	5.92e-002	4.98e-003	5.13e-003	5.18e-006	8.58e-005	4.82e-005
34	5.28e-002	3.98e-003	7.53e-003	5.11e-006	8.03e-005	4.29e-005
35	5.59e-002	3.73e-003	7.69e-003	9.10e-006	8.68e-005	5.16e-005
36	5.38e-002	3.98e-003	7.42e-003	5.00e-006	8.54e-005	4.82e-005
37	5.71e-002	3.73e-003	7.49e-003	8.36e-006	9.33e-005	5.85e-005
38	2.63e-003	-3.80e-004	2.23e-003	7.07e-006	2.23e-005	2.98e-006
39	2.73e-003	-3.62e-004	1.75e-003	7.39e-006	2.38e-005	-9.03e-007
40	6.08e-002	3.35e-003	7.52e-003	1.15e-005	1.05e-004	7.25e-005
41	5.57e-002	3.97e-003	7.26e-003	4.51e-006	9.51e-005	5.20e-005
42	5.95e-002	3.74e-003	7.17e-003	7.85e-006	1.07e-004	6.47e-005
43	6.57e-002	3.67e-003	4.43e-003	1.89e-006	9.35e-005	2.28e-005
44	1.70e-003	4.09e-004	-1.22e-003	-3.23e-006	1.83e-005	-1.94e-006
45	2.25e-003	3.93e-004	-1.53e-003	-5.74e-006	1.82e-005	-7.34e-006
46	2.37e-003	3.91e-004	-1.67e-003	-7.40e-006	2.02e-005	-6.19e-006
47	2.63e-003	3.48e-004	-2.17e-003	-4.43e-006	2.22e-005	3.56e-007
48	2.23e-003	-4.02e-004	1.30e-003	2.10e-006	2.12e-005	-9.65e-006
49	1.72e-003	-4.02e-004	1.29e-003	1.58e-006	1.88e-005	-5.36e-006
50	6.48e-002	3.66e-003	4.50e-003	2.49e-006	8.71e-005	2.47e-005
51	6.91e-002	3.57e-003	4.44e-003	2.57e-006	9.30e-005	2.75e-005
52	6.80e-002	3.57e-003	4.56e-003	2.71e-006	8.68e-005	3.25e-005
53	7.27e-002	3.42e-003	4.44e-003	3.29e-006	1.01e-004	2.73e-005
54	2.63e-003	-1.73e-004	1.01e-003	2.72e-006	2.13e-005	3.89e-006
55	2.63e-003	2.26e-004	-9.36e-004	-2.08e-006	2.14e-005	3.25e-006
56	1.63e-003	-4.43e-004	2.61e-004	3.81e-006	1.61e-005	3.26e-006
57	1.61e-003	2.75e-004	-2.08e-004	-2.60e-006	1.49e-005	5.44e-006
58	0.13	-1.05e-002	7.18e-003	1.84e-005	7.06e-005	1.32e-004
59	0.14	-1.05e-002	4.63e-003	1.43e-005	5.75e-005	1.23e-004
60	0.14	1.73e-002	-3.76e-003	-1.42e-005	5.61e-005	1.25e-004
61	2.28e-002	7.28e-004	3.71e-003	-9.55e-006	7.97e-005	-1.06e-005
62	2.32e-002	7.29e-004	3.40e-003	-6.55e-006	7.98e-005	-1.17e-005
63	0.13	-3.62e-003	3.47e-003	2.15e-006	6.50e-005	1.29e-004
64	0.14	-3.72e-003	1.80e-003	3.10e-005	4.26e-005	1.26e-004
65	0.13	1.05e-002	-2.90e-003	-5.20e-006	5.91e-005	1.29e-004
66	0.14	1.05e-002	-1.00e-003	-3.28e-005	4.17e-005	1.26e-004
67	0.38	1.95e-003	0.00	1.40e-005	3.35e-006	-3.21e-004
68	0.38	5.91e-003	0.00	-1.62e-005	3.35e-006	-3.17e-004
69	0.17	2.36e-003	-3.29e-003	1.40e-005	4.44e-005	-1.26e-003
70	0.27	2.11e-003	-2.24e-003	1.40e-005	3.02e-005	-9.78e-004
71	9.23e-004	5.61e-005	-1.18e-003	-1.34e-006	1.29e-005	4.69e-007
72	1.81e-004	-6.31e-005	-7.26e-004	-6.40e-006	1.59e-005	-1.74e-006
73	0.34	1.99e-003	-1.19e-003	1.40e-005	1.61e-005	-5.92e-004
74	0.17	5.50e-003	3.81e-003	-1.62e-005	4.44e-005	-1.26e-003
75	1.67e-003	-1.43e-004	1.62e-003	3.96e-006	1.77e-005	1.80e-006
76	1.63e-003	-1.45e-004	1.72e-003	3.35e-006	1.72e-005	1.42e-006
77	2.70e-003	-3.65e-004	2.07e-003	6.25e-006	2.32e-005	2.34e-006
78	8.65e-004	5.72e-005	-1.10e-003	-2.61e-006	1.23e-005	-2.31e-006
79	1.23e-004	-4.69e-005	-5.39e-004	-2.68e-006	1.60e-005	-1.64e-006
80	1.70e-003	-1.59e-004	1.45e-003	3.88e-006	1.75e-005	-3.54e-007
81	0.27	5.75e-003	2.59e-003	-1.62e-005	3.02e-005	-9.77e-004
82	6.98e-004	6.76e-005	-8.83e-004	-3.49e-006	9.01e-006	-3.60e-006
83	1.27e-004	3.78e-005	5.31e-004	2.22e-006	1.59e-005	-1.59e-006
84	1.10e-003	-2.53e-004	1.02e-003	3.20e-006	1.16e-005	-6.24e-006
85	1.88e-003	-4.07e-004	1.30e-003	1.41e-006	1.98e-005	-8.74e-006
86	6.13e-004	-7.86e-005	7.67e-004	3.33e-006	8.60e-006	-3.75e-006
87	1.77e-004	5.38e-005	7.03e-004	6.05e-006	1.55e-005	-1.68e-006
88	9.90e-004	-2.56e-004	9.40e-004	3.81e-006	1.05e-005	-3.64e-006
89	0.34	5.87e-003	1.38e-003	-1.62e-005	1.61e-005	-5.92e-004
90	7.54e-004	-8.00e-005	9.04e-004	3.05e-006	1.09e-005	-3.45e-006
91	2.12e-004	2.24e-005	8.77e-004	1.49e-006	1.64e-005	-3.20e-007
92	1.60e-003	-1.92e-004	1.26e-003	3.56e-006	1.63e-005	-4.31e-006
93	2.58e-003	-3.69e-004	1.44e-003	4.81e-006	2.29e-005	-6.33e-006

94	8.81e-004	-5.68e-005	1.05e-003	2.41e-006	1.35e-005	-2.23e-006
95	2.00e-004	-1.39e-005	8.24e-004	-3.51e-006	1.96e-005	1.05e-006
96	1.35e-003	-2.30e-004	1.12e-003	2.95e-006	1.39e-005	-6.95e-006
97	0.37	1.95e-003	-2.45e-004	1.40e-005	3.35e-006	-3.20e-004
98	2.67e-002	1.15e-003	3.87e-003	-1.03e-005	8.65e-005	-1.01e-005
99	2.71e-002	1.15e-003	3.50e-003	-9.63e-006	8.55e-005	-1.06e-005
100	9.83e-004	-3.05e-004	6.04e-004	4.12e-006	1.07e-005	2.99e-007
101	1.69e-003	-4.83e-004	7.44e-004	2.73e-006	1.86e-005	-3.25e-007
102	3.08e-002	1.61e-003	4.00e-003	-1.02e-005	9.15e-005	-8.56e-006
103	3.11e-002	1.61e-003	3.63e-003	-9.60e-006	8.99e-005	-8.93e-006
104	9.82e-004	-2.58e-004	3.08e-004	3.87e-006	8.31e-006	2.82e-006
105	0.37	5.91e-003	2.83e-004	-1.62e-005	3.35e-006	-3.15e-004
106	3.52e-002	2.06e-003	4.11e-003	-9.95e-006	9.42e-005	-6.34e-006
107	3.54e-002	2.06e-003	3.75e-003	-9.36e-006	9.22e-005	-6.55e-006
108	9.94e-004	-1.36e-004	7.95e-005	2.17e-006	7.70e-006	4.39e-006
109	1.39e-003	-2.44e-004	6.88e-005	2.08e-006	2.78e-006	7.88e-006
110	7.32e-002	2.75e-003	-4.24e-003	1.40e-005	5.71e-005	-1.27e-003
111	3.96e-002	2.48e-003	4.19e-003	-9.31e-006	9.60e-005	-3.91e-006
112	3.97e-002	2.47e-003	3.89e-003	-6.40e-006	9.41e-005	-3.32e-006
113	9.95e-004	1.91e-005	-5.08e-005	-2.14e-007	7.72e-006	4.67e-006
114	1.39e-003	3.36e-005	-3.92e-005	-3.11e-007	2.67e-006	8.38e-006
115	4.41e-002	2.87e-003	4.27e-003	-8.95e-006	9.83e-005	-1.08e-006
116	4.41e-002	2.88e-003	3.95e-003	-8.70e-006	9.59e-005	-1.17e-006
117	9.83e-004	1.61e-004	-2.74e-004	-2.28e-006	8.12e-006	3.65e-006
118	7.32e-002	5.11e-003	4.90e-003	-1.62e-005	5.74e-005	-1.26e-003
119	4.87e-002	3.25e-003	4.33e-003	-7.18e-006	9.90e-005	2.60e-006
120	4.86e-002	3.25e-003	4.06e-003	-7.18e-006	9.56e-005	2.55e-006
121	9.83e-004	2.41e-004	-5.71e-004	-3.25e-006	1.09e-005	1.57e-006
122	1.67e-003	3.95e-004	-6.71e-004	-2.85e-006	1.83e-005	2.60e-006
123	5.33e-002	3.54e-003	4.37e-003	-5.29e-006	9.76e-005	7.23e-006
124	5.30e-002	3.53e-003	4.19e-003	-5.09e-006	9.34e-005	7.55e-006
125	9.89e-004	2.36e-004	-9.18e-004	-4.16e-006	1.06e-005	-2.09e-006
126	5.78e-002	3.69e-003	4.40e-003	-2.32e-006	9.55e-005	1.21e-005
127	5.73e-002	3.70e-003	4.34e-003	1.75e-007	9.15e-005	1.44e-005
128	6.22e-002	3.71e-003	4.42e-003	-5.04e-008	9.46e-005	1.75e-005
129	1.19e-003	2.24e-004	-1.12e-003	-3.54e-006	1.14e-005	-5.85e-006
130	1.92e-003	4.07e-004	-1.35e-003	-2.87e-006	1.79e-005	-6.66e-006
131	5.93e-002	3.35e-003	7.79e-003	1.28e-005	9.98e-005	6.29e-005
132	6.37e-002	3.34e-003	7.08e-003	1.55e-005	1.22e-004	8.35e-005
133	1.49e-003	1.94e-004	-1.35e-003	-3.99e-006	1.37e-005	-4.36e-006
134	7.33e-002	3.05e-003	-3.53e-003	-4.51e-006	1.02e-004	-2.73e-005
135	7.59e-002	3.05e-003	-3.84e-003	-3.93e-006	1.05e-004	-2.59e-005
136	0.37	4.03e-003	1.92e-005	-1.09e-006	3.28e-006	1.21e-004
137	5.77e-002	3.19e-003	-6.06e-003	-4.74e-006	8.06e-005	-9.80e-007
138	5.77e-002	3.25e-003	-6.65e-003	-9.11e-006	8.09e-005	-3.68e-007
139	7.14e-002	3.38e-003	4.64e-003	1.04e-005	1.01e-004	4.79e-005
140	1.63e-003	1.74e-004	-1.56e-003	-2.85e-006	1.62e-005	-8.73e-007
141	2.58e-003	3.63e-004	-1.97e-003	-3.68e-006	2.19e-005	-2.84e-006
142	7.33e-002	3.43e-003	4.38e-003	4.59e-006	1.04e-004	2.26e-005
143	5.92e-002	6.32e-003	2.49e-003	2.35e-006	9.27e-005	4.34e-005
144	1.63e-003	1.76e-004	-1.71e-003	-3.19e-006	1.77e-005	4.03e-007
145	0.34	3.93e-003	9.32e-005	-1.09e-006	1.61e-005	2.60e-004
146	5.76e-002	3.50e-003	-2.22e-003	-5.08e-006	7.96e-005	-6.11e-006
147	7.31e-002	4.66e-003	-1.48e-003	4.42e-006	6.38e-005	1.50e-005
148	1.62e-003	-1.13e-004	1.23e-003	1.98e-006	1.68e-005	7.79e-007
149	2.63e-003	-2.83e-004	1.61e-003	4.61e-006	2.12e-005	3.35e-006
150	7.31e-002	4.51e-003	2.37e-003	-4.30e-006	6.37e-005	-1.83e-005
151	6.62e-002	4.23e-003	1.53e-003	1.64e-008	9.53e-005	1.74e-005
152	1.61e-003	-7.85e-005	7.66e-004	8.88e-007	1.64e-005	1.42e-006
153	0.27	3.94e-003	1.75e-004	-1.09e-006	3.02e-005	4.55e-004
154	6.62e-002	3.66e-003	4.40e-003	2.05e-006	9.61e-005	2.03e-005
155	6.97e-002	4.18e-003	1.53e-003	2.42e-006	9.56e-005	1.88e-005
156	1.60e-003	-1.31e-005	2.71e-004	-2.46e-009	1.59e-005	2.23e-006
157	2.62e-003	-3.54e-005	3.64e-004	8.39e-007	2.11e-005	4.20e-006
158	0.17	3.89e-003	2.58e-004	-1.09e-006	4.44e-005	6.01e-004
159	6.97e-002	3.56e-003	4.37e-003	3.39e-006	9.44e-005	2.32e-005
160	7.32e-002	4.06e-003	1.50e-003	3.99e-006	9.16e-005	1.95e-005
161	1.60e-003	6.63e-005	-2.11e-004	-7.57e-007	1.60e-005	2.25e-006

162	2.63e-003	1.03e-004	-2.81e-004	-7.07e-007	2.11e-005	3.99e-006
163	6.62e-002	4.81e-003	-1.85e-003	-1.39e-006	9.59e-005	1.62e-005
164	6.98e-002	4.79e-003	-1.77e-003	2.07e-006	9.85e-005	1.68e-005
165	1.61e-003	1.32e-004	-7.14e-004	-1.53e-006	1.66e-005	1.42e-006
166	7.32e-002	4.01e-003	3.25e-004	-1.09e-006	5.70e-005	6.11e-004
167	6.62e-002	3.45e-003	-6.54e-004	-3.94e-006	9.63e-005	-2.15e-005
168	6.62e-002	4.19e-003	2.76e-003	-4.50e-006	9.70e-005	-2.09e-005
169	3.84e-003	-7.18e-004	2.70e-003	7.57e-006	2.66e-005	5.84e-006
170	4.03e-003	-7.50e-004	2.10e-003	1.63e-005	2.96e-005	-2.76e-007
171	2.86e-003	5.34e-004	-1.52e-003	-1.14e-006	2.82e-005	-4.58e-007
172	3.19e-003	5.38e-004	-1.65e-003	-1.61e-006	2.14e-005	-4.76e-006
173	3.65e-003	5.44e-004	-2.19e-003	-2.28e-006	3.01e-005	-3.65e-006
174	3.83e-003	5.26e-004	-2.58e-003	-3.94e-006	2.62e-005	1.13e-006
175	3.43e-003	-4.34e-004	1.45e-003	-4.59e-006	2.77e-005	-9.88e-006
176	2.92e-003	-4.07e-004	1.66e-003	-2.22e-006	2.89e-005	-6.18e-006
177	3.83e-003	-3.09e-004	1.24e-003	2.48e-006	2.53e-005	7.20e-006
178	3.83e-003	3.24e-004	-1.13e-003	-1.91e-006	2.52e-005	5.02e-006
179	2.92e-003	-5.93e-004	1.41e-005	1.09e-006	3.07e-005	-1.61e-006
180	2.86e-003	3.99e-004	9.51e-005	-1.38e-006	2.97e-005	3.56e-006
181	3.95e-003	-7.27e-004	2.55e-003	6.48e-006	2.78e-005	4.12e-006
182	3.82e-003	-6.41e-004	1.47e-003	6.83e-006	2.70e-005	-8.03e-006
183	3.08e-003	-4.10e-004	1.59e-003	-2.41e-006	2.89e-005	-8.72e-006
184	2.90e-003	-5.35e-004	8.69e-004	-4.85e-007	2.82e-005	-2.68e-006
185	2.84e-003	4.98e-004	-7.41e-004	-1.35e-006	2.76e-005	2.64e-006
186	2.98e-003	5.40e-004	-1.56e-003	-1.79e-006	2.52e-005	-4.25e-006
187	3.80e-003	5.43e-004	-2.36e-003	-3.84e-006	2.79e-005	-2.38e-006
188	3.83e-003	4.53e-004	-1.85e-003	-2.67e-006	2.51e-005	3.54e-006
189	3.83e-003	1.39e-004	-3.35e-004	-7.93e-007	2.50e-005	6.10e-006
190	3.83e-003	-7.57e-005	4.48e-004	6.25e-007	2.49e-005	6.81e-006
191	0.00	0.00	0.00	0.00	0.00	0.00
192	0.00	0.00	0.00	0.00	0.00	0.00
193	3.84e-003	-5.22e-004	1.95e-003	4.47e-006	2.51e-005	7.05e-006
194	9.07e-003	-7.50e-004	4.05e-003	-2.03e-006	3.81e-005	1.20e-005
195	9.82e-003	-7.45e-004	4.13e-003	-2.37e-006	3.99e-005	1.29e-005
196	7.95e-003	8.45e-004	-1.91e-003	-4.30e-006	2.55e-005	7.96e-006
197	7.27e-003	8.58e-004	-2.28e-003	-3.92e-006	2.39e-005	6.36e-006
198	9.39e-003	1.05e-003	-3.40e-003	-3.64e-006	3.99e-005	2.84e-006
199	9.06e-003	1.05e-003	-3.82e-003	-4.20e-006	3.81e-005	4.51e-006
200	8.34e-003	-1.53e-004	2.24e-003	-1.10e-006	2.46e-005	-6.43e-006
201	8.01e-003	-1.43e-004	2.25e-003	8.66e-008	2.45e-005	-4.13e-006
202	9.07e-003	-1.05e-004	1.89e-003	-3.17e-006	3.70e-005	9.74e-006
203	9.07e-003	7.19e-004	-1.66e-003	-3.33e-006	3.71e-005	6.60e-006
204	8.11e-003	-2.53e-004	8.79e-004	-1.89e-006	1.76e-005	9.49e-007
205	8.06e-003	3.85e-004	-4.77e-004	-2.43e-006	1.98e-005	7.92e-006
206	4.32e-003	-4.65e-004	9.93e-004	-2.27e-006	3.10e-005	-4.27e-006
207	4.32e-003	-3.11e-004	1.92e-003	-3.16e-006	3.37e-005	-6.27e-006
208	5.82e-003	-3.58e-004	1.17e-003	-2.34e-006	3.12e-005	-4.10e-006
209	5.82e-003	-2.15e-004	2.10e-003	-2.29e-006	3.38e-005	-5.71e-006
210	7.25e-003	-2.68e-004	1.38e-003	-1.54e-006	2.87e-005	-2.83e-006
211	7.22e-003	-1.57e-004	2.21e-003	-1.05e-006	2.94e-005	-4.60e-006
212	8.03e-003	-2.35e-004	1.50e-003	-6.60e-007	2.52e-005	-1.94e-006
213	4.32e-003	-5.75e-004	2.79e-005	-1.79e-006	3.53e-005	-3.46e-006
214	5.81e-003	-4.66e-004	1.93e-004	-2.97e-006	3.52e-005	-3.46e-006
215	7.25e-003	-3.32e-004	5.02e-004	-3.01e-006	3.26e-005	-1.75e-006
216	4.23e-003	5.22e-004	-8.05e-004	-6.66e-008	3.06e-005	3.26e-006
217	4.23e-003	4.13e-004	1.47e-004	6.47e-007	3.46e-005	3.76e-006
218	5.71e-003	5.17e-004	-9.16e-004	-9.27e-008	3.14e-005	4.78e-006
219	5.71e-003	3.70e-004	6.34e-005	1.07e-006	3.52e-005	4.96e-006
220	7.16e-003	5.47e-004	-1.06e-003	-1.60e-006	2.94e-005	6.56e-006
221	7.16e-003	3.49e-004	-1.60e-004	-3.37e-007	3.34e-005	6.65e-006
222	7.98e-003	6.16e-004	-1.14e-003	-3.20e-006	2.61e-005	7.50e-006
223	4.23e-003	6.01e-004	-1.72e-003	-1.50e-007	3.31e-005	1.86e-006
224	5.71e-003	6.56e-004	-1.86e-003	-5.13e-007	3.40e-005	4.41e-006
225	7.14e-003	7.46e-004	-1.91e-003	-2.19e-006	3.03e-005	6.83e-006
226	4.19e-003	6.01e-004	-1.74e-003	-1.38e-006	2.97e-005	-3.55e-007
227	5.53e-003	6.59e-004	-1.88e-003	-1.71e-006	3.05e-005	3.35e-006
228	6.82e-003	7.52e-004	-2.02e-003	-2.91e-006	2.77e-005	6.29e-006
229	7.58e-003	8.51e-004	-2.10e-003	-3.78e-006	2.48e-005	7.39e-006

230	4.23e-003	6.05e-004	-1.80e-003	-1.22e-006	2.56e-005	-9.11e-007
231	5.39e-003	6.60e-004	-1.97e-003	-1.49e-006	2.70e-005	2.65e-006
232	6.55e-003	7.68e-004	-2.15e-003	-2.98e-006	2.54e-005	5.30e-006
233	5.11e-003	6.68e-004	-2.72e-003	-3.92e-006	3.15e-005	-4.06e-007
234	5.06e-003	6.66e-004	-2.56e-003	-2.57e-006	3.37e-005	-1.20e-006
235	6.56e-003	8.01e-004	-3.07e-003	-3.89e-006	3.45e-005	1.35e-006
236	6.61e-003	8.01e-004	-2.89e-003	-2.74e-006	3.62e-005	7.16e-007
237	8.14e-003	9.45e-004	-3.39e-003	-4.17e-006	3.72e-005	2.66e-006
238	8.25e-003	9.34e-004	-3.21e-003	-3.06e-006	3.85e-005	2.15e-006
239	9.25e-003	1.05e-003	-3.59e-003	-4.28e-006	3.90e-005	3.30e-006
240	5.07e-003	6.68e-004	-2.94e-003	-3.56e-006	2.95e-005	2.32e-006
241	6.46e-003	8.02e-004	-3.28e-003	-3.70e-006	3.28e-005	3.35e-006
242	7.98e-003	9.46e-004	-3.61e-003	-3.95e-006	3.60e-005	4.12e-006
243	5.07e-003	5.66e-004	-2.10e-003	-2.39e-006	2.84e-005	4.44e-006
244	6.46e-003	6.77e-004	-2.35e-003	-2.62e-006	3.17e-005	4.98e-006
245	7.98e-003	8.05e-004	-2.58e-003	-3.10e-006	3.48e-005	5.28e-006
246	9.06e-003	9.02e-004	-2.73e-003	-3.43e-006	3.69e-005	5.62e-006
247	5.07e-003	4.09e-004	-1.28e-003	-2.01e-006	2.87e-005	6.01e-006
248	6.46e-003	5.06e-004	-1.43e-003	-2.47e-006	3.19e-005	6.42e-006
249	7.98e-003	6.27e-004	-1.57e-003	-3.01e-006	3.51e-005	6.56e-006
250	5.07e-003	1.87e-004	-3.77e-004	-1.45e-006	2.84e-005	7.34e-006
251	6.46e-003	2.70e-004	-4.15e-004	-2.33e-006	3.17e-005	7.76e-006
252	7.99e-003	3.88e-004	-4.50e-004	-3.00e-006	3.48e-005	7.76e-006
253	9.07e-003	4.80e-004	-4.70e-004	-3.31e-006	3.68e-005	7.74e-006
254	5.07e-003	-7.41e-005	5.22e-004	-7.92e-007	2.84e-005	8.40e-006
255	6.46e-003	-6.14e-006	5.94e-004	-2.25e-006	3.16e-005	8.84e-006
256	7.99e-003	1.12e-004	6.64e-004	-3.04e-006	3.48e-005	8.78e-006
257	9.07e-003	2.04e-004	7.09e-004	-3.30e-006	3.68e-005	8.78e-006
258	5.08e-003	-3.66e-004	1.42e-003	7.11e-010	2.86e-005	9.21e-006
259	6.46e-003	-3.14e-004	1.60e-003	-2.22e-006	3.18e-005	9.63e-006
260	7.99e-003	-1.95e-004	1.78e-003	-3.04e-006	3.50e-005	9.61e-006
261	5.08e-003	-6.45e-004	2.24e-003	7.55e-007	2.83e-005	9.51e-006
262	6.46e-003	-6.08e-004	2.51e-003	-2.22e-006	3.14e-005	1.00e-005
263	7.99e-003	-4.93e-004	2.79e-003	-2.89e-006	3.47e-005	1.02e-005
264	9.07e-003	-4.11e-004	2.96e-003	-2.85e-006	3.69e-005	1.07e-005
265	5.08e-003	-9.16e-004	3.06e-003	2.43e-006	2.95e-005	8.46e-006
266	6.47e-003	-9.09e-004	3.43e-003	-1.45e-006	3.23e-005	1.01e-005
267	7.99e-003	-8.15e-004	3.81e-003	-2.08e-006	3.58e-005	1.13e-005
268	5.25e-003	-9.39e-004	2.97e-003	2.68e-006	3.12e-005	7.00e-006
269	6.69e-003	-9.03e-004	3.41e-003	2.27e-007	3.39e-005	9.99e-006
270	8.24e-003	-8.10e-004	3.82e-003	-9.86e-007	3.69e-005	1.19e-005
271	9.34e-003	-7.46e-004	4.07e-003	-1.03e-006	3.88e-005	1.28e-005
272	5.49e-003	-9.28e-004	2.88e-003	-1.86e-007	3.47e-005	5.84e-006
273	7.05e-003	-9.09e-004	3.43e-003	-2.90e-006	3.62e-005	9.62e-006
274	8.68e-003	-7.79e-004	3.86e-003	-2.28e-006	3.83e-005	1.16e-005
275	4.47e-003	-3.07e-004	1.83e-003	-3.50e-006	3.35e-005	-7.61e-006
276	4.78e-003	-3.06e-004	1.72e-003	-1.61e-006	3.27e-005	-8.49e-006
277	5.96e-003	-2.16e-004	2.02e-003	-2.74e-006	3.34e-005	-6.84e-006
278	6.23e-003	-2.13e-004	1.94e-003	-1.41e-006	3.26e-005	-7.57e-006
279	7.34e-003	-1.62e-004	2.17e-003	-1.59e-006	2.90e-005	-5.75e-006
280	7.58e-003	-1.99e-004	2.15e-003	1.24e-006	2.82e-005	-6.97e-006
281	8.12e-003	-1.50e-004	2.26e-003	-3.11e-007	2.47e-005	-5.42e-006
282	1.52e-002	-3.12e-004	5.09e-003	-3.60e-006	4.67e-005	1.36e-005
283	1.60e-002	-3.12e-004	5.27e-003	-2.85e-006	4.72e-005	1.34e-005
284	1.14e-002	1.68e-003	-2.26e-003	-6.38e-006	3.20e-005	6.58e-006
285	1.10e-002	1.68e-003	-2.80e-003	-5.99e-006	3.65e-005	3.12e-006
286	1.56e-002	1.62e-003	-4.28e-003	-3.77e-006	4.67e-005	4.07e-006
287	1.52e-002	1.62e-003	-4.71e-003	-4.50e-006	4.67e-005	5.13e-006
288	1.19e-002	-3.14e-004	2.84e-003	1.53e-006	3.49e-005	-1.09e-005
289	1.14e-002	-3.11e-004	2.81e-003	5.06e-007	3.28e-005	-4.83e-006
290	1.52e-002	4.12e-004	2.39e-003	-4.20e-006	4.57e-005	1.06e-005
291	1.52e-002	1.27e-003	-2.03e-003	-4.13e-006	4.57e-005	6.74e-006
292	1.13e-002	-2.47e-004	7.50e-004	2.44e-006	2.56e-005	6.68e-006
293	1.12e-002	1.02e-003	-2.53e-004	-7.65e-006	2.40e-005	1.34e-005
294	9.29e-003	-2.47e-004	1.70e-003	1.08e-006	2.22e-005	-2.78e-007
295	9.29e-003	-1.87e-004	2.37e-003	2.10e-006	2.04e-005	-3.71e-006
296	1.02e-002	-3.10e-004	1.77e-003	1.62e-006	2.49e-005	9.51e-007
297	1.02e-002	-2.65e-004	2.54e-003	2.42e-006	2.32e-005	-3.89e-006

298	1.14e-002	-3.71e-004	1.77e-003	9.23e-007	3.47e-005	8.46e-007
299	9.30e-003	-1.99e-004	1.07e-003	-1.11e-007	1.95e-005	3.52e-006
300	1.02e-002	-2.18e-004	1.06e-003	1.00e-006	2.02e-005	5.38e-006
301	9.28e-003	8.73e-004	-1.27e-003	-5.59e-006	2.24e-005	9.13e-006
302	9.29e-003	5.90e-004	-6.29e-004	-4.55e-006	1.98e-005	9.67e-006
303	1.02e-002	1.14e-003	-1.29e-003	-6.61e-006	2.48e-005	1.03e-005
304	1.02e-002	8.12e-004	-5.91e-004	-5.86e-006	1.99e-005	1.16e-005
305	1.13e-002	1.43e-003	-1.24e-003	-6.81e-006	3.40e-005	1.02e-005
306	9.27e-003	1.14e-003	-1.95e-003	-6.87e-006	2.08e-005	8.66e-006
307	1.02e-002	1.41e-003	-2.05e-003	-7.63e-006	2.30e-005	8.07e-006
308	8.24e-003	-1.29e-004	4.61e-004	-2.12e-006	1.32e-005	5.77e-006
309	9.29e-003	-1.57e-005	4.86e-004	-1.59e-006	1.92e-005	7.16e-006
310	1.02e-002	3.94e-005	4.58e-004	-9.41e-007	1.87e-005	9.79e-006
311	1.10e-002	6.48e-005	4.28e-004	-4.34e-007	1.06e-005	1.41e-005
312	8.22e-003	1.09e-004	-1.11e-005	-2.49e-006	1.36e-005	7.98e-006
313	9.29e-003	2.67e-004	-3.23e-005	-3.15e-006	1.92e-005	9.30e-006
314	1.02e-002	4.12e-004	3.96e-006	-3.67e-006	1.86e-005	1.20e-005
315	1.10e-002	5.86e-004	3.64e-005	-4.30e-006	1.02e-005	1.64e-005
316	8.90e-003	1.14e-003	-2.26e-003	-5.67e-006	2.17e-005	7.19e-006
317	9.88e-003	1.42e-003	-2.39e-003	-5.93e-006	2.51e-005	5.50e-006
318	1.11e-002	1.68e-003	-2.54e-003	-5.39e-006	3.46e-005	3.34e-006
319	8.59e-003	1.15e-003	-2.53e-003	-6.34e-006	2.27e-005	6.23e-006
320	9.64e-003	1.42e-003	-2.68e-003	-6.55e-006	2.71e-005	4.85e-006
321	1.16e-002	1.27e-003	-3.97e-003	-4.49e-006	4.24e-005	4.07e-006
322	1.18e-002	1.27e-003	-3.77e-003	-3.74e-006	4.28e-005	3.74e-006
323	1.34e-002	1.45e-003	-4.23e-003	-4.60e-006	4.47e-005	4.33e-006
324	1.36e-002	1.45e-003	-4.02e-003	-4.09e-006	4.48e-005	4.03e-006
325	1.54e-002	1.62e-003	-4.48e-003	-4.39e-006	4.68e-005	4.34e-006
326	1.14e-002	1.27e-003	-4.21e-003	-4.60e-006	4.18e-005	4.97e-006
327	1.32e-002	1.45e-003	-4.47e-003	-4.62e-006	4.44e-005	5.15e-006
328	1.14e-002	1.11e-003	-3.00e-003	-3.86e-006	4.06e-005	5.72e-006
329	1.32e-002	1.28e-003	-3.19e-003	-3.99e-006	4.32e-005	5.89e-006
330	1.52e-002	1.46e-003	-3.36e-003	-3.98e-006	4.55e-005	5.88e-006
331	1.14e-002	9.25e-004	-1.82e-003	-3.80e-006	4.08e-005	6.68e-006
332	1.32e-002	1.09e-003	-1.93e-003	-4.03e-006	4.34e-005	6.76e-006
333	1.14e-002	6.84e-004	-5.08e-004	-3.74e-006	4.06e-005	7.79e-006
334	1.32e-002	8.49e-004	-5.31e-004	-3.99e-006	4.31e-005	7.87e-006
335	1.52e-002	1.02e-003	-5.52e-004	-4.20e-006	4.54e-005	7.87e-006
336	1.14e-002	4.05e-004	7.97e-004	-3.66e-006	4.06e-005	8.95e-006
337	1.32e-002	5.67e-004	8.59e-004	-3.93e-006	4.31e-005	9.10e-006
338	1.52e-002	7.41e-004	9.17e-004	-4.24e-006	4.55e-005	9.17e-006
339	1.14e-002	8.64e-005	2.11e-003	-3.48e-006	4.08e-005	1.02e-005
340	1.32e-002	2.41e-004	2.25e-003	-3.80e-006	4.34e-005	1.05e-005
341	1.14e-002	-2.38e-004	3.29e-003	-3.24e-006	4.07e-005	1.15e-005
342	1.32e-002	-9.22e-005	3.52e-003	-3.66e-006	4.33e-005	1.18e-005
343	1.52e-002	7.18e-005	3.73e-003	-4.13e-006	4.56e-005	1.21e-005
344	1.14e-002	-6.04e-004	4.50e-003	-2.62e-006	4.18e-005	1.30e-005
345	1.32e-002	-4.69e-004	4.81e-003	-3.15e-006	4.43e-005	1.33e-005
346	1.17e-002	-6.04e-004	4.54e-003	-1.96e-006	4.23e-005	1.38e-005
347	1.35e-002	-4.66e-004	4.86e-003	-2.76e-006	4.47e-005	1.41e-005
348	1.55e-002	-3.12e-004	5.15e-003	-3.39e-006	4.70e-005	1.42e-005
349	1.22e-002	-6.05e-004	4.63e-003	-3.39e-006	4.28e-005	1.42e-005
350	1.41e-002	-4.67e-004	4.97e-003	-4.00e-006	4.46e-005	1.43e-005
351	9.39e-003	-1.87e-004	2.43e-003	2.28e-006	2.06e-005	-5.62e-006
352	9.64e-003	-1.87e-004	2.50e-003	1.64e-006	2.13e-005	-7.02e-006
353	1.03e-002	-2.64e-004	2.61e-003	2.02e-006	2.38e-005	-6.82e-006
354	1.06e-002	-2.67e-004	2.68e-003	1.41e-006	2.53e-005	-8.48e-006
355	1.15e-002	-3.13e-004	2.82e-003	-7.43e-008	3.37e-005	-8.43e-006
356	5.00e-002	4.05e-003	7.33e-003	-1.03e-006	7.16e-005	3.57e-005
357	5.24e-002	4.04e-003	7.36e-003	-1.65e-006	8.45e-005	4.30e-005
358	6.25e-002	2.69e-003	-3.56e-003	-2.43e-006	9.80e-005	-2.09e-005
359	6.46e-002	2.69e-003	-3.78e-003	-2.69e-006	1.01e-004	-2.18e-005
360	4.94e-002	2.70e-003	-6.13e-003	-2.43e-006	6.79e-005	-2.88e-006
361	4.98e-002	2.67e-003	-6.43e-003	-2.59e-006	6.49e-005	-5.26e-006
362	6.15e-002	3.71e-003	4.43e-003	4.63e-007	8.98e-005	1.87e-005
363	6.26e-002	3.72e-003	4.42e-003	5.22e-007	9.69e-005	1.64e-005
364	4.99e-002	5.40e-003	3.14e-003	-1.61e-005	6.62e-005	4.78e-006
365	4.97e-002	3.38e-003	-2.60e-003	6.21e-007	6.17e-005	-2.08e-005

366	6.26e-002	4.70e-003	-1.89e-003	-4.49e-006	9.86e-005	1.44e-005
367	6.25e-002	4.03e-003	2.80e-003	-4.37e-006	9.96e-005	-2.02e-005
368	1.33e-002	-3.56e-004	1.74e-003	-1.70e-006	4.97e-005	-1.99e-006
369	1.33e-002	-2.36e-004	3.17e-003	-3.51e-006	4.89e-005	-6.24e-006
370	1.59e-002	-1.95e-004	1.66e-003	-5.16e-006	6.04e-005	-5.27e-006
371	1.59e-002	-4.04e-006	3.49e-003	-6.84e-006	6.25e-005	-7.74e-006
372	1.91e-002	1.01e-004	1.61e-003	-7.39e-006	7.13e-005	-7.09e-006
373	1.91e-002	3.37e-004	3.73e-003	-8.25e-006	7.20e-005	-8.91e-006
374	2.26e-002	4.76e-004	1.56e-003	-8.69e-006	7.92e-005	-7.62e-006
375	2.26e-002	7.28e-004	3.92e-003	-8.79e-006	7.93e-005	-9.38e-006
376	2.65e-002	9.13e-004	1.53e-003	-1.00e-005	8.65e-005	-7.40e-006
377	2.65e-002	1.16e-003	4.10e-003	-9.80e-006	8.68e-005	-8.99e-006
378	3.06e-002	1.40e-003	1.50e-003	-1.08e-005	9.07e-005	-6.56e-006
379	3.06e-002	1.61e-003	4.23e-003	-1.02e-005	9.23e-005	-7.75e-006
380	3.50e-002	1.90e-003	1.49e-003	-1.07e-005	9.53e-005	-4.82e-006
381	3.50e-002	2.06e-003	4.33e-003	-9.44e-006	9.51e-005	-5.78e-006
382	3.95e-002	2.40e-003	1.49e-003	-1.04e-005	9.75e-005	-2.30e-006
383	3.95e-002	2.48e-003	4.40e-003	-8.58e-006	9.68e-005	-3.33e-006
384	4.41e-002	2.88e-003	1.49e-003	-1.04e-005	1.00e-004	5.55e-007
385	4.41e-002	2.88e-003	4.46e-003	-8.56e-006	9.97e-005	-4.44e-007
386	4.88e-002	3.35e-003	1.49e-003	-9.60e-006	9.96e-005	3.66e-006
387	4.88e-002	3.25e-003	4.50e-003	-7.51e-006	1.01e-004	3.01e-006
388	5.35e-002	3.75e-003	1.50e-003	-7.46e-006	1.00e-004	7.21e-006
389	5.34e-002	3.53e-003	4.48e-003	-4.93e-006	9.96e-005	7.12e-006
390	5.80e-002	4.03e-003	1.50e-003	-4.60e-006	9.84e-005	1.12e-005
391	5.80e-002	3.69e-003	4.44e-003	-1.65e-006	9.74e-005	1.16e-005
392	6.26e-002	4.19e-003	1.52e-003	-2.13e-006	9.80e-005	1.51e-005
393	1.33e-002	-3.87e-004	1.25e-005	1.53e-006	5.08e-005	-1.97e-007
394	1.59e-002	-3.52e-004	-4.91e-004	-3.06e-006	6.32e-005	-4.18e-006
395	1.90e-002	-1.24e-004	-8.92e-004	-6.55e-006	7.34e-005	-6.19e-006
396	2.26e-002	2.35e-004	-1.16e-003	-8.58e-006	7.53e-005	-6.34e-006
397	2.65e-002	6.70e-004	-1.50e-003	-1.03e-005	8.83e-005	-6.76e-006
398	3.06e-002	1.18e-003	-1.70e-003	-1.18e-005	9.27e-005	-6.04e-006
399	3.50e-002	1.75e-003	-1.83e-003	-1.24e-005	9.66e-005	-4.34e-006
400	3.95e-002	2.33e-003	-1.85e-003	-1.24e-005	9.11e-005	-1.65e-006
401	4.41e-002	2.91e-003	-1.99e-003	-1.26e-005	1.01e-004	8.91e-007
402	4.88e-002	3.48e-003	-2.02e-003	-1.20e-005	1.01e-004	3.89e-006
403	5.34e-002	4.01e-003	-1.99e-003	-1.02e-005	1.01e-004	7.28e-006
404	5.80e-002	4.42e-003	-1.86e-003	-7.45e-006	9.14e-005	1.09e-005
405	1.32e-002	1.73e-003	-1.14e-003	-5.95e-006	4.88e-005	7.55e-006
406	1.32e-002	1.44e-003	5.53e-004	-8.74e-006	4.99e-005	8.61e-006
407	1.58e-002	1.97e-003	-1.00e-003	-4.22e-006	5.95e-005	4.21e-006
408	1.58e-002	1.80e-003	1.12e-003	-6.59e-006	6.25e-005	4.77e-006
409	1.89e-002	2.13e-003	-8.92e-004	-3.25e-006	7.08e-005	1.53e-006
410	1.89e-002	2.07e-003	1.59e-003	-5.07e-006	7.32e-005	1.88e-006
411	2.24e-002	2.27e-003	-7.94e-004	-2.82e-006	7.87e-005	-9.07e-007
412	2.24e-002	2.29e-003	1.91e-003	-4.65e-006	7.51e-005	-1.77e-007
413	2.63e-002	2.39e-003	-7.23e-004	-2.46e-006	8.59e-005	-3.47e-006
414	2.63e-002	2.51e-003	2.29e-003	-4.46e-006	8.80e-005	-3.28e-006
415	3.05e-002	2.50e-003	-6.65e-004	-2.14e-006	9.06e-005	-6.11e-006
416	3.05e-002	2.71e-003	2.54e-003	-4.01e-006	9.30e-005	-5.99e-006
417	3.49e-002	2.59e-003	-6.27e-004	-2.14e-006	9.56e-005	-8.61e-006
418	3.49e-002	2.89e-003	2.71e-003	-3.86e-006	9.73e-005	-8.45e-006
419	3.94e-002	2.70e-003	-5.98e-004	-2.34e-006	9.75e-005	-1.10e-005
420	3.94e-002	3.07e-003	2.74e-003	-4.06e-006	9.16e-005	-1.05e-005
421	4.39e-002	2.80e-003	-5.89e-004	-2.35e-006	9.97e-005	-1.34e-005
422	4.39e-002	3.27e-003	2.89e-003	-4.08e-006	1.01e-004	-1.31e-005
423	4.86e-002	2.91e-003	-5.86e-004	-2.36e-006	9.96e-005	-1.56e-005
424	4.86e-002	3.45e-003	2.93e-003	-3.89e-006	1.01e-004	-1.54e-005
425	5.33e-002	3.03e-003	-5.96e-004	-2.69e-006	1.01e-004	-1.75e-005
426	5.33e-002	3.63e-003	2.91e-003	-3.98e-006	1.02e-004	-1.73e-005
427	5.79e-002	3.16e-003	-6.07e-004	-3.16e-006	9.91e-005	-1.91e-005
428	5.80e-002	3.83e-003	2.78e-003	-4.22e-006	9.23e-005	-1.89e-005
429	6.25e-002	3.31e-003	-6.31e-004	-3.47e-006	9.87e-005	-2.05e-005
430	1.32e-002	1.92e-003	-2.54e-003	-3.88e-006	4.80e-005	4.75e-006
431	1.58e-002	2.07e-003	-2.80e-003	-1.86e-006	6.17e-005	2.97e-006
432	1.89e-002	2.17e-003	-2.99e-003	-1.07e-006	7.15e-005	9.94e-007
433	2.24e-002	2.24e-003	-3.14e-003	-6.77e-007	7.90e-005	-1.36e-006

434	2.63e-002	2.28e-003	-3.28e-003	-2.19e-007	8.65e-005	-3.90e-006
435	3.05e-002	2.31e-003	-3.39e-003	1.25e-007	9.24e-005	-6.38e-006
436	3.49e-002	2.33e-003	-3.46e-003	-1.92e-008	9.57e-005	-8.84e-006
437	3.94e-002	2.36e-003	-3.51e-003	-3.98e-007	9.71e-005	-1.15e-005
438	4.40e-002	2.39e-003	-3.55e-003	-4.92e-007	9.96e-005	-1.40e-005
439	4.86e-002	2.44e-003	-3.58e-003	-6.46e-007	1.01e-004	-1.60e-005
440	5.33e-002	2.50e-003	-3.58e-003	-1.27e-006	1.00e-004	-1.78e-005
441	5.79e-002	2.58e-003	-3.57e-003	-2.04e-006	9.82e-005	-1.95e-005
442	1.31e-002	1.92e-003	-2.71e-003	-3.96e-006	4.92e-005	1.85e-006
443	1.57e-002	2.07e-003	-2.88e-003	-2.53e-006	6.29e-005	1.14e-006
444	1.89e-002	2.17e-003	-3.02e-003	-1.51e-006	7.36e-005	-2.48e-008
445	2.25e-002	2.24e-003	-3.16e-003	-8.01e-007	8.20e-005	-2.04e-006
446	2.65e-002	2.28e-003	-3.27e-003	-4.21e-007	8.92e-005	-4.44e-006
447	3.08e-002	2.31e-003	-3.36e-003	-1.67e-007	9.48e-005	-6.75e-006
448	3.53e-002	2.33e-003	-3.44e-003	-2.00e-007	9.85e-005	-9.14e-006
449	3.99e-002	2.36e-003	-3.51e-003	-3.17e-007	1.01e-004	-1.19e-005
450	4.46e-002	2.40e-003	-3.56e-003	-5.48e-007	1.02e-004	-1.44e-005
451	4.94e-002	2.44e-003	-3.60e-003	-8.82e-007	1.03e-004	-1.64e-005
452	5.42e-002	2.50e-003	-3.63e-003	-1.31e-006	1.02e-004	-1.81e-005
453	5.89e-002	2.58e-003	-3.65e-003	-1.89e-006	1.01e-004	-1.99e-005
454	6.35e-002	2.69e-003	-3.67e-003	-2.38e-006	9.96e-005	-2.16e-005
455	1.30e-002	1.91e-003	-2.90e-003	-4.22e-006	5.02e-005	1.68e-006
456	1.57e-002	2.07e-003	-3.00e-003	-2.70e-006	6.38e-005	6.83e-007
457	1.89e-002	2.17e-003	-3.10e-003	-1.83e-006	7.51e-005	-5.49e-007
458	2.26e-002	2.24e-003	-3.20e-003	-1.26e-006	8.41e-005	-2.36e-006
459	2.67e-002	2.28e-003	-3.29e-003	-9.19e-007	9.15e-005	-4.56e-006
460	3.11e-002	2.31e-003	-3.38e-003	-6.06e-007	9.72e-005	-6.87e-006
461	3.57e-002	2.33e-003	-3.46e-003	-6.69e-007	1.01e-004	-9.29e-006
462	4.05e-002	2.37e-003	-3.53e-003	-7.99e-007	1.03e-004	-1.18e-005
463	4.53e-002	2.39e-003	-3.59e-003	-9.35e-007	1.04e-004	-1.42e-005
464	5.02e-002	2.44e-003	-3.65e-003	-1.16e-006	1.05e-004	-1.63e-005
465	5.50e-002	2.50e-003	-3.70e-003	-1.58e-006	1.04e-004	-1.81e-005
466	5.98e-002	2.59e-003	-3.74e-003	-2.23e-006	1.02e-004	-1.99e-005
467	1.76e-002	1.80e-003	-4.73e-003	-4.13e-006	4.88e-005	4.11e-006
468	1.78e-002	1.80e-003	-4.54e-003	-3.47e-006	4.85e-005	3.87e-006
469	1.99e-002	1.96e-003	-4.96e-003	-3.69e-006	5.07e-005	3.64e-006
470	2.01e-002	1.96e-003	-4.80e-003	-2.92e-006	5.01e-005	3.42e-006
471	2.23e-002	2.09e-003	-5.17e-003	-3.19e-006	5.23e-005	2.95e-006
472	2.25e-002	2.09e-003	-5.03e-003	-2.32e-006	5.15e-005	2.76e-006
473	2.48e-002	2.20e-003	-5.37e-003	-2.77e-006	5.38e-005	2.07e-006
474	2.49e-002	2.20e-003	-5.25e-003	-1.85e-006	5.28e-005	1.93e-006
475	2.73e-002	2.29e-003	-5.54e-003	-2.32e-006	5.51e-005	1.05e-006
476	2.74e-002	2.29e-003	-5.44e-003	-1.35e-006	5.41e-005	9.77e-007
477	2.99e-002	2.36e-003	-5.70e-003	-2.03e-006	5.64e-005	-4.94e-008
478	2.99e-002	2.35e-003	-5.61e-003	-1.08e-006	5.53e-005	-4.72e-008
479	3.26e-002	2.41e-003	-5.83e-003	-1.74e-006	5.75e-005	-1.18e-006
480	3.25e-002	2.41e-003	-5.76e-003	-7.98e-007	5.64e-005	-1.10e-006
481	3.53e-002	2.46e-003	-5.95e-003	-1.58e-006	5.84e-005	-2.34e-006
482	3.52e-002	2.45e-003	-5.89e-003	-6.73e-007	5.73e-005	-2.16e-006
483	3.80e-002	2.50e-003	-6.05e-003	-1.46e-006	5.93e-005	-3.51e-006
484	3.79e-002	2.50e-003	-5.99e-003	-5.56e-007	5.83e-005	-3.12e-006
485	4.08e-002	2.53e-003	-6.12e-003	-1.39e-006	6.02e-005	-4.47e-006
486	4.06e-002	2.53e-003	-6.07e-003	-4.34e-007	5.96e-005	-3.84e-006
487	4.36e-002	2.57e-003	-6.19e-003	-1.57e-006	6.15e-005	-4.89e-006
488	4.34e-002	2.57e-003	-6.13e-003	-4.21e-007	6.15e-005	-4.10e-006
489	4.65e-002	2.61e-003	-6.24e-003	-1.99e-006	6.36e-005	-4.52e-006
490	4.64e-002	2.61e-003	-6.15e-003	-8.62e-007	6.42e-005	-3.78e-006
491	4.96e-002	2.69e-003	-6.27e-003	-3.19e-006	6.67e-005	-3.50e-006
492	1.74e-002	1.80e-003	-4.95e-003	-4.17e-006	4.90e-005	4.89e-006
493	1.98e-002	1.95e-003	-5.16e-003	-3.69e-006	5.10e-005	4.38e-006
494	2.22e-002	2.09e-003	-5.35e-003	-3.16e-006	5.29e-005	3.59e-006
495	2.47e-002	2.20e-003	-5.53e-003	-2.65e-006	5.46e-005	2.56e-006
496	2.73e-002	2.29e-003	-5.68e-003	-2.22e-006	5.61e-005	1.31e-006
497	2.99e-002	2.36e-003	-5.82e-003	-1.88e-006	5.74e-005	-1.23e-007
498	3.27e-002	2.41e-003	-5.94e-003	-1.63e-006	5.86e-005	-1.68e-006
499	3.54e-002	2.46e-003	-6.05e-003	-1.46e-006	5.96e-005	-3.38e-006
500	3.82e-002	2.50e-003	-6.14e-003	-1.35e-006	6.05e-005	-5.23e-006
501	4.11e-002	2.54e-003	-6.22e-003	-1.24e-006	6.11e-005	-7.02e-006

502	4.39e-002	2.57e-003	-6.28e-003	-1.10e-006	6.15e-005	-8.21e-006
503	4.68e-002	2.61e-003	-6.34e-003	-8.85e-007	6.23e-005	-7.78e-006
504	1.74e-002	1.64e-003	-3.53e-003	-3.81e-006	4.78e-005	5.62e-006
505	1.98e-002	1.81e-003	-3.68e-003	-3.51e-006	4.99e-005	5.10e-006
506	2.22e-002	1.97e-003	-3.81e-003	-3.16e-006	5.18e-005	4.26e-006
507	2.47e-002	2.11e-003	-3.94e-003	-2.83e-006	5.35e-005	3.14e-006
508	2.73e-002	2.24e-003	-4.05e-003	-2.56e-006	5.50e-005	1.72e-006
509	2.99e-002	2.36e-003	-4.14e-003	-2.36e-006	5.64e-005	4.41e-008
510	3.27e-002	2.47e-003	-4.23e-003	-2.24e-006	5.76e-005	-1.87e-006
511	3.54e-002	2.57e-003	-4.31e-003	-2.19e-006	5.86e-005	-4.02e-006
512	3.82e-002	2.68e-003	-4.37e-003	-2.17e-006	5.95e-005	-6.37e-006
513	4.11e-002	2.78e-003	-4.43e-003	-2.02e-006	6.02e-005	-8.88e-006
514	4.39e-002	2.86e-003	-4.47e-003	-1.46e-006	6.09e-005	-1.12e-005
515	4.68e-002	2.90e-003	-4.49e-003	-2.15e-007	6.17e-005	-1.25e-005
516	4.98e-002	2.89e-003	-4.48e-003	-1.05e-006	6.50e-005	-1.13e-005
517	1.74e-002	1.46e-003	-2.12e-003	-4.13e-006	4.80e-005	6.50e-006
518	1.98e-002	1.65e-003	-2.21e-003	-4.02e-006	5.01e-005	5.97e-006
519	2.22e-002	1.83e-003	-2.29e-003	-3.87e-006	5.20e-005	5.12e-006
520	2.47e-002	2.01e-003	-2.36e-003	-3.73e-006	5.37e-005	3.97e-006
521	2.73e-002	2.18e-003	-2.42e-003	-3.66e-006	5.53e-005	2.49e-006
522	2.99e-002	2.35e-003	-2.48e-003	-3.64e-006	5.66e-005	6.93e-007
523	3.27e-002	2.52e-003	-2.53e-003	-3.68e-006	5.78e-005	-1.39e-006
524	3.54e-002	2.69e-003	-2.58e-003	-3.79e-006	5.89e-005	-3.72e-006
525	3.82e-002	2.87e-003	-2.61e-003	-3.94e-006	5.97e-005	-6.35e-006
526	4.11e-002	3.06e-003	-2.65e-003	-3.95e-006	6.04e-005	-9.40e-006
527	4.39e-002	3.23e-003	-2.67e-003	-3.34e-006	6.09e-005	-1.30e-005
528	4.68e-002	3.35e-003	-2.66e-003	-1.48e-006	6.09e-005	-1.73e-005
529	1.74e-002	1.22e-003	-5.72e-004	-4.38e-006	4.78e-005	7.66e-006
530	1.98e-002	1.43e-003	-5.89e-004	-4.50e-006	4.99e-005	7.15e-006
531	2.22e-002	1.64e-003	-6.03e-004	-4.57e-006	5.18e-005	6.35e-006
532	2.47e-002	1.86e-003	-6.16e-004	-4.65e-006	5.35e-005	5.24e-006
533	2.73e-002	2.08e-003	-6.27e-004	-4.82e-006	5.50e-005	3.80e-006
534	2.99e-002	2.31e-003	-6.37e-004	-5.03e-006	5.64e-005	2.03e-006
535	3.27e-002	2.54e-003	-6.46e-004	-5.25e-006	5.76e-005	-1.98e-008
536	3.54e-002	2.80e-003	-6.55e-004	-5.54e-006	5.87e-005	-2.28e-006
537	3.82e-002	3.06e-003	-6.65e-004	-5.98e-006	5.95e-005	-4.84e-006
538	4.11e-002	3.35e-003	-6.76e-004	-6.45e-006	6.03e-005	-7.94e-006
539	4.39e-002	3.66e-003	-6.90e-004	-6.67e-006	6.05e-005	-1.21e-005
540	4.68e-002	3.96e-003	-6.84e-004	-6.20e-006	6.08e-005	-1.85e-005
541	4.96e-002	4.23e-003	-6.79e-004	-5.59e-006	5.67e-005	-2.78e-005
542	1.74e-002	9.47e-004	9.76e-004	-4.62e-006	4.78e-005	9.03e-006
543	1.98e-002	1.17e-003	1.03e-003	-4.95e-006	4.99e-005	8.58e-006
544	2.22e-002	1.41e-003	1.08e-003	-5.22e-006	5.18e-005	7.85e-006
545	2.47e-002	1.66e-003	1.13e-003	-5.51e-006	5.36e-005	6.88e-006
546	2.73e-002	1.92e-003	1.17e-003	-5.93e-006	5.51e-005	5.62e-006
547	2.99e-002	2.21e-003	1.20e-003	-6.35e-006	5.64e-005	4.01e-006
548	3.27e-002	2.51e-003	1.24e-003	-6.71e-006	5.77e-005	2.19e-006
549	3.54e-002	2.83e-003	1.26e-003	-7.11e-006	5.87e-005	3.02e-007
550	3.82e-002	3.18e-003	1.28e-003	-7.80e-006	5.96e-005	-1.71e-006
551	4.11e-002	3.56e-003	1.30e-003	-8.79e-006	6.04e-005	-4.12e-006
552	4.39e-002	4.00e-003	1.30e-003	-1.01e-005	6.08e-005	-7.33e-006
553	4.69e-002	4.50e-003	1.25e-003	-1.18e-005	6.13e-005	-1.23e-005
554	4.97e-002	5.07e-003	1.23e-003	-1.24e-005	5.62e-005	-2.06e-005
555	1.74e-002	6.21e-004	2.53e-003	-4.80e-006	4.81e-005	1.06e-005
556	1.98e-002	8.58e-004	2.66e-003	-5.35e-006	5.02e-005	1.02e-005
557	2.22e-002	1.12e-003	2.77e-003	-5.76e-006	5.21e-005	9.62e-006
558	2.47e-002	1.39e-003	2.88e-003	-6.20e-006	5.38e-005	8.88e-006
559	2.73e-002	1.70e-003	2.97e-003	-6.86e-006	5.53e-005	7.89e-006
560	2.99e-002	2.03e-003	3.05e-003	-7.48e-006	5.66e-005	6.58e-006
561	3.27e-002	2.39e-003	3.12e-003	-7.88e-006	5.78e-005	5.15e-006
562	3.54e-002	2.76e-003	3.19e-003	-8.22e-006	5.89e-005	3.89e-006
563	3.82e-002	3.16e-003	3.24e-003	-8.97e-006	5.98e-005	2.80e-006
564	4.11e-002	3.61e-003	3.28e-003	-1.02e-005	6.06e-005	1.77e-006
565	4.39e-002	4.11e-003	3.30e-003	-1.18e-005	6.17e-005	9.20e-007
566	4.69e-002	4.71e-003	3.28e-003	-1.41e-005	6.20e-005	6.61e-007
567	1.74e-002	2.81e-004	3.94e-003	-4.93e-006	4.80e-005	1.21e-005
568	1.98e-002	5.27e-004	4.13e-003	-5.67e-006	5.01e-005	1.19e-005
569	2.22e-002	8.02e-004	4.30e-003	-6.18e-006	5.20e-005	1.14e-005

570	2.47e-002	1.10e-003	4.46e-003	-6.67e-006	5.37e-005	1.09e-005
571	2.73e-002	1.43e-003	4.60e-003	-7.54e-006	5.52e-005	1.02e-005
572	2.99e-002	1.79e-003	4.72e-003	-8.28e-006	5.65e-005	9.32e-006
573	3.27e-002	2.19e-003	4.83e-003	-8.62e-006	5.77e-005	8.37e-006
574	3.54e-002	2.59e-003	4.93e-003	-8.71e-006	5.88e-005	7.79e-006
575	3.82e-002	3.00e-003	5.01e-003	-9.30e-006	5.98e-005	7.70e-006
576	4.11e-002	3.46e-003	5.08e-003	-1.02e-005	6.06e-005	8.10e-006
577	4.39e-002	3.95e-003	5.14e-003	-1.10e-005	6.20e-005	9.74e-006
578	4.68e-002	4.47e-003	5.18e-003	-1.12e-005	6.43e-005	1.41e-005
579	5.00e-002	4.97e-003	5.18e-003	-7.79e-006	7.22e-005	2.31e-005
580	1.74e-002	-1.07e-004	5.36e-003	-4.65e-006	4.90e-005	1.37e-005
581	1.98e-002	1.44e-004	5.62e-003	-5.59e-006	5.10e-005	1.37e-005
582	2.22e-002	4.30e-004	5.85e-003	-6.15e-006	5.29e-005	1.34e-005
583	2.47e-002	7.39e-004	6.06e-003	-6.55e-006	5.47e-005	1.31e-005
584	2.73e-002	1.08e-003	6.24e-003	-7.64e-006	5.61e-005	1.27e-005
585	2.99e-002	1.47e-003	6.40e-003	-8.46e-006	5.74e-005	1.24e-005
586	3.27e-002	1.88e-003	6.55e-003	-8.64e-006	5.85e-005	1.21e-005
587	3.54e-002	2.29e-003	6.68e-003	-8.29e-006	5.96e-005	1.22e-005
588	3.82e-002	2.69e-003	6.79e-003	-8.64e-006	6.04e-005	1.29e-005
589	4.11e-002	3.11e-003	6.89e-003	-8.94e-006	6.09e-005	1.46e-005
590	4.39e-002	3.52e-003	6.98e-003	-8.39e-006	6.18e-005	1.82e-005
591	4.69e-002	3.87e-003	7.12e-003	-6.40e-006	6.42e-005	2.52e-005
592	1.77e-002	-1.10e-004	5.45e-003	-4.28e-006	4.93e-005	1.45e-005
593	2.01e-002	1.44e-004	5.72e-003	-4.84e-006	5.12e-005	1.48e-005
594	2.25e-002	4.33e-004	5.97e-003	-5.87e-006	5.30e-005	1.45e-005
595	2.50e-002	7.39e-004	6.19e-003	-6.47e-006	5.47e-005	1.42e-005
596	2.76e-002	1.08e-003	6.39e-003	-7.34e-006	5.62e-005	1.41e-005
597	3.02e-002	1.47e-003	6.57e-003	-7.62e-006	5.75e-005	1.41e-005
598	3.30e-002	1.89e-003	6.72e-003	-8.43e-006	5.88e-005	1.44e-005
599	3.57e-002	2.29e-003	6.86e-003	-8.30e-006	6.01e-005	1.50e-005
600	3.85e-002	2.69e-003	6.97e-003	-8.40e-006	6.12e-005	1.60e-005
601	4.14e-002	3.11e-003	7.07e-003	-8.17e-006	6.26e-005	1.83e-005
602	4.44e-002	3.53e-003	7.15e-003	-7.65e-006	6.47e-005	2.30e-005
603	4.75e-002	3.87e-003	7.24e-003	-5.52e-006	6.86e-005	3.05e-005
604	5.08e-002	4.04e-003	7.34e-003	-6.11e-007	7.67e-005	4.00e-005
605	1.83e-002	-1.07e-004	5.61e-003	-5.52e-006	4.98e-005	1.48e-005
606	2.06e-002	1.44e-004	5.92e-003	-6.16e-006	5.13e-005	1.52e-005
607	2.31e-002	4.30e-004	6.19e-003	-7.06e-006	5.27e-005	1.50e-005
608	2.55e-002	7.38e-004	6.41e-003	-5.35e-006	5.46e-005	1.41e-005
609	2.81e-002	1.08e-003	6.67e-003	-8.57e-006	5.64e-005	1.47e-005
610	3.08e-002	1.47e-003	6.87e-003	-9.02e-006	5.78e-005	1.51e-005
611	3.35e-002	1.88e-003	7.03e-003	-9.61e-006	5.94e-005	1.57e-005
612	3.63e-002	2.30e-003	7.14e-003	-6.87e-006	6.08e-005	1.72e-005
613	3.92e-002	2.69e-003	7.28e-003	-9.42e-006	6.26e-005	1.80e-005
614	4.22e-002	3.11e-003	7.38e-003	-9.38e-006	6.56e-005	2.07e-005
615	4.53e-002	3.53e-003	7.44e-003	-9.07e-006	6.99e-005	2.60e-005
616	4.87e-002	3.86e-003	7.42e-003	-4.69e-006	7.55e-005	3.51e-005
617	1.35e-002	-2.40e-004	3.08e-003	-3.88e-006	4.95e-005	-9.21e-006
618	1.38e-002	-2.39e-004	2.95e-003	-3.50e-006	4.96e-005	-1.07e-005
619	1.61e-002	-4.27e-006	3.33e-003	-6.73e-006	6.29e-005	-9.49e-006
620	1.65e-002	-4.73e-006	3.08e-003	-6.21e-006	6.32e-005	-1.06e-005
621	1.93e-002	3.41e-004	3.53e-003	-8.72e-006	7.24e-005	-1.02e-005
622	1.97e-002	3.38e-004	3.23e-003	-8.08e-006	7.29e-005	-1.10e-005
623	8.78e-002	6.50e-003	-2.95e-003	-3.49e-005	2.40e-004	4.28e-006
624	8.78e-002	2.03e-003	3.31e-003	4.92e-005	2.30e-004	4.69e-005
625	0.12	1.22e-002	-3.74e-003	-8.23e-005	3.10e-004	-2.80e-005
626	2.16e-004	-2.34e-005	-9.10e-004	-1.56e-006	1.69e-005	-3.44e-007
627	0.11	1.23e-002	-6.25e-003	-8.04e-005	3.36e-004	6.08e-007
628	9.34e-004	-3.80e-005	1.12e-003	1.64e-006	1.41e-005	-2.36e-007
629	1.71e-004	1.17e-005	7.79e-004	2.42e-006	2.30e-005	6.43e-007
630	8.99e-004	-4.96e-005	1.19e-003	1.56e-006	1.35e-005	1.76e-006
631	1.84e-004	-8.24e-006	5.50e-005	3.27e-006	4.04e-006	-4.96e-007
632	1.85e-004	7.74e-006	-5.60e-005	-3.50e-006	4.34e-006	-4.75e-007
633	1.83e-004	6.91e-006	2.82e-004	5.48e-006	1.14e-005	-8.65e-007
634	1.89e-004	-4.59e-006	-3.25e-007	6.88e-007	1.50e-008	-6.64e-008
635	1.89e-004	4.08e-006	6.42e-006	-8.93e-007	1.28e-007	-9.69e-008
636	1.84e-004	-9.83e-006	-2.94e-004	-5.77e-006	1.18e-005	-1.03e-006
637	2.11e-004	1.57e-005	3.80e-005	-3.47e-006	4.15e-006	2.57e-007

638	2.13e-004	-1.76e-005	-3.75e-005	3.76e-006	4.54e-006	2.36e-007
639	2.08e-004	1.61e-005	3.01e-004	-5.12e-006	1.39e-005	2.74e-007
640	2.18e-004	6.37e-006	-7.32e-006	-6.48e-007	-5.90e-007	-3.42e-007
641	2.19e-004	-9.16e-006	1.70e-005	9.64e-007	-4.42e-007	-3.01e-007
642	2.10e-004	-1.45e-005	-3.14e-004	5.38e-006	1.44e-005	4.71e-007
643	2.02e-004	1.19e-006	1.69e-005	-1.22e-007	1.40e-006	-2.52e-007
644	2.38e-004	2.22e-005	-4.51e-006	2.33e-006	7.21e-007	-1.08e-006
645	1.37e-004	-1.57e-005	1.33e-004	-2.57e-006	9.21e-006	-6.60e-007
646	5.45e-004	-7.14e-005	6.70e-004	4.15e-006	7.78e-006	-2.05e-006
647	5.29e-004	-9.48e-005	4.09e-004	3.84e-006	8.88e-006	3.09e-007
648	8.90e-005	2.55e-005	5.16e-004	-1.41e-007	1.48e-005	-1.69e-006
649	2.07e-004	-2.23e-005	-2.84e-006	-1.65e-006	1.02e-006	5.14e-007
650	5.14e-004	-7.53e-005	1.96e-004	3.22e-006	7.48e-006	8.28e-007
651	1.32e-004	1.25e-005	-1.27e-004	2.31e-006	9.52e-006	-9.11e-007
652	2.04e-004	2.21e-005	1.75e-005	1.44e-006	1.26e-006	4.94e-007
653	5.31e-004	7.54e-005	-3.94e-004	-3.03e-006	9.17e-006	4.22e-007
654	5.15e-004	5.00e-005	-1.74e-004	-2.04e-006	7.50e-006	1.01e-006
655	8.08e-005	-3.70e-005	-5.18e-004	-1.08e-007	1.51e-005	-2.03e-006
656	5.49e-004	5.28e-005	-6.69e-004	-4.08e-006	7.73e-006	-2.28e-006
657	2.08e-004	2.92e-005	3.07e-004	8.60e-006	1.39e-005	-3.18e-007
658	1.58e-004	2.77e-005	8.81e-004	5.71e-006	2.22e-005	4.69e-008
659	8.36e-004	-7.47e-005	8.09e-004	-8.30e-008	1.39e-005	-7.36e-007
660	8.69e-004	-6.33e-005	1.21e-003	-4.89e-009	1.30e-005	4.33e-007
661	2.80e-004	2.13e-005	9.00e-005	5.55e-006	2.51e-006	-5.03e-007
662	8.01e-004	-7.28e-005	4.52e-004	-2.64e-007	1.27e-005	9.46e-007
663	1.98e-004	-2.69e-005	-2.98e-004	-8.20e-006	1.44e-005	1.70e-008
664	2.74e-004	-2.40e-005	-6.64e-005	-5.15e-006	2.93e-006	-4.20e-007
665	8.35e-004	8.98e-005	-7.91e-004	-6.52e-007	1.43e-005	-5.01e-007
666	8.00e-004	8.37e-005	-4.18e-004	-5.76e-007	1.29e-005	1.03e-006
667	1.43e-004	-1.22e-005	-8.86e-004	-5.35e-006	2.26e-005	6.28e-007
668	8.74e-004	9.03e-005	-1.21e-003	-3.25e-007	1.30e-005	1.12e-006
669	2.46e-004	-9.22e-006	4.45e-007	-6.19e-007	-3.40e-007	7.36e-007
670	5.07e-004	-3.78e-005	6.38e-005	1.63e-006	6.35e-006	1.13e-006
671	2.45e-004	8.76e-006	1.97e-005	4.43e-007	-2.59e-007	7.22e-007
672	5.07e-004	7.35e-006	-3.96e-005	-2.46e-007	6.37e-006	1.21e-006
673	3.18e-004	8.41e-006	4.10e-005	2.05e-006	1.66e-006	-8.90e-007
674	7.73e-004	-2.62e-005	1.55e-004	-2.62e-007	1.22e-005	1.93e-006
675	3.16e-004	-1.22e-005	-7.27e-006	-1.65e-006	1.81e-006	-8.60e-007
676	7.73e-004	3.55e-005	-1.13e-004	-5.76e-007	1.23e-005	1.95e-006
677	1.64e-004	-3.99e-007	-7.93e-004	-1.81e-006	2.33e-005	8.86e-007
678	8.93e-002	4.84e-003	-3.71e-003	-4.54e-005	2.81e-004	-2.80e-005
679	7.17e-002	5.10e-003	-6.28e-003	-4.56e-005	2.84e-004	6.08e-007
680	2.04e-004	2.28e-005	-8.51e-004	3.81e-006	2.00e-005	1.08e-006
681	0.13	3.42e-003	3.01e-004	-1.60e-006	4.23e-005	1.27e-004
682	2.03e-004	-2.64e-006	-1.49e-005	1.56e-007	1.53e-006	-2.46e-007
683	1.83e-004	-1.82e-005	-2.38e-005	1.88e-007	6.27e-007	5.53e-007
684	2.66e-004	7.85e-006	1.45e-006	1.39e-006	-8.90e-007	-1.65e-006
685	2.36e-004	-2.46e-005	1.87e-005	-1.89e-006	1.15e-006	-9.90e-007
686	2.65e-004	-1.15e-005	2.28e-005	-9.42e-007	-7.30e-007	-1.59e-006
687	1.82e-004	1.78e-005	3.28e-005	-4.74e-007	8.92e-007	5.38e-007
688	2.13e-004	-1.30e-005	-4.37e-004	-2.72e-007	1.36e-005	-2.96e-007
689	2.07e-004	-7.41e-006	-1.36e-004	2.53e-007	6.79e-006	-2.73e-007
690	2.09e-004	1.23e-005	4.18e-004	2.44e-007	1.32e-005	-3.08e-007
691	2.05e-004	6.26e-006	1.30e-004	-2.43e-007	6.44e-006	-2.79e-007
692	2.09e-004	-8.01e-006	-1.09e-005	-3.17e-007	-1.19e-006	1.08e-006
693	2.08e-004	7.80e-006	2.61e-005	6.00e-008	-1.10e-006	1.05e-006
694	0.00	0.00	0.00	0.00	0.00	0.00
695	0.00	0.00	0.00	0.00	0.00	0.00
696	5.92e-002	6.06e-003	3.04e-003	3.07e-006	9.28e-005	4.34e-005
697	5.76e-002	3.47e-003	-2.69e-003	-5.31e-006	7.98e-005	-6.11e-006
698	0.15	1.73e-002	-3.27e-003	-1.34e-005	9.51e-005	1.25e-004
699	0.15	-1.05e-002	4.12e-003	1.35e-005	9.47e-005	1.24e-004
700	0.12	-1.06e-002	7.76e-003	8.25e-006	8.51e-005	1.31e-004
701	0.12	1.74e-002	-6.65e-003	-5.00e-006	7.08e-005	1.30e-004
702	0.12	1.05e-002	-2.98e-003	7.56e-008	6.08e-005	1.26e-004
703	0.12	-3.61e-003	3.36e-003	-4.56e-006	7.15e-005	1.27e-004
704	7.31e-002	4.49e-003	-6.20e-004	4.10e-006	8.23e-005	1.65e-005
705	7.32e-002	4.30e-003	1.50e-003	-4.97e-006	8.26e-005	-1.99e-005

706	0.15	1.05e-002	1.05e-003	-4.88e-005	3.75e-005	1.27e-004
707	0.15	-3.71e-003	-1.68e-004	4.70e-005	3.70e-005	1.27e-004
708	7.19e-002	3.40e-003	4.55e-003	7.14e-006	1.05e-004	3.93e-005
709	6.27e-002	3.35e-003	7.24e-003	1.31e-005	1.18e-004	7.98e-005
710	0.13	1.74e-002	-6.23e-003	-1.55e-005	6.30e-005	1.31e-004

SPOSTAMENTI NODALI "PERM" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	-4.66e-006	2.12e-006	-1.67e-004	1.23e-006	-4.48e-006	5.07e-007
2	9.97e-004	-9.73e-004	-7.69e-003	2.23e-006	-1.04e-006	-3.09e-008
3	9.99e-004	-9.71e-004	-7.74e-003	2.21e-006	-7.86e-007	-4.90e-008
4	3.58e-005	2.39e-006	-2.03e-004	9.13e-007	7.60e-006	-1.05e-006
5	9.44e-004	-1.06e-003	-7.72e-003	2.32e-006	-2.00e-006	-1.03e-007
6	1.03e-003	-8.88e-004	-7.62e-003	2.37e-006	-6.95e-007	6.37e-008
7	9.93e-004	-9.74e-004	-7.66e-003	2.21e-006	-1.04e-006	1.08e-008
8	1.02e-003	-8.87e-004	-7.51e-003	2.32e-006	-7.01e-007	7.34e-008
9	9.92e-004	-9.72e-004	-7.55e-003	2.43e-006	-9.33e-007	1.36e-008
10	9.56e-004	-1.06e-003	-7.58e-003	2.36e-006	-9.89e-007	-5.72e-008
11	-1.02e-005	3.14e-005	-2.09e-004	-4.58e-006	-3.44e-006	3.21e-007
12	1.02e-003	-8.86e-004	-7.40e-003	2.13e-006	-6.78e-007	5.29e-008
13	9.91e-004	-9.71e-004	-7.43e-003	2.48e-006	-8.53e-007	1.87e-008
14	4.18e-005	3.14e-005	-2.46e-004	-4.29e-006	6.60e-006	2.32e-007
15	1.24e-003	-8.84e-004	-7.49e-003	1.84e-006	5.08e-007	-4.82e-007
16	1.22e-003	-8.86e-004	-7.58e-003	1.99e-006	4.93e-007	-4.13e-007
17	1.52e-004	1.19e-004	-1.71e-003	5.50e-007	1.02e-006	-2.53e-006
18	1.25e-003	-9.53e-004	-7.52e-003	1.75e-006	6.01e-008	-3.93e-007
19	1.23e-003	-9.55e-004	-7.61e-003	1.73e-006	1.78e-007	-3.84e-007
20	1.25e-003	-1.02e-003	-7.56e-003	1.86e-006	-9.80e-008	-2.72e-007
21	1.26e-003	-8.82e-004	-7.41e-003	1.70e-006	4.82e-007	-4.67e-007
22	1.27e-003	-9.51e-004	-7.43e-003	2.07e-006	-1.56e-007	-3.98e-007
23	1.27e-003	-8.71e-004	-7.39e-003	1.81e-006	2.47e-007	-3.32e-007
24	1.27e-003	-9.41e-004	-7.44e-003	1.98e-006	-2.70e-008	-3.44e-007
25	1.25e-003	-1.01e-003	-7.46e-003	1.92e-006	-1.21e-006	-3.45e-007
26	1.27e-003	-8.61e-004	-7.38e-003	1.82e-006	1.74e-007	-3.25e-007
27	1.28e-003	-9.31e-004	-7.45e-003	1.95e-006	-7.92e-008	-3.38e-007
28	2.09e-004	1.27e-004	-2.20e-003	-7.02e-007	1.42e-006	-7.31e-007
29	1.09e-003	-8.06e-004	-7.35e-003	1.96e-006	1.49e-008	-5.92e-007
30	1.09e-003	-8.23e-004	-7.35e-003	2.00e-006	7.71e-008	-5.75e-007
31	1.10e-003	-8.89e-004	-7.39e-003	2.54e-006	3.52e-007	-5.88e-007
32	1.09e-003	-9.06e-004	-7.42e-003	2.47e-006	3.90e-007	-5.69e-007
33	1.13e-003	-9.87e-004	-7.42e-003	2.73e-006	1.56e-006	-4.54e-007
34	1.09e-003	-7.90e-004	-7.36e-003	1.83e-006	-2.48e-007	-4.83e-007
35	1.10e-003	-8.71e-004	-7.38e-003	2.56e-006	4.71e-007	-5.45e-007
36	1.08e-003	-7.89e-004	-7.40e-003	2.03e-006	-2.57e-007	-3.86e-007
37	1.09e-003	-8.69e-004	-7.44e-003	2.49e-006	4.51e-007	-4.95e-007
38	2.02e-004	1.40e-004	-1.90e-003	-3.49e-006	1.74e-006	-8.41e-007
39	5.37e-005	1.22e-004	-1.65e-003	-3.51e-006	1.80e-006	-3.18e-006
40	1.11e-003	-9.76e-004	-7.46e-003	3.38e-006	5.63e-007	-7.13e-007
41	1.07e-003	-7.90e-004	-7.47e-003	2.01e-006	-2.89e-007	-4.17e-007
42	1.07e-003	-8.68e-004	-7.54e-003	2.29e-006	2.46e-007	-5.35e-007
43	9.65e-004	-8.76e-004	-7.54e-003	1.58e-006	-2.23e-007	-7.14e-007
44	5.34e-004	1.59e-004	-2.10e-003	-8.47e-008	8.54e-006	3.15e-007
45	5.13e-004	1.32e-004	-2.11e-003	1.03e-006	1.76e-006	1.60e-006
46	4.72e-004	1.49e-004	-2.12e-003	-2.57e-006	7.11e-007	2.78e-006
47	2.11e-004	1.29e-004	-2.25e-003	-1.20e-006	1.54e-006	1.08e-006
48	-1.09e-004	1.55e-004	-1.59e-003	1.98e-006	-8.82e-007	-2.83e-007
49	-1.12e-004	1.42e-004	-1.75e-003	2.18e-006	-4.65e-006	-6.43e-007
50	9.91e-004	-8.76e-004	-7.48e-003	1.61e-006	-1.53e-007	-7.28e-007
51	9.66e-004	-9.31e-004	-7.58e-003	1.20e-006	3.16e-007	-7.47e-007
52	9.94e-004	-9.34e-004	-7.55e-003	1.43e-006	2.76e-007	-7.53e-007
53	9.81e-004	-9.58e-004	-7.60e-003	2.53e-007	4.30e-007	-6.67e-007
54	2.03e-004	1.81e-004	-2.02e-003	-8.45e-007	1.62e-006	1.24e-006
55	2.07e-004	1.63e-004	-2.16e-003	6.10e-008	1.45e-006	-1.36e-006
56	-9.82e-005	6.71e-005	-1.37e-003	7.17e-007	-1.31e-005	-1.34e-006
57	5.09e-004	9.32e-005	-1.49e-003	-4.00e-007	1.67e-005	1.50e-006
58	1.15e-003	-1.33e-003	-8.03e-003	6.97e-006	8.84e-005	-1.33e-006
59	1.00e-003	-1.33e-003	-8.09e-003	-4.66e-006	8.92e-005	-1.33e-006

60	1.00e-003	-1.62e-003	-8.06e-003	-3.42e-006	-9.02e-005	-1.33e-006
61	1.01e-003	3.43e-005	-5.94e-003	1.16e-006	1.04e-006	-3.06e-007
62	1.02e-003	3.45e-005	-5.90e-003	7.99e-007	1.03e-006	-2.80e-007
63	1.15e-003	-1.40e-003	-1.21e-002	6.71e-005	5.10e-005	-1.33e-006
64	1.00e-003	-1.40e-003	-1.22e-002	-6.50e-005	5.15e-005	-1.33e-006
65	1.15e-003	-1.55e-003	-1.21e-002	6.66e-005	-5.11e-005	-1.33e-006
66	1.00e-003	-1.55e-003	-1.22e-002	-6.39e-005	-5.19e-005	-1.33e-006
67	1.30e-003	-8.05e-004	0.00	5.72e-004	-8.30e-005	-3.89e-007
68	1.30e-003	-7.41e-004	0.00	5.72e-004	8.30e-005	-4.06e-007
69	1.21e-003	-8.05e-004	-4.64e-002	-3.34e-004	-8.27e-005	-8.90e-007
70	1.24e-003	-8.05e-004	-5.86e-002	2.29e-005	-8.29e-005	-2.94e-007
71	3.69e-004	6.78e-005	-1.29e-003	7.93e-007	-3.65e-007	4.25e-006
72	4.11e-005	-5.08e-005	-8.81e-004	-8.20e-006	1.76e-005	-1.01e-006
73	1.27e-003	-8.05e-004	-4.29e-002	3.80e-004	-8.29e-005	-4.20e-007
74	1.21e-003	-7.41e-004	-4.63e-002	-3.34e-004	8.32e-005	9.52e-008
75	5.97e-005	5.42e-005	-1.40e-003	-9.37e-007	2.70e-006	-3.10e-006
76	1.02e-004	5.87e-005	-1.42e-003	-3.28e-007	2.48e-006	-3.45e-007
77	1.64e-004	1.25e-004	-1.82e-003	-2.66e-006	1.65e-006	-2.42e-006
78	4.78e-004	5.05e-005	-1.36e-003	-6.42e-007	2.67e-006	-1.39e-008
79	-2.85e-005	-4.96e-005	-6.67e-004	-1.36e-006	1.81e-005	-2.65e-006
80	-6.96e-005	6.84e-005	-1.35e-003	-1.01e-006	3.16e-006	-3.44e-006
81	1.24e-003	-7.41e-004	-5.86e-002	2.28e-005	8.31e-005	-5.01e-007
82	3.61e-004	4.01e-005	-1.23e-003	-2.63e-006	-3.42e-008	-4.76e-006
83	4.86e-005	-2.95e-005	-4.97e-004	-5.98e-007	-1.33e-005	2.07e-006
84	-3.79e-006	1.46e-004	-1.27e-003	-1.14e-006	-3.58e-007	3.32e-006
85	-1.08e-004	1.54e-004	-1.70e-003	1.14e-006	-3.35e-006	-3.96e-009
86	-6.88e-005	4.29e-005	-8.77e-004	-2.58e-006	2.40e-006	4.79e-006
87	5.40e-006	-2.71e-005	-6.61e-004	-6.48e-006	-1.28e-005	5.35e-007
88	4.50e-005	1.44e-004	-1.25e-003	-1.55e-006	-1.44e-006	8.73e-007
89	1.27e-003	-7.41e-004	-4.29e-002	3.80e-004	8.31e-005	-3.75e-007
90	-2.11e-004	6.09e-005	-9.69e-004	-1.76e-006	1.19e-006	2.63e-006
91	1.24e-007	2.52e-005	-8.13e-004	1.24e-007	-1.27e-005	-1.19e-007
92	-1.60e-004	9.49e-005	-1.30e-003	-7.35e-007	2.75e-006	-6.25e-007
93	-6.21e-005	1.37e-004	-1.53e-003	-7.69e-007	1.18e-006	-1.98e-006
94	-2.62e-004	4.91e-005	-1.03e-003	-6.88e-007	5.42e-008	-7.24e-009
95	9.00e-006	6.52e-005	-6.56e-004	6.26e-006	-1.33e-005	-6.80e-007
96	-1.19e-004	1.26e-004	-1.29e-003	-5.45e-007	1.47e-006	2.68e-006
97	1.29e-003	-8.05e-004	-9.96e-003	5.62e-004	-8.30e-005	-3.89e-007
98	1.05e-003	-2.36e-005	-6.18e-003	1.46e-006	7.10e-007	-3.30e-007
99	1.06e-003	-2.39e-005	-6.13e-003	1.32e-006	7.46e-007	-3.18e-007
100	7.72e-005	1.15e-004	-1.17e-003	-1.43e-006	-1.79e-006	-2.41e-006
101	-1.07e-004	1.10e-004	-1.64e-003	1.61e-006	-4.59e-006	-1.41e-006
102	1.07e-003	-9.64e-005	-6.41e-003	1.70e-006	4.14e-007	-3.74e-007
103	1.09e-003	-9.64e-005	-6.35e-003	1.58e-006	4.48e-007	-3.64e-007
104	9.70e-005	3.75e-005	-1.04e-003	-1.80e-006	-2.20e-006	-2.63e-006
105	1.29e-003	-7.41e-004	-9.95e-003	5.62e-004	8.30e-005	-4.06e-007
106	1.09e-003	-1.80e-004	-6.62e-003	1.94e-006	1.87e-007	-3.97e-007
107	1.10e-003	-1.80e-004	-6.56e-003	1.80e-006	2.05e-007	-3.90e-007
108	1.28e-004	-2.26e-005	-9.38e-004	-2.06e-006	2.85e-007	-1.05e-006
109	6.26e-005	4.21e-005	-1.01e-003	-7.07e-007	-3.84e-006	-3.23e-007
110	1.19e-003	-8.05e-004	-1.65e-002	-5.16e-004	-7.91e-005	1.83e-006
111	1.09e-003	-2.71e-004	-6.81e-003	2.10e-006	-2.99e-008	-4.14e-007
112	1.10e-003	-2.71e-004	-6.74e-003	1.70e-006	-1.34e-008	-3.94e-007
113	1.26e-004	-2.21e-005	-9.70e-004	-2.12e-006	2.11e-006	1.04e-006
114	3.21e-004	5.25e-005	-1.04e-003	-1.00e-006	5.87e-006	8.77e-007
115	1.08e-003	-3.70e-004	-6.99e-003	2.28e-006	-2.88e-007	-4.44e-007
116	1.10e-003	-3.70e-004	-6.91e-003	2.14e-006	-2.50e-007	-4.39e-007
117	1.58e-004	3.67e-005	-1.15e-003	-1.92e-006	4.74e-006	2.47e-006
118	1.17e-003	-7.41e-004	-1.65e-002	-5.16e-004	7.96e-005	-2.63e-006
119	1.06e-003	-4.77e-004	-7.14e-003	2.36e-006	-4.85e-007	-4.90e-007
120	1.08e-003	-4.77e-004	-7.06e-003	2.24e-006	-4.45e-007	-4.85e-007
121	1.80e-004	1.06e-004	-1.37e-003	-1.47e-006	4.97e-006	1.98e-006
122	5.26e-004	1.36e-004	-1.87e-003	7.87e-008	8.47e-006	1.18e-006
123	1.04e-003	-5.88e-004	-7.27e-003	2.40e-006	-5.94e-007	-5.23e-007
124	1.06e-003	-5.88e-004	-7.19e-003	2.29e-006	-5.62e-007	-5.24e-007
125	2.15e-004	1.18e-004	-1.56e-003	-1.99e-006	4.67e-006	-1.62e-006
126	1.01e-003	-6.97e-004	-7.39e-003	2.35e-006	-6.58e-007	-5.49e-007
127	1.03e-003	-6.95e-004	-7.31e-003	2.01e-006	-6.18e-007	-5.72e-007

128	9.80e-004	-8.02e-004	-7.48e-003	2.18e-006	-5.86e-007	-6.19e-007
129	3.78e-004	1.18e-004	-1.68e-003	-1.80e-006	1.42e-006	-4.09e-006
130	5.41e-004	1.51e-004	-2.13e-003	-9.31e-007	4.77e-006	-1.86e-007
131	1.12e-003	-9.73e-004	-7.40e-003	2.67e-006	3.83e-007	-5.98e-007
132	1.08e-003	-9.78e-004	-7.61e-003	4.18e-006	4.27e-007	-7.54e-007
133	4.82e-004	9.81e-005	-1.74e-003	-7.03e-007	-8.62e-007	5.52e-007
134	9.50e-004	-1.06e-003	-7.68e-003	2.60e-006	-9.70e-007	-1.26e-007
135	9.57e-004	-1.06e-003	-7.44e-003	2.56e-006	-9.32e-007	-2.58e-008
136	1.29e-003	-7.73e-004	-1.41e-002	5.62e-004	1.54e-008	-3.98e-007
137	1.24e-003	-1.02e-003	-7.62e-003	1.66e-006	2.49e-008	-3.11e-007
138	1.26e-003	-1.02e-003	-7.46e-003	1.72e-006	-9.07e-008	-2.31e-007
139	1.01e-003	-9.52e-004	-7.62e-003	-1.38e-006	4.22e-007	-7.55e-007
140	3.24e-004	8.49e-005	-1.76e-003	6.69e-008	-8.11e-007	4.54e-006
141	3.24e-004	1.34e-004	-2.22e-003	-6.28e-007	5.86e-007	3.30e-006
142	9.66e-004	-9.62e-004	-7.62e-003	9.77e-007	2.34e-007	-7.28e-007
143	1.14e-003	-1.00e-003	-7.49e-003	2.63e-006	2.49e-006	-4.66e-007
144	1.63e-004	9.07e-005	-1.74e-003	-1.62e-007	7.26e-007	1.08e-006
145	1.27e-003	-7.72e-004	-4.71e-002	3.80e-004	7.54e-008	-3.98e-007
146	1.24e-003	-1.00e-003	-7.52e-003	1.94e-006	-2.16e-006	-3.50e-007
147	9.76e-004	-1.01e-003	-7.71e-003	1.13e-006	2.90e-006	-6.96e-007
148	1.11e-004	1.05e-004	-1.50e-003	5.54e-007	2.10e-006	3.01e-006
149	2.03e-004	1.45e-004	-1.96e-003	-2.13e-006	1.87e-006	9.99e-007
150	9.43e-004	-1.05e-003	-7.81e-003	2.20e-006	-2.94e-006	-1.68e-007
151	9.50e-004	-8.93e-004	-7.57e-003	1.73e-006	-5.33e-008	-5.27e-007
152	1.16e-004	1.98e-004	-1.56e-003	1.48e-006	2.18e-006	3.08e-006
153	1.24e-003	-7.77e-004	-6.27e-002	2.29e-005	1.42e-007	-3.98e-007
154	9.50e-004	-8.76e-004	-7.57e-003	1.77e-006	-3.20e-007	-6.22e-007
155	9.46e-004	-9.47e-004	-7.61e-003	1.16e-006	1.99e-007	-5.82e-007
156	1.25e-004	2.69e-004	-1.62e-003	2.01e-006	1.64e-006	1.22e-006
157	2.03e-004	2.09e-004	-2.08e-003	2.13e-007	1.54e-006	3.91e-007
158	1.21e-003	-7.53e-004	-5.05e-002	-3.34e-004	2.08e-007	-3.98e-007
159	9.50e-004	-9.29e-004	-7.60e-003	1.10e-006	2.40e-007	-6.62e-007
160	9.72e-004	-9.86e-004	-7.64e-003	9.78e-007	1.30e-006	-7.66e-007
161	1.32e-004	2.70e-004	-1.66e-003	2.05e-006	8.61e-007	-1.13e-006
162	2.04e-004	2.01e-004	-2.12e-003	5.12e-007	1.48e-006	-7.76e-007
163	9.49e-004	-9.12e-004	-7.56e-003	1.74e-006	-1.83e-007	-5.31e-007
164	9.43e-004	-9.67e-004	-7.63e-003	1.28e-006	-1.04e-007	-5.80e-007
165	1.44e-004	2.03e-004	-1.68e-003	1.55e-006	4.45e-007	-2.86e-006
166	1.18e-003	-8.62e-004	-2.05e-002	-5.16e-004	2.69e-007	-3.98e-007
167	1.03e-003	-8.89e-004	-7.65e-003	2.29e-006	-8.86e-007	-7.18e-011
168	1.03e-003	-8.89e-004	-7.67e-003	2.24e-006	-7.59e-007	-9.68e-009
169	2.81e-004	3.40e-004	-2.35e-003	-5.07e-006	1.40e-006	-1.98e-006
170	1.25e-004	3.45e-004	-1.95e-003	-1.23e-005	1.39e-006	-3.26e-006
171	8.83e-004	1.73e-004	-2.56e-003	-2.27e-007	5.81e-006	1.79e-006
172	6.85e-004	1.66e-004	-2.61e-003	-6.29e-007	4.04e-006	2.29e-006
173	4.80e-004	1.88e-004	-2.62e-003	-7.09e-007	3.77e-008	2.58e-006
174	2.86e-004	1.81e-004	-2.70e-003	-1.02e-006	1.70e-006	9.23e-007
175	-1.55e-004	4.68e-006	-1.89e-003	1.09e-005	-8.17e-007	-2.47e-006
176	-2.67e-004	1.08e-005	-2.20e-003	3.66e-006	-1.70e-006	-1.27e-006
177	2.82e-004	2.63e-004	-2.45e-003	-2.24e-006	1.68e-006	-8.38e-007
178	2.84e-004	1.83e-004	-2.61e-003	-7.76e-007	1.53e-006	-6.80e-007
179	-2.74e-004	-3.08e-005	-2.13e-003	2.40e-006	-5.24e-007	-4.87e-007
180	8.90e-004	9.16e-005	-2.24e-003	4.01e-008	4.73e-006	1.22e-006
181	2.32e-004	3.42e-004	-2.26e-003	-3.94e-006	1.29e-006	-2.51e-006
182	-2.68e-005	1.75e-004	-1.58e-003	-7.43e-007	5.32e-007	-3.49e-006
183	-2.32e-004	7.64e-006	-2.14e-003	2.36e-006	-1.30e-006	-1.95e-006
184	-2.84e-004	-1.42e-005	-2.15e-003	2.83e-006	-3.10e-007	-5.57e-007
185	8.99e-004	1.29e-004	-2.39e-003	3.73e-008	4.72e-006	1.25e-006
186	7.87e-004	1.65e-004	-2.58e-003	-5.39e-007	4.74e-006	2.26e-006
187	3.65e-004	1.88e-004	-2.66e-003	-8.03e-007	9.19e-007	2.31e-006
188	2.85e-004	1.70e-004	-2.65e-003	-9.72e-007	1.53e-006	-6.78e-008
189	2.83e-004	2.11e-004	-2.56e-003	-7.50e-007	1.53e-006	-8.51e-007
190	2.82e-004	2.38e-004	-2.51e-003	-1.21e-006	1.66e-006	-7.63e-007
191	0.00	0.00	0.00	0.00	0.00	0.00
192	0.00	0.00	0.00	0.00	0.00	0.00
193	2.81e-004	2.92e-004	-2.40e-003	-3.46e-006	1.77e-006	-1.27e-006
194	5.60e-004	4.44e-004	-3.67e-003	9.82e-007	1.61e-006	-1.44e-006
195	4.69e-004	4.40e-004	-3.72e-003	8.49e-007	2.11e-006	-1.58e-006

196	9.18e-004	2.69e-004	-3.93e-003	-6.16e-007	-4.15e-006	8.75e-007
197	8.31e-004	2.68e-004	-3.97e-003	-4.71e-007	-1.64e-006	9.49e-007
198	5.83e-004	2.56e-004	-4.02e-003	4.03e-008	1.15e-006	4.78e-007
199	5.53e-004	2.57e-004	-4.02e-003	-6.89e-008	1.63e-006	1.32e-008
200	4.94e-004	2.00e-004	-3.68e-003	-1.99e-006	7.04e-006	-4.80e-007
201	4.66e-004	1.96e-004	-3.56e-003	-2.26e-006	8.15e-006	-4.88e-007
202	5.58e-004	3.65e-004	-3.77e-003	5.63e-007	1.63e-006	-1.22e-006
203	5.54e-004	2.72e-004	-3.93e-003	3.83e-009	1.58e-006	-5.39e-007
204	4.68e-004	1.70e-004	-4.11e-003	-2.02e-006	1.42e-005	-1.60e-007
205	9.22e-004	2.14e-004	-4.25e-003	-9.32e-007	-1.07e-005	8.22e-007
206	-2.38e-004	-8.25e-005	-2.62e-003	9.16e-009	2.20e-006	-2.23e-007
207	-2.38e-004	-6.64e-005	-2.54e-003	1.34e-007	2.58e-006	-9.35e-007
208	-5.90e-005	-2.22e-005	-3.07e-003	-2.53e-006	5.42e-006	-4.40e-007
209	-5.95e-005	-2.39e-006	-2.91e-003	-2.69e-006	5.72e-006	-9.16e-007
210	2.24e-004	1.04e-004	-3.51e-003	-2.96e-006	7.18e-006	-4.38e-007
211	2.35e-004	1.22e-004	-3.29e-003	-3.02e-006	7.77e-006	-7.76e-007
212	4.68e-004	1.80e-004	-3.78e-003	-2.22e-006	7.71e-006	-5.08e-007
213	-2.37e-004	-8.92e-005	-2.70e-003	-9.41e-010	2.69e-006	-1.89e-007
214	-5.99e-005	-3.26e-005	-3.23e-003	-2.46e-006	5.75e-006	-3.00e-007
215	2.20e-004	9.38e-005	-3.74e-003	-3.01e-006	7.17e-006	-2.97e-007
216	1.05e-003	1.42e-004	-2.87e-003	-5.69e-007	2.67e-006	1.50e-006
217	1.06e-003	1.00e-004	-2.80e-003	-5.20e-007	2.18e-006	1.36e-006
218	1.10e-003	1.74e-004	-3.33e-003	-8.41e-007	-3.16e-007	1.46e-006
219	1.10e-003	1.33e-004	-3.34e-003	-9.73e-007	-5.39e-007	1.33e-006
220	1.04e-003	2.15e-004	-3.77e-003	-9.64e-007	-2.49e-006	1.13e-006
221	1.04e-003	1.82e-004	-3.86e-003	-1.18e-006	-2.33e-006	1.07e-006
222	9.17e-004	2.41e-004	-4.03e-003	-7.89e-007	-3.64e-006	9.69e-007
223	1.06e-003	1.93e-004	-2.95e-003	-7.19e-007	2.31e-006	1.99e-006
224	1.10e-003	2.24e-004	-3.33e-003	-7.27e-007	-3.36e-007	1.89e-006
225	1.02e-003	2.53e-004	-3.69e-003	-7.92e-007	-2.96e-006	1.46e-006
226	9.48e-004	1.94e-004	-2.98e-003	-5.92e-007	2.45e-006	2.48e-006
227	1.00e-003	2.24e-004	-3.36e-003	-6.18e-007	-1.01e-007	2.21e-006
228	9.48e-004	2.53e-004	-3.72e-003	-4.89e-007	-2.17e-006	1.61e-006
229	8.76e-004	2.69e-004	-3.96e-003	-2.41e-007	-2.57e-006	8.89e-007
230	8.36e-004	1.95e-004	-3.01e-003	-8.03e-007	2.57e-006	2.37e-006
231	9.00e-004	2.25e-004	-3.39e-003	-7.54e-007	3.60e-007	2.09e-006
232	8.76e-004	2.54e-004	-3.75e-003	-6.67e-007	-1.31e-006	1.50e-006
233	4.09e-004	2.17e-004	-3.05e-003	-6.32e-007	1.13e-006	1.49e-006
234	4.88e-004	2.16e-004	-3.03e-003	-4.97e-007	3.61e-007	1.76e-006
235	4.62e-004	2.40e-004	-3.43e-003	-4.44e-007	1.29e-006	9.29e-007
236	5.13e-004	2.40e-004	-3.41e-003	-3.86e-007	7.45e-007	1.14e-006
237	5.22e-004	2.53e-004	-3.79e-003	-2.03e-007	1.40e-006	5.34e-007
238	5.52e-004	2.53e-004	-3.78e-003	-1.36e-007	1.02e-006	6.91e-007
239	5.63e-004	2.56e-004	-4.02e-003	-5.72e-008	1.43e-006	3.52e-007
240	3.58e-004	2.18e-004	-3.09e-003	-6.86e-007	1.69e-006	6.11e-007
241	4.32e-004	2.40e-004	-3.45e-003	-4.71e-007	1.71e-006	2.99e-007
242	5.06e-004	2.53e-004	-3.80e-003	-2.25e-007	1.68e-006	9.42e-008
243	3.58e-004	2.10e-004	-3.04e-003	-7.98e-007	1.59e-006	-6.09e-008
244	4.32e-004	2.39e-004	-3.41e-003	-5.27e-007	1.59e-006	-2.02e-007
245	5.06e-004	2.56e-004	-3.76e-003	-2.40e-007	1.57e-006	-2.69e-007
246	5.54e-004	2.60e-004	-3.98e-003	-4.33e-008	1.53e-006	-2.49e-007
247	3.57e-004	2.21e-004	-2.99e-003	-8.36e-007	1.64e-006	-6.33e-007
248	4.32e-004	2.52e-004	-3.36e-003	-5.62e-007	1.64e-006	-6.68e-007
249	5.06e-004	2.69e-004	-3.71e-003	-2.18e-007	1.61e-006	-6.14e-007
250	3.57e-004	2.50e-004	-2.94e-003	-8.99e-007	1.63e-006	-1.10e-006
251	4.32e-004	2.82e-004	-3.31e-003	-5.25e-007	1.64e-006	-1.14e-006
252	5.07e-004	2.95e-004	-3.66e-003	-1.04e-007	1.61e-006	-9.74e-007
253	5.55e-004	2.95e-004	-3.88e-003	1.29e-007	1.57e-006	-8.27e-007
254	3.56e-004	2.92e-004	-2.89e-003	-1.11e-006	1.70e-006	-1.49e-006
255	4.32e-004	3.26e-004	-3.25e-003	-4.31e-007	1.73e-006	-1.57e-006
256	5.08e-004	3.33e-004	-3.60e-003	9.60e-008	1.68e-006	-1.28e-006
257	5.56e-004	3.27e-004	-3.83e-003	3.22e-007	1.63e-006	-1.06e-006
258	3.55e-004	3.48e-004	-2.83e-003	-1.46e-006	1.73e-006	-1.99e-006
259	4.32e-004	3.85e-004	-3.19e-003	-2.28e-007	1.79e-006	-1.97e-006
260	5.10e-004	3.79e-004	-3.55e-003	3.94e-007	1.71e-006	-1.49e-006
261	3.53e-004	4.13e-004	-2.77e-003	-1.75e-006	1.90e-006	-2.53e-006
262	4.32e-004	4.47e-004	-3.14e-003	1.20e-007	2.03e-006	-2.23e-006
263	5.11e-004	4.25e-004	-3.49e-003	7.40e-007	1.90e-006	-1.59e-006

264	5.59e-004	4.03e-004	-3.72e-003	7.89e-007	1.74e-006	-1.31e-006
265	3.53e-004	4.90e-004	-2.71e-003	-2.13e-006	1.83e-006	-2.62e-006
266	4.32e-004	5.14e-004	-3.07e-003	5.28e-007	2.07e-006	-2.25e-006
267	5.12e-004	4.75e-004	-3.43e-003	1.12e-006	1.85e-006	-1.71e-006
268	2.98e-004	5.06e-004	-2.65e-003	-1.76e-006	1.77e-006	-2.48e-006
269	3.83e-004	5.12e-004	-3.06e-003	-3.25e-007	2.09e-006	-2.20e-006
270	4.73e-004	4.72e-004	-3.44e-003	5.43e-007	1.95e-006	-1.80e-006
271	5.27e-004	4.41e-004	-3.68e-003	6.14e-007	1.79e-006	-1.54e-006
272	2.04e-004	4.99e-004	-2.59e-003	-6.06e-007	2.05e-006	-2.58e-006
273	3.02e-004	5.14e-004	-3.06e-003	9.70e-007	2.37e-006	-2.19e-006
274	4.05e-004	4.54e-004	-3.48e-003	1.88e-006	2.27e-006	-1.83e-006
275	-2.09e-004	-8.19e-005	-2.53e-003	-2.24e-007	2.38e-006	-1.66e-006
276	-1.41e-004	-7.48e-005	-2.54e-003	-1.24e-006	1.91e-006	-1.98e-006
277	-3.53e-005	-1.12e-007	-2.95e-003	-1.76e-006	5.48e-006	-1.26e-006
278	1.52e-005	-2.48e-006	-3.03e-003	-3.00e-006	5.09e-006	-1.42e-006
279	2.54e-004	1.25e-004	-3.35e-003	-2.36e-006	7.49e-006	-9.22e-007
280	2.87e-004	1.42e-004	-3.44e-003	-3.54e-006	7.03e-006	-8.95e-007
281	4.76e-004	1.99e-004	-3.61e-003	-1.84e-006	7.65e-006	-3.89e-007
282	7.62e-004	2.79e-004	-4.73e-003	1.26e-006	1.22e-006	-5.88e-007
283	7.26e-004	2.76e-004	-4.80e-003	1.43e-006	1.48e-006	-5.78e-007
284	9.16e-004	1.89e-004	-5.08e-003	1.52e-006	3.15e-006	3.14e-007
285	8.78e-004	1.91e-004	-4.96e-003	1.19e-006	2.11e-006	3.89e-007
286	7.54e-004	1.99e-004	-5.07e-003	8.48e-007	1.16e-006	-2.21e-008
287	7.60e-004	1.99e-004	-5.00e-003	7.48e-007	1.27e-006	-1.17e-007
288	9.12e-004	2.28e-004	-4.74e-003	7.28e-007	-3.80e-007	-3.28e-007
289	8.89e-004	2.25e-004	-4.81e-003	1.23e-006	-9.39e-007	-3.99e-007
290	7.62e-004	2.47e-004	-4.80e-003	1.04e-006	1.25e-006	-4.80e-007
291	7.60e-004	2.10e-004	-4.93e-003	8.04e-007	1.26e-006	-2.42e-007
292	8.71e-004	2.04e-004	-4.73e-003	9.79e-007	-4.27e-006	-2.86e-007
293	9.37e-004	1.82e-004	-4.85e-003	1.20e-006	6.61e-006	-7.93e-008
294	8.26e-004	2.57e-004	-4.24e-003	-4.64e-007	3.30e-006	-5.69e-007
295	8.12e-004	2.69e-004	-4.11e-003	-3.75e-007	3.95e-006	-1.88e-007
296	9.03e-004	2.52e-004	-4.52e-003	5.96e-007	1.52e-006	-4.60e-007
297	8.99e-004	2.64e-004	-4.48e-003	8.35e-007	4.91e-007	-2.62e-007
298	8.84e-004	2.14e-004	-4.81e-003	1.08e-006	-1.80e-008	-3.07e-007
299	8.17e-004	2.41e-004	-4.38e-003	-4.66e-007	3.78e-006	-4.99e-007
300	8.93e-004	2.38e-004	-4.55e-003	5.10e-007	4.98e-007	-4.41e-007
301	7.55e-004	2.59e-004	-4.47e-003	2.09e-007	-2.37e-007	5.39e-007
302	7.61e-004	2.43e-004	-4.53e-003	1.03e-008	-8.69e-007	5.03e-007
303	7.98e-004	2.33e-004	-4.74e-003	9.63e-007	1.14e-006	2.50e-007
304	8.07e-004	2.25e-004	-4.69e-003	7.90e-007	2.25e-006	1.99e-007
305	9.22e-004	1.83e-004	-5.02e-003	1.26e-006	2.26e-006	6.60e-008
306	7.71e-004	2.69e-004	-4.43e-003	4.99e-007	-9.61e-007	4.25e-008
307	8.03e-004	2.38e-004	-4.78e-003	1.39e-006	2.11e-006	5.29e-008
308	6.13e-004	1.77e-004	-4.47e-003	-1.33e-006	4.49e-006	3.30e-007
309	8.08e-004	2.30e-004	-4.50e-003	-3.41e-007	1.70e-006	-1.81e-007
310	8.71e-004	2.27e-004	-4.57e-003	4.75e-007	1.18e-006	-2.66e-007
311	8.81e-004	1.96e-004	-4.60e-003	8.56e-007	-8.18e-007	-2.73e-007
312	7.91e-004	1.92e-004	-4.52e-003	-1.02e-006	-1.77e-006	5.46e-007
313	7.67e-004	2.31e-004	-4.55e-003	-1.84e-007	1.26e-006	2.05e-007
314	8.26e-004	2.22e-004	-4.62e-003	5.78e-007	1.58e-006	-1.12e-008
315	9.34e-004	1.88e-004	-4.65e-003	9.44e-007	3.70e-006	-2.38e-007
316	7.77e-004	2.69e-004	-4.41e-003	4.63e-007	-4.60e-007	-1.57e-007
317	8.04e-004	2.37e-004	-4.72e-003	8.90e-007	1.66e-006	-5.86e-008
318	8.97e-004	1.89e-004	-5.01e-003	1.15e-006	2.48e-006	4.35e-007
319	7.73e-004	2.65e-004	-4.39e-003	3.49e-007	-1.45e-007	1.51e-007
320	8.01e-004	2.37e-004	-4.68e-003	9.46e-007	1.37e-006	1.30e-007
321	6.44e-004	2.48e-004	-4.45e-003	2.82e-007	1.39e-006	1.10e-007
322	6.52e-004	2.49e-004	-4.47e-003	3.96e-007	1.22e-006	1.84e-007
323	7.02e-004	2.28e-004	-4.75e-003	5.26e-007	1.31e-006	1.02e-008
324	7.03e-004	2.28e-004	-4.78e-003	6.51e-007	1.21e-006	5.90e-008
325	7.56e-004	1.99e-004	-5.04e-003	7.26e-007	1.22e-006	-5.18e-008
326	6.43e-004	2.47e-004	-4.44e-003	2.77e-007	1.51e-006	-7.62e-008
327	7.04e-004	2.28e-004	-4.73e-003	5.33e-007	1.38e-006	-1.01e-007
328	6.43e-004	2.52e-004	-4.40e-003	3.26e-007	1.41e-006	-2.29e-007
329	7.04e-004	2.32e-004	-4.69e-003	5.77e-007	1.32e-006	-1.92e-007
330	7.60e-004	2.03e-004	-4.96e-003	7.87e-007	1.22e-006	-1.70e-007
331	6.43e-004	2.61e-004	-4.35e-003	3.71e-007	1.46e-006	-3.92e-007

332	7.04e-004	2.40e-004	-4.65e-003	6.07e-007	1.36e-006	-3.04e-007
333	6.44e-004	2.77e-004	-4.31e-003	4.73e-007	1.44e-006	-5.73e-007
334	7.05e-004	2.52e-004	-4.60e-003	6.85e-007	1.35e-006	-4.32e-007
335	7.60e-004	2.19e-004	-4.89e-003	8.57e-007	1.25e-006	-3.28e-007
336	6.45e-004	2.99e-004	-4.26e-003	6.18e-007	1.48e-006	-7.32e-007
337	7.05e-004	2.69e-004	-4.56e-003	7.98e-007	1.37e-006	-5.51e-007
338	7.61e-004	2.32e-004	-4.84e-003	9.35e-007	1.26e-006	-4.09e-007
339	6.46e-004	3.26e-004	-4.21e-003	7.88e-007	1.46e-006	-8.67e-007
340	7.06e-004	2.89e-004	-4.51e-003	9.41e-007	1.36e-006	-6.55e-007
341	6.47e-004	3.54e-004	-4.16e-003	9.55e-007	1.54e-006	-9.78e-007
342	7.07e-004	3.10e-004	-4.47e-003	1.09e-006	1.40e-006	-7.34e-007
343	7.62e-004	2.62e-004	-4.76e-003	1.15e-006	1.28e-006	-5.33e-007
344	6.48e-004	3.84e-004	-4.12e-003	1.12e-006	1.42e-006	-1.06e-006
345	7.07e-004	3.33e-004	-4.43e-003	1.25e-006	1.33e-006	-7.96e-007
346	6.24e-004	3.84e-004	-4.14e-003	1.02e-006	1.58e-006	-1.09e-006
347	6.89e-004	3.33e-004	-4.45e-003	1.16e-006	1.47e-006	-8.24e-007
348	7.49e-004	2.78e-004	-4.75e-003	1.19e-006	1.33e-006	-6.18e-007
349	5.83e-004	3.85e-004	-4.18e-003	1.37e-006	1.85e-006	-1.12e-006
350	6.58e-004	3.33e-004	-4.50e-003	1.39e-006	1.69e-006	-8.39e-007
351	8.13e-004	2.69e-004	-4.11e-003	-3.01e-007	3.77e-006	8.48e-008
352	8.12e-004	2.69e-004	-4.13e-003	-6.53e-007	3.65e-006	6.15e-008
353	9.04e-004	2.64e-004	-4.46e-003	8.27e-007	6.42e-007	-1.05e-007
354	9.07e-004	2.63e-004	-4.44e-003	4.83e-007	8.82e-007	-6.43e-008
355	8.98e-004	2.25e-004	-4.78e-003	1.27e-006	-6.62e-007	-4.44e-007
356	1.12e-003	-7.27e-004	-7.31e-003	1.46e-006	-8.43e-007	-4.55e-007
357	1.09e-003	-7.27e-004	-7.40e-003	1.58e-006	-7.00e-007	-4.49e-007
358	1.05e-003	-8.04e-004	-7.57e-003	2.33e-006	-4.32e-007	5.79e-008
359	1.04e-003	-8.04e-004	-7.35e-003	2.19e-006	-4.92e-007	5.47e-008
360	1.20e-003	-8.15e-004	-7.53e-003	1.91e-006	7.63e-007	-3.51e-007
361	1.23e-003	-8.16e-004	-7.36e-003	1.68e-006	1.14e-006	-3.95e-007
362	1.00e-003	-8.03e-004	-7.40e-003	2.19e-006	-5.04e-007	-6.45e-007
363	9.67e-004	-8.03e-004	-7.53e-003	2.21e-006	-6.67e-007	-5.95e-007
364	1.12e-003	-7.55e-004	-7.23e-003	1.72e-006	-3.15e-006	-4.65e-007
365	1.23e-003	-7.94e-004	-7.27e-003	1.81e-006	3.58e-006	-3.47e-007
366	9.67e-004	-8.39e-004	-7.49e-003	2.15e-006	-6.75e-007	-5.44e-007
367	1.05e-003	-8.06e-004	-7.61e-003	2.23e-006	-4.02e-007	3.23e-008
368	8.61e-004	1.62e-004	-5.12e-003	1.11e-006	5.16e-007	-2.80e-007
369	8.70e-004	1.73e-004	-5.12e-003	1.12e-006	-3.58e-008	-4.58e-007
370	8.96e-004	1.14e-004	-5.43e-003	9.55e-007	6.27e-007	-3.20e-007
371	8.95e-004	1.25e-004	-5.41e-003	8.98e-007	9.06e-007	-3.89e-007
372	9.45e-004	7.07e-005	-5.72e-003	9.50e-007	1.01e-006	-3.55e-007
373	9.45e-004	8.13e-005	-5.69e-003	8.96e-007	1.17e-006	-3.53e-007
374	9.99e-004	2.33e-005	-5.99e-003	1.12e-006	8.90e-007	-3.83e-007
375	9.98e-004	3.42e-005	-5.96e-003	1.06e-006	1.04e-006	-3.40e-007
376	1.04e-003	-3.54e-005	-6.23e-003	1.42e-006	5.84e-007	-3.97e-007
377	1.04e-003	-2.40e-005	-6.21e-003	1.40e-006	6.83e-007	-3.61e-007
378	1.06e-003	-1.08e-004	-6.46e-003	1.70e-006	4.03e-007	-3.96e-007
379	1.06e-003	-9.64e-005	-6.45e-003	1.70e-006	3.81e-007	-3.84e-007
380	1.08e-003	-1.92e-004	-6.67e-003	1.90e-006	1.43e-007	-4.05e-007
381	1.08e-003	-1.80e-004	-6.66e-003	1.88e-006	1.61e-007	-4.00e-007
382	1.08e-003	-2.84e-004	-6.86e-003	2.06e-006	-7.87e-008	-4.38e-007
383	1.08e-003	-2.71e-004	-6.86e-003	2.02e-006	-4.91e-008	-4.25e-007
384	1.07e-003	-3.84e-004	-7.03e-003	2.25e-006	-3.31e-007	-4.74e-007
385	1.07e-003	-3.70e-004	-7.04e-003	2.23e-006	-3.22e-007	-4.59e-007
386	1.05e-003	-4.92e-004	-7.18e-003	2.37e-006	-4.76e-007	-4.97e-007
387	1.05e-003	-4.77e-004	-7.19e-003	2.36e-006	-5.27e-007	-4.93e-007
388	1.03e-003	-6.03e-004	-7.31e-003	2.40e-006	-5.85e-007	-5.27e-007
389	1.03e-003	-5.87e-004	-7.33e-003	2.38e-006	-6.32e-007	-5.25e-007
390	9.99e-004	-7.14e-004	-7.42e-003	2.36e-006	-6.25e-007	-5.68e-007
391	9.98e-004	-6.97e-004	-7.44e-003	2.34e-006	-6.99e-007	-5.61e-007
392	9.68e-004	-8.20e-004	-7.51e-003	2.16e-006	-5.77e-007	-5.62e-007
393	8.67e-004	1.53e-004	-5.13e-003	1.12e-006	5.61e-007	-2.54e-007
394	8.96e-004	1.04e-004	-5.46e-003	9.89e-007	1.11e-006	-3.02e-007
395	9.45e-004	5.84e-005	-5.76e-003	9.73e-007	1.38e-006	-3.52e-007
396	1.00e-003	9.76e-006	-6.02e-003	1.13e-006	1.35e-006	-3.94e-007
397	1.04e-003	-4.94e-005	-6.26e-003	1.42e-006	7.78e-007	-4.02e-007
398	1.06e-003	-1.22e-004	-6.48e-003	1.70e-006	5.16e-007	-4.02e-007
399	1.08e-003	-2.06e-004	-6.68e-003	1.91e-006	2.62e-007	-4.12e-007

400	1.08e-003	-3.00e-004	-6.86e-003	2.09e-006	2.48e-007	-4.42e-007
401	1.07e-003	-4.01e-004	-7.02e-003	2.27e-006	-2.39e-007	-4.75e-007
402	1.05e-003	-5.10e-004	-7.16e-003	2.39e-006	-4.08e-007	-4.99e-007
403	1.03e-003	-6.22e-004	-7.29e-003	2.42e-006	-5.48e-007	-5.26e-007
404	1.00e-003	-7.33e-004	-7.40e-003	2.37e-006	-3.92e-007	-5.41e-007
405	1.04e-003	1.24e-004	-5.31e-003	1.18e-006	1.33e-006	1.34e-007
406	1.03e-003	1.21e-004	-5.26e-003	1.28e-006	1.27e-006	4.66e-008
407	1.08e-003	7.31e-005	-5.61e-003	1.03e-006	9.47e-007	2.33e-007
408	1.08e-003	6.65e-005	-5.59e-003	1.08e-006	4.52e-007	1.73e-007
409	1.10e-003	2.50e-005	-5.89e-003	1.06e-006	2.66e-007	2.39e-007
410	1.10e-003	1.73e-005	-5.88e-003	1.06e-006	-9.26e-008	2.15e-007
411	1.10e-003	-2.76e-005	-6.14e-003	1.21e-006	1.07e-007	2.02e-007
412	1.10e-003	-3.45e-005	-6.14e-003	1.19e-006	-2.59e-007	1.90e-007
413	1.10e-003	-8.88e-005	-6.38e-003	1.42e-006	9.90e-008	1.64e-007
414	1.10e-003	-9.47e-005	-6.38e-003	1.39e-006	-8.54e-008	1.67e-007
415	1.10e-003	-1.59e-004	-6.60e-003	1.59e-006	-5.42e-009	1.35e-007
416	1.10e-003	-1.64e-004	-6.60e-003	1.57e-006	-1.17e-007	1.37e-007
417	1.10e-003	-2.37e-004	-6.79e-003	1.74e-006	-4.11e-008	1.12e-007
418	1.10e-003	-2.41e-004	-6.80e-003	1.73e-006	-1.51e-007	1.12e-007
419	1.10e-003	-3.21e-004	-6.97e-003	1.87e-006	-7.76e-008	9.23e-008
420	1.10e-003	-3.24e-004	-6.98e-003	1.86e-006	-2.56e-007	8.95e-008
421	1.09e-003	-4.10e-004	-7.13e-003	1.97e-006	-1.04e-007	7.62e-008
422	1.09e-003	-4.13e-004	-7.14e-003	1.97e-006	-1.88e-007	7.68e-008
423	1.09e-003	-5.04e-004	-7.27e-003	2.05e-006	-1.84e-007	6.30e-008
424	1.09e-003	-5.07e-004	-7.28e-003	2.05e-006	-2.55e-007	6.52e-008
425	1.08e-003	-6.01e-004	-7.40e-003	2.11e-006	-3.00e-007	5.71e-008
426	1.08e-003	-6.04e-004	-7.41e-003	2.12e-006	-3.34e-007	6.12e-008
427	1.06e-003	-7.02e-004	-7.50e-003	2.18e-006	-3.86e-007	5.29e-008
428	1.06e-003	-7.04e-004	-7.52e-003	2.18e-006	-4.39e-007	6.51e-008
429	1.05e-003	-8.05e-004	-7.59e-003	2.25e-006	-4.92e-007	4.68e-008
430	1.03e-003	1.33e-004	-5.37e-003	1.21e-006	1.86e-006	4.78e-007
431	1.09e-003	8.22e-005	-5.63e-003	9.92e-007	6.40e-007	3.85e-007
432	1.10e-003	3.26e-005	-5.90e-003	1.06e-006	1.20e-007	2.67e-007
433	1.10e-003	-2.18e-005	-6.15e-003	1.24e-006	-1.83e-008	1.79e-007
434	1.10e-003	-8.42e-005	-6.38e-003	1.46e-006	1.03e-008	1.43e-007
435	1.10e-003	-1.55e-004	-6.60e-003	1.64e-006	6.32e-010	1.31e-007
436	1.10e-003	-2.33e-004	-6.79e-003	1.79e-006	-4.39e-008	1.11e-007
437	1.10e-003	-3.18e-004	-6.97e-003	1.92e-006	-8.03e-008	8.89e-008
438	1.09e-003	-4.08e-004	-7.13e-003	2.03e-006	-1.01e-007	7.36e-008
439	1.09e-003	-5.02e-004	-7.27e-003	2.10e-006	-1.60e-007	6.38e-008
440	1.08e-003	-6.00e-004	-7.39e-003	2.17e-006	-2.47e-007	4.87e-008
441	1.06e-003	-7.00e-004	-7.49e-003	2.25e-006	-3.15e-007	3.62e-008
442	1.00e-003	1.34e-004	-5.31e-003	1.17e-006	1.83e-006	7.02e-007
443	1.06e-003	8.27e-005	-5.59e-003	1.13e-006	8.56e-007	5.48e-007
444	1.09e-003	3.28e-005	-5.85e-003	1.16e-006	2.73e-007	3.31e-007
445	1.09e-003	-2.18e-005	-6.09e-003	1.27e-006	5.37e-008	1.93e-007
446	1.10e-003	-8.41e-005	-6.31e-003	1.44e-006	1.73e-008	1.39e-007
447	1.10e-003	-1.55e-004	-6.52e-003	1.60e-006	-2.26e-009	1.26e-007
448	1.10e-003	-2.33e-004	-6.71e-003	1.75e-006	-3.76e-008	1.10e-007
449	1.09e-003	-3.18e-004	-6.88e-003	1.88e-006	-6.95e-008	8.83e-008
450	1.09e-003	-4.08e-004	-7.03e-003	1.99e-006	-1.02e-007	7.31e-008
451	1.08e-003	-5.03e-004	-7.17e-003	2.08e-006	-1.59e-007	6.30e-008
452	1.07e-003	-6.00e-004	-7.29e-003	2.16e-006	-2.35e-007	4.62e-008
453	1.06e-003	-7.01e-004	-7.38e-003	2.23e-006	-3.18e-007	3.70e-008
454	1.04e-003	-8.04e-004	-7.46e-003	2.29e-006	-4.74e-007	6.09e-008
455	9.72e-004	1.35e-004	-5.26e-003	1.09e-006	1.79e-006	5.81e-007
456	1.04e-003	8.44e-005	-5.53e-003	9.93e-007	1.03e-006	5.24e-007
457	1.07e-003	3.25e-005	-5.79e-003	1.04e-006	4.46e-007	3.62e-007
458	1.08e-003	-2.14e-005	-6.03e-003	1.19e-006	1.55e-007	2.30e-007
459	1.09e-003	-8.44e-005	-6.25e-003	1.39e-006	5.61e-008	1.60e-007
460	1.09e-003	-1.55e-004	-6.45e-003	1.56e-006	1.73e-008	1.29e-007
461	1.09e-003	-2.33e-004	-6.63e-003	1.72e-006	-1.61e-008	1.09e-007
462	1.09e-003	-3.19e-004	-6.79e-003	1.83e-006	-4.96e-008	9.02e-008
463	1.09e-003	-4.08e-004	-6.94e-003	1.95e-006	-8.85e-008	7.48e-008
464	1.08e-003	-5.04e-004	-7.07e-003	2.01e-006	-1.45e-007	6.21e-008
465	1.07e-003	-6.00e-004	-7.19e-003	2.07e-006	-2.21e-007	4.96e-008
466	1.06e-003	-7.02e-004	-7.28e-003	2.12e-006	-3.23e-007	4.59e-008
467	8.10e-004	1.58e-004	-5.33e-003	9.35e-007	1.12e-006	-9.34e-008

468	8.06e-004	1.58e-004	-5.37e-003	1.05e-006	1.08e-006	-7.70e-008
469	8.60e-004	1.09e-004	-5.60e-003	1.10e-006	1.02e-006	-1.21e-007
470	8.55e-004	1.07e-004	-5.65e-003	1.20e-006	9.99e-007	-1.12e-007
471	9.06e-004	5.27e-005	-5.86e-003	1.25e-006	9.32e-007	-1.42e-007
472	8.99e-004	5.28e-005	-5.92e-003	1.32e-006	9.14e-007	-1.37e-007
473	9.47e-004	-9.63e-006	-6.09e-003	1.41e-006	8.44e-007	-1.59e-007
474	9.40e-004	-1.03e-005	-6.16e-003	1.47e-006	8.29e-007	-1.57e-007
475	9.85e-004	-7.86e-005	-6.31e-003	1.55e-006	7.57e-007	-1.75e-007
476	9.76e-004	-7.85e-005	-6.39e-003	1.59e-006	7.43e-007	-1.75e-007
477	1.02e-003	-1.54e-004	-6.52e-003	1.71e-006	6.69e-007	-1.92e-007
478	1.01e-003	-1.54e-004	-6.60e-003	1.75e-006	6.54e-007	-1.93e-007
479	1.05e-003	-2.37e-004	-6.70e-003	1.85e-006	5.75e-007	-2.10e-007
480	1.04e-003	-2.37e-004	-6.79e-003	1.90e-006	5.61e-007	-2.11e-007
481	1.07e-003	-3.27e-004	-6.87e-003	2.00e-006	4.79e-007	-2.29e-007
482	1.06e-003	-3.27e-004	-6.96e-003	2.07e-006	4.71e-007	-2.25e-007
483	1.09e-003	-4.24e-004	-7.02e-003	2.11e-006	4.00e-007	-2.37e-007
484	1.08e-003	-4.24e-004	-7.12e-003	2.20e-006	4.14e-007	-2.26e-007
485	1.11e-003	-5.26e-004	-7.15e-003	2.17e-006	4.02e-007	-2.09e-007
486	1.10e-003	-5.25e-004	-7.25e-003	2.30e-006	4.45e-007	-2.04e-007
487	1.13e-003	-6.29e-004	-7.26e-003	2.10e-006	5.98e-007	-1.54e-007
488	1.13e-003	-6.28e-004	-7.36e-003	2.24e-006	6.12e-007	-1.83e-007
489	1.17e-003	-7.26e-004	-7.36e-003	1.98e-006	9.22e-007	-1.93e-007
490	1.16e-003	-7.24e-004	-7.46e-003	2.07e-006	8.11e-007	-2.32e-007
491	1.21e-003	-8.15e-004	-7.44e-003	1.86e-006	9.16e-007	-3.88e-007
492	8.15e-004	1.58e-004	-5.28e-003	9.43e-007	1.17e-006	-1.31e-007
493	8.66e-004	1.09e-004	-5.55e-003	1.11e-006	1.07e-006	-1.44e-007
494	9.13e-004	5.30e-005	-5.80e-003	1.25e-006	9.75e-007	-1.56e-007
495	9.55e-004	-9.53e-006	-6.03e-003	1.39e-006	8.89e-007	-1.67e-007
496	9.93e-004	-7.85e-005	-6.24e-003	1.53e-006	8.04e-007	-1.77e-007
497	1.03e-003	-1.54e-004	-6.44e-003	1.68e-006	7.18e-007	-1.88e-007
498	1.06e-003	-2.37e-004	-6.61e-003	1.84e-006	6.27e-007	-2.00e-007
499	1.08e-003	-3.27e-004	-6.77e-003	2.01e-006	5.31e-007	-2.12e-007
500	1.10e-003	-4.24e-004	-6.91e-003	2.17e-006	4.41e-007	-2.24e-007
501	1.12e-003	-5.26e-004	-7.04e-003	2.28e-006	3.98e-007	-2.23e-007
502	1.14e-003	-6.29e-004	-7.16e-003	2.25e-006	5.87e-007	-2.03e-007
503	1.18e-003	-7.27e-004	-7.27e-003	1.90e-006	1.05e-006	-2.37e-007
504	8.16e-004	1.63e-004	-5.25e-003	9.75e-007	1.12e-006	-1.62e-007
505	8.67e-004	1.14e-004	-5.52e-003	1.13e-006	1.02e-006	-1.63e-007
506	9.13e-004	5.78e-005	-5.77e-003	1.27e-006	9.37e-007	-1.68e-007
507	9.55e-004	-4.40e-006	-6.00e-003	1.41e-006	8.53e-007	-1.75e-007
508	9.93e-004	-7.31e-005	-6.22e-003	1.55e-006	7.71e-007	-1.83e-007
509	1.03e-003	-1.49e-004	-6.41e-003	1.70e-006	6.90e-007	-1.90e-007
510	1.06e-003	-2.31e-004	-6.59e-003	1.85e-006	6.12e-007	-1.95e-007
511	1.08e-003	-3.21e-004	-6.75e-003	2.01e-006	5.42e-007	-1.98e-007
512	1.10e-003	-4.18e-004	-6.90e-003	2.14e-006	5.04e-007	-2.04e-007
513	1.12e-003	-5.19e-004	-7.02e-003	2.21e-006	5.28e-007	-2.27e-007
514	1.14e-003	-6.22e-004	-7.14e-003	2.17e-006	7.02e-007	-2.88e-007
515	1.17e-003	-7.18e-004	-7.24e-003	1.96e-006	9.07e-007	-3.47e-007
516	1.23e-003	-8.05e-004	-7.35e-003	1.80e-006	1.10e-006	-3.68e-007
517	8.16e-004	1.68e-004	-5.22e-003	9.80e-007	1.16e-006	-2.04e-007
518	8.67e-004	1.19e-004	-5.49e-003	1.13e-006	1.06e-006	-1.89e-007
519	9.13e-004	6.31e-005	-5.74e-003	1.27e-006	9.63e-007	-1.86e-007
520	9.55e-004	1.05e-006	-5.98e-003	1.40e-006	8.76e-007	-1.88e-007
521	9.93e-004	-6.75e-005	-6.19e-003	1.54e-006	7.92e-007	-1.93e-007
522	1.03e-003	-1.43e-004	-6.39e-003	1.69e-006	7.10e-007	-1.99e-007
523	1.06e-003	-2.25e-004	-6.57e-003	1.85e-006	6.33e-007	-2.04e-007
524	1.08e-003	-3.15e-004	-6.74e-003	2.01e-006	5.61e-007	-2.07e-007
525	1.11e-003	-4.11e-004	-6.88e-003	2.13e-006	5.15e-007	-2.15e-007
526	1.12e-003	-5.12e-004	-7.00e-003	2.19e-006	5.15e-007	-2.45e-007
527	1.14e-003	-6.13e-004	-7.11e-003	2.12e-006	7.03e-007	-3.09e-007
528	1.17e-003	-7.07e-004	-7.19e-003	1.93e-006	1.31e-006	-3.60e-007
529	8.16e-004	1.76e-004	-5.18e-003	1.01e-006	1.14e-006	-2.58e-007
530	8.67e-004	1.26e-004	-5.45e-003	1.14e-006	1.04e-006	-2.24e-007
531	9.13e-004	6.97e-005	-5.71e-003	1.27e-006	9.47e-007	-2.11e-007
532	9.55e-004	7.63e-006	-5.95e-003	1.40e-006	8.59e-007	-2.07e-007
533	9.93e-004	-6.07e-005	-6.17e-003	1.54e-006	7.76e-007	-2.10e-007
534	1.03e-003	-1.36e-004	-6.37e-003	1.69e-006	6.97e-007	-2.17e-007
535	1.06e-003	-2.18e-004	-6.55e-003	1.85e-006	6.22e-007	-2.25e-007

536	1.08e-003	-3.08e-004	-6.72e-003	2.00e-006	5.54e-007	-2.32e-007
537	1.11e-003	-4.04e-004	-6.86e-003	2.12e-006	5.00e-007	-2.40e-007
538	1.13e-003	-5.04e-004	-6.98e-003	2.16e-006	4.66e-007	-2.61e-007
539	1.15e-003	-6.03e-004	-7.08e-003	2.08e-006	5.15e-007	-3.01e-007
540	1.16e-003	-6.96e-004	-7.15e-003	1.92e-006	5.33e-007	-3.45e-007
541	1.20e-003	-7.82e-004	-7.17e-003	1.83e-006	1.28e-006	-3.65e-007
542	8.17e-004	1.85e-004	-5.14e-003	1.05e-006	1.15e-006	-3.12e-007
543	8.67e-004	1.34e-004	-5.42e-003	1.16e-006	1.05e-006	-2.63e-007
544	9.13e-004	7.72e-005	-5.68e-003	1.28e-006	9.56e-007	-2.39e-007
545	9.55e-004	1.49e-005	-5.92e-003	1.40e-006	8.67e-007	-2.28e-007
546	9.93e-004	-5.34e-005	-6.14e-003	1.54e-006	7.84e-007	-2.29e-007
547	1.03e-003	-1.28e-004	-6.35e-003	1.68e-006	7.05e-007	-2.38e-007
548	1.06e-003	-2.10e-004	-6.53e-003	1.84e-006	6.29e-007	-2.52e-007
549	1.09e-003	-2.99e-004	-6.70e-003	2.00e-006	5.55e-007	-2.63e-007
550	1.11e-003	-3.95e-004	-6.85e-003	2.11e-006	4.73e-007	-2.70e-007
551	1.13e-003	-4.95e-004	-6.97e-003	2.15e-006	3.77e-007	-2.73e-007
552	1.15e-003	-5.93e-004	-7.07e-003	2.06e-006	2.18e-007	-2.83e-007
553	1.16e-003	-6.84e-004	-7.14e-003	1.88e-006	9.90e-008	-3.30e-007
554	1.15e-003	-7.70e-004	-7.16e-003	1.80e-006	-5.37e-007	-4.03e-007
555	8.17e-004	1.97e-004	-5.10e-003	1.10e-006	1.13e-006	-3.61e-007
556	8.68e-004	1.43e-004	-5.38e-003	1.19e-006	1.03e-006	-3.02e-007
557	9.14e-004	8.57e-005	-5.65e-003	1.29e-006	9.34e-007	-2.69e-007
558	9.55e-004	2.29e-005	-5.89e-003	1.41e-006	8.46e-007	-2.50e-007
559	9.93e-004	-4.55e-005	-6.12e-003	1.53e-006	7.63e-007	-2.46e-007
560	1.03e-003	-1.20e-004	-6.32e-003	1.67e-006	6.86e-007	-2.58e-007
561	1.06e-003	-2.01e-004	-6.51e-003	1.83e-006	6.14e-007	-2.76e-007
562	1.09e-003	-2.90e-004	-6.68e-003	1.99e-006	5.43e-007	-2.92e-007
563	1.11e-003	-3.86e-004	-6.83e-003	2.11e-006	4.54e-007	-2.98e-007
564	1.14e-003	-4.85e-004	-6.96e-003	2.15e-006	3.25e-007	-2.89e-007
565	1.15e-003	-5.84e-004	-7.07e-003	2.05e-006	6.55e-009	-2.70e-007
566	1.16e-003	-6.74e-004	-7.16e-003	1.82e-006	-7.01e-007	-3.17e-007
567	8.17e-004	2.08e-004	-5.07e-003	1.16e-006	1.15e-006	-4.02e-007
568	8.68e-004	1.53e-004	-5.35e-003	1.22e-006	1.04e-006	-3.37e-007
569	9.14e-004	9.42e-005	-5.62e-003	1.31e-006	9.47e-007	-2.94e-007
570	9.55e-004	3.07e-005	-5.86e-003	1.42e-006	8.60e-007	-2.66e-007
571	9.94e-004	-3.79e-005	-6.09e-003	1.53e-006	7.76e-007	-2.57e-007
572	1.03e-003	-1.12e-004	-6.30e-003	1.66e-006	7.00e-007	-2.69e-007
573	1.06e-003	-1.93e-004	-6.49e-003	1.82e-006	6.29e-007	-2.88e-007
574	1.09e-003	-2.81e-004	-6.67e-003	1.98e-006	5.58e-007	-3.05e-007
575	1.11e-003	-3.77e-004	-6.82e-003	2.11e-006	4.60e-007	-3.15e-007
576	1.14e-003	-4.76e-004	-6.96e-003	2.16e-006	3.03e-007	-3.11e-007
577	1.16e-003	-5.75e-004	-7.08e-003	2.05e-006	-2.13e-008	-2.84e-007
578	1.16e-003	-6.64e-004	-7.19e-003	1.75e-006	-3.86e-007	-3.19e-007
579	1.12e-003	-7.41e-004	-7.31e-003	1.63e-006	-7.81e-007	-4.71e-007
580	8.18e-004	2.21e-004	-5.03e-003	1.23e-006	1.09e-006	-4.46e-007
581	8.68e-004	1.64e-004	-5.32e-003	1.26e-006	9.86e-007	-3.67e-007
582	9.14e-004	1.03e-004	-5.59e-003	1.34e-006	9.01e-007	-3.11e-007
583	9.56e-004	3.89e-005	-5.84e-003	1.44e-006	8.16e-007	-2.77e-007
584	9.94e-004	-3.00e-005	-6.07e-003	1.53e-006	7.32e-007	-2.65e-007
585	1.03e-003	-1.04e-004	-6.28e-003	1.66e-006	6.60e-007	-2.72e-007
586	1.06e-003	-1.84e-004	-6.48e-003	1.81e-006	6.03e-007	-2.83e-007
587	1.09e-003	-2.72e-004	-6.65e-003	1.99e-006	5.58e-007	-2.94e-007
588	1.12e-003	-3.67e-004	-6.81e-003	2.13e-006	5.15e-007	-3.04e-007
589	1.14e-003	-4.67e-004	-6.95e-003	2.21e-006	4.33e-007	-3.22e-007
590	1.16e-003	-5.65e-004	-7.08e-003	2.10e-006	1.08e-007	-3.68e-007
591	1.15e-003	-6.53e-004	-7.21e-003	1.67e-006	-5.49e-007	-4.33e-007
592	8.07e-004	2.21e-004	-5.06e-003	1.16e-006	1.17e-006	-4.71e-007
593	8.59e-004	1.64e-004	-5.35e-003	1.24e-006	1.06e-006	-3.82e-007
594	9.07e-004	1.03e-004	-5.62e-003	1.31e-006	9.60e-007	-3.18e-007
595	9.49e-004	3.88e-005	-5.87e-003	1.41e-006	8.64e-007	-2.79e-007
596	9.88e-004	-3.01e-005	-6.11e-003	1.51e-006	7.72e-007	-2.67e-007
597	1.02e-003	-1.04e-004	-6.32e-003	1.64e-006	6.96e-007	-2.70e-007
598	1.05e-003	-1.84e-004	-6.52e-003	1.79e-006	6.38e-007	-2.73e-007
599	1.08e-003	-2.72e-004	-6.69e-003	1.96e-006	5.94e-007	-2.78e-007
600	1.11e-003	-3.67e-004	-6.86e-003	2.10e-006	5.47e-007	-2.90e-007
601	1.13e-003	-4.67e-004	-7.00e-003	2.16e-006	4.49e-007	-3.28e-007
602	1.15e-003	-5.66e-004	-7.13e-003	2.07e-006	1.06e-007	-4.35e-007
603	1.14e-003	-6.53e-004	-7.25e-003	1.72e-006	-5.25e-007	-5.25e-007

604	1.11e-003	-7.27e-004	-7.34e-003	1.56e-006	-7.81e-007	-4.49e-007
605	7.90e-004	2.21e-004	-5.11e-003	1.33e-006	1.27e-006	-4.82e-007
606	8.45e-004	1.64e-004	-5.40e-003	1.37e-006	1.13e-006	-3.93e-007
607	8.95e-004	1.03e-004	-5.67e-003	1.44e-006	1.01e-006	-3.22e-007
608	9.39e-004	3.86e-005	-5.93e-003	1.59e-006	8.93e-007	-2.57e-007
609	9.78e-004	-3.01e-005	-6.16e-003	1.63e-006	7.79e-007	-2.66e-007
610	1.01e-003	-1.04e-004	-6.38e-003	1.75e-006	7.02e-007	-2.68e-007
611	1.04e-003	-1.84e-004	-6.59e-003	1.91e-006	6.47e-007	-2.67e-007
612	1.07e-003	-2.72e-004	-6.77e-003	2.09e-006	5.94e-007	-2.57e-007
613	1.10e-003	-3.67e-004	-6.94e-003	2.21e-006	5.31e-007	-2.90e-007
614	1.12e-003	-4.67e-004	-7.08e-003	2.26e-006	3.97e-007	-3.48e-007
615	1.13e-003	-5.65e-004	-7.21e-003	2.14e-006	3.11e-008	-4.54e-007
616	1.12e-003	-6.55e-004	-7.31e-003	1.82e-006	-5.23e-007	-5.28e-007
617	8.81e-004	1.73e-004	-5.10e-003	1.21e-006	2.93e-008	-5.74e-007
618	9.02e-004	1.73e-004	-5.06e-003	1.02e-006	4.81e-008	-5.45e-007
619	9.04e-004	1.25e-004	-5.39e-003	9.49e-007	8.77e-007	-4.42e-007
620	9.21e-004	1.25e-004	-5.36e-003	8.36e-007	7.82e-007	-4.67e-007
621	9.53e-004	8.10e-005	-5.67e-003	9.86e-007	1.16e-006	-3.51e-007
622	9.66e-004	8.12e-005	-5.64e-003	8.56e-007	1.09e-006	-3.56e-007
623	1.20e-003	-1.31e-003	-7.86e-003	2.35e-006	-6.27e-007	-3.30e-007
624	1.21e-003	-1.27e-003	-7.82e-003	1.45e-006	8.83e-007	-4.30e-007
625	9.56e-004	-1.48e-003	-7.99e-003	2.33e-006	6.59e-007	-5.72e-008
626	5.43e-005	2.56e-005	-1.07e-003	1.07e-007	1.73e-005	1.30e-007
627	1.18e-003	-1.45e-003	-7.95e-003	2.77e-006	-5.61e-007	-2.72e-007
628	-2.12e-004	4.13e-005	-1.00e-003	2.29e-007	1.53e-006	-2.34e-006
629	3.34e-005	3.67e-005	-5.49e-004	-2.46e-006	-1.43e-005	-1.01e-006
630	-8.81e-005	6.76e-005	-9.86e-004	1.58e-007	2.95e-006	-3.90e-006
631	1.02e-005	2.13e-005	-1.87e-004	-1.94e-006	-1.37e-006	-2.35e-008
632	3.45e-005	2.44e-005	-2.07e-004	-3.01e-006	2.65e-006	-5.72e-008
633	1.01e-005	1.13e-005	-3.23e-004	-5.70e-006	-8.56e-006	6.07e-007
634	1.90e-005	2.62e-005	-1.87e-004	1.74e-006	3.94e-007	8.57e-008
635	2.54e-005	2.77e-005	-1.88e-004	1.48e-006	-2.98e-007	-1.22e-007
636	3.44e-005	8.39e-006	-4.13e-004	-7.37e-006	1.21e-005	-1.04e-006
637	1.13e-005	2.99e-005	-2.14e-004	7.27e-007	2.24e-007	1.06e-007
638	3.35e-005	2.70e-005	-2.34e-004	1.79e-006	1.05e-006	-2.87e-008
639	1.12e-005	2.92e-005	-3.16e-004	5.51e-006	-8.06e-006	-4.20e-007
640	1.90e-005	3.49e-005	-2.58e-004	-4.22e-006	1.20e-006	7.77e-009
641	2.55e-005	3.35e-005	-2.59e-004	-3.96e-006	-1.11e-006	3.05e-008
642	3.33e-005	3.24e-005	-4.06e-004	7.17e-006	1.16e-005	8.65e-007
643	1.89e-005	2.85e-005	-1.73e-004	-6.03e-007	-8.10e-007	4.66e-008
644	-1.34e-006	2.71e-005	-3.44e-004	-8.95e-006	8.29e-006	7.98e-007
645	4.90e-005	2.04e-005	-2.95e-004	7.89e-006	-2.91e-006	9.63e-007
646	6.22e-006	2.42e-005	-7.80e-004	-4.16e-006	2.31e-006	1.50e-006
647	4.56e-005	-3.56e-006	-7.53e-004	-2.82e-006	-4.53e-007	-2.65e-006
648	9.50e-005	-2.20e-005	-5.40e-004	3.22e-006	-1.12e-005	2.37e-006
649	3.74e-006	2.74e-005	-3.67e-004	7.72e-006	5.81e-006	2.33e-008
650	7.38e-005	-7.41e-005	-7.17e-004	-1.91e-006	2.26e-007	-2.02e-006
651	-2.72e-005	2.14e-005	-3.44e-004	8.97e-006	5.89e-006	-1.45e-006
652	3.97e-005	3.41e-005	-3.71e-004	8.37e-006	-5.39e-006	6.84e-008
653	8.85e-005	-1.13e-005	-8.94e-004	-2.85e-006	3.30e-006	2.34e-006
654	5.28e-005	-7.70e-005	-7.84e-004	-1.96e-006	1.88e-006	1.93e-006
655	-9.23e-005	-4.38e-005	-7.10e-004	3.58e-006	1.58e-005	-3.27e-006
656	1.42e-004	-1.18e-005	-1.01e-003	-4.70e-006	-5.09e-007	-3.36e-006
657	6.78e-007	8.90e-006	-4.38e-004	-1.31e-005	-1.37e-006	2.36e-007
658	5.10e-005	1.61e-005	-6.76e-004	-7.39e-006	-1.18e-005	-7.66e-007
659	8.09e-006	1.64e-004	-1.01e-003	1.23e-006	1.31e-006	4.18e-006
660	-3.75e-005	9.16e-005	-9.55e-004	2.05e-006	3.20e-006	-6.79e-008
661	-4.36e-005	2.66e-005	-5.98e-004	-1.29e-005	9.36e-006	9.53e-007
662	4.88e-005	2.70e-004	-1.08e-003	4.45e-007	1.90e-006	2.93e-006
663	2.20e-005	7.95e-006	-4.89e-004	-1.42e-005	4.39e-006	2.30e-007
664	8.76e-005	2.02e-005	-6.02e-004	-1.36e-005	-8.93e-006	-1.05e-006
665	1.29e-004	1.75e-004	-1.16e-003	1.19e-006	1.50e-006	-3.83e-006
666	8.02e-005	2.75e-004	-1.15e-003	4.52e-007	2.30e-007	-2.80e-006
667	-4.75e-005	3.80e-005	-8.49e-004	-7.81e-006	1.65e-005	1.64e-006
668	1.90e-004	1.32e-004	-1.19e-003	2.21e-006	-1.34e-006	1.99e-006
669	1.41e-005	2.42e-005	-5.23e-004	8.25e-006	2.63e-006	-2.87e-007
670	7.33e-005	-1.19e-004	-7.31e-004	-9.75e-007	3.72e-007	-7.33e-007
671	4.03e-005	2.70e-005	-5.23e-004	8.47e-006	-2.59e-006	5.03e-007

672	4.94e-005	-1.20e-004	-7.50e-004	-9.87e-007	1.52e-006	6.52e-007
673	-6.16e-006	4.49e-005	-8.47e-004	-1.36e-005	4.14e-006	6.44e-007
674	6.61e-005	3.35e-004	-1.18e-003	-4.68e-007	1.12e-006	1.04e-006
675	6.09e-005	4.23e-005	-8.47e-004	-1.39e-005	-4.08e-006	-8.52e-007
676	5.79e-005	3.37e-004	-1.20e-003	-4.69e-007	8.59e-007	-9.17e-007
677	-1.31e-005	5.58e-005	-7.21e-004	-1.69e-006	1.92e-005	1.52e-006
678	9.19e-004	-1.23e-003	-7.77e-003	2.34e-006	-1.13e-007	-5.72e-008
679	1.23e-003	-1.17e-003	-7.74e-003	2.34e-006	-3.44e-007	-2.72e-007
680	3.80e-005	8.98e-005	-8.77e-004	7.94e-006	1.81e-005	1.14e-006
681	1.07e-003	-1.48e-003	-1.57e-002	1.02e-006	-3.75e-008	-1.33e-006
682	2.75e-005	2.86e-005	-1.81e-004	-6.01e-007	1.41e-006	-4.60e-008
683	1.59e-005	2.60e-005	-2.21e-004	4.76e-006	4.90e-006	9.37e-008
684	1.13e-005	4.29e-005	-5.56e-004	-1.22e-005	3.72e-006	4.25e-007
685	4.20e-005	2.19e-005	-3.40e-004	-8.97e-006	-8.04e-006	-8.83e-007
686	3.57e-005	4.06e-005	-5.53e-004	-1.23e-005	-3.97e-006	-6.31e-007
687	2.44e-005	3.15e-005	-2.16e-004	4.75e-006	-4.65e-006	-1.92e-008
688	4.93e-005	2.28e-005	-5.86e-004	2.08e-007	1.41e-005	-1.79e-008
689	3.84e-005	2.54e-005	-2.90e-004	-1.38e-007	6.61e-006	-7.94e-008
690	3.05e-006	2.25e-005	-4.56e-004	2.05e-007	-1.03e-005	1.97e-008
691	1.07e-005	2.53e-005	-2.44e-004	-1.43e-007	-4.64e-006	8.02e-008
692	1.90e-005	2.42e-005	-3.49e-004	7.25e-006	2.26e-006	-6.40e-008
693	2.77e-005	2.66e-005	-3.45e-004	7.34e-006	-2.52e-006	2.73e-007
694	0.00	0.00	0.00	0.00	0.00	0.00
695	0.00	0.00	0.00	0.00	0.00	0.00
696	1.14e-003	-9.98e-004	-7.48e-003	2.65e-006	2.58e-006	-4.65e-007
697	1.24e-003	-1.00e-003	-7.51e-003	1.94e-006	-2.25e-006	-3.50e-007
698	9.37e-004	-1.62e-003	-7.82e-003	-1.32e-005	-1.97e-005	-1.33e-006
699	9.38e-004	-1.33e-003	-7.77e-003	-1.54e-005	1.87e-005	-1.33e-006
700	1.21e-003	-1.33e-003	-7.55e-003	1.89e-005	1.89e-005	-1.33e-006
701	1.21e-003	-1.62e-003	-7.61e-003	1.76e-005	-1.87e-005	-1.32e-006
702	1.21e-003	-1.55e-003	-8.00e-003	9.95e-005	-3.13e-006	-1.32e-006
703	1.21e-003	-1.40e-003	-7.96e-003	1.00e-004	3.62e-006	-1.33e-006
704	9.76e-004	-1.00e-003	-7.69e-003	1.10e-006	2.37e-006	-7.14e-007
705	9.42e-004	-1.05e-003	-7.78e-003	2.23e-006	-2.78e-006	-1.37e-007
706	9.37e-004	-1.55e-003	-8.25e-003	-9.62e-005	-3.25e-006	-1.33e-006
707	9.38e-004	-1.40e-003	-8.16e-003	-9.80e-005	3.71e-006	-1.33e-006
708	9.99e-004	-9.53e-004	-7.62e-003	-8.14e-007	4.19e-007	-7.22e-007
709	1.09e-003	-9.79e-004	-7.56e-003	4.08e-006	4.80e-007	-7.28e-007
710	1.15e-003	-1.62e-003	-8.02e-003	5.82e-006	-8.86e-005	-1.33e-006

SFORZI "Ascensore" (Fase 1)

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
206	230	6.45e-008	0.00	0.00	0.00	0.00	0.00
	234	-6.45e-008	0.00	0.00	0.00	0.00	0.00
207	232	2.10e-007	0.00	0.00	0.00	0.00	0.00
	238	-2.10e-007	0.00	0.00	0.00	0.00	0.00
208	319	3.24e-008	0.00	0.00	0.00	0.00	0.00
	322	-3.24e-008	0.00	0.00	0.00	0.00	0.00
209	285	-3.66e-007	0.00	0.00	0.00	0.00	0.00
	286	3.66e-007	0.00	0.00	0.00	0.00	0.00
210	456	-4.07e-007	0.00	0.00	0.00	0.00	0.00
	470	4.07e-007	0.00	0.00	0.00	0.00	0.00
211	458	-1.82e-007	0.00	0.00	0.00	0.00	0.00
	474	1.82e-007	0.00	0.00	0.00	0.00	0.00
212	460	-2.11e-007	0.00	0.00	0.00	0.00	0.00
	478	2.11e-007	0.00	0.00	0.00	0.00	0.00
213	462	-8.80e-007	0.00	0.00	0.00	0.00	0.00
	482	8.80e-007	0.00	0.00	0.00	0.00	0.00
214	464	-2.37e-006	0.00	0.00	0.00	0.00	0.00
	486	2.37e-006	0.00	0.00	0.00	0.00	0.00
215	12	1.29e-006	0.00	0.00	0.00	0.00	0.00
	16	-1.29e-006	0.00	0.00	0.00	0.00	0.00

216	466	-2.73e-006	0.00	0.00	0.00	0.00	0.00
	490	2.73e-006	0.00	0.00	0.00	0.00	0.00
371	137	5.44e-006	0.00	0.00	0.00	0.00	0.00
	135	-5.44e-006	0.00	0.00	0.00	0.00	0.00
11	681	-2.46e-007	1.00e-008	-4.40e-011	3.84e-009	3.58e-009	3.09e-006
	63	2.46e-007	-1.00e-008	4.40e-011	-3.84e-009	-1.24e-010	-2.30e-006
12	66	-2.46e-007	-1.03e-009	1.66e-010	-2.02e-009	-8.93e-009	3.01e-006
	681	2.46e-007	1.03e-009	-1.66e-010	2.02e-009	-4.12e-009	-3.09e-006
13	681	2.48e-007	-1.02e-008	9.91e-011	3.33e-009	-1.47e-009	-3.20e-006
	65	-2.48e-007	1.02e-008	-9.91e-011	-3.33e-009	-6.31e-009	2.40e-006
14	64	2.48e-007	8.27e-010	-2.56e-012	-1.98e-009	-1.81e-009	-3.14e-006
	681	-2.48e-007	-8.27e-010	2.56e-012	1.98e-009	2.01e-009	3.21e-006
15	679	1.95e-007	-6.57e-008	-6.74e-008	0.00	1.15e-005	-1.12e-005
	627	-1.95e-007	6.57e-008	6.74e-008	0.00	-4.05e-006	3.94e-006
16	20	1.95e-007	-6.57e-008	-6.74e-008	4.24e-022	1.62e-005	-1.58e-005
	679	-1.95e-007	6.57e-008	6.74e-008	-4.24e-022	-1.15e-005	1.12e-005
17	678	-2.93e-007	7.13e-008	-5.06e-008	-4.24e-022	8.60e-006	1.21e-005
	625	2.93e-007	-7.13e-008	5.06e-008	4.24e-022	-3.03e-006	-4.28e-006
18	10	-2.93e-007	7.13e-008	-5.06e-008	0.00	1.21e-005	1.71e-005
	678	2.93e-007	-7.13e-008	5.06e-008	0.00	-8.60e-006	-1.21e-005
19	627	1.95e-007	-6.57e-008	-6.74e-008	0.00	4.05e-006	-3.94e-006
	710	-1.95e-007	6.57e-008	6.74e-008	0.00	0.00	0.00
20	625	-2.93e-007	7.13e-008	-5.06e-008	0.00	3.03e-006	4.28e-006
	60	2.93e-007	-7.13e-008	5.06e-008	0.00	0.00	0.00
21	138	4.27e-007	-7.95e-008	-9.33e-008	0.00	2.24e-005	-1.91e-005
	701	-4.27e-007	7.95e-008	9.33e-008	0.00	0.00	0.00
22	134	5.00e-007	7.75e-008	-7.08e-008	0.00	1.70e-005	1.86e-005
	698	-5.00e-007	-7.75e-008	7.08e-008	0.00	0.00	0.00
23	624	1.84e-008	-6.58e-008	-2.63e-008	1.22e-008	1.68e-006	-3.56e-006
	623	-1.84e-008	6.58e-008	2.63e-008	-1.22e-008	1.26e-006	-3.82e-006
24	624	9.14e-007	-7.14e-008	4.82e-008	0.00	-4.82e-006	-7.14e-006
	703	-9.14e-007	7.14e-008	-4.82e-008	0.00	0.00	0.00
25	696	8.48e-007	-5.30e-008	7.45e-008	1.68e-006	-1.52e-005	-1.10e-005
	624	-8.48e-007	5.30e-008	-7.45e-008	-1.68e-006	4.81e-006	3.58e-006
26	623	-9.29e-007	-6.14e-008	-4.36e-008	0.00	4.36e-006	-6.14e-006
	702	9.29e-007	6.14e-008	4.36e-008	0.00	0.00	0.00
27	697	-8.63e-007	-7.99e-008	-6.99e-008	1.26e-006	1.41e-005	-1.35e-005
	623	8.63e-007	7.99e-008	6.99e-008	-1.26e-006	-4.34e-006	2.33e-006
28	166	5.15e-009	2.09e-008	-1.00e-013	-2.93e-003	1.04e-008	7.90e-009
	110	-5.15e-009	-2.09e-008	1.00e-013	2.93e-003	-1.04e-008	1.66e-006
29	118	5.15e-009	2.09e-008	-1.00e-013	-2.93e-003	1.04e-008	1.68e-006
	166	-5.15e-009	-2.09e-008	1.00e-013	2.93e-003	-1.04e-008	-7.90e-009
30	158	-1.31e-009	1.13e-008	-1.01e-013	-2.93e-003	-2.30e-009	9.13e-011
	69	1.31e-009	-1.13e-008	1.01e-013	2.93e-003	2.31e-009	9.02e-007
31	74	-1.31e-009	1.13e-008	-1.01e-013	-2.93e-003	-2.29e-009	9.02e-007
	158	1.31e-009	-1.13e-008	1.01e-013	2.93e-003	2.30e-009	-9.13e-011
32	153	2.45e-010	8.12e-009	-8.37e-014	-2.93e-003	4.84e-010	9.53e-013
	70	-2.45e-010	-8.12e-009	8.37e-014	2.93e-003	-4.78e-010	6.50e-007
33	81	2.45e-010	8.12e-009	-8.37e-014	-2.93e-003	4.91e-010	6.50e-007
	153	-2.45e-010	-8.12e-009	8.37e-014	2.93e-003	-4.84e-010	-9.50e-013
34	145	-5.18e-011	-2.65e-007	-5.80e-014	-2.93e-003	-1.04e-010	8.88e-015
	73	5.18e-011	2.65e-007	5.80e-014	2.93e-003	1.09e-010	-2.12e-005
35	89	-5.18e-011	-2.65e-007	-5.80e-014	-2.93e-003	-9.93e-011	-2.12e-005

	145	5.18e-011	2.65e-007	5.80e-014	2.93e-003	1.04e-010	-8.88e-015
36	136	8.70e-012	-6.92e-005	-3.93e-014	-2.93e-003	3.82e-011	3.33e-016
	97	-8.70e-012	6.92e-005	3.93e-014	2.93e-003	-3.51e-011	-5.54e-003
37	105	8.75e-012	-6.92e-005	-3.93e-014	-2.93e-003	4.13e-011	-5.54e-003
	136	-8.75e-012	6.92e-005	3.93e-014	2.93e-003	-3.82e-011	-1.11e-016
38	118	2.82e-013	4.19e-005	-1.11e-009	5.56e-003	6.04e-008	2.20e-003
	74	-2.82e-013	-4.19e-005	1.11e-009	-5.56e-003	1.44e-008	6.36e-004
39	579	3.53e-013	4.19e-005	4.04e-009	5.55e-003	0.00	0.00
	118	-3.53e-013	-4.19e-005	-4.04e-009	-5.55e-003	-7.08e-008	7.35e-004
40	110	-2.82e-013	-4.19e-005	1.11e-009	5.56e-003	-6.04e-008	-2.20e-003
	69	2.82e-013	4.19e-005	-1.11e-009	-5.56e-003	-1.44e-008	-6.36e-004
41	516	-3.82e-013	-4.19e-005	-4.04e-009	5.55e-003	0.00	0.00
	110	3.82e-013	4.19e-005	4.04e-009	-5.55e-003	7.08e-008	-7.35e-004
42	105	0.00	1.11e-004	-3.93e-014	8.67e-019	-4.34e-013	1.95e-003
	68	0.00	-1.11e-004	3.93e-014	-8.67e-019	4.96e-013	-3.47e-018
43	89	3.93e-014	4.22e-005	8.78e-012	5.54e-003	-5.53e-010	1.87e-003
	105	-3.93e-014	-4.22e-005	-8.78e-012	-5.54e-003	-4.04e-011	9.84e-004
44	97	-2.71e-020	-1.11e-004	1.94e-014	8.67e-019	-9.61e-013	-1.95e-003
	67	2.71e-020	1.11e-004	-1.94e-014	-8.67e-019	3.52e-013	0.00
45	73	-3.93e-014	-4.22e-005	-8.70e-012	5.54e-003	5.52e-010	-1.87e-003
	97	3.93e-014	4.22e-005	8.70e-012	-5.54e-003	3.61e-011	-9.84e-004
46	81	9.73e-014	4.19e-005	-4.29e-011	5.56e-003	2.57e-009	2.08e-003
	89	-9.73e-014	-4.19e-005	4.29e-011	-5.56e-003	6.52e-010	1.07e-003
47	74	1.81e-013	4.19e-005	2.02e-010	5.56e-003	-1.21e-008	2.30e-003
	81	-1.81e-013	-4.19e-005	-2.02e-010	-5.56e-003	-3.06e-009	8.52e-004
48	70	-9.73e-014	-4.19e-005	4.31e-011	5.56e-003	-2.58e-009	-2.08e-003
	73	9.73e-014	4.19e-005	-4.31e-011	-5.56e-003	-6.61e-010	-1.07e-003
49	69	-1.81e-013	-4.19e-005	-2.02e-010	5.56e-003	1.21e-008	-2.30e-003
	70	1.81e-013	4.19e-005	2.02e-010	-5.56e-003	3.05e-009	-8.52e-004
50	63	-1.72e-007	-8.17e-009	-1.92e-010	3.98e-009	7.57e-009	4.13e-006
	700	1.72e-007	8.17e-009	1.92e-010	-3.98e-009	6.16e-009	-4.72e-006
51	698	-1.80e-007	-5.73e-008	-1.73e-010	-1.64e-009	3.39e-009	-3.24e-006
	66	1.80e-007	5.73e-008	1.73e-010	1.64e-009	9.02e-009	-8.59e-007
52	65	1.87e-007	1.41e-008	-1.98e-010	3.23e-009	9.25e-009	-4.62e-006
	701	-1.87e-007	-1.41e-008	1.98e-010	-3.23e-009	4.91e-009	5.63e-006
53	699	1.69e-007	6.18e-008	-1.80e-010	-1.32e-009	5.44e-009	3.53e-006
	64	-1.69e-007	-6.18e-008	1.80e-010	1.32e-009	7.45e-009	8.91e-007
54	65	4.70e-008	-5.31e-008	-3.23e-009	-1.05e-008	7.79e-008	-2.90e-006
	710	-4.70e-008	5.31e-008	3.23e-009	1.05e-008	9.67e-008	2.99e-008
55	63	1.31e-008	8.46e-008	-3.93e-010	-2.13e-009	2.24e-008	4.80e-006
	65	-1.31e-008	-8.46e-008	3.93e-010	2.13e-009	2.16e-008	4.67e-006
56	58	-3.02e-008	-6.13e-008	-2.84e-009	-9.80e-009	8.55e-008	1.56e-008
	63	3.02e-008	6.13e-008	2.84e-009	9.80e-009	6.79e-008	-3.32e-006
57	66	-5.21e-008	-2.11e-008	-3.23e-009	-1.92e-009	7.83e-008	-1.21e-006
	60	5.21e-008	2.11e-008	3.23e-009	1.92e-009	9.61e-008	7.48e-008
58	64	-1.48e-008	4.72e-008	-3.66e-010	-8.48e-009	2.08e-008	2.58e-006
	66	1.48e-008	-4.72e-008	3.66e-010	8.48e-009	2.01e-008	2.72e-006
59	59	3.24e-008	-1.71e-008	-2.83e-009	-2.15e-009	8.50e-008	8.06e-008
	64	-3.24e-008	1.71e-008	2.83e-009	2.15e-009	6.79e-008	-1.00e-006
60	706	-4.13e-008	-3.64e-008	3.05e-009	4.45e-009	-8.25e-008	-8.17e-008
	66	4.13e-008	3.64e-008	-3.05e-009	-4.45e-009	-6.09e-008	-1.63e-006
61	66	9.50e-009	-2.43e-008	6.85e-010	6.97e-009	-3.77e-008	7.63e-008
	65	-9.50e-009	2.43e-008	-6.85e-010	-6.97e-009	-3.77e-008	-2.75e-006

62	65	5.78e-008	8.91e-008	3.22e-009	5.19e-009	-6.48e-008	4.11e-006
	702	-5.78e-008	-8.91e-008	-3.22e-009	-5.19e-009	-8.65e-008	8.00e-008
63	63	-6.05e-008	-9.64e-008	3.21e-009	4.15e-009	-6.56e-008	-4.46e-006
	703	6.05e-008	9.64e-008	-3.21e-009	-4.15e-009	-8.50e-008	-6.82e-008
64	64	-3.68e-009	3.12e-008	5.84e-010	7.26e-009	-3.22e-008	8.06e-008
	63	3.68e-009	-3.12e-008	-5.84e-010	-7.26e-009	-3.21e-008	3.35e-006
65	707	5.66e-008	3.46e-008	3.04e-009	4.25e-009	-8.06e-008	8.50e-008
	64	-5.66e-008	-3.46e-008	-3.04e-009	-4.25e-009	-6.21e-008	1.54e-006
77	702	-6.04e-008	-4.70e-007	-1.60e-008	-6.89e-008	3.63e-008	-2.10e-005
	701	6.04e-008	4.70e-007	1.60e-008	6.89e-008	8.30e-007	-4.33e-006
78	703	-2.15e-009	3.71e-007	-1.84e-009	1.12e-008	1.56e-007	2.05e-005
	702	2.15e-009	-3.71e-007	1.84e-009	-1.12e-008	5.02e-008	2.10e-005
79	700	6.60e-008	-4.47e-007	-1.42e-008	-5.70e-008	8.38e-007	-3.63e-006
	703	-6.60e-008	4.47e-007	1.42e-008	5.70e-008	-7.09e-008	-2.05e-005
80	706	5.72e-008	-3.56e-007	-1.84e-008	1.37e-008	1.53e-007	-1.67e-005
	698	-5.72e-008	3.56e-007	1.84e-008	-1.37e-008	8.40e-007	-2.47e-006
81	707	-7.80e-011	2.98e-007	1.61e-010	-6.80e-008	5.21e-008	1.66e-005
	706	7.80e-011	-2.98e-007	-1.61e-010	6.80e-008	-7.01e-008	1.67e-005
82	699	-5.86e-008	-3.58e-007	-1.61e-008	1.70e-008	8.39e-007	-2.69e-006
	707	5.86e-008	3.58e-007	1.61e-008	-1.70e-008	2.85e-008	-1.66e-005
83	710	-4.54e-008	2.87e-008	-7.82e-010	8.40e-008	8.72e-007	5.11e-006
	701	4.54e-008	-2.87e-008	7.82e-010	-8.40e-008	-8.35e-007	-3.76e-006
84	60	1.88e-008	-1.13e-007	1.79e-008	5.42e-008	-1.00e-006	-7.32e-006
	710	-1.88e-008	1.13e-007	-1.79e-008	-5.42e-008	-9.69e-007	-5.12e-006
85	698	6.61e-008	2.01e-007	-1.31e-009	-2.06e-008	-8.43e-007	2.14e-006
	60	-6.61e-008	-2.01e-007	1.31e-009	2.06e-008	9.05e-007	7.32e-006
86	58	4.92e-008	-1.17e-007	7.10e-009	7.40e-008	5.10e-007	-8.63e-006
	700	-4.92e-008	1.17e-007	-7.10e-009	-7.40e-008	-8.44e-007	3.15e-006
87	59	-4.64e-009	1.62e-007	1.10e-008	5.84e-008	-6.16e-007	9.17e-006
	58	4.64e-009	-1.62e-007	-1.10e-008	-5.84e-008	-5.96e-007	8.64e-006
88	699	-5.68e-008	-2.45e-007	6.67e-009	-2.22e-008	-8.44e-007	-2.33e-006
	59	5.68e-008	2.45e-007	-6.67e-009	2.22e-008	5.31e-007	-9.17e-006
89	708	3.89e-007	3.68e-008	5.50e-008	0.00	-1.32e-005	8.82e-006
	59	-3.89e-007	-3.68e-008	-5.50e-008	0.00	0.00	0.00
90	709	-3.40e-007	-3.41e-008	5.67e-008	0.00	-1.36e-005	-8.18e-006
	58	3.40e-007	3.41e-008	-5.67e-008	0.00	0.00	0.00
95	704	6.90e-007	6.15e-008	4.04e-008	0.00	-9.69e-006	1.48e-005
	707	-6.90e-007	-6.15e-008	-4.04e-008	0.00	0.00	0.00
96	705	-6.90e-007	6.03e-008	-2.28e-008	0.00	5.47e-006	1.45e-005
	706	6.90e-007	-6.03e-008	2.28e-008	0.00	0.00	0.00
101	142	-5.41e-007	7.53e-008	7.02e-008	0.00	-1.68e-005	1.81e-005
	699	5.41e-007	-7.53e-008	-7.02e-008	0.00	0.00	0.00
102	131	-3.22e-007	-7.06e-008	7.80e-008	0.00	-1.87e-005	-1.70e-005
	700	3.22e-007	7.06e-008	-7.80e-008	0.00	0.00	0.00
217	280	-1.35e-006	3.95e-007	8.33e-009	1.68e-009	-2.06e-007	1.68e-005
	274	1.35e-006	-3.95e-007	-8.33e-009	-1.68e-009	-5.11e-007	1.72e-005
218	127	3.62e-006	6.52e-007	-3.58e-008	1.60e-008	2.12e-006	2.81e-005
	616	-3.62e-006	-6.52e-007	3.58e-008	-1.60e-008	9.65e-007	2.80e-005
219	404	-4.27e-007	8.34e-007	8.25e-008	-1.47e-008	-9.01e-007	3.76e-005
	428	4.27e-007	-8.34e-007	-8.25e-008	1.47e-008	-6.52e-006	3.74e-005
224	62	2.43e-008	8.99e-007	-5.08e-008	-1.94e-009	2.43e-006	3.88e-005
	608	-2.43e-008	-8.99e-007	5.08e-008	1.94e-009	1.94e-006	3.85e-005
225	112	1.76e-007	9.55e-007	-1.31e-007	1.48e-009	5.90e-006	4.08e-005

	612	-1.76e-007	-9.55e-007	1.31e-007	-1.48e-009	5.38e-006	4.14e-005
226	400	2.41e-007	8.61e-007	2.01e-007	4.46e-010	-7.04e-006	3.88e-005
	420	-2.41e-007	-8.61e-007	-2.01e-007	-4.46e-010	-1.11e-005	3.88e-005
227	396	1.37e-007	6.40e-007	1.16e-007	7.45e-009	-3.99e-006	2.88e-005
	412	-1.37e-007	-6.40e-007	-1.16e-007	-7.45e-009	-6.50e-006	2.88e-005
686	288	3.89e-007	6.60e-007	1.96e-008	2.84e-009	-6.06e-007	2.82e-005
	283	-3.89e-007	-6.60e-007	-1.96e-008	-2.84e-009	-1.08e-006	2.86e-005
91	709	-7.86e-007	1.81e-007	-4.29e-008	1.09e-005	3.57e-005	2.03e-006
	40	7.86e-007	-1.81e-007	4.29e-008	-1.09e-005	-3.47e-005	2.50e-006
92	132	-4.38e-007	-1.98e-007	-4.38e-007	1.71e-005	4.70e-005	-7.35e-006
	709	4.38e-007	1.98e-007	4.38e-007	-1.71e-005	-4.17e-005	4.97e-006
93	708	-2.63e-006	2.23e-007	7.82e-008	1.05e-005	3.60e-005	7.30e-006
	53	2.63e-006	-2.23e-007	-7.82e-008	-1.05e-005	-3.80e-005	-1.73e-006
94	139	-4.41e-006	7.89e-007	-4.00e-007	1.66e-005	4.51e-005	1.79e-005
	708	4.41e-006	-7.89e-007	4.00e-007	-1.66e-005	-4.03e-005	-8.40e-006
97	705	2.85e-006	1.01e-006	-5.52e-010	-5.46e-006	4.36e-006	-1.12e-005
	150	-2.85e-006	-1.01e-006	5.52e-010	5.46e-006	-4.36e-006	2.23e-005
98	5	1.03e-006	1.93e-007	-8.60e-008	-5.06e-006	6.74e-006	-2.10e-006
	705	-1.03e-006	-1.93e-007	8.60e-008	5.06e-006	-4.68e-006	6.72e-006
99	704	-4.36e-006	-1.16e-006	3.78e-007	-1.31e-005	4.18e-005	1.24e-005
	147	4.36e-006	1.16e-006	-3.78e-007	1.31e-005	-4.60e-005	-2.51e-005
100	160	-2.30e-006	-2.54e-007	-7.99e-008	-7.27e-006	3.68e-005	2.46e-006
	704	2.30e-006	2.54e-007	7.99e-008	7.27e-006	-3.49e-005	-8.56e-006
103	697	-2.17e-007	1.17e-006	1.18e-009	2.22e-007	-7.96e-008	3.69e-006
	146	2.17e-007	-1.17e-006	-1.18e-009	-2.22e-007	7.26e-008	3.33e-006
104	25	9.50e-007	4.06e-007	-6.49e-008	-6.57e-007	2.10e-006	5.89e-007
	697	-9.50e-007	-4.06e-007	6.49e-008	6.57e-007	-5.42e-007	9.16e-006
105	696	2.13e-007	-1.14e-006	-1.58e-008	1.51e-006	1.16e-007	-3.59e-006
	143	-2.13e-007	1.14e-006	1.58e-008	-1.51e-006	-2.10e-008	-3.26e-006
106	33	-8.18e-007	-4.59e-007	-1.61e-007	5.04e-007	6.40e-006	-9.78e-007
	696	8.18e-007	4.59e-007	1.61e-007	-5.04e-007	-2.55e-006	-1.00e-005
107	205	-7.64e-015	1.97e-018	-1.46e-019	4.89e-017	1.55e-017	-2.11e-017
	222	7.64e-015	-1.97e-018	1.46e-019	-4.89e-017	-1.11e-017	8.01e-017
108	212	9.05e-015	3.37e-018	1.09e-018	8.05e-017	1.30e-017	1.32e-016
	204	-9.05e-015	-3.37e-018	-1.09e-018	-8.05e-017	-4.55e-017	-3.12e-017
109	312	-1.49e-014	5.45e-018	-1.25e-018	9.53e-017	6.05e-017	4.70e-017
	205	1.49e-014	-5.45e-018	1.25e-018	-9.53e-017	-1.87e-017	1.35e-016
110	308	-3.24e-015	-2.84e-018	-3.99e-019	8.93e-017	5.69e-017	-6.06e-017
	312	3.24e-015	2.84e-018	3.99e-019	-8.93e-017	-4.36e-017	-3.40e-017
111	204	1.20e-014	9.34e-018	-1.90e-019	1.03e-016	5.60e-017	1.74e-016
	308	-1.20e-014	-9.34e-018	1.90e-019	-1.03e-016	-4.97e-017	1.38e-016
112	32	5.65e-014	-2.38e-017	3.52e-018	-1.58e-016	-2.27e-016	-1.08e-015
	143	-5.65e-014	2.38e-017	-3.52e-018	1.58e-016	9.67e-017	1.98e-016
113	30	-4.63e-016	3.22e-017	-4.28e-018	-3.67e-016	-2.83e-017	2.28e-015
	32	4.63e-016	-3.22e-017	4.28e-018	3.67e-016	1.87e-016	-1.09e-015
114	364	-7.55e-014	6.85e-016	-2.80e-017	-4.38e-016	8.99e-016	1.27e-014
	30	7.55e-014	-6.85e-016	2.80e-017	4.38e-016	1.36e-016	1.26e-014
115	27	-5.33e-014	-2.41e-017	-9.05e-019	-2.23e-017	1.12e-016	-1.11e-015
	146	5.33e-014	2.41e-017	9.05e-019	2.23e-017	-7.87e-017	2.22e-016
116	26	1.36e-014	1.55e-017	3.20e-018	-8.56e-017	-1.17e-017	1.95e-015
	27	-1.36e-014	-1.55e-017	-3.20e-018	8.56e-017	-1.07e-016	-1.37e-015
117	365	1.06e-013	6.68e-016	2.06e-017	7.31e-017	-7.17e-016	1.25e-014
	26	-1.06e-013	-6.68e-016	-2.06e-017	-7.31e-017	-4.44e-017	1.22e-014

118	3	-4.15e-014	3.01e-017	-1.11e-019	2.92e-016	7.34e-017	1.61e-016
	150	4.15e-014	-3.01e-017	1.11e-019	-2.92e-016	-6.93e-017	9.52e-016
119	168	-1.15e-014	-1.88e-018	7.99e-019	2.16e-016	1.29e-017	-1.22e-017
	3	1.15e-014	1.88e-018	-7.99e-019	-2.16e-016	-4.25e-017	-5.72e-017
120	367	-7.16e-015	-2.21e-018	5.89e-019	1.80e-016	-2.13e-017	-8.74e-017
	168	7.16e-015	2.21e-018	-5.89e-019	-1.80e-016	-4.99e-019	5.71e-018
121	428	2.06e-015	4.94e-018	-2.74e-020	1.70e-016	-3.50e-017	1.61e-016
	367	-2.06e-015	-4.94e-018	2.74e-020	-1.70e-016	3.63e-017	6.90e-017
122	426	-1.41e-014	6.05e-018	8.40e-019	1.05e-016	-7.73e-017	2.22e-017
	428	1.41e-014	-6.05e-018	-8.40e-019	-1.05e-016	3.82e-017	2.59e-016
123	424	3.14e-016	-1.98e-018	1.12e-019	1.14e-016	-7.73e-017	-7.06e-017
	426	-3.14e-016	1.98e-018	-1.12e-019	-1.14e-016	7.21e-017	-2.17e-017
124	422	1.00e-014	-1.95e-018	-1.21e-019	1.20e-016	-6.83e-017	-6.79e-017
	424	-1.00e-014	1.95e-018	1.21e-019	-1.20e-016	7.40e-017	-2.27e-017
125	420	2.67e-014	6.07e-018	-1.10e-018	1.43e-016	-2.27e-017	2.22e-016
	422	-2.67e-014	-6.07e-018	1.10e-018	-1.43e-016	7.38e-017	6.03e-017
126	418	1.42e-014	5.60e-018	9.57e-019	5.03e-017	-6.43e-017	6.47e-017
	420	-1.42e-014	-5.60e-018	-9.57e-019	-5.03e-017	1.98e-017	1.96e-016
127	416	3.01e-014	-1.72e-018	-5.77e-020	7.33e-017	-4.82e-017	-4.40e-018
	418	-3.01e-014	1.72e-018	5.77e-020	-7.33e-017	5.09e-017	-7.58e-017
128	414	4.03e-014	-1.61e-018	-1.89e-019	8.38e-017	-3.45e-017	7.19e-018
	416	-4.03e-014	1.61e-018	1.89e-019	-8.38e-017	4.33e-017	-8.21e-017
129	412	5.50e-014	4.27e-018	-7.07e-019	1.01e-016	-2.90e-018	2.28e-016
	414	-5.50e-014	-4.27e-018	7.07e-019	-1.01e-016	3.58e-017	-2.96e-017
130	410	4.77e-014	4.02e-018	5.08e-019	4.94e-017	-2.36e-017	1.18e-016
	412	-4.77e-014	-4.02e-018	-5.08e-019	-4.94e-017	-6.75e-020	6.88e-017
131	408	6.17e-014	-1.68e-018	-1.40e-019	6.46e-017	-8.10e-018	6.64e-017
	410	-6.17e-014	1.68e-018	1.40e-019	-6.46e-017	1.46e-017	-1.45e-016
132	406	7.11e-014	-1.27e-018	-4.71e-019	7.40e-017	1.81e-017	9.35e-017
	408	-7.11e-014	1.27e-018	4.71e-019	-7.40e-017	3.82e-018	-1.53e-016
133	293	9.58e-014	1.43e-017	-2.46e-018	1.00e-016	1.13e-016	5.81e-016
	406	-9.58e-014	-1.43e-017	2.46e-018	-1.00e-016	1.66e-018	8.61e-017
134	164	4.70e-014	3.07e-017	2.77e-018	8.37e-016	-1.82e-016	1.19e-016
	147	-4.70e-014	-3.07e-017	-2.77e-018	-8.37e-016	8.00e-017	1.02e-015
135	163	1.67e-014	-1.14e-018	-4.38e-019	3.10e-016	-6.91e-017	-1.97e-017
	164	-1.67e-014	1.14e-018	4.38e-019	-3.10e-016	8.53e-017	-2.23e-017
136	366	9.98e-015	-2.06e-018	-9.71e-019	1.16e-016	2.73e-017	-9.70e-017
	163	-9.98e-015	2.06e-018	9.71e-019	-1.16e-016	8.63e-018	2.06e-017
137	404	-8.54e-016	6.25e-018	-7.26e-019	8.97e-018	9.64e-017	1.89e-016
	366	8.54e-016	-6.25e-018	7.26e-019	-8.97e-018	-6.26e-017	1.02e-016
138	403	1.54e-014	5.62e-018	-5.50e-019	-6.87e-017	1.29e-016	1.24e-017
	404	-1.54e-014	-5.62e-018	5.50e-019	6.87e-017	-1.04e-016	2.49e-016
139	402	2.24e-015	-1.22e-018	2.05e-019	-9.51e-017	1.08e-016	-4.95e-017
	403	-2.24e-015	1.22e-018	-2.05e-019	9.51e-017	-1.17e-016	-7.39e-018
140	401	-6.51e-015	-1.20e-018	3.71e-019	-9.36e-017	8.00e-017	-4.09e-017
	402	6.51e-015	1.20e-018	-3.71e-019	9.36e-017	-9.73e-017	-1.50e-017
141	400	-2.02e-014	6.11e-018	9.27e-019	-7.29e-017	3.91e-017	2.29e-016
	401	2.02e-014	-6.11e-018	-9.27e-019	7.29e-017	-8.22e-017	5.55e-017
142	399	-4.88e-015	6.66e-018	-6.68e-019	-1.37e-016	7.43e-017	9.03e-017
	400	4.88e-015	-6.66e-018	6.68e-019	1.37e-016	-4.32e-017	2.20e-016
143	398	-1.97e-014	-1.31e-018	2.98e-019	-1.27e-016	4.71e-017	7.25e-018
	399	1.97e-014	1.31e-018	-2.98e-019	1.27e-016	-6.10e-017	-6.84e-017
144	397	-2.88e-014	-1.23e-018	4.15e-019	-1.18e-016	1.81e-017	1.98e-017

	398	2.88e-014	1.23e-018	-4.15e-019	1.18e-016	-3.74e-017	-7.69e-017
145	396	-4.17e-014	4.24e-018	6.47e-019	-1.01e-016	-1.35e-017	2.29e-016
	397	4.17e-014	-4.24e-018	-6.47e-019	1.01e-016	-1.67e-017	-3.11e-017
146	395	-3.27e-014	4.58e-018	-2.76e-019	-1.38e-016	2.60e-018	1.29e-016
	396	3.27e-014	-4.58e-018	2.76e-019	1.38e-016	1.03e-017	8.42e-017
147	394	-4.62e-014	-1.45e-018	3.75e-019	-1.38e-016	-2.43e-017	7.03e-017
	395	4.62e-014	1.45e-018	-3.75e-019	1.38e-016	6.87e-018	-1.38e-016
148	393	-5.52e-014	-1.01e-018	5.94e-019	-1.44e-016	-5.88e-017	9.98e-017
	394	5.52e-014	1.01e-018	-5.94e-019	1.44e-016	3.12e-017	-1.47e-016
149	292	-7.53e-014	1.21e-017	5.37e-019	-1.90e-016	-8.07e-017	5.06e-016
	393	7.53e-014	-1.21e-017	-5.37e-019	1.90e-016	5.58e-017	5.55e-017
150	221	-3.03e-014	1.45e-017	-1.63e-018	-3.28e-017	-1.99e-017	1.17e-016
	205	3.03e-014	-1.45e-017	1.63e-018	3.28e-017	6.72e-017	3.04e-016
151	219	-1.55e-014	-1.37e-018	-5.66e-019	-4.85e-018	9.06e-018	-2.90e-017
	221	1.55e-014	1.37e-018	5.66e-019	4.85e-018	1.58e-017	-3.14e-017
152	217	-7.78e-015	-1.27e-018	-3.96e-019	-7.31e-018	2.84e-017	-1.16e-017
	219	7.78e-015	1.27e-018	3.96e-019	7.31e-018	-1.10e-017	-4.42e-017
153	180	-2.54e-016	-1.06e-018	-9.21e-020	-2.09e-017	3.71e-017	1.69e-017
	217	2.54e-016	1.06e-018	9.21e-020	2.09e-017	-3.31e-017	-6.36e-017
154	57	1.09e-014	3.51e-018	1.54e-018	-5.02e-017	-1.99e-017	1.61e-016
	180	-1.09e-014	-3.51e-018	-1.54e-018	5.02e-017	-5.57e-017	1.04e-017
155	215	5.31e-014	2.03e-017	2.81e-018	-2.29e-017	-2.32e-017	1.50e-016
	204	-5.31e-014	-2.03e-017	-2.81e-018	2.29e-017	-5.84e-017	4.38e-016
156	214	3.10e-014	-2.11e-018	4.74e-019	-3.55e-017	-3.77e-017	-4.78e-017
	215	-3.10e-014	2.11e-018	-4.74e-019	3.55e-017	1.69e-017	-4.52e-017
157	213	2.00e-014	-1.91e-018	2.93e-019	-5.13e-017	-5.36e-017	-2.56e-017
	214	-2.00e-014	1.91e-018	-2.93e-019	5.13e-017	4.07e-017	-5.84e-017
158	179	9.85e-015	-1.66e-018	-5.82e-020	-6.56e-017	-5.95e-017	6.99e-018
	213	-9.85e-015	1.66e-018	5.82e-020	6.56e-017	6.21e-017	-8.02e-017
159	56	-1.88e-015	2.34e-018	-1.95e-018	-9.37e-017	1.73e-017	1.28e-016
	179	1.88e-015	-2.34e-018	1.95e-018	9.37e-017	7.81e-017	-1.31e-017
160	42	-3.96e-015	-3.26e-018	1.76e-017	-1.08e-015	-2.00e-016	-2.32e-016
	132	3.96e-015	3.26e-018	-1.76e-017	1.08e-015	-4.51e-016	1.11e-016
161	41	2.72e-014	-9.64e-020	-1.09e-017	-5.66e-016	1.28e-016	-1.31e-016
	42	-2.72e-014	9.64e-020	1.09e-017	5.66e-016	2.74e-016	1.28e-016
162	357	1.29e-014	3.45e-018	-1.87e-017	-5.06e-016	4.38e-016	-7.32e-018
	41	-1.29e-014	-3.45e-018	1.87e-017	5.06e-016	2.55e-016	1.35e-016
163	616	-2.18e-015	-7.10e-019	5.41e-020	-3.92e-016	2.19e-016	5.53e-016
	357	2.18e-015	7.10e-019	-5.41e-020	3.92e-016	-2.22e-016	-5.86e-016
164	615	1.78e-015	-5.21e-018	-1.77e-018	8.32e-017	3.52e-016	7.47e-017
	616	-1.78e-015	5.21e-018	1.77e-018	-8.32e-017	-2.70e-016	-3.17e-016
165	614	4.37e-014	3.91e-019	-7.69e-019	-6.68e-017	1.47e-016	1.93e-016
	615	-4.37e-014	-3.91e-019	7.69e-019	6.68e-017	-1.11e-016	-1.74e-016
166	613	6.71e-014	-5.88e-019	-1.55e-018	-8.38e-017	1.09e-016	6.32e-017
	614	-6.71e-014	5.88e-019	1.55e-018	8.38e-017	-3.72e-017	-9.06e-017
167	612	8.61e-014	-4.65e-019	6.71e-018	-1.24e-016	-1.97e-016	6.15e-017
	613	-8.61e-014	4.65e-019	-6.71e-018	1.24e-016	-1.15e-016	-8.31e-017
168	611	7.04e-014	5.64e-019	6.53e-018	-8.11e-017	-3.48e-017	8.63e-017
	612	-7.04e-014	-5.64e-019	-6.53e-018	8.11e-017	-2.69e-016	-6.00e-017
169	610	8.41e-014	-3.22e-020	-1.07e-018	-9.93e-017	4.05e-017	8.14e-017
	611	-8.41e-014	3.22e-020	1.07e-018	9.93e-017	9.22e-018	-8.29e-017
170	609	9.07e-014	-1.26e-019	-8.97e-019	-1.12e-016	3.71e-017	7.37e-017
	610	-9.07e-014	1.26e-019	8.97e-019	1.12e-016	4.69e-018	-7.95e-017

171	608	1.02e-013	-2.53e-019	6.73e-018	-1.24e-016	-2.35e-016	6.30e-017
	609	-1.02e-013	2.53e-019	-6.73e-018	1.24e-016	-7.84e-017	-7.47e-017
172	607	8.35e-014	1.70e-019	6.75e-018	-1.12e-016	-7.72e-017	7.14e-017
	608	-8.35e-014	-1.70e-019	-6.75e-018	1.12e-016	-2.37e-016	-6.35e-017
173	606	9.40e-014	-8.78e-020	-6.92e-019	-1.16e-016	4.81e-018	6.45e-017
	607	-9.40e-014	8.78e-020	6.92e-019	1.16e-016	2.74e-017	-6.86e-017
174	605	9.86e-014	-1.03e-019	-6.24e-019	-1.15e-016	6.10e-018	5.80e-017
	606	-9.86e-014	1.03e-019	6.24e-019	1.15e-016	2.29e-017	-6.28e-017
175	283	1.08e-013	5.26e-020	5.63e-018	-1.09e-016	-2.16e-016	5.85e-017
	605	-1.08e-013	-5.26e-020	-5.63e-018	1.09e-016	-4.60e-017	-5.60e-017
176	350	9.28e-014	-1.31e-019	5.66e-018	-1.11e-016	-7.72e-017	5.26e-017
	283	-9.28e-014	1.31e-019	-5.66e-018	1.11e-016	-1.64e-016	-5.82e-017
177	349	1.00e-013	-1.08e-019	-6.55e-019	-9.83e-017	-1.49e-017	4.79e-017
	350	-1.00e-013	1.08e-019	6.55e-019	9.83e-017	4.28e-017	-5.25e-017
178	195	1.04e-013	-6.86e-020	-2.82e-019	-8.17e-017	-2.05e-017	4.63e-017
	349	-1.04e-013	6.86e-020	2.82e-019	8.17e-017	3.68e-017	-5.03e-017
179	274	1.11e-013	7.71e-020	2.13e-018	-6.25e-017	-1.16e-016	4.13e-017
	195	-1.11e-013	-7.71e-020	-2.13e-018	6.25e-017	5.45e-017	-3.91e-017
180	273	1.06e-013	-2.35e-019	4.25e-018	-4.38e-017	-9.31e-017	3.16e-017
	274	-1.06e-013	2.35e-019	-4.25e-018	4.38e-017	-9.40e-017	-4.19e-017
181	272	1.23e-013	1.53e-020	-2.67e-018	-9.18e-018	-1.49e-017	2.70e-017
	273	-1.23e-013	-1.53e-020	2.67e-018	9.18e-018	1.32e-016	-2.63e-017
182	170	1.62e-013	1.99e-018	2.20e-017	1.88e-017	-7.80e-016	9.77e-017
	272	-1.62e-013	-1.99e-018	-2.20e-017	-1.88e-017	-1.86e-016	-1.03e-017
183	52	3.49e-014	3.82e-018	1.75e-017	-1.03e-015	-3.15e-017	2.19e-016
	139	-3.49e-014	-3.82e-018	-1.75e-017	1.03e-015	-6.14e-016	-7.74e-017
184	50	3.14e-014	5.34e-019	4.09e-018	-4.95e-016	-3.75e-017	1.12e-016
	52	-3.14e-014	-5.34e-019	-4.09e-018	4.95e-016	-1.14e-016	-9.21e-017
185	362	4.15e-014	-1.28e-019	3.38e-018	-2.97e-016	3.72e-017	3.62e-017
	50	-4.15e-014	1.28e-019	-3.38e-018	2.97e-016	-1.62e-016	-4.10e-017
186	127	5.18e-014	-3.86e-019	2.27e-018	-1.99e-016	1.98e-017	-1.33e-017
	362	-5.18e-014	3.86e-019	-2.27e-018	1.99e-016	-1.25e-016	-4.61e-018
187	124	7.34e-014	-4.05e-019	9.89e-018	-1.32e-016	-2.29e-017	-3.95e-017
	127	-7.34e-014	4.05e-019	-9.89e-018	1.32e-016	-4.38e-016	2.06e-017
188	120	5.97e-014	2.45e-019	-6.67e-019	-1.16e-016	1.23e-016	-2.17e-017
	124	-5.97e-014	-2.45e-019	6.67e-019	1.16e-016	-9.16e-017	3.31e-017
189	116	5.09e-014	3.38e-019	-8.89e-019	-1.19e-016	1.17e-016	9.21e-019
	120	-5.09e-014	-3.38e-019	8.89e-019	1.19e-016	-7.52e-017	1.48e-017
190	112	3.68e-014	6.49e-019	6.81e-018	-1.38e-016	-1.70e-016	3.03e-017
	116	-3.68e-014	-6.49e-019	-6.81e-018	1.38e-016	-1.47e-016	-1.06e-019
191	107	5.48e-014	-4.81e-019	7.24e-018	-9.07e-017	-1.78e-017	5.03e-018
	112	-5.48e-014	4.81e-019	-7.24e-018	9.07e-017	-3.19e-016	-2.74e-017
192	103	4.03e-014	3.47e-019	-8.41e-019	-1.02e-016	6.18e-017	3.27e-017
	107	-4.03e-014	-3.47e-019	8.41e-019	1.02e-016	-2.27e-017	-1.66e-017
193	99	3.16e-014	4.10e-019	-8.04e-019	-1.13e-016	5.17e-017	6.03e-017
	103	-3.16e-014	-4.10e-019	8.04e-019	1.13e-016	-1.43e-017	-4.12e-017
194	62	1.77e-014	4.08e-019	6.67e-018	-1.27e-016	-2.26e-016	8.26e-017
	99	-1.77e-014	-4.08e-019	-6.67e-018	1.27e-016	-8.43e-017	-6.36e-017
195	622	3.43e-014	-3.83e-020	6.78e-018	-1.10e-016	-7.75e-017	7.98e-017
	62	-3.43e-014	3.83e-020	-6.78e-018	1.10e-016	-2.38e-016	-8.16e-017
196	620	2.06e-014	4.32e-019	-7.15e-019	-1.10e-016	-5.58e-018	1.08e-016
	622	-2.06e-014	-4.32e-019	7.15e-019	1.10e-016	3.89e-017	-8.83e-017
197	618	1.23e-014	3.56e-019	-7.02e-019	-1.12e-016	-1.68e-017	1.36e-016

	620	-1.23e-014	-3.56e-019	7.02e-019	1.12e-016	4.95e-017	-1.19e-016
198	288	2.11e-015	-3.50e-019	4.25e-018	-1.24e-016	-2.10e-016	1.27e-016
	618	-2.11e-015	3.50e-019	-4.25e-018	1.24e-016	1.22e-017	-1.44e-016
199	354	1.86e-014	-7.80e-019	5.78e-018	-1.39e-016	-9.12e-017	7.99e-017
	288	-1.86e-014	7.80e-019	-5.78e-018	1.39e-016	-1.55e-016	-1.13e-016
200	352	1.30e-014	-7.40e-019	-1.69e-018	-1.27e-016	6.53e-018	3.25e-017
	354	-1.30e-014	7.40e-019	1.69e-018	1.27e-016	6.57e-017	-6.41e-017
201	200	1.11e-014	-4.08e-019	-8.52e-019	-1.02e-016	1.89e-017	-7.32e-018
	352	-1.11e-014	4.08e-019	8.52e-019	1.02e-016	3.03e-017	-1.62e-017
202	280	-1.30e-015	-1.40e-019	1.45e-017	-7.45e-017	-3.28e-016	-6.46e-018
	200	1.30e-015	1.40e-019	-1.45e-017	7.45e-017	-9.31e-017	2.41e-018
203	278	1.11e-014	3.48e-019	2.74e-018	-5.62e-017	-4.13e-017	7.44e-018
	280	-1.11e-014	-3.48e-019	-2.74e-018	5.62e-017	-7.93e-017	7.86e-018
204	276	5.32e-015	5.27e-019	2.45e-019	-3.54e-017	-5.00e-017	3.88e-017
	278	-5.32e-015	-5.27e-019	-2.45e-019	3.54e-017	3.92e-017	-1.56e-017
205	175	1.82e-015	6.47e-019	4.38e-018	-1.35e-017	-1.54e-016	7.34e-017
	276	-1.82e-015	-6.47e-019	-4.38e-018	1.35e-017	-3.91e-017	-4.50e-017
220	14	2920.00	2.10e-006	-1.25e-006	0.00	1.25e-005	2.10e-005
	192	-2920.00	-2.10e-006	1.25e-006	0.00	0.00	0.00
221	11	6.96e-005	1.00e-006	2.00e-006	0.00	-2.00e-005	1.00e-005
	191	-6.96e-005	-1.00e-006	-2.00e-006	0.00	0.00	0.00
222	4	2920.00	-1.25e-006	-1.85e-006	0.00	1.85e-005	-1.25e-005
	695	-2920.00	1.25e-006	1.85e-006	0.00	0.00	0.00
223	1	4.18e-005	-1.85e-006	1.10e-006	0.00	-1.10e-005	-1.85e-005
	694	-4.18e-005	1.85e-006	-1.10e-006	0.00	0.00	0.00
228	20	2.71e-007	-1.47e-007	7.98e-008	-1.65e-006	4.78e-007	-1.97e-006
	138	-2.71e-007	1.47e-007	-7.98e-008	1.65e-006	-4.23e-006	-4.93e-006
229	137	2.46e-006	-1.47e-007	-8.69e-009	-6.16e-007	6.85e-007	-6.21e-006
	20	-2.46e-006	1.47e-007	8.69e-009	6.16e-007	-2.76e-007	-6.79e-007
230	10	2.84e-006	7.87e-008	3.48e-008	-1.12e-006	-2.21e-006	-1.43e-006
	135	-2.84e-006	-7.87e-008	-3.48e-008	1.12e-006	5.73e-007	5.13e-006
231	134	1.41e-006	-7.80e-008	1.75e-007	-6.09e-007	-1.14e-005	-2.50e-006
	10	-1.41e-006	7.80e-008	-1.75e-007	6.09e-007	3.24e-006	-1.17e-006
232	131	2.15e-007	-1.68e-007	-1.09e-007	5.00e-006	-3.13e-005	-4.57e-006
	40	-2.15e-007	1.68e-007	1.09e-007	-5.00e-006	3.37e-005	8.66e-007
233	53	-1.93e-006	6.57e-008	2.06e-007	5.56e-006	4.18e-005	2.58e-006
	142	1.93e-006	-6.57e-008	-2.06e-007	-5.56e-006	-4.63e-005	-1.13e-006
234	33	8.04e-007	5.92e-007	-1.97e-007	3.03e-006	-8.46e-006	7.46e-006
	131	-8.04e-007	-5.92e-007	1.97e-007	-3.03e-006	1.44e-005	1.03e-005
235	25	4.73e-008	-5.04e-007	-3.07e-008	3.21e-007	-2.36e-006	-7.67e-006
	138	-4.73e-008	5.04e-007	3.07e-008	-3.21e-007	3.28e-006	-7.45e-006
236	5	8.29e-007	-3.20e-008	-1.10e-007	-2.53e-006	-8.88e-006	-2.43e-006
	134	-8.29e-007	3.20e-008	1.10e-007	2.53e-006	1.22e-005	1.47e-006
237	160	-2.23e-006	-4.79e-008	-2.44e-007	-1.61e-006	-3.71e-005	2.46e-006
	142	2.23e-006	4.79e-008	2.44e-007	1.61e-006	4.44e-005	-3.90e-006
370	147	-1.30e-006	1.56e-006	-1.39e-006	-8.63e-006	1.15e-004	6.97e-005
	150	1.30e-006	-1.56e-006	1.39e-006	8.63e-006	1.01e-005	7.11e-005
372	139	-4.14e-006	8.90e-007	2.68e-006	1.24e-005	-1.13e-004	3.74e-005
	132	4.14e-006	-8.90e-007	-2.68e-006	-1.24e-005	-1.18e-004	3.91e-005
Elem Nodo	Nx	Ny	Nxy	Mx	My	Mxy	
1	53	5.91e-010	7.00e-009	-3.72e-009	7.88e-007	2.37e-006	-1.26e-006
	51	5.91e-010	-4.88e-009	-2.72e-009	6.40e-008	1.72e-006	-8.43e-007
	708	-7.70e-010	7.00e-009	2.90e-010	1.07e-006	2.08e-006	-1.70e-006
2	708	-5.71e-009	1.33e-008	4.56e-010	-6.98e-007	1.99e-006	-1.68e-006

	52	-5.71e-009	-2.75e-008	4.56e-009	-4.48e-007	4.50e-006	-1.76e-006
	139	-8.12e-009	9.42e-009	6.84e-009	-6.99e-007	5.23e-006	-9.48e-007
3	132	1.19e-009	1.17e-009	2.81e-009	-5.88e-007	-4.31e-006	-2.60e-006
	42	1.19e-009	1.74e-008	7.00e-009	-1.12e-006	-3.04e-006	-3.02e-006
	709	-1.53e-009	1.17e-009	1.85e-010	-7.24e-007	-6.40e-007	-2.19e-006
4	3	6.00e-009	4.30e-008	6.30e-009	-7.19e-008	7.18e-007	6.42e-007
	705	6.00e-009	-8.98e-009	-3.02e-010	-9.80e-008	7.12e-007	6.48e-007
	150	9.61e-009	-4.76e-009	7.34e-009	-9.44e-008	7.15e-007	6.46e-007
5	164	-1.41e-008	-3.77e-008	1.67e-008	-8.82e-007	-3.01e-006	2.35e-006
	147	-1.41e-008	1.16e-008	1.76e-009	-4.27e-007	-4.19e-006	2.00e-006
	704	-5.21e-009	1.16e-008	-5.57e-009	-5.31e-007	-7.73e-007	1.65e-006
6	27	1.60e-008	1.41e-010	-1.17e-008	-5.26e-007	-6.54e-008	-5.65e-008
	146	1.60e-008	8.02e-010	1.05e-008	-3.68e-007	-1.43e-008	-5.60e-008
	697	8.78e-009	8.02e-010	1.05e-008	-3.68e-007	9.20e-009	-4.77e-008
7	32	-1.70e-008	-1.90e-010	1.10e-008	-1.06e-006	-3.27e-007	-4.21e-007
	143	-1.70e-008	-7.90e-010	-1.03e-008	-4.49e-007	3.88e-008	-3.89e-007
	696	-1.00e-008	-7.90e-010	-1.03e-008	-4.44e-007	-3.16e-007	-3.30e-007
8	46	1.26e-008	-2.90e-009	6.46e-009	-2.80e-007	6.86e-007	-6.10e-008
	133	1.26e-008	2.56e-009	9.51e-009	-2.05e-007	1.41e-007	2.64e-008
	45	1.07e-008	-2.62e-009	5.76e-009	-2.49e-007	-2.96e-007	-2.27e-007
9	677	1.30e-008	3.64e-009	-6.97e-009	-9.61e-007	-1.73e-008	3.15e-007
	71	1.30e-008	-3.35e-009	-7.01e-009	1.64e-008	-5.49e-008	3.66e-007
	680	1.31e-008	1.20e-009	-4.79e-009	-5.88e-007	-1.62e-007	3.09e-007
10	72	6.00e-009	2.17e-009	-4.08e-009	-5.16e-007	1.19e-007	7.75e-008
	82	6.00e-009	-9.96e-010	-5.37e-009	-3.27e-007	2.63e-007	-8.12e-008
	79	7.98e-009	1.52e-009	-3.13e-009	-5.99e-007	-1.11e-007	1.56e-007
66	709	2.10e-009	-4.08e-010	3.81e-009	2.47e-006	1.04e-006	1.52e-006
	40	2.10e-009	8.23e-010	3.60e-009	2.14e-006	9.23e-007	1.47e-006
	37	2.71e-009	8.23e-010	2.69e-009	2.06e-006	6.71e-007	1.29e-006
67	42	4.13e-010	2.71e-010	-2.84e-009	-3.39e-007	-6.09e-007	1.86e-006
	37	4.13e-010	-1.38e-009	-5.10e-009	-2.19e-006	-2.22e-007	1.49e-006
	709	4.94e-009	-2.64e-010	-2.74e-009	-1.31e-006	-6.68e-007	2.13e-006
68	51	-9.91e-010	2.15e-009	2.49e-010	1.97e-006	-4.63e-007	1.06e-006
	52	-9.91e-010	-6.65e-009	-6.72e-010	2.83e-007	3.69e-007	1.62e-006
	708	8.53e-010	-3.79e-009	4.02e-009	1.40e-006	5.25e-007	2.27e-006
69	5	-2.75e-009	-8.95e-010	1.51e-009	5.11e-007	2.33e-007	-6.32e-007
	705	-2.75e-009	1.12e-009	-2.25e-009	7.22e-008	3.31e-007	-7.86e-007
	2	8.86e-009	-8.95e-010	-4.04e-011	2.72e-007	2.87e-007	-4.80e-007
70	704	-1.12e-009	6.30e-009	2.24e-009	2.40e-006	6.19e-007	9.56e-007
	155	-1.12e-009	-5.69e-009	-4.40e-009	8.63e-007	8.89e-007	8.67e-007
	160	4.93e-009	2.75e-009	3.01e-009	1.90e-006	1.09e-006	1.05e-006
71	164	-6.89e-009	-3.57e-009	5.05e-009	3.74e-007	-8.93e-007	9.82e-007
	704	-6.89e-009	-1.26e-009	-2.54e-009	3.90e-007	-2.24e-006	1.25e-006
	155	6.31e-009	-2.97e-009	2.09e-009	6.12e-007	-2.04e-006	-1.19e-007
72	2	2.03e-009	-4.17e-009	3.97e-009	7.18e-007	-2.39e-007	2.96e-007
	705	2.03e-009	6.59e-009	-1.35e-009	9.54e-007	-4.34e-007	2.51e-007
	3	9.11e-009	4.77e-010	-1.91e-009	7.91e-007	-4.94e-007	1.47e-007
73	697	3.68e-009	2.28e-009	-6.81e-009	4.36e-007	-2.65e-007	-1.28e-007
	24	3.68e-009	5.26e-009	8.05e-009	3.49e-008	2.66e-007	-1.50e-007
	25	-9.88e-009	3.17e-009	-3.09e-009	3.07e-007	2.93e-007	1.08e-007
74	27	-5.00e-009	1.61e-008	-1.18e-008	4.00e-008	4.40e-007	1.37e-007
	24	-5.00e-009	-1.76e-008	-1.92e-008	4.66e-007	2.34e-007	2.87e-007
	697	1.34e-008	9.40e-009	7.55e-009	3.11e-007	3.72e-007	-8.80e-008
75	31	3.22e-009	1.57e-008	-1.65e-008	-1.21e-006	-5.00e-007	8.57e-007
	32	3.22e-009	-1.71e-008	-1.12e-008	-4.25e-009	-9.12e-007	5.92e-007
	696	-1.01e-008	-1.05e-008	8.02e-009	-5.72e-007	-4.49e-007	1.37e-007
76	31	-3.07e-009	-7.68e-009	7.92e-009	7.87e-008	-1.26e-006	-2.65e-007
	696	-3.07e-009	-4.81e-009	-8.02e-009	-3.75e-007	8.77e-008	-2.56e-007

	33	1.15e-008	-5.66e-009	-3.95e-009	-2.36e-007	-1.27e-006	3.56e-007
238	686	8.92e-010	1.03e-010	-3.99e-010	9.44e-009	-1.58e-006	-9.69e-007
	685	8.92e-010	1.94e-010	-4.65e-010	-1.23e-006	-3.63e-006	-7.29e-007
	664	1.33e-009	1.94e-010	-3.18e-010	-1.80e-006	-6.30e-007	-1.61e-006
	675	1.33e-009	1.03e-010	-2.52e-010	8.94e-007	-6.96e-009	-1.85e-006
239	641	-8.49e-011	1.48e-010	1.57e-010	-5.56e-007	-1.14e-006	6.75e-007
	638	-8.49e-011	3.90e-010	3.21e-010	-3.82e-006	-1.31e-006	1.80e-006
	685	8.92e-010	3.90e-010	6.43e-011	-1.96e-006	-3.10e-006	6.83e-007
	686	8.92e-010	1.48e-010	-9.95e-011	8.75e-008	-1.26e-006	-4.44e-007
240	684	6.91e-011	-5.60e-011	-5.55e-010	-4.35e-007	4.82e-007	-1.43e-006
	686	6.91e-011	1.03e-010	-5.35e-010	2.02e-007	-4.34e-007	-1.43e-006
	675	1.71e-010	1.03e-010	-3.00e-010	-4.13e-007	-2.34e-007	-1.88e-006
	673	1.71e-010	-5.60e-011	-3.20e-010	1.82e-007	2.12e-007	-1.88e-006
241	640	-3.74e-011	-5.65e-011	2.42e-010	1.01e-006	4.02e-007	6.07e-007
	641	-3.74e-011	1.48e-010	2.27e-010	-1.22e-006	-2.58e-007	6.01e-007
	686	6.91e-011	1.48e-010	-2.35e-010	-4.38e-007	-7.81e-007	-6.75e-007
	684	6.91e-011	-5.65e-011	-2.20e-010	2.13e-007	8.57e-007	-6.69e-007
242	644	-7.76e-010	-1.20e-010	-6.24e-010	1.07e-006	3.68e-006	-7.15e-007
	684	-7.76e-010	-5.60e-011	-4.72e-010	-2.41e-007	1.64e-006	-9.55e-007
	673	-1.01e-009	-5.60e-011	-2.95e-010	-1.17e-006	-2.94e-008	-1.84e-006
	661	-1.01e-009	-1.20e-010	-4.47e-010	1.68e-006	6.13e-007	-1.60e-006
243	637	-2.28e-011	-3.32e-010	2.59e-010	3.67e-006	1.43e-006	1.83e-006
	640	-2.28e-011	-5.65e-011	1.93e-010	3.58e-007	1.28e-006	6.88e-007
	684	-7.76e-010	-5.65e-011	-1.37e-010	-3.06e-007	1.34e-006	-4.28e-007
	644	-7.76e-010	-3.32e-010	-7.13e-011	1.80e-006	3.19e-006	7.11e-007
244	682	-3.26e-010	2.31e-010	1.56e-011	-1.73e-006	8.98e-007	1.81e-007
	689	-3.26e-010	2.91e-010	6.80e-011	-3.44e-006	1.91e-006	3.23e-007
	638	-8.49e-011	2.91e-010	2.13e-010	-3.00e-006	7.16e-007	1.40e-006
	641	-8.49e-011	2.31e-010	1.60e-010	-1.81e-006	6.38e-008	1.25e-006
245	635	2.36e-011	2.12e-010	-3.03e-010	-1.63e-006	3.52e-007	-1.10e-006
	632	2.36e-011	4.39e-010	-3.36e-010	-2.58e-006	9.90e-007	-1.43e-006
	689	-3.26e-010	4.39e-010	-9.49e-011	-3.39e-006	1.78e-006	-3.84e-007
	682	-3.26e-010	2.12e-010	-6.17e-011	-1.67e-006	7.93e-007	-5.38e-008
246	643	-5.73e-011	-1.21e-010	2.89e-012	8.72e-007	-4.53e-007	3.33e-007
	682	-5.73e-011	2.31e-010	-1.67e-011	-1.05e-006	6.13e-007	3.25e-007
	641	-3.74e-011	2.31e-010	2.30e-010	-5.09e-007	-1.50e-008	8.97e-007
	640	-3.74e-011	-1.21e-010	2.50e-010	3.08e-007	1.64e-007	9.05e-007
247	634	-3.34e-011	-1.28e-010	-3.15e-010	3.77e-007	-3.83e-008	-8.49e-007
	635	-3.34e-011	2.12e-010	-3.10e-010	-5.28e-007	1.45e-007	-8.57e-007
	682	-5.73e-011	2.12e-010	-9.40e-011	-9.87e-007	5.66e-007	-1.01e-007
	643	-5.73e-011	-1.28e-010	-9.84e-011	8.16e-007	-4.22e-007	-9.33e-008
248	691	1.71e-010	-2.25e-010	4.47e-011	3.30e-006	-1.75e-006	3.46e-007
	643	1.71e-010	-1.21e-010	4.12e-011	1.56e-006	-7.38e-007	1.95e-007
	640	-2.28e-011	-1.21e-010	2.01e-010	1.62e-006	8.90e-008	1.27e-006
	637	-2.28e-011	-2.25e-010	2.05e-010	2.85e-006	-5.67e-007	1.42e-006
249	631	-1.11e-010	-3.83e-010	-2.87e-010	2.46e-006	-8.88e-007	-1.40e-006
	634	-1.11e-010	-1.28e-010	-3.02e-010	1.48e-006	-2.45e-007	-1.09e-006
	643	1.71e-010	-1.28e-010	-6.01e-011	1.51e-006	-6.49e-007	-3.96e-008
	691	1.71e-010	-3.83e-010	-4.56e-011	3.25e-006	-1.64e-006	-3.51e-007
250	693	1.02e-009	1.65e-010	2.52e-010	-3.20e-007	-6.96e-007	-3.37e-007
	687	1.02e-009	4.07e-010	8.63e-011	-1.76e-006	-1.74e-006	-1.11e-006
	632	2.36e-011	4.07e-010	-3.99e-010	-3.12e-006	-4.92e-007	-1.67e-006
	635	2.36e-011	1.65e-010	-2.33e-010	-6.65e-007	-5.28e-007	-8.94e-007
251	671	1.67e-009	8.40e-011	5.39e-010	4.43e-007	5.64e-008	4.95e-007
	652	1.67e-009	3.68e-010	3.40e-010	-1.92e-006	-4.08e-007	3.59e-007
	687	1.02e-009	3.68e-010	5.03e-010	-1.36e-006	-2.07e-006	-1.69e-007
	693	1.02e-009	8.40e-011	7.02e-010	-2.95e-007	-9.35e-007	-3.23e-008
252	692	2.82e-011	-1.18e-010	3.17e-010	2.58e-007	4.41e-007	-2.13e-007
	693	2.82e-011	1.65e-010	3.28e-010	-3.89e-007	-4.27e-007	-2.21e-007
	635	-3.34e-011	1.65e-010	-2.41e-010	-1.05e-006	-3.13e-008	-7.81e-007

	634	-3.34e-011	-1.18e-010	-2.51e-010	9.00e-007	1.10e-007	-7.74e-007
253	669	7.47e-011	-8.11e-011	5.56e-010	5.57e-007	1.27e-007	5.03e-007
	671	7.47e-011	8.40e-011	5.51e-010	-6.74e-007	-1.98e-007	4.93e-007
	693	2.82e-011	8.40e-011	7.78e-010	-9.24e-008	-1.97e-007	2.60e-007
	692	2.82e-011	-8.11e-011	7.83e-010	-3.72e-008	1.84e-007	2.70e-007
254	683	-9.63e-010	-3.75e-010	1.89e-010	1.66e-006	1.76e-006	-1.09e-006
	692	-9.63e-010	-1.18e-010	2.67e-010	1.90e-007	7.10e-007	-3.32e-007
	634	-1.11e-010	-1.18e-010	-2.38e-010	5.26e-007	6.07e-007	-8.82e-007
	631	-1.11e-010	-3.75e-010	-3.16e-010	3.01e-006	5.50e-007	-1.64e-006
255	649	-1.52e-009	-3.21e-010	4.39e-010	1.85e-006	3.51e-007	3.82e-007
	669	-1.52e-009	-8.11e-011	5.69e-010	-5.81e-007	-1.35e-007	5.08e-007
	692	-9.63e-010	-8.11e-011	7.33e-010	1.60e-007	9.31e-007	-2.40e-008
	683	-9.63e-010	-3.21e-010	6.04e-010	1.27e-006	2.06e-006	-1.50e-007
256	690	3.02e-010	1.01e-010	6.45e-011	3.93e-006	-3.07e-006	-4.86e-007
	691	3.02e-010	-2.25e-010	5.62e-011	3.89e-006	-2.41e-006	3.13e-007
	637	-1.15e-010	-2.25e-010	2.04e-010	4.84e-006	-4.91e-007	1.25e-006
	639	-1.15e-010	1.01e-010	2.13e-010	5.27e-006	-1.14e-006	4.53e-007
257	633	-3.45e-011	3.48e-011	2.49e-011	3.92e-006	-1.27e-006	-1.15e-006
	631	-3.45e-011	-3.83e-010	-1.00e-010	3.87e-006	-9.05e-007	-1.29e-006
	691	3.02e-010	-3.83e-010	-3.41e-011	3.59e-006	-2.14e-006	-5.71e-007
	690	3.02e-010	3.48e-011	9.09e-011	3.80e-006	-2.77e-006	-4.33e-007
258	91	1.71e-010	1.77e-009	1.09e-010	4.31e-007	-2.88e-006	-9.03e-007
	690	1.71e-010	1.01e-010	1.63e-010	3.40e-006	-3.27e-006	-2.42e-007
	639	-6.09e-011	1.01e-010	-2.98e-010	5.01e-006	-1.43e-006	-5.27e-007
	95	-6.09e-011	1.77e-009	-3.52e-010	7.14e-007	-1.43e-006	-1.19e-006
259	87	-1.28e-010	1.48e-009	5.96e-010	5.65e-007	-1.02e-006	-2.88e-007
	633	-1.28e-010	3.48e-011	4.43e-010	3.63e-006	-1.37e-006	-5.14e-007
	690	1.71e-010	3.48e-011	1.89e-010	3.17e-006	-3.01e-006	-9.20e-007
	91	1.71e-010	1.48e-009	3.42e-010	3.76e-007	-2.79e-006	-6.95e-007
260	688	-2.27e-010	-2.26e-010	9.89e-011	-3.48e-006	3.49e-006	-2.76e-007
	626	-2.27e-010	-2.29e-009	1.05e-010	-3.92e-007	3.12e-006	-9.38e-007
	680	-1.38e-010	-2.29e-009	-4.79e-010	-7.30e-007	1.61e-006	-1.18e-006
	642	-1.38e-010	-2.26e-010	-4.85e-010	-5.03e-006	1.57e-006	-5.19e-007
261	636	-1.98e-011	-1.32e-010	5.79e-010	-3.65e-006	1.44e-006	-5.64e-007
	72	-1.98e-011	-1.92e-009	7.50e-010	-5.98e-007	1.05e-006	-3.35e-007
	626	-2.27e-010	-1.92e-009	3.84e-010	-3.55e-007	3.01e-006	-7.42e-007
	688	-2.27e-010	-1.32e-010	2.14e-010	-3.23e-006	3.18e-006	-9.71e-007
262	689	-4.15e-010	2.91e-010	7.72e-011	-4.03e-006	2.57e-006	2.81e-007
	688	-4.15e-010	-2.26e-010	-8.19e-012	-4.01e-006	3.27e-006	-5.13e-007
	642	7.60e-011	-2.26e-010	1.07e-010	-5.34e-006	1.27e-006	4.32e-007
	638	7.60e-011	2.91e-010	1.93e-010	-4.97e-006	6.46e-007	1.23e-006
263	632	1.01e-011	4.39e-010	-1.32e-010	-3.97e-006	1.00e-006	-1.33e-006
	636	1.01e-011	-1.32e-010	6.03e-011	-3.98e-006	1.36e-006	-1.20e-006
	688	-4.15e-010	-1.32e-010	1.07e-010	-3.89e-006	2.93e-006	-4.84e-007
	689	-4.15e-010	4.39e-010	-8.57e-011	-3.71e-006	2.29e-006	-6.07e-007
264	4	1.02e-009	8.08e-010	5.98e-010	-7.25e-006	-5.54e-006	-5.65e-007
	79	1.02e-009	3.91e-010	6.46e-010	1.39e-006	-3.70e-006	-2.00e-007
	72	-1.98e-011	3.91e-010	6.30e-010	-8.80e-007	-5.83e-008	-5.16e-007
	636	-1.98e-011	8.08e-010	5.82e-010	-4.08e-006	2.30e-006	-8.81e-007
265	651	2.70e-009	8.45e-011	4.16e-010	-5.92e-006	3.60e-007	-1.20e-006
	655	2.70e-009	4.58e-010	7.96e-011	-5.66e-007	-7.06e-007	-9.54e-007
	79	1.02e-009	4.58e-010	5.13e-010	1.41e-006	-3.83e-006	-5.65e-007
	4	1.02e-009	8.45e-011	8.50e-010	-7.54e-006	-5.96e-006	-8.07e-007
266	687	1.78e-009	4.07e-010	-2.79e-010	-1.24e-006	-2.82e-006	-1.28e-006
	4	1.78e-009	8.08e-010	-2.06e-011	-8.11e-006	-5.50e-006	-9.53e-007
	636	1.01e-011	8.08e-010	6.32e-011	-4.71e-006	2.23e-006	-1.08e-006
	632	1.01e-011	4.07e-010	-1.95e-010	-3.83e-006	-2.29e-007	-1.41e-006
267	652	3.62e-009	3.68e-010	2.47e-010	-2.48e-006	-6.57e-007	2.53e-007
	651	3.62e-009	8.45e-011	3.40e-010	-6.68e-006	5.62e-007	6.13e-008
	4	1.78e-009	8.45e-011	2.31e-010	-8.21e-006	-6.00e-006	-6.86e-007

	687	1.78e-009	3.68e-010	1.38e-010	-1.23e-006	-2.74e-006	-4.94e-007
268	14	2.29e-009	1.07e-009	8.20e-010	-1.23e-005	-1.04e-005	2.02e-007
	677	2.29e-009	3.93e-010	2.37e-010	2.70e-006	-5.90e-006	1.23e-007
	667	3.13e-009	3.93e-010	1.81e-010	-3.69e-007	-7.52e-007	1.19e-006
	663	3.13e-009	1.07e-009	7.64e-010	-9.39e-006	8.59e-007	1.27e-006
269	642	-1.38e-010	-6.73e-011	-7.37e-010	-5.73e-006	3.31e-006	1.32e-007
	680	-1.38e-010	-6.46e-011	-3.39e-010	-1.44e-006	-6.26e-007	-7.31e-007
	677	2.29e-009	-6.46e-011	3.19e-010	2.60e-006	-5.14e-006	-9.36e-007
	14	2.29e-009	-6.73e-011	-7.91e-011	-1.19e-005	-8.75e-006	-7.29e-008
270	685	8.94e-010	1.94e-010	-5.27e-010	-8.51e-007	-4.68e-006	-7.96e-008
	14	8.94e-010	1.07e-009	4.57e-010	-1.23e-005	-1.04e-005	1.97e-007
	663	3.78e-009	1.07e-009	8.56e-010	-9.77e-006	8.84e-007	-1.13e-006
	664	3.78e-009	1.94e-010	-1.28e-010	-3.01e-006	-1.19e-006	-1.41e-006
271	638	7.60e-011	3.90e-010	3.01e-010	-5.11e-006	-9.26e-007	1.15e-006
	642	7.60e-011	-6.73e-011	-1.44e-010	-6.53e-006	3.03e-006	5.59e-007
	14	8.94e-010	-6.73e-011	-4.42e-010	-1.20e-005	-8.70e-006	5.71e-007
	685	8.94e-010	3.90e-010	2.75e-012	-1.10e-006	-4.76e-006	1.16e-006
272	1	-1.88e-009	-6.68e-010	-6.32e-011	8.13e-006	5.43e-006	-9.23e-007
	683	-1.88e-009	-3.75e-010	-8.97e-011	1.17e-006	2.84e-006	-1.29e-006
	631	-3.45e-011	-3.75e-010	-1.29e-010	3.74e-006	2.81e-007	-1.38e-006
	633	-3.45e-011	-6.68e-010	-1.02e-010	4.66e-006	-2.15e-006	-1.02e-006
273	645	-3.41e-009	-2.92e-010	4.33e-010	6.70e-006	-6.61e-007	6.56e-008
	649	-3.41e-009	-3.21e-010	3.58e-010	2.37e-006	5.86e-007	2.70e-007
	683	-1.88e-009	-3.21e-010	3.24e-010	1.11e-006	2.75e-006	-4.89e-007
	1	-1.88e-009	-2.92e-010	3.99e-010	8.26e-006	6.07e-006	-6.93e-007
274	83	-7.08e-010	-3.49e-010	6.35e-010	-1.17e-006	3.68e-006	-6.34e-008
	1	-7.08e-010	-6.68e-010	3.01e-010	7.14e-006	5.47e-006	-4.86e-007
	633	-1.28e-010	-6.68e-010	3.16e-010	4.03e-006	-2.20e-006	-8.35e-007
	87	-1.28e-010	-3.49e-010	6.50e-010	8.93e-007	1.64e-007	-4.12e-007
275	648	-2.49e-009	-7.23e-010	7.64e-011	5.52e-007	6.81e-007	-1.01e-006
	645	-2.49e-009	-2.92e-010	4.81e-010	6.00e-006	-4.39e-007	-1.22e-006
	1	-7.08e-010	-2.92e-010	7.64e-010	7.51e-006	5.97e-006	-7.35e-007
	83	-7.08e-010	-7.23e-010	3.59e-010	-1.26e-006	3.54e-006	-5.26e-007
276	11	-1.09e-009	-1.33e-009	1.27e-010	1.24e-005	1.06e-005	2.56e-007
	644	-1.09e-009	-1.20e-010	-7.74e-010	6.69e-007	4.76e-006	-4.39e-008
	661	-3.45e-009	-1.20e-010	-2.69e-010	2.83e-006	1.15e-006	-1.38e-006
	657	-3.45e-009	-1.33e-009	6.32e-010	9.82e-006	-1.01e-006	-1.08e-006
277	639	-1.15e-010	1.77e-010	1.15e-010	6.47e-006	-2.87e-006	5.46e-007
	637	-1.15e-010	-3.32e-010	2.59e-010	4.98e-006	1.04e-006	1.17e-006
	644	-1.09e-009	-3.32e-010	-2.22e-010	9.69e-007	4.86e-006	1.22e-006
	11	-1.09e-009	1.77e-010	-3.66e-010	1.20e-005	8.70e-006	5.89e-007
278	629	-1.76e-009	-7.36e-010	4.26e-010	-2.45e-006	5.63e-006	6.55e-008
	11	-1.76e-009	-1.33e-009	7.76e-010	1.22e-005	1.05e-005	1.50e-007
	657	-2.78e-009	-1.33e-009	5.66e-010	9.53e-006	-9.25e-007	1.34e-006
	658	-2.78e-009	-7.36e-010	2.16e-010	3.92e-007	6.80e-007	1.26e-006
279	95	-6.09e-011	-2.45e-010	-3.80e-010	1.42e-006	5.63e-007	-8.01e-007
	639	-6.09e-011	1.77e-010	-3.97e-010	5.75e-006	-3.12e-006	1.11e-007
	11	-1.76e-009	1.77e-010	2.83e-010	1.17e-005	8.77e-006	-1.43e-007
	629	-1.76e-009	-2.45e-010	3.00e-010	-2.23e-006	5.50e-006	-1.06e-006
280	630	1.31e-009	-1.65e-008	2.89e-010	-1.96e-008	1.60e-007	1.72e-008
	660	1.31e-009	-1.94e-008	7.59e-010	3.35e-007	1.84e-007	2.21e-009
	76	5.15e-010	-1.94e-008	2.20e-010	2.26e-007	2.66e-007	2.20e-008
	75	5.15e-010	-1.65e-008	-2.49e-010	2.09e-008	2.72e-007	3.70e-008
281	629	-7.36e-010	-1.63e-008	-8.01e-010	-2.02e-007	-1.35e-006	-1.40e-007
	658	-7.36e-010	-1.26e-008	-1.06e-009	9.87e-008	-1.27e-006	3.55e-010
	660	1.31e-009	-1.26e-008	-1.05e-010	4.06e-007	1.57e-007	5.06e-008
	630	1.31e-009	-1.63e-008	1.57e-010	6.38e-008	1.94e-007	-8.95e-008
282	628	7.86e-010	-1.24e-008	-5.75e-010	-2.48e-007	2.14e-008	-2.71e-008
	630	7.86e-010	-1.65e-008	-2.73e-010	-3.44e-008	1.19e-007	-3.83e-009
	75	-5.09e-010	-1.65e-008	-7.26e-010	-4.01e-008	2.63e-007	5.48e-008

	80	-5.09e-010	-1.24e-008	-1.03e-009	-1.79e-007	2.73e-007	3.16e-008
283	95	-2.45e-010	-1.21e-008	1.88e-009	1.13e-007	-6.65e-007	1.32e-007
	629	-2.45e-010	-1.63e-008	2.96e-010	-2.06e-007	-1.23e-006	3.89e-008
	630	7.86e-010	-1.63e-008	-4.05e-010	-1.27e-007	1.08e-007	-1.01e-007
	628	7.86e-010	-1.21e-008	1.18e-009	-1.94e-007	-2.28e-007	-7.87e-009
284	94	-4.25e-010	-7.64e-009	-6.76e-010	-1.29e-007	-3.34e-008	2.55e-008
	628	-4.25e-010	-1.24e-008	-5.10e-010	-1.11e-007	1.77e-008	-2.34e-008
	80	-1.11e-009	-1.24e-008	-1.33e-009	-1.72e-007	2.19e-007	2.80e-008
	92	-1.11e-009	-7.64e-009	-1.50e-009	-1.82e-007	1.82e-007	7.68e-008
285	91	1.77e-009	-6.57e-009	-2.65e-010	1.66e-008	-3.31e-007	1.31e-007
	95	1.77e-009	-1.21e-008	1.45e-009	-1.29e-007	-5.61e-007	7.37e-008
	628	-4.25e-010	-1.21e-008	1.25e-009	-1.74e-007	-2.13e-007	-2.79e-008
	94	-4.25e-010	-6.57e-009	-4.67e-010	-5.79e-008	-2.49e-007	2.95e-008
286	90	-8.46e-010	-6.76e-009	-1.14e-009	-5.02e-008	-1.58e-008	1.04e-007
	94	-8.46e-010	-7.64e-009	-1.44e-009	-9.49e-008	-3.99e-008	6.16e-008
	92	-1.63e-009	-7.64e-009	-1.06e-009	-1.58e-007	1.75e-007	5.78e-008
	96	-1.63e-009	-6.76e-009	-7.53e-010	-8.51e-008	1.57e-007	9.99e-008
287	87	1.48e-009	-7.21e-009	-1.94e-009	-1.46e-007	-3.99e-007	7.27e-008
	91	1.48e-009	-6.57e-009	-7.24e-010	3.15e-008	-3.14e-007	5.55e-008
	94	-8.46e-010	-6.57e-009	-1.24e-009	-7.89e-008	-2.27e-007	7.26e-008
	90	-8.46e-010	-7.21e-009	-2.45e-009	-7.12e-008	-1.74e-007	8.99e-008
288	86	-5.94e-012	-7.44e-009	-6.78e-010	3.68e-008	-3.19e-010	6.91e-008
	90	-5.94e-012	-6.76e-009	-1.08e-009	-9.81e-008	-2.72e-008	9.83e-008
	96	-1.33e-009	-6.76e-009	-4.16e-010	-6.13e-008	1.90e-007	8.93e-008
	84	-1.33e-009	-7.44e-009	-1.38e-011	7.90e-008	1.77e-007	6.01e-008
289	83	-3.49e-010	-8.26e-009	-8.08e-010	-1.89e-007	-7.62e-007	5.15e-008
	87	-3.49e-010	-7.21e-009	-2.11e-009	1.68e-007	-4.33e-007	1.69e-008
	90	-5.94e-012	-7.21e-009	-2.39e-009	-9.57e-008	-1.92e-007	7.78e-008
	86	-5.94e-012	-8.26e-009	-1.09e-009	-9.19e-009	3.72e-008	1.12e-007
290	646	4.70e-010	-8.10e-009	-1.04e-009	2.56e-007	3.08e-008	2.99e-008
	86	4.70e-010	-7.44e-009	-7.31e-010	6.11e-008	1.88e-008	4.92e-008
	84	-4.68e-010	-7.44e-009	9.69e-011	1.44e-007	1.75e-007	6.14e-008
	88	-4.68e-010	-8.10e-009	-2.08e-010	2.61e-007	1.52e-007	4.21e-008
291	648	-7.23e-010	-5.27e-009	3.73e-010	1.48e-008	-7.59e-007	2.35e-008
	83	-7.23e-010	-8.26e-009	-4.71e-011	-1.04e-007	-8.21e-007	1.28e-007
	86	4.70e-010	-8.26e-009	-1.14e-009	6.52e-008	7.56e-008	9.86e-008
	646	4.70e-010	-5.27e-009	-7.19e-010	2.75e-007	4.25e-008	-6.37e-009
292	82	-3.98e-010	6.76e-009	-1.47e-009	9.54e-009	1.56e-008	5.59e-008
	656	-3.98e-010	7.58e-009	-1.41e-009	-1.38e-007	2.63e-008	-4.96e-010
	125	7.96e-010	7.58e-009	-8.07e-010	-2.37e-007	-2.05e-007	-1.41e-008
	129	7.96e-010	6.76e-009	-8.63e-010	-1.09e-008	-1.69e-007	4.23e-008
293	79	4.58e-010	1.00e-008	-2.61e-010	1.46e-007	6.67e-007	8.93e-008
	655	4.58e-010	5.17e-009	1.72e-010	-1.24e-008	7.02e-007	6.85e-008
	656	-3.98e-010	5.17e-009	-1.16e-009	-8.76e-008	1.85e-008	2.38e-008
	82	-3.98e-010	8.55e-009	-1.83e-009	1.09e-007	6.29e-008	2.08e-007
294	78	2.13e-010	9.20e-009	-2.51e-009	9.83e-008	9.57e-008	7.53e-008
	82	2.13e-010	6.76e-009	-1.53e-009	3.31e-008	1.34e-008	9.77e-008
	129	1.08e-009	6.76e-009	-1.58e-009	1.43e-008	-1.23e-007	7.43e-008
	133	1.08e-009	9.20e-009	-2.56e-009	1.58e-007	-1.54e-007	5.20e-008
295	626	-1.92e-009	7.36e-009	-1.03e-009	-4.18e-008	3.76e-007	6.30e-008
	72	-1.92e-009	7.69e-009	-2.11e-009	1.65e-007	4.40e-007	7.50e-008
	82	2.13e-010	8.08e-009	-3.12e-009	8.59e-008	2.38e-007	8.00e-008
	78	2.13e-010	7.36e-009	-1.76e-009	7.27e-008	2.68e-007	8.41e-008
296	71	-4.21e-010	1.54e-008	9.15e-010	1.56e-007	-6.02e-008	-1.21e-008
	78	-4.21e-010	9.20e-009	-1.19e-009	1.37e-007	8.83e-008	9.73e-009
	133	1.36e-010	9.20e-009	-2.40e-009	1.86e-007	-1.66e-007	9.89e-008
	140	1.36e-010	1.54e-008	-2.99e-010	1.46e-007	-2.14e-007	7.71e-008
297	680	-2.29e-009	1.41e-008	1.84e-009	1.70e-007	5.56e-007	6.79e-008
	626	-2.29e-009	7.36e-009	-5.33e-010	-4.61e-009	3.92e-007	1.40e-007
	78	-4.21e-010	7.36e-009	-4.46e-010	4.98e-008	3.04e-007	2.61e-008

	71	-4.21e-010	1.42e-008	2.18e-009	2.61e-007	3.19e-007	-3.68e-009
298	668	-1.66e-009	1.87e-008	1.16e-009	-9.24e-008	-1.20e-007	1.28e-008
	71	-1.66e-009	1.54e-008	1.18e-009	1.59e-007	-1.06e-007	3.03e-008
	140	-6.33e-010	1.54e-008	1.41e-009	1.73e-007	-2.57e-007	9.05e-008
	144	-6.33e-010	1.87e-008	1.38e-009	-6.98e-008	-3.57e-007	7.30e-008
299	667	3.93e-010	1.27e-008	-6.55e-010	-1.23e-007	1.16e-006	-1.00e-007
	677	3.93e-010	1.79e-008	-9.01e-010	2.80e-007	1.07e-006	-6.40e-008
	71	-1.66e-009	1.67e-008	7.26e-010	2.86e-007	4.58e-008	-2.70e-007
	668	-1.66e-009	1.27e-008	4.02e-010	-6.31e-008	-4.16e-008	-2.19e-008
300	676	-1.30e-009	3.42e-009	-1.26e-009	8.15e-008	6.95e-009	-1.01e-008
	666	-1.30e-009	1.05e-008	-8.48e-010	1.26e-008	-2.08e-008	-1.75e-008
	165	-6.63e-010	1.05e-008	3.92e-010	4.71e-008	-6.27e-008	-6.38e-008
	161	-6.63e-010	3.42e-009	-2.17e-011	2.47e-008	-2.87e-008	-5.64e-008
301	675	1.33e-009	3.88e-009	-1.22e-009	-1.07e-007	1.22e-007	-1.83e-007
	664	1.33e-009	1.31e-008	-1.80e-009	7.09e-008	3.13e-007	-1.41e-007
	666	-1.30e-009	1.31e-008	-2.33e-009	1.03e-007	7.14e-008	-1.07e-008
	676	-1.30e-009	3.88e-009	-1.75e-009	-2.39e-008	6.93e-008	-5.32e-008
302	674	6.20e-012	-4.17e-009	-1.91e-009	1.64e-008	2.18e-009	-1.23e-008
	676	6.20e-012	3.42e-009	-1.83e-009	-3.99e-008	1.18e-008	-1.90e-008
	161	-9.13e-011	3.42e-009	-2.45e-010	1.55e-009	-3.66e-009	-5.31e-008
	156	-9.13e-011	-4.17e-009	-3.21e-010	-4.49e-008	5.15e-008	-4.65e-008
303	673	1.71e-010	-4.33e-009	-1.05e-009	-1.08e-007	-1.02e-007	-1.81e-007
	675	1.71e-010	3.88e-009	-9.64e-010	1.00e-007	6.28e-008	-1.85e-007
	676	6.20e-012	3.88e-009	-2.32e-009	5.25e-008	6.78e-009	-5.30e-008
	674	6.20e-012	-4.33e-009	-2.40e-009	-6.92e-008	-2.36e-008	-4.95e-008
304	662	1.37e-009	-1.13e-008	-1.09e-009	-3.36e-008	2.74e-008	5.21e-009
	674	1.37e-009	-4.17e-009	-1.50e-009	-1.07e-007	5.21e-009	2.41e-009
	156	4.71e-010	-4.17e-009	-1.80e-010	-5.99e-008	7.93e-008	-4.70e-008
	152	4.71e-010	-1.13e-008	2.22e-010	-8.90e-008	1.23e-007	-4.42e-008
305	661	-1.01e-009	-1.36e-008	-2.02e-009	-9.47e-008	-3.68e-007	-1.32e-007
	673	-1.01e-009	-4.33e-009	-1.32e-009	1.16e-007	-1.63e-007	-1.82e-007
	674	1.37e-009	-4.33e-009	-1.99e-009	8.97e-009	-8.85e-008	-4.35e-008
	662	1.37e-009	-1.36e-008	-2.70e-009	-1.22e-007	-8.80e-008	6.55e-009
306	672	-5.74e-010	9.47e-010	-3.07e-009	-1.64e-008	-7.56e-009	-1.30e-007
	654	-5.74e-010	4.01e-009	-2.36e-009	7.30e-008	-2.70e-008	-1.05e-007
	117	8.76e-011	4.01e-009	-1.24e-009	9.39e-008	5.33e-009	-1.26e-007
	113	8.76e-011	9.47e-010	-1.95e-009	3.77e-008	1.45e-008	-1.51e-007
307	671	1.67e-009	2.10e-009	-1.89e-009	1.24e-007	-7.80e-008	1.72e-008
	652	1.67e-009	6.88e-009	-1.86e-009	-8.86e-008	-2.10e-007	1.74e-008
	654	-5.74e-010	6.88e-009	-3.20e-009	1.50e-008	-4.51e-008	-8.27e-008
	672	-5.74e-010	2.10e-009	-3.24e-009	2.08e-008	-2.92e-008	-8.29e-008
308	670	-8.18e-012	-1.23e-009	-3.44e-009	-4.66e-008	4.06e-008	-1.24e-007
	672	-8.18e-012	9.47e-010	-3.42e-009	3.40e-008	9.39e-009	-1.29e-007
	113	-8.94e-011	9.47e-010	-3.13e-009	2.26e-008	5.22e-009	-1.62e-007
	108	-8.94e-011	-1.23e-009	-3.15e-009	-5.17e-008	1.73e-008	-1.56e-007
309	669	7.47e-011	-2.31e-009	-1.80e-009	1.17e-007	1.09e-007	2.27e-008
	671	7.47e-011	2.10e-009	-1.76e-009	-1.16e-007	-2.94e-008	1.98e-008
	672	-8.18e-012	2.10e-009	-3.59e-009	-8.97e-009	1.72e-008	-8.79e-008
	670	-8.18e-012	-2.31e-009	-3.62e-009	2.05e-009	3.84e-008	-8.50e-008
310	650	6.08e-010	-4.49e-009	-2.38e-009	-7.55e-008	6.94e-008	-8.55e-008
	670	6.08e-010	-1.23e-009	-3.16e-009	5.42e-009	5.66e-008	-1.23e-007
	108	-8.13e-011	-1.23e-009	-1.96e-009	-6.44e-008	6.93e-009	-1.38e-007
	104	-8.13e-011	-4.49e-009	-1.19e-009	-1.19e-007	1.36e-008	-1.00e-007
311	649	-1.52e-009	-7.18e-009	-1.96e-009	9.64e-008	2.86e-007	2.09e-008
	669	-1.52e-009	-2.31e-009	-1.94e-009	-1.31e-007	1.55e-007	1.92e-008
	670	6.08e-010	-2.31e-009	-3.34e-009	-2.78e-008	8.55e-008	-7.41e-008
	650	6.08e-010	-7.18e-009	-3.36e-009	-1.15e-008	9.28e-008	-7.25e-008
312	665	-2.41e-009	1.48e-008	3.24e-009	3.83e-008	-1.35e-007	-2.85e-009
	668	-2.41e-009	1.87e-008	2.17e-009	-4.09e-007	-3.41e-007	7.19e-008
	144	-5.78e-010	1.87e-008	1.18e-009	-7.77e-008	6.55e-008	2.70e-008

	17	-5.78e-010	1.48e-008	2.26e-009	-4.39e-008	-8.66e-008	-4.77e-008
313	663	3.13e-009	1.87e-008	2.44e-009	1.04e-007	8.52e-007	1.49e-007
	667	3.13e-009	1.27e-008	2.67e-009	-3.47e-007	3.92e-007	9.71e-008
	668	-2.41e-009	1.27e-008	3.47e-009	-3.03e-007	1.73e-007	2.46e-008
	665	-2.41e-009	1.87e-008	3.23e-009	-9.51e-008	-1.91e-007	7.63e-008
314	666	-2.21e-009	1.05e-008	7.11e-010	1.30e-007	-3.36e-008	-1.98e-008
	665	-2.21e-009	1.48e-008	2.21e-009	9.07e-009	-7.06e-008	-3.67e-008
	17	-5.66e-010	1.48e-008	2.04e-009	1.77e-008	-1.02e-007	-8.04e-008
	165	-5.66e-010	1.05e-008	5.39e-010	6.51e-008	-8.70e-008	-6.36e-008
315	664	3.78e-009	1.31e-008	-2.17e-009	-1.15e-007	4.08e-007	-1.53e-007
	663	3.78e-009	1.87e-008	8.03e-010	6.28e-009	8.21e-007	-8.77e-008
	665	-2.21e-009	1.87e-008	2.20e-009	3.16e-008	-1.59e-007	4.00e-008
	666	-2.21e-009	1.31e-008	-7.73e-010	5.61e-008	8.43e-008	-2.56e-008
316	659	2.21e-009	-1.57e-008	1.48e-009	-3.37e-008	6.10e-008	-1.74e-008
	662	2.21e-009	-1.13e-008	3.46e-010	-1.54e-007	3.31e-008	4.78e-009
	152	4.77e-010	-1.13e-008	2.56e-010	-7.93e-008	1.55e-007	-3.92e-008
	148	4.77e-010	-1.57e-008	1.39e-009	-3.43e-008	1.80e-007	-6.14e-008
317	657	-3.45e-009	-1.91e-008	4.25e-010	-5.84e-008	-8.99e-007	-8.02e-008
	661	-3.45e-009	-1.36e-008	-2.40e-009	1.11e-007	-4.71e-007	-1.43e-007
	662	2.21e-009	-1.36e-008	-1.25e-009	-7.70e-008	-1.02e-007	-7.55e-009
	659	2.21e-009	-1.91e-008	1.57e-009	-5.80e-008	1.46e-007	5.49e-008
318	660	2.10e-009	-1.94e-008	1.29e-009	3.35e-007	2.56e-007	2.96e-008
	659	2.10e-009	-1.57e-008	2.20e-009	-3.83e-008	1.07e-007	1.52e-009
	148	5.44e-010	-1.57e-008	1.27e-009	5.33e-008	1.80e-007	-3.68e-008
	76	5.44e-010	-1.94e-008	3.64e-010	1.50e-007	7.75e-008	-8.69e-009
319	658	-2.78e-009	-1.26e-008	2.89e-009	3.06e-007	-5.60e-007	1.18e-007
	657	-2.78e-009	-1.91e-008	2.10e-009	-1.18e-007	-9.34e-007	1.58e-007
	659	2.10e-009	-1.91e-008	2.28e-009	3.29e-008	1.85e-007	6.51e-008
	660	2.10e-009	-1.26e-008	3.08e-009	2.76e-007	-6.53e-008	2.47e-008
320	653	-1.23e-009	6.10e-009	1.74e-009	1.11e-007	-4.34e-008	-6.66e-008
	656	-1.23e-009	7.58e-009	1.17e-009	3.23e-007	1.01e-007	-5.36e-008
	125	-4.40e-010	7.58e-009	8.33e-010	2.31e-007	-1.31e-007	-6.26e-008
	121	-4.40e-010	6.10e-009	1.40e-009	2.47e-007	2.43e-008	-7.56e-008
321	651	2.70e-009	9.47e-009	1.18e-009	3.62e-008	-4.77e-007	-1.34e-007
	655	2.70e-009	5.17e-009	1.49e-009	1.86e-007	-1.75e-007	-8.01e-008
	656	-1.23e-009	5.17e-009	1.80e-009	2.33e-007	-1.95e-007	-3.02e-008
	653	-1.23e-009	9.47e-009	1.49e-009	1.50e-007	4.06e-008	-8.39e-008
322	654	-1.14e-009	4.01e-009	-1.05e-009	3.27e-008	-3.61e-008	-9.47e-008
	653	-1.14e-009	6.10e-009	5.21e-010	1.12e-007	-6.38e-008	-5.47e-008
	121	-2.19e-010	6.10e-009	1.18e-009	1.59e-007	3.89e-008	-5.79e-008
	117	-2.19e-010	4.01e-009	-3.88e-010	1.20e-007	1.49e-008	-9.78e-008
323	652	3.62e-009	6.88e-009	-1.99e-009	1.88e-007	-2.54e-007	1.88e-008
	651	3.62e-009	9.47e-009	1.66e-010	2.31e-008	-4.66e-007	-4.78e-009
	653	-1.14e-009	9.47e-009	2.70e-010	9.93e-008	3.47e-008	-8.03e-008
	654	-1.14e-009	6.88e-009	-1.89e-009	4.14e-008	-7.66e-008	-5.68e-008
324	647	1.10e-009	-6.70e-009	1.11e-010	-9.62e-008	8.36e-008	-2.16e-008
	650	1.10e-009	-4.49e-009	-1.12e-009	-2.99e-008	7.39e-008	-7.49e-008
	104	2.25e-010	-4.49e-009	-4.31e-010	-1.44e-007	2.31e-009	-6.12e-008
	100	2.25e-010	-6.70e-009	7.99e-010	-1.60e-007	-2.37e-008	-7.89e-009
325	645	-3.41e-009	-9.77e-009	-1.28e-011	8.16e-009	5.38e-007	3.64e-010
	649	-3.41e-009	-7.18e-009	-2.10e-009	-1.76e-007	3.30e-007	2.03e-008
	650	1.10e-009	-7.18e-009	-2.09e-009	-3.59e-008	1.20e-007	-4.08e-008
	647	1.10e-009	-9.77e-009	-8.57e-012	-7.27e-008	-6.35e-009	-6.07e-008
326	646	1.09e-009	-8.10e-009	7.65e-010	-2.70e-007	-5.34e-008	1.21e-010
	647	1.09e-009	-6.70e-009	1.14e-009	-1.02e-007	6.01e-008	-2.57e-008
	100	5.04e-010	-6.70e-009	8.42e-010	-2.26e-007	-1.95e-008	-4.77e-009
	88	5.04e-010	-8.10e-009	4.64e-010	-2.32e-007	6.90e-008	2.11e-008
327	648	-2.49e-009	-5.27e-009	1.65e-009	-1.75e-007	2.69e-007	-8.76e-008
	645	-2.49e-009	-9.77e-009	1.02e-009	-1.50e-008	5.43e-007	-1.32e-007
	647	1.09e-009	-9.77e-009	1.02e-009	-1.16e-007	-2.24e-008	-4.98e-008

	646	1.09e-009	-5.27e-009	1.65e-009	-2.07e-007	1.42e-007	-5.75e-009
328	51	-4.99e-010	5.91e-010	-3.38e-009	-1.62e-006	1.20e-007	9.25e-007
	159	-4.99e-010	6.57e-010	-1.85e-009	-2.12e-006	4.15e-008	4.12e-007
	142	5.14e-009	6.57e-010	-1.05e-009	-3.21e-006	-6.04e-007	4.93e-007
	53	5.14e-009	5.91e-010	-2.58e-009	-2.25e-006	-7.79e-007	1.01e-006
329	43	-2.62e-010	2.06e-011	-3.04e-009	-9.03e-007	1.79e-007	6.62e-007
	154	-2.62e-010	4.54e-009	-9.15e-010	-1.03e-006	8.55e-008	3.37e-007
	159	-4.99e-010	4.54e-009	-1.11e-009	-1.56e-006	2.62e-007	4.92e-007
	51	-4.99e-010	2.06e-011	-3.23e-009	-1.46e-006	-1.46e-008	8.16e-007
330	128	4.26e-011	-1.42e-009	-2.94e-009	-3.58e-007	1.34e-007	4.77e-007
	363	4.26e-011	5.64e-009	-1.25e-009	-5.39e-007	5.52e-009	3.09e-007
	154	-2.62e-010	5.64e-009	-1.10e-009	-7.54e-007	3.02e-007	3.75e-007
	43	-2.62e-010	-1.42e-009	-2.79e-009	-7.06e-007	9.44e-008	5.43e-007
331	50	4.12e-011	-9.41e-009	-1.99e-010	-3.15e-007	-3.41e-007	1.02e-006
	43	4.12e-011	2.06e-011	-3.07e-009	-7.40e-007	2.30e-007	6.87e-007
	51	-9.91e-010	2.06e-011	-1.41e-009	-1.45e-006	-2.08e-007	1.13e-006
	52	-9.91e-010	-9.41e-009	1.46e-009	-2.62e-007	-5.15e-007	1.46e-006
332	362	9.07e-011	-1.25e-008	3.63e-010	-1.44e-007	-7.95e-008	6.36e-007
	128	9.07e-011	-1.42e-009	-2.12e-009	-3.40e-007	1.66e-007	4.75e-007
	43	4.12e-011	-1.42e-009	-2.83e-009	-6.70e-007	-9.46e-009	7.05e-007
	50	4.12e-011	-1.25e-008	-3.45e-010	-1.36e-007	-2.24e-007	8.66e-007
333	36	5.86e-010	4.88e-010	3.83e-009	1.02e-007	1.62e-006	3.77e-007
	41	5.86e-010	-8.15e-009	-2.31e-009	-1.38e-009	3.08e-007	1.34e-006
	42	4.13e-010	-8.15e-009	-2.62e-010	6.76e-007	7.23e-007	1.89e-006
	37	4.13e-010	4.88e-010	5.88e-009	1.36e-006	-1.67e-006	9.19e-007
334	604	1.97e-011	-1.41e-008	4.38e-009	8.28e-007	-1.22e-006	1.47e-006
	357	1.97e-011	-3.87e-009	-3.64e-009	-2.88e-007	6.15e-008	1.10e-006
	41	5.86e-010	-3.87e-009	-3.92e-009	-3.54e-007	6.90e-007	1.09e-006
	36	5.86e-010	-1.41e-008	4.10e-009	1.59e-007	1.98e-006	1.46e-006
335	35	1.71e-009	2.93e-009	-2.52e-010	2.61e-006	-5.54e-008	1.03e-006
	37	1.71e-009	8.23e-010	2.67e-009	8.34e-007	5.02e-007	1.27e-006
	40	-5.74e-010	8.23e-010	3.37e-009	1.98e-006	1.13e-006	1.11e-006
	131	-5.74e-010	2.93e-009	4.51e-010	2.25e-006	1.87e-006	8.72e-007
336	34	-1.60e-009	1.68e-008	6.13e-009	-3.08e-007	-6.31e-006	-2.44e-006
	36	-1.60e-009	4.88e-010	9.16e-009	3.66e-006	1.07e-006	-2.41e-006
	37	1.71e-009	4.88e-010	4.22e-009	1.88e-006	-2.53e-006	1.02e-006
	35	1.71e-009	1.68e-008	1.19e-009	1.59e-006	7.69e-007	9.85e-007
337	356	-1.38e-009	-8.81e-009	1.74e-008	-8.44e-006	-2.53e-005	-2.77e-006
	604	-1.38e-009	-1.41e-008	1.69e-008	8.87e-006	-4.00e-006	-1.41e-006
	36	-1.60e-009	-1.41e-008	9.43e-009	-4.91e-006	4.58e-006	-7.95e-007
	34	-1.60e-009	-8.81e-009	9.99e-009	9.93e-006	2.51e-005	-2.16e-006
338	31	-2.25e-009	2.80e-009	5.12e-009	1.52e-006	3.69e-007	6.62e-007
	35	-2.25e-009	2.93e-009	1.27e-008	1.34e-006	-2.16e-007	1.06e-006
	131	-2.98e-009	2.93e-009	-4.62e-009	2.81e-006	6.29e-007	9.42e-007
	33	-2.98e-009	2.80e-009	-1.22e-008	1.05e-006	2.42e-007	5.40e-007
339	29	2.92e-008	2.43e-010	-3.71e-008	1.15e-006	5.30e-007	7.55e-007
	34	2.92e-008	1.68e-008	-2.83e-008	2.84e-006	1.15e-006	3.14e-007
	35	-2.25e-009	1.68e-008	2.01e-008	1.53e-006	5.31e-008	5.02e-007
	31	-2.25e-009	2.43e-010	1.12e-008	1.37e-006	3.71e-007	9.43e-007
340	579	-9.65e-009	1.41e-008	-1.11e-008	6.76e-007	-1.31e-006	-1.86e-007
	356	-9.65e-009	-8.81e-009	2.08e-007	1.60e-006	1.21e-006	4.97e-007
	34	2.92e-008	-8.81e-009	2.52e-008	2.58e-006	-1.68e-006	9.60e-007
	29	2.92e-008	1.41e-008	-1.94e-007	1.39e-006	9.62e-008	2.77e-007
341	30	-5.96e-008	1.39e-010	-4.72e-008	3.87e-007	1.90e-007	9.79e-007
	29	-5.96e-008	2.43e-010	-5.30e-008	6.31e-007	2.38e-007	9.57e-007
	31	3.22e-009	2.43e-010	1.72e-008	9.53e-007	5.11e-007	8.00e-007
	32	3.22e-009	1.39e-010	2.30e-008	9.95e-009	8.13e-007	8.22e-007
342	364	6.75e-008	2.26e-008	2.61e-007	1.21e-006	-3.56e-006	4.32e-007
	579	6.75e-008	1.41e-008	-3.61e-008	1.75e-006	-1.52e-006	-2.87e-007
	29	-5.96e-008	1.41e-008	-2.10e-007	9.69e-007	-3.37e-007	5.40e-007

	30	-5.96e-008	2.26e-008	8.70e-008	2.11e-007	3.56e-007	1.26e-006
343	23	5.89e-008	-1.48e-009	-4.77e-008	-5.26e-008	-1.17e-007	1.76e-007
	26	5.89e-008	-4.09e-009	-5.08e-008	-2.38e-007	6.91e-009	1.58e-007
	27	-5.00e-009	-4.09e-009	2.03e-008	6.55e-008	-4.93e-007	2.34e-007
	24	-5.00e-009	-1.48e-009	2.34e-008	-3.99e-007	-4.93e-007	2.52e-007
344	516	-6.72e-008	-1.63e-008	-2.92e-008	-8.69e-007	1.66e-006	-9.23e-007
	365	-6.72e-008	-3.17e-008	2.57e-007	-3.63e-008	3.01e-006	-6.46e-007
	26	5.89e-008	-3.17e-008	8.34e-008	5.80e-008	-1.97e-007	1.14e-007
	23	5.89e-008	-1.63e-008	-2.03e-007	-2.79e-007	-8.01e-008	-1.63e-007
345	22	4.62e-009	-2.65e-009	1.21e-008	-3.06e-007	-1.45e-007	1.84e-008
	24	4.62e-009	-3.20e-009	7.69e-009	-6.82e-007	-2.27e-007	1.26e-008
	25	-1.75e-010	-3.20e-009	-9.46e-009	-3.28e-007	-1.35e-007	7.67e-008
	138	-1.75e-010	-2.65e-009	-5.09e-009	-6.74e-007	-3.21e-007	8.25e-008
346	21	-2.54e-008	-1.52e-008	-3.31e-008	-2.23e-006	-2.03e-006	-5.84e-007
	23	-2.54e-008	-1.48e-009	-2.93e-008	-3.09e-007	-5.35e-007	-9.32e-008
	24	4.62e-009	-1.48e-009	1.74e-008	-8.29e-007	-3.00e-007	1.98e-007
	22	4.62e-009	-1.52e-008	1.37e-008	-4.95e-007	7.25e-007	-2.93e-007
347	361	4.94e-009	1.04e-008	1.95e-007	-9.41e-007	-2.92e-006	-1.83e-007
	516	4.94e-009	-1.63e-008	-9.29e-010	6.41e-007	1.32e-006	-1.10e-006
	23	-2.54e-008	-1.63e-008	-1.85e-007	-9.80e-007	-3.66e-007	-6.23e-007
	21	-2.54e-008	1.04e-008	1.11e-008	-1.59e-006	3.10e-006	2.98e-007
348	18	-2.57e-009	7.72e-011	3.59e-009	9.28e-009	-1.34e-007	2.80e-007
	22	-2.57e-009	-2.65e-009	7.51e-010	-3.55e-007	-4.99e-007	3.21e-007
	138	-7.22e-010	-2.65e-009	2.22e-009	-5.15e-007	-1.22e-006	-1.20e-007
	20	-7.22e-010	7.72e-011	5.06e-009	2.34e-007	-4.67e-007	-1.61e-007
349	15	-4.32e-010	5.26e-009	5.79e-009	7.92e-007	2.70e-007	-1.29e-006
	21	-4.32e-010	-1.52e-008	7.46e-009	-5.57e-007	3.36e-006	-1.53e-006
	22	-2.57e-009	-1.52e-008	3.87e-009	4.02e-007	1.61e-006	2.14e-007
	18	-2.57e-009	5.26e-009	2.20e-009	-5.47e-007	2.69e-007	4.55e-007
350	491	1.18e-009	1.19e-008	5.28e-009	-1.00e-006	4.10e-007	-1.76e-006
	361	1.18e-009	1.04e-008	1.71e-008	-4.97e-007	1.74e-005	1.10e-008
	21	-4.32e-010	1.04e-008	1.36e-008	-1.85e-006	-1.67e-005	1.14e-007
	15	-4.32e-010	1.19e-008	1.72e-009	3.14e-006	3.57e-008	-1.65e-006
351	19	-1.21e-009	5.18e-009	-3.86e-010	-5.07e-008	-1.23e-007	-5.65e-008
	18	-1.21e-009	7.72e-011	2.70e-009	-2.10e-007	-4.69e-008	4.82e-008
	20	-6.56e-009	7.72e-011	5.06e-009	-6.20e-008	-2.67e-007	1.45e-009
	137	-6.56e-009	5.18e-009	1.97e-009	-3.36e-008	-7.26e-008	-1.03e-007
352	16	-3.05e-009	3.85e-009	-2.50e-009	8.70e-008	4.41e-008	4.48e-008
	15	-3.05e-009	5.26e-009	5.36e-010	-3.42e-007	-5.80e-007	1.13e-008
	18	-1.21e-009	5.26e-009	1.30e-009	-2.31e-007	2.84e-007	-4.70e-008
	19	-1.21e-009	3.85e-009	-1.74e-009	-7.65e-008	-1.92e-007	-1.35e-008
353	360	1.31e-009	-2.91e-009	3.45e-011	4.19e-008	1.15e-006	3.00e-007
	491	1.31e-009	1.19e-008	-3.61e-009	-2.64e-007	1.85e-007	2.92e-007
	15	-3.05e-009	1.19e-008	-3.54e-009	-3.18e-007	4.77e-007	5.70e-008
	16	-3.05e-009	-2.91e-009	1.05e-010	8.39e-008	1.06e-007	6.45e-008
354	9	1.73e-010	1.11e-010	-1.79e-009	1.77e-007	1.37e-007	-8.45e-008
	13	1.73e-010	4.98e-009	-2.94e-010	6.69e-009	1.81e-007	-8.43e-008
	135	-7.59e-009	4.98e-009	-1.36e-009	-2.42e-008	8.59e-008	-1.35e-007
	10	-7.59e-009	1.11e-010	-2.87e-009	2.08e-007	2.59e-007	-1.36e-007
355	8	-9.60e-010	-4.17e-011	-2.30e-009	1.32e-007	-1.11e-008	-1.42e-007
	12	-9.60e-010	4.39e-009	6.79e-010	2.91e-008	3.57e-008	-1.34e-007
	13	1.73e-010	4.39e-009	9.86e-010	3.92e-008	1.21e-007	-8.11e-008
	9	1.73e-010	-4.17e-011	-1.99e-009	1.35e-007	3.33e-008	-8.94e-008
356	454	-5.52e-011	1.48e-009	-3.02e-009	7.26e-008	-1.02e-007	-2.18e-007
	359	-5.52e-011	6.41e-009	-7.52e-010	2.91e-008	-5.89e-008	-1.94e-007
	12	-9.60e-010	6.41e-009	-1.95e-010	2.16e-008	3.41e-009	-1.47e-007
	8	-9.60e-010	1.48e-009	-2.47e-009	1.17e-007	-7.33e-008	-1.71e-007
357	7	-5.61e-010	1.84e-010	-2.02e-009	4.58e-007	-6.65e-008	-2.24e-007
	9	-5.61e-010	1.11e-010	-3.30e-009	3.13e-007	1.40e-007	-1.31e-007
	10	-3.77e-009	1.11e-010	-3.14e-010	5.16e-008	2.95e-007	-7.79e-008

	134	-3.77e-009	1.84e-010	9.68e-010	8.66e-007	3.66e-007	-1.71e-007
358	6	1.64e-011	-2.16e-009	-1.45e-009	1.93e-007	-4.26e-008	-3.19e-007
	8	1.64e-011	-4.17e-011	-2.87e-009	2.32e-007	-9.97e-008	-1.74e-007
	9	-5.61e-010	-4.17e-011	-3.50e-009	3.10e-007	6.26e-008	-1.01e-007
	7	-5.61e-010	-2.16e-009	-2.09e-009	3.44e-007	-1.81e-007	-2.46e-007
359	358	2.34e-010	-3.91e-009	-2.04e-009	8.28e-008	6.22e-009	-3.11e-007
	454	2.34e-010	1.48e-009	-3.48e-009	1.09e-007	-1.36e-007	-2.16e-007
	8	1.64e-011	1.48e-009	-3.03e-009	1.91e-007	-6.56e-008	-2.09e-007
	6	1.64e-011	-3.91e-009	-1.59e-009	1.50e-007	-2.25e-007	-3.04e-007
360	2	1.54e-009	-8.95e-010	-6.41e-010	3.16e-007	2.12e-007	-5.31e-007
	7	1.54e-009	1.84e-010	-6.24e-010	5.10e-007	8.47e-008	-3.41e-007
	134	-2.21e-009	1.84e-010	5.26e-010	9.71e-007	4.90e-007	-2.96e-007
	5	-2.21e-009	-8.95e-010	5.09e-010	3.23e-007	2.90e-007	-4.86e-007
361	167	2.30e-010	-4.04e-010	-1.54e-009	2.22e-007	-9.19e-008	-4.29e-007
	6	2.30e-010	-2.16e-009	-1.17e-009	1.48e-007	-2.56e-007	-3.19e-007
	7	1.54e-009	-2.16e-009	-1.32e-009	3.52e-007	1.30e-007	-4.02e-007
	2	1.54e-009	-4.04e-010	-1.70e-009	2.90e-007	9.93e-008	-5.12e-007
362	429	-5.92e-010	-7.63e-010	-1.93e-009	9.75e-008	-1.48e-007	-3.74e-007
	358	-5.92e-010	-3.91e-009	-1.49e-009	4.65e-008	-3.36e-007	-3.28e-007
	6	2.30e-010	-3.91e-009	-1.18e-009	1.70e-007	9.17e-008	-3.42e-007
	167	2.30e-010	-7.63e-010	-1.62e-009	8.74e-008	-7.43e-008	-3.88e-007
363	168	-8.01e-012	3.46e-009	9.47e-010	4.72e-008	4.16e-008	-5.12e-007
	167	-8.01e-012	-4.04e-010	-2.57e-010	1.37e-007	-3.36e-008	-4.82e-007
	2	1.29e-009	-4.04e-010	-3.05e-009	2.14e-007	9.61e-008	-5.74e-007
	3	1.29e-009	3.46e-009	-1.84e-009	3.30e-008	1.95e-007	-6.04e-007
364	367	3.97e-010	2.15e-009	-4.49e-010	1.33e-008	-1.14e-007	-4.42e-007
	429	3.97e-010	-7.63e-010	-1.80e-009	5.65e-008	-1.27e-007	-4.10e-007
	167	-8.01e-012	-7.63e-010	-3.39e-010	1.19e-007	-7.88e-008	-4.61e-007
	168	-8.01e-012	2.15e-009	1.02e-009	1.71e-008	3.21e-009	-4.92e-007
365	151	-1.12e-011	1.37e-009	-1.89e-010	-7.16e-007	2.69e-007	-2.67e-007
	163	-1.12e-011	-5.00e-009	8.04e-010	-2.67e-007	-1.74e-007	-5.57e-007
	164	-1.08e-009	-5.00e-009	-2.23e-009	-2.34e-007	-4.59e-007	-9.80e-007
	155	-1.08e-009	1.37e-009	-3.23e-009	-1.36e-006	-1.01e-007	-6.90e-007
366	392	-5.25e-010	1.43e-009	-1.90e-009	-3.53e-007	4.02e-007	-3.04e-008
	366	-5.25e-010	-3.00e-009	-5.59e-010	-1.18e-007	2.01e-007	-1.62e-007
	163	-1.12e-011	-3.00e-009	9.95e-010	-1.17e-007	-5.20e-008	-4.11e-007
	151	-1.12e-011	1.43e-009	-3.51e-010	-6.34e-007	2.17e-007	-2.79e-007
367	159	-1.43e-009	6.57e-010	-4.78e-010	-2.05e-006	3.08e-007	1.60e-007
	155	-1.43e-009	1.54e-009	-2.79e-010	-1.59e-006	1.96e-007	-4.25e-007
	160	5.94e-009	1.54e-009	1.33e-010	-1.98e-006	-7.95e-007	-5.14e-007
	142	5.94e-009	6.57e-010	-6.67e-011	-3.10e-006	-7.61e-007	7.03e-008
368	154	-2.94e-010	4.54e-009	-1.11e-009	-9.78e-007	4.47e-007	2.53e-007
	151	-2.94e-010	1.37e-009	-1.38e-009	-9.32e-007	3.41e-007	-2.03e-007
	155	-1.43e-009	1.37e-009	-1.58e-009	-1.39e-006	-3.43e-008	-3.67e-007
	159	-1.43e-009	4.54e-009	-1.31e-009	-1.65e-006	1.26e-007	8.88e-008
369	363	6.54e-010	5.64e-009	-1.61e-009	-4.70e-007	5.40e-007	2.36e-007
	392	6.54e-010	1.43e-009	-2.02e-009	-4.47e-007	4.58e-007	-1.04e-008
	151	-2.94e-010	1.43e-009	-1.54e-009	-6.96e-007	2.39e-007	-7.25e-008
	154	-2.94e-010	5.64e-009	-1.13e-009	-8.29e-007	2.58e-007	1.74e-007
373	126	-8.20e-010	-1.73e-009	-2.65e-009	-8.84e-008	1.24e-007	3.73e-007
	391	-8.20e-010	7.10e-009	-6.54e-010	-2.20e-007	-1.32e-008	3.08e-007
	363	4.26e-011	7.10e-009	-1.21e-009	-2.82e-007	3.15e-007	3.37e-007
	128	4.26e-011	-1.73e-009	-3.20e-009	-3.05e-007	1.50e-007	4.03e-007
374	123	-1.22e-009	-1.99e-009	-5.45e-010	-2.81e-008	2.02e-007	3.03e-007
	389	-1.22e-009	8.19e-009	8.87e-010	-6.57e-009	1.55e-007	2.84e-007
	391	-8.20e-010	8.19e-009	-3.71e-010	1.37e-009	3.32e-007	3.29e-007
	126	-8.20e-010	-1.99e-009	-1.80e-009	-1.15e-007	2.42e-007	3.48e-007
375	119	-2.83e-011	-3.04e-009	4.87e-010	-1.57e-008	1.23e-007	2.76e-007
	387	-2.83e-011	6.13e-009	7.72e-011	4.09e-008	1.52e-007	2.75e-007
	389	-1.22e-009	6.13e-009	8.07e-010	1.64e-008	1.56e-007	2.91e-007

	123	-1.22e-009	-3.04e-009	1.22e-009	7.93e-009	1.70e-007	2.92e-007
376	115	9.13e-010	-3.57e-009	1.13e-009	3.27e-008	-1.26e-008	2.92e-007
	385	9.13e-010	3.20e-009	4.90e-010	3.99e-008	7.25e-009	2.85e-007
	387	-2.83e-011	3.20e-009	-1.65e-011	-4.90e-011	5.24e-009	2.72e-007
	119	-2.83e-011	-3.57e-009	6.25e-010	4.62e-008	3.77e-008	2.78e-007
377	111	-5.56e-011	-4.42e-009	-8.49e-010	1.03e-007	-8.62e-008	3.11e-007
	383	-5.56e-011	1.32e-009	4.46e-011	4.79e-008	-1.27e-007	3.03e-007
	385	9.13e-010	1.32e-009	6.01e-010	5.83e-008	-2.92e-008	2.83e-007
	115	9.13e-010	-4.42e-009	-2.92e-010	5.69e-008	-5.23e-008	2.92e-007
378	106	-1.01e-009	-4.48e-009	-3.07e-010	6.41e-008	-7.03e-008	2.82e-007
	381	-1.01e-009	8.34e-010	6.25e-010	1.06e-007	-9.30e-008	2.87e-007
	383	-5.56e-011	8.34e-010	7.21e-011	1.39e-007	3.39e-008	3.07e-007
	111	-5.56e-011	-4.48e-009	-8.60e-010	5.27e-008	-7.47e-009	3.02e-007
379	102	-5.27e-012	-5.39e-009	6.30e-010	2.04e-008	-1.58e-007	2.72e-007
	379	-5.27e-012	-1.25e-009	2.36e-011	8.08e-008	-1.32e-007	2.88e-007
	381	-1.01e-009	-1.25e-009	4.88e-010	9.40e-008	-1.11e-007	2.93e-007
	106	-1.01e-009	-5.39e-009	1.09e-009	7.44e-008	-8.95e-008	2.77e-007
380	98	8.92e-010	-6.09e-009	1.06e-009	1.99e-008	-2.92e-007	2.96e-007
	377	8.92e-010	-4.20e-009	4.30e-010	3.65e-008	-2.64e-007	3.03e-007
	379	-5.27e-012	-4.20e-009	-5.25e-013	2.29e-008	-2.76e-007	2.87e-007
	102	-5.27e-012	-6.09e-009	6.32e-010	5.93e-008	-2.34e-007	2.81e-007
381	61	-1.40e-011	-7.01e-009	-8.53e-010	5.51e-008	-3.79e-007	3.20e-007
	375	-1.40e-011	-6.29e-009	-2.03e-011	1.76e-008	-4.01e-007	3.19e-007
	377	8.92e-010	-6.29e-009	5.37e-010	2.75e-008	-3.28e-007	3.00e-007
	98	8.92e-010	-7.01e-009	-2.96e-010	3.99e-008	-3.32e-007	3.01e-007
382	621	-9.23e-010	-7.22e-009	-3.55e-010	2.23e-008	-3.86e-007	3.04e-007
	373	-9.23e-010	-7.13e-009	5.12e-010	5.73e-008	-3.93e-007	3.08e-007
	375	-1.40e-011	-7.13e-009	-1.10e-011	7.76e-008	-3.06e-007	3.22e-007
	61	-1.40e-011	-7.22e-009	-8.78e-010	1.99e-008	-3.27e-007	3.18e-007
383	619	8.35e-012	-8.20e-009	5.14e-010	-1.79e-008	-4.92e-007	2.90e-007
	371	8.35e-012	-9.22e-009	-3.97e-011	2.39e-008	-4.57e-007	3.06e-007
	373	-9.23e-010	-9.22e-009	3.96e-010	3.93e-008	-4.43e-007	3.14e-007
	621	-9.23e-010	-8.20e-009	9.49e-010	3.48e-008	-4.16e-007	2.98e-007
384	617	6.36e-010	-8.99e-009	9.45e-010	-3.40e-008	-6.63e-007	3.00e-007
	369	6.36e-010	-1.23e-008	3.21e-010	-5.70e-008	-6.59e-007	3.17e-007
	371	8.35e-012	-1.23e-008	-6.82e-011	-3.01e-008	-5.80e-007	3.04e-007
	619	8.35e-012	-8.99e-009	5.55e-010	1.37e-008	-5.63e-007	2.86e-007
385	355	-1.37e-010	-9.31e-009	-1.22e-010	-2.39e-009	-6.77e-007	3.54e-007
	289	-1.37e-010	-1.39e-008	5.62e-010	-1.10e-007	-7.30e-007	3.57e-007
	369	6.36e-010	-1.39e-008	5.92e-010	-7.41e-008	-6.72e-007	3.20e-007
	617	6.36e-010	-9.31e-009	-9.11e-011	-2.45e-008	-6.90e-007	3.17e-007
386	127	-2.83e-009	-1.56e-008	-3.09e-010	-5.12e-009	1.03e-007	4.53e-007
	126	-2.83e-009	-1.73e-009	-3.10e-009	-1.18e-007	1.54e-007	3.63e-007
	128	9.07e-011	-1.73e-009	-2.38e-009	-2.86e-007	8.80e-008	4.73e-007
	362	9.07e-011	-1.56e-008	4.05e-010	-6.39e-008	-3.56e-008	5.63e-007
387	124	8.47e-010	-2.20e-008	4.06e-009	-1.24e-008	1.91e-007	3.17e-007
	123	8.47e-010	-1.99e-009	-3.67e-010	-1.71e-008	2.02e-007	3.04e-007
	126	-2.83e-009	-1.99e-009	-2.25e-009	-8.54e-008	2.07e-007	3.71e-007
	127	-2.83e-009	-2.20e-008	2.17e-009	2.32e-008	1.11e-007	3.85e-007
388	120	2.71e-011	-1.79e-008	-2.67e-010	-7.45e-009	1.07e-007	2.97e-007
	119	2.71e-011	-3.04e-009	5.06e-010	1.72e-008	1.22e-007	2.86e-007
	123	8.47e-010	-3.04e-009	1.40e-009	-2.75e-008	1.61e-007	2.99e-007
	124	8.47e-010	-1.79e-008	6.22e-010	9.81e-009	1.55e-007	3.10e-007
389	116	-4.92e-010	-1.53e-008	5.24e-010	8.98e-009	-2.09e-009	3.16e-007
	115	-4.92e-010	-3.57e-009	1.51e-009	3.87e-008	-6.50e-009	3.04e-007
	119	2.71e-011	-3.57e-009	6.44e-010	5.10e-009	4.10e-008	2.87e-007
	120	2.71e-011	-1.53e-008	-3.39e-010	1.05e-008	6.23e-008	3.00e-007
390	112	-1.63e-010	-1.11e-008	1.32e-009	1.08e-007	-1.17e-007	3.39e-007
	111	-1.63e-010	-4.42e-009	-1.63e-009	6.85e-008	-7.34e-008	2.96e-007
	115	-4.92e-010	-4.42e-009	8.33e-011	5.07e-008	-6.03e-008	3.01e-007

	116	-4.92e-010	-1.11e-008	3.03e-009	1.83e-008	-2.44e-008	3.44e-007
391	107	4.92e-010	-1.64e-008	3.18e-009	1.96e-008	-4.18e-008	2.42e-007
	106	4.92e-010	-4.48e-009	8.74e-011	6.33e-008	-8.08e-008	2.79e-007
	111	-1.63e-010	-4.48e-009	-1.64e-009	8.49e-008	-1.68e-008	3.06e-007
	112	-1.63e-010	-1.64e-008	1.46e-009	9.07e-008	-9.85e-008	2.69e-007
392	103	-3.88e-012	-1.21e-008	-3.12e-010	4.81e-009	-1.56e-007	2.75e-007
	102	-3.88e-012	-5.39e-009	6.22e-010	4.16e-008	-1.60e-007	2.79e-007
	106	4.92e-010	-5.39e-009	1.49e-009	4.17e-008	-8.99e-008	2.68e-007
	107	4.92e-010	-1.21e-008	5.55e-010	1.56e-008	-7.68e-008	2.64e-007
393	99	-4.71e-010	-9.47e-009	5.27e-010	7.50e-009	-2.84e-007	3.04e-007
	98	-4.71e-010	-6.09e-009	1.45e-009	3.16e-008	-2.90e-007	3.03e-007
	102	-3.88e-012	-6.09e-009	6.24e-010	2.76e-008	-2.26e-007	2.82e-007
	103	-3.88e-012	-9.47e-009	-3.00e-010	8.20e-009	-1.98e-007	2.83e-007
394	62	-3.53e-011	-5.30e-009	1.33e-009	5.02e-008	-3.79e-007	3.29e-007
	61	-3.53e-011	-7.01e-009	-1.54e-009	3.04e-008	-3.70e-007	3.13e-007
	98	-4.71e-010	-7.01e-009	9.27e-011	3.25e-008	-3.31e-007	3.04e-007
	99	-4.71e-010	-5.30e-009	2.96e-009	7.56e-009	-3.10e-007	3.21e-007
395	622	4.51e-010	-1.03e-008	2.96e-009	9.42e-009	-3.81e-007	2.86e-007
	621	4.51e-010	-7.22e-009	3.61e-011	2.41e-008	-3.93e-007	3.02e-007
	61	-3.53e-011	-7.22e-009	-1.56e-009	4.20e-008	-3.32e-007	3.18e-007
	62	-3.53e-011	-1.03e-008	1.36e-009	3.29e-008	-3.69e-007	3.01e-007
396	620	2.93e-012	-6.18e-009	-2.35e-010	-2.04e-009	-5.08e-007	2.87e-007
	619	2.93e-012	-8.20e-009	5.81e-010	7.38e-009	-4.97e-007	2.92e-007
	621	4.51e-010	-8.20e-009	1.34e-009	1.18e-008	-4.16e-007	2.96e-007
	622	4.51e-010	-6.18e-009	5.25e-010	3.86e-009	-4.12e-007	2.92e-007
397	618	-3.66e-010	-3.69e-009	4.28e-010	-3.25e-009	-6.39e-007	3.01e-007
	617	-3.66e-010	-8.99e-009	1.28e-009	1.15e-009	-6.54e-007	2.99e-007
	619	2.93e-012	-8.99e-009	6.22e-010	-7.76e-009	-5.64e-007	2.87e-007
	620	2.93e-012	-3.69e-009	-2.31e-010	1.40e-009	-5.60e-007	2.89e-007
398	288	-5.03e-010	-6.34e-010	6.37e-010	2.61e-009	-6.09e-007	3.42e-007
	355	-5.03e-010	-9.31e-009	-1.16e-009	-2.30e-008	-6.59e-007	3.48e-007
	617	-3.66e-010	-9.31e-009	2.45e-010	-9.82e-009	-6.81e-007	3.13e-007
	618	-3.66e-010	-6.34e-010	2.04e-009	3.37e-009	-6.76e-007	3.08e-007
399	603	-3.37e-009	-3.42e-008	4.44e-009	-1.32e-009	-7.94e-006	3.47e-007
	616	-3.37e-009	6.54e-010	1.05e-009	1.51e-006	-3.04e-006	-7.46e-008
	357	1.97e-011	6.54e-010	2.22e-010	-3.91e-007	-2.76e-006	1.11e-006
	604	1.97e-011	-3.42e-008	3.62e-009	8.43e-007	2.50e-007	1.53e-006
400	602	5.66e-010	-3.94e-008	4.08e-009	9.50e-008	1.39e-006	-3.87e-007
	615	5.66e-010	-5.33e-010	9.80e-010	-3.87e-007	-2.62e-007	2.40e-007
	616	-3.37e-009	-5.33e-010	4.56e-010	-4.45e-008	-1.27e-006	-3.59e-007
	603	-3.37e-009	-3.94e-008	3.56e-009	1.33e-006	-1.97e-006	-9.86e-007
401	601	4.02e-010	-3.25e-008	2.46e-009	-8.77e-008	-6.22e-007	2.71e-007
	614	4.02e-010	-1.31e-008	1.15e-010	-6.22e-008	-8.95e-007	1.70e-007
	615	5.66e-010	-1.31e-008	1.31e-009	2.79e-007	-9.00e-007	2.47e-007
	602	5.66e-010	-3.25e-008	3.65e-009	-6.83e-007	-1.30e-006	3.48e-007
402	600	5.81e-010	-2.95e-008	2.35e-009	-4.23e-008	-2.02e-007	2.58e-007
	613	5.81e-010	-2.01e-008	4.81e-010	-4.69e-008	-2.76e-007	2.64e-007
	614	4.02e-010	-2.01e-008	-1.38e-010	-9.74e-008	-4.13e-007	1.95e-007
	601	4.02e-010	-2.95e-008	1.73e-009	2.52e-008	-3.76e-007	1.88e-007
403	599	-2.23e-011	-2.89e-008	-1.02e-009	-8.03e-008	-3.96e-007	2.67e-007
	612	-2.23e-011	-2.58e-008	1.41e-009	-8.59e-008	-3.16e-007	2.94e-007
	613	5.81e-010	-2.58e-008	3.17e-009	-4.03e-009	-3.72e-007	3.12e-007
	600	5.81e-010	-2.89e-008	7.35e-010	-9.35e-008	-3.20e-007	2.85e-007
404	598	-3.81e-010	-2.90e-008	2.96e-010	-7.42e-008	-3.49e-007	2.54e-007
	611	-3.81e-010	-2.11e-008	2.93e-009	-1.76e-008	-3.86e-007	2.24e-007
	612	-2.23e-011	-2.11e-008	1.35e-009	-9.86e-008	-3.04e-007	2.31e-007
	599	-2.23e-011	-2.90e-008	-1.29e-009	-6.92e-008	-3.52e-007	2.61e-007
405	597	5.92e-011	-2.86e-008	6.18e-010	-5.04e-008	-3.67e-007	2.77e-007
	610	5.92e-011	-2.52e-008	-4.34e-010	-6.67e-009	-3.77e-007	2.70e-007
	611	-3.81e-010	-2.52e-008	4.65e-010	-1.55e-008	-3.88e-007	2.48e-007

	598	-3.81e-010	-2.86e-008	1.52e-009	-5.95e-008	-3.63e-007	2.55e-007
406	596	4.87e-010	-2.85e-008	1.30e-009	-3.53e-008	-3.31e-007	3.04e-007
	609	4.87e-010	-2.72e-008	4.29e-010	-9.89e-009	-3.43e-007	3.01e-007
	610	5.92e-011	-2.72e-008	-3.78e-010	-6.60e-009	-3.70e-007	2.79e-007
	597	5.92e-011	-2.85e-008	4.97e-010	-4.42e-008	-3.47e-007	2.81e-007
407	595	8.61e-012	-2.80e-008	-1.72e-009	-3.68e-008	-3.19e-007	3.09e-007
	608	8.61e-012	-3.07e-008	1.29e-009	-3.68e-008	-3.03e-007	3.20e-007
	609	4.87e-010	-3.07e-008	2.91e-009	-7.89e-009	-3.42e-007	3.15e-007
	596	4.87e-010	-2.80e-008	-1.00e-010	-3.90e-008	-3.18e-007	3.04e-007
408	594	-4.24e-010	-2.82e-008	-2.20e-010	-2.36e-008	-3.14e-007	3.10e-007
	607	-4.24e-010	-2.50e-008	2.86e-009	-7.94e-009	-3.27e-007	2.95e-007
	608	8.61e-012	-2.50e-008	1.30e-009	-3.21e-008	-3.07e-007	2.98e-007
	595	8.61e-012	-2.82e-008	-1.78e-009	-3.82e-008	-3.25e-007	3.14e-007
409	593	1.63e-012	-2.77e-008	2.55e-010	6.19e-010	-3.03e-007	3.11e-007
	606	1.63e-012	-2.82e-008	-3.59e-010	-2.40e-009	-3.01e-007	3.04e-007
	607	-4.24e-010	-2.82e-008	4.38e-010	-2.83e-009	-3.23e-007	3.02e-007
	594	-4.24e-010	-2.77e-008	1.05e-009	-1.65e-008	-3.18e-007	3.09e-007
410	592	3.80e-010	-2.76e-008	9.95e-010	2.21e-008	-2.80e-007	3.04e-007
	605	3.80e-010	-2.96e-008	3.89e-010	2.03e-009	-2.71e-007	2.98e-007
	606	1.63e-012	-2.96e-008	-3.37e-010	2.94e-009	-2.96e-007	3.03e-007
	593	1.63e-012	-2.76e-008	2.69e-010	4.56e-009	-2.96e-007	3.10e-007
411	348	-2.56e-010	-2.72e-008	-1.40e-009	3.90e-008	-2.68e-007	2.95e-007
	283	-2.56e-010	-3.23e-008	1.10e-009	2.11e-008	-2.69e-007	2.85e-007
	605	3.80e-010	-3.23e-008	2.42e-009	7.24e-009	-2.68e-007	2.92e-007
	592	3.80e-010	-2.72e-008	-8.10e-011	2.70e-008	-2.80e-007	3.02e-007
412	591	9.36e-010	-7.42e-008	3.56e-009	-8.37e-006	-2.41e-005	-2.66e-006
	603	9.36e-010	-3.42e-008	3.43e-009	4.39e-006	-1.06e-005	-5.91e-007
	604	-1.38e-009	-3.42e-008	1.61e-008	-2.05e-006	2.55e-006	-1.33e-006
	356	-1.38e-009	-7.42e-008	1.62e-008	6.80e-006	1.68e-005	-3.40e-006
413	590	-3.34e-010	-6.41e-008	-2.95e-009	5.92e-007	6.74e-008	-8.20e-008
	602	-3.34e-010	-3.94e-008	7.72e-010	-6.04e-007	2.15e-006	-2.99e-007
	603	9.36e-010	-3.94e-008	2.55e-009	-4.03e-006	-1.51e-006	-2.97e-006
	591	9.36e-010	-6.41e-008	-1.18e-009	3.10e-006	3.09e-006	-2.75e-006
414	589	2.72e-010	-3.97e-008	1.69e-010	-1.84e-007	-1.18e-006	1.71e-007
	601	2.72e-010	-3.25e-008	2.96e-009	2.27e-007	-7.71e-007	2.06e-007
	602	-3.34e-010	-3.25e-008	3.42e-010	5.29e-007	-1.24e-006	1.77e-007
	590	-3.34e-010	-3.97e-008	-2.45e-009	-3.39e-007	-8.01e-007	1.42e-007
415	588	-9.62e-010	-3.55e-008	5.14e-010	3.78e-008	-2.64e-007	2.45e-007
	600	-9.62e-010	-2.95e-008	1.94e-009	-6.93e-008	-1.69e-007	2.47e-007
	601	2.72e-010	-2.95e-008	2.23e-009	-2.38e-007	-3.32e-007	1.23e-007
	589	2.72e-010	-3.55e-008	8.11e-010	2.14e-007	-1.19e-007	1.21e-007
416	587	4.81e-011	-3.23e-008	3.64e-010	-1.29e-007	-4.71e-007	2.34e-007
	599	4.81e-011	-2.89e-008	-1.24e-010	-4.41e-008	-4.17e-007	2.64e-007
	600	-9.62e-010	-2.89e-008	3.20e-010	-1.50e-008	-3.16e-007	2.81e-007
	588	-9.62e-010	-3.23e-008	8.08e-010	-3.39e-008	-2.79e-007	2.51e-007
417	586	1.00e-009	-3.19e-008	7.60e-010	-1.37e-007	-3.76e-007	2.49e-007
	598	1.00e-009	-2.90e-008	1.75e-011	-7.09e-008	-3.56e-007	2.54e-007
	599	4.81e-011	-2.90e-008	-3.90e-010	-1.11e-007	-3.46e-007	2.41e-007
	587	4.81e-011	-3.19e-008	3.53e-010	-7.44e-008	-3.14e-007	2.36e-007
418	585	4.45e-011	-3.07e-008	2.76e-010	-1.17e-007	-4.00e-007	2.79e-007
	597	4.45e-011	-2.86e-008	8.33e-010	-4.53e-008	-3.69e-007	2.73e-007
	598	1.00e-009	-2.86e-008	1.24e-009	-8.73e-008	-3.53e-007	2.58e-007
	586	1.00e-009	-3.07e-008	6.81e-010	-9.95e-008	-3.10e-007	2.64e-007
419	584	-8.72e-010	-2.93e-008	5.81e-010	-6.66e-008	-3.63e-007	3.03e-007
	596	-8.72e-010	-2.85e-008	1.03e-009	-3.58e-008	-3.32e-007	2.98e-007
	597	4.45e-011	-2.85e-008	7.12e-010	-6.61e-008	-3.37e-007	2.81e-007
	585	4.45e-011	-2.93e-008	2.67e-010	-5.90e-008	-2.89e-007	2.86e-007
420	583	1.95e-011	-2.83e-008	3.28e-011	-5.22e-008	-3.28e-007	3.10e-007
	595	1.95e-011	-2.80e-008	-1.00e-009	-3.88e-008	-3.18e-007	3.12e-007
	596	-8.72e-010	-2.80e-008	-3.79e-010	-4.54e-008	-3.15e-007	3.02e-007

	584	-8.72e-010	-2.83e-008	6.55e-010	-3.94e-008	-2.97e-007	3.01e-007
421	582	9.12e-010	-2.82e-008	5.84e-010	-5.40e-008	-3.28e-007	3.14e-007
	594	9.12e-010	-2.82e-008	-5.06e-010	-2.36e-008	-3.20e-007	3.12e-007
	595	1.95e-011	-2.82e-008	-1.06e-009	-3.81e-008	-3.22e-007	3.11e-007
	583	1.95e-011	-2.82e-008	2.67e-011	-4.71e-008	-3.13e-007	3.12e-007
422	581	-4.65e-012	-2.74e-008	1.53e-010	-1.62e-008	-3.35e-007	3.21e-007
	593	-4.65e-012	-2.77e-008	4.10e-010	4.31e-009	-3.08e-007	3.11e-007
	594	9.12e-010	-2.77e-008	7.67e-010	-2.69e-008	-3.14e-007	3.12e-007
	582	9.12e-010	-2.74e-008	5.10e-010	-2.67e-008	-2.88e-007	3.22e-007
423	580	-7.63e-010	-2.63e-008	4.71e-010	3.58e-008	-3.16e-007	3.15e-007
	592	-7.63e-010	-2.76e-008	7.67e-010	3.06e-008	-2.86e-007	3.06e-007
	593	-4.65e-012	-2.76e-008	4.24e-010	6.91e-010	-2.92e-007	3.11e-007
	581	-4.65e-012	-2.63e-008	1.28e-010	2.64e-008	-2.66e-007	3.20e-007
424	282	-1.02e-010	-2.55e-008	3.09e-011	6.36e-008	-2.87e-007	2.98e-007
	348	-1.02e-010	-2.72e-008	-8.10e-010	4.15e-008	-2.73e-007	2.95e-007
	592	-7.63e-010	-2.72e-008	-3.09e-010	2.79e-008	-2.78e-007	3.03e-007
	580	-7.63e-010	-2.55e-008	5.31e-010	6.37e-008	-2.71e-007	3.06e-007
425	578	-4.55e-008	-2.66e-008	-2.06e-007	1.81e-007	-2.03e-006	-3.49e-007
	591	-4.55e-008	-7.42e-008	1.19e-008	-7.52e-007	-9.14e-007	3.06e-007
	356	-9.65e-009	-7.42e-008	2.09e-007	1.13e-007	-2.60e-006	2.52e-007
	579	-9.65e-009	-2.66e-008	-9.05e-009	1.35e-006	-1.41e-006	-4.02e-007
426	577	-8.42e-010	-1.79e-008	3.51e-009	3.45e-007	-7.48e-007	1.40e-007
	590	-8.42e-010	-6.41e-008	1.38e-008	2.14e-007	-1.49e-006	-2.93e-007
	591	-4.55e-008	-6.41e-008	-4.61e-008	-1.02e-006	-1.18e-006	-4.62e-007
	578	-4.55e-008	-1.79e-008	-5.63e-008	2.33e-007	-1.70e-006	-2.97e-008
427	576	-3.21e-009	-2.49e-008	-1.07e-008	2.84e-007	-4.76e-007	1.36e-007
	589	-3.21e-009	-3.97e-008	-3.09e-009	4.39e-008	-7.91e-007	2.81e-007
	590	-8.42e-010	-3.97e-008	8.85e-009	7.04e-007	-2.54e-007	2.28e-007
	577	-8.42e-010	-2.49e-008	1.21e-009	7.44e-008	-5.01e-007	8.31e-008
428	575	-8.93e-011	-2.55e-008	8.60e-010	9.03e-008	-2.19e-007	1.84e-007
	588	-8.93e-011	-3.55e-008	1.34e-009	1.85e-008	-3.06e-007	2.14e-007
	589	-3.21e-009	-3.55e-008	-3.55e-009	8.84e-008	-2.71e-007	2.28e-007
	576	-3.21e-009	-2.55e-008	-4.03e-009	1.13e-007	-3.77e-007	1.98e-007
429	574	-6.24e-011	-2.44e-008	-8.70e-010	-3.00e-008	-1.58e-007	1.83e-007
	587	-6.24e-011	-3.23e-008	-5.03e-011	-3.95e-008	-9.45e-008	2.22e-007
	588	-8.93e-011	-3.23e-008	1.36e-009	4.56e-009	-2.18e-007	2.39e-007
	575	-8.93e-011	-2.44e-008	5.37e-010	4.55e-008	-1.78e-007	2.01e-007
430	573	8.36e-011	-2.35e-008	1.18e-010	-4.22e-008	-1.62e-007	2.46e-007
	586	8.36e-011	-3.19e-008	2.41e-010	-9.43e-008	-1.27e-007	2.54e-007
	587	-6.24e-011	-3.19e-008	-2.36e-010	-1.29e-007	-2.65e-007	2.17e-007
	574	-6.24e-011	-2.35e-008	-3.59e-010	1.68e-008	-1.82e-007	2.09e-007
431	572	3.84e-011	-2.27e-008	-1.42e-010	-3.63e-008	-7.97e-008	3.03e-007
	585	3.84e-011	-3.07e-008	1.66e-010	-8.61e-008	-7.72e-008	2.96e-007
	586	8.36e-011	-3.07e-008	2.97e-010	-1.07e-007	-1.77e-007	2.68e-007
	573	8.36e-011	-2.27e-008	-1.14e-011	-3.68e-008	-1.39e-007	2.75e-007
432	571	4.24e-011	-2.19e-008	-1.79e-010	-3.61e-008	2.49e-009	3.14e-007
	584	4.24e-011	-2.93e-008	1.07e-010	-5.02e-008	2.51e-008	3.05e-007
	585	3.84e-011	-2.93e-008	1.43e-010	-7.10e-008	-6.99e-008	3.06e-007
	572	3.84e-011	-2.19e-008	-1.43e-010	-4.53e-008	-4.92e-008	3.16e-007
433	570	1.74e-011	-2.12e-008	-3.33e-010	-5.79e-008	2.02e-008	2.93e-007
	583	1.74e-011	-2.83e-008	-1.01e-010	-1.16e-008	9.93e-008	2.89e-007
	584	4.24e-011	-2.83e-008	3.10e-011	-5.53e-008	-3.33e-008	3.09e-007
	571	4.24e-011	-2.12e-008	-2.01e-010	-2.67e-008	2.07e-008	3.13e-007
434	569	2.19e-012	-2.07e-008	-2.32e-010	-1.82e-008	-2.54e-008	3.27e-007
	582	2.19e-012	-2.82e-008	-2.57e-011	-2.99e-008	2.31e-008	3.21e-007
	583	1.74e-011	-2.82e-008	-1.25e-010	-7.80e-008	-1.07e-007	2.93e-007
	570	1.74e-011	-2.07e-008	-3.32e-010	1.06e-008	-2.23e-008	2.99e-007
435	568	-2.43e-012	-2.02e-008	-1.94e-010	1.11e-008	3.22e-008	3.52e-007
	581	-2.43e-012	-2.74e-008	7.44e-011	-2.87e-009	4.86e-008	3.37e-007
	582	2.19e-012	-2.74e-008	3.35e-011	-3.39e-008	-4.48e-008	3.25e-007

	569	2.19e-012	-2.02e-008	-2.35e-010	-3.89e-009	-1.28e-008	3.40e-007
436	567	4.41e-012	-1.96e-008	-2.21e-010	2.93e-008	9.59e-008	3.36e-007
	580	4.41e-012	-2.63e-008	4.81e-011	4.16e-008	1.22e-007	3.21e-007
	581	-2.43e-012	-2.63e-008	7.82e-011	1.55e-008	4.42e-008	3.36e-007
	568	-2.43e-012	-1.96e-008	-1.90e-010	9.75e-009	5.16e-008	3.51e-007
437	343	-2.09e-012	-1.91e-008	-3.10e-010	2.38e-008	1.14e-007	2.91e-007
	282	-2.09e-012	-2.55e-008	-1.10e-010	8.37e-008	1.86e-007	2.83e-007
	580	4.41e-012	-2.55e-008	-1.31e-011	4.45e-008	7.79e-008	3.15e-007
	567	4.41e-012	-1.91e-008	-2.13e-010	3.86e-008	1.08e-007	3.23e-007
438	566	3.31e-008	3.89e-008	2.04e-008	1.15e-006	-1.22e-006	-6.52e-007
	578	3.31e-008	-2.66e-008	-2.02e-007	5.73e-007	-1.92e-006	-2.89e-007
	579	6.75e-008	-2.66e-008	-3.41e-008	1.11e-006	-1.39e-006	-2.98e-007
	364	6.75e-008	3.89e-008	1.88e-007	1.73e-006	-2.07e-006	-6.61e-007
439	565	-8.45e-009	1.53e-008	2.07e-008	4.94e-007	-7.28e-007	-1.34e-007
	577	-8.45e-009	-1.79e-008	7.21e-009	3.09e-007	-7.43e-007	2.10e-008
	578	3.31e-008	-1.79e-008	-5.23e-008	4.22e-007	-1.52e-006	-1.53e-007
	566	3.31e-008	1.53e-008	-3.88e-008	8.61e-007	-1.31e-006	-3.08e-007
440	564	-2.16e-009	-1.20e-008	-7.09e-009	2.62e-007	-3.38e-007	3.11e-008
	576	-2.16e-009	-2.49e-008	-1.17e-008	2.13e-007	-4.15e-007	7.50e-008
	577	-8.45e-009	-2.49e-008	4.91e-009	3.08e-007	-5.40e-007	2.65e-008
	565	-8.45e-009	-1.20e-008	9.55e-009	3.04e-007	-5.55e-007	-1.75e-008
441	563	-3.37e-010	-1.48e-008	1.37e-009	1.48e-007	-2.15e-007	1.21e-007
	575	-3.37e-010	-2.55e-008	7.29e-010	9.36e-008	-2.09e-007	1.69e-007
	576	-2.16e-009	-2.55e-008	-5.03e-009	1.70e-007	-3.68e-007	1.21e-007
	564	-2.16e-009	-1.48e-008	-4.39e-009	2.21e-007	-3.00e-007	7.25e-008
442	562	5.34e-011	-1.58e-008	-1.29e-009	7.17e-008	-1.38e-007	1.71e-007
	574	5.34e-011	-2.44e-008	-1.18e-009	3.27e-008	-1.55e-007	1.95e-007
	575	-3.37e-010	-2.44e-008	4.05e-010	7.19e-008	-1.75e-007	1.73e-007
	563	-3.37e-010	-1.58e-008	2.92e-010	1.07e-007	-1.63e-007	1.49e-007
443	561	2.33e-011	-1.52e-008	-4.20e-010	4.59e-008	-1.18e-007	2.39e-007
	573	2.33e-011	-2.35e-008	-1.44e-010	-7.80e-009	-1.49e-007	2.51e-007
	574	5.34e-011	-2.35e-008	-6.70e-010	6.31e-009	-1.58e-007	2.10e-007
	562	5.34e-011	-1.52e-008	-9.46e-010	6.87e-008	-1.36e-007	1.98e-007
444	560	5.33e-011	-1.47e-008	-6.84e-010	2.18e-008	-5.75e-008	2.96e-007
	572	5.33e-011	-2.27e-008	-4.53e-010	-2.66e-008	-7.41e-008	3.04e-007
	573	2.33e-011	-2.27e-008	-2.73e-010	-7.51e-009	-1.18e-007	2.75e-007
	561	2.33e-011	-1.47e-008	-5.04e-010	2.77e-008	-9.70e-008	2.66e-007
445	559	8.06e-011	-1.43e-008	-5.74e-010	3.78e-009	8.46e-010	3.18e-007
	571	8.06e-011	-2.19e-008	-3.94e-010	-3.11e-008	-2.12e-009	3.21e-007
	572	5.33e-011	-2.19e-008	-4.53e-010	-1.84e-008	-3.95e-008	3.14e-007
	560	5.33e-011	-1.43e-008	-6.34e-010	1.39e-009	-3.34e-008	3.11e-007
446	558	2.52e-011	-1.39e-008	-5.45e-010	-2.97e-009	1.63e-008	3.18e-007
	570	2.52e-011	-2.12e-008	-4.10e-010	-1.14e-008	1.12e-008	3.14e-007
	571	8.06e-011	-2.12e-008	-4.15e-010	-2.17e-008	2.20e-008	3.18e-007
	559	8.06e-011	-1.39e-008	-5.51e-010	-6.31e-009	1.19e-008	3.22e-007
447	557	-4.03e-011	-1.35e-008	-5.35e-010	1.83e-008	-1.45e-009	3.42e-007
	569	-4.03e-011	-2.07e-008	-4.15e-010	-3.81e-009	-2.02e-008	3.35e-007
	570	2.52e-011	-2.07e-008	-4.09e-010	-1.78e-008	-6.93e-009	3.18e-007
	558	2.52e-011	-1.35e-008	-5.28e-010	1.22e-008	-3.69e-009	3.25e-007
448	556	-9.93e-012	-1.31e-008	-5.40e-010	2.33e-008	3.26e-008	3.59e-007
	568	-9.93e-012	-2.02e-008	-4.15e-010	5.89e-009	2.96e-008	3.56e-007
	569	-4.03e-011	-2.02e-008	-4.17e-010	8.16e-009	-1.26e-009	3.48e-007
	557	-4.03e-011	-1.31e-008	-5.42e-010	1.25e-008	5.32e-009	3.51e-007
449	555	3.48e-011	-1.28e-008	-5.23e-010	2.38e-008	7.57e-008	3.46e-007
	567	3.48e-011	-1.96e-008	-4.03e-010	1.80e-008	8.50e-008	3.43e-007
	568	-9.93e-012	-1.96e-008	-4.12e-010	1.92e-008	5.29e-008	3.55e-007
	556	-9.93e-012	-1.28e-008	-5.32e-010	1.21e-008	4.70e-008	3.58e-007
450	290	1.18e-012	-1.25e-008	-4.78e-010	2.63e-008	8.88e-008	3.14e-007
	343	1.18e-012	-1.91e-008	-3.75e-010	4.22e-008	9.89e-008	3.07e-007
	567	3.48e-011	-1.91e-008	-3.95e-010	2.98e-008	1.02e-007	3.30e-007

	555	3.48e-011	-1.25e-008	-4.99e-010	1.83e-008	8.32e-008	3.36e-007
451	553	-3.99e-008	3.94e-009	-1.05e-008	1.14e-006	-1.07e-006	-1.23e-006
	566	-3.99e-008	3.89e-008	6.10e-008	1.21e-006	-1.17e-006	-6.38e-007
	364	9.05e-008	3.89e-008	9.26e-008	2.76e-006	-1.74e-006	-1.76e-006
	554	9.05e-008	3.94e-009	2.12e-008	1.23e-006	-2.33e-007	-2.35e-006
452	552	-3.72e-009	5.29e-009	1.18e-008	6.40e-007	-5.49e-007	-3.93e-007
	565	-3.72e-009	1.53e-008	1.70e-008	4.87e-007	-6.94e-007	-1.40e-007
	566	-3.99e-008	1.53e-008	1.69e-009	1.08e-006	-1.11e-006	-5.95e-007
	553	-3.99e-008	5.29e-009	-3.59e-009	7.50e-007	-6.00e-007	-8.48e-007
453	551	-2.38e-009	-5.30e-009	1.82e-009	3.59e-007	-2.64e-007	-7.80e-008
	564	-2.38e-009	-1.20e-008	-4.64e-009	2.85e-007	-3.31e-007	2.02e-008
	565	-3.72e-009	-1.20e-008	5.94e-009	5.13e-007	-4.96e-007	-1.15e-007
	552	-3.72e-009	-5.30e-009	1.24e-008	4.05e-007	-3.69e-007	-2.13e-007
454	550	-4.90e-010	-4.99e-009	3.10e-010	2.32e-007	-1.61e-007	5.34e-008
	563	-4.90e-010	-1.48e-008	8.61e-010	1.65e-007	-2.02e-007	1.09e-007
	564	-2.38e-009	-1.48e-008	-1.93e-009	2.64e-007	-2.64e-007	4.13e-008
	551	-2.38e-009	-4.99e-009	-2.48e-009	2.90e-007	-2.08e-007	-1.46e-008
455	549	3.48e-011	-6.33e-009	-1.06e-009	1.49e-007	-9.62e-008	1.35e-007
	562	3.48e-011	-1.58e-008	-1.39e-009	1.06e-007	-1.28e-007	1.67e-007
	563	-4.90e-010	-1.58e-008	-2.21e-010	1.54e-007	-1.45e-007	1.26e-007
	550	-4.90e-010	-6.33e-009	1.14e-010	1.91e-007	-1.18e-007	9.42e-008
456	548	2.93e-011	-6.00e-009	-8.20e-010	1.07e-007	-6.84e-008	2.13e-007
	561	2.93e-011	-1.52e-008	-6.13e-010	6.23e-008	-1.01e-007	2.33e-007
	562	3.48e-011	-1.52e-008	-1.04e-009	8.76e-008	-1.15e-007	1.87e-007
	549	3.48e-011	-6.00e-009	-1.25e-009	1.37e-007	-8.30e-008	1.68e-007
457	547	4.97e-011	-5.88e-009	-9.39e-010	7.30e-008	-2.91e-008	2.75e-007
	560	4.97e-011	-1.47e-008	-8.41e-010	2.83e-008	-4.86e-008	2.91e-007
	561	2.93e-011	-1.47e-008	-6.97e-010	5.82e-008	-7.80e-008	2.58e-007
	548	2.93e-011	-5.88e-009	-7.96e-010	9.00e-008	-4.93e-008	2.41e-007
458	546	5.87e-011	-5.71e-009	-8.20e-010	4.51e-008	7.51e-009	3.07e-007
	559	5.87e-011	-1.43e-008	-7.04e-010	9.98e-009	2.31e-009	3.18e-007
	560	4.97e-011	-1.43e-008	-7.91e-010	3.05e-008	-2.34e-008	3.04e-007
	547	4.97e-011	-5.71e-009	-9.07e-010	5.47e-008	-9.04e-009	2.93e-007
459	545	1.12e-011	-5.58e-009	-7.79e-010	3.05e-008	2.04e-008	3.21e-007
	558	1.12e-011	-1.39e-008	-6.70e-010	1.60e-008	1.73e-008	3.22e-007
	559	5.87e-011	-1.39e-008	-6.81e-010	1.21e-008	1.34e-008	3.18e-007
	546	5.87e-011	-5.58e-009	-7.90e-010	3.64e-008	1.64e-008	3.17e-007
460	544	-3.93e-011	-5.44e-009	-7.51e-010	3.31e-008	1.55e-008	3.43e-007
	557	-3.93e-011	-1.35e-008	-6.46e-010	1.92e-008	5.63e-009	3.41e-007
	558	1.12e-011	-1.35e-008	-6.53e-010	1.13e-008	3.20e-009	3.27e-007
	545	1.12e-011	-5.44e-009	-7.58e-010	3.61e-008	1.27e-008	3.29e-007
461	543	-2.02e-011	-5.31e-009	-7.49e-010	2.80e-008	3.27e-008	3.54e-007
	556	-2.02e-011	-1.31e-008	-6.59e-010	1.57e-008	3.24e-008	3.57e-007
	557	-3.93e-011	-1.31e-008	-6.53e-010	2.35e-008	1.17e-008	3.51e-007
	544	-3.93e-011	-5.31e-009	-7.44e-010	2.85e-008	2.01e-008	3.48e-007
462	542	1.25e-011	-5.19e-009	-7.16e-010	1.88e-008	5.76e-008	3.45e-007
	555	1.25e-011	-1.28e-008	-6.30e-010	1.49e-008	6.86e-008	3.47e-007
	556	-2.02e-011	-1.28e-008	-6.51e-010	2.23e-008	4.65e-008	3.57e-007
	543	-2.02e-011	-5.19e-009	-7.37e-010	1.85e-008	4.37e-008	3.54e-007
463	338	-1.09e-011	-5.07e-009	-6.74e-010	1.44e-008	6.80e-008	3.21e-007
	290	-1.09e-011	-1.25e-008	-5.81e-010	2.85e-008	8.09e-008	3.18e-007
	555	1.25e-011	-1.25e-008	-6.06e-010	1.99e-008	7.55e-008	3.36e-007
	542	1.25e-011	-5.07e-009	-6.98e-010	1.45e-008	6.31e-008	3.39e-007
464	540	-4.96e-010	-4.64e-009	1.88e-008	6.13e-007	2.69e-007	-1.36e-006
	553	-4.96e-010	3.94e-009	1.73e-008	8.26e-007	-6.83e-007	-1.33e-006
	554	4.04e-010	3.94e-009	2.95e-009	1.14e-006	-6.26e-008	-2.04e-006
	541	4.04e-010	-4.64e-009	4.47e-009	3.69e-007	-3.62e-010	-2.06e-006
465	539	-2.31e-010	-7.38e-009	5.60e-009	5.86e-007	-1.14e-007	-5.16e-007
	552	-2.31e-010	5.29e-009	4.76e-009	5.25e-007	-3.97e-007	-4.25e-007
	553	-4.96e-010	5.29e-009	2.42e-008	9.42e-007	-4.30e-007	-9.39e-007

	540	-4.96e-010	-7.38e-009	2.50e-008	4.24e-007	2.29e-008	-1.03e-006
466	538	-3.65e-011	2.70e-009	5.22e-009	4.18e-007	-1.47e-007	-1.74e-007
	551	-3.65e-011	-5.30e-009	4.90e-009	3.67e-007	-2.27e-007	-9.49e-008
	552	-2.31e-010	-5.30e-009	5.40e-009	6.08e-007	-2.95e-007	-2.90e-007
	539	-2.31e-010	2.70e-009	5.72e-009	3.99e-007	-9.63e-008	-3.69e-007
467	537	4.53e-011	2.15e-009	-2.18e-010	2.93e-007	-8.08e-008	-1.74e-008
	550	4.53e-011	-4.99e-009	-3.13e-010	2.48e-007	-1.36e-007	4.04e-008
	551	-3.65e-011	-4.99e-009	5.92e-010	3.58e-007	-1.70e-007	-5.39e-008
	538	-3.65e-011	2.15e-009	6.87e-010	3.44e-007	-9.00e-008	-1.12e-007
468	536	4.01e-011	3.46e-009	-9.62e-010	2.09e-007	-3.80e-008	9.27e-008
	549	4.01e-011	-6.33e-009	-9.70e-010	1.74e-007	-7.77e-008	1.29e-007
	550	4.53e-011	-6.33e-009	-5.09e-010	2.33e-007	-9.49e-008	6.76e-008
	537	4.53e-011	3.46e-009	-5.01e-010	2.51e-007	-4.66e-008	3.13e-008
469	535	1.05e-011	3.15e-009	-9.33e-010	1.58e-007	-1.49e-008	1.82e-007
	548	1.05e-011	-6.00e-009	-9.29e-010	1.22e-007	-4.96e-008	2.06e-007
	549	4.01e-011	-6.00e-009	-1.16e-009	1.59e-007	-6.03e-008	1.54e-007
	536	4.01e-011	3.15e-009	-1.17e-009	1.88e-007	-1.99e-008	1.30e-007
470	534	1.02e-011	3.03e-009	-9.76e-010	1.18e-007	6.38e-009	2.50e-007
	547	1.02e-011	-5.88e-009	-9.78e-010	8.12e-008	-1.65e-008	2.69e-007
	548	1.05e-011	-5.88e-009	-9.04e-010	1.16e-007	-3.07e-008	2.31e-007
	535	1.05e-011	3.03e-009	-9.02e-010	1.38e-007	1.22e-009	2.11e-007
471	533	1.33e-011	2.85e-009	-8.65e-010	8.44e-008	2.43e-008	2.91e-007
	546	1.33e-011	-5.71e-009	-8.68e-010	5.41e-008	1.29e-008	3.05e-007
	547	1.02e-011	-5.71e-009	-9.46e-010	7.94e-008	2.41e-009	2.84e-007
	534	1.02e-011	2.85e-009	-9.43e-010	9.93e-008	2.14e-008	2.70e-007
472	532	-1.12e-011	2.72e-009	-8.31e-010	6.08e-008	2.99e-008	3.15e-007
	545	-1.12e-011	-5.58e-009	-8.28e-010	4.38e-008	2.26e-008	3.23e-007
	546	1.33e-011	-5.58e-009	-8.38e-010	5.27e-008	2.28e-008	3.11e-007
	533	1.33e-011	2.72e-009	-8.41e-010	7.26e-008	3.20e-008	3.04e-007
473	531	-3.80e-011	2.60e-009	-8.01e-010	4.74e-008	2.69e-008	3.35e-007
	544	-3.80e-011	-5.44e-009	-7.93e-010	3.54e-008	1.93e-008	3.41e-007
	545	-1.12e-011	-5.44e-009	-8.07e-010	4.02e-008	2.05e-008	3.29e-007
	532	-1.12e-011	2.60e-009	-8.15e-010	5.68e-008	2.92e-008	3.24e-007
474	530	-3.15e-011	2.51e-009	-7.95e-010	3.22e-008	3.32e-008	3.45e-007
	543	-3.15e-011	-5.31e-009	-7.86e-010	2.34e-008	3.25e-008	3.52e-007
	544	-3.80e-011	-5.31e-009	-7.86e-010	3.57e-008	2.53e-008	3.47e-007
	531	-3.80e-011	2.51e-009	-7.95e-010	3.97e-008	3.11e-008	3.40e-007
475	529	-1.54e-011	2.42e-009	-7.72e-010	1.54e-008	4.46e-008	3.38e-007
	542	-1.54e-011	-5.19e-009	-7.58e-010	1.37e-008	5.20e-008	3.45e-007
	543	-3.15e-011	-5.19e-009	-7.74e-010	2.53e-008	4.34e-008	3.51e-007
	530	-3.15e-011	2.42e-009	-7.88e-010	2.21e-008	4.10e-008	3.45e-007
476	335	-2.58e-011	2.36e-009	-7.45e-010	2.07e-009	5.03e-008	3.20e-007
	338	-2.58e-011	-5.07e-009	-7.23e-010	1.37e-008	6.00e-008	3.23e-007
	542	-1.54e-011	-5.07e-009	-7.40e-010	1.47e-008	5.85e-008	3.36e-007
	529	-1.54e-011	2.36e-009	-7.62e-010	8.86e-009	4.94e-008	3.34e-007
477	528	3.87e-008	-4.18e-008	5.97e-008	1.84e-007	6.86e-007	-1.12e-006
	540	3.87e-008	-4.64e-009	-8.76e-009	3.84e-007	5.74e-007	-1.36e-006
	541	-9.26e-008	-4.64e-009	2.42e-008	3.20e-007	2.21e-007	-2.33e-006
	365	-9.26e-008	-4.18e-008	9.27e-008	-4.24e-007	1.51e-006	-2.09e-006
478	527	2.88e-009	-1.77e-008	1.67e-008	5.03e-007	2.02e-007	-4.77e-007
	539	2.88e-009	-7.38e-009	1.29e-008	4.62e-007	4.01e-008	-5.53e-007
	540	3.87e-008	-7.38e-009	-2.52e-009	5.81e-007	1.89e-007	-1.02e-006
	528	3.87e-008	-1.77e-008	1.31e-009	1.72e-007	7.02e-007	-9.48e-007
479	526	2.21e-009	9.29e-009	-4.79e-009	4.15e-007	-9.33e-009	-2.55e-007
	538	2.21e-009	2.70e-009	2.18e-009	4.18e-007	-1.03e-007	-2.04e-007
	539	2.88e-009	2.70e-009	1.30e-008	5.82e-007	-2.14e-008	-3.80e-007
	527	2.88e-009	9.29e-009	6.03e-009	3.92e-007	1.37e-007	-4.31e-007
480	525	5.38e-010	1.20e-008	8.21e-010	3.22e-007	2.42e-008	-8.24e-008
	537	5.38e-010	2.15e-009	4.14e-010	3.01e-007	-4.75e-008	-3.05e-008
	538	2.21e-009	2.15e-009	-2.35e-009	4.02e-007	-4.75e-008	-1.46e-007

	526	2.21e-009	1.20e-008	-1.94e-009	3.66e-007	4.60e-008	-1.98e-007
481	524	5.28e-011	1.30e-008	-1.42e-009	2.50e-007	4.01e-008	5.02e-008
	536	5.28e-011	3.46e-009	-1.07e-009	2.23e-007	-1.37e-008	8.50e-008
	537	5.38e-010	3.46e-009	1.31e-010	2.91e-007	-1.82e-008	6.93e-009
	525	5.38e-010	1.30e-008	-2.18e-010	2.79e-007	3.98e-008	-2.79e-008
482	523	-2.30e-011	1.24e-008	-6.30e-010	2.00e-007	4.44e-008	1.50e-007
	535	-2.30e-011	3.15e-009	-8.26e-010	1.69e-007	5.40e-009	1.75e-007
	536	5.28e-011	3.15e-009	-1.27e-009	2.13e-007	4.14e-009	1.15e-007
	524	5.28e-011	1.24e-008	-1.08e-009	2.24e-007	5.03e-008	9.09e-008
483	522	-3.08e-011	1.19e-008	-8.22e-010	1.57e-007	4.65e-008	2.22e-007
	534	-3.08e-011	3.03e-009	-9.25e-010	1.26e-007	2.04e-008	2.43e-007
	535	-2.30e-011	3.03e-009	-7.94e-010	1.63e-007	2.02e-008	2.01e-007
	523	-2.30e-011	1.19e-008	-6.91e-010	1.78e-007	5.44e-008	1.80e-007
484	521	-2.07e-011	1.14e-008	-6.91e-010	1.18e-007	4.74e-008	2.69e-007
	533	-2.07e-011	2.85e-009	-8.14e-010	9.26e-008	3.21e-008	2.87e-007
	534	-3.08e-011	2.85e-009	-8.93e-010	1.22e-007	3.44e-008	2.60e-007
	522	-3.08e-011	1.14e-008	-7.70e-010	1.38e-007	5.69e-008	2.43e-007
485	520	-3.10e-011	1.10e-008	-6.94e-010	8.58e-008	4.34e-008	3.00e-007
	532	-3.10e-011	2.72e-009	-7.97e-010	6.94e-008	3.39e-008	3.13e-007
	533	-2.07e-011	2.72e-009	-7.90e-010	8.82e-008	4.07e-008	2.97e-007
	521	-2.07e-011	1.10e-008	-6.87e-010	1.04e-007	5.44e-008	2.83e-007
486	519	-4.34e-011	1.06e-008	-6.73e-010	5.95e-008	3.61e-008	3.20e-007
	531	-4.34e-011	2.60e-009	-7.69e-010	4.93e-008	2.97e-008	3.31e-007
	532	-3.10e-011	2.60e-009	-7.80e-010	6.43e-008	3.66e-008	3.20e-007
	520	-3.10e-011	1.06e-008	-6.84e-010	7.57e-008	4.65e-008	3.09e-007
487	518	-4.13e-011	1.03e-008	-6.73e-010	3.44e-008	3.35e-008	3.29e-007
	530	-4.13e-011	2.51e-009	-7.66e-010	2.87e-008	3.28e-008	3.41e-007
	531	-4.34e-011	2.51e-009	-7.63e-010	4.62e-008	3.54e-008	3.37e-007
	519	-4.34e-011	1.03e-008	-6.71e-010	4.86e-008	4.07e-008	3.25e-007
488	517	-3.18e-011	1.00e-008	-6.64e-010	9.50e-009	3.48e-008	3.25e-007
	529	-3.18e-011	2.42e-009	-7.52e-010	1.06e-008	4.02e-008	3.36e-007
	530	-4.13e-011	2.42e-009	-7.58e-010	2.68e-008	4.11e-008	3.40e-007
	518	-4.13e-011	1.00e-008	-6.70e-010	2.29e-008	3.98e-008	3.30e-007
489	291	-3.18e-011	9.77e-009	-6.56e-010	-1.32e-008	3.53e-008	3.11e-007
	335	-3.18e-011	2.36e-009	-7.36e-010	-1.31e-009	4.36e-008	3.19e-007
	529	-3.18e-011	2.36e-009	-7.42e-010	8.12e-009	4.63e-008	3.30e-007
	517	-3.18e-011	9.77e-009	-6.61e-010	4.43e-010	3.99e-008	3.21e-007
490	515	-3.30e-008	2.30e-008	-1.97e-007	4.01e-007	1.57e-006	-7.98e-007
	528	-3.30e-008	-4.18e-008	1.90e-008	8.26e-008	8.84e-007	-1.15e-006
	365	-6.72e-008	-4.18e-008	1.87e-007	-4.16e-007	1.70e-006	-1.31e-006
	516	-6.72e-008	2.30e-008	-2.97e-008	-1.79e-007	1.23e-006	-9.61e-007
491	514	8.43e-009	1.43e-008	9.86e-009	4.61e-007	3.50e-007	-4.90e-007
	527	8.43e-009	-1.77e-008	2.04e-008	4.56e-007	2.61e-007	-5.22e-007
	528	-3.30e-008	-1.77e-008	-3.94e-008	3.56e-007	8.78e-007	-7.51e-007
	515	-3.30e-008	1.43e-008	-5.00e-008	4.63e-007	1.08e-006	-7.19e-007
492	513	2.56e-009	2.17e-008	-1.08e-008	3.39e-007	1.54e-007	-3.44e-007
	526	2.56e-009	9.29e-009	-7.38e-009	4.22e-007	2.81e-008	-2.88e-007
	527	8.43e-009	9.29e-009	9.73e-009	5.50e-007	1.86e-007	-4.05e-007
	514	8.43e-009	2.17e-008	6.28e-009	3.83e-007	2.10e-007	-4.61e-007
493	512	4.48e-010	2.26e-008	9.47e-010	2.99e-007	9.17e-008	-1.24e-007
	525	4.48e-010	1.20e-008	1.40e-009	3.29e-007	6.51e-008	-9.85e-008
	526	2.56e-009	1.20e-008	-4.54e-009	3.75e-007	8.75e-008	-2.29e-007
	513	2.56e-009	2.26e-008	-5.00e-009	3.31e-007	2.29e-007	-2.54e-007
494	511	4.50e-011	2.17e-008	-1.23e-009	2.68e-007	1.07e-007	1.86e-008
	524	4.50e-011	1.30e-008	-1.36e-009	2.61e-007	6.95e-008	4.02e-008
	525	4.48e-010	1.30e-008	3.65e-010	3.17e-007	6.87e-008	-5.08e-008
	512	4.48e-010	2.17e-008	4.91e-010	2.79e-007	1.48e-007	-7.24e-008
495	510	-3.37e-011	2.07e-008	-1.24e-010	2.30e-007	9.32e-008	1.22e-007
	523	-3.37e-011	1.24e-008	-4.20e-010	2.12e-007	6.61e-008	1.41e-007
	524	4.50e-011	1.24e-008	-1.02e-009	2.53e-007	7.37e-008	7.68e-008

	511	4.50e-011	2.07e-008	-7.20e-010	2.47e-007	1.29e-007	5.81e-008
496	509	-3.99e-011	1.98e-008	-4.39e-010	1.88e-007	8.28e-008	1.94e-007
	522	-3.99e-011	1.19e-008	-6.68e-010	1.67e-007	6.17e-008	2.13e-007
	523	-3.37e-011	1.19e-008	-4.81e-010	2.05e-007	7.19e-008	1.69e-007
	510	-3.37e-011	1.98e-008	-2.52e-010	2.10e-007	1.08e-007	1.50e-007
497	508	-2.51e-011	1.90e-008	-3.69e-010	1.44e-007	6.98e-008	2.44e-007
	521	-2.51e-011	1.14e-008	-5.54e-010	1.27e-007	5.71e-008	2.62e-007
	522	-3.99e-011	1.14e-008	-6.16e-010	1.59e-007	6.93e-008	2.33e-007
	509	-3.99e-011	1.90e-008	-4.31e-010	1.68e-007	9.45e-008	2.15e-007
498	507	-2.89e-011	1.84e-008	-4.28e-010	1.04e-007	5.63e-008	2.78e-007
	520	-2.89e-011	1.10e-008	-5.73e-010	9.28e-008	4.91e-008	2.94e-007
	521	-2.51e-011	1.10e-008	-5.50e-010	1.19e-007	6.30e-008	2.75e-007
	508	-2.51e-011	1.84e-008	-4.04e-010	1.28e-007	8.04e-008	2.59e-007
499	506	-3.32e-011	1.78e-008	-4.48e-010	6.72e-008	4.23e-008	2.99e-007
	519	-3.32e-011	1.06e-008	-5.63e-010	6.16e-008	3.93e-008	3.14e-007
	520	-2.89e-011	1.06e-008	-5.63e-010	8.41e-008	5.27e-008	3.02e-007
	507	-2.89e-011	1.78e-008	-4.48e-010	9.02e-008	6.53e-008	2.87e-007
500	505	-3.27e-011	1.73e-008	-4.86e-010	3.33e-008	3.09e-008	3.09e-007
	518	-3.27e-011	1.03e-008	-5.73e-010	3.22e-008	3.37e-008	3.23e-007
	519	-3.32e-011	1.03e-008	-5.61e-010	5.39e-008	4.40e-008	3.19e-007
	506	-3.32e-011	1.73e-008	-4.74e-010	5.44e-008	5.27e-008	3.05e-007
501	504	-2.80e-011	1.68e-008	-5.15e-010	8.55e-010	2.46e-008	3.07e-007
	517	-2.80e-011	1.00e-008	-5.76e-010	5.11e-009	3.18e-008	3.20e-007
	518	-3.27e-011	1.00e-008	-5.70e-010	2.51e-008	3.95e-008	3.23e-007
	505	-3.27e-011	1.68e-008	-5.09e-010	2.09e-008	4.29e-008	3.10e-007
502	330	-2.47e-011	1.64e-008	-5.40e-010	-2.96e-008	1.96e-008	2.95e-007
	291	-2.47e-011	9.77e-009	-5.79e-010	-1.74e-008	3.01e-008	3.07e-007
	517	-2.80e-011	9.77e-009	-5.74e-010	-2.22e-009	3.71e-008	3.15e-007
	504	-2.80e-011	1.64e-008	-5.35e-010	-9.48e-009	3.66e-008	3.04e-007
503	503	4.31e-008	7.15e-008	3.16e-009	1.12e-006	-1.52e-007	-4.47e-007
	515	4.31e-008	2.30e-008	-2.02e-007	8.68e-007	1.59e-006	-9.39e-007
	516	4.94e-009	2.30e-008	-1.45e-009	-6.15e-007	1.42e-006	-1.18e-006
	361	4.94e-009	7.15e-008	2.03e-007	1.08e-006	3.48e-006	-6.90e-007
504	502	-1.02e-010	5.99e-008	1.11e-008	2.69e-007	1.20e-006	-8.59e-007
	514	-1.02e-010	1.43e-008	6.84e-009	3.36e-007	3.89e-007	-3.80e-007
	515	4.31e-008	1.43e-008	-5.42e-008	6.18e-007	1.26e-006	-6.99e-007
	503	4.31e-008	5.99e-008	-4.99e-008	1.47e-006	8.57e-007	-1.18e-006
505	501	2.80e-009	3.72e-008	-5.33e-009	4.00e-007	8.03e-007	-1.93e-007
	513	2.80e-009	2.17e-008	-1.02e-008	2.08e-007	2.61e-007	-2.92e-007
	514	-1.02e-010	2.17e-008	3.25e-009	6.26e-007	1.55e-007	-4.34e-007
	502	-1.02e-010	3.72e-008	8.10e-009	-3.27e-007	-2.05e-007	-3.34e-007
506	500	1.99e-010	3.30e-008	1.37e-009	3.07e-007	4.15e-007	-1.35e-007
	512	1.99e-010	2.26e-008	1.12e-009	2.67e-007	1.41e-007	-1.14e-007
	513	2.80e-009	2.26e-008	-4.34e-009	3.91e-007	2.45e-007	-1.92e-007
	501	2.80e-009	3.30e-008	-4.09e-009	2.46e-007	7.13e-008	-2.13e-007
507	499	1.09e-010	3.01e-008	-6.34e-011	3.09e-007	2.24e-007	2.03e-008
	511	1.09e-010	2.17e-008	-8.16e-010	2.69e-007	1.40e-007	1.36e-008
	512	1.99e-010	2.17e-008	6.67e-010	3.22e-007	1.68e-007	-5.85e-008
	500	1.99e-010	3.01e-008	1.42e-009	2.35e-007	1.77e-007	-5.18e-008
508	498	-5.22e-011	2.88e-008	3.19e-010	2.68e-007	1.63e-007	9.52e-008
	510	-5.22e-011	2.07e-008	1.38e-010	2.41e-007	1.13e-007	1.14e-007
	511	1.09e-010	2.07e-008	-3.06e-010	2.84e-007	1.51e-007	5.96e-008
	499	1.09e-010	2.88e-008	-1.26e-010	2.85e-007	1.72e-007	4.05e-008
509	497	-2.29e-011	2.76e-008	9.07e-011	2.23e-007	1.32e-007	1.67e-007
	509	-2.29e-011	1.98e-008	-1.93e-010	1.96e-007	9.73e-008	1.87e-007
	510	-5.22e-011	1.98e-008	9.81e-012	2.40e-007	1.25e-007	1.43e-007
	498	-5.22e-011	2.76e-008	2.93e-010	2.41e-007	1.46e-007	1.24e-007
510	496	-2.10e-011	2.66e-008	8.28e-011	1.72e-007	1.11e-007	2.17e-007
	508	-2.10e-011	1.90e-008	-1.65e-010	1.50e-007	7.97e-008	2.38e-007
	509	-2.29e-011	1.90e-008	-1.84e-010	1.93e-007	1.07e-007	2.07e-007

	497	-2.29e-011	2.66e-008	6.33e-011	1.96e-007	1.15e-007	1.86e-007
511	495	-1.75e-011	2.57e-008	2.35e-011	1.24e-007	9.14e-008	2.54e-007
	507	-1.75e-011	1.84e-008	-2.43e-010	1.06e-007	6.32e-008	2.73e-007
	508	-2.10e-011	1.84e-008	-2.01e-010	1.47e-007	8.86e-008	2.52e-007
	496	-2.10e-011	2.57e-008	6.59e-011	1.44e-007	8.84e-008	2.32e-007
512	494	-1.95e-011	2.49e-008	-1.74e-011	7.86e-008	7.40e-008	2.77e-007
	506	-1.95e-011	1.78e-008	-2.86e-010	6.41e-008	4.69e-008	2.96e-007
	507	-1.75e-011	1.78e-008	-2.63e-010	1.04e-007	7.02e-008	2.82e-007
	495	-1.75e-011	2.49e-008	5.99e-012	9.61e-008	6.10e-008	2.63e-007
513	493	-1.83e-011	2.42e-008	-6.71e-011	3.56e-008	5.81e-008	2.90e-007
	505	-1.83e-011	1.73e-008	-3.44e-010	2.54e-008	3.29e-008	3.07e-007
	506	-1.95e-011	1.73e-008	-3.12e-010	6.48e-008	5.45e-008	3.00e-007
	494	-1.95e-011	2.42e-008	-3.50e-011	5.03e-008	3.79e-008	2.83e-007
514	492	-1.56e-011	2.36e-008	-1.14e-010	-2.96e-009	5.01e-008	2.90e-007
	504	-1.56e-011	1.68e-008	-3.95e-010	-1.09e-008	2.45e-008	3.06e-007
	505	-1.83e-011	1.68e-008	-3.67e-010	2.86e-008	4.10e-008	3.07e-007
	493	-1.83e-011	2.36e-008	-8.59e-011	6.27e-009	1.45e-008	2.91e-007
515	287	-1.36e-011	2.30e-008	-1.56e-010	-4.01e-008	4.17e-008	2.81e-007
	330	-1.36e-011	1.64e-008	-4.41e-010	-4.07e-008	1.78e-008	2.95e-007
	504	-1.56e-011	1.64e-008	-4.15e-010	-5.59e-009	3.17e-008	3.02e-007
	492	-1.56e-011	2.30e-008	-1.30e-010	-3.23e-008	-6.51e-010	2.88e-007
516	489	8.56e-010	1.57e-008	1.24e-009	-4.90e-006	2.77e-006	-2.51e-006
	503	8.56e-010	7.15e-008	8.03e-009	3.10e-006	2.04e-005	-1.32e-006
	361	1.18e-009	7.15e-008	1.46e-008	-1.37e-006	-1.26e-005	-4.24e-007
	491	1.18e-009	1.57e-008	7.77e-009	1.92e-006	3.16e-006	-1.61e-006
517	487	9.34e-010	2.23e-008	4.69e-009	8.72e-007	1.66e-007	2.54e-008
	502	9.34e-010	5.99e-008	-1.18e-009	-7.31e-007	-1.05e-006	-3.14e-007
	503	8.56e-010	5.99e-008	2.74e-010	3.51e-007	-1.98e-006	-2.86e-006
	489	8.56e-010	2.23e-008	6.15e-009	-8.82e-007	1.94e-006	-2.52e-006
518	485	-3.25e-010	2.29e-008	4.71e-009	5.30e-008	9.51e-007	-3.13e-007
	501	-3.25e-010	3.72e-008	-5.16e-010	3.63e-007	8.78e-007	-3.97e-007
	502	9.34e-010	3.72e-008	-1.39e-009	4.11e-007	1.46e-006	-1.11e-007
	487	9.34e-010	2.29e-008	3.83e-009	-1.61e-007	8.06e-007	-2.67e-008
519	483	1.05e-010	2.14e-008	2.84e-009	2.60e-007	3.61e-007	-8.94e-008
	500	1.05e-010	3.30e-008	-8.18e-011	2.03e-007	2.71e-007	-1.06e-007
	501	-3.25e-010	3.30e-008	3.67e-010	1.25e-007	1.63e-007	-3.48e-007
	485	-3.25e-010	2.14e-008	3.29e-009	3.05e-007	5.63e-007	-3.32e-007
520	481	-8.89e-011	2.15e-008	1.93e-009	1.50e-007	4.55e-007	-1.42e-008
	499	-8.89e-011	3.01e-008	5.19e-010	2.92e-007	4.74e-007	-1.65e-009
	500	1.05e-010	3.01e-008	4.51e-010	2.90e-007	3.51e-007	-4.03e-008
	483	1.05e-010	2.15e-008	1.86e-009	1.77e-007	4.48e-007	-5.28e-008
521	479	4.39e-012	2.17e-008	1.30e-009	1.56e-007	4.00e-007	6.93e-008
	498	4.39e-012	2.88e-008	3.08e-010	2.42e-007	3.78e-007	8.87e-008
	499	-8.89e-011	2.88e-008	5.80e-010	2.61e-007	3.07e-007	1.53e-008
	481	-8.89e-011	2.17e-008	1.57e-009	1.76e-007	4.34e-007	-4.17e-009
522	477	-7.66e-011	2.20e-008	1.01e-009	1.25e-007	3.87e-007	1.28e-007
	497	-7.66e-011	2.76e-008	3.06e-010	2.06e-007	3.77e-007	1.54e-007
	498	4.39e-012	2.76e-008	3.16e-010	2.36e-007	3.26e-007	1.07e-007
	479	4.39e-012	2.20e-008	1.02e-009	1.47e-007	4.11e-007	8.09e-008
523	475	-1.86e-011	2.21e-008	8.10e-010	1.01e-007	3.61e-007	1.78e-007
	496	-1.86e-011	2.66e-008	2.03e-010	1.57e-007	3.50e-007	2.05e-007
	497	-7.66e-011	2.66e-008	2.89e-010	1.90e-007	3.18e-007	1.64e-007
	477	-7.66e-011	2.21e-008	8.96e-010	1.21e-007	3.89e-007	1.37e-007
524	473	-2.42e-011	2.22e-008	6.58e-010	7.22e-008	3.41e-007	2.14e-007
	495	-2.42e-011	2.57e-008	1.52e-010	1.11e-007	3.37e-007	2.41e-007
	496	-1.86e-011	2.57e-008	1.93e-010	1.44e-007	3.14e-007	2.13e-007
	475	-1.86e-011	2.22e-008	6.98e-010	9.22e-008	3.66e-007	1.86e-007
525	471	4.50e-011	2.23e-008	5.66e-010	4.51e-008	3.21e-007	2.39e-007
	494	4.50e-011	2.49e-008	1.06e-010	6.71e-008	3.21e-007	2.64e-007
	495	-2.42e-011	2.49e-008	1.37e-010	9.82e-008	3.07e-007	2.45e-007

	473	-2.42e-011	2.23e-008	5.98e-010	6.35e-008	3.45e-007	2.20e-007
526	469	5.06e-011	2.23e-008	3.90e-010	1.95e-008	3.03e-007	2.52e-007
	493	5.06e-011	2.42e-008	2.92e-011	2.52e-008	3.07e-007	2.76e-007
	494	4.50e-011	2.42e-008	9.52e-011	5.56e-008	3.02e-007	2.66e-007
	471	4.50e-011	2.23e-008	4.56e-010	3.55e-008	3.25e-007	2.43e-007
527	467	1.03e-010	2.23e-008	2.89e-010	-4.31e-009	2.86e-007	2.55e-007
	492	1.03e-010	2.36e-008	-4.32e-011	-1.29e-008	2.93e-007	2.76e-007
	493	5.06e-011	2.36e-008	6.41e-012	1.49e-008	2.97e-007	2.75e-007
	469	5.06e-011	2.23e-008	3.39e-010	9.52e-009	3.06e-007	2.54e-007
528	325	8.19e-011	2.22e-008	1.53e-010	-2.75e-008	2.72e-007	2.48e-007
	287	8.19e-011	2.30e-008	-8.13e-011	-4.66e-008	2.82e-007	2.67e-007
	492	1.03e-010	2.30e-008	-5.24e-011	-2.16e-008	2.93e-007	2.74e-007
	467	1.03e-010	2.22e-008	1.82e-010	-1.48e-008	2.89e-007	2.55e-007
529	490	4.90e-009	-8.85e-009	1.41e-009	2.48e-008	2.33e-006	-3.07e-007
	489	4.90e-009	1.57e-008	5.56e-010	-2.36e-007	1.67e-006	-3.19e-007
	491	1.31e-009	1.57e-008	-1.12e-009	2.30e-007	3.40e-006	2.12e-007
	360	1.31e-009	-8.85e-009	-2.61e-010	-4.65e-007	1.67e-006	2.24e-007
530	488	-2.65e-010	-7.25e-009	-8.01e-010	1.42e-007	1.39e-006	-3.71e-007
	487	-2.65e-010	2.23e-008	6.48e-009	3.13e-007	4.97e-007	-7.22e-007
	489	4.90e-009	2.23e-008	5.46e-009	-2.60e-007	2.67e-006	-6.73e-007
	490	4.90e-009	-7.25e-009	-1.83e-009	1.82e-008	1.68e-006	-3.22e-007
531	486	1.09e-009	2.20e-009	8.32e-010	6.95e-008	7.83e-007	-2.83e-007
	485	1.09e-009	2.29e-008	4.86e-009	1.50e-007	7.97e-007	-1.84e-007
	487	-2.65e-010	2.29e-008	5.63e-009	3.21e-007	8.35e-007	-3.14e-007
	488	-2.65e-010	2.20e-009	1.59e-009	9.40e-008	1.11e-006	-4.12e-007
532	484	-3.86e-010	9.50e-009	-9.97e-010	4.90e-008	5.78e-007	-1.11e-007
	483	-3.86e-010	2.14e-008	2.78e-009	1.64e-007	4.37e-007	-1.40e-007
	485	1.09e-009	2.14e-008	3.45e-009	1.11e-007	6.34e-007	-2.46e-007
	486	1.09e-009	9.50e-009	-3.25e-010	4.55e-008	7.07e-007	-2.17e-007
533	482	5.41e-010	1.27e-008	3.76e-010	3.63e-008	5.17e-007	-1.85e-008
	481	5.41e-010	2.15e-008	1.81e-009	1.25e-007	4.53e-007	-4.09e-011
	483	-3.86e-010	2.15e-008	1.79e-009	1.73e-007	4.73e-007	-7.68e-008
	484	-3.86e-010	1.27e-008	3.55e-010	2.47e-008	5.64e-007	-9.53e-008
534	480	-1.02e-010	1.50e-008	-4.08e-010	2.68e-008	4.79e-007	5.70e-008
	479	-1.02e-010	2.17e-008	1.20e-009	1.10e-007	4.18e-007	6.13e-008
	481	5.41e-010	2.17e-008	1.46e-009	1.21e-007	4.52e-007	4.83e-009
	482	5.41e-010	1.50e-008	-1.51e-010	2.41e-008	5.05e-007	4.79e-010
535	478	1.18e-010	1.64e-008	1.15e-010	2.19e-008	4.45e-007	1.16e-007
	477	1.18e-010	2.20e-008	9.61e-010	9.00e-008	4.01e-007	1.24e-007
	479	-1.02e-010	2.20e-008	9.20e-010	1.08e-007	4.20e-007	7.70e-008
	480	-1.02e-010	1.64e-008	7.44e-011	1.91e-008	4.70e-007	6.94e-008
536	476	-4.34e-011	1.77e-008	-9.46e-011	1.77e-008	4.11e-007	1.65e-007
	475	-4.34e-011	2.21e-008	7.68e-010	7.06e-008	3.75e-007	1.71e-007
	477	1.18e-010	2.21e-008	8.47e-010	8.63e-008	3.95e-007	1.34e-007
	478	1.18e-010	1.77e-008	-1.56e-011	1.52e-008	4.36e-007	1.27e-007
537	474	1.18e-010	1.87e-008	6.66e-011	1.35e-008	3.77e-007	2.01e-007
	473	1.18e-010	2.22e-008	6.35e-010	5.04e-008	3.52e-007	2.08e-007
	475	-4.34e-011	2.22e-008	6.56e-010	6.70e-008	3.69e-007	1.80e-007
	476	-4.34e-011	1.87e-008	8.74e-011	1.12e-008	4.02e-007	1.73e-007
538	472	-3.35e-011	1.96e-008	-6.23e-011	9.38e-009	3.45e-007	2.26e-007
	471	-3.35e-011	2.23e-008	5.63e-010	3.11e-008	3.30e-007	2.33e-007
	473	1.18e-010	2.23e-008	5.75e-010	4.69e-008	3.45e-007	2.14e-007
	474	1.18e-010	1.96e-008	-4.97e-011	7.24e-009	3.69e-007	2.07e-007
539	470	2.98e-010	2.04e-008	1.35e-010	5.36e-009	3.15e-007	2.40e-007
	469	2.98e-010	2.23e-008	4.05e-010	1.27e-008	3.10e-007	2.46e-007
	471	-3.35e-011	2.23e-008	4.53e-010	2.76e-008	3.23e-007	2.36e-007
	472	-3.35e-011	2.04e-008	1.83e-010	3.49e-009	3.37e-007	2.30e-007
540	468	-2.55e-011	2.10e-008	-1.58e-010	1.61e-009	2.88e-007	2.43e-007
	467	-2.55e-011	2.23e-008	3.20e-010	-4.58e-009	2.91e-007	2.49e-007
	469	2.98e-010	2.23e-008	3.54e-010	9.45e-009	3.02e-007	2.47e-007

	470	2.98e-010	2.10e-008	-1.24e-010	-3.97e-011	3.08e-007	2.41e-007
541	286	2.87e-010	2.15e-008	1.48e-010	-2.95e-009	2.63e-007	2.36e-007
	325	2.87e-010	2.22e-008	2.16e-010	-1.98e-008	2.74e-007	2.41e-007
	467	-2.55e-011	2.22e-008	2.13e-010	-7.63e-009	2.83e-007	2.48e-007
	468	-2.55e-011	2.15e-008	1.45e-010	-3.35e-009	2.82e-007	2.42e-007
542	453	1.98e-009	2.11e-009	-2.34e-009	3.48e-008	-1.74e-007	-2.47e-007
	466	1.98e-009	1.10e-008	-7.11e-010	1.72e-008	-1.41e-007	-2.34e-007
	359	-5.52e-011	1.10e-008	-1.29e-009	1.73e-008	-8.76e-008	-2.07e-007
	454	-5.52e-011	2.11e-009	-2.92e-009	6.02e-008	-1.10e-007	-2.20e-007
543	452	-2.74e-010	3.06e-009	-1.84e-009	1.03e-008	-2.03e-007	-2.71e-007
	465	-2.74e-010	1.40e-008	1.10e-009	1.18e-008	-1.70e-007	-2.64e-007
	466	1.98e-009	1.40e-008	9.62e-010	6.63e-009	-1.59e-007	-2.44e-007
	453	1.98e-009	3.06e-009	-1.97e-009	2.90e-008	-1.68e-007	-2.51e-007
544	451	1.72e-009	3.84e-009	-7.13e-010	-1.53e-008	-1.43e-007	-2.87e-007
	464	1.72e-009	1.55e-008	-7.88e-010	3.61e-009	-1.36e-007	-2.74e-007
	465	-2.74e-010	1.55e-008	-9.79e-010	2.56e-009	-1.66e-007	-2.68e-007
	452	-2.74e-010	3.84e-009	-9.04e-010	1.20e-008	-1.71e-007	-2.81e-007
545	450	-1.09e-010	4.39e-009	-8.55e-011	-3.23e-008	-5.63e-008	-2.74e-007
	463	-1.09e-010	1.60e-008	1.03e-009	-4.28e-009	-6.80e-008	-2.63e-007
	464	1.72e-009	1.60e-008	7.24e-010	-3.19e-009	-1.16e-007	-2.74e-007
	451	1.72e-009	4.39e-009	-3.92e-010	-1.07e-008	-1.05e-007	-2.86e-007
546	449	6.61e-010	4.92e-009	2.66e-010	-2.80e-008	3.30e-009	-2.46e-007
	462	6.61e-010	1.52e-008	-3.69e-010	-7.66e-009	-5.78e-009	-2.44e-007
	463	-1.09e-010	1.52e-008	-2.61e-010	-5.36e-009	-4.95e-008	-2.62e-007
	450	-1.09e-010	4.92e-009	3.74e-010	-2.80e-008	-2.38e-008	-2.63e-007
547	448	-7.30e-011	5.24e-009	5.48e-010	-2.25e-008	5.16e-008	-2.35e-007
	461	-7.30e-011	1.45e-008	4.40e-010	-4.40e-009	5.37e-008	-2.36e-007
	462	6.61e-010	1.45e-008	2.44e-010	-1.36e-009	4.40e-009	-2.42e-007
	449	6.61e-010	5.24e-009	3.52e-010	-2.68e-008	1.98e-008	-2.42e-007
548	447	1.57e-010	5.55e-009	7.06e-010	-2.86e-008	1.52e-007	-2.33e-007
	460	1.57e-010	1.33e-008	-7.04e-011	-5.46e-009	1.43e-007	-2.25e-007
	461	-7.30e-011	1.33e-008	-2.00e-011	-1.71e-009	7.67e-008	-2.33e-007
	448	-7.30e-011	5.55e-009	7.56e-010	-1.71e-008	8.29e-008	-2.41e-007
549	446	1.28e-011	5.82e-009	7.70e-010	-3.39e-008	2.61e-007	-2.14e-007
	459	1.28e-011	1.20e-008	1.24e-010	-8.70e-009	2.42e-007	-2.06e-007
	460	1.57e-010	1.20e-008	8.91e-011	-4.54e-009	1.74e-007	-2.22e-007
	447	1.57e-010	5.82e-009	7.36e-010	-2.20e-008	1.88e-007	-2.30e-007
550	445	1.45e-010	6.07e-009	7.58e-010	-2.78e-008	3.36e-007	-1.87e-007
	458	1.45e-010	1.06e-008	-3.47e-011	-9.61e-009	3.22e-007	-1.85e-007
	459	1.28e-011	1.06e-008	-2.02e-011	-5.41e-009	2.67e-007	-2.03e-007
	446	1.28e-011	6.07e-009	7.73e-010	-2.89e-008	2.89e-007	-2.04e-007
551	444	-5.12e-011	6.32e-009	7.75e-010	-2.72e-008	3.95e-007	-1.75e-007
	457	-5.12e-011	9.34e-009	1.20e-010	-7.06e-009	3.90e-007	-1.72e-007
	458	1.45e-010	9.34e-009	1.05e-010	-2.75e-009	3.37e-007	-1.81e-007
	445	1.45e-010	6.32e-009	7.60e-010	-2.63e-008	3.50e-007	-1.84e-007
552	443	3.38e-010	6.56e-009	9.63e-010	-4.88e-008	4.93e-007	-1.65e-007
	456	3.38e-010	7.95e-009	-7.55e-011	-9.14e-009	4.70e-007	-1.51e-007
	457	-5.12e-011	7.95e-009	-1.33e-010	-6.39e-009	4.13e-007	-1.67e-007
	444	-5.12e-011	6.56e-009	9.05e-010	-2.34e-008	4.22e-007	-1.81e-007
553	442	1.75e-010	6.67e-009	8.78e-010	-8.05e-008	5.81e-007	-1.17e-007
	455	1.75e-010	6.37e-009	1.46e-010	-1.58e-008	5.24e-007	-9.87e-008
	456	3.38e-010	6.37e-009	1.94e-010	-1.80e-008	4.98e-007	-1.42e-007
	443	3.38e-010	6.67e-009	9.26e-010	-4.27e-008	5.30e-007	-1.60e-007
554	318	4.83e-010	6.43e-009	4.18e-010	-6.86e-008	5.30e-007	-1.66e-008
	285	4.83e-010	5.33e-009	-2.60e-010	-2.26e-008	4.66e-007	-2.29e-008
	455	1.75e-010	5.33e-009	-6.08e-011	-2.69e-008	5.29e-007	-8.84e-008
	442	1.75e-010	6.43e-009	6.17e-010	-7.68e-008	5.97e-007	-8.21e-008
555	441	3.84e-010	-5.68e-009	-1.35e-009	2.13e-008	2.64e-008	-2.81e-007
	453	3.84e-010	2.11e-009	-2.78e-009	6.31e-009	-1.80e-007	-2.19e-007
	454	2.34e-010	2.11e-009	-3.37e-009	1.06e-007	-1.06e-007	-2.37e-007

	358	2.34e-010	-5.68e-009	-1.95e-009	4.43e-008	-2.77e-007	-2.99e-007
556	440	5.63e-010	-7.62e-009	-1.07e-009	-4.54e-008	-8.49e-008	-2.96e-007
	452	5.63e-010	3.06e-009	-2.21e-009	-1.10e-008	-2.14e-007	-2.62e-007
	453	3.84e-010	3.06e-009	-2.41e-009	5.38e-008	-1.82e-007	-2.36e-007
	441	3.84e-010	-7.62e-009	-1.27e-009	-4.16e-008	-3.63e-007	-2.71e-007
557	439	2.97e-010	-7.76e-009	-9.45e-010	-6.09e-008	-8.57e-008	-3.01e-007
	451	2.97e-010	3.84e-009	-1.05e-009	-2.85e-008	-1.43e-007	-2.83e-007
	452	5.63e-010	3.84e-009	-1.27e-009	3.10e-009	-1.83e-007	-2.74e-007
	440	5.63e-010	-7.76e-009	-1.17e-009	-5.76e-008	-2.58e-007	-2.92e-007
558	438	3.94e-010	-6.52e-009	-4.95e-010	-6.28e-008	6.95e-009	-2.79e-007
	450	3.94e-010	4.39e-009	-3.34e-010	-4.43e-008	-4.74e-008	-2.66e-007
	451	2.97e-010	4.39e-009	-7.26e-010	-2.81e-008	-1.05e-007	-2.84e-007
	439	2.97e-010	-6.52e-009	-8.87e-010	-5.36e-008	-1.22e-007	-2.97e-007
559	437	1.06e-010	-5.17e-009	-3.75e-010	-5.94e-008	1.18e-007	-2.36e-007
	449	1.06e-010	4.92e-009	1.71e-010	-6.19e-008	1.31e-008	-2.24e-007
	450	3.94e-010	4.92e-009	1.26e-010	-3.73e-008	-1.50e-008	-2.60e-007
	438	3.94e-010	-5.17e-009	-4.20e-010	-6.06e-008	-4.79e-008	-2.72e-007
560	436	1.43e-010	-4.07e-009	-1.98e-010	-7.98e-008	9.58e-008	-2.35e-007
	448	1.43e-010	5.24e-009	3.73e-010	-4.05e-008	4.86e-008	-2.29e-007
	449	1.06e-010	5.24e-009	2.56e-010	-2.32e-008	1.55e-008	-2.23e-007
	437	1.06e-010	-4.07e-009	-3.15e-010	-8.64e-008	-4.50e-008	-2.28e-007
561	435	2.56e-011	-2.41e-009	-3.45e-010	-6.33e-008	1.52e-007	-2.30e-007
	447	2.56e-011	5.55e-009	5.19e-010	-3.66e-008	1.55e-007	-2.32e-007
	448	1.43e-010	5.55e-009	5.81e-010	-3.24e-008	7.73e-008	-2.33e-007
	436	1.43e-010	-2.41e-009	-2.83e-010	-7.27e-008	8.08e-008	-2.30e-007
562	434	6.73e-011	-1.66e-010	-2.89e-010	-4.91e-008	2.76e-007	-2.12e-007
	446	6.73e-011	5.82e-009	6.15e-010	-3.94e-008	2.69e-007	-2.10e-007
	447	2.56e-011	5.82e-009	5.48e-010	-4.07e-008	1.91e-007	-2.29e-007
	435	2.56e-011	-1.66e-010	-3.56e-010	-4.45e-008	2.21e-007	-2.30e-007
563	433	2.70e-011	1.72e-009	-1.92e-010	-4.32e-008	4.01e-007	-1.81e-007
	445	2.70e-011	6.07e-009	6.59e-010	-5.11e-008	3.43e-007	-1.73e-007
	446	6.73e-011	6.07e-009	6.18e-010	-3.72e-008	2.99e-007	-2.01e-007
	434	6.73e-011	1.72e-009	-2.33e-010	-4.11e-008	2.98e-007	-2.10e-007
564	432	7.73e-011	3.15e-009	-1.85e-010	-6.72e-008	4.09e-007	-1.85e-007
	444	7.73e-011	6.32e-009	6.41e-010	-3.82e-008	3.92e-007	-1.76e-007
	445	2.70e-011	6.32e-009	6.60e-010	-2.51e-008	3.50e-007	-1.70e-007
	433	2.70e-011	3.15e-009	-1.66e-010	-6.21e-008	3.19e-007	-1.79e-007
565	431	1.01e-010	4.95e-009	-2.56e-010	-7.39e-008	4.79e-007	-1.83e-007
	443	1.01e-010	6.56e-009	7.69e-010	-4.26e-008	4.97e-007	-1.75e-007
	444	7.73e-011	6.56e-009	7.71e-010	-3.90e-008	4.19e-007	-1.76e-007
	432	7.73e-011	4.95e-009	-2.54e-010	-6.11e-008	4.41e-007	-1.85e-007
566	430	2.47e-010	7.58e-009	-9.12e-013	-6.76e-008	6.64e-007	-1.40e-007
	442	2.47e-010	6.67e-009	8.83e-010	-8.41e-008	6.03e-007	-1.20e-007
	443	1.01e-010	6.67e-009	7.32e-010	-6.22e-008	5.41e-007	-1.64e-007
	431	1.01e-010	7.58e-009	-1.52e-010	-5.16e-008	5.68e-007	-1.83e-007
567	284	1.91e-010	9.19e-009	6.52e-010	-3.94e-008	7.16e-007	-6.67e-009
	318	1.91e-010	6.43e-009	8.33e-010	-1.30e-007	5.63e-007	7.23e-011
	442	2.47e-010	6.43e-009	6.22e-010	-1.06e-007	6.35e-007	-9.66e-008
	430	2.47e-010	9.19e-009	4.40e-010	-5.00e-008	6.76e-007	-1.03e-007
568	427	1.22e-010	-1.99e-009	-1.83e-010	6.71e-009	-2.81e-007	-3.36e-007
	441	1.22e-010	-5.68e-009	-1.00e-009	-3.91e-008	-3.82e-007	-2.98e-007
	358	-5.92e-010	-5.68e-009	-1.63e-009	5.64e-008	-9.59e-008	-3.18e-007
	429	-5.92e-010	-1.99e-009	-8.11e-010	2.79e-008	-1.71e-007	-3.56e-007
569	425	7.73e-010	-3.41e-009	-9.63e-010	-1.10e-008	-3.28e-007	-2.93e-007
	440	7.73e-010	-7.62e-009	-1.54e-009	-9.23e-008	-4.36e-007	-2.78e-007
	441	1.22e-010	-7.62e-009	-9.13e-010	-8.89e-009	-2.18e-007	-2.98e-007
	427	1.22e-010	-3.41e-009	-3.31e-010	-4.94e-008	-3.01e-007	-3.12e-007
570	423	1.16e-011	-4.08e-009	-1.76e-009	-4.65e-009	-3.53e-007	-2.76e-007
	439	1.16e-011	-7.76e-009	-8.42e-010	-9.91e-008	-4.89e-007	-2.75e-007
	440	7.73e-010	-7.76e-009	-1.33e-009	-3.02e-008	-2.18e-007	-2.82e-007

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	380	5.14e-010	1.96e-009	-1.69e-009	3.03e-008	2.90e-007	3.28e-007
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	397	-3.59e-010	8.65e-009	-3.03e-010	1.23e-008	8.37e-008	2.97e-007
	398	-3.22e-012	8.65e-009	3.44e-010	6.42e-009	1.71e-007	3.15e-007
	378	-3.22e-012	1.78e-009	-9.67e-010	2.75e-008	1.59e-007	3.20e-007
602	374	-1.21e-010	1.48e-009	5.20e-010	4.36e-008	4.84e-009	3.03e-007
	396	-1.21e-010	1.25e-008	-8.76e-010	7.34e-008	-4.57e-008	2.80e-007
	397	-3.59e-010	1.25e-008	-2.08e-009	1.47e-008	6.24e-008	2.75e-007
	376	-3.59e-010	1.48e-009	-6.85e-010	4.06e-008	1.97e-008	2.98e-007
603	372	3.95e-010	1.64e-009	-7.13e-010	1.96e-008	-7.37e-009	3.31e-007
	395	3.95e-010	9.82e-009	-2.20e-009	1.09e-008	1.75e-009	3.61e-007
	396	-1.21e-010	9.82e-009	-9.84e-010	5.97e-008	-2.68e-008	3.31e-007
	374	-1.21e-010	1.64e-009	5.02e-010	5.10e-008	2.70e-008	3.01e-007
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	394	-3.50e-011	1.39e-008	3.32e-010	3.46e-009	-1.14e-007	3.62e-007
	395	3.95e-010	1.39e-008	-2.42e-010	4.68e-009	-2.91e-008	3.51e-007
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	394	-3.50e-011	1.66e-008	1.90e-010	-3.35e-009	-1.44e-007	3.66e-007
	370	-3.50e-011	1.50e-009	-9.56e-010	-1.68e-008	-1.55e-007	3.53e-007
606	298	3.58e-009	-3.49e-010	7.75e-010	-7.19e-008	-3.18e-007	3.89e-007
	292	3.58e-009	2.26e-008	-4.36e-009	-3.05e-007	-4.07e-007	4.85e-007
	393	-9.51e-010	2.26e-008	-4.42e-009	-3.12e-008	-2.14e-007	4.55e-007
	368	-9.51e-010	-3.49e-010	7.15e-010	-9.08e-008	-2.60e-007	3.60e-007
607	391	5.27e-011	7.10e-009	-7.54e-010	-1.59e-007	6.11e-007	2.38e-007
	390	5.27e-011	2.36e-009	1.98e-010	-1.54e-007	6.18e-007	1.15e-007
	392	6.54e-010	2.36e-009	-7.36e-010	-3.37e-007	4.28e-007	7.74e-008
	363	6.54e-010	7.10e-009	-1.69e-009	-3.55e-007	4.85e-007	1.99e-007
608	389	-6.82e-010	8.19e-009	-7.23e-010	-1.50e-010	6.31e-007	2.85e-007
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	390	5.27e-011	3.18e-009	1.73e-010	-1.32e-007	6.49e-007	1.85e-007
	391	5.27e-011	8.19e-009	-4.68e-010	-5.71e-008	7.41e-007	2.29e-007
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	388	-6.82e-010	2.95e-009	-1.25e-009	-6.77e-009	6.04e-007	2.69e-007
	389	-6.82e-010	6.13e-009	-4.25e-010	3.15e-009	6.03e-007	2.78e-007
610	385	6.72e-010	3.20e-009	-4.47e-010	4.46e-008	3.75e-007	2.74e-007
	384	6.72e-010	2.69e-009	-1.27e-009	3.99e-008	3.58e-007	2.61e-007
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	387	-1.10e-011	3.20e-009	-8.58e-011	1.18e-008	4.07e-007	2.87e-007
611	383	-6.48e-011	1.32e-009	-1.35e-010	5.43e-008	2.47e-007	2.61e-007
	382	-6.48e-011	2.25e-009	4.37e-010	1.08e-007	3.02e-007	2.44e-007
	384	6.72e-010	2.25e-009	-4.24e-011	5.14e-008	3.03e-007	2.60e-007
	385	6.72e-010	1.32e-009	-6.15e-010	6.00e-008	3.38e-007	2.76e-007
612	381	-7.76e-010	8.34e-010	-7.09e-010	1.04e-007	2.94e-007	2.99e-007
	380	-7.76e-010	2.42e-009	-1.28e-010	6.08e-008	3.13e-007	3.03e-007
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	383	-6.48e-011	8.34e-010	-1.69e-010	1.26e-007	4.15e-007	2.60e-007
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	378	1.50e-011	1.96e-009	-1.01e-009	2.65e-008	2.04e-007	3.30e-007
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	376	5.17e-010	1.78e-009	-1.37e-009	3.09e-008	6.22e-008	3.08e-007
	378	1.50e-011	1.78e-009	-1.05e-009	5.30e-008	1.55e-007	3.22e-007
	379	1.50e-011	-4.20e-009	-1.02e-010	3.14e-008	1.14e-007	3.17e-007
615	375	-3.27e-011	-6.29e-009	-2.17e-010	1.70e-008	-4.44e-008	2.87e-007
	374	-3.27e-011	1.48e-009	-8.52e-011	7.00e-008	-3.96e-010	2.82e-007
	376	5.17e-010	1.48e-009	-4.39e-010	3.72e-008	1.85e-008	3.01e-007

	377	5.17e-010	-6.29e-009	-5.70e-010	3.43e-008	3.89e-008	3.06e-007
616	373	-5.77e-010	-7.13e-009	-6.46e-010	5.29e-008	-3.26e-009	3.22e-007
	372	-5.77e-010	1.64e-009	-5.17e-010	2.33e-008	7.11e-009	3.27e-007
	374	-3.27e-011	1.64e-009	-1.03e-010	1.77e-008	3.78e-008	2.93e-007
	375	-3.27e-011	-7.13e-009	-2.32e-010	7.44e-008	9.16e-008	2.88e-007
617	371	-4.51e-011	-9.22e-009	-1.18e-010	1.79e-008	-6.78e-008	3.36e-007
	370	-4.51e-011	1.31e-009	-1.09e-009	-1.89e-008	-1.03e-007	3.56e-007
	372	-5.77e-010	1.31e-009	-1.48e-009	2.90e-008	-1.38e-008	3.42e-007
	373	-5.77e-010	-9.22e-009	-5.15e-010	3.32e-008	-3.01e-008	3.21e-007
618	369	1.32e-009	-1.23e-008	-8.93e-010	-6.49e-008	-2.13e-007	3.16e-007
	368	1.32e-009	1.50e-009	-1.61e-009	-5.27e-008	-2.25e-007	3.43e-007
	370	-4.51e-011	1.50e-009	-9.37e-010	-2.68e-010	-1.58e-007	3.59e-007
	371	-4.51e-011	-1.23e-008	-2.22e-010	-3.27e-008	-1.91e-007	3.32e-007
619	289	1.14e-009	-1.39e-008	8.52e-010	-1.16e-007	-3.80e-007	3.14e-007
	298	1.14e-009	-3.49e-010	2.16e-009	-8.56e-008	-2.92e-007	3.31e-007
	368	1.32e-009	-3.49e-010	4.18e-010	-8.35e-008	-2.73e-007	3.46e-007
	369	1.32e-009	-1.39e-008	-8.86e-010	-6.26e-008	-2.03e-007	3.28e-007
620	353	-7.73e-010	-8.07e-009	4.50e-010	-2.67e-008	-3.44e-007	3.72e-007
	297	-7.73e-010	-1.14e-008	1.39e-009	-5.70e-008	-3.37e-007	3.59e-007
	289	-1.37e-010	-1.14e-008	7.76e-010	-5.84e-008	-5.53e-007	3.70e-007
	355	-1.37e-010	-8.07e-009	-1.69e-010	-7.59e-008	-5.58e-007	3.83e-007
621	351	-9.90e-012	-6.71e-009	1.06e-009	-4.96e-008	-6.87e-008	3.24e-007
	295	-9.90e-012	-8.11e-009	8.86e-010	-5.50e-008	-1.00e-008	3.15e-007
	297	-7.73e-010	-8.11e-009	1.32e-009	-7.75e-008	-2.93e-007	3.54e-007
	353	-7.73e-010	-6.71e-009	1.50e-009	-6.04e-008	-2.75e-007	3.63e-007
622	281	8.55e-010	-5.40e-009	1.17e-009	-6.39e-008	8.45e-008	2.59e-007
	201	8.55e-010	-6.28e-009	6.80e-010	-9.99e-008	9.69e-008	2.58e-007
	295	-9.90e-012	-6.28e-009	6.94e-010	-1.00e-007	-2.09e-008	2.91e-007
	351	-9.90e-012	-5.40e-009	1.19e-009	-6.91e-008	-3.34e-008	2.92e-007
623	354	2.69e-010	-5.57e-009	2.14e-009	-3.89e-009	-3.78e-007	3.53e-007
	353	2.69e-010	-8.07e-009	9.77e-011	-4.94e-008	-3.62e-007	3.70e-007
	355	-5.03e-010	-8.07e-009	-1.20e-009	1.87e-010	-5.42e-007	3.72e-007
	288	-5.03e-010	-5.57e-009	8.33e-010	-1.42e-008	-5.29e-007	3.55e-007
624	352	6.09e-011	-3.90e-009	-6.24e-010	-9.80e-009	-1.50e-007	3.03e-007
	351	6.09e-011	-6.71e-009	4.32e-010	-7.23e-008	-9.86e-008	3.21e-007
	353	2.69e-010	-6.71e-009	1.15e-009	-3.13e-008	-2.68e-007	3.63e-007
	354	2.69e-010	-3.90e-009	9.40e-011	-1.04e-008	-2.90e-007	3.45e-007
625	200	2.17e-010	-3.34e-009	2.72e-010	-1.42e-008	4.12e-008	2.44e-007
	281	2.17e-010	-5.40e-009	1.41e-009	-6.63e-008	7.44e-008	2.43e-007
	351	6.09e-011	-5.40e-009	5.54e-010	-6.56e-008	-4.24e-008	2.91e-007
	352	6.09e-011	-3.34e-009	-5.87e-010	-1.63e-008	-7.01e-008	2.91e-007
626	347	-2.23e-010	-2.72e-008	-2.37e-010	4.50e-008	-2.72e-007	2.75e-007
	350	-2.23e-010	-2.78e-008	2.02e-009	7.48e-009	-2.52e-007	2.80e-007
	283	-2.56e-010	-2.78e-008	8.23e-010	2.56e-008	-2.70e-007	2.94e-007
	348	-2.56e-010	-2.72e-008	-1.43e-009	3.86e-008	-2.75e-007	2.89e-007
627	346	-6.24e-011	-2.69e-008	2.03e-010	5.57e-008	-2.55e-007	2.42e-007
	349	-6.24e-011	-3.00e-008	-2.34e-010	8.83e-010	-2.29e-007	2.41e-007
	350	-2.23e-010	-3.00e-008	2.91e-010	1.17e-008	-2.49e-007	2.70e-007
	347	-2.23e-010	-2.69e-008	7.27e-010	4.16e-008	-2.72e-007	2.71e-007
628	271	-9.43e-011	-2.67e-008	7.75e-010	6.75e-008	-2.50e-007	2.04e-007
	195	-9.43e-011	-3.12e-008	2.11e-010	1.97e-008	-2.20e-007	1.97e-007
	349	-6.24e-011	-3.12e-008	-1.95e-010	8.12e-009	-2.40e-007	2.28e-007
	346	-6.24e-011	-2.67e-008	3.69e-010	5.60e-008	-2.51e-007	2.36e-007
629	345	5.80e-010	-2.54e-008	3.09e-010	6.31e-008	-2.88e-007	2.75e-007
	347	5.80e-010	-2.72e-008	-5.30e-010	4.79e-008	-2.76e-007	2.75e-007
	348	-1.02e-010	-2.72e-008	-8.44e-010	4.46e-008	-2.78e-007	2.90e-007
	282	-1.02e-010	-2.54e-008	-5.00e-012	6.68e-008	-2.82e-007	2.90e-007
630	344	-6.98e-011	-2.49e-008	1.50e-010	8.35e-008	-3.02e-007	2.51e-007
	346	-6.98e-011	-2.69e-008	3.27e-010	6.39e-008	-2.65e-007	2.45e-007
	347	5.80e-010	-2.69e-008	4.35e-010	4.77e-008	-2.75e-007	2.68e-007

	345	5.80e-010	-2.49e-008	2.58e-010	7.45e-008	-2.62e-007	2.74e-007
631	194	-1.49e-010	-2.42e-008	1.62e-010	1.14e-007	-2.84e-007	2.14e-007
	271	-1.49e-010	-2.67e-008	6.04e-010	7.74e-008	-2.61e-007	2.10e-007
	346	-6.98e-011	-2.67e-008	4.93e-010	6.27e-008	-2.52e-007	2.34e-007
	344	-6.98e-011	-2.42e-008	5.00e-011	1.10e-007	-2.47e-007	2.37e-007
632	342	-2.10e-011	-1.87e-008	-2.39e-010	5.61e-008	7.07e-008	2.84e-007
	345	-2.10e-011	-2.54e-008	-6.07e-011	7.04e-008	1.20e-007	2.79e-007
	282	-2.09e-012	-2.54e-008	-1.29e-010	3.77e-008	2.96e-008	2.76e-007
	343	-2.09e-012	-1.87e-008	-3.07e-010	7.62e-008	8.41e-008	2.80e-007
633	341	-6.09e-011	-1.84e-008	-2.05e-010	8.69e-008	1.04e-007	2.77e-007
	344	-6.09e-011	-2.49e-008	1.38e-011	7.69e-008	1.26e-007	2.67e-007
	345	-2.10e-011	-2.49e-008	-3.79e-012	6.78e-008	6.50e-008	2.74e-007
	342	-2.10e-011	-1.84e-008	-2.23e-010	6.81e-008	7.75e-008	2.83e-007
634	264	-9.72e-011	-1.78e-008	4.10e-012	1.05e-007	1.33e-007	2.33e-007
	194	-9.72e-011	-2.42e-008	1.63e-010	1.16e-007	1.38e-007	2.23e-007
	344	-6.09e-011	-2.42e-008	2.40e-011	1.06e-007	1.41e-007	2.51e-007
	341	-6.09e-011	-1.78e-008	-1.35e-010	7.57e-008	1.17e-007	2.61e-007
635	340	-6.25e-011	-1.22e-008	-4.61e-010	4.82e-008	7.26e-008	2.99e-007
	342	-6.25e-011	-1.87e-008	-3.71e-010	5.57e-008	6.86e-008	2.90e-007
	343	1.18e-012	-1.87e-008	-3.72e-010	3.89e-008	8.59e-008	2.97e-007
	290	1.18e-012	-1.22e-008	-4.62e-010	4.01e-008	7.29e-008	3.06e-007
636	339	-6.53e-011	-1.19e-008	-4.63e-010	6.42e-008	8.54e-008	2.83e-007
	341	-6.53e-011	-1.84e-008	-3.54e-010	5.85e-008	9.53e-008	2.79e-007
	342	-6.25e-011	-1.84e-008	-3.54e-010	6.43e-008	7.97e-008	2.91e-007
	340	-6.25e-011	-1.19e-008	-4.64e-010	4.76e-008	7.33e-008	2.95e-007
637	202	-1.17e-010	-1.15e-008	-4.18e-010	7.05e-008	1.15e-007	2.49e-007
	264	-1.17e-010	-1.78e-008	-2.32e-010	9.77e-008	1.25e-007	2.40e-007
	341	-6.53e-011	-1.78e-008	-2.83e-010	7.82e-008	1.07e-007	2.64e-007
	339	-6.53e-011	-1.15e-008	-4.69e-010	5.50e-008	9.19e-008	2.73e-007
638	337	-6.39e-011	-4.93e-009	-6.64e-010	2.12e-008	6.30e-008	3.05e-007
	340	-6.39e-011	-1.22e-008	-5.67e-010	3.90e-008	6.99e-008	3.00e-007
	290	-1.09e-011	-1.22e-008	-5.65e-010	2.56e-008	6.87e-008	3.09e-007
	338	-1.09e-011	-4.93e-009	-6.63e-010	2.19e-008	6.13e-008	3.14e-007
639	336	-9.43e-011	-4.78e-009	-6.70e-010	3.10e-008	7.01e-008	2.88e-007
	339	-9.43e-011	-1.19e-008	-5.70e-010	3.83e-008	7.86e-008	2.86e-007
	340	-6.39e-011	-1.19e-008	-5.70e-010	4.20e-008	7.04e-008	2.96e-007
	337	-6.39e-011	-4.78e-009	-6.70e-010	2.22e-008	6.24e-008	2.98e-007
640	257	-1.19e-010	-4.57e-009	-7.13e-010	2.38e-008	9.17e-008	2.56e-007
	202	-1.19e-010	-1.15e-008	-5.99e-010	6.33e-008	1.06e-007	2.52e-007
	339	-9.43e-011	-1.15e-008	-5.77e-010	5.10e-008	8.41e-008	2.73e-007
	336	-9.43e-011	-4.57e-009	-6.91e-010	2.16e-008	7.34e-008	2.77e-007
641	334	-5.20e-011	2.32e-009	-7.47e-010	-4.06e-009	4.94e-008	3.03e-007
	337	-5.20e-011	-4.93e-009	-7.16e-010	1.45e-008	5.69e-008	3.05e-007
	338	-2.58e-011	-4.93e-009	-7.12e-010	1.11e-008	5.80e-008	3.15e-007
	335	-2.58e-011	2.32e-009	-7.42e-010	2.38e-009	4.93e-008	3.14e-007
642	333	-7.15e-011	2.30e-009	-7.67e-010	-4.56e-009	5.37e-008	2.85e-007
	336	-7.15e-011	-4.78e-009	-7.28e-010	6.86e-009	6.21e-008	2.88e-007
	337	-5.20e-011	-4.78e-009	-7.22e-010	1.46e-008	5.95e-008	2.99e-007
	334	-5.20e-011	2.30e-009	-7.60e-010	-5.94e-009	4.99e-008	2.97e-007
643	253	-6.99e-011	2.27e-009	-8.53e-010	-2.59e-008	6.53e-008	2.53e-007
	257	-6.99e-011	-4.57e-009	-8.04e-010	1.53e-008	8.08e-008	2.55e-007
	336	-7.15e-011	-4.57e-009	-7.49e-010	1.45e-008	6.67e-008	2.76e-007
	333	-7.15e-011	2.27e-009	-7.98e-010	-1.70e-008	5.76e-008	2.74e-007
644	332	-3.75e-011	9.55e-009	-6.66e-010	-3.02e-008	3.43e-008	2.94e-007
	334	-3.75e-011	2.32e-009	-7.41e-010	-1.12e-008	4.27e-008	3.01e-007
	335	-3.18e-011	2.32e-009	-7.33e-010	-5.84e-009	4.57e-008	3.12e-007
	291	-3.18e-011	9.55e-009	-6.57e-010	-1.75e-008	3.78e-008	3.05e-007
645	331	-4.11e-011	9.36e-009	-6.88e-010	-4.04e-008	3.59e-008	2.75e-007
	333	-4.11e-011	2.30e-009	-7.66e-010	-2.89e-008	4.52e-008	2.83e-007
	334	-3.75e-011	2.30e-009	-7.55e-010	-1.40e-008	4.66e-008	2.95e-007

	332	-3.75e-011	9.36e-009	-6.77e-010	-3.54e-008	3.63e-008	2.87e-007
646	203	-1.83e-011	9.11e-009	-7.60e-010	-7.55e-008	3.76e-008	2.41e-007
	253	-1.83e-011	2.27e-009	-8.47e-010	-3.41e-008	5.42e-008	2.49e-007
	333	-4.11e-011	2.27e-009	-7.97e-010	-2.50e-008	5.07e-008	2.71e-007
	331	-4.11e-011	9.11e-009	-7.11e-010	-5.66e-008	4.15e-008	2.63e-007
647	329	-1.77e-011	1.61e-008	-5.65e-010	-5.51e-008	1.56e-008	2.79e-007
	332	-1.77e-011	9.55e-009	-5.90e-010	-3.72e-008	2.82e-008	2.90e-007
	291	-2.47e-011	9.55e-009	-5.81e-010	-2.62e-008	3.39e-008	3.00e-007
	330	-2.47e-011	1.61e-008	-5.56e-010	-3.59e-008	3.21e-008	2.89e-007
648	328	-1.51e-011	1.57e-008	-5.93e-010	-7.21e-008	1.29e-008	2.59e-007
	331	-1.51e-011	9.36e-009	-6.14e-010	-6.38e-008	2.80e-008	2.70e-007
	332	-1.77e-011	9.36e-009	-6.01e-010	-4.45e-008	3.23e-008	2.83e-007
	329	-1.77e-011	1.57e-008	-5.80e-010	-6.13e-008	2.85e-008	2.72e-007
649	246	4.42e-012	1.53e-008	-6.22e-010	-1.18e-007	1.55e-008	2.24e-007
	203	4.42e-012	9.11e-009	-6.60e-010	-8.32e-008	2.81e-008	2.36e-007
	331	-1.51e-011	9.11e-009	-6.37e-010	-6.48e-008	3.39e-008	2.57e-007
	328	-1.51e-011	1.53e-008	-6.00e-010	-9.15e-008	2.40e-008	2.45e-007
650	327	-8.52e-012	2.25e-008	-1.74e-010	-7.07e-008	4.09e-008	2.65e-007
	329	-8.52e-012	1.61e-008	-4.65e-010	-7.05e-008	1.27e-008	2.79e-007
	330	-1.36e-011	1.61e-008	-4.57e-010	-3.54e-008	2.56e-008	2.89e-007
	287	-1.36e-011	2.25e-008	-1.66e-010	-6.56e-008	-1.60e-008	2.75e-007
651	326	-1.11e-012	2.21e-008	-1.90e-010	-9.20e-008	3.11e-008	2.43e-007
	328	-1.11e-012	1.57e-008	-5.00e-010	-1.08e-007	7.41e-009	2.58e-007
	329	-8.52e-012	1.57e-008	-4.80e-010	-6.31e-008	2.23e-008	2.73e-007
	327	-8.52e-012	2.21e-008	-1.70e-010	-9.61e-008	-2.26e-008	2.58e-007
652	199	1.38e-011	2.15e-008	-1.51e-010	-1.45e-007	2.35e-008	2.09e-007
	246	1.38e-011	1.53e-008	-4.66e-010	-1.27e-007	1.03e-008	2.20e-007
	328	-1.11e-012	1.53e-008	-5.07e-010	-9.52e-008	1.33e-008	2.43e-007
	326	-1.11e-012	2.15e-008	-1.92e-010	-1.33e-007	-2.36e-008	2.31e-007
653	323	8.38e-011	2.21e-008	9.16e-011	-4.77e-008	2.59e-007	2.33e-007
	327	8.38e-011	2.25e-008	-1.38e-010	-7.52e-008	2.73e-007	2.50e-007
	287	8.19e-011	2.25e-008	-9.72e-011	-5.46e-008	2.89e-007	2.63e-007
	325	8.19e-011	2.21e-008	1.33e-010	-3.71e-008	2.74e-007	2.46e-007
654	321	4.03e-011	2.21e-008	8.30e-011	-5.98e-008	2.48e-007	2.09e-007
	326	4.03e-011	2.21e-008	-1.22e-010	-1.13e-007	2.68e-007	2.27e-007
	327	8.38e-011	2.21e-008	-1.33e-010	-8.23e-008	2.85e-007	2.48e-007
	323	8.38e-011	2.21e-008	7.23e-011	-5.76e-008	2.60e-007	2.30e-007
655	239	5.19e-011	2.20e-008	2.43e-010	-1.00e-007	2.27e-007	1.68e-007
	199	5.19e-011	2.15e-008	-4.34e-011	-1.42e-007	2.58e-007	1.88e-007
	326	4.03e-011	2.15e-008	-1.35e-010	-1.15e-007	2.72e-007	2.20e-007
	321	4.03e-011	2.20e-008	1.51e-010	-7.70e-008	2.51e-007	2.00e-007
656	324	8.35e-012	2.18e-008	-1.57e-010	-6.87e-009	2.41e-007	2.20e-007
	323	8.35e-012	2.21e-008	1.31e-010	-3.36e-008	2.60e-007	2.26e-007
	325	2.87e-010	2.21e-008	1.95e-010	-2.33e-008	2.66e-007	2.39e-007
	286	2.87e-010	2.18e-008	-9.31e-011	-6.72e-009	2.57e-007	2.33e-007
657	322	1.21e-011	2.19e-008	2.85e-011	-2.64e-009	2.17e-007	1.96e-007
	321	1.21e-011	2.21e-008	1.70e-010	-5.51e-008	2.45e-007	2.02e-007
	323	8.35e-012	2.21e-008	1.12e-010	-3.65e-008	2.52e-007	2.23e-007
	324	8.35e-012	2.19e-008	-2.94e-011	-1.08e-008	2.33e-007	2.17e-007
658	198	-3.79e-012	2.23e-008	2.51e-011	-1.80e-008	1.94e-007	1.57e-007
	239	-3.79e-012	2.20e-008	2.47e-010	-6.12e-008	2.23e-007	1.63e-007
	321	1.21e-011	2.20e-008	2.38e-010	-5.34e-008	2.39e-007	1.93e-007
	322	1.21e-011	2.23e-008	1.64e-011	-1.20e-008	2.20e-007	1.87e-007
659	317	-5.59e-014	5.89e-009	9.44e-011	-2.53e-008	3.04e-007	5.27e-008
	320	-5.59e-014	5.29e-009	1.06e-010	-1.12e-008	2.80e-007	1.95e-008
	285	4.83e-010	5.29e-009	8.43e-011	-1.43e-008	4.13e-007	-1.54e-008
	318	4.83e-010	5.89e-009	7.28e-011	-8.26e-008	4.66e-007	1.79e-008
660	316	-1.75e-010	5.18e-009	1.09e-010	1.12e-008	7.77e-008	4.44e-008
	319	-1.75e-010	5.56e-009	-7.69e-011	3.71e-011	9.30e-008	1.60e-008
	320	-5.59e-014	5.56e-009	-4.13e-011	-2.38e-009	2.21e-007	2.36e-008

	317	-5.59e-014	5.18e-009	1.45e-010	-3.80e-008	2.19e-007	5.21e-008
661	229	-1.75e-010	4.39e-009	6.40e-010	2.16e-008	-5.64e-008	-2.67e-009
	197	-1.75e-010	5.51e-009	1.03e-010	1.43e-008	-3.08e-008	-1.35e-008
	319	-1.75e-010	5.51e-009	-1.64e-010	7.24e-009	3.59e-008	1.37e-008
	316	-1.75e-010	4.39e-009	3.73e-010	2.16e-009	1.73e-008	2.45e-008
662	307	5.36e-011	7.32e-009	1.33e-009	-8.74e-008	3.16e-007	7.43e-008
	317	5.36e-011	5.89e-009	6.90e-010	-5.33e-008	3.05e-007	4.99e-008
	318	1.91e-010	5.89e-009	4.89e-010	-9.90e-008	4.88e-007	1.82e-008
	284	1.91e-010	7.32e-009	1.13e-009	-8.58e-008	5.48e-007	4.25e-008
663	306	-9.36e-011	4.12e-009	1.21e-009	-9.80e-008	-1.48e-008	7.12e-008
	316	-9.36e-011	5.18e-009	6.00e-010	3.89e-009	6.30e-008	3.54e-008
	317	5.36e-011	5.18e-009	7.40e-010	-4.58e-008	2.15e-007	4.90e-008
	307	5.36e-011	4.12e-009	1.35e-009	-1.13e-007	2.63e-007	8.48e-008
664	196	-1.92e-010	2.39e-009	7.80e-010	-4.40e-008	-1.05e-007	3.50e-008
	229	-1.92e-010	4.39e-009	7.18e-010	3.28e-008	-6.48e-008	2.20e-009
	316	-9.36e-011	4.39e-009	8.64e-010	6.92e-010	3.26e-010	2.12e-008
	306	-9.36e-011	2.39e-009	9.26e-010	-9.24e-008	9.10e-009	5.40e-008
665	314	1.42e-009	-1.27e-009	-2.97e-009	-4.09e-007	1.28e-007	1.88e-007
	304	1.42e-009	-9.25e-009	-2.45e-009	-3.19e-007	5.61e-008	7.62e-008
	293	-1.33e-008	-1.03e-008	-7.95e-009	-6.32e-007	1.97e-007	1.54e-007
	315	-1.33e-008	-1.27e-009	-7.60e-009	-4.53e-007	1.35e-008	3.03e-007
666	313	2.39e-010	-2.01e-009	-3.00e-009	-2.98e-007	4.04e-008	1.76e-007
	302	2.39e-010	-2.13e-009	-1.84e-009	-2.19e-007	7.46e-009	1.30e-007
	304	1.42e-009	-2.13e-009	-1.76e-009	-3.12e-007	4.21e-008	1.08e-007
	314	1.42e-009	-2.01e-009	-2.92e-009	-3.22e-007	4.36e-008	1.54e-007
667	312	4.47e-009	1.14e-010	-1.97e-009	-2.29e-007	-2.14e-008	2.35e-007
	205	4.47e-009	2.01e-009	-1.57e-009	-1.69e-007	-1.00e-007	2.15e-007
	302	2.39e-010	2.01e-009	-1.60e-009	-2.07e-007	6.64e-009	1.55e-007
	313	2.39e-010	1.14e-010	-2.00e-009	-2.61e-007	-3.29e-009	1.75e-007
668	310	-4.07e-010	8.04e-010	-5.56e-009	-4.10e-007	8.98e-009	2.48e-007
	314	-4.07e-010	-1.27e-009	-5.71e-009	-3.70e-007	8.82e-008	2.16e-007
	315	5.66e-010	-1.27e-009	-1.13e-009	-4.41e-007	-1.59e-009	2.71e-007
	311	5.66e-010	8.04e-010	-9.83e-010	-4.21e-007	-8.45e-009	3.03e-007
669	309	-3.62e-010	8.07e-010	-3.95e-009	-3.23e-007	3.96e-008	2.27e-007
	313	-3.62e-010	-2.01e-009	-4.03e-009	-2.83e-007	4.90e-008	1.77e-007
	314	-4.07e-010	-2.01e-009	-5.66e-009	-3.78e-007	3.53e-008	1.85e-007
	310	-4.07e-010	8.07e-010	-5.59e-009	-3.57e-007	3.20e-008	2.35e-007
670	308	9.71e-010	-6.16e-010	-6.08e-010	-2.61e-007	-2.08e-009	2.38e-007
	312	9.71e-010	1.14e-010	-5.86e-010	-2.32e-007	-5.80e-009	2.19e-007
	313	-3.62e-010	1.14e-010	-3.03e-009	-2.80e-007	2.35e-009	1.98e-007
	309	-3.62e-010	-6.16e-010	-3.05e-009	-2.78e-007	2.25e-008	2.17e-007
671	300	-1.72e-009	6.29e-009	-1.75e-009	-3.55e-007	1.99e-008	3.88e-007
	310	-1.72e-009	8.04e-010	-2.68e-009	-4.19e-007	8.18e-009	2.79e-007
	311	1.30e-008	8.04e-010	-6.56e-009	-4.38e-007	-6.00e-008	3.46e-007
	292	1.30e-008	7.20e-009	-6.49e-009	-6.38e-007	-1.91e-007	4.63e-007
672	299	-4.40e-010	-2.51e-010	-1.96e-009	-2.65e-007	3.10e-008	2.85e-007
	309	-4.40e-010	8.07e-010	-3.06e-009	-3.01e-007	3.88e-008	2.37e-007
	310	-1.72e-009	8.07e-010	-2.71e-009	-3.85e-007	1.99e-008	2.75e-007
	300	-1.72e-009	-2.51e-010	-1.62e-009	-3.07e-007	-3.17e-008	3.23e-007
673	204	-3.59e-009	-4.65e-009	-2.93e-009	-2.41e-007	6.18e-008	2.59e-007
	308	-3.59e-009	-6.16e-010	-2.64e-009	-2.60e-007	6.06e-009	2.50e-007
	309	-4.40e-010	-6.16e-010	-2.15e-009	-2.84e-007	2.28e-008	2.46e-007
	299	-4.40e-010	-4.65e-009	-2.44e-009	-2.50e-007	-2.88e-008	2.56e-007
674	303	6.46e-010	-2.51e-009	4.22e-009	-2.15e-007	2.96e-008	1.19e-008
	307	6.46e-010	7.32e-009	1.90e-009	-6.52e-008	2.67e-007	2.68e-008
	284	-1.36e-009	7.32e-009	1.51e-009	-1.21e-007	-1.75e-007	-9.30e-009
	305	-1.36e-009	-2.51e-009	3.83e-009	-1.17e-007	1.14e-007	-2.42e-008
675	301	6.56e-010	2.87e-010	2.62e-009	-2.13e-007	-3.39e-008	5.85e-008
	306	6.56e-010	4.12e-009	1.38e-009	-7.48e-008	1.99e-007	5.84e-008
	307	6.46e-010	4.12e-009	2.00e-009	-1.75e-007	-2.67e-007	2.68e-008

	303	6.46e-010	2.87e-010	3.24e-009	-1.13e-007	9.64e-009	2.68e-008
676	222	8.45e-010	2.56e-009	1.24e-009	-7.89e-008	-6.40e-008	7.29e-008
	196	8.45e-010	2.39e-009	4.60e-010	-3.55e-008	5.01e-008	3.55e-008
	306	6.56e-010	2.39e-009	1.21e-009	-1.39e-007	-1.74e-007	3.44e-008
	301	6.56e-010	2.56e-009	1.99e-009	-1.19e-007	-5.89e-008	7.17e-008
677	304	5.53e-010	-8.85e-009	-8.14e-010	-2.66e-007	3.63e-008	9.63e-008
	303	5.53e-010	-2.51e-009	3.50e-009	-1.81e-007	2.26e-008	5.54e-008
	305	-4.00e-009	-2.51e-009	2.05e-009	-1.91e-007	1.47e-007	-1.19e-008
	293	-4.00e-009	-9.19e-009	-2.52e-009	-3.51e-007	2.62e-007	4.96e-009
678	302	7.71e-010	-2.13e-009	-6.90e-010	-2.13e-007	-1.41e-008	1.18e-007
	301	7.71e-010	2.87e-010	1.90e-009	-1.62e-007	-4.61e-008	1.00e-007
	303	5.53e-010	2.87e-010	2.52e-009	-1.69e-007	3.68e-008	6.61e-008
	304	5.53e-010	-2.13e-009	-7.34e-011	-2.57e-007	5.28e-008	8.36e-008
679	205	2.29e-009	2.01e-009	-9.25e-010	-1.05e-007	-1.07e-007	1.51e-007
	222	2.29e-009	2.56e-009	7.88e-010	-7.53e-008	-8.18e-008	1.17e-007
	301	7.71e-010	2.56e-009	1.27e-009	-1.31e-007	-3.99e-008	1.06e-007
	302	7.71e-010	2.01e-009	-4.46e-010	-1.78e-007	-3.24e-009	1.40e-007
680	296	-6.69e-010	-1.51e-009	3.23e-009	-1.91e-007	-6.94e-008	3.62e-007
	300	-6.69e-010	5.91e-009	-1.98e-010	-3.01e-007	-5.24e-008	3.90e-007
	292	3.58e-009	6.22e-009	-1.76e-009	-2.80e-007	-1.64e-007	4.42e-007
	298	3.58e-009	-1.51e-009	1.91e-009	-1.67e-007	-2.32e-007	4.23e-007
681	294	-8.83e-010	-3.77e-009	1.55e-009	-1.69e-007	-7.78e-009	3.15e-007
	299	-8.83e-010	-2.51e-010	-8.86e-010	-2.58e-007	1.63e-008	2.90e-007
	300	-6.69e-010	-2.51e-010	-9.81e-012	-2.99e-007	-3.88e-008	3.47e-007
	296	-6.69e-010	-3.77e-009	2.43e-009	-1.97e-007	-9.38e-008	3.71e-007
682	212	-2.71e-009	-6.33e-009	7.34e-010	-1.37e-007	3.32e-009	2.42e-007
	204	-2.71e-009	-4.65e-009	-1.82e-009	-1.56e-007	6.37e-008	2.17e-007
	299	-8.83e-010	-4.65e-009	-1.36e-009	-2.30e-007	-4.30e-008	2.75e-007
	294	-8.83e-010	-6.33e-009	1.20e-009	-1.61e-007	-4.35e-008	3.01e-007
683	297	-5.28e-010	-1.14e-008	1.70e-009	-1.13e-007	-3.09e-007	3.40e-007
	296	-5.28e-010	-1.51e-009	3.76e-009	-1.30e-007	-8.75e-008	3.49e-007
	298	1.14e-009	-1.51e-009	3.29e-009	-1.75e-007	-2.18e-007	3.48e-007
	289	1.14e-009	-1.14e-008	1.24e-009	-4.28e-008	4.65e-009	3.39e-007
684	295	-3.53e-010	-8.11e-009	1.16e-009	-1.02e-007	-2.06e-007	3.18e-007
	294	-3.53e-010	-3.77e-009	2.31e-009	-1.31e-007	-3.47e-008	3.13e-007
	296	-5.28e-010	-3.77e-009	2.96e-009	-1.99e-007	-7.98e-008	3.34e-007
	297	-5.28e-010	-8.11e-009	1.80e-009	-4.91e-008	6.28e-008	3.39e-007
685	201	-9.33e-010	-6.28e-009	4.59e-010	-1.20e-007	-1.14e-007	2.43e-007
	212	-9.33e-010	-6.33e-009	1.43e-009	-1.20e-007	-2.72e-008	2.47e-007
	294	-3.53e-010	-6.33e-009	1.96e-009	-1.52e-007	-4.03e-008	2.95e-007
	295	-3.53e-010	-6.28e-009	9.83e-010	-7.50e-008	-3.73e-009	2.92e-007
687	279	3.47e-010	-5.24e-009	-3.71e-010	-8.38e-008	1.19e-007	1.66e-007
	211	3.47e-010	-6.20e-009	2.89e-011	-8.81e-008	1.47e-007	1.58e-007
	201	8.55e-010	-6.20e-009	5.31e-010	-1.07e-007	1.87e-007	2.26e-007
	281	8.55e-010	-5.24e-009	1.31e-010	-8.57e-008	1.13e-007	2.34e-007
688	277	-2.72e-010	-5.59e-009	-8.57e-010	-7.32e-008	1.25e-008	1.17e-007
	209	-2.72e-010	-7.49e-009	-4.44e-010	-6.69e-008	3.19e-008	1.14e-007
	211	3.47e-010	-7.49e-009	-1.20e-010	-8.86e-008	9.57e-008	1.43e-007
	279	3.47e-010	-5.59e-009	-5.34e-010	-6.25e-008	8.67e-008	1.45e-007
689	275	4.02e-010	-6.41e-009	-2.04e-010	-7.02e-008	-1.36e-007	8.94e-008
	207	4.02e-010	-9.65e-009	-1.66e-010	-1.07e-007	-1.18e-007	1.03e-007
	209	-2.72e-010	-9.65e-009	-4.62e-010	-8.12e-008	-4.58e-008	1.15e-007
	277	-2.72e-010	-6.41e-009	-5.00e-010	-4.34e-008	-4.03e-008	1.02e-007
690	183	6.05e-010	-7.82e-009	-1.35e-009	-1.12e-007	-2.82e-007	4.95e-008
	176	6.05e-010	-1.17e-008	-7.85e-010	-2.41e-007	-3.08e-007	8.73e-008
	207	4.02e-010	-1.17e-008	-2.01e-010	-1.12e-007	-1.22e-007	1.04e-007
	275	4.02e-010	-7.82e-009	-7.67e-010	-9.05e-008	-1.64e-007	6.59e-008
691	280	1.59e-009	3.91e-010	1.24e-009	-1.90e-008	3.58e-008	1.72e-007
	279	1.59e-009	-5.24e-009	-9.23e-010	-7.11e-008	9.83e-008	1.75e-007
	281	2.17e-010	-5.24e-009	3.72e-010	-8.59e-008	8.86e-008	2.24e-007

	200	2.17e-010	3.91e-010	2.53e-009	2.36e-011	2.70e-008	2.21e-007
692	278	9.40e-012	-3.33e-009	1.08e-009	-1.22e-008	-2.48e-008	1.27e-007
	277	9.40e-012	-5.59e-009	-2.01e-010	-5.28e-008	6.72e-009	1.16e-007
	279	1.59e-009	-5.59e-009	-1.09e-009	-6.44e-008	7.34e-008	1.56e-007
	280	1.59e-009	-3.33e-009	1.98e-010	-2.59e-008	3.83e-008	1.66e-007
693	276	-3.53e-010	-1.59e-009	6.38e-011	-4.59e-009	-1.76e-007	7.61e-008
	275	-3.53e-010	-6.41e-009	-1.38e-010	-6.75e-008	-1.41e-007	7.58e-008
	277	9.40e-012	-6.41e-009	1.56e-010	-6.09e-008	-4.60e-008	1.11e-007
	278	9.40e-012	-1.59e-009	3.58e-010	-1.19e-008	-7.02e-008	1.11e-007
694	175	2.25e-009	-5.47e-010	1.19e-009	-2.85e-008	-3.37e-007	1.43e-008
	183	2.25e-009	-7.82e-009	-7.73e-010	-6.86e-008	-2.81e-007	1.72e-008
	275	-3.53e-010	-7.82e-009	-7.01e-010	-7.32e-008	-1.81e-007	6.45e-008
	276	-3.53e-010	-5.47e-010	1.27e-009	-1.69e-008	-2.04e-007	6.16e-008
695	270	8.98e-010	-2.67e-008	1.27e-011	9.64e-008	-2.23e-007	1.59e-007
	274	8.98e-010	-3.33e-008	1.13e-010	1.41e-008	-1.93e-007	1.50e-007
	195	-9.43e-011	-3.33e-008	6.22e-010	9.94e-009	-1.96e-007	1.82e-007
	271	-9.43e-011	-2.67e-008	5.21e-010	8.71e-008	-2.49e-007	1.91e-007
696	269	-4.14e-010	-2.68e-008	1.31e-009	1.27e-007	-2.15e-007	9.35e-008
	273	-4.14e-010	-3.17e-008	1.88e-009	1.92e-008	-1.55e-007	8.36e-008
	274	8.98e-010	-3.17e-008	1.08e-009	3.69e-008	-2.04e-007	1.41e-007
	270	8.98e-010	-2.68e-008	5.00e-010	8.58e-008	-2.42e-007	1.51e-007
697	268	8.82e-010	-2.69e-008	2.60e-009	1.55e-007	-1.72e-007	1.62e-008
	272	8.82e-010	-3.69e-008	3.32e-010	4.88e-008	-1.25e-007	-9.19e-010
	273	-4.14e-010	-3.69e-008	-1.27e-010	2.39e-008	-1.37e-007	5.83e-008
	269	-4.14e-010	-2.69e-008	2.14e-009	1.39e-007	-1.90e-007	7.54e-008
698	181	-2.81e-009	-2.39e-008	-1.55e-009	2.41e-007	-2.16e-007	5.98e-008
	170	-2.81e-009	-4.86e-008	6.77e-009	1.27e-007	-3.99e-007	9.02e-010
	272	8.82e-010	-4.86e-008	7.49e-009	3.38e-008	-7.98e-008	-3.67e-008
	268	8.82e-010	-2.39e-008	-8.31e-010	1.94e-007	-1.99e-007	2.22e-008
699	267	2.45e-010	-2.37e-008	4.43e-010	1.21e-007	-3.40e-007	1.62e-007
	270	2.45e-010	-2.67e-008	5.65e-010	1.22e-007	-2.40e-007	1.50e-007
	271	-1.49e-010	-2.67e-008	3.50e-010	6.48e-008	-2.57e-007	1.94e-007
	194	-1.49e-010	-2.37e-008	2.28e-010	1.45e-007	-2.25e-007	2.07e-007
700	266	6.87e-010	-2.28e-008	8.70e-010	1.69e-007	-3.55e-007	1.11e-007
	269	6.87e-010	-2.68e-008	1.37e-009	1.74e-007	-2.42e-007	9.68e-008
	270	2.45e-010	-2.68e-008	1.05e-009	1.10e-007	-2.40e-007	1.42e-007
	267	2.45e-010	-2.28e-008	5.54e-010	1.76e-007	-1.73e-007	1.56e-007
701	265	-2.97e-009	-2.02e-008	1.87e-009	3.24e-007	-2.87e-007	6.01e-008
	268	-2.97e-009	-2.69e-008	2.85e-009	2.51e-007	-1.88e-007	2.67e-008
	269	6.87e-010	-2.69e-008	2.21e-009	1.43e-007	-1.92e-007	6.67e-008
	266	6.87e-010	-2.02e-008	1.22e-009	2.99e-007	-1.33e-007	1.00e-007
702	169	-1.18e-009	-1.83e-008	-7.77e-010	3.56e-007	-1.66e-007	1.66e-008
	181	-1.18e-009	-2.39e-008	-3.01e-009	2.11e-007	-2.00e-007	2.88e-008
	268	-2.97e-009	-2.39e-008	-5.81e-010	2.13e-007	-1.79e-007	2.52e-008
	265	-2.97e-009	-1.83e-008	1.66e-009	4.04e-007	-2.09e-007	1.30e-008
703	263	-5.19e-011	-1.72e-008	6.56e-011	1.20e-007	1.48e-007	1.97e-007
	267	-5.19e-011	-2.37e-008	2.07e-010	1.45e-007	2.00e-007	1.84e-007
	194	-9.72e-011	-2.37e-008	2.11e-010	1.14e-007	1.38e-007	2.10e-007
	264	-9.72e-011	-1.72e-008	7.04e-011	1.27e-007	1.37e-007	2.23e-007
704	262	3.77e-012	-1.64e-008	3.03e-010	1.84e-007	2.24e-007	1.91e-007
	266	3.77e-012	-2.28e-008	6.27e-010	1.94e-007	2.52e-007	1.62e-007
	267	-5.19e-011	-2.28e-008	3.77e-010	1.47e-007	1.25e-007	1.71e-007
	263	-5.19e-011	-1.64e-008	5.32e-011	1.45e-007	1.40e-007	2.00e-007
705	261	-1.20e-011	-1.53e-008	8.08e-011	1.62e-007	4.36e-007	1.01e-007
	265	-1.20e-011	-2.02e-008	4.38e-010	3.48e-007	5.89e-007	6.93e-008
	266	3.77e-012	-2.02e-008	5.97e-010	2.34e-007	2.24e-007	1.42e-007
	262	3.77e-012	-1.53e-008	2.40e-010	1.81e-007	2.79e-007	1.74e-007
706	193	-6.51e-012	-1.47e-008	-6.68e-010	7.09e-008	3.61e-007	-1.04e-007
	169	-6.51e-012	-1.83e-008	-5.75e-010	3.82e-007	5.86e-007	-8.31e-008
	265	-1.20e-011	-1.83e-008	8.94e-011	3.34e-007	4.15e-007	3.43e-008

	261	-1.20e-011	-1.47e-008	-3.60e-012	1.80e-007	4.81e-007	1.36e-008
707	260	-1.48e-010	-1.10e-008	-4.49e-010	8.61e-008	1.32e-007	2.26e-007
	263	-1.48e-010	-1.72e-008	-1.73e-010	1.18e-007	1.41e-007	2.15e-007
	264	-1.17e-010	-1.72e-008	-1.66e-010	9.09e-008	1.27e-007	2.26e-007
	202	-1.17e-010	-1.10e-008	-4.42e-010	9.15e-008	1.13e-007	2.37e-007
708	259	1.32e-011	-1.06e-008	-5.36e-010	1.05e-007	1.98e-007	2.03e-007
	262	1.32e-011	-1.64e-008	-2.30e-010	1.24e-007	2.07e-007	1.98e-007
	263	-1.48e-010	-1.64e-008	-1.85e-010	1.29e-007	1.46e-007	2.13e-007
	260	-1.48e-010	-1.06e-008	-4.90e-010	8.39e-008	1.35e-007	2.18e-007
709	258	2.17e-010	-1.01e-008	-5.60e-010	7.10e-008	2.99e-007	9.43e-008
	261	2.17e-010	-1.53e-008	-3.16e-010	1.05e-007	3.73e-007	1.09e-007
	262	1.32e-011	-1.53e-008	-2.94e-010	1.54e-007	2.75e-007	1.85e-007
	259	1.32e-011	-1.01e-008	-5.38e-010	6.65e-008	2.46e-007	1.70e-007
710	177	1.30e-010	-9.76e-009	-4.59e-010	3.74e-008	2.54e-007	-8.19e-008
	193	1.30e-010	-1.47e-008	-3.80e-010	1.30e-007	3.05e-007	-8.20e-008
	261	2.17e-010	-1.47e-008	-4.01e-010	1.27e-007	4.31e-007	3.30e-008
	258	2.17e-010	-9.76e-009	-4.80e-010	3.92e-008	3.25e-007	3.31e-008
711	256	-1.00e-010	-4.37e-009	-7.60e-010	3.05e-008	1.08e-007	2.30e-007
	260	-1.00e-010	-1.10e-008	-6.37e-010	6.28e-008	1.24e-007	2.28e-007
	202	-1.19e-010	-1.10e-008	-6.22e-010	5.30e-008	1.07e-007	2.41e-007
	257	-1.19e-010	-4.37e-009	-7.45e-010	3.81e-008	9.42e-008	2.42e-007
712	255	4.52e-011	-4.19e-009	-8.37e-010	2.32e-008	1.48e-007	1.85e-007
	259	4.52e-011	-1.06e-008	-7.33e-010	4.82e-008	1.79e-007	1.93e-007
	260	-1.00e-010	-1.06e-008	-6.78e-010	7.44e-008	1.31e-007	2.24e-007
	256	-1.00e-010	-4.19e-009	-7.82e-010	1.82e-008	1.16e-007	2.16e-007
713	254	1.90e-010	-4.00e-009	-7.66e-010	9.95e-010	1.87e-007	7.49e-008
	258	1.90e-010	-1.01e-008	-6.79e-010	2.36e-008	2.59e-007	8.91e-008
	259	4.52e-011	-1.01e-008	-7.35e-010	6.53e-008	2.22e-007	1.67e-007
	255	4.52e-011	-4.00e-009	-8.22e-010	-3.32e-009	1.76e-007	1.53e-007
714	190	1.16e-010	-3.83e-009	-6.23e-010	-9.13e-009	1.48e-007	-6.71e-008
	177	1.16e-010	-9.76e-009	-5.34e-010	5.30e-008	2.18e-007	-7.59e-008
	258	1.90e-010	-9.76e-009	-5.98e-010	3.21e-008	2.73e-007	2.30e-008
	254	1.90e-010	-3.83e-009	-6.86e-010	-1.15e-008	1.93e-007	3.18e-008
715	252	-3.95e-011	2.25e-009	-8.97e-010	-2.55e-008	7.71e-008	2.22e-007
	256	-3.95e-011	-4.37e-009	-8.49e-010	6.58e-010	9.74e-008	2.27e-007
	257	-6.99e-011	-4.37e-009	-8.35e-010	1.47e-009	8.76e-008	2.44e-007
	253	-6.99e-011	2.25e-009	-8.84e-010	-1.70e-008	6.95e-008	2.39e-007
716	251	3.80e-011	2.21e-009	-9.54e-010	-3.89e-008	9.13e-008	1.70e-007
	255	3.80e-011	-4.19e-009	-9.08e-010	-1.56e-008	1.28e-007	1.79e-007
	256	-3.95e-011	-4.19e-009	-8.72e-010	1.23e-008	1.05e-007	2.17e-007
	252	-3.95e-011	2.21e-009	-9.17e-010	-4.28e-008	8.38e-008	2.08e-007
717	250	7.38e-011	2.18e-009	-8.77e-010	-4.80e-008	9.52e-008	7.24e-008
	254	7.38e-011	-4.00e-009	-8.29e-010	-2.66e-008	1.55e-007	7.73e-008
	255	3.80e-011	-4.00e-009	-8.93e-010	-5.58e-009	1.48e-007	1.47e-007
	251	3.80e-011	2.18e-009	-9.41e-010	-5.60e-008	1.03e-007	1.42e-007
718	189	-3.89e-012	2.20e-009	-7.51e-010	-4.01e-008	5.96e-008	-4.24e-008
	190	-3.89e-012	-3.83e-009	-6.90e-010	6.97e-010	1.15e-007	-5.47e-008
	254	7.38e-011	-3.83e-009	-7.50e-010	-2.04e-008	1.53e-007	2.47e-008
	250	7.38e-011	2.20e-009	-8.11e-010	-5.16e-008	8.81e-008	3.70e-008
719	249	3.12e-012	8.87e-009	-7.93e-010	-8.11e-008	4.29e-008	2.09e-007
	252	3.12e-012	2.25e-009	-8.84e-010	-5.64e-008	6.59e-008	2.19e-007
	253	-1.83e-011	2.25e-009	-8.78e-010	-5.20e-008	6.13e-008	2.36e-007
	203	-1.83e-011	8.87e-009	-7.87e-010	-6.92e-008	4.33e-008	2.27e-007
720	248	2.98e-011	8.63e-009	-8.40e-010	-9.89e-008	3.90e-008	1.59e-007
	251	2.98e-011	2.21e-009	-9.32e-010	-6.99e-008	7.08e-008	1.68e-007
	252	3.12e-012	2.21e-009	-9.04e-010	-4.63e-008	6.99e-008	2.05e-007
	249	3.12e-012	8.63e-009	-8.12e-010	-9.95e-008	4.61e-008	1.96e-007
721	247	-1.34e-011	8.35e-009	-8.11e-010	-1.01e-007	1.97e-008	7.88e-008
	250	-1.34e-011	2.18e-009	-8.86e-010	-7.13e-008	6.76e-008	7.82e-008
	251	2.98e-011	2.18e-009	-9.20e-010	-6.32e-008	7.72e-008	1.36e-007

	248	2.98e-011	8.35e-009	-8.45e-010	-1.11e-007	3.80e-008	1.36e-007
722	178	-1.10e-010	8.17e-009	-7.54e-010	-8.17e-008	-1.58e-008	-1.76e-008
	189	-1.10e-010	2.20e-009	-7.92e-010	-4.50e-008	3.16e-008	-3.22e-008
	250	-1.34e-011	2.20e-009	-8.19e-010	-6.32e-008	5.59e-008	3.46e-008
	247	-1.34e-011	8.17e-009	-7.80e-010	-1.02e-007	1.94e-009	4.93e-008
723	245	2.89e-011	1.49e-008	-6.20e-010	-1.29e-007	5.02e-009	1.93e-007
	249	2.89e-011	8.87e-009	-6.92e-010	-1.10e-007	3.31e-008	2.03e-007
	203	4.42e-012	8.87e-009	-6.87e-010	-1.04e-007	3.35e-008	2.23e-007
	246	4.42e-012	1.49e-008	-6.15e-010	-1.16e-007	2.08e-008	2.13e-007
724	244	3.65e-011	1.44e-008	-6.29e-010	-1.60e-007	-7.32e-009	1.46e-007
	248	3.65e-011	8.63e-009	-7.19e-010	-1.26e-007	2.03e-008	1.57e-007
	249	2.89e-011	8.63e-009	-7.10e-010	-1.05e-007	3.35e-008	1.90e-007
	245	2.89e-011	1.44e-008	-6.21e-010	-1.47e-007	1.70e-008	1.78e-007
725	243	-2.31e-011	1.38e-008	-6.66e-010	-1.68e-007	-4.78e-008	8.42e-008
	247	-2.31e-011	8.35e-009	-7.38e-010	-1.28e-007	-4.97e-009	8.48e-008
	248	3.65e-011	8.35e-009	-7.24e-010	-1.27e-007	1.98e-008	1.29e-007
	244	3.65e-011	1.38e-008	-6.52e-010	-1.67e-007	2.44e-009	1.28e-007
726	188	-1.08e-010	1.33e-008	-7.44e-010	-1.49e-007	-8.42e-008	4.81e-009
	178	-1.08e-010	8.17e-009	-7.16e-010	-1.03e-007	-4.27e-008	-7.03e-009
	247	-2.31e-011	8.17e-009	-7.07e-010	-1.20e-007	-2.14e-008	4.72e-008
	243	-2.31e-011	1.33e-008	-7.34e-010	-1.67e-007	-5.38e-008	5.91e-008
727	242	2.48e-011	2.09e-008	-1.43e-010	-1.78e-007	7.19e-009	1.69e-007
	245	2.48e-011	1.49e-008	-4.69e-010	-1.60e-007	-7.47e-009	1.90e-007
	246	1.38e-011	1.49e-008	-4.58e-010	-1.37e-007	1.20e-008	2.13e-007
	199	1.38e-011	2.09e-008	-1.32e-010	-1.61e-007	-4.93e-008	1.92e-007
728	241	2.39e-011	2.03e-008	-8.40e-011	-2.14e-007	-1.03e-008	1.32e-007
	244	2.39e-011	1.44e-008	-4.33e-010	-1.89e-007	-2.02e-008	1.48e-007
	245	2.48e-011	1.44e-008	-4.71e-010	-1.51e-007	3.73e-009	1.74e-007
	242	2.48e-011	2.03e-008	-1.22e-010	-2.05e-007	-4.11e-008	1.58e-007
729	240	1.17e-011	1.94e-008	-4.28e-011	-2.53e-007	-3.86e-008	8.67e-008
	243	1.17e-011	1.38e-008	-4.34e-010	-2.09e-007	-6.42e-008	1.00e-007
	244	2.39e-011	1.38e-008	-4.56e-010	-1.83e-007	-1.21e-008	1.25e-007
	241	2.39e-011	1.94e-008	-6.47e-011	-2.40e-007	-7.21e-008	1.12e-007
730	174	2.15e-011	1.81e-008	-2.88e-010	-2.60e-007	-5.29e-008	3.09e-008
	188	2.15e-011	1.33e-008	-6.79e-010	-2.03e-007	-1.01e-007	2.87e-008
	243	1.17e-011	1.33e-008	-5.02e-010	-1.78e-007	-7.83e-008	6.53e-008
	240	1.17e-011	1.81e-008	-1.11e-010	-2.92e-007	-1.77e-007	6.75e-008
731	237	5.18e-011	2.19e-008	3.28e-010	-1.01e-007	2.20e-007	1.40e-007
	242	5.18e-011	2.09e-008	-2.92e-011	-1.80e-007	2.54e-007	1.58e-007
	199	5.19e-011	2.09e-008	-1.59e-011	-1.66e-007	2.58e-007	1.76e-007
	239	5.19e-011	2.19e-008	3.41e-010	-9.32e-008	2.34e-007	1.58e-007
732	235	7.66e-011	2.19e-008	5.49e-010	-1.28e-007	1.99e-007	8.99e-008
	241	7.66e-011	2.03e-008	1.23e-010	-2.07e-007	2.52e-007	1.11e-007
	242	5.18e-011	2.03e-008	-1.43e-011	-1.78e-007	2.46e-007	1.50e-007
	237	5.18e-011	2.19e-008	4.12e-010	-1.18e-007	2.16e-007	1.29e-007
733	233	7.96e-011	2.19e-008	7.04e-010	-1.44e-007	1.89e-007	4.00e-008
	240	7.96e-011	1.94e-008	1.17e-010	-2.48e-007	2.49e-007	6.10e-008
	241	7.66e-011	1.94e-008	1.15e-010	-2.20e-007	2.30e-007	1.02e-007
	235	7.66e-011	2.19e-008	7.01e-010	-1.33e-007	2.01e-007	8.14e-008
734	187	1.36e-009	2.18e-008	1.04e-009	-1.62e-007	2.13e-007	2.27e-008
	174	1.36e-009	1.81e-008	7.23e-011	-2.60e-007	2.14e-007	3.31e-008
	240	7.96e-011	1.81e-008	-1.89e-012	-2.65e-007	2.19e-007	4.75e-008
	233	7.96e-011	2.18e-008	9.67e-010	-1.38e-007	1.90e-007	3.71e-008
735	238	-1.40e-010	2.27e-008	-5.96e-011	-9.39e-009	1.72e-007	1.28e-007
	237	-1.40e-010	2.19e-008	3.79e-010	-8.28e-008	2.07e-007	1.33e-007
	239	-3.79e-012	2.19e-008	3.46e-010	-7.84e-008	2.05e-007	1.52e-007
	198	-3.79e-012	2.27e-008	-9.30e-011	-7.02e-009	1.81e-007	1.46e-007
736	236	4.20e-011	2.33e-008	1.51e-010	-1.71e-008	1.53e-007	8.26e-008
	235	4.20e-011	2.19e-008	5.67e-010	-8.71e-008	1.94e-007	8.66e-008
	237	-1.40e-010	2.19e-008	4.62e-010	-7.55e-008	2.02e-007	1.23e-007

	238	-1.40e-010	2.33e-008	4.68e-011	-2.13e-008	1.66e-007	1.19e-007
737	234	9.11e-011	2.41e-008	-1.19e-010	-1.92e-008	1.49e-007	3.75e-008
	233	9.11e-011	2.19e-008	5.71e-010	-9.44e-008	1.87e-007	4.06e-008
	235	4.20e-011	2.19e-008	7.19e-010	-9.03e-008	1.87e-007	7.66e-008
	236	4.20e-011	2.41e-008	2.96e-011	-1.76e-008	1.47e-007	7.36e-008
738	173	4.26e-011	2.53e-008	3.08e-010	-4.61e-008	2.05e-007	3.78e-009
	187	4.26e-011	2.18e-008	1.40e-009	-9.45e-008	2.20e-007	1.70e-008
	233	9.11e-011	2.18e-008	8.34e-010	-9.98e-008	1.86e-007	3.74e-008
	234	9.11e-011	2.53e-008	-2.58e-010	-1.60e-008	1.56e-007	2.42e-008
739	228	-2.93e-010	3.97e-009	8.01e-010	3.48e-008	-5.22e-008	-3.83e-008
	232	-2.93e-010	4.70e-009	1.23e-010	8.11e-009	-1.79e-008	-4.24e-008
	197	-1.75e-010	4.70e-009	1.96e-010	3.21e-009	-2.44e-008	-2.34e-008
	229	-1.75e-010	3.97e-009	8.74e-010	3.47e-008	-5.17e-008	-1.93e-008
740	227	-2.19e-011	3.90e-009	1.15e-009	3.14e-008	2.21e-008	-7.53e-008
	231	-2.19e-011	3.56e-009	5.01e-011	8.64e-009	4.31e-008	-7.09e-008
	232	-2.93e-010	3.56e-009	-1.14e-010	1.60e-008	-7.81e-009	-4.75e-008
	228	-2.93e-010	3.90e-009	9.89e-010	3.22e-008	-3.68e-008	-5.19e-008
741	226	-9.00e-011	3.84e-009	9.80e-010	3.65e-008	1.23e-007	-9.70e-008
	230	-9.00e-011	1.94e-009	-5.62e-011	4.88e-009	1.41e-007	-9.30e-008
	231	-2.19e-011	1.94e-009	1.63e-010	9.69e-009	7.34e-008	-7.65e-008
	227	-2.19e-011	3.84e-009	1.20e-009	3.93e-008	5.66e-008	-8.06e-008
742	186	3.45e-011	4.11e-009	1.60e-009	2.46e-008	2.01e-007	-9.61e-008
	172	3.45e-011	1.84e-010	3.07e-010	2.23e-008	1.97e-007	-9.48e-008
	230	-9.00e-011	1.84e-010	-2.49e-010	2.35e-009	1.65e-007	-9.78e-008
	226	-9.00e-011	4.11e-009	1.04e-009	4.70e-008	1.67e-007	-9.91e-008
743	225	-1.91e-010	2.29e-009	3.24e-010	-7.03e-009	-1.27e-007	-2.17e-008
	228	-1.91e-010	3.97e-009	8.80e-010	3.55e-008	-6.47e-008	-4.07e-008
	229	-1.92e-010	3.97e-009	9.52e-010	3.18e-008	-8.09e-008	-9.36e-009
	196	-1.92e-010	2.29e-009	3.96e-010	-2.67e-008	-1.20e-007	9.61e-009
744	224	-6.55e-011	3.87e-009	8.32e-011	3.24e-008	-2.72e-008	-5.12e-008
	227	-6.55e-011	3.90e-009	1.03e-009	4.75e-008	2.03e-008	-6.88e-008
	228	-1.91e-010	3.90e-009	1.07e-009	3.83e-008	-5.33e-008	-5.02e-008
	225	-1.91e-010	3.87e-009	1.26e-010	8.55e-009	-4.55e-008	-3.26e-008
745	223	3.54e-011	6.00e-009	-6.08e-011	9.85e-008	8.57e-008	-5.37e-008
	226	3.54e-011	3.84e-009	1.02e-009	6.96e-008	1.33e-007	-8.51e-008
	227	-6.55e-011	3.84e-009	1.07e-009	4.70e-008	4.17e-008	-7.91e-008
	224	-6.55e-011	6.00e-009	-1.24e-011	6.24e-008	7.65e-008	-4.77e-008
746	171	-8.34e-010	8.22e-009	-7.32e-011	2.00e-007	2.33e-007	-4.88e-008
	186	-8.34e-010	4.11e-009	1.10e-009	8.71e-008	2.29e-007	-8.97e-008
	226	3.54e-011	4.11e-009	1.08e-009	7.99e-008	1.50e-007	-8.87e-008
	223	3.54e-011	8.22e-009	-8.71e-011	1.31e-007	1.44e-007	-4.78e-008
747	220	7.28e-010	3.60e-009	-2.91e-010	-2.15e-008	-8.57e-008	2.23e-008
	225	7.28e-010	2.29e-009	-3.18e-010	-9.78e-009	-4.12e-008	6.66e-010
	196	8.45e-010	2.29e-009	2.30e-010	-5.57e-008	-1.10e-007	1.56e-008
	222	8.45e-010	3.60e-009	2.57e-010	-1.74e-008	-9.60e-008	3.72e-008
748	218	-4.39e-011	4.39e-009	-1.16e-009	2.71e-008	3.27e-008	3.43e-009
	224	-4.39e-011	3.87e-009	-2.95e-010	2.13e-008	-4.45e-008	-1.51e-008
	225	7.28e-010	3.87e-009	-3.47e-010	1.46e-008	3.56e-008	-1.40e-008
	220	7.28e-010	4.39e-009	-1.22e-009	-2.05e-008	-4.31e-008	4.47e-009
749	216	9.11e-012	4.24e-009	-1.14e-009	8.48e-008	1.10e-007	2.42e-008
	223	9.11e-012	6.00e-009	-1.99e-010	7.70e-008	-5.37e-009	-3.58e-009
	224	-4.39e-011	6.00e-009	-2.57e-010	6.59e-008	1.31e-007	-2.14e-008
	218	-4.39e-011	4.24e-009	-1.20e-009	1.42e-008	3.94e-008	6.43e-009
750	185	-4.84e-010	3.84e-009	-1.38e-009	1.63e-007	1.68e-007	4.25e-008
	171	-4.84e-010	8.22e-009	-6.87e-010	1.84e-007	6.67e-008	-3.24e-009
	223	9.11e-012	8.22e-009	-3.04e-010	1.57e-007	2.12e-007	-9.08e-009
	216	9.11e-012	3.84e-009	-9.98e-010	5.60e-008	1.18e-007	3.67e-008
751	221	3.96e-012	9.08e-009	-2.32e-009	-2.97e-008	-6.90e-008	4.35e-008
	220	3.96e-012	3.60e-009	-4.15e-010	-2.42e-008	-9.82e-008	1.88e-008
	222	2.29e-009	3.60e-009	-1.96e-010	5.78e-010	-1.24e-007	9.13e-008

	205	2.29e-009	9.08e-009	-2.10e-009	-1.02e-007	-3.04e-007	1.16e-007
752	219	-3.90e-012	4.66e-009	1.87e-010	-5.22e-009	4.54e-008	9.64e-009
	218	-3.90e-012	4.39e-009	-1.07e-009	1.73e-008	3.97e-008	-2.51e-009
	220	3.96e-012	4.39e-009	-1.34e-009	-2.45e-008	-5.48e-008	7.29e-009
	221	3.96e-012	4.66e-009	-8.60e-011	8.88e-010	-7.39e-008	1.94e-008
753	217	2.04e-011	2.33e-009	7.06e-011	1.51e-009	1.33e-007	2.76e-008
	216	2.04e-011	4.24e-009	-1.19e-009	5.20e-008	1.21e-007	1.78e-008
	218	-3.90e-012	4.24e-009	-1.10e-009	1.38e-008	3.70e-008	1.19e-009
	219	-3.90e-012	2.33e-009	1.57e-010	1.10e-008	4.77e-008	1.10e-008
754	180	5.21e-010	7.62e-011	5.33e-011	1.94e-008	1.76e-007	6.39e-008
	185	5.21e-010	3.84e-009	-1.00e-009	8.60e-008	1.68e-007	5.10e-008
	216	2.04e-011	3.84e-009	-1.05e-009	5.46e-008	1.21e-007	2.53e-008
	217	2.04e-011	7.62e-011	9.85e-012	1.29e-008	1.48e-007	3.82e-008
755	210	-3.85e-011	-7.52e-009	-6.86e-010	-9.97e-008	-2.63e-008	1.27e-007
	215	-3.85e-011	-1.59e-008	-3.29e-009	-9.90e-009	-6.44e-008	5.07e-008
	204	-2.71e-009	-1.59e-008	-3.02e-009	-1.44e-007	1.93e-007	1.31e-007
	212	-2.71e-009	-7.52e-009	-4.15e-010	-1.13e-007	-1.19e-008	2.08e-007
756	208	-1.38e-011	-8.52e-009	-1.62e-009	-5.18e-008	-1.52e-007	1.14e-007
	214	-1.38e-011	-9.29e-009	3.03e-010	-7.14e-009	-1.71e-007	1.05e-007
	215	-3.85e-011	-9.29e-009	-1.13e-010	-2.38e-008	-8.22e-008	8.90e-008
	210	-3.85e-011	-8.52e-009	-2.04e-009	-6.15e-008	-8.01e-008	9.80e-008
757	206	-6.07e-011	-7.91e-009	-1.76e-009	-5.34e-008	-2.40e-007	1.43e-007
	213	-6.07e-011	-6.00e-009	1.05e-010	-7.34e-009	-2.50e-007	1.45e-007
	214	-1.38e-011	-6.00e-009	2.44e-010	-9.86e-009	-1.86e-007	1.20e-007
	208	-1.38e-011	-7.91e-009	-1.62e-009	-4.30e-008	-1.61e-007	1.17e-007
758	184	-4.92e-010	-6.99e-009	-1.44e-009	-7.49e-008	-2.96e-007	1.64e-007
	179	-4.92e-010	-2.96e-009	1.49e-010	-1.90e-008	-2.84e-007	1.73e-007
	213	-6.07e-011	-2.96e-009	3.37e-011	-1.01e-008	-2.84e-007	1.57e-007
	206	-6.07e-011	-6.99e-009	-1.55e-009	-5.74e-008	-2.51e-007	1.48e-007
759	211	-1.01e-009	-6.20e-009	-7.31e-010	-1.10e-007	-1.45e-007	1.56e-007
	210	-1.01e-009	-7.52e-009	-6.41e-010	-7.00e-008	-5.53e-008	1.30e-007
	212	-9.33e-010	-7.52e-009	2.82e-010	-1.51e-007	-4.39e-008	1.92e-007
	201	-9.33e-010	-6.20e-009	1.93e-010	-7.89e-008	-8.21e-008	2.18e-007
760	209	7.08e-011	-7.49e-009	-6.87e-010	-6.47e-008	-9.30e-008	1.29e-007
	208	7.08e-011	-8.52e-009	-1.91e-009	-6.44e-008	-1.43e-007	1.17e-007
	210	-1.01e-009	-8.52e-009	-1.99e-009	-7.33e-008	-8.81e-008	1.19e-007
	211	-1.01e-009	-7.49e-009	-7.73e-010	-9.17e-008	-1.42e-007	1.32e-007
761	207	-1.98e-011	-9.65e-009	-6.57e-010	-8.06e-008	-1.63e-007	1.32e-007
	206	-1.98e-011	-7.91e-009	-1.88e-009	-8.43e-008	-2.32e-007	1.44e-007
	208	7.08e-011	-7.91e-009	-1.91e-009	-5.01e-008	-1.59e-007	1.30e-007
	209	7.08e-011	-9.65e-009	-6.84e-010	-7.88e-008	-2.08e-007	1.18e-007
762	176	3.90e-010	-1.17e-008	-1.13e-009	-1.81e-007	-2.53e-007	1.12e-007
	184	3.90e-010	-6.99e-009	-1.99e-009	-1.45e-007	-3.06e-007	1.55e-007
	206	-1.98e-011	-6.99e-009	-1.67e-009	-6.30e-008	-2.45e-007	1.59e-007
	207	-1.98e-011	-1.17e-008	-8.11e-010	-1.39e-007	-3.03e-007	1.16e-007
763	149	1.54e-010	-1.48e-008	-7.36e-010	5.08e-008	-6.97e-008	-1.48e-007
	38	1.54e-010	-2.02e-008	-7.26e-010	1.09e-007	3.69e-008	-7.68e-008
	169	-6.51e-012	-2.02e-008	-7.77e-010	1.86e-007	1.12e-007	-9.57e-008
	193	-6.51e-012	-1.48e-008	-7.87e-010	2.05e-007	2.41e-007	-1.67e-007
764	54	4.43e-013	-9.62e-009	-4.17e-010	6.42e-008	-1.53e-008	-1.49e-007
	149	4.43e-013	-1.48e-008	-5.19e-010	9.88e-008	-5.65e-008	-1.44e-007
	193	1.30e-010	-1.48e-008	-4.99e-010	9.35e-008	2.26e-007	-1.26e-007
	177	1.30e-010	-9.62e-009	-3.97e-010	8.76e-008	1.63e-007	-1.31e-007
765	157	2.27e-011	-3.66e-009	-4.00e-010	2.17e-008	4.08e-009	-1.31e-007
	54	2.27e-011	-9.62e-009	-3.41e-010	9.09e-008	-4.39e-009	-1.49e-007
	177	1.16e-010	-9.62e-009	-4.72e-010	2.93e-008	1.33e-007	-1.22e-007
	190	1.16e-010	-3.66e-009	-5.32e-010	3.10e-008	8.88e-008	-1.04e-007
766	162	-1.12e-010	2.32e-009	-4.85e-010	-2.32e-008	-2.40e-009	-1.11e-007
	157	-1.12e-010	-3.66e-009	-4.16e-010	4.86e-008	1.17e-010	-1.27e-007
	190	-3.89e-012	-3.66e-009	-5.99e-010	-7.59e-009	6.64e-008	-9.39e-008

	189	-3.89e-012	2.32e-009	-6.68e-010	-1.48e-008	2.36e-008	-7.76e-008
767	55	-2.69e-010	8.21e-009	-5.78e-010	-6.47e-008	-2.51e-008	-9.47e-008
	162	-2.69e-010	2.32e-009	-5.72e-010	-5.62e-010	-1.16e-008	-1.10e-007
	189	-1.10e-010	2.32e-009	-7.09e-010	-4.27e-008	3.88e-010	-6.80e-008
	178	-1.10e-010	8.21e-009	-7.15e-010	-6.67e-008	-4.30e-008	-5.30e-008
768	28	-2.07e-010	1.32e-008	-9.04e-010	-1.08e-007	-6.42e-008	-7.00e-008
	55	-2.07e-010	8.21e-009	-7.10e-010	-4.80e-008	-3.80e-008	-9.18e-008
	178	-1.08e-010	8.21e-009	-6.78e-010	-9.20e-008	-6.64e-008	-4.55e-008
	188	-1.08e-010	1.32e-008	-8.72e-010	-1.35e-007	-9.69e-008	-2.37e-008
769	47	-1.22e-010	1.77e-008	-8.35e-010	-2.03e-007	-8.14e-008	-1.06e-008
	28	-1.22e-010	1.32e-008	-1.16e-009	-1.02e-007	-7.51e-008	-4.97e-008
	188	2.15e-011	1.32e-008	-8.07e-010	-1.62e-007	-1.24e-007	-1.17e-008
	174	2.15e-011	1.77e-008	-4.79e-010	-2.71e-007	-1.64e-007	2.75e-008
770	141	7.93e-010	1.96e-008	-1.77e-009	-1.41e-007	2.76e-007	8.36e-008
	47	7.93e-010	1.77e-008	-8.43e-010	-1.94e-007	1.94e-007	4.69e-008
	174	1.36e-009	1.77e-008	1.67e-010	-2.63e-007	2.62e-007	1.59e-008
	187	1.36e-009	1.96e-008	-7.59e-010	-1.49e-007	2.39e-007	5.26e-008
771	46	1.56e-009	3.25e-008	4.33e-009	-7.80e-008	5.28e-007	5.64e-008
	141	1.56e-009	1.96e-008	-3.08e-010	-1.99e-007	2.90e-007	1.17e-007
	187	4.26e-011	1.96e-008	-4.00e-010	-1.23e-007	2.88e-007	4.39e-008
	173	4.26e-011	3.25e-008	4.24e-009	-2.74e-008	1.90e-007	-1.70e-008
772	130	-1.18e-010	5.27e-009	-4.59e-010	8.83e-008	2.08e-007	3.67e-009
	45	-1.18e-010	-5.26e-009	2.29e-009	-4.17e-008	5.70e-009	1.47e-010
	172	3.45e-011	-5.26e-009	3.00e-009	-8.04e-009	2.50e-007	-8.19e-008
	186	3.45e-011	5.27e-009	2.43e-010	4.73e-008	2.05e-007	-7.84e-008
773	44	-2.81e-010	9.53e-009	-1.33e-010	2.96e-007	3.14e-007	-1.73e-008
	130	-2.81e-010	5.27e-009	-6.64e-010	6.80e-008	2.61e-007	-3.52e-008
	186	-8.34e-010	5.27e-009	-2.56e-010	8.80e-008	2.24e-007	-6.15e-008
	171	-8.34e-010	9.53e-009	2.75e-010	2.38e-007	2.22e-007	-4.37e-008
774	122	-9.10e-010	4.00e-009	-1.79e-010	2.06e-007	1.23e-007	-1.67e-009
	44	-9.10e-010	9.53e-009	-1.10e-010	3.35e-007	1.86e-007	-4.14e-008
	171	-4.84e-010	9.53e-009	-7.48e-010	2.65e-007	1.25e-007	1.65e-009
	185	-4.84e-010	4.00e-009	-8.16e-010	1.46e-007	1.36e-007	4.13e-008
775	57	-1.89e-009	-3.26e-009	-1.63e-009	1.52e-007	-5.32e-008	6.97e-008
	122	-1.89e-009	4.00e-009	-5.47e-010	2.05e-007	8.95e-008	1.39e-008
	185	5.21e-010	4.00e-009	-4.37e-010	1.23e-007	1.33e-007	4.64e-008
	180	5.21e-010	-3.26e-009	-1.52e-009	5.20e-008	2.35e-007	1.02e-007
776	101	1.77e-009	-6.33e-009	-9.65e-010	-2.15e-007	-1.44e-007	8.93e-008
	56	1.77e-009	5.64e-010	-1.23e-009	-2.02e-007	3.05e-008	1.62e-007
	179	-4.92e-010	5.64e-010	-1.18e-009	-6.21e-008	-3.35e-007	2.16e-007
	184	-4.92e-010	-6.33e-009	-9.07e-010	-1.18e-007	-2.27e-007	1.44e-007
777	49	8.71e-010	-1.21e-008	-8.49e-010	-2.82e-007	-1.57e-007	5.46e-008
	101	8.71e-010	-6.33e-009	-1.06e-009	-2.36e-007	-1.70e-007	9.20e-008
	184	3.90e-010	-6.33e-009	-1.46e-009	-1.27e-007	-2.42e-007	1.36e-007
	176	3.90e-010	-1.21e-008	-1.25e-009	-2.68e-007	-3.08e-007	9.83e-008
778	85	-8.24e-012	-8.30e-009	-2.25e-009	-1.34e-007	-3.26e-007	4.95e-008
	49	-8.24e-012	-1.21e-008	-1.42e-009	-3.48e-007	-3.92e-007	7.30e-008
	176	6.05e-010	-1.21e-008	-9.37e-010	-2.24e-007	-1.67e-007	7.47e-008
	183	6.05e-010	-8.30e-009	-1.77e-009	-1.53e-007	-2.35e-007	5.12e-008
779	48	-4.30e-010	-2.58e-009	-2.30e-009	3.41e-008	-2.70e-007	5.39e-008
	85	-4.30e-010	-8.30e-009	-2.55e-009	-1.31e-007	-2.98e-007	4.99e-008
	183	2.25e-009	-8.30e-009	-1.19e-009	-1.24e-007	-2.34e-007	2.01e-008
	175	2.25e-009	-2.58e-009	-9.39e-010	1.63e-008	-2.17e-007	2.41e-008
780	93	-2.08e-009	-1.34e-009	8.78e-010	1.62e-007	-2.62e-007	1.04e-007
	48	-2.08e-009	-2.58e-009	-5.03e-010	5.52e-008	-2.36e-007	5.55e-008
	175	1.09e-008	-2.58e-009	-4.64e-010	2.41e-008	-2.01e-007	9.85e-009
	182	1.09e-008	-1.34e-009	9.17e-010	8.32e-008	-9.45e-008	5.80e-008
781	39	2.87e-010	-1.80e-008	6.48e-009	1.84e-007	-2.45e-007	8.48e-008
	93	2.87e-010	-1.34e-009	2.12e-009	1.87e-007	-2.71e-007	8.22e-008
	182	1.93e-009	-1.34e-009	4.85e-009	1.02e-007	-7.87e-008	1.50e-007

	170	1.93e-009	-1.80e-008	9.22e-009	2.63e-007	-2.23e-007	1.52e-007
782	77	3.57e-010	-2.26e-008	-1.88e-009	1.14e-007	-2.58e-007	5.89e-008
	39	3.57e-010	-1.80e-008	5.98e-009	1.67e-007	-2.48e-007	9.01e-008
	170	-2.81e-009	-1.80e-008	5.28e-009	1.76e-007	-2.39e-007	8.61e-008
	181	-2.81e-009	-2.26e-008	-2.57e-009	1.89e-007	-2.23e-007	5.48e-008
783	38	1.90e-009	-2.02e-008	-1.33e-010	1.09e-007	-1.70e-007	-5.38e-009
	77	1.90e-009	-2.26e-008	-3.09e-009	1.01e-007	-2.47e-007	4.72e-008
	181	-1.18e-009	-2.26e-008	-4.04e-009	2.19e-007	-2.33e-007	4.64e-008
	169	-1.18e-009	-2.02e-008	-1.08e-009	2.25e-007	-3.10e-007	-6.18e-009
784	17	-5.78e-010	1.36e-008	1.62e-009	2.62e-008	-8.86e-008	-5.98e-008
	144	-5.78e-010	1.85e-008	1.12e-009	-4.79e-008	-1.37e-007	1.41e-008
	47	-1.22e-010	1.85e-008	1.01e-009	1.28e-007	8.32e-008	-3.67e-009
	28	-1.22e-010	1.36e-008	1.51e-009	9.63e-008	5.61e-008	-7.76e-008
785	165	-5.66e-010	8.64e-009	7.90e-010	3.43e-008	-4.79e-008	-1.01e-007
	17	-5.66e-010	1.36e-008	1.40e-009	4.38e-008	-6.28e-008	-8.48e-008
	28	-2.07e-010	1.36e-008	1.25e-009	6.22e-008	3.87e-008	-8.89e-008
	55	-2.07e-010	8.64e-009	6.35e-010	7.02e-008	2.88e-008	-1.05e-007
786	161	-6.63e-010	2.65e-009	4.61e-010	6.72e-009	3.81e-009	-8.74e-008
	165	-6.63e-010	8.64e-009	6.42e-010	5.82e-008	-3.24e-008	-8.98e-008
	55	-2.69e-010	8.64e-009	5.03e-010	2.81e-008	2.09e-008	-1.13e-007
	162	-2.69e-010	2.65e-009	3.22e-010	2.96e-008	1.62e-008	-1.11e-007
787	156	-9.13e-011	-3.70e-009	1.63e-010	-5.19e-008	5.72e-008	-8.37e-008
	161	-9.13e-011	2.65e-009	2.38e-010	5.46e-009	1.82e-008	-8.12e-008
	162	-1.12e-010	2.65e-009	2.35e-010	-1.94e-008	1.91e-008	-1.19e-007
	157	-1.12e-010	-3.70e-009	1.60e-010	-1.97e-008	3.03e-008	-1.21e-007
788	152	4.71e-010	-9.81e-009	4.54e-010	-9.02e-008	1.26e-007	-8.56e-008
	156	4.71e-010	-3.70e-009	3.04e-010	-5.75e-008	7.63e-008	-8.01e-008
	157	2.27e-011	-3.70e-009	1.44e-010	-6.96e-008	3.85e-008	-1.30e-007
	54	2.27e-011	-9.81e-009	2.94e-010	-6.19e-008	5.59e-008	-1.36e-007
789	148	4.77e-010	-1.52e-008	8.99e-010	-3.57e-008	1.86e-007	-7.47e-008
	152	4.77e-010	-9.81e-009	4.88e-010	-7.55e-008	1.53e-007	-9.20e-008
	54	4.43e-013	-9.81e-009	3.70e-010	-9.78e-008	6.16e-008	-1.36e-007
	149	4.43e-013	-1.52e-008	7.81e-010	-7.10e-008	8.18e-008	-1.19e-007
790	76	5.44e-010	-2.12e-008	3.46e-010	1.33e-007	1.80e-007	-7.84e-009
	148	5.44e-010	-1.52e-008	7.79e-010	-1.18e-010	2.12e-007	-6.64e-008
	149	1.54e-010	-1.52e-008	9.97e-010	-9.19e-008	9.86e-008	-1.23e-007
	38	1.54e-010	-2.12e-008	5.64e-010	2.91e-008	1.98e-007	-6.43e-008
791	140	-6.33e-010	1.81e-008	-2.53e-009	-1.15e-007	2.61e-007	1.38e-007
	144	-6.33e-010	1.85e-008	-1.05e-009	-5.76e-009	1.72e-007	5.69e-008
	47	7.93e-010	1.85e-008	-1.03e-009	-1.43e-007	2.97e-007	3.34e-008
	141	7.93e-010	1.81e-008	-2.51e-009	-1.50e-007	2.53e-007	1.14e-007
792	133	1.36e-010	1.15e-008	4.50e-009	-1.52e-007	1.94e-007	9.78e-008
	140	1.36e-010	1.81e-008	-8.22e-010	-1.54e-007	2.28e-007	1.07e-007
	141	1.56e-009	1.81e-008	-1.05e-009	-1.40e-007	2.79e-007	1.29e-007
	46	1.56e-009	1.15e-008	4.16e-009	-1.54e-007	2.62e-007	1.25e-007
793	129	1.08e-009	5.74e-009	2.83e-010	3.93e-009	1.66e-007	3.48e-008
	133	1.08e-009	7.33e-009	3.83e-009	-1.44e-007	1.91e-007	8.99e-008
	45	-1.18e-010	6.98e-009	2.64e-009	-3.15e-008	2.03e-007	8.73e-008
	130	-1.18e-010	5.74e-009	-8.11e-010	2.99e-008	2.32e-007	1.91e-008
794	125	7.96e-010	8.85e-009	7.55e-010	2.56e-007	1.68e-007	-1.65e-008
	129	7.96e-010	5.74e-009	-4.31e-010	5.30e-008	1.95e-007	7.79e-009
	130	-2.81e-010	5.74e-009	-1.02e-009	7.90e-008	2.39e-007	1.31e-008
	44	-2.81e-010	8.85e-009	1.70e-010	2.82e-007	2.56e-007	-1.12e-008
795	121	-4.40e-010	4.52e-009	1.13e-009	1.72e-007	1.49e-008	-6.58e-008
	125	-4.40e-010	8.85e-009	6.63e-010	3.44e-007	1.47e-007	-5.40e-008
	44	-9.10e-010	8.85e-009	1.15e-010	2.82e-007	-5.76e-008	-3.24e-008
	122	-9.10e-010	4.52e-009	5.81e-010	2.73e-007	4.91e-008	-4.43e-008
796	117	-2.19e-010	3.62e-010	1.27e-010	1.39e-007	2.69e-008	-7.82e-008
	121	-2.19e-010	4.52e-009	9.11e-010	1.90e-007	-6.06e-009	-5.71e-008
	122	-1.89e-009	4.52e-009	2.13e-010	2.16e-007	4.05e-008	-1.27e-008

	57	-1.89e-009	3.62e-010	-5.71e-010	1.83e-007	-4.58e-008	-3.37e-008
797	113	8.76e-011	6.05e-012	-1.87e-009	5.89e-008	-2.15e-008	-1.58e-007
	117	8.76e-011	3.62e-010	-7.22e-010	1.38e-007	9.07e-010	-9.05e-008
	57	-6.48e-009	3.62e-010	-1.69e-009	3.05e-007	-3.78e-008	-1.18e-007
	114	-6.48e-009	6.05e-012	-2.84e-009	9.39e-008	2.17e-008	-1.86e-007
798	108	-8.94e-011	-1.04e-010	-3.10e-009	-5.96e-008	2.93e-008	-1.59e-007
	113	-8.94e-011	6.05e-012	-3.05e-009	2.44e-008	-7.05e-009	-1.63e-007
	114	1.95e-010	6.05e-012	-1.29e-009	5.39e-008	4.15e-009	-1.81e-007
	109	1.95e-010	-1.04e-010	-1.33e-009	-1.01e-007	-7.28e-009	-1.78e-007
799	104	-8.13e-011	-1.29e-009	-4.60e-010	-1.74e-007	2.43e-008	-5.25e-008
	108	-8.13e-011	-1.04e-010	-1.91e-009	-1.01e-007	4.77e-008	-1.47e-007
	109	6.59e-009	-1.04e-010	-2.66e-009	-1.45e-007	-2.92e-008	-1.79e-007
	56	6.59e-009	-1.29e-009	-1.21e-009	-4.14e-007	3.71e-008	-8.46e-008
800	100	2.25e-010	-5.92e-009	4.31e-010	-1.99e-007	2.66e-008	-7.22e-009
	104	2.25e-010	-1.29e-009	3.00e-010	-1.72e-007	-1.05e-008	-3.73e-008
	56	1.77e-009	-1.29e-009	-3.38e-010	-2.40e-007	4.87e-008	2.82e-008
	101	1.77e-009	-5.92e-009	-2.06e-010	-2.31e-007	-6.70e-008	5.83e-008
801	88	5.04e-010	-1.00e-008	1.83e-010	-2.80e-007	4.63e-009	2.26e-008
	100	5.04e-010	-5.92e-009	4.74e-010	-2.10e-007	1.68e-008	3.73e-009
	101	8.71e-010	-5.92e-009	-3.06e-010	-2.51e-007	-9.36e-008	3.72e-008
	49	8.71e-010	-1.00e-008	-5.96e-010	-3.02e-007	-1.22e-007	5.61e-008
802	84	-4.68e-010	-7.90e-009	-8.29e-010	-1.39e-007	-2.17e-007	4.97e-008
	88	-4.68e-010	-1.00e-008	-2.29e-010	-2.84e-007	-2.49e-007	4.06e-008
	49	-8.24e-012	-1.00e-008	-1.33e-009	-2.59e-007	-1.96e-007	6.46e-008
	85	-8.24e-012	-7.90e-009	-1.93e-009	-2.05e-007	-2.48e-007	7.37e-008
803	96	-1.33e-009	-4.82e-009	-2.94e-010	3.88e-008	-2.07e-007	7.01e-008
	84	-1.33e-009	-7.90e-009	-7.19e-010	-8.90e-008	-2.08e-007	5.62e-008
	85	-4.30e-010	-7.90e-009	-2.23e-009	-1.01e-007	-2.54e-007	6.48e-008
	48	-4.30e-010	-4.82e-009	-1.80e-009	1.29e-008	-2.67e-007	7.87e-008
804	92	-1.63e-009	-6.65e-009	1.74e-009	1.55e-007	-2.14e-007	7.82e-008
	96	-1.63e-009	-4.82e-009	4.28e-011	8.54e-008	-2.05e-007	7.58e-008
	48	-2.08e-009	-4.82e-009	-6.86e-012	8.10e-008	-2.58e-007	8.35e-008
	93	-2.08e-009	-6.65e-009	1.69e-009	1.54e-007	-2.63e-007	8.59e-008
805	80	-1.11e-009	-1.34e-008	2.68e-009	1.88e-007	-2.48e-007	6.91e-008
	92	-1.11e-009	-6.65e-009	2.18e-009	1.70e-007	-2.19e-007	7.20e-008
	93	2.87e-010	-6.65e-009	2.93e-009	1.79e-007	-2.60e-007	9.34e-008
	39	2.87e-010	-1.34e-008	3.42e-009	1.85e-007	-2.68e-007	9.06e-008
806	75	-5.09e-010	-1.88e-008	2.61e-011	6.33e-008	-2.77e-007	5.98e-008
	80	-5.09e-010	-1.34e-008	2.37e-009	1.46e-007	-2.63e-007	7.62e-008
	39	3.57e-010	-1.34e-008	2.92e-009	1.58e-007	-2.68e-007	7.96e-008
	77	3.57e-010	-1.88e-008	5.68e-010	9.55e-008	-2.59e-007	6.33e-008
807	76	5.15e-010	-2.12e-008	1.79e-010	-1.14e-007	-2.43e-007	2.14e-008
	75	5.15e-010	-1.88e-008	-4.51e-010	-1.41e-008	-2.81e-007	5.75e-008
	77	1.90e-009	-1.88e-008	-6.44e-010	7.51e-008	-2.65e-007	4.94e-008
	38	1.90e-009	-2.12e-008	-1.39e-011	-3.88e-008	-2.96e-007	1.32e-008

SFORZI "ACC passerella" (Fase 1)

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
206	230	-0.91	0.00	0.00	0.00	0.00	0.00
	234	0.91	0.00	0.00	0.00	0.00	0.00
207	232	-0.83	0.00	0.00	0.00	0.00	0.00
	238	0.83	0.00	0.00	0.00	0.00	0.00
208	319	-0.62	0.00	0.00	0.00	0.00	0.00
	322	0.62	0.00	0.00	0.00	0.00	0.00
209	285	-0.35	0.00	0.00	0.00	0.00	0.00
	286	0.35	0.00	0.00	0.00	0.00	0.00
210	456	-8.42e-002	0.00	0.00	0.00	0.00	0.00
	470	8.42e-002	0.00	0.00	0.00	0.00	0.00

211	458	0.52	0.00	0.00	0.00	0.00	0.00
	474	-0.52	0.00	0.00	0.00	0.00	0.00
212	460	2.17	0.00	0.00	0.00	0.00	0.00
	478	-2.17	0.00	0.00	0.00	0.00	0.00
213	462	5.31	0.00	0.00	0.00	0.00	0.00
	482	-5.31	0.00	0.00	0.00	0.00	0.00
214	464	8.65	0.00	0.00	0.00	0.00	0.00
	486	-8.65	0.00	0.00	0.00	0.00	0.00
215	12	-5.94	0.00	0.00	0.00	0.00	0.00
	16	5.94	0.00	0.00	0.00	0.00	0.00
216	466	5.42	0.00	0.00	0.00	0.00	0.00
	490	-5.42	0.00	0.00	0.00	0.00	0.00
371	137	-15.57	0.00	0.00	0.00	0.00	0.00
	135	15.57	0.00	0.00	0.00	0.00	0.00
11	681	3.71e-002	6.03e-002	-1.27e-004	-1.29e-002	4.18e-003	0.40
	63	-3.71e-002	-6.03e-002	1.27e-004	1.29e-002	5.80e-003	4.33
12	66	3.69e-002	4.51e-002	-2.33e-005	6.39e-003	1.07e-003	3.97
	681	-3.69e-002	-4.51e-002	2.33e-005	-6.39e-003	7.58e-004	-0.43
13	681	-3.48e-002	3.52e-002	1.33e-004	1.44e-002	-5.48e-003	-1.01
	65	3.48e-002	-3.52e-002	-1.33e-004	-1.44e-002	-4.99e-003	3.77
14	64	-3.49e-002	5.05e-002	-2.70e-005	-6.96e-003	1.58e-003	2.97
	681	3.49e-002	-5.05e-002	2.70e-005	6.96e-003	5.42e-004	0.99
15	679	3.89	-3.16e-002	3.14e-002	0.00	-5.34	-5.37
	627	-3.89	3.16e-002	-3.14e-002	0.00	1.88	1.90
16	20	3.89	-3.16e-002	3.14e-002	4.44e-016	-7.54	-7.58
	679	-3.89	3.16e-002	-3.14e-002	-4.44e-016	5.34	5.37
17	678	-3.66	-1.20e-002	-1.32e-002	0.00	2.24	-2.03
	625	3.66	1.20e-002	1.32e-002	0.00	-0.79	0.72
18	10	-3.66	-1.20e-002	-1.32e-002	0.00	3.16	-2.87
	678	3.66	1.20e-002	1.32e-002	0.00	-2.24	2.03
19	627	3.89	-3.16e-002	3.14e-002	0.00	-1.88	-1.90
	710	-3.89	3.16e-002	-3.14e-002	0.00	0.00	0.00
20	625	-3.66	-1.20e-002	-1.32e-002	0.00	0.79	-0.72
	60	3.66	1.20e-002	1.32e-002	0.00	0.00	0.00
21	138	-1.99	-5.57e-002	3.95e-002	0.00	-9.47	-13.36
	701	1.99	5.57e-002	-3.95e-002	0.00	0.00	0.00
22	134	2.07	-1.92e-002	-1.97e-002	0.00	4.73	-4.61
	698	-2.07	1.92e-002	1.97e-002	0.00	0.00	0.00
23	624	0.34	2.85e-002	7.81e-003	-1.24e-003	-0.54	3.92
	623	-0.34	-2.85e-002	-7.81e-003	1.24e-003	-0.33	-0.72
24	624	-0.22	-7.49e-002	5.93e-003	0.00	-0.59	-7.49
	703	0.22	7.49e-002	-5.93e-003	0.00	0.00	0.00
25	696	-0.19	0.27	-1.88e-003	-0.54	-0.33	25.80
	624	0.19	-0.27	1.88e-003	0.54	0.59	11.41
26	623	-0.14	0.10	2.18e-002	0.00	-2.18	10.29
	702	0.14	-0.10	-2.18e-002	0.00	0.00	0.00
27	697	-0.17	-0.24	2.96e-002	-0.33	-6.32	-22.29
	623	0.17	0.24	-2.96e-002	0.33	2.18	-11.01
28	166	-0.68	9.85e-005	6.99e-014	3.26e-003	-1.37	-8702.32
	110	0.68	224.00	-6.99e-014	-3.26e-003	1.37	-257.67
29	118	-0.68	224.00	7.06e-014	3.26e-003	-1.37	257.69
	166	0.68	-9.85e-005	-7.06e-014	-3.26e-003	1.37	8702.32
30	158	0.17	3.55e-007	7.24e-014	3.26e-003	0.30	-8957.02

	69	-0.17	224.00	-7.24e-014	-3.26e-003	-0.30	-2.98
31	74	0.17	224.00	6.75e-014	3.26e-003	0.30	2.98
	158	-0.17	-3.55e-007	-6.75e-014	-3.26e-003	-0.30	8957.02
32	153	-3.23e-002	-2.06e-008	6.58e-014	3.26e-003	-6.39e-002	-8959.97
	70	3.23e-002	224.00	-6.58e-014	-3.26e-003	6.39e-002	-3.10e-002
33	81	-3.23e-002	224.00	5.96e-014	3.26e-003	-6.39e-002	3.10e-002
	153	3.23e-002	2.06e-008	-5.96e-014	-3.26e-003	6.39e-002	8959.97
34	145	6.83e-003	2.88e-007	4.40e-014	3.26e-003	1.37e-002	-8960.00
	73	-6.83e-003	224.00	-4.40e-014	-3.26e-003	-1.37e-002	-3.00e-004
35	89	6.83e-003	224.00	4.60e-014	3.26e-003	1.37e-002	3.46e-004
	145	-6.83e-003	-2.88e-007	-4.60e-014	-3.26e-003	-1.37e-002	8960.00
36	136	-1.15e-003	7.70e-005	3.37e-014	3.27e-003	-5.04e-003	-8960.00
	97	1.15e-003	224.00	-3.37e-014	-3.27e-003	5.04e-003	6.16e-003
37	105	-1.15e-003	224.00	2.77e-014	3.27e-003	-5.04e-003	6.16e-003
	136	1.15e-003	-7.70e-005	-2.77e-014	-3.27e-003	5.04e-003	8960.00
38	118	1.82e-012	336.00	0.15	-3.02	-7.97	-9807.00
	74	-1.82e-012	-336.00	-0.15	3.02	-1.90	32524.80
39	579	3.64e-012	560.00	-0.53	-260.70	0.00	0.00
	118	-3.64e-012	-560.00	0.53	260.70	9.34	9807.00
40	110	3.18e-012	336.00	-0.15	3.00	7.97	-9807.00
	69	-3.18e-012	-336.00	0.15	-3.00	1.90	32524.80
41	516	1.82e-012	560.00	0.53	260.68	0.00	0.00
	110	-1.82e-012	-560.00	-0.53	-260.68	-9.34	9807.00
42	105	1.82e-012	-560.00	-3.95e-014	5.68e-014	6.63e-013	-9807.00
	68	-1.82e-012	560.00	3.95e-014	-5.68e-014	-2.66e-013	0.00
43	89	2.27e-012	-336.00	-1.15e-003	-6.16e-003	7.29e-002	-32524.80
	105	-2.27e-012	336.00	1.15e-003	6.16e-003	5.04e-003	9807.00
44	97	1.82e-012	-560.00	-2.44e-015	-5.68e-014	3.48e-013	-9807.00
	67	-1.82e-012	560.00	2.44e-015	5.68e-014	-4.41e-013	0.00
45	73	2.73e-012	-336.00	1.15e-003	-6.16e-003	-7.29e-002	-32524.80
	97	-2.73e-012	336.00	-1.15e-003	6.16e-003	-5.04e-003	9807.00
46	81	1.82e-012	-112.00	5.67e-003	-6.51e-003	-0.34	-40938.80
	89	-1.82e-012	112.00	-5.67e-003	6.51e-003	-8.66e-002	32524.80
47	74	2.73e-012	112.00	-2.67e-002	-3.75e-002	1.60	-32524.80
	81	-2.73e-012	-112.00	2.67e-002	3.75e-002	0.40	40938.80
48	70	2.73e-012	-112.00	-5.67e-003	-5.86e-003	0.34	-40938.80
	73	-2.73e-012	112.00	5.67e-003	5.86e-003	8.66e-002	32524.80
49	69	3.18e-012	112.00	2.67e-002	2.52e-002	-1.60	-32524.80
	70	-3.18e-012	-112.00	-2.67e-002	-2.52e-002	-0.40	40938.80
50	63	3.13e-002	-0.15	-2.10e-005	-1.69e-002	-4.42e-004	1.02
	700	-3.13e-002	0.15	2.10e-005	1.69e-002	1.95e-003	-11.40
51	698	1.94e-002	-0.17	-8.99e-006	1.54e-002	7.53e-004	-15.37
	66	-1.94e-002	0.17	8.99e-006	-1.54e-002	-1.09e-004	3.04
52	65	-2.67e-002	-0.17	9.98e-005	2.00e-002	-2.75e-003	2.50
	701	2.67e-002	0.17	-9.98e-005	-2.00e-002	-4.40e-003	-14.82
53	699	-3.26e-002	-0.14	4.56e-005	-1.51e-002	-1.37e-003	-12.50
	64	3.26e-002	0.14	-4.56e-005	1.51e-002	-1.89e-003	2.82
54	65	2.33e-002	-0.26	4.36e-004	-1.38e-003	-9.74e-003	-13.68
	710	-2.33e-002	0.26	-4.36e-004	1.38e-003	-1.38e-002	-0.31
55	63	2.72e-002	1.02e-002	5.26e-005	3.05e-004	-2.55e-003	-7.93
	65	-2.72e-002	-1.02e-002	-5.26e-005	-3.05e-004	-3.34e-003	9.07
56	58	3.01e-002	0.22	5.61e-004	3.13e-003	-1.61e-002	0.25
	63	-3.01e-002	-0.22	-5.61e-004	-3.13e-003	-1.41e-002	11.81

57	66	1.53e-002	0.18	3.10e-004	-1.42e-003	-8.13e-003	9.36
	60	-1.53e-002	-0.18	-3.10e-004	1.42e-003	-8.60e-003	0.31
58	64	3.89e-003	8.40e-003	4.58e-005	-1.54e-003	-2.31e-003	5.16
	66	-3.89e-003	-8.40e-003	-4.58e-005	1.54e-003	-2.82e-003	-4.21
59	59	3.91e-003	-0.18	6.89e-004	1.04e-003	-2.11e-002	-0.27
	64	-3.91e-003	0.18	-6.89e-004	-1.04e-003	-1.62e-002	-9.42
60	706	-6.44e-003	0.14	-3.55e-004	-1.17e-002	9.68e-003	-0.19
	66	6.44e-003	-0.14	3.55e-004	1.17e-002	6.99e-003	6.89
61	66	-1.93e-002	-0.25	-5.58e-005	1.53e-002	3.00e-003	-11.67
	65	1.93e-002	0.25	5.58e-005	-1.53e-002	3.13e-003	-15.32
62	65	-2.58e-002	0.23	-8.04e-004	-1.27e-002	1.77e-002	11.03
	702	2.58e-002	-0.23	8.04e-004	1.27e-002	2.01e-002	-0.17
63	63	-3.73e-003	0.20	-2.27e-004	9.32e-003	3.36e-003	9.41
	703	3.73e-003	-0.20	2.27e-004	-9.32e-003	7.30e-003	-0.14
64	64	-8.58e-003	-0.22	-1.41e-004	-1.31e-002	7.56e-003	-11.23
	63	8.58e-003	0.22	1.41e-004	1.31e-002	7.98e-003	-13.11
65	707	-1.10e-002	0.15	-5.44e-004	1.21e-002	1.43e-002	-0.14
	64	1.10e-002	-0.15	5.44e-004	-1.21e-002	1.12e-002	7.30
77	702	8.32e-002	7.76e-002	3.97e-003	0.18	2.23e-002	-7.10
	701	-8.32e-002	-7.76e-002	-3.97e-003	-0.18	-0.24	11.29
78	703	-1.89e-002	-1.63e-002	-1.30e-005	7.20e-003	4.39e-002	-8.93
	702	1.89e-002	1.63e-002	1.30e-005	-7.20e-003	-4.24e-002	7.11
79	700	5.63e-002	4.60e-003	2.18e-003	-0.14	-6.67e-002	-8.67
	703	-5.63e-002	-4.60e-003	-2.18e-003	0.14	-5.12e-002	8.92
80	706	2.06e-003	-0.30	2.92e-003	0.18	-4.24e-002	-4.25
	698	-2.06e-003	0.30	-2.92e-003	-0.18	-0.12	-11.70
81	707	1.05e-002	7.47e-002	-9.53e-004	-1.18e-002	7.41e-002	4.13
	706	-1.05e-002	-7.47e-002	9.53e-004	1.18e-002	3.27e-002	4.24
82	699	1.68e-002	0.10	5.54e-003	-0.15	-0.21	9.52
	707	-1.68e-002	-0.10	-5.54e-003	0.15	-8.84e-002	-4.12
83	710	-1.79e-002	2.09	-7.44e-003	-0.12	0.11	88.25
	701	1.79e-002	-2.09	7.44e-003	0.12	0.24	9.92
84	60	-4.89e-002	-1.54	8.14e-004	0.19	5.34e-003	-81.16
	710	4.89e-002	1.54	-8.14e-004	-0.19	-9.48e-002	-88.26
85	698	-3.54e-002	1.95	-2.50e-003	-0.12	0.11	10.28
	60	3.54e-002	-1.95	2.50e-003	0.12	3.26e-003	81.16
86	58	-2.99e-002	1.73	4.84e-003	8.52e-002	-0.29	73.57
	700	2.99e-002	-1.73	-4.84e-003	-8.52e-002	6.48e-002	7.63
87	59	-3.86e-003	-1.32	-4.59e-003	-0.17	0.20	-71.80
	58	3.86e-003	1.32	4.59e-003	0.17	0.31	-73.57
88	699	2.10e-002	1.71	-7.76e-004	0.10	0.21	8.37
	59	-2.10e-002	-1.71	7.76e-004	-0.10	-0.18	71.80
89	708	-3.21	9.70e-005	-2.56e-002	0.00	6.14	2.33e-002
	59	3.21	-9.70e-005	2.56e-002	0.00	0.00	0.00
90	709	3.27	3.95e-002	-2.66e-002	0.00	6.37	9.48
	58	-3.27	-3.95e-002	2.66e-002	0.00	0.00	0.00
95	704	0.13	-6.82e-003	-4.46e-003	0.00	1.07	-1.64
	707	-0.13	6.82e-003	4.46e-003	0.00	0.00	0.00
96	705	-0.23	-8.83e-003	-1.03e-002	0.00	2.48	-2.12
	706	0.23	8.83e-003	1.03e-002	0.00	0.00	0.00
101	142	1.67	-8.51e-003	-5.94e-003	0.00	1.42	-2.04
	699	-1.67	8.51e-003	5.94e-003	0.00	0.00	0.00
102	131	-1.58	7.51e-002	7.13e-003	0.00	-1.71	18.02

	700	1.58	-7.51e-002	-7.13e-003	0.00	0.00	0.00
217	280	-4.78	-0.64	3.90e-002	7.73e-004	-1.61	-28.58
	274	4.78	0.64	-3.90e-002	-7.73e-004	-1.74	-26.75
218	127	7.60	-3.73	2.53e-002	8.39e-003	-1.30	-158.55
	616	-7.60	3.73	-2.53e-002	-8.39e-003	-0.88	-162.32
219	404	-1.86	0.19	4.86e-002	-1.91e-004	-2.41	8.27
	428	1.86	-0.19	-4.86e-002	1.91e-004	-1.96	9.14
224	62	0.22	-1.85	5.03e-002	-1.32e-003	-2.24	-79.76
	608	-0.22	1.85	-5.03e-002	1.32e-003	-2.09	-79.56
225	112	5.21	-2.62	-6.76e-003	-2.77e-003	0.10	-114.09
	612	-5.21	2.62	6.76e-003	2.77e-003	0.48	-111.62
226	400	-3.28	0.14	4.44e-002	1.94e-003	-2.10	6.83
	420	3.28	-0.14	-4.44e-002	-1.94e-003	-1.90	6.19
227	396	0.12	7.28e-002	9.69e-003	2.75e-003	-0.53	3.70
	412	-0.12	-7.28e-002	-9.69e-003	-2.75e-003	-0.34	2.85
686	288	-0.74	-1.21	5.43e-002	2.46e-003	-2.33	-52.07
	283	0.74	1.21	-5.43e-002	-2.46e-003	-2.34	-51.57
91	709	-12.69	2.05	0.12	-5.72	-2.09	57.88
	40	12.69	-2.05	-0.12	5.72	-0.96	-6.72
92	132	-22.73	6.17	5.14e-002	-5.00	-3.21	122.45
	709	22.73	-6.17	-5.14e-002	5.00	2.59	-48.38
93	708	2.31	-0.84	-2.62e-002	-2.24	-3.28	-28.98
	53	-2.31	0.84	2.62e-002	2.24	3.94	7.87
94	139	7.94	-4.55	-1.04e-002	-3.00	-4.81	-91.81
	708	-7.94	4.55	1.04e-002	3.00	4.93	37.19
97	705	4.22	0.62	-5.60e-003	0.29	-0.91	-5.61
	150	-4.22	-0.62	5.60e-003	-0.29	0.97	12.47
98	5	3.21	0.27	7.73e-003	-0.32	-1.14	-2.20
	705	-3.21	-0.27	-7.73e-003	0.32	0.95	8.71
99	704	2.51	3.87e-002	-6.83e-002	1.82	-4.97	-0.51
	147	-2.51	-3.87e-002	6.83e-002	-1.82	5.72	0.93
100	160	2.08	0.14	-2.63e-002	1.55	-3.94	0.13
	704	-2.08	-0.14	2.63e-002	-1.55	4.57	3.23
103	697	-7.92e-002	0.42	-2.34e-003	-1.05e-003	8.45e-002	1.23
	146	7.92e-002	-0.42	2.34e-003	1.05e-003	-7.04e-002	1.30
104	25	0.92	6.06e-002	2.10e-002	0.40	-0.29	-3.68
	697	-0.92	-6.06e-002	-2.10e-002	-0.40	-0.21	5.14
105	696	-6.98e-002	0.38	-8.89e-003	0.90	8.86e-002	1.12
	143	6.98e-002	-0.38	8.89e-003	-0.90	-3.53e-002	1.16
106	33	1.20	-3.39e-002	-6.92e-002	0.94	0.88	-5.26
	696	-1.20	3.39e-002	6.92e-002	-0.94	0.78	4.45
107	205	-3.48e-009	3.97e-012	2.29e-012	-1.59e-010	-2.11e-011	-1.71e-010
	222	3.48e-009	-3.97e-012	-2.29e-012	1.59e-010	-4.77e-011	2.90e-010
108	212	-7.78e-009	-1.88e-012	-2.07e-012	1.53e-010	5.39e-011	-2.70e-010
	204	7.78e-009	1.88e-012	2.07e-012	-1.53e-010	8.28e-012	2.14e-010
109	312	4.08e-008	2.01e-011	8.33e-012	-2.78e-010	-1.49e-010	6.15e-010
	205	-4.08e-008	-2.01e-011	-8.33e-012	2.78e-010	-1.28e-010	5.65e-011
110	308	4.92e-008	-1.17e-012	6.21e-014	-7.97e-012	-3.96e-011	1.44e-010
	312	-4.92e-008	1.17e-012	-6.21e-014	7.97e-012	3.75e-011	-1.83e-010
111	204	2.35e-008	-2.37e-011	-7.87e-012	2.56e-010	1.30e-010	-2.20e-010
	308	-2.35e-008	2.37e-011	7.87e-012	-2.56e-010	1.32e-010	-5.71e-010
112	32	-1.72e-008	9.90e-012	1.83e-012	-9.27e-011	-1.47e-010	4.13e-010
	143	1.72e-008	-9.90e-012	-1.83e-012	9.27e-011	7.91e-011	-4.69e-011

113	30	-7.65e-009	-4.53e-011	-2.89e-013	4.26e-011	-2.40e-010	-1.33e-009
	32	7.65e-009	4.53e-011	2.89e-013	-4.26e-011	2.50e-010	-3.45e-010
114	364	8.53e-007	-4.06e-010	-8.48e-012	2.42e-010	1.68e-010	-1.06e-008
	30	-8.53e-007	4.06e-010	8.48e-012	-2.42e-010	1.45e-010	-4.39e-009
115	27	-2.26e-008	-1.13e-011	4.47e-013	5.61e-014	-5.22e-011	-4.56e-010
	146	2.26e-008	1.13e-011	-4.47e-013	-5.61e-014	3.57e-011	3.78e-011
116	26	-2.45e-008	5.07e-011	-9.30e-013	-2.61e-011	-2.50e-011	1.36e-009
	27	2.45e-008	-5.07e-011	9.30e-013	2.61e-011	5.94e-011	5.17e-010
117	365	8.46e-007	4.20e-010	-8.61e-012	-1.22e-010	3.81e-010	1.08e-008
	26	-8.46e-007	-4.20e-010	8.61e-012	1.22e-010	-6.25e-011	4.70e-009
118	3	-2.94e-008	8.59e-012	-2.56e-013	-2.05e-011	2.05e-012	-3.85e-011
	150	2.94e-008	-8.59e-012	2.56e-013	2.05e-011	7.42e-012	3.56e-010
119	168	-3.05e-008	8.14e-012	-1.27e-012	-4.94e-011	4.01e-011	1.45e-010
	3	3.05e-008	-8.14e-012	1.27e-012	4.94e-011	6.87e-012	1.56e-010
120	367	-3.80e-008	8.28e-012	-1.77e-012	-4.91e-011	1.17e-010	1.43e-010
	168	3.80e-008	-8.28e-012	1.77e-012	4.91e-011	-5.10e-011	1.64e-010
121	428	-4.78e-008	4.26e-012	-1.71e-012	-3.85e-011	2.12e-010	1.24e-010
	367	4.78e-008	-4.26e-012	1.71e-012	3.85e-011	-1.33e-010	7.39e-011
122	426	-6.14e-008	8.18e-012	-1.07e-012	-4.69e-011	2.80e-010	2.00e-010
	428	6.14e-008	-8.18e-012	1.07e-012	4.69e-011	-2.30e-010	1.81e-010
123	424	-6.52e-008	3.59e-012	-8.96e-013	-3.56e-011	3.38e-010	1.42e-010
	426	6.52e-008	-3.59e-012	8.96e-013	3.56e-011	-2.96e-010	2.47e-011
124	422	-7.52e-008	3.35e-012	-5.23e-013	-2.58e-011	3.69e-010	1.39e-010
	424	7.52e-008	-3.35e-012	5.23e-013	2.58e-011	-3.45e-010	1.69e-011
125	420	-8.95e-008	-2.33e-013	-4.23e-013	-1.83e-011	3.88e-010	4.34e-011
	422	8.95e-008	2.33e-013	4.23e-013	1.83e-011	-3.68e-010	-5.43e-011
126	418	-1.01e-007	6.53e-012	7.24e-014	-3.40e-011	3.84e-010	1.67e-010
	420	1.01e-007	-6.53e-012	-7.24e-014	3.40e-011	-3.87e-010	1.37e-010
127	416	-9.95e-008	5.25e-013	-3.32e-014	-2.97e-011	3.87e-010	5.87e-011
	418	9.95e-008	-5.25e-013	3.32e-014	2.97e-011	-3.85e-010	-3.43e-011
128	414	-1.02e-007	4.22e-013	3.67e-014	-2.73e-011	3.84e-010	5.17e-011
	416	1.02e-007	-4.22e-013	-3.67e-014	2.73e-011	-3.86e-010	-3.20e-011
129	412	-1.04e-007	1.15e-012	6.48e-014	-2.55e-011	3.78e-010	6.98e-011
	414	1.04e-007	-1.15e-012	-6.48e-014	2.55e-011	-3.81e-010	-1.63e-011
130	410	-1.10e-007	9.21e-013	1.68e-013	-2.68e-011	3.67e-010	4.31e-011
	412	1.10e-007	-9.21e-013	-1.68e-013	2.68e-011	-3.75e-010	-2.70e-013
131	408	-1.14e-007	6.06e-013	6.46e-014	-2.22e-011	3.62e-010	2.93e-011
	410	1.14e-007	-6.06e-013	-6.46e-014	2.22e-011	-3.65e-010	-1.11e-012
132	406	-1.18e-007	8.66e-013	-7.22e-013	-2.34e-011	3.86e-010	2.79e-011
	408	1.18e-007	-8.66e-013	7.22e-013	2.34e-011	-3.53e-010	1.24e-011
133	293	-1.40e-007	-1.27e-011	-4.29e-012	-8.19e-011	5.37e-010	-4.23e-010
	406	1.40e-007	1.27e-011	4.29e-012	8.19e-011	-3.37e-010	-1.70e-010
134	164	-4.87e-009	6.86e-012	-1.05e-012	-1.20e-010	-6.21e-012	1.15e-010
	147	4.87e-009	-6.86e-012	1.05e-012	1.20e-010	4.52e-011	1.39e-010
135	163	-2.31e-008	-6.58e-012	-1.88e-012	-4.08e-012	4.09e-011	-7.91e-011
	164	2.31e-008	6.58e-012	1.88e-012	4.08e-012	2.85e-011	-1.65e-010
136	366	-2.92e-008	-6.85e-012	-2.68e-012	4.10e-011	1.61e-010	-1.26e-010
	163	2.92e-008	6.85e-012	2.68e-012	-4.10e-011	-6.19e-011	-1.27e-010
137	404	-4.15e-008	-2.73e-013	-1.26e-012	3.11e-011	2.60e-010	6.17e-012
	366	4.15e-008	2.73e-013	1.26e-012	-3.11e-011	-2.02e-010	-1.89e-011
138	403	-5.01e-008	-4.17e-012	-9.54e-013	-1.31e-011	2.97e-010	-1.17e-010
	404	5.01e-008	4.17e-012	9.54e-013	1.31e-011	-2.53e-010	-7.68e-011
139	402	-6.23e-008	-3.20e-012	-9.11e-013	3.23e-012	3.41e-010	-7.69e-011

	403	6.23e-008	3.20e-012	9.11e-013	-3.23e-012	-2.98e-010	-7.20e-011
140	401	-7.36e-008	-3.02e-012	-8.85e-013	1.20e-011	4.01e-010	-7.34e-011
	402	7.36e-008	3.02e-012	8.85e-013	-1.20e-011	-3.60e-010	-6.72e-011
141	400	-8.96e-008	3.06e-012	-2.13e-014	-2.81e-012	4.21e-010	1.09e-010
	401	8.96e-008	-3.06e-012	2.13e-014	2.81e-012	-4.20e-010	3.38e-011
142	399	-9.47e-008	-3.73e-012	2.59e-015	-3.60e-011	4.02e-010	-6.20e-011
	400	9.47e-008	3.73e-012	-2.59e-015	3.60e-011	-4.02e-010	-1.11e-010
143	398	-9.63e-008	-3.55e-013	1.99e-014	-2.46e-011	3.91e-010	2.07e-011
	399	9.63e-008	3.55e-013	-1.99e-014	2.46e-011	-3.92e-010	-3.72e-011
144	397	-9.77e-008	-2.29e-013	2.07e-014	-2.18e-011	3.93e-010	2.30e-011
	398	9.77e-008	2.29e-013	-2.07e-014	2.18e-011	-3.94e-010	-3.37e-011
145	396	-1.01e-007	3.07e-013	3.86e-013	-3.24e-011	3.73e-010	4.81e-011
	397	1.01e-007	-3.07e-013	-3.86e-013	3.24e-011	-3.91e-010	-3.38e-011
146	395	-1.02e-007	5.20e-013	3.21e-013	-4.19e-011	3.39e-010	5.03e-011
	396	1.02e-007	-5.20e-013	-3.21e-013	4.19e-011	-3.54e-010	-2.61e-011
147	394	-1.07e-007	-4.90e-013	2.02e-014	-3.85e-011	3.34e-010	4.64e-011
	395	1.07e-007	4.90e-013	-2.02e-014	3.85e-011	-3.35e-010	-6.92e-011
148	393	-1.09e-007	-5.87e-013	-7.63e-013	-4.27e-011	3.65e-010	4.57e-011
	394	1.09e-007	5.87e-013	7.63e-013	4.27e-011	-3.30e-010	-7.30e-011
149	292	-1.28e-007	1.33e-011	-4.48e-012	-1.45e-011	5.21e-010	4.94e-010
	393	1.28e-007	-1.33e-011	4.48e-012	1.45e-011	-3.13e-010	1.24e-010
150	221	-1.64e-007	3.53e-011	7.88e-012	4.83e-011	3.84e-010	2.56e-010
	205	1.64e-007	-3.53e-011	-7.88e-012	-4.83e-011	-6.13e-010	7.66e-010
151	219	-1.37e-007	-1.70e-013	1.05e-012	-3.39e-011	3.55e-010	-1.27e-011
	221	1.37e-007	1.70e-013	-1.05e-012	3.39e-011	-4.01e-010	5.20e-012
152	217	-1.36e-007	4.26e-013	-9.54e-014	-4.08e-011	3.69e-010	-8.73e-012
	219	1.36e-007	-4.26e-013	9.54e-014	4.08e-011	-3.65e-010	2.75e-011
153	180	-1.36e-007	1.03e-013	-6.07e-013	-3.18e-011	3.96e-010	-1.50e-011
	217	1.36e-007	-1.03e-013	6.07e-013	3.18e-011	-3.70e-010	1.95e-011
154	57	-1.58e-007	-1.55e-011	-2.04e-012	-4.03e-011	4.50e-010	-5.36e-010
	180	1.58e-007	1.55e-011	2.04e-012	4.03e-011	-3.50e-010	-2.22e-010
155	215	-1.56e-007	-4.11e-011	7.35e-012	-3.76e-011	3.65e-010	-2.54e-010
	204	1.56e-007	4.11e-011	-7.35e-012	3.76e-011	-5.78e-010	-9.37e-010
156	214	-1.23e-007	5.62e-013	1.26e-013	4.31e-011	3.80e-010	6.73e-011
	215	1.23e-007	-5.62e-013	-1.26e-013	-4.31e-011	-3.86e-010	-4.26e-011
157	213	-1.15e-007	-1.68e-013	-5.40e-013	3.54e-011	4.52e-010	2.77e-011
	214	1.15e-007	1.68e-013	5.40e-013	-3.54e-011	-4.28e-010	-3.50e-011
158	179	-1.12e-007	-1.50e-013	5.85e-013	-3.96e-011	4.36e-010	1.02e-011
	213	1.12e-007	1.50e-013	-5.85e-013	3.96e-011	-4.62e-010	-1.68e-011
159	56	-1.33e-007	1.20e-011	-7.17e-013	-8.16e-011	3.46e-010	4.44e-010
	179	1.33e-007	-1.20e-011	7.17e-013	8.16e-011	-3.11e-010	1.45e-010
160	42	2.80e-007	-2.26e-012	-1.34e-010	2.96e-010	2.75e-010	-1.21e-010
	132	-2.80e-007	2.26e-012	1.34e-010	-2.96e-010	4.67e-009	3.74e-011
161	41	2.02e-007	-2.65e-012	-2.87e-011	1.69e-010	4.01e-010	-3.40e-010
	42	-2.02e-007	2.65e-012	2.87e-011	-1.69e-010	6.60e-010	2.42e-010
162	357	1.82e-007	-2.14e-012	-3.80e-011	1.58e-010	4.92e-010	-4.35e-010
	41	-1.82e-007	2.14e-012	3.80e-011	-1.58e-010	9.13e-010	3.56e-010
163	616	1.02e-007	3.43e-012	-4.45e-011	-4.27e-012	1.68e-009	-2.44e-010
	357	-1.02e-007	-3.43e-012	4.45e-011	4.27e-012	3.95e-010	4.04e-010
164	615	1.57e-007	4.02e-012	-5.33e-011	-3.72e-011	1.53e-009	2.02e-010
	616	-1.57e-007	-4.02e-012	5.33e-011	3.72e-011	9.48e-010	-1.52e-011
165	614	1.48e-007	-4.11e-013	-3.05e-012	5.94e-011	7.17e-010	1.98e-010
	615	-1.48e-007	4.11e-013	3.05e-012	-5.94e-011	-5.75e-010	-2.17e-010

166	613	1.92e-007	-1.56e-012	-2.42e-012	1.13e-011	5.27e-010	5.19e-011
	614	-1.92e-007	1.56e-012	2.42e-012	-1.13e-011	-4.14e-010	-1.24e-010
167	612	2.09e-007	-8.24e-013	-1.72e-011	-4.15e-011	1.01e-009	7.19e-012
	613	-2.09e-007	8.24e-013	1.72e-011	4.15e-011	-2.09e-010	-4.55e-011
168	611	2.91e-007	-1.21e-013	-2.82e-011	-5.28e-011	7.41e-010	-2.74e-012
	612	-2.91e-007	1.21e-013	2.82e-011	5.28e-011	5.71e-010	-2.89e-012
169	610	2.66e-007	2.19e-013	9.19e-013	-5.21e-011	3.36e-010	1.26e-011
	611	-2.66e-007	-2.19e-013	-9.19e-013	5.21e-011	-3.79e-010	-2.39e-012
170	609	2.60e-007	1.71e-013	8.83e-013	-4.34e-011	3.13e-010	2.47e-011
	610	-2.60e-007	-1.71e-013	-8.83e-013	4.34e-011	-3.54e-010	-1.68e-011
171	608	2.43e-007	1.73e-013	-1.42e-011	-3.31e-011	8.48e-010	3.14e-011
	609	-2.43e-007	-1.73e-013	1.42e-011	3.31e-011	-1.87e-010	-2.34e-011
172	607	2.88e-007	-2.80e-013	-1.47e-011	-4.78e-011	5.20e-010	1.57e-011
	608	-2.88e-007	2.80e-013	1.47e-011	4.78e-011	1.66e-010	-2.87e-011
173	606	2.70e-007	4.94e-014	1.09e-012	-4.09e-011	3.31e-010	2.00e-011
	607	-2.70e-007	-4.94e-014	-1.09e-012	4.09e-011	-3.81e-010	-1.77e-011
174	605	2.64e-007	9.00e-014	8.85e-013	-3.38e-011	3.20e-010	2.56e-011
	606	-2.64e-007	-9.00e-014	-8.85e-013	3.38e-011	-3.62e-010	-2.14e-011
175	283	2.51e-007	1.97e-013	-1.05e-011	-2.32e-011	7.19e-010	3.29e-011
	605	-2.51e-007	-1.97e-013	1.05e-011	2.32e-011	-2.28e-010	-2.37e-011
176	350	2.82e-007	-3.42e-013	-1.06e-011	-3.83e-011	4.55e-010	1.61e-011
	283	-2.82e-007	3.42e-013	1.06e-011	3.83e-011	-1.92e-012	-3.07e-011
177	349	2.72e-007	-4.76e-014	1.66e-013	-2.79e-011	3.56e-010	1.53e-011
	350	-2.72e-007	4.76e-014	-1.66e-013	2.79e-011	-3.63e-010	-1.73e-011
178	195	2.72e-007	6.01e-014	1.37e-013	-1.54e-011	3.24e-010	2.22e-011
	349	-2.72e-007	-6.01e-014	-1.37e-013	1.54e-011	-3.32e-010	-1.88e-011
179	274	2.56e-007	2.83e-013	-4.02e-011	3.08e-012	1.14e-009	2.50e-011
	195	-2.56e-007	-2.83e-013	4.02e-011	-3.08e-012	3.01e-011	-1.68e-011
180	273	2.97e-007	-4.51e-013	-5.10e-012	3.61e-012	3.59e-010	2.42e-012
	274	-2.97e-007	4.51e-013	5.10e-012	-3.61e-012	-1.35e-010	-2.23e-011
181	272	3.20e-007	2.64e-013	-5.98e-012	1.91e-011	4.19e-010	9.37e-012
	273	-3.20e-007	-2.64e-013	5.98e-012	-1.91e-011	-1.56e-010	2.26e-012
182	170	3.95e-007	2.72e-012	2.58e-011	-1.37e-011	-7.20e-010	1.24e-010
	272	-3.95e-007	-2.72e-012	-2.58e-011	1.37e-011	-4.18e-010	-4.43e-012
183	52	-1.88e-007	4.49e-013	-1.35e-010	1.54e-010	7.39e-010	-2.42e-011
	139	1.88e-007	-4.49e-013	1.35e-010	-1.54e-010	4.27e-009	4.08e-011
184	50	-1.77e-008	1.64e-013	1.41e-011	6.24e-011	-8.13e-011	8.66e-012
	52	1.77e-008	-1.64e-013	-1.41e-011	-6.24e-011	-4.41e-010	-2.58e-012
185	362	4.62e-008	-4.37e-013	1.66e-011	3.83e-011	-3.09e-010	-1.10e-011
	50	-4.62e-008	4.37e-013	-1.66e-011	-3.83e-011	-3.07e-010	-5.11e-012
186	127	1.45e-007	-3.28e-013	-2.90e-011	3.22e-011	1.28e-009	-2.68e-011
	362	-1.45e-007	3.28e-013	2.90e-011	-3.22e-011	7.23e-011	1.15e-011
187	124	1.02e-007	1.71e-013	-1.39e-011	1.22e-011	3.12e-010	-1.13e-011
	127	-1.02e-007	-1.71e-013	1.39e-011	-1.22e-011	3.37e-010	1.93e-011
188	120	1.55e-007	-5.56e-015	6.50e-012	4.72e-012	1.97e-010	-5.48e-012
	124	-1.55e-007	5.56e-015	-6.50e-012	-4.72e-012	-5.00e-010	5.22e-012
189	116	1.88e-007	-1.66e-014	5.50e-012	2.79e-013	2.23e-010	-2.32e-012
	120	-1.88e-007	1.66e-014	-5.50e-012	-2.79e-013	-4.78e-010	1.55e-012
190	112	2.38e-007	1.84e-013	-2.41e-011	-4.63e-012	1.23e-009	1.34e-011
	116	-2.38e-007	-1.84e-013	2.41e-011	4.63e-012	-1.15e-010	-4.79e-012
191	107	1.84e-007	1.67e-013	-1.37e-011	-1.30e-011	5.19e-010	2.86e-011
	112	-1.84e-007	-1.67e-013	1.37e-011	1.30e-011	1.17e-010	-2.08e-011
192	103	2.00e-007	2.83e-014	1.01e-012	-2.04e-011	3.88e-010	2.98e-011

	107	-2.00e-007	-2.83e-014	-1.01e-012	2.04e-011	-4.35e-010	-2.85e-011
193	99	2.02e-007	1.38e-014	5.22e-013	-2.02e-011	3.64e-010	2.89e-011
	103	-2.02e-007	-1.38e-014	-5.22e-013	2.02e-011	-3.88e-010	-2.83e-011
194	62	2.15e-007	-3.25e-014	-1.52e-011	-1.38e-011	8.99e-010	3.02e-011
	99	-2.15e-007	3.25e-014	1.52e-011	1.38e-011	-1.92e-010	-3.17e-011
195	622	1.66e-007	4.89e-013	-1.48e-011	-2.99e-011	5.37e-010	5.75e-011
	62	-1.66e-007	-4.89e-013	1.48e-011	2.99e-011	1.51e-010	-3.47e-011
196	620	1.77e-007	2.36e-013	4.73e-013	-1.87e-011	3.42e-010	6.92e-011
	622	-1.77e-007	-2.36e-013	-4.73e-013	1.87e-011	-3.64e-010	-5.82e-011
197	618	1.77e-007	1.46e-014	1.49e-013	-7.59e-012	3.22e-010	7.54e-011
	620	-1.77e-007	-1.46e-014	-1.49e-013	7.59e-012	-3.29e-010	-7.47e-011
198	288	1.85e-007	-8.45e-013	-9.70e-012	-7.77e-012	6.68e-010	3.88e-011
	618	-1.85e-007	8.45e-013	9.70e-012	7.77e-012	-2.17e-010	-7.81e-011
199	354	1.53e-007	-6.81e-013	-1.36e-011	-3.33e-011	4.88e-010	-1.13e-011
	288	-1.53e-007	6.81e-013	1.36e-011	3.33e-011	9.38e-011	-1.77e-011
200	352	1.67e-007	-1.42e-013	1.13e-012	-1.72e-011	3.15e-010	-3.68e-011
	354	-1.67e-007	1.42e-013	-1.13e-012	1.72e-011	-3.63e-010	3.08e-011
201	200	1.73e-007	1.02e-012	6.42e-013	1.24e-011	3.22e-010	2.68e-011
	352	-1.73e-007	-1.02e-012	-6.42e-013	-1.24e-011	-3.59e-010	3.20e-011
202	280	1.79e-007	5.83e-013	1.01e-011	1.44e-011	2.35e-010	7.09e-011
	200	-1.79e-007	-5.83e-013	-1.01e-011	-1.44e-011	-5.27e-010	-5.41e-011
203	278	1.80e-007	-9.67e-014	-8.76e-012	-1.31e-011	4.84e-010	7.42e-011
	280	-1.80e-007	9.67e-014	8.76e-012	1.31e-011	-9.85e-011	-7.84e-011
204	276	2.20e-007	-6.14e-013	6.06e-012	-6.44e-012	2.97e-010	2.88e-011
	278	-2.20e-007	6.14e-013	-6.06e-012	6.44e-012	-5.64e-010	-5.58e-011
205	175	3.04e-007	2.98e-015	-4.85e-011	1.76e-011	2.01e-009	2.50e-011
	276	-3.04e-007	-2.98e-015	4.85e-011	-1.76e-011	1.27e-010	-2.49e-011
220	14	631.05	-14.17	16.27	0.00	-162.71	-141.74
	192	-631.05	14.17	-16.27	0.00	0.00	0.00
221	11	642.95	15.05	19.06	0.00	-190.56	150.53
	191	-642.95	-15.05	-19.06	0.00	0.00	0.00
222	4	-71.05	-11.65	-17.15	0.00	171.50	-116.54
	695	71.05	11.65	17.15	0.00	0.00	0.00
223	1	-82.95	10.78	-18.18	0.00	181.78	107.76
	694	82.95	-10.78	18.18	0.00	0.00	0.00
228	20	-1.53	8.52e-002	0.18	4.55	-5.47	-0.30
	138	1.53	-8.52e-002	-0.18	-4.55	-2.89	4.30
229	137	-7.28	0.43	-6.78e-002	2.08	-1.48	18.60
	20	7.28	-0.43	6.78e-002	-2.08	4.67	1.63
230	10	-7.98	-0.21	-1.07e-002	0.36	0.66	4.45
	135	7.98	0.21	1.07e-002	-0.36	-0.16	-14.48
231	134	-2.50	-0.23	-3.58e-003	-7.77e-003	2.04	-5.32
	10	2.50	0.23	3.58e-003	7.77e-003	-1.87	-5.49
232	131	-4.68	-1.68	-0.25	-6.34	10.03	-19.97
	40	4.68	1.68	0.25	6.34	-4.59	-16.93
233	53	1.09	-0.54	-5.97e-002	-0.81	-4.56	-9.63
	142	-1.09	0.54	5.97e-002	0.81	5.87	-2.15
234	33	-0.23	-0.27	0.15	0.38	0.52	-4.50
	131	0.23	0.27	-0.15	-0.38	-4.99	-3.51
235	25	-0.44	-0.13	-5.49e-002	0.92	-0.22	-1.64
	138	0.44	0.13	5.49e-002	-0.92	1.87	-2.40
236	5	1.10	-0.21	-2.21e-002	-2.02	1.62	-2.34
	134	-1.10	0.21	2.21e-002	2.02	-0.95	-3.92

237	160	0.89	2.73e-002	9.00e-002	2.48	3.42	1.07
	142	-0.89	-2.73e-002	-9.00e-002	-2.48	-6.12	-0.25
370	147	5.65	0.38	0.19	-1.07	-15.05	18.00
	150	-5.65	-0.38	-0.19	1.07	-1.86	15.75
372	139	-12.72	-7.14	-0.26	-10.07	12.06	-311.35
	132	12.72	7.14	0.26	10.07	10.03	-302.61

Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
1	53	-4.83e-003	-6.17e-003	5.68e-003	-0.11	-0.23	0.25
	51	-4.83e-003	4.23e-002	-9.91e-004	2.90e-002	-5.92e-002	0.14
	708	4.19e-003	-6.17e-003	-1.07e-002	-0.19	-0.12	0.37
2	708	2.52e-002	-2.80e-002	3.08e-003	4.76e-002	-0.58	0.28
	52	2.52e-002	0.18	-2.82e-002	9.13e-002	-0.50	0.24
	139	4.36e-002	-8.26e-003	-3.04e-002	4.17e-002	-0.54	0.30
3	132	-8.40e-002	6.06e-002	-2.43e-003	-0.16	0.32	0.74
	42	-8.40e-002	-0.16	-7.55e-002	-0.57	-2.50e-002	0.77
	709	-3.65e-002	6.06e-002	3.40e-002	-0.15	-0.16	0.62
4	3	5.90e-003	1.55e-002	3.93e-003	3.86e-002	-6.45e-002	-3.99e-002
	705	5.90e-003	-1.22e-002	8.90e-004	-1.98e-002	-4.92e-002	-3.43e-002
	150	7.57e-003	-9.99e-003	4.92e-003	-1.35e-002	-9.26e-002	-3.06e-002
5	164	1.46e-003	-4.81e-003	1.97e-003	-2.41e-002	0.42	-0.35
	147	1.46e-003	-6.70e-003	1.56e-003	-0.20	0.60	-0.28
	704	1.70e-003	-6.70e-003	1.84e-003	-0.19	-1.88e-002	-0.23
6	27	6.78e-003	4.16e-004	-3.91e-003	0.25	2.46e-002	-1.71e-003
	146	6.78e-003	2.93e-004	4.32e-003	0.17	1.41e-002	2.00e-004
	697	4.11e-003	2.93e-004	4.33e-003	0.17	-3.67e-002	-1.50e-003
7	32	5.16e-003	3.33e-004	-3.83e-003	-0.69	-0.17	-0.25
	143	5.16e-003	2.59e-004	3.83e-003	-0.37	2.14e-002	-0.23
	696	2.68e-003	2.59e-004	3.84e-003	-0.37	-0.18	-0.20
8	46	-3.23e-002	5.34e-003	3.18e-002	8.42e-002	-2.07e-002	-0.19
	133	-3.23e-002	-3.34e-002	2.25e-002	8.36e-002	-0.35	-0.15
	45	-2.65e-002	3.40e-003	3.74e-002	0.10	-0.59	-0.29
9	677	-0.10	-5.26e-002	5.19e-002	7.62	-0.24	-3.31
	71	-0.10	3.40e-002	5.90e-002	0.28	5.68e-002	-3.54
	680	-0.11	-2.23e-002	2.72e-002	4.91	1.18	-3.21
10	72	2.17e-003	8.52e-003	1.43e-003	1.69	-0.25	0.45
	82	2.17e-003	-2.27e-003	-8.06e-003	0.66	0.47	-0.15
	79	1.67e-002	6.31e-003	3.63e-003	1.02	1.84e-002	0.89
66	709	3.38e-002	-9.39e-003	9.07e-004	-0.27	-3.93e-004	-0.96
	40	3.38e-002	4.87e-003	2.96e-002	0.38	-1.69e-002	-0.75
	37	-5.12e-002	4.87e-003	1.91e-002	0.68	1.44	-0.78
67	42	-7.11e-003	-5.68e-002	8.26e-003	0.12	-0.83	-0.65
	37	-7.11e-003	1.82e-002	5.67e-003	0.23	-1.25	-0.22
	709	-1.93e-003	-3.25e-002	-3.01e-002	0.58	-0.10	-0.92
68	51	4.88e-003	-1.94e-002	2.44e-002	-0.18	0.12	-0.15
	52	4.88e-003	3.79e-002	1.62e-002	-2.17e-002	-2.10e-002	-0.27
	708	2.14e-002	1.93e-002	-9.80e-003	-0.19	-0.16	-0.37
69	5	-8.56e-003	1.39e-003	5.32e-003	-0.12	-4.44e-002	-2.57e-002
	705	-8.56e-003	1.81e-003	6.64e-004	-6.64e-002	-2.40e-002	-6.93e-002
	2	5.79e-003	1.39e-003	4.99e-003	-0.19	-0.22	5.71e-003
70	704	-2.77e-003	-1.80e-003	-3.77e-003	-0.27	1.10e-002	-0.29
	155	-2.77e-003	2.23e-003	-2.42e-003	0.11	0.20	-0.30
	160	-4.01e-003	-6.08e-004	-4.29e-003	-0.16	8.53e-002	-0.21
71	164	2.03e-003	-1.12e-003	1.19e-003	-0.22	9.12e-002	-7.10e-002
	704	2.03e-003	-5.42e-003	4.94e-004	-0.32	0.42	-0.17
	155	3.23e-003	-2.23e-003	2.88e-003	-0.33	0.33	0.19
72	2	-1.87e-003	2.16e-003	-1.57e-004	-0.22	0.11	4.02e-002
	705	-1.87e-003	2.80e-003	-5.14e-003	3.48e-002	8.48e-003	5.75e-002

	3	4.77e-003	2.43e-003	-2.52e-003	-0.10	5.18e-002	-2.28e-002
73	697	1.87e-003	-4.22e-003	-1.09e-003	-0.22	0.17	8.49e-002
	24	1.87e-003	1.33e-002	3.08e-003	4.03e-002	1.36e-002	0.10
	25	-1.94e-003	9.55e-004	-3.84e-003	-0.14	-1.66e-002	1.59e-002
74	27	2.56e-004	6.27e-003	-2.34e-003	7.29e-003	-0.19	-4.83e-002
	24	2.56e-004	-5.73e-003	-6.39e-003	-7.45e-002	-6.92e-002	-0.11
	697	1.02e-002	3.87e-003	4.25e-003	-8.96e-002	-0.17	9.37e-002
75	31	-1.36e-005	-5.96e-003	7.81e-003	0.27	-0.76	6.78e-002
	32	-1.36e-005	4.89e-003	2.95e-003	3.99e-002	-0.73	0.23
	696	1.20e-002	2.72e-003	-2.77e-003	0.29	-0.36	0.23
76	31	2.93e-003	1.43e-002	-2.56e-003	-0.34	-0.81	-0.50
	696	2.93e-003	-7.24e-003	2.39e-004	5.55e-002	-7.95e-002	-0.41
	33	3.80e-004	-8.48e-004	4.33e-003	-2.13e-002	-0.53	-0.10
238	686	3.49e-003	1.69e-003	3.90e-003	-30.65	27.78	-7.95
	685	3.49e-003	-6.69e-005	8.43e-003	-7.40	43.06	-7.29
	664	1.38e-002	-6.69e-005	8.49e-003	-0.40	4.84	-0.46
	675	1.38e-002	1.69e-003	3.96e-003	-36.77	-0.58	-1.12
239	641	-1.19e-004	3.48e-003	-1.18e-003	-15.15	39.33	-10.93
	638	-1.19e-004	-7.88e-004	-1.60e-003	11.24	35.60	-22.98
	685	3.49e-003	-7.88e-004	1.14e-003	-4.03	42.80	-19.81
	686	3.49e-003	3.48e-003	1.55e-003	-26.62	33.36	-7.77
240	684	8.86e-003	1.69e-003	-2.29e-003	-30.97	23.43	-0.74
	686	8.86e-003	1.69e-003	2.19e-003	-30.72	23.30	-0.11
	675	2.59e-002	1.69e-003	2.30e-003	-30.34	-0.13	-0.16
	673	2.59e-002	1.69e-003	-2.17e-003	-30.52	-8.59e-002	-0.80
241	640	-8.14e-005	3.52e-003	-1.03e-004	-15.31	38.20	5.32
	641	-8.14e-005	3.48e-003	-2.00e-004	-15.32	38.02	-5.56
	686	8.86e-003	3.48e-003	-1.60e-004	-27.38	31.07	-5.79
	684	8.86e-003	3.52e-003	-6.32e-005	-27.43	31.29	5.10
242	644	3.77e-003	9.16e-005	-8.75e-003	-7.72	43.89	6.60
	684	3.77e-003	1.69e-003	-3.88e-003	-30.91	28.16	7.19
	673	1.44e-002	1.69e-003	-3.84e-003	-37.16	-0.56	0.18
	661	1.44e-002	9.16e-005	-8.70e-003	-0.69	4.94	-0.41
243	637	-1.22e-004	-7.59e-004	1.06e-003	11.42	36.18	22.92
	640	-1.22e-004	3.52e-003	8.81e-004	-15.31	39.75	10.67
	684	3.77e-003	3.52e-003	-1.66e-003	-26.96	33.70	7.14
	644	3.77e-003	-7.59e-004	-1.48e-003	-4.13	43.64	19.39
244	682	6.00e-004	2.87e-003	-8.15e-004	6.19	8.26	-3.88
	689	6.00e-004	1.31e-003	-1.48e-003	10.41	3.03	-9.03
	638	-1.19e-004	1.31e-003	-2.15e-003	7.66	15.39	-18.08
	641	-1.19e-004	2.87e-003	-1.48e-003	-4.34	24.18	-12.92
245	635	2.01e-003	8.85e-004	-1.13e-003	9.78	-5.64	-0.25
	632	2.01e-003	1.91e-003	-2.14e-003	7.70	-6.58	-1.99e-002
	689	6.00e-004	1.91e-003	-1.71e-003	12.70	-0.68	-3.77
	682	6.00e-004	8.85e-004	-6.96e-004	5.37	4.20	-4.00
246	643	6.88e-004	2.88e-003	2.12e-004	3.03	11.11	5.21
	682	6.88e-004	2.87e-003	-4.57e-004	3.07	11.07	-5.09
	641	-8.14e-005	2.87e-003	-5.02e-004	-10.20	24.05	-5.19
	640	-8.14e-005	2.88e-003	1.67e-004	-10.27	24.18	5.10
247	634	1.81e-003	9.36e-004	2.73e-004	9.23	-4.59	1.42
	635	1.81e-003	8.85e-004	-2.42e-004	9.27	-4.56	-1.19
	682	6.88e-004	8.85e-004	-3.38e-004	5.92	4.30	-1.22
	643	6.88e-004	9.36e-004	1.77e-004	5.84	4.37	1.39
248	691	3.67e-004	1.42e-003	1.14e-003	10.25	3.09	9.00
	643	3.67e-004	2.88e-003	5.84e-004	6.16	8.29	3.94
	640	-1.22e-004	2.88e-003	1.15e-003	-4.37	24.41	12.90
	637	-1.22e-004	1.42e-003	1.70e-003	7.72	15.72	17.96
249	631	1.86e-003	1.95e-003	2.16e-003	7.28	-6.55	0.16
	634	1.86e-003	9.36e-004	1.13e-003	9.54	-5.70	0.51

	643	3.67e-004	9.36e-004	5.49e-004	5.23	4.36	4.12
	691	3.67e-004	1.95e-003	1.58e-003	12.50	-0.38	3.77
250	693	5.68e-004	-2.90e-004	2.35e-004	8.99	-7.65	1.44
	687	5.68e-004	9.46e-004	-7.38e-004	5.36	-9.29	2.39
	632	2.01e-003	9.46e-004	-1.82e-003	7.66	-8.12	0.88
	635	2.01e-003	-2.90e-004	-8.49e-004	8.80	-7.04	-6.55e-002
251	671	-2.60e-003	-7.49e-004	5.35e-004	7.11	-2.30	2.19
	652	-2.60e-003	9.83e-004	-7.26e-005	3.35	-3.19	4.42
	687	5.68e-004	9.83e-004	1.45e-004	5.29	-8.05	3.66
	693	5.68e-004	-7.49e-004	7.53e-004	8.12	-6.63	1.42
252	692	-1.41e-004	-2.52e-004	4.05e-005	8.64	-7.42	-0.42
	693	-1.41e-004	-2.90e-004	2.26e-005	8.75	-7.27	0.32
	635	1.81e-003	-2.90e-004	4.20e-005	9.61	-6.65	0.45
	634	1.81e-003	-2.52e-004	5.99e-005	9.42	-6.74	-0.29
253	669	-3.96e-003	-7.55e-004	-6.74e-004	6.38	-2.59	-1.50
	671	-3.96e-003	-7.49e-004	4.53e-004	6.58	-2.49	1.09
	693	-1.41e-004	-7.49e-004	5.40e-004	8.19	-6.03	1.16
	692	-1.41e-004	-7.55e-004	-5.87e-004	8.18	-6.14	-1.43
254	683	8.43e-004	9.88e-004	8.79e-004	4.89	-9.94	-2.40
	692	8.43e-004	-2.52e-004	-1.28e-004	8.94	-7.94	-1.54
	634	1.86e-003	-2.52e-004	9.15e-004	8.72	-7.26	0.20
	631	1.86e-003	9.88e-004	1.92e-003	7.02	-8.40	-0.66
255	649	-1.85e-003	1.01e-003	-1.18e-005	2.80	-3.51	-4.88
	669	-1.85e-003	-7.55e-004	-7.05e-004	7.14	-2.42	-2.62
	692	8.43e-004	-7.55e-004	-7.56e-004	8.02	-6.96	-1.65
	683	8.43e-004	1.01e-003	-6.23e-005	4.91	-8.80	-3.91
256	690	6.90e-004	-1.37e-003	-5.71e-004	15.95	-8.73	-1.98
	691	6.90e-004	1.42e-003	8.22e-004	16.96	-3.93	7.25
	637	-1.83e-003	1.42e-003	2.30e-003	25.13	16.84	17.39
	639	-1.83e-003	-1.37e-003	9.11e-004	34.24	7.50	8.16
257	633	7.68e-004	3.37e-003	-2.69e-004	2.07	-7.82	-6.35
	631	7.68e-004	1.95e-003	1.55e-003	6.11	-8.22	-1.01
	691	6.90e-004	1.95e-003	1.26e-003	9.67	-0.96	2.18
	690	6.90e-004	3.37e-003	-5.55e-004	13.82	-5.81	-3.17
258	91	-2.69e-005	3.23e-004	-2.26e-003	3.20e-003	-13.00	-11.22
	690	-2.69e-005	-1.37e-003	-1.97e-003	15.72	-11.07	-3.40
	639	-1.02e-003	-1.37e-003	-3.54e-003	34.40	4.03	-1.28
	95	-1.02e-003	3.23e-004	-3.82e-003	3.74	3.01	-9.10
259	87	6.62e-004	7.57e-003	-3.26e-004	-1.84	-7.46	-10.77
	633	6.62e-004	3.37e-003	-3.68e-004	1.24	-7.42	-7.56
	690	-2.69e-005	3.37e-003	-1.96e-003	8.72	-7.60	-8.12
	91	-2.69e-005	7.57e-003	-1.91e-003	-0.13	-6.78	-11.33
260	688	2.27e-004	-1.21e-003	2.00e-003	16.00	-11.40	2.86
	626	2.27e-004	1.64e-003	2.40e-003	-0.18	-14.28	10.39
	680	-3.23e-004	1.64e-003	4.43e-003	4.21	3.73	8.01
	642	-3.23e-004	-1.21e-003	4.03e-003	33.21	4.18	0.47
261	636	5.00e-004	3.89e-003	1.22e-004	2.35	-7.84	7.04
	72	5.00e-004	9.41e-003	2.27e-004	-1.89	-8.35	10.03
	626	2.27e-004	9.41e-003	1.96e-003	0.16	-6.73	10.60
	688	2.27e-004	3.89e-003	1.86e-003	8.85	-8.04	7.62
262	689	9.90e-004	1.31e-003	-1.05e-003	16.97	-3.93	-7.44
	688	9.90e-004	-1.21e-003	6.25e-004	16.09	-8.95	1.41
	642	-1.96e-003	-1.21e-003	-1.04e-003	33.68	7.55	-8.59
	638	-1.96e-003	1.31e-003	-2.72e-003	24.74	16.47	-17.44
263	632	1.00e-003	1.91e-003	-1.66e-003	6.90	-8.25	1.11
	636	1.00e-003	3.89e-003	1.07e-004	2.94	-8.09	6.08
	688	9.90e-004	3.89e-003	4.90e-004	14.07	-6.29	2.67
	689	9.90e-004	1.91e-003	-1.28e-003	10.05	-1.37	-2.31
264	4	-1.88e-003	8.15e-003	1.30e-003	-8.35	-14.92	5.41
	79	-1.88e-003	8.81e-003	1.27e-003	2.69	-5.77	6.75

	72	5.00e-004	8.81e-003	-1.18e-003	-2.13	-9.34	9.34
	636	5.00e-004	8.15e-003	-1.14e-003	-0.23	-4.38	8.00
265	651	1.37e-003	-2.52e-003	3.07e-003	-5.18	-3.25e-002	2.49
	655	1.37e-003	5.01e-003	-1.63e-004	-0.36	5.62e-002	2.32
	79	-1.88e-003	5.01e-003	1.82e-003	1.17	-5.89	4.26
	4	-1.88e-003	-2.52e-003	5.06e-003	-6.96	-11.10	4.43
266	687	4.05e-003	9.46e-004	-3.30e-003	6.60	-10.96	2.99
	4	4.05e-003	8.15e-003	-3.13e-003	-9.77	-16.20	6.13
	636	1.00e-003	8.15e-003	-1.16e-003	1.42	-3.55	5.79
	632	1.00e-003	9.46e-004	-1.34e-003	3.15	-8.24	2.66
267	652	1.57e-003	9.83e-004	-5.40e-005	0.53	-2.70	4.61
	651	1.57e-003	-2.52e-003	3.00e-003	-5.71	-0.25	5.00
	4	4.05e-003	-2.52e-003	6.28e-004	-9.88	-11.88	4.96
	687	4.05e-003	9.83e-004	-2.42e-003	5.26	-9.31	4.57
268	14	-1.55e-002	-1.37e-002	-3.22e-003	104.28	100.82	-10.65
	677	-1.55e-002	-1.31e-002	-2.51e-003	-21.94	60.45	-5.66
	667	-1.94e-002	-1.31e-002	1.51e-004	7.18	6.09	-15.07
	663	-1.94e-002	-1.37e-002	-5.62e-004	82.47	-8.64	-20.05
269	642	-3.23e-004	-1.76e-003	6.05e-003	40.23	-12.79	-6.33
	680	-3.23e-004	-1.88e-002	2.15e-003	11.80	19.38	4.03
	677	-1.55e-002	-1.88e-002	-3.42e-003	-23.13	54.89	3.03
	14	-1.55e-002	-1.76e-003	4.81e-004	100.71	88.67	-7.33
270	685	-1.53e-003	-6.69e-005	1.12e-002	-10.91	51.25	-13.04
	14	-1.53e-003	-1.37e-002	3.37e-003	104.77	100.65	-11.56
	663	-1.63e-002	-1.37e-002	-5.96e-004	85.92	-9.33	-0.45
	664	-1.63e-002	-6.69e-005	7.25e-003	10.12	9.77	-1.93
271	638	-1.96e-003	-7.88e-004	-2.17e-003	27.22	29.07	-18.48
	642	-1.96e-003	-1.76e-003	9.81e-004	45.02	-9.48	-10.69
	14	-1.53e-003	-1.76e-003	7.08e-003	98.28	88.71	-14.95
	685	-1.53e-003	-7.88e-004	3.93e-003	-6.81	57.08	-22.75
272	1	4.21e-003	8.13e-003	3.18e-003	-11.85	-17.98	-6.25
	683	4.21e-003	9.88e-004	3.50e-003	6.30	-11.90	-2.98
	631	7.68e-004	9.88e-004	1.31e-003	2.31	-8.49	-2.61
	633	7.68e-004	8.13e-003	9.92e-004	0.19	-3.01	-5.88
273	645	3.16e-003	-2.99e-003	-2.66e-003	-7.45	-0.49	-5.55
	649	3.16e-003	1.01e-003	1.42e-004	-0.29	-3.18	-5.11
	683	4.21e-003	1.01e-003	2.56e-003	4.92	-10.25	-4.78
	1	4.21e-003	-2.99e-003	-2.45e-004	-12.02	-13.83	-5.22
274	83	-1.68e-003	7.42e-003	-2.34e-003	2.82	-8.55	-7.22
	1	-1.68e-003	8.13e-003	-1.77e-003	-10.10	-16.84	-5.82
	633	6.62e-004	8.13e-003	8.93e-004	-1.64	-3.71	-8.33
	87	6.62e-004	7.42e-003	3.20e-004	-2.19	-7.93	-9.73
275	648	2.53e-003	4.67e-003	2.81e-004	-0.33	-0.31	-2.36
	645	2.53e-003	-2.99e-003	-2.69e-003	-6.93	-0.19	-2.57
	1	-1.68e-003	-2.99e-003	-5.19e-003	-9.16	-13.08	-4.88
	83	-1.68e-003	4.67e-003	-2.22e-003	1.59	-6.66	-4.67
276	11	-7.90e-004	-1.43e-002	-2.98e-003	106.46	103.29	11.16
	644	-7.90e-004	9.16e-005	-1.20e-002	-11.36	52.34	12.61
	661	-1.59e-002	9.16e-005	-7.34e-003	10.05	10.02	1.12
	657	-1.59e-002	-1.43e-002	1.64e-003	87.17	-9.60	-0.33
277	639	-1.83e-003	-1.22e-003	-7.45e-004	45.95	-9.27	10.46
	637	-1.83e-003	-7.59e-004	1.66e-003	27.56	29.67	18.29
	644	-7.90e-004	-7.59e-004	-4.69e-003	-7.06	58.19	22.53
	11	-7.90e-004	-1.22e-003	-7.09e-003	99.87	90.24	14.71
278	629	-1.45e-002	-1.48e-002	2.41e-003	-21.13	58.37	4.79
	11	-1.45e-002	-1.43e-002	4.27e-003	106.77	103.06	9.29
	657	-1.81e-002	-1.43e-002	2.02e-003	85.19	-9.06	19.99
	658	-1.81e-002	-1.48e-002	1.53e-004	7.04	6.43	15.49
279	95	-1.02e-003	-1.71e-002	-3.02e-003	11.60	16.94	-5.08
	639	-1.02e-003	-1.22e-003	-5.19e-003	41.93	-12.87	5.83

	11	-1.45e-002	-1.22e-003	1.58e-004	101.55	90.79	6.25
	629	-1.45e-002	-1.71e-002	2.33e-003	-21.10	60.32	-4.66
280	630	1.43e-002	-0.12	-1.13e-002	0.74	0.38	0.16
	660	1.43e-002	-0.14	-3.28e-003	4.02	0.98	-8.27e-002
	76	2.93e-003	-0.14	-4.13e-003	2.37	-0.21	-5.75e-003
	75	2.93e-003	-0.12	-1.21e-002	1.30	0.32	0.23
281	629	-1.48e-002	-0.13	-1.32e-002	-1.18	-11.79	-1.50
	658	-1.48e-002	-9.38e-002	-1.38e-002	1.60	-10.17	-0.25
	660	1.43e-002	-9.38e-002	-1.18e-002	4.14	-0.19	0.45
	630	1.43e-002	-0.13	-1.12e-002	1.39	0.74	-0.80
282	628	1.21e-002	-8.58e-002	-2.33e-003	-1.48	-0.93	-0.41
	630	1.21e-002	-0.12	-1.02e-002	0.43	-9.36e-002	1.60e-002
	75	-1.70e-003	-0.12	-1.05e-002	0.60	0.44	0.37
	80	-1.70e-003	-8.58e-002	-2.60e-003	-0.51	0.76	-5.27e-002
283	95	-1.71e-002	-0.10	1.80e-002	1.30	-6.70	0.89
	629	-1.71e-002	-0.13	-2.64e-003	-0.86	-10.95	0.10
	630	1.21e-002	-0.13	-1.02e-002	-0.29	3.01e-002	-0.91
	628	1.21e-002	-0.10	1.05e-002	-1.21	-2.55	-0.12
284	94	3.18e-003	-3.72e-002	1.08e-002	-0.80	-1.17	-0.42
	628	3.18e-003	-8.58e-002	6.76e-003	-0.39	-0.98	-0.44
	80	-2.19e-003	-8.58e-002	-1.36e-003	-0.54	0.42	-0.15
	92	-2.19e-003	-3.72e-002	2.68e-003	-0.70	0.10	-0.12
285	91	3.23e-004	-3.49e-002	6.49e-003	1.04	-3.43	1.27
	95	3.23e-004	-0.10	1.49e-002	-1.05	-5.82	0.67
	628	3.18e-003	-0.10	1.96e-002	-1.10	-2.35	-0.54
	94	3.18e-003	-3.49e-002	1.12e-002	-0.15	-2.41	5.41e-002
286	90	-4.44e-003	-2.88e-003	8.19e-003	-0.27	-0.81	-8.87e-002
	94	-4.44e-003	-3.72e-002	9.34e-003	-0.12	-1.10	-0.24
	92	-3.39e-003	-3.72e-002	5.88e-003	-0.55	-8.07e-002	-0.31
	96	-3.39e-003	-2.88e-003	4.73e-003	-0.20	-0.25	-0.15
287	87	7.57e-003	2.15e-003	1.83e-003	0.64	-1.48	1.20
	91	7.57e-003	-3.49e-002	4.31e-003	-0.82	-2.98	1.09
	94	-4.44e-003	-3.49e-002	9.71e-003	-0.52	-1.72	0.10
	90	-4.44e-003	2.15e-003	7.23e-003	0.11	-1.33	0.21
288	86	-2.98e-003	1.81e-002	5.21e-004	0.14	-0.45	1.62e-002
	90	-2.98e-003	-2.88e-003	3.57e-003	0.17	-0.72	-5.77e-002
	96	-2.24e-003	-2.88e-003	5.32e-003	-0.12	-0.25	-0.18
	84	-2.24e-003	1.81e-002	2.27e-003	0.23	-0.33	-0.11
289	83	7.42e-003	2.18e-002	-1.79e-003	0.29	-0.16	0.81
	87	7.42e-003	2.15e-003	1.88e-003	-0.55	-1.15	1.02
	90	-2.98e-003	2.15e-003	2.61e-003	-8.80e-002	-0.84	0.33
	86	-2.98e-003	2.18e-002	-1.05e-003	0.34	-0.68	0.11
290	646	-1.14e-003	3.02e-002	-9.41e-004	0.44	-0.28	4.17e-002
	86	-1.14e-003	1.81e-002	-1.02e-003	0.47	-0.39	-4.62e-003
	84	6.04e-005	1.81e-002	1.25e-003	0.29	-0.32	-6.86e-002
	88	6.04e-005	3.02e-002	1.32e-003	0.40	-0.38	-2.23e-002
291	648	4.67e-003	2.78e-002	-2.04e-003	0.13	8.20e-002	0.29
	83	4.67e-003	2.18e-002	-2.19e-003	0.20	0.12	0.39
	86	-1.14e-003	2.18e-002	-2.59e-003	0.26	-0.58	0.20
	646	-1.14e-003	2.78e-002	-2.44e-003	0.46	-0.36	0.10
292	82	-3.57e-004	-2.06e-003	3.52e-003	3.56e-002	-0.65	0.17
	656	-3.57e-004	3.03e-002	3.18e-003	0.48	-0.57	-2.16e-002
	125	1.64e-003	3.03e-002	3.42e-003	0.23	-0.12	0.12
	129	1.64e-003	-2.06e-003	3.76e-003	-0.12	-0.31	0.31
293	79	5.01e-003	1.39e-002	4.41e-003	0.21	-0.29	-0.53
	655	5.01e-003	2.49e-002	2.65e-003	-4.13e-002	-0.34	-0.24
	656	-3.57e-004	2.49e-002	3.62e-003	0.59	-6.14e-002	2.16e-002
	82	-3.57e-004	1.50e-002	3.89e-003	4.53e-002	-0.82	-5.62e-002
294	78	-2.28e-003	-4.24e-002	-1.16e-002	-0.21	-1.22	0.31
	82	-2.28e-003	-2.06e-003	-1.85e-003	-0.18	-0.78	0.12

	129	1.32e-003	-2.06e-003	1.09e-005	-0.14	-0.36	0.25
	133	1.32e-003	-4.24e-002	-9.71e-003	-0.60	-0.20	0.44
295	626	9.41e-003	-3.71e-002	-5.12e-003	-0.82	-3.04	-1.00
	72	9.41e-003	2.30e-003	-1.22e-003	0.47	-1.42	-1.33
	82	-2.28e-003	4.37e-003	-3.54e-003	-4.96e-002	-1.04	-0.19
	78	-2.28e-003	-3.71e-002	-9.00e-003	-0.55	-1.79	-3.23e-002
296	71	7.64e-003	-0.10	-4.63e-003	-0.54	-0.62	0.45
	78	7.64e-003	-4.24e-002	-1.46e-002	-0.82	-1.35	0.62
	133	1.74e-005	-4.24e-002	-8.30e-003	-0.85	0.10	0.15
	140	1.74e-005	-0.10	1.63e-003	-0.19	0.41	-2.58e-002
297	680	1.64e-003	-0.11	-1.65e-002	-1.29	-5.36	-0.62
	626	1.64e-003	-3.71e-002	-7.50e-003	0.97	-3.51	-1.18
	78	7.64e-003	-3.71e-002	-1.20e-002	-8.63e-002	-2.61	9.00e-002
	71	7.64e-003	-0.11	-2.02e-002	-1.45	-3.08	0.34
298	668	1.52e-002	-0.14	6.05e-003	2.05	0.62	-9.02e-002
	71	1.52e-002	-0.10	6.16e-003	-0.51	-0.25	0.15
	140	1.39e-003	-0.10	4.30e-003	0.10	0.60	-3.88e-002
	144	1.39e-003	-0.14	4.19e-003	1.95	7.22e-002	-0.28
299	667	-1.31e-002	-8.98e-002	1.29e-002	2.02	-8.71	1.05
	677	-1.31e-002	-0.14	1.71e-002	-1.64	-9.09	0.99
	71	1.52e-002	-0.14	7.37e-003	-1.45	-1.29	2.36
	668	1.52e-002	-8.98e-002	1.10e-002	1.65	-1.46	0.25
300	676	6.85e-003	-0.12	1.46e-002	-1.23	-1.08	-0.37
	666	6.85e-003	-0.13	1.75e-002	-0.78	-0.70	-0.37
	165	1.99e-003	-0.13	5.93e-003	-0.76	1.26	3.30e-002
	161	1.99e-003	-0.12	3.08e-003	-1.25	1.11	3.25e-002
301	675	1.38e-002	-0.10	1.26e-002	0.64	-5.08	-5.93e-002
	664	1.38e-002	-0.14	2.85e-002	-1.27	-5.83	-0.49
	666	6.85e-003	-0.14	3.54e-002	-1.08	-2.53	-0.66
	676	6.85e-003	-0.10	1.95e-002	-0.72	-3.02	-0.23
302	674	-2.79e-003	-0.12	-2.56e-003	-1.01	-1.15	5.44e-002
	676	-2.79e-003	-0.12	3.41e-003	-1.02	-1.14	-7.73e-002
	161	8.75e-004	-0.12	3.45e-003	-1.19	1.00	-8.79e-002
	156	8.75e-004	-0.12	-2.52e-003	-1.24	1.03	4.38e-002
303	673	2.59e-002	-0.10	-7.76e-003	-0.73	-5.11	2.39e-002
	675	2.59e-002	-0.10	8.12e-003	-0.73	-5.09	-0.13
	676	-2.79e-003	-0.10	8.31e-003	-0.92	-2.86	-0.10
	674	-2.79e-003	-0.10	-7.57e-003	-0.95	-2.89	5.32e-002
304	662	7.13e-003	-0.14	-1.67e-002	-0.84	-0.72	0.37
	674	7.13e-003	-0.12	-1.39e-002	-1.28	-1.10	0.35
	156	1.98e-003	-0.12	-2.30e-003	-1.28	1.15	-7.45e-002
	152	1.98e-003	-0.14	-5.16e-003	-0.88	1.35	-6.24e-002
305	661	1.44e-002	-0.14	-2.84e-002	-1.29	-5.92	0.41
	673	1.44e-002	-0.10	-1.23e-002	0.64	-5.12	-4.42e-002
	674	7.13e-003	-0.10	-1.89e-002	-0.71	-3.07	0.19
	662	7.13e-003	-0.14	-3.49e-002	-1.18	-2.63	0.65
306	672	3.81e-003	6.61e-003	-1.21e-003	-2.81e-002	0.91	-9.03e-002
	654	3.81e-003	1.47e-002	-8.73e-004	0.10	0.84	-0.12
	117	2.33e-003	1.47e-002	2.08e-003	-0.12	0.79	-0.11
	113	2.33e-003	6.61e-003	1.75e-003	0.10	0.70	-7.98e-002
307	671	-2.60e-003	4.06e-003	-1.11e-003	2.27e-003	1.49	0.22
	652	-2.60e-003	1.33e-002	-3.36e-003	-0.46	1.11	0.40
	654	3.81e-003	1.33e-002	-4.46e-003	-8.06e-002	0.79	8.99e-002
	672	3.81e-003	4.06e-003	-2.21e-003	9.29e-002	0.85	-8.41e-002
308	670	5.52e-003	6.21e-003	7.62e-004	5.90e-002	0.94	-4.30e-002
	672	5.52e-003	6.61e-003	7.38e-004	8.03e-002	0.94	-0.10
	113	5.59e-003	6.61e-003	8.63e-004	-2.49e-002	0.67	-8.85e-002
	108	5.59e-003	6.21e-003	8.88e-004	-5.07e-003	0.66	-3.21e-002
309	669	-3.96e-003	4.24e-003	1.27e-003	-0.12	1.64	-0.10
	671	-3.96e-003	4.06e-003	-6.29e-004	-0.10	1.60	2.65e-002

	672	5.52e-003	4.06e-003	-2.61e-004	5.36e-002	0.90	-4.09e-003
	670	5.52e-003	4.24e-003	1.63e-003	6.91e-002	0.90	-0.13
310	650	4.08e-003	1.39e-002	2.02e-003	7.62e-002	0.86	3.35e-003
	670	4.08e-003	6.21e-003	2.53e-003	-2.27e-002	0.92	-4.66e-002
	108	2.36e-003	6.21e-003	-5.76e-004	2.87e-002	0.66	-3.09e-002
	104	2.36e-003	1.39e-002	-1.09e-003	-0.13	0.70	1.91e-002
311	649	-1.85e-003	1.42e-002	3.79e-003	-0.45	1.25	-0.47
	669	-1.85e-003	4.24e-003	1.76e-003	2.11e-002	1.57	-0.31
	670	4.08e-003	4.24e-003	3.40e-003	8.34e-002	0.86	-4.17e-002
	650	4.08e-003	1.42e-002	5.43e-003	-7.32e-002	0.79	-0.20
312	665	2.02e-002	-0.14	3.06e-004	0.37	0.44	-1.84e-002
	668	2.02e-002	-0.14	1.73e-003	3.77	0.69	-0.31
	144	3.02e-003	-0.14	5.03e-003	2.59	1.80	4.37e-002
	17	3.02e-003	-0.14	3.61e-003	0.58	1.63	0.34
313	663	-1.94e-002	-0.17	-7.22e-003	-9.95e-001	-9.95	-2.30
	667	-1.94e-002	-8.98e-002	-1.78e-002	1.96	-6.65	-1.28
	668	2.02e-002	-8.98e-002	-9.56e-003	3.80	-0.39	8.98e-002
	665	2.02e-002	-0.17	1.00e-003	0.21	1.07	-0.92
314	666	1.64e-002	-0.13	1.22e-002	-1.30	-0.54	-0.42
	665	1.64e-002	-0.14	6.17e-003	-0.22	-3.44e-003	-0.11
	17	1.12e-003	-0.14	1.57e-003	0.31	1.56	0.39
	165	1.12e-003	-0.13	7.64e-003	-0.79	1.51	7.52e-002
315	664	-1.63e-002	-0.14	3.20e-002	1.18	-6.38	-0.14
	663	-1.63e-002	-0.17	8.74e-003	-1.33	-9.76	-0.49
	665	1.64e-002	-0.17	6.86e-003	-0.26	0.40	-0.96
	666	1.64e-002	-0.14	3.01e-002	-0.96	-2.36	-0.60
316	659	1.65e-002	-0.14	-6.34e-003	-0.42	-1.34e-003	9.00e-002
	662	1.65e-002	-0.14	-1.14e-002	-1.44	-0.58	0.44
	152	1.42e-003	-0.14	-7.32e-003	-0.88	1.62	-0.10
	148	1.42e-003	-0.14	-2.22e-003	0.18	1.69	-0.45
317	657	-1.59e-002	-0.17	-8.91e-003	-1.39	-10.06	0.46
	661	-1.59e-002	-0.14	-3.20e-002	1.09	-6.51	5.05e-002
	662	1.65e-002	-0.14	-2.96e-002	-1.04	-2.47	0.59
	659	1.65e-002	-0.17	-6.52e-003	-0.49	0.35	1.00
318	660	1.82e-002	-0.14	-3.01e-003	3.50	1.45	0.24
	659	1.82e-002	-0.14	-1.66e-003	-2.34e-002	0.50	8.20e-002
	148	3.15e-003	-0.14	-4.70e-003	0.59	1.73	-0.37
	76	3.15e-003	-0.14	-6.04e-003	2.37	1.32	-0.21
319	658	-1.81e-002	-9.38e-002	2.12e-002	2.08	-7.21	1.48
	657	-1.81e-002	-0.17	7.47e-003	-1.23	-10.29	2.30
	659	1.82e-002	-0.17	-1.84e-003	4.12e-002	1.01	1.00
	660	1.82e-002	-9.38e-002	1.19e-002	3.27	-0.34	0.19
320	653	8.00e-004	2.34e-002	-3.92e-003	-0.24	0.55	-9.21e-002
	656	8.00e-004	3.03e-002	-3.41e-003	-0.49	0.29	3.30e-002
	125	-5.15e-004	3.03e-002	-2.26e-003	-0.14	1.37	7.19e-002
	121	-5.15e-004	2.34e-002	-2.77e-003	-0.17	1.07	-5.32e-002
321	651	1.37e-003	2.28e-002	-1.35e-003	0.13	4.57e-002	0.20
	655	1.37e-003	2.49e-002	1.21e-004	-0.33	-0.38	5.79e-002
	656	8.00e-004	2.49e-002	-2.66e-003	-0.41	0.93	-6.54e-002
	653	8.00e-004	2.28e-002	-4.13e-003	-0.23	0.66	8.14e-002
322	654	2.15e-003	1.47e-002	-1.28e-003	-0.15	0.78	-0.11
	653	2.15e-003	2.34e-002	-3.51e-003	-4.64e-002	0.63	-8.72e-002
	121	1.88e-003	2.34e-002	-6.90e-004	-0.16	0.99	-0.10
	117	1.88e-003	1.47e-002	1.53e-003	3.10e-002	0.85	-0.12
323	652	1.57e-003	1.33e-002	-3.56e-003	0.50	0.98	0.52
	651	1.57e-003	2.28e-002	-2.40e-003	-0.37	0.23	0.43
	653	2.15e-003	2.28e-002	-3.72e-003	-0.18	0.74	-9.69e-003
	654	2.15e-003	1.33e-002	-4.87e-003	4.83e-002	0.57	7.74e-002
324	647	2.36e-003	2.22e-002	2.62e-003	-8.52e-002	0.70	1.78e-002
	650	2.36e-003	1.39e-002	1.69e-003	-0.18	0.81	7.49e-003

	104	1.62e-003	1.39e-002	-1.10e-003	-0.10	0.74	2.49e-002
	100	1.62e-003	2.22e-002	-1.68e-004	-0.20	0.83	3.52e-002
325	645	3.16e-003	2.47e-002	1.89e-003	-0.28	0.35	-0.47
	649	3.16e-003	1.42e-002	4.00e-003	0.55	1.15	-0.62
	650	2.36e-003	1.42e-002	5.10e-003	4.35e-002	0.58	-0.17
	647	2.36e-003	2.47e-002	2.98e-003	-0.20	0.77	-2.50e-002
326	646	8.14e-004	3.02e-002	1.07e-003	-0.40	0.81	5.90e-002
	647	8.14e-004	2.22e-002	2.02e-003	-0.40	0.69	0.10
	100	-4.39e-004	2.22e-002	3.19e-004	-0.28	0.86	2.06e-002
	88	-4.39e-004	3.02e-002	-6.40e-004	-0.38	0.84	-2.08e-002
327	648	2.53e-003	2.78e-002	-1.24e-003	-0.22	-0.14	-2.71e-002
	645	2.53e-003	2.47e-002	5.77e-004	0.15	0.16	-0.22
	647	8.14e-004	2.47e-002	2.39e-003	-0.15	0.68	-2.77e-002
	646	8.14e-004	2.78e-002	5.69e-004	-0.52	0.72	0.17
328	51	7.28e-003	-4.83e-003	-6.88e-003	0.17	-0.12	-0.10
	159	7.28e-003	-5.28e-003	-7.04e-003	-8.26e-002	-0.37	4.80e-002
	142	-2.90e-003	-5.28e-003	2.94e-003	0.44	0.27	-3.74e-002
	53	-2.90e-003	-4.83e-003	3.10e-003	0.15	0.12	-0.19
329	43	7.27e-004	5.74e-006	-1.23e-002	0.23	-0.17	-3.36e-003
	154	7.27e-004	-1.53e-003	-5.06e-003	-0.27	-0.85	1.81e-002
	159	7.28e-003	-1.53e-003	-7.92e-003	0.12	0.50	-5.43e-002
	51	7.28e-003	5.74e-006	-1.52e-002	-8.35e-002	-9.08e-002	-7.57e-002
330	128	-4.55e-003	-1.71e-004	-1.61e-002	0.32	-2.96e-002	7.17e-003
	363	-4.55e-003	7.42e-003	-8.15e-003	-0.18	-0.80	-5.29e-003
	154	7.27e-004	7.42e-003	-5.29e-003	0.27	0.76	7.10e-003
	43	7.27e-004	-1.71e-004	-1.33e-002	-0.17	-2.37e-002	1.96e-002
331	50	-4.12e-004	5.30e-003	3.45e-003	3.02e-002	-5.40e-002	-0.13
	43	-4.12e-004	5.74e-006	-7.94e-003	4.64e-002	-9.27e-002	-0.11
	51	4.88e-003	5.74e-006	-2.01e-002	0.10	-0.12	-0.18
	52	4.88e-003	5.30e-003	-8.71e-003	1.48e-002	-2.10e-002	-0.20
332	362	2.90e-003	-1.39e-002	-3.36e-003	-3.50e-003	4.21e-002	-8.74e-002
	128	2.90e-003	-1.71e-004	-1.62e-002	4.57e-002	3.68e-002	-7.29e-002
	43	-4.12e-004	-1.71e-004	-8.85e-003	5.08e-002	-8.28e-002	-0.11
	50	-4.12e-004	-1.39e-002	3.97e-003	2.03e-002	-2.36e-002	-0.12
333	36	1.64e-003	-8.12e-003	1.51e-002	0.16	1.70	-0.40
	41	1.64e-003	-6.07e-002	-1.57e-003	-0.11	1.59	-0.42
	42	-7.11e-003	-6.07e-002	-1.22e-002	7.82e-002	1.14	-0.42
	37	-7.11e-003	-8.12e-003	4.46e-003	-6.63e-002	1.02	-0.40
334	604	-1.37e-003	-4.02e-002	7.46e-003	-0.26	1.90	-0.55
	357	-1.37e-003	-5.45e-002	-9.60e-003	6.65e-002	1.99	-0.41
	41	1.64e-003	-5.45e-002	-3.48e-003	-6.92e-002	1.70	-0.39
	36	1.64e-003	-4.02e-002	1.36e-002	0.15	1.74	-0.52
335	35	-4.65e-003	1.23e-002	3.34e-003	0.30	0.43	-0.56
	37	-4.65e-003	4.87e-003	1.73e-002	6.46e-002	1.37	-0.88
	40	1.25e-002	4.87e-003	2.57e-002	3.32e-002	4.02e-002	-0.84
	131	1.25e-002	1.23e-002	1.17e-002	-0.75	0.93	-0.52
336	34	-9.37e-004	4.63e-002	2.13e-002	-0.83	-3.30	-1.41
	36	-9.37e-004	-8.12e-003	2.82e-002	1.57	1.12	-1.34
	37	-4.65e-003	-8.12e-003	1.25e-002	-0.48	1.32	-0.51
	35	-4.65e-003	4.63e-002	5.70e-003	1.44	4.75	-0.58
337	356	1.69e-003	-3.31e-002	2.04e-002	-2.42	-4.53	-1.71
	604	1.69e-003	-4.02e-002	2.25e-002	2.81	1.34	-1.41
	36	-9.37e-004	-4.02e-002	2.67e-002	-1.30	2.22	-1.30
	34	-9.37e-004	-3.31e-002	2.46e-002	2.72	7.97	-1.61
338	31	1.02e-003	3.97e-003	7.24e-003	2.11e-004	1.00	0.21
	35	1.02e-003	1.23e-002	6.86e-003	0.13	1.40	-0.13
	131	8.66e-004	1.23e-002	4.30e-003	-1.05	-0.22	-8.06e-002
	33	8.66e-004	3.97e-003	4.68e-003	0.32	9.45e-002	0.27
339	29	-3.76e-002	-6.72e-003	-2.18e-002	-0.40	1.61	-0.78
	34	-3.76e-002	4.63e-002	-8.80e-003	0.98	3.93	-0.82

	35	1.02e-003	4.63e-002	1.62e-002	0.56	0.95	2.68e-002
	31	1.02e-003	-6.72e-003	3.17e-003	-6.85e-002	1.89	6.17e-002
340	579	-8.82e-003	0.19	0.17	-0.77	-0.48	-1.18
	356	-8.82e-003	-3.31e-002	0.16	1.39	3.16	-1.12
	34	-3.76e-002	-3.31e-002	-3.40e-003	-6.14e-002	-2.19	-0.93
	29	-3.76e-002	0.19	9.17e-003	0.84	1.14	-9.97e-001
341	30	-8.99e-003	2.30e-003	1.12e-002	5.55e-003	1.17	-0.25
	29	-8.99e-003	-6.72e-003	1.80e-002	-0.19	1.17	-0.26
	31	-1.36e-005	-6.72e-003	-7.57e-003	2.30e-002	1.79	7.53e-002
	32	-1.36e-005	2.30e-003	-1.43e-002	-0.22	1.25	8.29e-002
342	364	-2.47e-002	-0.26	-0.22	-0.29	-0.75	-0.66
	579	-2.47e-002	0.19	-0.11	0.26	-0.79	-0.76
	29	-8.99e-003	0.19	4.89e-002	-0.17	1.20	-0.50
	30	-8.99e-003	-0.26	-6.28e-002	-0.10	0.76	-0.41
343	23	-9.09e-003	-9.84e-003	-1.92e-002	-3.94e-002	-0.27	0.11
	26	-9.09e-003	7.35e-003	-9.56e-003	0.13	0.12	6.57e-002
	27	2.56e-004	7.35e-003	1.51e-002	-0.20	0.32	-4.35e-002
	24	2.56e-004	-9.84e-003	5.44e-003	0.18	0.89	-7.83e-005
344	516	-2.75e-002	0.19	0.11	0.47	-1.98	0.55
	365	-2.75e-002	-0.25	0.23	7.59e-002	-1.71	0.34
	26	-9.09e-003	-0.25	6.63e-002	-0.12	-0.26	0.12
	23	-9.09e-003	0.19	-5.04e-002	0.16	0.38	0.32
345	22	-1.58e-005	5.10e-003	-3.93e-003	7.56e-002	0.40	0.40
	24	-1.58e-005	2.43e-003	-7.34e-003	0.42	0.16	0.12
	25	1.61e-003	2.43e-003	-3.93e-003	0.15	-5.37e-002	5.23e-002
	138	1.61e-003	5.10e-003	-5.12e-004	-0.36	-0.18	0.34
346	21	-3.90e-002	2.90e-002	1.08e-002	1.28	4.46	1.10
	23	-3.90e-002	-9.84e-003	1.82e-002	-0.38	0.27	1.09
	24	-1.58e-005	-9.84e-003	-4.26e-003	0.58	0.84	0.11
	22	-1.58e-005	2.90e-002	-1.17e-002	0.27	-1.76	0.12
347	361	-8.90e-003	-3.97e-002	-0.16	2.16	5.66	1.29
	516	-8.90e-003	0.19	-0.18	-1.38	-1.45	1.51
	23	-3.90e-002	0.19	-1.29e-002	1.74	0.14	1.23
	21	-3.90e-002	-3.97e-002	5.87e-003	-0.40	-6.51	1.01
348	18	5.60e-003	-4.42e-003	-1.09e-002	-0.19	0.62	0.38
	22	5.60e-003	5.10e-003	-4.53e-003	0.30	1.04	0.45
	138	4.09e-003	5.10e-003	-1.84e-003	-0.26	2.95e-002	0.58
	20	4.09e-003	-4.42e-003	-8.18e-003	0.47	0.13	0.51
349	15	3.63e-003	-1.36e-002	-1.49e-002	0.27	1.21	0.95
	21	3.63e-003	2.90e-002	-2.00e-002	0.24	-2.04	0.68
	22	5.60e-003	2.90e-002	-1.22e-002	0.27	2.67	0.20
	18	5.60e-003	-1.36e-002	-7.13e-003	-0.20	0.64	0.47
350	491	-8.08e-004	-2.46e-002	-1.00e-002	0.21	1.93	1.09
	361	-8.08e-004	-3.97e-002	-2.86e-002	0.47	-2.81	0.78
	21	3.63e-003	-3.97e-002	-2.80e-002	0.68	5.63	0.62
	15	3.63e-003	-2.46e-002	-9.42e-003	-0.48	1.30	0.92
351	19	2.90e-003	-1.42e-002	8.92e-004	3.79e-002	0.69	0.31
	18	2.90e-003	-4.42e-003	-6.53e-003	0.20	0.64	0.43
	20	1.94e-002	-4.42e-003	-1.38e-002	0.35	7.03e-002	0.37
	137	1.94e-002	-1.42e-002	-6.38e-003	6.26e-002	0.16	0.25
352	16	8.02e-003	-1.12e-002	4.58e-003	-4.62e-002	1.21	0.31
	15	8.02e-003	-1.36e-002	-2.85e-003	0.11	1.34	0.43
	18	2.90e-003	-1.36e-002	-2.80e-003	0.20	0.74	0.43
	19	2.90e-003	-1.12e-002	4.63e-003	3.64e-002	0.86	0.31
353	360	8.62e-004	-1.48e-003	-2.24e-004	-5.33e-003	1.37	8.74e-002
	491	8.62e-004	-2.46e-002	3.51e-003	-0.29	1.97	0.29
	15	8.02e-003	-2.46e-002	2.66e-003	0.10	1.20	0.48
	16	8.02e-003	-1.48e-003	-1.07e-003	-7.50e-002	1.31	0.28
354	9	-8.93e-004	2.85e-003	6.60e-003	-4.63e-002	-4.24e-002	4.15e-002
	13	-8.93e-004	-1.50e-002	5.11e-004	-2.91e-003	-7.84e-002	3.82e-002

	135	2.13e-002	-1.50e-002	3.17e-003	5.15e-003	-2.59e-002	4.38e-002
	10	2.13e-002	2.85e-003	9.26e-003	-5.96e-002	-7.63e-002	4.72e-002
355	8	4.53e-003	-1.73e-003	1.01e-002	-3.04e-002	-4.57e-002	4.39e-002
	12	4.53e-003	-1.35e-002	-2.80e-003	-5.86e-003	-6.52e-002	3.87e-002
	13	-8.93e-004	-1.35e-002	-4.54e-003	-1.37e-003	-7.27e-002	3.67e-002
	9	-8.93e-004	-1.73e-003	8.35e-003	-4.32e-002	-8.72e-002	4.20e-002
356	454	9.98e-005	-6.87e-003	1.20e-002	-2.72e-002	2.08e-002	4.62e-002
	359	9.98e-005	-2.21e-002	3.32e-003	-4.17e-003	-1.38e-002	4.86e-002
	12	4.53e-003	-2.21e-002	1.79e-003	-1.62e-003	-4.90e-002	4.11e-002
	8	4.53e-003	-6.87e-003	1.05e-002	-2.60e-002	-6.45e-002	3.87e-002
357	7	1.98e-003	-2.41e-003	6.53e-003	-0.22	-0.33	2.46e-002
	9	1.98e-003	2.85e-003	1.08e-002	-5.24e-002	-5.79e-002	1.90e-002
	10	6.67e-003	2.85e-003	9.53e-003	-0.15	-6.67e-002	9.70e-003
	134	6.67e-003	-2.41e-003	5.22e-003	-0.14	0.23	1.54e-002
358	6	2.28e-004	3.41e-003	6.95e-003	-0.15	-0.53	8.04e-002
	8	2.28e-004	-1.73e-003	1.25e-002	-1.39e-002	-5.41e-002	-5.94e-003
	9	1.98e-003	-1.73e-003	1.26e-002	-0.10	-9.11e-002	3.27e-003
	7	1.98e-003	3.41e-003	7.06e-003	-0.20	0.37	8.96e-002
359	358	2.41e-005	1.04e-002	7.84e-003	-5.40e-002	-0.48	6.60e-002
	454	2.41e-005	-6.87e-003	1.39e-002	-8.06e-003	1.60e-002	-1.01e-002
	8	2.28e-004	-6.87e-003	1.29e-002	-9.18e-002	-6.12e-002	-4.75e-003
	6	2.28e-004	1.04e-002	6.85e-003	-9.02e-002	0.43	7.14e-002
360	2	-7.81e-005	1.39e-003	6.96e-003	-7.23e-002	-0.22	-1.39e-002
	7	-7.81e-005	-2.41e-003	4.15e-003	-0.18	0.23	2.48e-002
	134	-2.94e-003	-2.41e-003	2.49e-003	-0.22	-0.85	-0.13
	5	-2.94e-003	1.39e-003	5.30e-003	6.09e-002	-0.15	-0.17
361	167	1.35e-004	5.35e-003	6.39e-003	-0.19	0.15	4.01e-002
	6	1.35e-004	3.41e-003	4.53e-003	-4.60e-002	0.82	5.95e-002
	7	-7.81e-005	3.41e-003	4.76e-003	-0.24	-0.73	6.64e-002
	2	-7.81e-005	5.35e-003	6.62e-003	5.65e-002	-6.19e-002	4.70e-002
362	429	2.06e-004	1.10e-002	6.40e-003	-0.21	0.52	3.87e-002
	358	2.06e-004	1.04e-002	4.56e-003	3.02e-002	1.15	5.67e-002
	6	1.35e-004	1.04e-002	4.53e-003	-0.19	-0.33	5.39e-002
	167	1.35e-004	1.10e-002	6.37e-003	5.53e-002	0.30	3.59e-002
363	168	1.41e-005	9.14e-003	-6.65e-004	1.21e-002	0.17	0.14
	167	1.41e-005	5.35e-003	4.19e-003	-5.75e-002	8.62e-002	0.16
	2	8.24e-004	5.35e-003	3.17e-003	2.98e-002	1.23e-002	0.13
	3	8.24e-004	9.14e-003	-1.68e-003	-3.21e-002	-2.73e-002	0.11
364	367	-8.11e-005	1.14e-002	-9.49e-004	-4.14e-003	0.53	0.12
	429	-8.11e-005	1.10e-002	3.92e-003	-5.27e-002	0.47	0.14
	167	1.41e-005	1.10e-002	4.17e-003	-1.69e-002	0.35	0.15
	168	1.41e-005	1.14e-002	-6.94e-004	-1.03e-002	0.26	0.14
365	151	-3.10e-005	2.88e-003	-3.08e-003	7.89e-002	-9.62e-003	-0.14
	163	-3.10e-005	6.93e-003	9.18e-004	5.91e-002	0.14	-5.54e-002
	164	-2.18e-004	6.93e-003	2.26e-004	5.18e-002	-0.13	8.48e-002
	155	-2.18e-004	2.88e-003	-3.77e-003	0.26	-0.24	2.35e-003
366	392	-1.08e-004	7.88e-003	-3.57e-003	-3.50e-002	0.69	-0.17
	366	-1.08e-004	8.75e-003	4.34e-004	2.72e-002	0.73	-0.10
	163	-3.10e-005	8.75e-003	9.72e-004	1.06e-002	0.31	-8.65e-002
	151	-3.10e-005	7.88e-003	-3.03e-003	0.13	0.32	-0.15
367	159	-6.17e-004	-5.28e-003	-3.77e-003	3.32e-002	-0.43	-1.72e-002
	155	-6.17e-004	9.18e-004	-5.47e-003	0.27	-0.46	9.34e-002
	160	-2.38e-003	9.18e-004	-2.14e-003	0.24	-0.15	0.30
	142	-2.38e-003	-5.28e-003	-4.41e-004	0.34	-0.52	0.19
368	154	6.91e-005	-1.53e-003	-4.79e-003	-8.09e-003	0.20	-0.16
	151	6.91e-005	2.88e-003	-5.69e-003	9.27e-002	-9.80e-003	-8.91e-002
	155	-6.17e-004	2.88e-003	-5.74e-003	0.27	-0.34	7.70e-004
	159	-6.17e-004	-1.53e-003	-4.85e-003	-2.16e-002	-0.70	-6.55e-002
369	363	3.53e-004	7.42e-003	-5.32e-003	0.11	1.11	-0.11
	392	3.53e-004	7.88e-003	-5.88e-003	-2.66e-002	0.75	-8.85e-002

	151	6.91e-005	7.88e-003	-5.64e-003	0.12	0.27	-0.13
	154	6.91e-005	7.42e-003	-5.08e-003	1.46e-002	-1.32e-002	-0.16
373	126	-1.61e-003	-1.04e-003	-4.02e-003	0.17	-3.85e-002	-1.71e-002
	391	-1.61e-003	1.57e-002	-3.84e-003	-4.47e-002	-0.43	2.41e-002
	363	-4.55e-003	1.57e-002	-8.72e-003	0.32	0.59	4.80e-002
	128	-4.55e-003	-1.04e-003	-8.90e-003	-1.80e-002	0.17	6.88e-003
374	123	2.57e-003	-4.04e-003	-3.08e-003	9.32e-002	-3.58e-002	1.03e-002
	389	2.57e-003	1.80e-002	-3.64e-003	-9.01e-002	-0.25	5.88e-002
	391	-1.61e-003	1.80e-002	-2.97e-003	0.25	0.35	6.21e-002
	126	-1.61e-003	-4.04e-003	-2.40e-003	-4.63e-002	0.13	1.36e-002
375	119	-7.51e-005	-5.15e-003	-5.97e-003	8.65e-002	-4.91e-002	2.37e-002
	387	-7.51e-005	1.98e-002	-2.46e-003	-0.10	-0.25	4.11e-002
	389	2.57e-003	1.98e-002	-3.28e-003	0.11	0.27	4.01e-002
	123	2.57e-003	-5.15e-003	-6.80e-003	-5.53e-002	7.28e-002	2.27e-002
376	115	-3.40e-003	-6.83e-003	-6.99e-003	9.30e-002	-7.90e-002	1.88e-002
	385	-3.40e-003	2.28e-002	-4.25e-003	-2.71e-002	-0.29	2.71e-002
	387	-7.51e-005	2.28e-002	-2.73e-003	0.15	0.31	2.97e-002
	119	-7.51e-005	-6.83e-003	-5.47e-003	-5.07e-002	8.68e-002	2.14e-002
377	111	-1.14e-003	-7.02e-003	1.29e-003	5.13e-002	-0.13	2.39e-002
	383	-1.14e-003	2.49e-002	-1.18e-003	2.83e-002	-0.24	4.43e-002
	385	-3.40e-003	2.49e-002	-4.39e-003	0.18	0.14	4.91e-002
	115	-3.40e-003	-7.02e-003	-1.92e-003	-1.20e-002	2.52e-002	2.88e-002
378	106	1.87e-003	-8.70e-003	2.31e-003	8.60e-003	-0.15	5.02e-002
	381	1.87e-003	2.32e-002	-8.86e-004	2.75e-003	-0.14	6.75e-002
	383	-1.14e-003	2.32e-002	-6.16e-004	6.69e-002	-0.13	6.54e-002
	111	-1.14e-003	-8.70e-003	2.58e-003	1.76e-002	-0.12	4.81e-002
379	102	-4.08e-005	-8.44e-003	5.68e-005	-1.22e-003	-0.13	5.75e-002
	379	-4.08e-005	2.24e-002	-1.00e-004	3.55e-003	-0.12	5.36e-002
	381	1.87e-003	2.24e-002	-5.65e-004	-1.81e-002	-0.17	5.45e-002
	106	1.87e-003	-8.44e-003	-4.08e-004	3.88e-003	-0.16	5.85e-002
380	98	-1.88e-003	-8.36e-003	-5.13e-004	-5.19e-003	-0.13	5.47e-002
	377	-1.88e-003	2.27e-002	-8.73e-004	2.86e-002	-0.13	5.07e-002
	379	-4.08e-005	2.27e-002	-1.49e-004	4.03e-003	-0.13	4.97e-002
	102	-4.08e-005	-8.36e-003	2.11e-004	2.47e-003	-0.13	5.37e-002
381	61	-5.05e-005	-7.82e-003	3.53e-003	-3.68e-002	-0.16	5.76e-002
	375	-5.05e-005	2.22e-002	2.11e-004	1.41e-002	-0.12	6.61e-002
	377	-1.88e-003	2.22e-002	-1.05e-003	9.84e-003	-0.18	6.58e-002
	98	-1.88e-003	-7.82e-003	2.27e-003	3.54e-003	-0.14	5.73e-002
382	621	1.81e-003	-8.51e-003	2.43e-003	-5.03e-002	-0.23	6.16e-002
	373	1.81e-003	1.98e-002	-9.21e-004	-5.09e-002	-0.19	7.15e-002
	375	-5.05e-005	1.98e-002	2.26e-004	-4.87e-002	-0.26	6.99e-002
	61	-5.05e-005	-8.51e-003	3.58e-003	-1.06e-002	-0.21	6.00e-002
383	619	1.50e-005	-8.05e-003	3.80e-004	-6.43e-002	-0.29	4.48e-002
	371	1.50e-005	1.88e-002	-1.86e-004	-8.55e-002	-0.26	5.01e-002
	373	1.81e-003	1.88e-002	-7.82e-004	-8.62e-002	-0.28	6.24e-002
	621	1.81e-003	-8.05e-003	-2.16e-004	-4.12e-002	-0.26	5.71e-002
384	617	-9.71e-004	-8.21e-003	-6.21e-005	-8.28e-002	-0.37	1.64e-002
	369	-9.71e-004	1.82e-002	-3.57e-004	-0.18	-0.38	3.77e-002
	371	1.50e-005	1.82e-002	2.16e-005	-0.11	-0.29	4.96e-002
	619	1.50e-005	-8.21e-003	3.17e-004	-6.38e-002	-0.30	2.83e-002
385	355	2.18e-004	-7.51e-003	3.11e-003	-2.73e-002	-0.25	4.22e-002
	289	2.18e-004	1.81e-002	8.84e-004	-0.15	-0.31	2.27e-002
	369	-9.71e-004	1.81e-002	-3.37e-004	-0.17	-0.31	1.18e-002
	617	-9.71e-004	-7.51e-003	1.89e-003	-8.71e-002	-0.36	3.13e-002
386	127	-5.96e-003	-4.35e-002	-6.99e-003	-4.69e-003	0.11	-5.86e-002
	126	-5.96e-003	-1.04e-003	2.56e-004	3.84e-002	1.86e-002	-5.51e-002
	128	2.90e-003	-1.04e-003	-8.96e-003	5.53e-002	0.11	-8.28e-002
	362	2.90e-003	-4.35e-002	-1.62e-002	-1.27e-002	6.09e-002	-8.63e-002
387	124	-7.73e-004	-3.07e-002	-7.75e-003	1.28e-002	4.90e-002	-1.67e-002
	123	-7.73e-004	-4.04e-003	-3.78e-003	1.31e-002	-2.19e-003	-1.66e-002

	126	-5.96e-003	-4.04e-003	1.87e-003	5.13e-002	0.10	-4.08e-002
	127	-5.96e-003	-3.07e-002	-2.10e-003	-2.50e-002	8.85e-002	-4.10e-002
388	120	1.16e-004	-4.66e-002	1.88e-003	9.87e-003	2.08e-002	-1.80e-003
	119	1.16e-004	-5.15e-003	-4.50e-003	6.03e-003	-2.04e-002	-6.92e-004
	123	-7.73e-004	-5.15e-003	-7.49e-003	2.32e-002	4.82e-002	-1.26e-002
	124	-7.73e-004	-4.66e-002	-1.11e-003	-4.47e-003	2.59e-002	-1.37e-002
389	116	2.05e-003	-5.63e-002	-1.31e-003	1.08e-002	8.46e-003	9.30e-003
	115	2.05e-003	-6.83e-003	-6.87e-003	2.60e-002	-4.61e-002	4.50e-004
	119	1.16e-004	-6.83e-003	-4.00e-003	2.15e-002	5.22e-002	-6.70e-003
	120	1.16e-004	-5.63e-002	1.56e-003	-6.94e-003	8.99e-003	2.15e-003
390	112	-4.05e-003	-7.15e-002	-5.30e-003	1.26e-002	-6.49e-002	2.32e-002
	111	-4.05e-003	-7.02e-003	3.82e-003	3.64e-002	-0.11	1.81e-002
	115	2.05e-003	-7.02e-003	-1.80e-003	3.73e-002	1.77e-003	6.39e-003
	116	2.05e-003	-7.15e-002	-1.09e-002	-1.08e-003	-2.17e-002	1.15e-002
391	107	-5.94e-004	-5.52e-002	-5.71e-003	7.55e-003	-0.14	4.26e-002
	106	-5.94e-004	-8.70e-003	1.32e-003	1.15e-002	-0.15	5.11e-002
	111	-4.05e-003	-8.70e-003	5.11e-003	3.27e-002	-0.12	3.51e-002
	112	-4.05e-003	-5.52e-002	-1.92e-003	7.81e-003	-0.10	2.66e-002
392	103	4.50e-005	-6.01e-002	1.01e-003	1.93e-004	-0.14	5.38e-002
	102	4.50e-005	-8.44e-003	5.45e-004	-3.69e-004	-0.13	5.82e-002
	106	-5.94e-004	-8.44e-003	-1.40e-003	9.21e-003	-0.15	5.35e-002
	107	-5.94e-004	-6.01e-002	-9.41e-004	1.64e-003	-0.13	4.91e-002
393	99	9.57e-004	-6.06e-002	-9.33e-004	-3.58e-003	-0.14	5.15e-002
	98	9.57e-004	-8.36e-003	-1.08e-003	-1.31e-003	-0.13	5.24e-002
	102	4.50e-005	-8.36e-003	7.00e-004	-4.90e-004	-0.13	5.46e-002
	103	4.50e-005	-6.06e-002	8.49e-004	-2.08e-003	-0.13	5.37e-002
394	62	-1.69e-004	-6.46e-002	-2.70e-003	-3.77e-002	-0.15	4.54e-002
	61	-1.69e-004	-7.82e-003	5.05e-003	-2.31e-002	-0.17	6.32e-002
	98	9.57e-004	-7.82e-003	1.70e-003	-8.25e-003	-0.13	5.82e-002
	99	9.57e-004	-6.46e-002	-6.04e-003	-7.68e-003	-0.14	4.04e-002
395	622	-8.85e-004	-4.98e-002	-5.78e-003	-5.62e-003	-0.26	7.25e-002
	621	-8.85e-004	-8.51e-003	1.88e-003	-4.12e-002	-0.24	6.31e-002
	61	-1.69e-004	-8.51e-003	5.10e-003	-3.07e-002	-0.20	6.07e-002
	62	-1.69e-004	-4.98e-002	-2.56e-003	-3.96e-002	-0.17	7.01e-002
396	620	5.40e-006	-5.32e-002	7.42e-004	-8.56e-003	-0.32	3.80e-002
	619	5.40e-006	-8.05e-003	7.94e-004	-4.91e-002	-0.30	4.10e-002
	621	-8.85e-004	-8.05e-003	-7.70e-004	-3.77e-002	-0.26	6.27e-002
	622	-8.85e-004	-5.32e-002	-8.21e-004	-1.25e-002	-0.27	5.97e-002
397	618	6.37e-004	-5.31e-002	-6.56e-004	-9.42e-003	-0.35	1.66e-002
	617	6.37e-004	-8.21e-003	-5.62e-004	-4.78e-002	-0.37	1.45e-002
	619	5.40e-006	-8.21e-003	7.31e-004	-5.36e-002	-0.31	2.88e-002
	620	5.40e-006	-5.31e-002	6.37e-004	-9.04e-003	-0.35	3.09e-002
398	288	7.50e-004	-5.54e-002	-1.53e-003	-3.48e-002	-0.20	3.61e-002
	355	7.50e-004	-7.51e-003	3.72e-003	-4.50e-002	-0.24	4.62e-002
	617	6.37e-004	-7.51e-003	1.39e-003	-5.66e-002	-0.36	2.42e-002
	618	6.37e-004	-5.54e-002	-3.86e-003	2.27e-003	-0.36	1.41e-002
399	603	-6.63e-003	-8.56e-002	1.85e-002	-0.10	0.47	0.15
	616	-6.63e-003	-3.06e-002	-1.01e-002	0.10	1.16	3.88e-002
	357	-1.37e-003	-3.06e-002	-1.63e-002	-0.34	2.02	-0.31
	604	-1.37e-003	-8.56e-002	1.24e-002	5.80e-002	3.26	-0.20
400	602	2.35e-003	-0.12	1.23e-002	-0.12	-1.38	3.84e-002
	615	2.35e-003	-4.72e-002	-1.72e-002	0.13	-9.96e-001	-9.21e-003
	616	-6.63e-003	-4.72e-002	-1.30e-002	7.94e-002	-7.21e-002	5.65e-002
	603	-6.63e-003	-0.12	1.66e-002	-0.19	0.20	0.10
401	601	6.35e-004	-0.13	7.44e-003	-0.25	-0.53	-0.20
	614	6.35e-004	-4.45e-002	1.54e-003	-6.32e-002	-0.93	-0.10
	615	2.35e-003	-4.45e-002	-8.67e-004	7.19e-002	-1.04	-9.46e-002
	602	2.35e-003	-0.13	5.04e-003	-0.14	-1.45	-0.20
402	600	-5.49e-004	-0.12	3.35e-003	-0.12	-0.17	8.94e-002
	613	-5.49e-004	-5.77e-002	-8.82e-004	-4.88e-002	-0.21	3.95e-002

	614	6.35e-004	-5.77e-002	1.74e-003	-7.63e-002	-0.57	-9.10e-002
	601	6.35e-004	-0.12	5.97e-003	-0.22	-0.41	-4.11e-002
403	599	-4.01e-003	-0.12	9.78e-003	-1.04e-002	-3.10e-002	0.15
	612	-4.01e-003	-6.28e-002	-1.94e-003	-2.45e-002	-2.69e-002	0.13
	613	-5.49e-004	-6.28e-002	-5.68e-003	5.75e-003	-0.21	8.25e-002
	600	-5.49e-004	-0.12	6.04e-003	-0.11	-0.13	0.11
404	598	1.98e-003	-0.12	2.97e-003	3.79e-002	-1.44e-003	0.15
	611	1.98e-003	-8.73e-002	-1.10e-002	-2.08e-003	1.69e-002	0.14
	612	-4.01e-003	-8.73e-002	-5.52e-003	-5.51e-003	-1.42e-002	0.13
	599	-4.01e-003	-0.12	8.46e-003	1.51e-003	9.69e-003	0.15
405	597	3.90e-005	-0.13	6.90e-004	2.69e-002	-7.45e-002	0.12
	610	3.90e-005	-7.99e-002	1.02e-003	6.03e-003	-6.16e-002	0.13
	611	1.98e-003	-7.99e-002	-1.55e-003	5.74e-003	-1.20e-002	0.14
	598	1.98e-003	-0.13	-1.88e-003	3.42e-002	-2.32e-002	0.14
406	596	-9.22e-004	-0.13	-1.70e-003	1.35e-002	-0.12	0.10
	609	-9.22e-004	-7.81e-002	-9.98e-004	7.57e-003	-0.12	0.11
	610	3.90e-005	-7.81e-002	1.01e-003	3.75e-003	-8.10e-002	0.12
	597	3.90e-005	-0.13	3.14e-004	2.19e-002	-0.10	0.12
407	595	-1.76e-004	-0.13	4.42e-003	2.93e-002	-0.12	0.11
	608	-1.76e-004	-7.30e-002	-2.54e-003	3.72e-002	-0.14	9.31e-002
	609	-9.22e-004	-7.30e-002	-5.90e-003	7.43e-003	-0.12	9.28e-002
	596	-9.22e-004	-0.13	1.06e-003	1.87e-002	-0.14	0.11
408	594	9.29e-004	-0.13	1.06e-003	3.72e-002	-9.49e-002	0.11
	607	9.29e-004	-8.63e-002	-6.03e-003	6.23e-003	-7.98e-002	0.12
	608	-1.76e-004	-8.63e-002	-2.72e-003	3.60e-002	-0.13	0.12
	595	-1.76e-004	-0.13	4.37e-003	3.46e-002	-0.10	0.11
409	593	-7.25e-006	-0.13	-1.67e-005	2.70e-002	-0.10	0.10
	606	-7.25e-006	-8.09e-002	7.48e-004	3.37e-003	-0.10	0.10
	607	9.29e-004	-8.09e-002	-8.83e-004	7.89e-003	-8.34e-002	0.11
	594	9.29e-004	-0.13	-1.65e-003	2.98e-002	-0.10	0.11
410	592	-7.25e-004	-0.13	-1.46e-003	2.16e-002	-0.12	8.27e-002
	605	-7.25e-004	-7.93e-002	-7.00e-004	6.41e-003	-0.12	8.26e-002
	606	-7.25e-006	-7.93e-002	6.82e-004	4.80e-003	-0.10	0.10
	593	-7.25e-006	-0.13	-7.47e-005	2.29e-002	-0.12	0.10
411	348	4.46e-004	-0.13	3.04e-003	3.84e-002	-0.12	8.55e-002
	283	4.46e-004	-7.52e-002	-1.94e-003	4.29e-002	-0.14	6.76e-002
	605	-7.25e-004	-7.52e-002	-4.42e-003	9.94e-003	-0.12	6.86e-002
	592	-7.25e-004	-0.13	5.70e-004	2.63e-002	-0.14	8.65e-002
412	591	-1.03e-003	-0.11	2.55e-002	-1.93	-3.24	-0.77
	603	-1.03e-003	-8.56e-002	3.20e-002	0.47	-6.66e-003	-8.35e-002
	604	1.69e-003	-8.56e-002	2.74e-002	-0.96	4.16	-1.05
	356	1.69e-003	-0.11	2.09e-002	2.39	8.30	-1.73
413	590	-3.70e-003	-0.20	-3.74e-004	-1.62	-3.08	-0.30
	602	-3.70e-003	-0.12	8.76e-003	-0.16	-1.65	1.51e-002
	603	-1.03e-003	-0.12	3.00e-002	-0.80	0.52	-0.33
	591	-1.03e-003	-0.20	2.09e-002	0.36	2.28	-0.65
414	589	2.94e-004	-0.17	1.31e-003	-0.49	-0.51	-5.36e-002
	601	2.94e-004	-0.13	7.24e-003	-0.20	-0.41	-0.22
	602	-3.70e-003	-0.13	1.45e-003	-0.60	-1.56	-0.39
	590	-3.70e-003	-0.17	-4.48e-003	-0.79	-1.29	-0.23
415	588	1.87e-003	-0.17	1.32e-004	-0.26	-0.45	0.12
	600	1.87e-003	-0.12	4.15e-003	-6.21e-002	-0.19	7.23e-002
	601	2.94e-004	-0.12	5.77e-003	-0.33	-0.32	-5.60e-002
	589	2.94e-004	-0.17	1.75e-003	-0.20	6.32e-002	-7.48e-003
416	587	-1.25e-003	-0.16	1.25e-003	-2.12e-002	-0.27	0.17
	599	-1.25e-003	-0.12	7.93e-003	5.12e-002	-5.77e-002	0.14
	600	1.87e-003	-0.12	6.85e-003	-0.13	-8.48e-002	0.11
	588	1.87e-003	-0.16	1.63e-004	1.64e-002	0.16	0.14
417	586	-3.43e-003	-0.15	-1.99e-003	0.10	-0.12	0.15
	598	-3.43e-003	-0.12	3.65e-003	5.74e-002	-1.73e-002	0.15

	599	-1.25e-003	-0.12	6.61e-003	-1.49e-002	3.55e-002	0.14
	587	-1.25e-003	-0.15	9.78e-004	0.17	0.14	0.14
418	585	-2.63e-005	-0.15	-2.46e-004	5.47e-002	-5.75e-002	0.10
	597	-2.63e-005	-0.13	3.27e-004	2.22e-002	-7.66e-002	0.13
	598	-3.43e-003	-0.13	-1.20e-003	4.62e-002	-2.49e-002	0.14
	586	-3.43e-003	-0.15	-1.78e-003	0.12	-5.36e-002	0.11
419	584	1.85e-003	-0.15	-9.01e-004	-3.60e-003	-0.10	0.10
	596	1.85e-003	-0.13	-1.06e-003	1.06e-002	-0.12	0.11
	597	-2.63e-005	-0.13	-4.85e-005	2.88e-002	-0.10	0.12
	585	-2.63e-005	-0.15	1.10e-004	8.08e-003	-0.13	0.11
420	583	-5.78e-005	-0.15	1.32e-004	1.50e-002	-0.14	0.12
	595	-5.78e-005	-0.13	2.92e-003	3.55e-002	-0.12	0.11
	596	1.85e-003	-0.13	1.70e-003	1.45e-002	-0.13	0.11
	584	1.85e-003	-0.15	-1.09e-003	-3.76e-003	-0.12	0.12
421	582	-1.90e-003	-0.15	-1.17e-003	7.80e-002	-0.11	0.12
	594	-1.90e-003	-0.13	1.60e-003	3.69e-002	-9.23e-002	0.11
	595	-5.78e-005	-0.13	2.87e-003	2.72e-002	-0.10	0.11
	583	-5.78e-005	-0.15	1.05e-004	5.38e-002	-8.46e-002	0.12
422	581	4.94e-006	-0.15	-2.90e-004	6.39e-002	-7.50e-002	9.49e-002
	593	4.94e-006	-0.13	-3.67e-004	2.08e-002	-0.10	0.10
	594	-1.90e-003	-0.13	-1.11e-003	4.70e-002	-0.10	0.11
	582	-1.90e-003	-0.15	-1.03e-003	6.55e-002	-0.13	0.10
423	580	1.36e-003	-0.15	-8.38e-004	2.67e-002	-0.10	8.64e-002
	592	1.36e-003	-0.13	-1.07e-003	1.84e-002	-0.12	8.92e-002
	593	4.94e-006	-0.13	-4.25e-004	3.70e-002	-0.12	0.10
	581	4.94e-006	-0.15	-1.91e-004	1.97e-002	-0.16	9.32e-002
424	282	1.30e-004	-0.15	5.77e-005	3.07e-002	-0.14	8.91e-002
	348	1.30e-004	-0.13	1.95e-003	4.32e-002	-0.13	8.20e-002
	592	1.36e-003	-0.13	9.54e-004	2.96e-002	-0.14	8.91e-002
	580	1.36e-003	-0.15	-9.38e-004	1.42e-002	-0.14	0.10
425	578	3.48e-002	-0.37	1.78e-002	-0.90	-2.00	-0.93
	591	3.48e-002	-0.11	5.16e-004	0.55	0.62	-0.67
	356	-8.82e-003	-0.11	0.16	-0.22	-3.78	-0.97
	579	-8.82e-003	-0.37	0.18	0.66	-0.78	-1.23
426	577	4.79e-003	-0.17	6.56e-003	-0.30	-3.28	-5.79e-002
	590	4.79e-003	-0.20	1.01e-002	-0.86	-2.55	7.56e-002
	591	3.48e-002	-0.20	-9.07e-003	-1.01	-4.28	-0.67
	578	3.48e-002	-0.17	-1.26e-002	0.27	-2.59	-0.80
427	576	-1.49e-003	-0.17	-6.21e-003	-0.12	-2.57	0.26
	589	-1.49e-003	-0.17	-3.91e-003	-0.50	-3.02	8.44e-002
	590	4.79e-003	-0.17	8.28e-004	-0.61	-2.53	-4.83e-002
	577	4.79e-003	-0.17	-1.48e-003	-0.54	-2.81	0.12
428	575	-1.40e-003	-0.16	-2.66e-003	-1.95e-002	-2.15	0.32
	588	-1.40e-003	-0.17	1.03e-003	-0.20	-2.49	0.25
	589	-1.49e-003	-0.17	-2.01e-003	-0.17	-2.21	0.20
	576	-1.49e-003	-0.16	-5.70e-003	-0.26	-2.50	0.27
429	574	-4.53e-004	-0.15	-2.89e-004	8.72e-002	-1.73	0.35
	587	-4.53e-004	-0.16	1.26e-003	-7.50e-002	-2.07	0.30
	588	-1.40e-003	-0.16	8.51e-004	1.27e-002	-1.79	0.28
	575	-1.40e-003	-0.15	-7.01e-004	-0.15	-2.10	0.33
430	573	3.31e-006	-0.15	2.21e-004	2.93e-002	-1.44	0.17
	586	3.31e-006	-0.15	5.71e-004	5.93e-002	-1.67	0.16
	587	-4.53e-004	-0.15	9.49e-004	0.21	-1.18	0.29
	574	-4.53e-004	-0.15	5.99e-004	-0.15	-1.56	0.30
431	572	8.06e-005	-0.15	2.91e-004	2.27e-002	-1.60	7.61e-002
	585	8.06e-005	-0.15	-1.17e-005	2.00e-002	-1.72	9.47e-002
	586	3.31e-006	-0.15	1.38e-004	0.11	-1.33	0.14
	573	3.31e-006	-0.15	4.41e-004	-9.29e-003	-1.50	0.12
432	571	2.98e-005	-0.15	2.83e-004	1.77e-002	-1.69	0.11
	584	2.98e-005	-0.15	-3.87e-007	-8.30e-003	-1.77	0.12

	585	8.06e-005	-0.15	-5.99e-005	1.69e-002	-1.61	9.41e-002
	572	8.06e-005	-0.15	2.23e-004	1.99e-002	-1.65	8.53e-002
433	570	4.01e-005	-0.15	3.18e-004	0.10	-1.67	0.19
	583	4.01e-005	-0.15	2.57e-004	-5.25e-002	-1.87	0.18
	584	2.98e-005	-0.15	1.19e-004	2.42e-002	-1.60	0.12
	571	2.98e-005	-0.15	1.80e-004	-6.38e-003	-1.73	0.13
434	569	3.72e-005	-0.15	-8.83e-006	5.12e-002	-1.53	0.13
	582	3.72e-005	-0.15	-2.98e-006	3.56e-002	-1.66	0.13
	583	4.01e-005	-0.15	2.53e-004	0.12	-1.38	0.18
	570	4.01e-005	-0.15	2.48e-004	-5.52e-002	-1.58	0.19
435	568	2.11e-006	-0.15	-1.39e-004	3.81e-002	-1.61	7.80e-002
	581	2.11e-006	-0.15	-2.45e-004	3.69e-002	-1.67	8.54e-002
	582	3.72e-005	-0.15	-1.46e-004	8.03e-002	-1.46	0.12
	569	3.72e-005	-0.15	-4.07e-005	1.75e-002	-1.56	0.11
436	567	-6.14e-005	-0.15	-6.22e-005	4.42e-002	-1.69	9.00e-002
	580	-6.14e-005	-0.15	-1.74e-004	1.52e-002	-1.76	0.10
	581	2.11e-006	-0.15	-2.57e-004	3.79e-002	-1.61	8.25e-002
	568	2.11e-006	-0.15	-1.45e-004	3.76e-002	-1.65	7.73e-002
437	343	-6.83e-005	-0.15	1.87e-004	9.49e-002	-1.70	0.14
	282	-6.83e-005	-0.15	1.65e-004	-8.39e-003	-1.83	0.14
	580	-6.14e-005	-0.15	-5.33e-005	4.10e-002	-1.63	0.10
	567	-6.14e-005	-0.15	-3.14e-005	2.72e-002	-1.72	0.10
438	566	2.10e-002	-0.14	-6.08e-002	-8.82e-002	-1.68	-0.60
	578	2.10e-002	-0.37	4.92e-002	-6.35e-002	-2.12	-0.57
	579	-2.47e-002	-0.37	-0.10	0.14	-0.54	-0.72
	364	-2.47e-002	-0.14	-0.21	-0.21	-0.78	-0.75
439	565	-2.79e-003	-0.17	-4.38e-002	0.17	-2.75	-5.71e-002
	577	-2.79e-003	-0.17	-7.06e-003	-0.23	-3.13	-6.46e-002
	578	2.10e-002	-0.17	1.88e-002	-7.25e-002	-2.29	-0.41
	566	2.10e-002	-0.17	-1.80e-002	-7.35e-003	-2.22	-0.41
440	564	-4.16e-003	-0.14	-7.73e-003	3.60e-002	-2.51	0.19
	576	-4.16e-003	-0.17	-5.25e-003	-0.12	-2.55	0.21
	577	-2.79e-003	-0.17	-1.51e-002	-2.12e-002	-2.73	0.11
	565	-2.79e-003	-0.14	-1.76e-002	-1.63e-002	-2.64	9.40e-002
441	563	-2.61e-003	-0.15	-4.41e-003	-2.51e-002	-2.15	0.27
	575	-2.61e-003	-0.16	-4.30e-003	-6.15e-002	-2.12	0.27
	576	-4.16e-003	-0.16	-4.73e-003	-0.10	-2.49	0.24
	564	-4.16e-003	-0.15	-4.84e-003	-4.57e-003	-2.43	0.24
442	562	-7.91e-004	-0.15	-1.23e-003	-5.20e-002	-1.79	0.27
	574	-7.91e-004	-0.15	-1.02e-003	-7.36e-002	-1.72	0.28
	575	-2.61e-003	-0.15	-2.34e-003	-7.15e-002	-2.11	0.29
	563	-2.61e-003	-0.15	-2.55e-003	-4.24e-002	-2.05	0.28
443	561	5.47e-005	-0.15	-8.18e-005	-0.10	-1.54	0.16
	573	5.47e-005	-0.15	2.46e-004	-2.17e-002	-1.46	0.15
	574	-7.91e-004	-0.15	-1.27e-004	-4.64e-002	-1.64	0.24
	562	-7.91e-004	-0.15	-4.55e-004	-0.10	-1.67	0.24
444	560	9.49e-005	-0.15	3.70e-004	-4.59e-002	-1.59	9.06e-002
	572	9.49e-005	-0.15	5.10e-004	1.17e-002	-1.58	6.96e-002
	573	5.47e-005	-0.15	4.66e-004	-5.72e-002	-1.55	0.10
	561	5.47e-005	-0.15	3.25e-004	-4.22e-002	-1.57	0.12
445	559	3.72e-006	-0.15	3.29e-004	-3.43e-003	-1.66	0.11
	571	3.72e-006	-0.15	3.58e-004	2.44e-002	-1.67	0.10
	572	9.49e-005	-0.15	4.43e-004	-9.14e-003	-1.66	7.66e-002
	560	9.49e-005	-0.15	4.14e-004	6.96e-004	-1.63	8.61e-002
446	558	8.24e-005	-0.15	1.51e-004	2.19e-002	-1.65	0.15
	570	8.24e-005	-0.15	1.57e-004	3.69e-003	-1.65	0.15
	571	3.72e-006	-0.15	2.55e-004	1.26e-002	-1.72	0.12
	559	3.72e-006	-0.15	2.49e-004	1.41e-002	-1.68	0.12
447	557	1.44e-004	-0.15	1.07e-004	-4.47e-003	-1.58	0.12
	569	1.44e-004	-0.15	8.76e-005	2.02e-002	-1.54	0.12

	570	8.24e-005	-0.15	8.70e-005	2.95e-002	-1.61	0.15
	558	8.24e-005	-0.15	1.06e-004	-9.56e-003	-1.60	0.15
448	556	1.09e-005	-0.15	1.05e-004	9.90e-003	-1.62	8.31e-002
	568	1.09e-005	-0.15	4.26e-005	3.72e-002	-1.61	7.44e-002
	569	1.44e-004	-0.15	5.57e-005	8.01e-003	-1.58	9.32e-002
	557	1.44e-004	-0.15	1.18e-004	1.23e-002	-1.59	0.10
449	555	-1.40e-004	-0.15	1.02e-004	3.39e-002	-1.68	8.90e-002
	567	-1.40e-004	-0.15	3.86e-005	5.01e-002	-1.68	8.17e-002
	568	1.09e-005	-0.15	3.70e-005	2.46e-002	-1.66	7.24e-002
	556	1.09e-005	-0.15	1.01e-004	3.71e-002	-1.65	7.96e-002
450	290	-1.47e-004	-0.15	7.60e-005	5.36e-002	-1.68	0.12
	343	-1.47e-004	-0.15	6.50e-005	4.32e-002	-1.68	0.12
	567	-1.40e-004	-0.15	6.95e-005	4.13e-002	-1.72	0.10
	555	-1.40e-004	-0.15	8.04e-005	4.96e-002	-1.69	0.10
451	553	1.72e-002	-3.22e-002	-1.69e-002	-0.16	-1.51	-0.21
	566	1.72e-002	-0.14	-0.10	-6.12e-002	-1.47	-0.56
	364	5.30e-002	-0.14	-0.10	-0.59	-0.87	-0.79
	554	5.30e-002	-3.22e-002	-2.12e-002	-0.60	-0.49	-0.45
452	552	-5.10e-004	-0.10	-6.80e-003	0.22	-2.45	1.68e-003
	565	-5.10e-004	-0.17	-3.60e-002	0.11	-2.60	-0.11
	566	1.72e-002	-0.17	-5.73e-002	1.19e-002	-2.15	-0.34
	553	1.72e-002	-0.10	-2.81e-002	1.88e-002	-1.95	-0.23
453	551	-7.61e-003	-0.13	-6.20e-003	0.16	-2.45	0.14
	564	-7.61e-003	-0.14	-8.16e-003	6.70e-002	-2.49	0.19
	565	-5.10e-004	-0.14	-9.75e-003	0.18	-2.57	6.92e-002
	552	-5.10e-004	-0.13	-7.79e-003	0.18	-2.45	2.11e-002
454	550	-4.22e-003	-0.14	-2.27e-003	3.72e-002	-2.14	0.22
	563	-4.22e-003	-0.15	-4.04e-003	-1.67e-002	-2.16	0.27
	564	-7.61e-003	-0.15	-5.28e-003	6.69e-002	-2.38	0.22
	551	-7.61e-003	-0.14	-3.51e-003	0.10	-2.33	0.17
455	549	-1.72e-003	-0.14	-7.53e-004	-4.49e-002	-1.82	0.23
	562	-1.72e-003	-0.15	-1.29e-003	-9.01e-002	-1.81	0.27
	563	-4.22e-003	-0.15	-2.18e-003	-1.52e-002	-2.03	0.28
	550	-4.22e-003	-0.14	-1.64e-003	-1.32e-002	-2.02	0.24
456	548	-2.29e-004	-0.15	2.54e-005	-9.19e-002	-1.62	0.17
	561	-2.29e-004	-0.15	-1.64e-004	-7.81e-002	-1.58	0.17
	562	-1.72e-003	-0.15	-5.18e-004	-6.90e-002	-1.69	0.23
	549	-1.72e-003	-0.15	-3.29e-004	-8.73e-002	-1.73	0.23
457	547	1.31e-004	-0.15	3.55e-004	-6.16e-002	-1.61	0.13
	560	1.31e-004	-0.15	3.64e-004	-3.00e-002	-1.60	0.10
	561	-2.29e-004	-0.15	2.43e-004	-8.74e-002	-1.59	0.13
	548	-2.29e-004	-0.15	2.34e-004	-6.95e-002	-1.63	0.15
458	546	1.22e-004	-0.15	2.96e-004	-1.81e-002	-1.64	0.13
	559	1.22e-004	-0.15	3.25e-004	9.32e-004	-1.66	0.11
	560	1.31e-004	-0.15	4.08e-004	-3.54e-002	-1.63	0.10
	547	1.31e-004	-0.15	3.80e-004	-3.13e-002	-1.63	0.12
459	545	1.52e-004	-0.15	1.68e-004	2.63e-003	-1.64	0.15
	558	1.52e-004	-0.15	1.66e-004	-7.25e-003	-1.65	0.14
	559	1.22e-004	-0.15	2.44e-004	4.18e-003	-1.66	0.13
	546	1.22e-004	-0.15	2.47e-004	-1.02e-002	-1.65	0.13
460	544	1.54e-004	-0.15	1.31e-004	-6.95e-003	-1.61	0.12
	557	1.54e-004	-0.15	1.19e-004	-1.68e-003	-1.59	0.12
	558	1.52e-004	-0.15	1.21e-004	1.16e-002	-1.61	0.14
	545	1.52e-004	-0.15	1.32e-004	-1.64e-002	-1.62	0.14
461	543	1.72e-005	-0.15	1.43e-004	3.98e-003	-1.63	0.10
	556	1.72e-005	-0.15	1.45e-004	2.15e-002	-1.62	9.03e-002
	557	1.54e-004	-0.15	1.30e-004	-1.49e-003	-1.60	0.11
	544	1.54e-004	-0.15	1.28e-004	-1.80e-003	-1.62	0.12
462	542	-1.39e-004	-0.15	1.18e-004	2.53e-002	-1.66	0.10
	555	-1.39e-004	-0.15	1.21e-004	4.06e-002	-1.67	9.27e-002

	556	1.72e-005	-0.15	1.41e-004	1.76e-002	-1.65	8.71e-002
	543	1.72e-005	-0.15	1.39e-004	1.98e-002	-1.65	0.10
463	338	-1.90e-004	-0.15	8.57e-005	3.76e-002	-1.67	0.12
	290	-1.90e-004	-0.15	8.05e-005	3.72e-002	-1.68	0.12
	555	-1.39e-004	-0.15	9.86e-005	4.05e-002	-1.68	0.10
	542	-1.39e-004	-0.15	1.04e-004	3.20e-002	-1.67	0.10
464	540	-2.05e-002	-3.21e-002	-6.12e-003	-5.32e-002	-1.56	0.19
	553	-2.05e-002	-3.22e-002	9.45e-003	-7.32e-002	-1.49	-0.18
	554	0.13	-3.22e-002	8.22e-003	-0.63	-0.44	-0.13
	541	0.13	-3.21e-002	-7.35e-003	-0.53	-0.44	0.24
465	539	-1.41e-002	-0.10	4.47e-003	0.21	-2.39	5.09e-002
	552	-1.41e-002	-0.10	-2.37e-003	0.23	-2.41	-5.71e-002
	553	-2.05e-002	-0.10	-1.72e-003	3.16e-002	-1.91	-6.14e-002
	540	-2.05e-002	-0.10	5.12e-003	0.11	-1.92	4.66e-002
466	538	-6.72e-003	-0.13	4.88e-003	0.16	-2.38	5.14e-002
	551	-6.72e-003	-0.13	-3.56e-003	0.17	-2.43	0.10
	552	-1.41e-002	-0.13	-3.36e-003	0.22	-2.41	4.39e-002
	539	-1.41e-002	-0.13	5.08e-003	0.25	-2.37	-5.64e-003
467	537	-5.17e-003	-0.14	1.50e-003	4.89e-002	-2.10	0.13
	550	-5.17e-003	-0.14	-1.07e-003	3.08e-002	-2.13	0.20
	551	-6.72e-003	-0.14	-8.68e-004	0.13	-2.31	0.14
	538	-6.72e-003	-0.14	1.71e-003	0.13	-2.26	7.78e-002
468	536	-2.01e-003	-0.14	6.55e-004	-3.21e-002	-1.83	0.19
	549	-2.01e-003	-0.14	-4.67e-004	-6.61e-002	-1.83	0.23
	550	-5.17e-003	-0.14	-4.46e-004	1.79e-002	-2.01	0.21
	537	-5.17e-003	-0.14	6.77e-004	1.16e-003	-1.99	0.17
469	535	-4.49e-004	-0.14	3.02e-004	-7.08e-002	-1.66	0.17
	548	-4.49e-004	-0.15	1.89e-005	-8.19e-002	-1.64	0.18
	549	-2.01e-003	-0.15	-4.26e-005	-5.94e-002	-1.75	0.21
	536	-2.01e-003	-0.14	2.40e-004	-6.62e-002	-1.76	0.20
470	534	1.29e-004	-0.14	1.97e-004	-5.80e-002	-1.62	0.15
	547	1.29e-004	-0.15	2.56e-004	-5.00e-002	-1.61	0.14
	548	-4.49e-004	-0.15	2.27e-004	-8.26e-002	-1.64	0.16
	535	-4.49e-004	-0.14	1.68e-004	-6.52e-002	-1.65	0.17
471	533	2.05e-004	-0.14	1.29e-004	-2.92e-002	-1.63	0.14
	546	2.05e-004	-0.15	2.42e-004	-2.01e-002	-1.64	0.13
	547	1.29e-004	-0.15	2.81e-004	-5.00e-002	-1.63	0.13
	534	1.29e-004	-0.14	1.68e-004	-4.00e-002	-1.64	0.15
472	532	1.86e-004	-0.14	7.79e-005	-1.24e-002	-1.64	0.14
	545	1.86e-004	-0.15	1.55e-004	-1.51e-002	-1.64	0.14
	546	2.05e-004	-0.15	1.93e-004	-1.59e-002	-1.65	0.14
	533	2.05e-004	-0.14	1.16e-004	-2.21e-002	-1.64	0.14
473	531	1.34e-004	-0.14	8.87e-005	-1.18e-002	-1.63	0.13
	544	1.34e-004	-0.15	1.25e-004	-8.45e-003	-1.62	0.13
	545	1.86e-004	-0.15	1.19e-004	-5.43e-003	-1.63	0.14
	532	1.86e-004	-0.14	8.23e-005	-1.88e-002	-1.63	0.14
474	530	1.97e-005	-0.14	1.15e-004	-3.72e-003	-1.64	0.11
	543	1.97e-005	-0.15	1.36e-004	9.07e-003	-1.64	0.11
	544	1.34e-004	-0.15	1.22e-004	-6.83e-003	-1.62	0.12
	531	1.34e-004	-0.14	1.02e-004	-8.17e-003	-1.63	0.12
475	529	-1.05e-004	-0.14	9.83e-005	1.03e-002	-1.66	0.11
	542	-1.05e-004	-0.15	1.15e-004	2.45e-002	-1.66	0.10
	543	1.97e-005	-0.15	1.32e-004	7.70e-003	-1.65	0.10
	530	1.97e-005	-0.14	1.15e-004	6.35e-003	-1.65	0.11
476	335	-1.84e-004	-0.14	5.42e-005	1.87e-002	-1.66	0.12
	338	-1.84e-004	-0.15	7.78e-005	2.62e-002	-1.67	0.11
	542	-1.05e-004	-0.15	1.01e-004	2.52e-002	-1.67	0.11
	529	-1.05e-004	-0.14	7.71e-005	1.50e-002	-1.66	0.11
477	528	1.76e-002	-0.14	0.10	8.39e-002	-1.52	0.44
	540	1.76e-002	-3.21e-002	1.91e-002	-3.74e-002	-1.63	0.22

	541	4.65e-002	-3.21e-002	2.30e-002	-0.44	-0.51	0.61
	365	4.65e-002	-0.14	0.11	-0.12	-1.18	0.83
478	527	2.49e-004	-0.16	3.78e-002	0.14	-2.50	6.58e-002
	539	2.49e-004	-0.10	8.70e-003	0.27	-2.42	-6.91e-003
	540	1.76e-002	-0.10	3.04e-002	5.54e-002	-1.97	0.20
	528	1.76e-002	-0.16	5.95e-002	0.15	-2.19	0.28
479	526	-7.01e-003	-0.14	9.00e-003	8.33e-002	-2.28	-3.95e-002
	538	-7.01e-003	-0.13	7.32e-003	0.16	-2.36	2.00e-002
	539	2.49e-004	-0.13	9.31e-003	0.18	-2.37	1.07e-002
	527	2.49e-004	-0.14	1.10e-002	0.24	-2.44	-4.88e-002
480	525	-3.96e-003	-0.14	4.28e-003	2.49e-002	-2.01	7.41e-002
	537	-3.96e-003	-0.14	2.64e-003	2.77e-002	-2.07	0.12
	538	-7.01e-003	-0.14	4.14e-003	0.12	-2.24	5.04e-002
	526	-7.01e-003	-0.14	5.78e-003	6.93e-002	-2.20	2.68e-003
481	524	-1.79e-003	-0.14	1.35e-003	-1.68e-002	-1.80	0.16
	536	-1.79e-003	-0.14	9.01e-004	-4.86e-002	-1.82	0.18
	537	-3.96e-003	-0.14	1.82e-003	2.36e-002	-1.97	0.14
	525	-3.96e-003	-0.14	2.27e-003	-1.18e-002	-1.94	0.12
482	523	-3.67e-004	-0.14	4.26e-004	-4.00e-002	-1.68	0.17
	535	-3.67e-004	-0.14	2.70e-004	-6.64e-002	-1.67	0.18
	536	-1.79e-003	-0.14	4.85e-004	-3.99e-002	-1.76	0.18
	524	-1.79e-003	-0.14	6.41e-004	-4.39e-002	-1.75	0.17
483	522	1.55e-004	-0.14	2.91e-005	-4.02e-002	-1.64	0.16
	534	1.55e-004	-0.14	5.98e-005	-4.88e-002	-1.63	0.16
	535	-3.67e-004	-0.14	1.36e-004	-6.16e-002	-1.66	0.17
	523	-3.67e-004	-0.14	1.06e-004	-4.44e-002	-1.67	0.17
484	521	2.37e-004	-0.14	-3.25e-005	-2.75e-002	-1.64	0.15
	533	2.37e-004	-0.14	3.66e-005	-2.87e-002	-1.64	0.15
	534	1.55e-004	-0.14	3.07e-005	-4.70e-002	-1.64	0.15
	522	1.55e-004	-0.14	-3.84e-005	-3.26e-002	-1.64	0.16
485	520	1.91e-004	-0.14	-1.96e-005	-1.87e-002	-1.64	0.15
	532	1.91e-004	-0.14	3.42e-005	-2.04e-002	-1.64	0.14
	533	2.37e-004	-0.14	2.38e-005	-2.51e-002	-1.64	0.15
	521	2.37e-004	-0.14	-3.01e-005	-2.38e-002	-1.64	0.15
486	519	1.15e-004	-0.14	2.97e-005	-1.65e-002	-1.64	0.13
	531	1.15e-004	-0.14	6.41e-005	-1.35e-002	-1.63	0.13
	532	1.91e-004	-0.14	3.86e-005	-1.52e-002	-1.63	0.14
	520	1.91e-004	-0.14	4.22e-006	-2.05e-002	-1.64	0.14
487	518	1.88e-005	-0.14	6.64e-005	-1.18e-002	-1.65	0.12
	530	1.88e-005	-0.14	9.35e-005	-1.75e-003	-1.64	0.12
	531	1.15e-004	-0.14	7.70e-005	-1.19e-002	-1.64	0.12
	519	1.15e-004	-0.14	4.99e-005	-1.42e-002	-1.65	0.13
488	517	-7.74e-005	-0.14	5.82e-005	-4.14e-003	-1.66	0.12
	529	-7.74e-005	-0.14	8.10e-005	8.31e-003	-1.66	0.11
	530	1.88e-005	-0.14	9.32e-005	-2.34e-003	-1.65	0.11
	518	1.88e-005	-0.14	7.04e-005	-5.90e-003	-1.66	0.12
489	291	-1.55e-004	-0.14	1.31e-005	4.83e-004	-1.66	0.12
	335	-1.55e-004	-0.14	3.25e-005	1.12e-002	-1.66	0.12
	529	-7.74e-005	-0.14	5.98e-005	8.85e-003	-1.66	0.11
	517	-7.74e-005	-0.14	4.04e-005	-1.17e-003	-1.66	0.12
490	515	2.08e-002	-0.37	-5.11e-002	6.86e-003	-2.26	0.34
	528	2.08e-002	-0.14	6.19e-002	0.11	-1.70	0.46
	365	-2.75e-002	-0.14	0.21	4.59e-002	-1.14	0.56
	516	-2.75e-002	-0.37	0.10	0.43	-0.71	0.44
491	514	-1.98e-003	-0.16	5.64e-003	-0.26	-3.17	-2.48e-002
	527	-1.98e-003	-0.16	4.50e-002	0.32	-2.64	-1.43e-002
	528	2.08e-002	-0.16	1.90e-002	4.96e-002	-2.24	0.27
	515	2.08e-002	-0.16	-2.03e-002	4.91e-002	-2.07	0.26
492	513	-3.49e-003	-0.16	4.32e-003	-8.53e-002	-2.30	-7.72e-002
	526	-3.49e-003	-0.14	8.25e-003	9.39e-002	-2.24	-5.70e-002

	527	-1.98e-003	-0.14	1.82e-002	-2.49e-002	-2.45	-0.12
	514	-1.98e-003	-0.16	1.43e-002	0.10	-2.31	-0.14
493	512	-2.31e-003	-0.14	3.90e-003	1.14e-002	-1.93	7.73e-002
	525	-2.31e-003	-0.14	4.56e-003	5.42e-003	-1.96	6.77e-002
	526	-3.49e-003	-0.14	5.02e-003	3.06e-002	-2.19	-3.05e-002
	513	-3.49e-003	-0.14	4.35e-003	-4.37e-002	-2.09	-2.09e-002
494	511	-9.62e-004	-0.14	8.26e-004	2.06e-002	-1.76	0.15
	524	-9.62e-004	-0.14	1.25e-003	-2.51e-002	-1.78	0.15
	525	-2.31e-003	-0.14	2.55e-003	2.01e-002	-1.92	0.11
	512	-2.31e-003	-0.14	2.13e-003	-1.34e-002	-1.89	0.10
495	510	-1.61e-004	-0.14	-2.09e-004	2.39e-003	-1.68	0.17
	523	-1.61e-004	-0.14	2.79e-004	-3.52e-002	-1.68	0.17
	524	-9.62e-004	-0.14	5.40e-004	-1.37e-002	-1.75	0.17
	511	-9.62e-004	-0.14	5.22e-005	-5.69e-003	-1.73	0.16
496	509	1.40e-004	-0.14	-4.86e-004	-1.50e-002	-1.65	0.16
	522	1.40e-004	-0.14	-1.12e-004	-3.16e-002	-1.64	0.17
	523	-1.61e-004	-0.14	-4.06e-005	-3.11e-002	-1.67	0.17
	510	-1.61e-004	-0.14	-4.15e-004	-1.00e-002	-1.67	0.17
497	508	1.72e-004	-0.14	-3.67e-004	-1.93e-002	-1.65	0.16
	521	1.72e-004	-0.14	-1.17e-004	-2.51e-002	-1.64	0.16
	522	1.40e-004	-0.14	-1.79e-004	-3.30e-002	-1.64	0.16
	509	1.40e-004	-0.14	-4.29e-004	-1.49e-002	-1.64	0.16
498	507	1.30e-004	-0.14	-2.00e-004	-2.08e-002	-1.65	0.15
	520	1.30e-004	-0.14	-6.55e-005	-2.17e-002	-1.65	0.15
	521	1.72e-004	-0.14	-1.14e-004	-2.47e-002	-1.64	0.15
	508	1.72e-004	-0.14	-2.49e-004	-1.84e-002	-1.65	0.15
499	506	7.08e-005	-0.14	-5.79e-005	-2.15e-002	-1.65	0.14
	519	7.08e-005	-0.14	6.07e-006	-1.84e-002	-1.65	0.14
	520	1.30e-004	-0.14	-4.17e-005	-2.06e-002	-1.64	0.14
	507	1.30e-004	-0.14	-1.06e-004	-2.10e-002	-1.65	0.14
500	505	1.24e-005	-0.14	1.53e-005	-1.99e-002	-1.66	0.12
	518	1.24e-005	-0.14	4.44e-005	-1.20e-002	-1.65	0.12
	519	7.08e-005	-0.14	2.62e-005	-1.78e-002	-1.65	0.13
	506	7.08e-005	-0.14	-2.86e-006	-1.99e-002	-1.65	0.13
501	504	-4.38e-005	-0.14	1.75e-005	-1.64e-002	-1.66	0.12
	517	-4.38e-005	-0.14	4.04e-005	-6.61e-003	-1.66	0.12
	518	1.24e-005	-0.14	4.84e-005	-1.25e-002	-1.66	0.12
	505	1.24e-005	-0.14	2.55e-005	-1.62e-002	-1.66	0.12
502	330	-9.30e-005	-0.14	-4.55e-005	-1.51e-002	-1.66	0.12
	291	-9.30e-005	-0.14	-9.64e-006	-4.76e-003	-1.66	0.12
	517	-4.38e-005	-0.14	2.26e-005	-6.66e-003	-1.66	0.12
	504	-4.38e-005	-0.14	-1.32e-005	-1.44e-002	-1.66	0.12
503	503	3.49e-002	-0.11	-1.40e-003	1.73	3.89	0.95
	515	3.49e-002	-0.37	-2.21e-002	-1.57	-1.77	1.11
	516	-8.90e-003	-0.37	-0.18	1.34	-1.27	1.40
	361	-8.90e-003	-0.11	-0.16	-0.67	-7.30	1.24
504	502	6.01e-003	-0.19	-1.05e-002	-0.33	-0.63	-4.12e-002
	514	6.01e-003	-0.16	-8.99e-003	-0.53	-3.18	0.10
	515	3.49e-002	-0.16	8.66e-003	0.95	-2.60	1.13
	503	3.49e-002	-0.19	7.13e-003	-1.38	-6.48	0.99
505	501	-8.26e-004	-0.16	3.14e-003	-0.24	-2.15	9.19e-002
	513	-8.26e-004	-0.16	4.60e-003	-0.11	-2.23	-0.10
	514	6.01e-003	-0.16	-3.41e-004	-0.41	-2.41	4.27e-002
	502	6.01e-003	-0.16	-1.80e-003	-0.55	-2.69	0.24
506	500	-1.26e-003	-0.15	-8.52e-004	8.40e-003	-2.12	0.11
	512	-1.26e-003	-0.14	2.41e-003	5.44e-002	-1.92	4.26e-002
	513	-8.26e-004	-0.14	4.63e-003	-0.16	-2.06	-1.91e-003
	501	-8.26e-004	-0.15	1.37e-003	1.20e-002	-1.80	6.70e-002
507	499	-4.93e-004	-0.14	-7.30e-004	8.27e-002	-1.82	0.13
	511	-4.93e-004	-0.14	3.35e-004	4.43e-002	-1.75	0.13

	512	-1.26e-003	-0.14	6.40e-004	4.06e-003	-1.86	8.77e-002
	500	-1.26e-003	-0.14	-4.24e-004	0.12	-1.73	8.97e-002
508	498	-6.56e-005	-0.14	-8.11e-004	5.77e-002	-1.68	0.15
	510	-6.56e-005	-0.14	-5.87e-004	1.02e-002	-1.68	0.17
	511	-4.93e-004	-0.14	-4.40e-004	2.81e-002	-1.72	0.15
	499	-4.93e-004	-0.14	-6.63e-004	8.70e-002	-1.69	0.13
509	497	9.24e-005	-0.13	-5.16e-004	2.47e-002	-1.62	0.16
	509	9.24e-005	-0.14	-6.41e-004	-1.47e-002	-1.65	0.17
	510	-6.56e-005	-0.14	-7.94e-004	1.75e-002	-1.67	0.17
	498	-6.56e-005	-0.13	-6.68e-004	2.67e-002	-1.70	0.16
510	496	1.09e-004	-0.13	-2.98e-004	-2.82e-003	-1.63	0.15
	508	1.09e-004	-0.14	-4.65e-004	-2.28e-002	-1.65	0.16
	509	9.24e-005	-0.14	-5.84e-004	-5.04e-003	-1.65	0.17
	497	9.24e-005	-0.13	-4.18e-004	-1.50e-003	-1.68	0.16
511	495	7.80e-005	-0.13	-1.16e-004	-1.82e-002	-1.64	0.15
	507	7.80e-005	-0.14	-2.26e-004	-2.58e-002	-1.65	0.15
	508	1.09e-004	-0.14	-3.48e-004	-1.43e-002	-1.65	0.16
	496	1.09e-004	-0.13	-2.38e-004	-2.01e-002	-1.67	0.15
512	494	4.24e-005	-0.13	-3.27e-005	-2.69e-002	-1.65	0.14
	506	4.24e-005	-0.14	-8.12e-005	-2.50e-002	-1.66	0.14
	507	7.80e-005	-0.14	-1.31e-004	-2.18e-002	-1.65	0.14
	495	7.80e-005	-0.13	-8.27e-005	-2.63e-002	-1.66	0.14
513	493	7.86e-006	-0.13	1.05e-005	-2.93e-002	-1.66	0.13
	505	7.86e-006	-0.14	4.89e-006	-2.11e-002	-1.66	0.13
	506	4.24e-005	-0.14	-2.62e-005	-2.38e-002	-1.66	0.13
	494	4.24e-005	-0.13	-2.06e-005	-2.86e-002	-1.66	0.13
514	492	-2.35e-005	-0.13	-5.87e-006	-2.72e-002	-1.66	0.12
	504	-2.35e-005	-0.14	-2.03e-006	-1.89e-002	-1.66	0.12
	505	7.86e-006	-0.14	1.51e-005	-2.23e-002	-1.66	0.12
	493	7.86e-006	-0.13	1.13e-005	-2.67e-002	-1.66	0.12
515	287	-4.90e-005	-0.13	-4.87e-005	-2.76e-002	-1.66	0.12
	330	-4.90e-005	-0.14	-6.79e-005	-1.95e-002	-1.66	0.12
	504	-2.35e-005	-0.14	-3.27e-005	-1.88e-002	-1.66	0.12
	492	-2.35e-005	-0.13	-1.36e-005	-2.69e-002	-1.67	0.12
516	489	-2.27e-003	-4.44e-002	-9.61e-003	0.60	1.41	7.53e-002
	503	-2.27e-003	-0.11	-3.10e-002	-0.11	-2.53	-0.17
	361	-8.08e-004	-0.11	-3.11e-002	1.26	7.40	0.62
	491	-8.08e-004	-4.44e-002	-9.74e-003	-1.25	1.88	0.86
517	487	-2.58e-003	-5.84e-002	-5.73e-003	0.73	-0.56	1.85e-002
	502	-2.58e-003	-0.19	-1.29e-002	-0.72	-2.51	-7.93e-002
	503	-2.27e-003	-0.19	-2.22e-002	-0.27	2.27	-5.33e-002
	489	-2.27e-003	-5.84e-002	-1.51e-002	8.21e-002	0.27	4.45e-002
518	485	-1.15e-003	-7.04e-002	-9.51e-003	-5.58e-002	-0.44	0.25
	501	-1.15e-003	-0.16	-3.45e-003	-0.17	-0.30	0.27
	502	-2.58e-003	-0.16	-3.72e-003	-0.66	-0.98	0.20
	487	-2.58e-003	-7.04e-002	-9.78e-003	0.47	-0.69	0.18
519	483	-1.45e-003	-7.14e-002	-7.12e-003	-3.32e-002	9.39e-002	0.23
	500	-1.45e-003	-0.15	-8.38e-004	3.23e-002	-0.17	0.15
	501	-1.15e-003	-0.15	-2.17e-003	1.52e-002	0.25	0.24
	485	-1.15e-003	-7.14e-002	-8.45e-003	-0.17	-0.20	0.32
520	481	-5.83e-004	-7.22e-002	-4.56e-003	4.57e-003	0.15	0.16
	499	-5.83e-004	-0.14	-1.22e-003	7.54e-002	2.40e-002	0.14
	500	-1.45e-003	-0.14	-1.27e-003	6.43e-002	0.24	0.16
	483	-1.45e-003	-7.22e-002	-4.61e-003	-3.47e-002	6.94e-002	0.18
521	479	-8.22e-004	-7.26e-002	-2.73e-003	3.05e-002	0.16	0.14
	498	-8.22e-004	-0.14	-5.54e-004	4.18e-002	4.33e-002	0.15
	499	-5.83e-004	-0.14	-1.41e-003	8.69e-002	0.26	0.15
	481	-5.83e-004	-7.26e-002	-3.58e-003	-1.40e-002	0.15	0.15
522	477	-2.16e-004	-7.33e-002	-1.44e-003	2.13e-002	0.13	0.14
	497	-2.16e-004	-0.13	-6.64e-004	1.35e-002	7.22e-002	0.15

	498	-8.22e-004	-0.13	-6.71e-004	4.41e-002	0.21	0.15
	479	-8.22e-004	-7.33e-002	-1.44e-003	6.69e-003	0.15	0.14
523	475	-2.90e-004	-7.36e-002	-6.66e-004	8.31e-003	0.12	0.14
	496	-2.90e-004	-0.13	-1.62e-004	-8.85e-003	8.69e-002	0.15
	497	-2.16e-004	-0.13	-6.11e-004	1.20e-002	0.16	0.15
	477	-2.16e-004	-7.36e-002	-1.12e-003	4.16e-003	0.13	0.14
524	473	-2.77e-005	-7.39e-002	-3.01e-004	-4.41e-003	0.11	0.14
	495	-2.77e-005	-0.13	-1.86e-004	-1.99e-002	0.10	0.14
	496	-2.90e-004	-0.13	-1.31e-004	-9.49e-003	0.14	0.15
	475	-2.90e-004	-7.39e-002	-2.46e-004	-3.34e-003	0.12	0.14
525	471	-3.18e-005	-7.40e-002	-6.57e-005	-1.15e-002	0.11	0.13
	494	-3.18e-005	-0.13	1.37e-005	-2.61e-002	0.11	0.13
	495	-2.77e-005	-0.13	-1.46e-004	-2.14e-002	0.12	0.14
	473	-2.77e-005	-7.40e-002	-2.25e-004	-9.49e-003	0.11	0.14
526	469	3.10e-005	-7.40e-002	-5.20e-005	-1.60e-002	0.11	0.13
	493	3.10e-005	-0.13	-2.55e-005	-2.68e-002	0.12	0.13
	494	-3.18e-005	-0.13	3.01e-005	-2.64e-002	0.12	0.13
	471	-3.18e-005	-7.40e-002	3.58e-006	-1.39e-002	0.11	0.13
527	467	6.19e-005	-7.40e-002	-1.65e-005	-1.83e-002	0.11	0.12
	492	6.19e-005	-0.13	5.49e-006	-2.65e-002	0.12	0.12
	493	3.10e-005	-0.13	-2.57e-005	-2.71e-002	0.12	0.12
	469	3.10e-005	-7.40e-002	-4.77e-005	-1.64e-002	0.11	0.12
528	325	5.59e-005	-7.40e-002	-1.43e-004	-2.09e-002	0.12	0.11
	287	5.59e-005	-0.13	-7.73e-005	-2.91e-002	0.12	0.11
	492	6.19e-005	-0.13	-5.02e-006	-2.65e-002	0.12	0.12
	467	6.19e-005	-7.40e-002	-7.05e-005	-1.96e-002	0.11	0.12
529	490	-7.53e-003	1.25e-002	-3.76e-004	-0.17	0.82	-0.18
	489	-7.53e-003	-4.44e-002	3.57e-003	2.07e-002	1.44	-0.27
	491	8.62e-004	-4.44e-002	3.82e-003	-0.32	1.32	-4.12e-003
	360	8.62e-004	1.25e-002	-1.19e-004	-5.88e-003	1.41	8.44e-002
530	488	-2.81e-003	2.34e-002	1.01e-003	1.74e-002	-0.20	5.11e-004
	487	-2.81e-003	-5.84e-002	-5.28e-003	0.17	-0.26	-0.16
	489	-7.53e-003	-5.84e-002	-1.89e-003	-0.19	0.13	-0.34
	490	-7.53e-003	2.34e-002	4.40e-003	6.95e-002	0.44	-0.18
531	486	-6.21e-003	1.67e-002	-3.01e-003	5.60e-002	-0.34	0.19
	485	-6.21e-003	-7.04e-002	-9.34e-003	7.52e-004	-0.38	0.25
	487	-2.81e-003	-7.04e-002	-9.33e-003	0.15	-0.60	6.95e-002
	488	-2.81e-003	1.67e-002	-2.99e-003	3.20e-002	-0.27	5.31e-003
532	484	8.07e-004	3.18e-003	3.51e-003	-8.46e-003	-2.70e-002	0.18
	483	8.07e-004	-7.14e-002	-6.90e-003	-4.01e-002	2.53e-002	0.23
	485	-6.21e-003	-7.14e-002	-8.29e-003	5.60e-002	-0.20	0.25
	486	-6.21e-003	3.18e-003	2.12e-003	-1.66e-002	-0.19	0.21
533	482	-3.75e-003	-4.84e-003	-2.08e-003	-1.86e-002	0.11	0.15
	481	-3.75e-003	-7.22e-002	-4.33e-003	-1.23e-002	0.15	0.15
	483	8.07e-004	-7.22e-002	-4.39e-003	-3.77e-002	4.69e-002	0.18
	484	8.07e-004	-4.84e-003	-2.14e-003	1.29e-003	2.07e-002	0.18
534	480	3.80e-004	-1.03e-002	2.32e-003	-8.32e-003	0.14	0.13
	479	3.80e-004	-7.26e-002	-2.41e-003	3.20e-003	0.16	0.13
	481	-3.75e-003	-7.26e-002	-3.36e-003	-1.31e-002	0.13	0.14
	482	-3.75e-003	-1.03e-002	1.36e-003	-2.45e-003	0.13	0.15
535	478	-1.58e-003	-1.21e-002	-9.58e-004	-1.96e-003	0.13	0.13
	477	-1.58e-003	-7.33e-002	-1.34e-003	4.94e-003	0.14	0.13
	479	3.80e-004	-7.33e-002	-1.12e-003	4.90e-005	0.14	0.13
	480	3.80e-004	-1.21e-002	-7.40e-004	1.01e-004	0.14	0.13
536	476	1.21e-004	-1.36e-002	9.91e-004	2.86e-005	0.12	0.13
	475	1.21e-004	-7.36e-002	-5.35e-004	2.05e-004	0.12	0.13
	477	-1.58e-003	-7.36e-002	-1.02e-003	2.36e-003	0.12	0.13
	478	-1.58e-003	-1.36e-002	5.10e-004	5.90e-005	0.13	0.13
537	474	-3.79e-004	-1.37e-002	-2.97e-004	-3.62e-004	0.11	0.13
	473	-3.79e-004	-7.39e-002	-3.01e-004	-5.13e-003	0.11	0.13

	475	1.21e-004	-7.39e-002	-1.15e-004	-1.36e-003	0.11	0.13
	476	1.21e-004	-1.37e-002	-1.11e-004	-6.21e-004	0.12	0.13
538	472	2.32e-005	-1.40e-002	2.62e-004	-1.17e-003	0.10	0.13
	471	2.32e-005	-7.40e-002	-3.83e-005	-8.93e-003	0.11	0.13
	473	-3.79e-004	-7.40e-002	-2.25e-004	-6.03e-003	0.11	0.13
	474	-3.79e-004	-1.40e-002	7.53e-005	-1.34e-003	0.11	0.13
539	470	6.70e-005	-1.39e-002	-2.42e-005	-1.94e-003	0.10	0.12
	469	6.70e-005	-7.40e-002	-7.02e-005	-1.13e-002	0.11	0.12
	471	2.32e-005	-7.40e-002	3.09e-005	-9.20e-003	0.11	0.13
	472	2.32e-005	-1.39e-002	7.69e-005	-1.99e-003	0.10	0.13
540	468	-1.18e-005	-1.40e-002	-8.14e-006	-2.53e-003	0.11	0.12
	467	-1.18e-005	-7.40e-002	-2.56e-006	-1.30e-002	0.11	0.12
	469	6.70e-005	-7.40e-002	-6.58e-005	-1.13e-002	0.11	0.12
	470	6.70e-005	-1.40e-002	-7.14e-005	-2.49e-003	0.10	0.12
541	286	2.77e-004	-1.40e-002	8.56e-005	-3.57e-003	0.11	0.11
	325	2.77e-004	-7.40e-002	-1.32e-004	-1.49e-002	0.11	0.11
	467	-1.18e-005	-7.40e-002	-5.66e-005	-1.32e-002	0.11	0.12
	468	-1.18e-005	-1.40e-002	1.61e-004	-2.99e-003	0.11	0.12
542	453	-4.00e-003	-9.95e-003	1.11e-002	-6.81e-003	0.13	5.39e-002
	466	-4.00e-003	-4.04e-002	1.23e-003	-1.28e-002	7.58e-002	5.53e-002
	359	9.98e-005	-4.04e-002	2.75e-003	7.87e-003	1.64e-002	4.89e-002
	454	9.98e-005	-9.95e-003	1.27e-002	-2.47e-002	-2.21e-002	4.75e-002
543	452	6.18e-004	-1.39e-002	1.08e-002	-7.32e-003	0.23	5.36e-002
	465	6.18e-004	-5.54e-002	-1.88e-003	-1.08e-002	0.17	6.16e-002
	466	-4.00e-003	-5.54e-002	-2.13e-003	5.18e-003	0.12	5.80e-002
	453	-4.00e-003	-1.39e-002	1.05e-002	-7.43e-003	7.31e-002	4.99e-002
544	451	-6.27e-003	-1.69e-002	7.42e-003	-7.72e-003	0.30	7.08e-002
	464	-6.27e-003	-6.92e-002	2.76e-003	-1.17e-002	0.24	7.74e-002
	465	6.18e-004	-6.92e-002	3.78e-003	-3.33e-004	0.21	6.45e-002
	452	6.18e-004	-1.69e-002	8.44e-003	-6.02e-003	0.19	5.79e-002
545	450	6.13e-004	-1.94e-002	5.35e-003	4.57e-003	0.28	9.46e-002
	463	6.13e-004	-7.85e-002	-3.58e-003	-9.26e-003	0.25	9.08e-002
	464	-6.27e-003	-7.85e-002	-2.69e-003	-1.21e-003	0.26	8.00e-002
	451	-6.27e-003	-1.94e-002	6.23e-003	-1.09e-002	0.24	8.37e-002
546	449	-3.95e-003	-2.14e-002	3.04e-003	1.39e-002	0.21	9.25e-002
	462	-3.95e-003	-8.32e-002	2.02e-003	-1.44e-003	0.21	8.58e-002
	463	6.13e-004	-8.32e-002	2.06e-003	2.89e-003	0.24	9.20e-002
	450	6.13e-004	-2.14e-002	3.09e-003	-3.69e-003	0.22	0.10
547	448	3.00e-004	-2.25e-002	1.67e-003	5.27e-003	0.19	7.18e-002
	461	3.00e-004	-8.67e-002	-2.29e-003	2.86e-003	0.19	7.40e-002
	462	-3.95e-003	-8.67e-002	-1.50e-003	3.02e-003	0.20	8.57e-002
	449	-3.95e-003	-2.25e-002	2.47e-003	9.50e-003	0.18	8.34e-002
548	447	-1.57e-003	-2.33e-002	7.50e-004	-4.30e-003	0.20	6.92e-002
	460	-1.57e-003	-8.75e-002	9.41e-004	-4.19e-004	0.19	7.43e-002
	461	3.00e-004	-8.75e-002	7.31e-004	-1.48e-003	0.19	7.36e-002
	448	3.00e-004	-2.33e-002	5.40e-004	6.96e-003	0.19	6.84e-002
549	446	1.44e-004	-2.35e-002	-6.07e-005	-6.82e-003	0.19	8.10e-002
	459	1.44e-004	-8.81e-002	-1.01e-003	-2.12e-003	0.18	8.16e-002
	460	-1.57e-003	-8.81e-002	-5.17e-004	-3.18e-003	0.19	7.48e-002
	447	-1.57e-003	-2.35e-002	4.29e-004	-4.65e-003	0.20	7.43e-002
550	445	-3.67e-004	-2.37e-002	-3.54e-004	-8.68e-003	0.15	9.19e-002
	458	-3.67e-004	-8.73e-002	2.73e-004	-1.77e-003	0.14	9.07e-002
	459	1.44e-004	-8.73e-002	1.04e-004	-4.09e-003	0.17	8.33e-002
	446	1.44e-004	-2.37e-002	-5.23e-004	-8.80e-003	0.18	8.46e-002
551	444	3.08e-005	-2.37e-002	-6.43e-004	-1.01e-002	9.46e-002	0.10
	457	3.08e-005	-8.66e-002	-2.84e-004	-2.83e-004	8.88e-002	0.10
	458	-3.67e-004	-8.66e-002	-9.45e-005	-4.31e-003	0.13	9.22e-002
	445	-3.67e-004	-2.37e-002	-4.53e-004	-1.16e-002	0.14	9.49e-002
552	443	4.85e-005	-2.38e-002	-6.28e-004	1.79e-003	3.32e-002	0.11
	456	4.85e-005	-8.54e-002	4.19e-006	7.73e-004	3.50e-002	0.10

	457	3.08e-005	-8.54e-002	-9.41e-005	-8.13e-004	7.13e-002	0.10
	444	3.08e-005	-2.38e-002	-7.26e-004	-1.32e-002	7.69e-002	0.11
553	442	-5.02e-005	-2.38e-002	-6.37e-004	2.72e-002	-6.85e-003	8.58e-002
	455	-5.02e-005	-8.45e-002	1.89e-005	6.68e-003	2.83e-002	7.24e-002
	456	4.85e-005	-8.45e-002	5.34e-005	1.10e-002	1.76e-002	0.10
	443	4.85e-005	-2.38e-002	-6.03e-004	-3.60e-003	4.97e-003	0.11
554	318	2.12e-004	-2.35e-002	-4.19e-004	2.31e-002	0.11	2.18e-002
	285	2.12e-004	-8.37e-002	-8.85e-005	1.01e-002	0.14	2.86e-002
	455	-5.02e-005	-8.37e-002	-1.70e-004	1.69e-002	4.44e-002	6.70e-002
	442	-5.02e-005	-2.35e-002	-5.00e-004	2.98e-002	5.15e-003	6.02e-002
555	441	-7.58e-004	1.80e-002	6.30e-003	-5.02e-002	-0.39	4.34e-002
	453	-7.58e-004	-9.95e-003	1.32e-002	6.25e-002	0.11	-7.60e-003
	454	2.41e-005	-9.95e-003	1.45e-002	-0.10	-5.51e-003	1.15e-003
	358	2.41e-005	1.80e-002	7.60e-003	1.22e-002	0.48	5.21e-002
556	440	-1.55e-003	2.66e-002	5.56e-003	-7.09e-003	-0.20	4.11e-002
	452	-1.55e-003	-1.39e-002	1.22e-002	5.95e-002	0.21	4.16e-003
	453	-7.58e-004	-1.39e-002	1.26e-002	-5.15e-002	9.14e-002	-4.33e-003
	441	-7.58e-004	2.66e-002	5.95e-003	3.07e-002	0.52	3.26e-002
557	439	-1.08e-003	3.36e-002	4.21e-003	3.81e-002	-1.68e-002	5.81e-002
	451	-1.08e-003	-1.69e-002	8.65e-003	3.81e-002	0.29	3.12e-002
	452	-1.55e-003	-1.69e-002	9.88e-003	-3.82e-002	0.21	9.94e-003
	440	-1.55e-003	3.36e-002	5.44e-003	6.12e-002	0.56	3.68e-002
558	438	-1.53e-003	3.78e-002	2.76e-003	2.32e-002	3.54e-002	8.08e-002
	450	-1.53e-003	-1.94e-002	6.32e-003	4.45e-002	0.27	6.73e-002
	451	-1.08e-003	-1.94e-002	7.47e-003	-3.94e-002	0.27	4.17e-002
	439	-1.08e-003	3.78e-002	3.91e-003	8.05e-002	0.56	5.52e-002
559	437	-6.08e-004	3.93e-002	2.07e-003	-2.73e-003	4.64e-002	8.43e-002
	449	-6.08e-004	-2.14e-002	3.52e-003	4.79e-002	0.20	7.67e-002
	450	-1.53e-003	-2.14e-002	4.06e-003	-2.96e-003	0.23	6.97e-002
	438	-1.53e-003	3.93e-002	2.61e-003	3.31e-002	0.40	7.73e-002
560	436	-8.29e-004	3.99e-002	6.57e-004	-8.16e-003	0.12	6.03e-002
	448	-8.29e-004	-2.25e-002	1.95e-003	2.47e-002	0.18	6.34e-002
	449	-6.08e-004	-2.25e-002	2.95e-003	2.44e-002	0.18	7.10e-002
	437	-6.08e-004	3.99e-002	1.66e-003	-1.57e-003	0.22	6.79e-002
561	435	-2.13e-004	4.08e-002	4.41e-004	1.26e-002	0.20	6.78e-002
	447	-2.13e-004	-2.33e-002	7.70e-004	-4.52e-003	0.20	6.90e-002
	448	-8.29e-004	-2.33e-002	8.15e-004	5.33e-003	0.19	5.90e-002
	436	-8.29e-004	4.08e-002	4.85e-004	5.13e-003	0.21	5.78e-002
562	434	-2.83e-004	4.08e-002	-3.84e-005	6.64e-003	0.19	7.74e-002
	446	-2.83e-004	-2.35e-002	3.78e-005	-4.03e-003	0.19	7.89e-002
	447	-2.13e-004	-2.35e-002	4.50e-004	-6.96e-003	0.20	7.16e-002
	435	-2.13e-004	4.08e-002	3.73e-004	1.25e-002	0.22	7.02e-002
563	433	-3.27e-005	4.01e-002	7.14e-005	-4.63e-004	0.18	8.60e-002
	445	-3.27e-005	-2.37e-002	-3.46e-004	-1.33e-002	0.15	9.13e-002
	446	-2.83e-004	-2.37e-002	-4.25e-004	-5.70e-003	0.18	8.30e-002
	434	-2.83e-004	4.01e-002	-7.19e-006	2.30e-003	0.17	7.78e-002
564	432	-4.00e-005	3.90e-002	-5.69e-005	-2.15e-002	0.13	9.16e-002
	444	-4.00e-005	-2.37e-002	-5.85e-004	-1.93e-002	9.44e-002	0.10
	445	-3.27e-005	-2.37e-002	-4.45e-004	-1.11e-002	0.14	9.49e-002
	433	-3.27e-005	3.90e-002	8.28e-005	-1.18e-002	0.12	8.59e-002
565	431	3.43e-005	3.79e-002	2.26e-005	-5.42e-002	7.62e-002	0.10
	443	3.43e-005	-2.38e-002	-6.02e-004	-2.75e-002	2.78e-002	0.12
	444	-4.00e-005	-2.38e-002	-6.68e-004	-2.09e-002	8.59e-002	0.10
	432	-4.00e-005	3.79e-002	-4.27e-005	-3.34e-002	6.35e-002	9.02e-002
566	430	2.16e-004	3.64e-002	-1.41e-004	-0.12	-4.51e-002	0.10
	442	2.16e-004	-2.38e-002	-6.36e-004	2.54e-002	-2.50e-002	0.10
	443	3.43e-005	-2.38e-002	-5.78e-004	-1.63e-002	1.19e-003	0.11
	431	3.43e-005	3.64e-002	-8.26e-005	-7.77e-002	1.16e-002	0.11
567	284	3.64e-005	3.60e-002	-8.11e-004	-2.63e-002	1.22e-002	8.42e-002
	318	3.64e-005	-2.35e-002	-8.78e-004	6.60e-002	0.10	2.98e-002

	442	2.16e-004	-2.35e-002	-4.99e-004	4.84e-002	-3.66e-002	6.91e-002
	430	2.16e-004	3.60e-002	-4.32e-004	-0.12	-2.44e-002	0.12
568	427	3.93e-004	1.64e-002	6.01e-003	-0.12	0.98	6.24e-002
	441	3.93e-004	1.80e-002	4.38e-003	7.99e-002	1.34	3.01e-002
	358	2.06e-004	1.80e-002	4.76e-003	-0.14	0.28	1.99e-002
	429	2.06e-004	1.64e-002	6.39e-003	-3.59e-003	0.66	5.22e-002
569	425	3.60e-004	2.19e-002	4.83e-003	-6.72e-002	1.32	5.61e-002
	440	3.60e-004	2.66e-002	3.33e-003	0.10	1.61	2.95e-002
	441	3.93e-004	2.66e-002	4.13e-003	-8.50e-002	0.78	2.13e-002
	427	3.93e-004	2.19e-002	5.63e-003	3.67e-002	1.07	4.79e-002
570	423	-8.88e-005	2.68e-002	4.27e-003	-5.47e-002	1.60	5.17e-002
	439	-8.88e-005	3.36e-002	2.98e-003	0.14	1.88	3.19e-002
	440	3.60e-004	3.36e-002	3.07e-003	-3.56e-002	1.12	2.91e-002
	425	3.60e-004	2.68e-002	4.36e-003	5.96e-002	1.41	4.89e-002
571	421	2.52e-004	3.05e-002	4.09e-003	-5.06e-002	1.72	3.69e-002
	438	2.52e-004	3.78e-002	2.78e-003	0.10	1.96	4.07e-002
	439	-8.88e-005	3.78e-002	2.85e-003	2.61e-003	1.42	3.56e-002
	423	-8.88e-005	3.05e-002	4.16e-003	5.97e-002	1.66	3.19e-002
572	419	7.33e-004	3.31e-002	2.94e-003	-5.69e-002	1.78	4.91e-002
	437	7.33e-004	3.93e-002	1.62e-003	4.83e-002	1.98	5.73e-002
	438	2.52e-004	3.93e-002	2.49e-003	-3.35e-002	1.53	4.05e-002
	421	2.52e-004	3.31e-002	3.81e-003	5.02e-002	1.75	3.23e-002
573	417	5.06e-004	3.47e-002	1.28e-003	-2.56e-002	1.80	6.41e-002
	436	5.06e-004	3.99e-002	2.08e-004	1.24e-002	1.89	5.97e-002
	437	7.33e-004	3.99e-002	1.19e-003	-3.53e-002	1.69	4.21e-002
	419	7.33e-004	3.47e-002	2.26e-003	8.40e-003	1.79	4.66e-002
574	415	-4.14e-005	3.57e-002	7.71e-004	-9.56e-003	1.81	7.00e-002
	435	-4.14e-005	4.08e-002	3.16e-004	2.22e-002	1.86	6.25e-002
	436	5.06e-004	4.08e-002	7.50e-005	-1.21e-002	1.76	5.60e-002
	417	5.06e-004	3.57e-002	5.30e-004	1.35e-003	1.81	6.35e-002
575	413	-8.59e-005	3.60e-002	4.87e-004	-6.97e-003	1.80	6.58e-002
	434	-8.59e-005	4.08e-002	1.67e-004	1.79e-002	1.83	6.70e-002
	435	-4.14e-005	4.08e-002	3.35e-004	8.12e-003	1.78	6.62e-002
	415	-4.14e-005	3.60e-002	6.55e-004	6.64e-003	1.82	6.50e-002
576	411	-3.24e-005	3.61e-002	6.92e-004	-1.54e-002	1.77	6.64e-002
	433	-3.24e-005	4.01e-002	1.57e-004	8.91e-003	1.81	7.03e-002
	434	-8.59e-005	4.01e-002	1.10e-004	-4.56e-003	1.75	6.93e-002
	413	-8.59e-005	3.61e-002	6.45e-004	1.01e-002	1.79	6.54e-002
577	409	2.19e-005	3.62e-002	7.29e-004	-2.77e-002	1.73	6.46e-002
	432	2.19e-005	3.90e-002	1.58e-004	-1.13e-002	1.78	7.17e-002
	433	-3.24e-005	3.90e-002	1.40e-004	-1.82e-002	1.71	7.27e-002
	411	-3.24e-005	3.62e-002	7.10e-004	1.45e-003	1.76	6.56e-002
578	407	-1.14e-004	3.62e-002	5.85e-004	-5.90e-002	1.69	5.69e-002
	431	-1.14e-004	3.79e-002	1.37e-007	-4.88e-002	1.75	7.27e-002
	432	2.19e-005	3.79e-002	1.42e-004	-4.51e-002	1.67	7.62e-002
	409	2.19e-005	3.62e-002	7.27e-004	-1.33e-002	1.73	6.03e-002
579	405	1.53e-003	3.64e-002	9.62e-004	-0.10	1.66	7.87e-002
	430	1.53e-003	3.64e-002	5.91e-004	-0.11	1.66	0.10
	431	-1.14e-004	3.64e-002	1.29e-004	-0.10	1.66	7.88e-002
	407	-1.14e-004	3.64e-002	5.00e-004	-3.64e-002	1.70	5.40e-002
580	305	5.00e-004	3.40e-002	-2.66e-003	3.41e-002	1.74	0.25
	284	5.00e-004	3.60e-002	-1.04e-003	-8.70e-002	1.63	0.21
	430	1.53e-003	3.60e-002	5.78e-004	-0.16	1.76	0.10
	405	1.53e-003	3.40e-002	-1.04e-003	-3.90e-002	1.78	0.15
581	428	1.55e-003	1.44e-002	-4.58e-004	-3.29e-002	0.98	0.10
	427	1.55e-003	1.64e-002	4.08e-003	-4.99e-002	0.93	0.12
	429	-8.11e-005	1.64e-002	3.90e-003	-2.48e-002	0.71	0.13
	367	-8.11e-005	1.44e-002	-6.32e-004	-1.62e-002	0.64	0.11
582	426	-2.78e-004	1.84e-002	-2.28e-003	-2.93e-003	1.31	0.12
	425	-2.78e-004	2.19e-002	3.14e-003	-2.41e-002	1.29	0.10

	427	1.55e-003	2.19e-002	3.70e-003	-2.74e-002	1.11	0.11
	428	1.55e-003	1.84e-002	-1.73e-003	-3.70e-002	1.07	0.12
583	424	4.78e-005	1.96e-002	-5.01e-004	2.88e-004	1.58	8.66e-002
	423	4.78e-005	2.68e-002	2.96e-003	-1.12e-002	1.57	8.85e-002
	425	-2.78e-004	2.68e-002	2.67e-003	1.26e-003	1.43	0.10
	426	-2.78e-004	1.96e-002	-7.93e-004	-6.98e-003	1.39	0.10
584	422	-3.07e-004	2.26e-002	-3.55e-004	2.82e-004	1.73	6.55e-002
	421	-3.07e-004	3.05e-002	2.92e-003	-6.12e-003	1.70	6.64e-002
	423	4.78e-005	3.05e-002	2.85e-003	2.79e-003	1.67	7.92e-002
	424	4.78e-005	2.26e-002	-4.21e-004	-6.36e-003	1.62	7.84e-002
585	420	2.73e-003	2.68e-002	6.67e-004	-2.79e-002	1.81	5.85e-002
	419	2.73e-003	3.31e-002	2.49e-003	-2.24e-002	1.77	7.34e-002
	421	-3.07e-004	3.31e-002	2.64e-003	-3.62e-003	1.77	6.98e-002
	422	-3.07e-004	2.68e-002	8.09e-004	-7.03e-003	1.74	5.49e-002
586	418	-5.01e-004	3.03e-002	-2.24e-003	-2.33e-003	1.80	8.74e-002
	417	-5.01e-004	3.47e-002	1.10e-003	-1.31e-002	1.80	7.43e-002
	419	2.73e-003	3.47e-002	1.81e-003	-1.65e-002	1.81	6.88e-002
	420	2.73e-003	3.03e-002	-1.53e-003	-3.37e-002	1.81	8.19e-002
587	416	2.53e-006	2.98e-002	4.97e-005	2.71e-004	1.81	7.61e-002
	415	2.53e-006	3.57e-002	6.91e-004	-3.39e-003	1.81	7.44e-002
	417	-5.01e-004	3.57e-002	3.56e-004	-3.22e-003	1.82	7.82e-002
	418	-5.01e-004	2.98e-002	-2.84e-004	-4.28e-003	1.81	7.98e-002
588	414	7.07e-005	3.05e-002	-7.11e-005	4.57e-004	1.80	7.09e-002
	413	7.07e-005	3.60e-002	4.20e-004	-9.15e-004	1.79	7.02e-002
	415	2.53e-006	3.60e-002	5.75e-004	-6.73e-004	1.82	7.31e-002
	416	2.53e-006	3.05e-002	8.31e-005	-1.80e-003	1.81	7.38e-002
589	412	-9.95e-005	3.13e-002	-1.49e-004	-4.05e-003	1.77	6.85e-002
	411	-9.95e-005	3.61e-002	7.38e-004	-8.07e-003	1.76	7.17e-002
	413	7.07e-005	3.61e-002	5.79e-004	-1.31e-003	1.80	7.18e-002
	414	7.07e-005	3.13e-002	-3.08e-004	-2.20e-003	1.79	6.85e-002
590	410	-2.08e-006	3.30e-002	-1.17e-004	-7.63e-004	1.72	6.80e-002
	409	-2.08e-006	3.62e-002	7.14e-004	-1.62e-002	1.72	6.82e-002
	411	-9.95e-005	3.62e-002	7.56e-004	-7.48e-003	1.76	7.16e-002
	412	-9.95e-005	3.30e-002	-7.46e-005	-8.96e-003	1.76	7.14e-002
591	408	3.17e-005	3.42e-002	-1.46e-004	-1.24e-002	1.69	5.81e-002
	407	3.17e-005	3.62e-002	5.80e-004	-1.74e-002	1.69	6.13e-002
	409	-2.08e-006	3.62e-002	7.11e-004	-1.59e-002	1.73	6.61e-002
	410	-2.08e-006	3.42e-002	-1.45e-005	-5.45e-003	1.71	6.30e-002
592	406	-6.23e-004	3.54e-002	1.35e-004	-6.04e-002	1.79	0.10
	405	-6.23e-004	3.64e-002	8.61e-004	2.27e-002	1.69	0.10
	407	3.17e-005	3.64e-002	4.95e-004	-2.89e-002	1.69	5.55e-002
	408	3.17e-005	3.54e-002	-2.31e-004	-2.50e-003	1.66	5.31e-002
593	293	6.53e-004	4.19e-002	4.55e-003	0.20	2.43	0.37
	305	6.53e-004	3.40e-002	-1.15e-003	-0.23	1.84	0.37
	405	-6.23e-004	3.40e-002	-1.14e-003	1.65e-003	1.82	0.15
	406	-6.23e-004	4.19e-002	4.56e-003	-2.17e-002	1.57	0.14
594	390	1.70e-003	1.26e-002	-2.93e-003	6.45e-003	1.30	-3.03e-002
	404	1.70e-003	1.24e-002	-4.99e-004	1.50e-002	1.24	-3.32e-002
	366	-1.08e-004	1.24e-002	-8.85e-004	-1.56e-002	0.96	-0.12
	392	-1.08e-004	1.26e-002	-3.31e-003	2.93e-002	1.02	-0.11
595	388	-1.62e-004	1.66e-002	-2.95e-003	2.86e-002	1.29	2.13e-002
	403	-1.62e-004	1.50e-002	6.27e-004	1.34e-002	1.38	1.97e-002
	404	1.70e-003	1.50e-002	7.67e-004	4.87e-002	1.20	1.14e-002
	390	1.70e-003	1.66e-002	-2.81e-003	-1.09e-002	1.30	1.30e-002
596	386	-4.53e-005	1.95e-002	-2.69e-003	1.26e-002	1.53	-3.21e-002
	402	-4.53e-005	1.87e-002	5.28e-004	1.74e-002	1.59	-2.53e-002
	403	-1.62e-004	1.87e-002	3.11e-004	8.88e-003	1.40	2.49e-003
	388	-1.62e-004	1.95e-002	-2.90e-003	3.93e-002	1.41	-4.36e-003
597	384	-4.20e-004	2.25e-002	-2.79e-003	-2.28e-002	1.88	-3.97e-002
	401	-4.20e-004	2.21e-002	1.50e-004	1.34e-002	1.88	-2.46e-002

	402	-4.53e-005	2.21e-002	4.70e-004	-6.40e-003	1.69	-3.22e-002
	386	-4.53e-005	2.25e-002	-2.47e-003	3.73e-002	1.70	-4.73e-002
598	382	2.78e-003	2.44e-002	-1.59e-003	7.67e-003	2.02	5.16e-002
	400	2.78e-003	2.69e-002	-1.27e-003	2.12e-002	1.99	3.94e-002
	401	-4.20e-004	2.69e-002	-1.83e-003	-1.26e-002	1.97	-1.88e-002
	384	-4.20e-004	2.44e-002	-2.15e-003	8.95e-003	2.03	-6.60e-003
599	380	-4.00e-004	2.54e-002	-7.70e-004	1.79e-002	1.81	8.15e-002
	399	-4.00e-004	2.84e-002	1.16e-003	1.31e-002	1.88	8.19e-002
	400	2.78e-003	2.84e-002	9.41e-004	3.89e-002	1.90	7.49e-002
	382	2.78e-003	2.54e-002	-9.89e-004	-6.77e-003	1.97	7.45e-002
600	378	-2.98e-005	2.57e-002	-3.64e-004	-3.02e-004	1.80	4.94e-002
	398	-2.98e-005	2.89e-002	5.65e-005	1.24e-002	1.83	5.37e-002
	399	-4.00e-004	2.89e-002	6.45e-005	3.54e-003	1.84	6.86e-002
	380	-4.00e-004	2.57e-002	-3.56e-004	2.02e-002	1.85	6.43e-002
601	376	3.84e-005	2.56e-002	-2.70e-004	-1.97e-002	1.84	5.46e-002
	397	3.84e-005	2.93e-002	-2.69e-005	5.68e-003	1.84	6.14e-002
	398	-2.98e-005	2.93e-002	1.57e-005	-8.75e-003	1.85	5.11e-002
	378	-2.98e-005	2.56e-002	-2.27e-004	1.31e-002	1.86	4.42e-002
602	374	-8.97e-005	2.55e-002	-2.29e-004	-3.18e-003	1.75	0.10
	396	-8.97e-005	3.02e-002	-1.48e-004	2.53e-003	1.75	0.10
	397	3.84e-005	3.02e-002	-2.01e-004	-1.03e-002	1.84	6.77e-002
	376	3.84e-005	2.55e-002	-2.82e-004	-8.33e-003	1.88	7.44e-002
603	372	3.23e-005	2.52e-002	-4.30e-004	-1.44e-002	1.55	0.10
	395	3.23e-005	3.07e-002	-3.79e-004	8.97e-003	1.59	0.10
	396	-8.97e-005	3.07e-002	-2.17e-004	1.08e-002	1.66	0.10
	374	-8.97e-005	2.52e-002	-2.68e-004	-1.59e-002	1.69	0.10
604	370	2.10e-006	2.50e-002	-2.96e-004	-3.66e-002	1.56	8.84e-002
	394	2.10e-006	3.20e-002	2.17e-004	-7.00e-003	1.56	0.10
	395	3.23e-005	3.20e-002	-5.05e-005	-7.41e-003	1.57	0.10
	372	3.23e-005	2.50e-002	-5.63e-004	-8.72e-003	1.58	8.67e-002
605	368	-6.88e-004	2.52e-002	-5.66e-004	-2.25e-002	1.61	6.90e-002
	393	-6.88e-004	3.26e-002	-1.57e-004	-6.67e-002	1.69	8.20e-002
	394	2.10e-006	3.26e-002	2.48e-004	-1.32e-002	1.56	0.11
	370	2.10e-006	2.52e-002	-1.61e-004	-4.14e-002	1.60	0.10
606	298	1.25e-003	2.28e-002	1.51e-003	-0.30	1.71	-0.19
	292	1.25e-003	3.84e-002	-4.62e-003	4.90e-002	2.33	-0.14
	393	-6.88e-004	3.84e-002	-4.67e-003	-5.01e-002	1.49	7.95e-002
	368	-6.88e-004	2.28e-002	1.47e-003	-5.83e-002	1.78	2.59e-002
607	391	3.22e-004	1.57e-002	-3.46e-003	0.30	1.93	7.31e-002
	390	3.22e-004	1.26e-002	-4.20e-003	-0.15	1.39	5.86e-002
	392	3.53e-004	1.26e-002	-5.63e-003	5.56e-002	1.02	-7.78e-002
	363	3.53e-004	1.57e-002	-4.90e-003	4.66e-002	0.66	-6.33e-002
608	389	7.29e-005	1.80e-002	-2.46e-003	0.10	1.58	4.15e-002
	388	7.29e-005	1.66e-002	-3.76e-003	-2.56e-002	1.29	5.02e-002
	390	3.22e-004	1.66e-002	-4.08e-003	0.16	1.28	0.11
	391	3.22e-004	1.80e-002	-2.77e-003	-6.25e-002	0.90	0.11
609	387	-3.27e-005	1.98e-002	-2.53e-003	4.18e-002	1.67	-6.83e-003
	386	-3.27e-005	1.95e-002	-3.87e-003	2.03e-002	1.54	-1.36e-002
	388	7.29e-005	1.95e-002	-3.71e-003	6.51e-002	1.38	3.33e-002
	389	7.29e-005	1.98e-002	-2.37e-003	-2.40e-002	1.19	4.01e-002
610	385	4.63e-004	2.28e-002	-2.90e-003	0.11	2.15	1.28e-002
	384	4.63e-004	2.25e-002	-3.90e-003	-1.15e-002	1.92	-3.26e-003
	386	-3.27e-005	2.25e-002	-3.65e-003	4.68e-002	1.68	-3.02e-002
	387	-3.27e-005	2.28e-002	-2.65e-003	-2.00e-003	1.49	-1.42e-002
611	383	6.85e-004	2.49e-002	-1.12e-003	0.19	2.47	0.12
	382	6.85e-004	2.44e-002	-1.85e-003	-0.11	2.08	0.11
	384	4.63e-004	2.44e-002	-3.27e-003	5.80e-002	2.03	2.57e-002
	385	4.63e-004	2.49e-002	-2.54e-003	1.19e-002	1.75	2.72e-002
612	381	2.70e-004	2.32e-002	1.66e-004	5.38e-002	2.03	9.29e-002
	380	2.70e-004	2.54e-002	-5.57e-004	-3.01e-002	1.81	0.10

	382	6.85e-004	2.54e-002	-1.25e-003	0.11	1.95	0.15
	383	6.85e-004	2.32e-002	-5.24e-004	-6.70e-002	1.67	0.14
613	379	-1.50e-005	2.24e-002	-1.20e-004	6.70e-003	1.88	5.53e-002
	378	-1.50e-005	2.57e-002	-4.97e-004	6.28e-003	1.80	5.44e-002
	380	2.70e-004	2.57e-002	-1.43e-004	3.82e-002	1.82	9.09e-002
	381	2.70e-004	2.24e-002	2.33e-004	-2.81e-002	1.70	9.18e-002
614	377	3.28e-005	2.27e-002	-8.76e-005	3.38e-002	1.98	7.70e-002
	376	3.28e-005	2.56e-002	-2.42e-004	-1.98e-002	1.87	7.47e-002
	378	-1.50e-005	2.56e-002	-3.60e-004	7.21e-003	1.86	4.99e-002
	379	-1.50e-005	2.27e-002	-2.05e-004	-9.50e-005	1.77	5.21e-002
615	375	-2.86e-005	2.22e-002	2.39e-004	7.22e-002	2.02	0.14
	374	-2.86e-005	2.55e-002	-4.04e-005	-9.00e-002	1.78	0.15
	376	3.28e-005	2.55e-002	-2.54e-004	2.35e-002	1.88	9.07e-002
	377	3.28e-005	2.22e-002	2.52e-005	-2.21e-002	1.72	8.45e-002
616	373	-7.31e-005	1.98e-002	-3.89e-005	-1.84e-002	1.73	0.10
	372	-7.31e-005	2.52e-002	-3.84e-004	-5.48e-002	1.55	0.11
	374	-2.86e-005	2.52e-002	-7.96e-005	6.64e-002	1.67	0.15
	375	-2.86e-005	1.98e-002	2.66e-004	-0.11	1.44	0.14
617	371	-1.16e-004	1.88e-002	8.96e-006	-6.37e-002	1.66	7.64e-002
	370	-1.16e-004	2.50e-002	-3.80e-004	-7.45e-002	1.56	8.88e-002
	372	-7.31e-005	2.50e-002	-5.17e-004	-9.51e-003	1.57	0.11
	373	-7.31e-005	1.88e-002	-1.28e-004	-9.02e-002	1.45	9.45e-002
618	369	1.50e-003	1.82e-002	-5.67e-004	-0.13	1.63	5.62e-002
	368	1.50e-003	2.52e-002	-6.75e-004	-0.15	1.59	8.76e-002
	370	-1.16e-004	2.52e-002	-2.46e-004	-6.27e-002	1.61	0.10
	371	-1.16e-004	1.82e-002	-1.38e-004	-0.12	1.55	6.73e-002
619	289	5.40e-004	1.81e-002	1.30e-003	-0.12	1.68	-3.22e-002
	298	5.40e-004	2.28e-002	3.15e-003	-0.11	1.64	-4.98e-002
	368	1.50e-003	2.28e-002	1.36e-003	-7.13e-002	1.73	2.89e-002
	369	1.50e-003	1.81e-002	-4.85e-004	-0.22	1.59	4.66e-002
620	353	1.16e-003	-6.76e-003	1.86e-003	3.99e-002	0.11	5.70e-002
	297	1.16e-003	1.93e-002	-2.14e-004	7.03e-002	3.97e-002	-1.65e-003
	289	2.18e-004	1.93e-002	8.91e-004	-4.24e-002	-7.15e-002	4.14e-003
	355	2.18e-004	-6.76e-003	2.96e-003	-7.49e-002	-0.14	6.28e-002
621	351	-3.84e-004	-5.40e-003	-5.62e-004	3.43e-002	0.26	2.85e-002
	295	-3.84e-004	2.20e-002	-4.67e-004	0.25	0.28	4.07e-004
	297	1.16e-003	2.20e-002	-2.94e-004	0.14	0.16	1.42e-002
	353	1.16e-003	-5.40e-003	-3.90e-004	2.61e-002	0.16	4.22e-002
622	281	6.04e-004	-5.70e-003	-1.82e-003	-7.93e-002	-0.11	-2.35e-002
	201	6.04e-004	2.16e-002	-1.03e-003	-4.42e-002	-3.31e-002	4.21e-002
	295	-3.84e-004	2.16e-002	-4.23e-004	0.16	0.13	5.57e-002
	351	-3.84e-004	-5.70e-003	-1.20e-003	6.16e-002	0.20	-9.90e-003
623	354	-6.42e-004	-4.58e-002	-4.62e-003	-1.29e-002	6.36e-002	7.30e-002
	353	-6.42e-004	-6.76e-003	1.05e-003	-1.10e-002	0.10	6.02e-002
	355	7.50e-004	-6.76e-003	3.57e-003	-2.03e-002	-0.14	5.53e-002
	288	7.50e-004	-4.58e-002	-2.10e-003	-3.31e-002	-9.49e-002	6.81e-002
624	352	-2.40e-004	-5.00e-002	3.72e-004	-4.33e-003	0.19	1.98e-002
	351	-2.40e-004	-5.40e-003	-2.38e-004	1.29e-002	0.24	1.82e-002
	353	-6.42e-004	-5.40e-003	-1.19e-003	1.52e-002	0.15	5.47e-002
	354	-6.42e-004	-5.00e-002	-5.84e-004	-1.03e-002	0.15	5.63e-002
625	200	-2.89e-005	-5.18e-002	-1.36e-004	-2.06e-002	-0.13	-4.58e-002
	281	-2.89e-005	-5.70e-003	-1.40e-003	-4.19e-002	-0.12	-2.23e-002
	351	-2.40e-004	-5.70e-003	-8.81e-004	1.37e-002	0.20	8.54e-003
	352	-2.40e-004	-5.18e-002	3.84e-004	-2.89e-003	0.16	-1.50e-002
626	347	3.59e-004	-0.13	9.78e-004	4.83e-002	-0.10	7.99e-002
	350	3.59e-004	-8.45e-002	-3.65e-003	7.77e-003	-8.46e-002	9.32e-002
	283	4.46e-004	-8.45e-002	-1.42e-003	4.46e-002	-0.13	9.35e-002
	348	4.46e-004	-0.13	3.21e-003	4.21e-002	-0.11	8.02e-002
627	346	-5.85e-005	-0.13	6.44e-004	4.59e-002	-0.10	5.96e-002
	349	-5.85e-005	-8.17e-002	5.94e-004	2.88e-003	-7.52e-002	6.12e-002

	350	3.59e-004	-8.17e-002	-7.02e-004	1.07e-002	-8.18e-002	8.18e-002
	347	3.59e-004	-0.13	-6.51e-004	4.15e-002	-0.10	8.02e-002
628	271	3.32e-004	-0.13	-6.99e-004	5.23e-002	-0.13	3.40e-002
	195	3.32e-004	-8.17e-002	-7.99e-004	1.73e-002	-0.11	2.88e-002
	349	-5.85e-005	-8.17e-002	6.17e-004	7.87e-003	-9.14e-002	5.17e-002
	346	-5.85e-005	-0.13	7.16e-004	4.57e-002	-0.10	5.68e-002
629	345	-1.12e-003	-0.15	-3.82e-004	7.59e-002	-0.14	8.54e-002
	347	-1.12e-003	-0.13	1.60e-003	5.68e-002	-0.10	7.67e-002
	348	1.30e-004	-0.13	2.12e-003	3.53e-002	-0.11	8.32e-002
	282	1.30e-004	-0.15	1.38e-004	6.37e-002	-8.53e-002	9.18e-002
630	344	3.21e-005	-0.15	1.57e-004	8.03e-002	-0.13	5.68e-002
	346	3.21e-005	-0.13	3.12e-004	5.75e-002	-0.10	5.95e-002
	347	-1.12e-003	-0.13	-3.21e-005	5.17e-002	-0.10	7.50e-002
	345	-1.12e-003	-0.15	-1.87e-004	0.10	-8.86e-002	7.23e-002
631	194	1.85e-003	-0.15	6.62e-006	5.49e-002	-0.15	3.01e-002
	271	1.85e-003	-0.13	2.66e-004	4.12e-002	-0.14	3.76e-002
	346	3.21e-005	-0.13	3.84e-004	4.97e-002	-0.10	5.38e-002
	344	3.21e-005	-0.15	1.25e-004	8.59e-002	-0.10	4.63e-002
632	342	-8.72e-005	-0.15	2.58e-004	7.60e-002	-1.59	0.11
	345	-8.72e-005	-0.15	2.47e-004	5.95e-002	-1.67	0.10
	282	-6.83e-005	-0.15	2.42e-004	0.10	-1.51	0.14
	343	-6.83e-005	-0.15	2.53e-004	-6.44e-005	-1.64	0.15
633	341	-1.72e-004	-0.15	3.58e-004	6.61e-002	-1.61	5.54e-002
	344	-1.72e-004	-0.15	1.58e-004	8.68e-002	-1.60	5.24e-002
	345	-8.72e-005	-0.15	2.14e-004	8.59e-002	-1.56	8.99e-002
	342	-8.72e-005	-0.15	4.13e-004	5.85e-002	-1.60	9.29e-002
634	264	-3.62e-004	-0.15	1.15e-003	9.34e-002	-1.70	3.31e-002
	194	-3.62e-004	-0.15	7.24e-004	6.48e-002	-1.68	3.44e-002
	344	-1.72e-004	-0.15	2.05e-004	7.55e-002	-1.63	4.58e-002
	341	-1.72e-004	-0.15	6.30e-004	8.77e-002	-1.63	4.45e-002
635	340	-1.22e-004	-0.15	1.81e-004	4.09e-002	-1.63	0.10
	342	-1.22e-004	-0.15	2.20e-004	5.07e-002	-1.60	0.10
	343	-1.47e-004	-0.15	1.31e-004	6.01e-002	-1.66	0.12
	290	-1.47e-004	-0.15	9.21e-005	3.61e-002	-1.65	0.12
636	339	-2.45e-004	-0.15	3.03e-004	5.42e-002	-1.63	7.40e-002
	341	-2.45e-004	-0.15	4.32e-004	6.87e-002	-1.62	6.47e-002
	342	-1.22e-004	-0.15	3.75e-004	5.05e-002	-1.61	8.46e-002
	340	-1.22e-004	-0.15	2.45e-004	4.61e-002	-1.63	9.38e-002
637	202	-6.61e-004	-0.15	6.55e-004	0.10	-1.67	6.96e-002
	264	-6.61e-004	-0.15	9.77e-004	0.11	-1.69	5.50e-002
	341	-2.45e-004	-0.15	7.05e-004	7.64e-002	-1.64	5.29e-002
	339	-2.45e-004	-0.15	3.82e-004	7.77e-002	-1.65	6.76e-002
638	337	-2.42e-004	-0.15	1.28e-004	3.43e-002	-1.65	0.11
	340	-2.42e-004	-0.15	1.36e-004	3.88e-002	-1.64	0.11
	290	-1.90e-004	-0.15	9.66e-005	4.90e-002	-1.65	0.12
	338	-1.90e-004	-0.15	8.85e-005	2.66e-002	-1.66	0.12
639	336	-4.24e-004	-0.15	2.16e-004	4.15e-002	-1.65	9.27e-002
	339	-4.24e-004	-0.15	2.64e-004	6.24e-002	-1.64	8.27e-002
	340	-2.42e-004	-0.15	2.00e-004	4.31e-002	-1.63	9.48e-002
	337	-2.42e-004	-0.15	1.53e-004	3.52e-002	-1.65	0.10
640	257	-8.09e-004	-0.14	2.82e-004	7.86e-002	-1.66	0.10
	202	-8.09e-004	-0.15	3.96e-004	0.10	-1.67	8.06e-002
	339	-4.24e-004	-0.15	3.43e-004	6.60e-002	-1.66	7.55e-002
	336	-4.24e-004	-0.14	2.28e-004	5.90e-002	-1.66	9.09e-002
641	334	-2.70e-004	-0.14	1.61e-005	1.89e-002	-1.65	0.11
	337	-2.70e-004	-0.15	7.16e-005	2.90e-002	-1.65	0.11
	338	-1.84e-004	-0.15	8.06e-005	3.17e-002	-1.66	0.11
	335	-1.84e-004	-0.14	2.51e-005	1.48e-002	-1.66	0.12
642	333	-4.30e-004	-0.14	-2.14e-005	2.25e-002	-1.65	0.11
	336	-4.30e-004	-0.15	1.07e-004	4.59e-002	-1.65	0.10

	337	-2.70e-004	-0.15	9.61e-005	3.19e-002	-1.65	0.10
	334	-2.70e-004	-0.14	-3.21e-005	2.01e-002	-1.65	0.11
643	253	-7.61e-004	-0.14	-2.10e-004	4.10e-002	-1.65	0.11
	257	-7.61e-004	-0.14	1.83e-005	6.88e-002	-1.66	0.10
	336	-4.30e-004	-0.14	1.19e-004	4.74e-002	-1.66	0.10
	333	-4.30e-004	-0.14	-1.10e-004	3.25e-002	-1.66	0.11
644	332	-2.39e-004	-0.14	-6.57e-005	6.65e-005	-1.66	0.11
	334	-2.39e-004	-0.14	-4.29e-005	1.35e-002	-1.66	0.11
	335	-1.55e-004	-0.14	3.40e-006	1.38e-002	-1.66	0.12
	291	-1.55e-004	-0.14	-1.94e-005	-8.65e-004	-1.66	0.12
645	331	-3.65e-004	-0.14	-1.49e-004	-9.83e-004	-1.66	0.11
	333	-3.65e-004	-0.14	-1.17e-004	2.21e-002	-1.66	0.11
	334	-2.39e-004	-0.14	-9.10e-005	1.48e-002	-1.66	0.11
	332	-2.39e-004	-0.14	-1.22e-004	3.60e-004	-1.66	0.11
646	203	-6.00e-004	-0.14	-4.58e-004	1.03e-003	-1.65	0.11
	253	-6.00e-004	-0.14	-4.09e-004	2.99e-002	-1.66	0.11
	333	-3.65e-004	-0.14	-2.06e-004	2.14e-002	-1.66	0.11
	331	-3.65e-004	-0.14	-2.54e-004	2.54e-003	-1.66	0.11
647	329	-1.43e-004	-0.14	-1.70e-004	-1.86e-002	-1.66	0.11
	332	-1.43e-004	-0.14	-1.04e-004	-4.52e-003	-1.66	0.11
	291	-9.30e-005	-0.14	-4.22e-005	-4.77e-003	-1.66	0.12
	330	-9.30e-005	-0.14	-1.08e-004	-1.54e-002	-1.66	0.11
648	328	-2.06e-004	-0.14	-3.18e-004	-2.18e-002	-1.66	0.11
	331	-2.06e-004	-0.14	-2.01e-004	-3.31e-003	-1.66	0.11
	332	-1.43e-004	-0.14	-1.61e-004	-6.26e-003	-1.66	0.11
	329	-1.43e-004	-0.14	-2.77e-004	-1.78e-002	-1.65	0.11
649	246	-3.59e-004	-0.14	-7.41e-004	-3.58e-002	-1.65	0.11
	203	-3.59e-004	-0.14	-5.55e-004	-1.04e-002	-1.65	0.11
	331	-2.06e-004	-0.14	-3.07e-004	-6.90e-003	-1.66	0.11
	328	-2.06e-004	-0.14	-4.92e-004	-2.44e-002	-1.66	0.11
650	327	-7.37e-005	-0.13	-1.38e-004	-3.12e-002	-1.65	0.11
	329	-7.37e-005	-0.14	-2.07e-004	-2.44e-002	-1.66	0.12
	330	-4.90e-005	-0.14	-1.30e-004	-1.68e-002	-1.66	0.12
	287	-4.90e-005	-0.13	-6.17e-005	-3.21e-002	-1.68	0.11
651	326	-1.08e-004	-0.13	-2.12e-004	-3.19e-002	-1.63	0.11
	328	-1.08e-004	-0.14	-3.68e-004	-3.90e-002	-1.66	0.12
	329	-7.37e-005	-0.14	-3.14e-004	-1.92e-002	-1.66	0.11
	327	-7.37e-005	-0.13	-1.58e-004	-4.03e-002	-1.68	0.11
652	199	-2.00e-004	-0.13	-5.12e-004	-4.79e-002	-1.61	0.11
	246	-2.00e-004	-0.14	-7.92e-004	-4.27e-002	-1.65	0.11
	328	-1.08e-004	-0.14	-5.42e-004	-2.58e-002	-1.66	0.11
	326	-1.08e-004	-0.13	-2.62e-004	-5.85e-002	-1.70	0.11
653	323	1.48e-004	-7.41e-002	-1.82e-004	-2.54e-002	0.12	0.10
	327	1.48e-004	-0.13	-1.36e-004	-3.41e-002	0.11	0.11
	287	5.59e-005	-0.13	-1.10e-004	-2.98e-002	0.13	0.11
	325	5.59e-005	-7.41e-002	-1.56e-004	-2.35e-002	0.12	0.11
654	321	9.15e-005	-7.42e-002	-4.11e-004	-2.92e-002	0.12	0.10
	326	9.15e-005	-0.13	-2.58e-004	-4.73e-002	0.10	0.10
	327	1.48e-004	-0.13	-1.73e-004	-3.55e-002	0.14	0.11
	323	1.48e-004	-7.42e-002	-3.26e-004	-3.01e-002	0.12	0.10
655	239	2.58e-004	-7.45e-002	-5.74e-004	-5.13e-002	0.11	7.81e-002
	199	2.58e-004	-0.13	-4.88e-004	-7.06e-002	0.10	9.14e-002
	326	9.15e-005	-0.13	-3.50e-004	-4.47e-002	0.15	0.10
	321	9.15e-005	-7.45e-002	-4.36e-004	-4.45e-002	0.12	8.90e-002
656	324	-1.36e-006	-1.41e-002	-1.20e-004	-4.77e-003	0.10	0.10
	323	-1.36e-006	-7.41e-002	-9.61e-005	-1.80e-002	0.12	0.10
	325	2.77e-004	-7.41e-002	-1.45e-004	-1.57e-002	0.11	0.11
	286	2.77e-004	-1.41e-002	-1.69e-004	-3.75e-003	0.11	0.11
657	322	4.63e-004	-1.43e-002	1.70e-004	-1.81e-003	0.10	8.37e-002
	321	4.63e-004	-7.42e-002	-3.88e-004	-2.96e-002	0.12	8.72e-002

	323	-1.36e-006	-7.42e-002	-2.40e-004	-1.88e-002	0.11	0.10
	324	-1.36e-006	-1.43e-002	3.18e-004	-6.09e-003	0.10	0.10
658	198	9.79e-005	-1.49e-002	-1.06e-004	-1.50e-002	8.97e-002	6.06e-002
	239	9.79e-005	-7.45e-002	-2.77e-004	-3.51e-002	0.11	6.63e-002
	321	4.63e-004	-7.45e-002	-4.13e-004	-2.95e-002	0.11	8.35e-002
	322	4.63e-004	-1.49e-002	-2.43e-004	-6.64e-003	0.10	7.78e-002
659	317	-4.87e-005	-2.32e-002	-2.54e-004	8.21e-003	0.32	3.47e-003
	320	-4.87e-005	-8.33e-002	1.56e-004	-1.08e-003	0.33	2.40e-002
	285	2.12e-004	-8.33e-002	1.27e-004	1.51e-004	0.21	2.65e-002
	318	2.12e-004	-2.32e-002	-2.83e-004	4.43e-002	0.20	5.92e-003
660	316	4.29e-004	-2.28e-002	1.28e-004	3.82e-003	0.42	5.28e-002
	319	4.29e-004	-8.32e-002	-1.58e-004	-7.99e-003	0.39	6.06e-002
	320	-4.87e-005	-8.32e-002	-3.06e-004	-1.24e-002	0.37	2.70e-002
	317	-4.87e-005	-2.28e-002	-2.07e-005	2.25e-002	0.40	1.91e-002
661	229	6.73e-005	-2.30e-002	2.01e-004	2.73e-002	0.19	0.11
	197	6.73e-005	-8.36e-002	2.16e-004	5.06e-003	0.21	8.85e-002
	319	4.29e-004	-8.36e-002	2.29e-004	-1.36e-002	0.36	6.91e-002
	316	4.29e-004	-2.30e-002	2.14e-004	3.91e-003	0.41	8.62e-002
662	307	-1.37e-004	3.71e-002	-6.62e-004	0.22	0.33	8.54e-002
	317	-1.37e-004	-2.32e-002	-4.66e-004	2.99e-002	0.37	1.05e-002
	318	3.64e-005	-2.32e-002	-7.43e-004	6.03e-002	0.17	1.44e-002
	284	3.64e-005	3.71e-002	-9.39e-004	5.66e-002	0.20	8.93e-002
663	306	-2.92e-004	3.88e-002	-1.60e-004	0.31	0.52	5.42e-002
	316	-2.92e-004	-2.28e-002	1.65e-005	1.42e-002	0.46	4.54e-002
	317	-1.37e-004	-2.28e-002	-2.32e-004	4.13e-002	0.41	4.04e-002
	307	-1.37e-004	3.88e-002	-4.08e-004	0.27	0.36	4.92e-002
664	196	2.80e-004	3.83e-002	1.08e-003	8.06e-002	0.28	2.44e-002
	229	2.80e-004	-2.30e-002	8.40e-004	9.70e-004	0.17	0.11
	316	-2.92e-004	-2.30e-002	1.03e-004	1.78e-002	0.45	9.48e-002
	306	-2.92e-004	3.83e-002	3.38e-004	0.27	0.37	1.06e-002
665	314	1.37e-003	2.67e-003	1.27e-003	-0.12	1.34	0.10
	304	1.37e-003	2.07e-002	5.20e-003	-1.83e-002	1.19	0.26
	293	-6.35e-003	2.15e-002	8.16e-003	0.12	1.36	0.71
	315	-6.35e-003	2.67e-003	4.69e-003	0.16	0.55	0.56
666	313	1.34e-003	7.26e-003	-2.36e-004	-7.87e-002	1.29	-5.48e-002
	302	1.34e-003	1.80e-002	-6.31e-004	-0.18	1.41	-2.60e-002
	304	1.37e-003	1.80e-002	1.22e-003	-0.11	1.38	0.13
	314	1.37e-003	7.26e-003	1.62e-003	-7.48e-002	1.27	0.10
667	312	-1.22e-002	2.91e-003	-2.47e-003	0.10	0.62	-0.48
	205	-1.22e-002	1.97e-002	-8.48e-003	-0.10	1.31	-0.53
	302	1.34e-003	1.97e-002	-5.89e-003	-5.92e-002	1.28	-0.11
	313	1.34e-003	2.91e-003	1.19e-004	-0.11	1.49	-5.82e-002
668	310	4.07e-003	2.32e-003	-1.22e-003	-0.21	1.25	-0.12
	314	4.07e-003	2.67e-003	-1.71e-004	-0.16	1.25	0.16
	315	-1.10e-002	2.67e-003	1.19e-004	0.21	0.45	0.17
	311	-1.10e-002	2.32e-003	-9.25e-004	0.14	0.45	-0.11
669	309	4.62e-003	6.39e-003	-6.83e-005	-0.26	1.25	3.54e-003
	313	4.62e-003	7.26e-003	9.74e-004	-0.24	1.26	1.42e-002
	314	4.07e-003	7.26e-003	1.73e-004	-0.22	1.24	2.11e-002
	310	4.07e-003	6.39e-003	-8.69e-004	-0.26	1.24	1.04e-002
670	308	-1.48e-002	2.57e-003	2.38e-004	6.03e-002	0.51	4.36e-002
	312	-1.48e-002	2.91e-003	1.08e-003	7.39e-002	0.51	-7.63e-002
	313	4.62e-003	2.91e-003	1.33e-003	-0.13	1.46	-6.16e-002
	309	4.62e-003	2.57e-003	4.82e-004	-0.15	1.45	5.83e-002
671	300	5.98e-004	1.68e-002	-4.57e-003	-0.15	1.16	-0.14
	310	5.98e-004	2.32e-003	-1.98e-003	-0.21	1.33	-4.78e-002
	311	-2.29e-003	2.32e-003	-5.63e-003	5.54e-002	0.51	-0.49
	292	-2.29e-003	1.77e-002	-8.05e-003	-0.17	1.29	-0.56
672	299	5.50e-004	1.30e-002	1.06e-003	-0.26	1.38	5.75e-002
	309	5.50e-004	6.39e-003	4.87e-004	-0.14	1.27	6.93e-002

	310	5.98e-004	6.39e-003	-1.63e-003	-0.14	1.25	-5.08e-002
	300	5.98e-004	1.30e-002	-1.06e-003	-0.22	1.33	-6.25e-002
673	204	-7.06e-003	1.61e-002	8.64e-003	-0.16	1.25	0.49
	308	-7.06e-003	2.57e-003	4.00e-003	6.39e-002	0.61	0.44
	309	5.50e-004	2.57e-003	1.04e-003	-0.16	1.46	5.87e-002
	299	5.50e-004	1.61e-002	5.68e-003	-0.14	1.25	0.12
674	303	-1.17e-003	3.23e-002	-2.26e-003	0.18	1.54	0.26
	307	-1.17e-003	3.71e-002	-1.44e-004	0.23	1.53	0.13
	284	5.00e-004	3.71e-002	-1.12e-003	0.11	1.72	0.19
	305	5.00e-004	3.23e-002	-3.23e-003	-4.70e-002	1.63	0.31
675	301	-1.79e-003	2.96e-002	-1.10e-003	0.23	1.62	3.03e-002
	306	-1.79e-003	3.88e-002	-9.91e-004	0.33	1.65	1.05e-002
	307	-1.17e-003	3.88e-002	-3.35e-004	0.34	1.72	0.13
	303	-1.17e-003	2.96e-002	-4.48e-004	0.17	1.58	0.15
676	222	1.79e-004	3.27e-002	3.43e-003	2.83e-003	1.66	-0.20
	196	1.79e-004	3.83e-002	1.43e-003	0.13	1.71	-0.12
	306	-1.79e-003	3.83e-002	-8.20e-004	0.30	1.56	-6.99e-003
	301	-1.79e-003	3.27e-002	1.19e-003	0.14	1.50	-8.79e-002
677	304	5.05e-004	2.07e-002	5.01e-003	1.06e-002	1.33	0.26
	303	5.05e-004	3.23e-002	-1.18e-003	0.14	1.46	0.21
	305	6.53e-004	3.23e-002	-1.72e-003	0.12	1.60	0.41
	293	6.53e-004	2.06e-002	4.48e-003	-0.10	1.45	0.44
678	302	1.32e-003	1.80e-002	-1.21e-003	9.33e-002	1.47	-8.25e-003
	301	1.32e-003	2.96e-002	-1.67e-003	4.26e-002	1.56	9.61e-003
	303	5.05e-004	2.96e-002	6.31e-004	0.11	1.54	0.15
	304	5.05e-004	1.80e-002	1.09e-003	7.49e-002	1.42	0.14
679	205	1.04e-003	1.97e-002	-5.66e-003	-0.11	1.46	-0.35
	222	1.04e-003	3.27e-002	1.44e-003	4.82e-002	1.61	-0.32
	301	1.32e-003	3.27e-002	6.21e-004	0.11	1.43	-8.58e-002
	302	1.32e-003	1.97e-002	-6.47e-003	-4.97e-002	1.34	-0.12
680	296	-9.82e-005	2.12e-002	1.80e-003	7.58e-003	1.33	-0.10
	300	-9.82e-005	1.67e-002	-3.95e-003	-0.10	1.26	-0.16
	292	1.25e-003	1.66e-002	-3.79e-003	-0.24	1.40	-0.26
	298	1.25e-003	2.12e-002	2.04e-003	3.30e-005	1.49	-0.22
681	294	4.69e-004	1.91e-002	1.38e-003	-9.16e-002	1.48	2.92e-002
	299	4.69e-004	1.30e-002	1.15e-003	-1.28e-002	1.42	4.36e-002
	300	-9.82e-005	1.30e-002	-4.82e-004	-5.47e-002	1.36	-5.83e-002
	296	-9.82e-005	1.91e-002	-2.52e-004	-8.74e-003	1.44	-7.27e-002
682	212	2.33e-003	2.24e-002	-2.11e-003	-2.91e-002	1.52	0.32
	204	2.33e-003	1.61e-002	4.94e-003	-0.15	1.39	0.33
	299	4.69e-004	1.61e-002	5.77e-003	-0.14	1.29	0.13
	294	4.69e-004	2.24e-002	-1.28e-003	-3.87e-003	1.38	0.12
683	297	-1.33e-003	1.93e-002	4.33e-004	8.42e-002	1.50	-3.13e-002
	296	-1.33e-003	2.12e-002	2.69e-003	1.89e-002	1.38	-0.12
	298	5.40e-004	2.12e-002	3.68e-003	-8.60e-002	1.49	-0.12
	289	5.40e-004	1.93e-002	1.42e-003	-7.36e-002	1.37	-2.59e-002
684	295	-1.98e-003	2.20e-002	4.57e-004	0.16	1.62	3.95e-002
	294	-1.98e-003	1.91e-002	6.16e-004	7.74e-002	1.54	1.89e-002
	296	-1.33e-003	1.91e-002	6.39e-004	3.82e-002	1.45	-5.25e-002
	297	-1.33e-003	2.20e-002	4.81e-004	0.14	1.47	-3.19e-002
685	201	4.38e-004	2.16e-002	-1.94e-003	-2.81e-002	1.58	0.16
	212	4.38e-004	2.24e-002	-4.08e-003	-8.42e-002	1.55	0.23
	294	-1.98e-003	2.24e-002	-2.04e-003	-5.53e-003	1.44	0.13
	295	-1.98e-003	2.16e-002	9.75e-005	0.15	1.52	6.18e-002
687	279	1.35e-003	-7.23e-003	-2.43e-003	-1.27e-002	-0.46	2.78e-002
	211	1.35e-003	1.94e-002	-1.50e-003	-0.37	-0.58	8.23e-002
	201	6.04e-004	1.94e-002	-1.12e-003	-0.21	-0.25	2.88e-002
	281	6.04e-004	-7.23e-003	-2.05e-003	-2.63e-002	-0.29	-2.58e-002
688	277	1.76e-003	-7.90e-003	-3.88e-003	6.01e-003	-0.38	5.10e-002
	209	1.76e-003	2.10e-002	-2.05e-003	-0.31	-0.60	3.56e-002

	211	1.35e-003	2.10e-002	-1.61e-003	-0.22	-0.17	4.01e-002
	279	1.35e-003	-7.90e-003	-3.44e-003	-0.15	-0.40	5.55e-002
689	275	-6.11e-003	-7.90e-003	-6.43e-003	3.26e-002	-0.10	1.38e-002
	207	-6.11e-003	2.84e-002	-4.26e-003	7.39e-003	-0.31	-3.30e-002
	209	1.76e-003	2.84e-002	-2.89e-003	7.63e-003	5.36e-002	9.02e-003
	277	1.76e-003	-7.90e-003	-5.06e-003	-0.15	-0.20	5.58e-002
690	183	-1.42e-003	-1.79e-003	7.27e-003	-0.10	-0.11	-5.39e-002
	176	-1.42e-003	3.19e-002	2.25e-003	-2.18e-002	-8.31e-002	-3.62e-003
	207	-6.11e-003	3.19e-002	-3.60e-003	0.12	-9.35e-003	3.84e-002
	275	-6.11e-003	-1.79e-003	1.41e-003	-4.48e-002	-2.57e-002	-1.19e-002
691	280	3.97e-003	-5.38e-002	1.00e-003	-2.45e-002	-0.35	-1.13e-002
	279	3.97e-003	-7.23e-003	-1.45e-003	-5.93e-002	-0.40	-7.04e-003
	281	-2.89e-005	-7.23e-003	-1.63e-003	-7.99e-002	-0.28	-3.65e-002
	200	-2.89e-005	-5.38e-002	8.16e-004	2.69e-003	-0.25	-4.07e-002
692	278	-7.47e-004	-5.39e-002	-3.93e-003	3.59e-003	-0.35	3.67e-002
	277	-7.47e-004	-7.90e-003	-3.57e-003	-7.30e-002	-0.35	2.90e-002
	279	3.97e-003	-7.90e-003	-2.45e-003	-6.18e-002	-0.41	1.02e-002
	280	3.97e-003	-5.39e-002	-2.82e-003	-2.59e-002	-0.38	1.79e-002
693	276	2.19e-003	-6.61e-002	-9.88e-004	-1.56e-002	-0.13	-5.11e-003
	275	2.19e-003	-7.90e-003	-6.11e-003	-3.17e-002	-0.10	-6.88e-003
	277	-7.47e-004	-7.90e-003	-4.75e-003	-3.61e-002	-0.23	2.84e-002
	278	-7.47e-004	-6.61e-002	3.76e-004	-1.55e-002	-0.26	3.01e-002
694	175	-5.88e-003	-9.11e-002	-1.37e-002	-1.55e-002	-0.11	-5.80e-002
	183	-5.88e-003	-1.79e-003	4.93e-003	-2.54e-002	-0.11	-5.74e-002
	275	2.19e-003	-1.79e-003	1.73e-003	-2.38e-002	-5.40e-002	-2.33e-002
	276	2.19e-003	-9.11e-002	-1.69e-002	-1.55e-002	-0.11	-2.39e-002
695	270	4.70e-003	-0.13	4.94e-003	6.99e-002	-0.10	7.21e-003
	274	4.70e-003	-7.67e-002	-2.92e-003	3.59e-002	-0.11	-7.67e-003
	195	3.32e-004	-7.67e-002	-5.95e-003	1.47e-002	-0.10	1.10e-002
	271	3.32e-004	-0.13	1.91e-003	6.77e-002	-0.15	2.59e-002
696	269	-4.50e-004	-0.13	4.63e-003	9.50e-002	-7.14e-002	-3.31e-002
	273	-4.50e-004	-8.92e-002	-8.82e-004	1.85e-002	-2.18e-002	-3.14e-002
	274	4.70e-003	-8.92e-002	6.83e-004	5.14e-002	-0.10	3.41e-003
	270	4.70e-003	-0.13	6.20e-003	6.62e-002	-0.11	1.67e-003
697	268	3.34e-004	-0.13	6.31e-003	4.39e-002	-4.05e-002	-6.07e-002
	272	3.34e-004	-0.10	5.82e-004	3.98e-002	-4.15e-002	-5.01e-002
	273	-4.50e-004	-0.10	-1.14e-003	-2.67e-004	1.10e-002	-4.35e-002
	269	-4.50e-004	-0.13	4.59e-003	0.11	-1.28e-003	-5.40e-002
698	181	5.80e-003	-0.13	6.19e-004	-2.25e-002	-0.27	8.37e-002
	170	5.80e-003	-0.12	9.14e-003	-2.02e-002	-0.54	0.11
	272	3.34e-004	-0.12	9.83e-003	-3.31e-002	-1.98e-003	-2.51e-002
	268	3.34e-004	-0.13	1.30e-003	6.34e-002	-3.65e-002	-5.58e-002
699	267	1.00e-003	-0.16	1.19e-003	5.52e-003	-0.35	-6.30e-003
	270	1.00e-003	-0.13	4.00e-003	0.15	-0.12	-2.89e-002
	271	1.85e-003	-0.13	2.87e-003	2.10e-002	-0.16	2.30e-002
	194	1.85e-003	-0.16	6.11e-005	7.83e-002	-5.49e-003	4.56e-002
700	266	4.67e-005	-0.15	2.35e-003	0.10	-0.38	-4.83e-002
	269	4.67e-005	-0.13	6.19e-003	0.21	-0.11	-6.62e-002
	270	1.00e-003	-0.13	5.26e-003	6.60e-002	-0.10	-2.13e-002
	267	1.00e-003	-0.15	1.42e-003	0.17	0.13	-3.44e-003
701	265	-4.23e-003	-0.15	3.29e-003	0.22	-0.31	-0.12
	268	-4.23e-003	-0.13	6.49e-003	0.23	-5.47e-002	-0.12
	269	4.67e-005	-0.13	6.15e-003	6.38e-002	1.19e-002	-8.13e-002
	266	4.67e-005	-0.15	2.95e-003	0.38	0.22	-8.10e-002
702	169	3.44e-004	-0.15	1.37e-003	-0.13	-0.34	-0.18
	181	3.44e-004	-0.13	-5.84e-004	4.73e-002	-0.24	-5.46e-002
	268	-4.23e-003	-0.13	1.49e-003	2.38e-002	-7.94e-004	-8.48e-002
	265	-4.23e-003	-0.15	3.44e-003	0.38	0.13	-0.21
703	263	-3.37e-004	-0.15	1.75e-003	0.16	-1.69	0.10
	267	-3.37e-004	-0.16	1.30e-003	5.65e-002	-1.77	7.42e-002

	194	-3.62e-004	-0.16	9.91e-004	4.05e-002	-1.76	2.95e-002
	264	-3.62e-004	-0.15	1.44e-003	0.14	-1.74	5.21e-002
704	262	-4.10e-004	-0.15	2.72e-003	0.21	-1.44	8.17e-002
	266	-4.10e-004	-0.15	2.41e-003	0.16	-1.44	4.24e-002
	267	-3.37e-004	-0.15	1.74e-003	0.12	-1.61	7.41e-002
	263	-3.37e-004	-0.15	2.05e-003	0.13	-1.65	0.11
705	261	-6.93e-004	-0.15	3.32e-003	9.40e-002	-1.18	-0.15
	265	-6.93e-004	-0.15	2.51e-003	0.33	-0.86	-0.16
	266	-4.10e-004	-0.15	2.42e-003	0.25	-1.39	2.65e-002
	262	-4.10e-004	-0.15	3.23e-003	0.15	-1.32	3.46e-002
706	193	-9.19e-004	-0.15	4.09e-003	-0.15	-1.53	-0.53
	169	-9.19e-004	-0.15	2.28e-003	0.17	-0.93	-0.41
	265	-6.93e-004	-0.15	2.28e-003	0.18	-1.42	-0.19
	261	-6.93e-004	-0.15	4.10e-003	0.17	-1.14	-0.30
707	260	-7.90e-004	-0.15	7.26e-004	0.14	-1.65	0.10
	263	-7.90e-004	-0.15	1.29e-003	0.12	-1.68	9.25e-002
	264	-6.61e-004	-0.15	1.27e-003	0.12	-1.71	6.83e-002
	202	-6.61e-004	-0.15	7.02e-004	0.12	-1.69	7.87e-002
708	259	-6.89e-004	-0.15	1.01e-003	0.15	-1.52	7.33e-002
	262	-6.89e-004	-0.15	1.81e-003	0.10	-1.47	7.92e-002
	263	-7.90e-004	-0.15	1.59e-003	0.14	-1.64	0.11
	260	-7.90e-004	-0.15	7.97e-004	0.12	-1.63	0.10
709	258	-8.92e-004	-0.15	1.75e-003	0.13	-1.42	-0.14
	261	-8.92e-004	-0.15	2.82e-003	6.31e-002	-1.29	-0.12
	262	-6.89e-004	-0.15	2.31e-003	0.16	-1.35	3.75e-002
	259	-6.89e-004	-0.15	1.25e-003	7.64e-002	-1.43	2.38e-002
710	177	-1.49e-003	-0.14	2.50e-003	0.21	-1.64	-0.42
	193	-1.49e-003	-0.15	3.91e-003	8.94e-002	-1.59	-0.45
	261	-8.92e-004	-0.15	3.60e-003	0.10	-1.22	-0.25
	258	-8.92e-004	-0.14	2.18e-003	0.11	-1.44	-0.22
711	256	-9.77e-004	-0.14	2.65e-004	0.10	-1.64	0.11
	260	-9.77e-004	-0.15	4.44e-004	0.11	-1.65	0.10
	202	-8.09e-004	-0.15	4.44e-004	0.11	-1.68	9.18e-002
	257	-8.09e-004	-0.14	2.65e-004	8.59e-002	-1.66	0.10
712	255	-1.12e-003	-0.14	3.69e-004	0.12	-1.59	6.38e-002
	259	-1.12e-003	-0.15	5.86e-004	7.92e-002	-1.54	6.84e-002
	260	-9.77e-004	-0.15	5.14e-004	0.12	-1.63	0.10
	256	-9.77e-004	-0.14	2.97e-004	8.91e-002	-1.63	0.10
713	254	-1.56e-003	-0.14	8.56e-004	0.17	-1.59	-8.92e-002
	258	-1.56e-003	-0.15	1.20e-003	0.11	-1.47	-0.12
	259	-1.12e-003	-0.15	8.23e-004	0.13	-1.49	1.34e-002
	255	-1.12e-003	-0.14	4.80e-004	8.74e-002	-1.56	4.05e-002
714	190	-2.16e-003	-0.14	1.19e-003	0.36	-1.75	-0.26
	177	-2.16e-003	-0.14	1.71e-003	0.29	-1.65	-0.37
	258	-1.56e-003	-0.14	1.62e-003	0.15	-1.54	-0.23
	254	-1.56e-003	-0.14	1.10e-003	0.21	-1.65	-0.12
715	252	-9.27e-004	-0.14	-3.60e-004	5.51e-002	-1.65	0.11
	256	-9.27e-004	-0.14	-3.26e-005	7.17e-002	-1.65	0.11
	257	-7.61e-004	-0.14	1.86e-006	7.73e-002	-1.66	0.11
	253	-7.61e-004	-0.14	-3.26e-004	4.30e-002	-1.66	0.11
716	251	-1.22e-003	-0.14	-5.70e-004	7.85e-002	-1.64	8.49e-002
	255	-1.22e-003	-0.14	-6.91e-005	7.96e-002	-1.61	7.60e-002
	256	-9.27e-004	-0.14	-4.01e-007	8.58e-002	-1.64	0.10
	252	-9.27e-004	-0.14	-5.01e-004	4.89e-002	-1.64	0.11
717	250	-1.76e-003	-0.14	-7.00e-004	0.16	-1.68	1.67e-002
	254	-1.76e-003	-0.14	6.35e-005	0.17	-1.62	-3.43e-002
	255	-1.22e-003	-0.14	4.17e-005	0.11	-1.60	2.94e-002
	251	-1.22e-003	-0.14	-7.22e-004	7.58e-002	-1.64	8.04e-002
718	189	-2.28e-003	-0.14	-9.44e-004	0.35	-1.81	-3.55e-002
	190	-2.28e-003	-0.14	3.12e-004	0.41	-1.78	-0.17

	254	-1.76e-003	-0.14	3.07e-004	0.21	-1.70	-0.11
	250	-1.76e-003	-0.14	-9.48e-004	0.21	-1.75	1.84e-002
719	249	-7.62e-004	-0.14	-6.64e-004	1.89e-004	-1.65	0.11
	252	-7.62e-004	-0.14	-5.87e-004	3.29e-002	-1.65	0.11
	253	-6.00e-004	-0.14	-5.25e-004	3.34e-002	-1.65	0.11
	203	-6.00e-004	-0.14	-6.02e-004	-4.69e-004	-1.65	0.11
720	248	-1.08e-003	-0.14	-1.04e-003	6.90e-003	-1.65	0.11
	251	-1.08e-003	-0.14	-9.31e-004	5.20e-002	-1.65	0.10
	252	-7.62e-004	-0.14	-7.28e-004	3.89e-002	-1.65	0.11
	249	-7.62e-004	-0.14	-8.37e-004	-1.23e-003	-1.65	0.11
721	247	-1.62e-003	-0.14	-1.59e-003	4.76e-002	-1.70	0.11
	250	-1.62e-003	-0.14	-1.39e-003	0.14	-1.70	6.82e-002
	251	-1.08e-003	-0.14	-1.08e-003	7.00e-002	-1.66	7.45e-002
	248	-1.08e-003	-0.14	-1.28e-003	1.36e-002	-1.67	0.11
722	178	-2.06e-003	-0.14	-2.03e-003	0.15	-1.79	0.15
	189	-2.06e-003	-0.14	-1.70e-003	0.36	-1.83	5.32e-002
	250	-1.62e-003	-0.14	-1.64e-003	0.17	-1.76	2.78e-002
	247	-1.62e-003	-0.14	-1.96e-003	8.82e-002	-1.76	0.12
723	245	-4.38e-004	-0.14	-1.02e-003	-4.51e-002	-1.66	0.11
	249	-4.38e-004	-0.14	-7.59e-004	-1.10e-002	-1.65	0.11
	203	-3.59e-004	-0.14	-7.00e-004	-1.21e-002	-1.65	0.11
	246	-3.59e-004	-0.14	-9.61e-004	-4.15e-002	-1.64	0.11
724	244	-6.42e-004	-0.14	-1.59e-003	-7.49e-002	-1.67	0.11
	248	-6.42e-004	-0.14	-1.20e-003	-7.10e-003	-1.66	0.11
	249	-4.38e-004	-0.14	-9.32e-004	-1.80e-002	-1.65	0.11
	245	-4.38e-004	-0.14	-1.32e-003	-4.39e-002	-1.63	0.10
725	243	-1.00e-003	-0.14	-2.53e-003	-0.10	-1.72	0.13
	247	-1.00e-003	-0.14	-1.90e-003	3.32e-002	-1.71	0.13
	248	-6.42e-004	-0.14	-1.44e-003	-1.84e-002	-1.66	0.11
	244	-6.42e-004	-0.14	-2.07e-003	-6.41e-002	-1.63	0.11
726	188	-1.27e-003	-0.14	-3.53e-003	-0.16	-1.77	0.19
	178	-1.27e-003	-0.14	-2.53e-003	0.13	-1.81	0.18
	247	-1.00e-003	-0.14	-2.28e-003	2.19e-002	-1.74	0.12
	243	-1.00e-003	-0.14	-3.28e-003	-7.98e-002	-1.69	0.13
727	242	-1.80e-004	-0.13	-5.62e-004	-7.84e-002	-1.56	0.10
	245	-1.80e-004	-0.14	-1.10e-003	-6.56e-002	-1.67	0.12
	246	-2.00e-004	-0.14	-1.01e-003	-2.94e-002	-1.64	0.12
	199	-2.00e-004	-0.13	-4.77e-004	-7.39e-002	-1.73	9.47e-002
728	241	-3.63e-004	-0.13	-9.04e-004	-0.10	-1.53	0.11
	244	-3.63e-004	-0.14	-1.67e-003	-0.10	-1.66	0.13
	245	-1.80e-004	-0.14	-1.40e-003	-4.34e-002	-1.64	0.11
	242	-1.80e-004	-0.13	-6.31e-004	-0.11	-1.75	0.10
729	240	-5.47e-004	-0.13	-1.32e-003	-0.17	-1.49	0.13
	243	-5.47e-004	-0.14	-2.53e-003	-0.16	-1.70	0.16
	244	-3.63e-004	-0.14	-2.15e-003	-6.16e-002	-1.64	0.13
	241	-3.63e-004	-0.13	-9.46e-004	-0.17	-1.80	0.10
730	174	-7.38e-004	-0.14	-2.12e-003	-0.34	-1.43	0.15
	188	-7.38e-004	-0.14	-3.95e-003	-0.25	-1.75	0.21
	243	-5.47e-004	-0.14	-3.28e-003	-7.98e-002	-1.70	0.17
	240	-5.47e-004	-0.14	-1.44e-003	-0.32	-1.97	0.11
731	237	1.34e-004	-7.48e-002	-8.78e-004	-7.21e-002	0.11	6.57e-002
	242	1.34e-004	-0.13	-6.15e-004	-8.53e-002	8.50e-002	8.11e-002
	199	2.58e-004	-0.13	-5.06e-004	-7.81e-002	0.16	8.79e-002
	239	2.58e-004	-7.48e-002	-7.69e-004	-6.03e-002	0.12	7.25e-002
732	235	2.68e-004	-7.52e-002	-8.99e-004	-0.11	9.02e-002	3.68e-002
	241	2.68e-004	-0.13	-8.19e-004	-0.13	5.86e-002	6.82e-002
	242	1.34e-004	-0.13	-7.84e-004	-8.83e-002	0.17	8.35e-002
	237	1.34e-004	-7.52e-002	-8.64e-004	-0.10	0.11	5.21e-002
733	233	7.97e-005	-7.57e-002	-1.34e-003	-0.18	4.54e-002	-1.75e-002
	240	7.97e-005	-0.13	-1.32e-003	-0.23	1.55e-002	4.42e-002

	241	2.68e-004	-0.13	-9.97e-004	-0.14	0.19	7.55e-002
	235	2.68e-004	-7.57e-002	-1.01e-003	-0.15	0.10	1.38e-002
734	187	2.21e-003	-7.70e-002	-1.04e-003	-0.28	-3.53e-002	-9.19e-002
	174	2.21e-003	-0.14	-1.67e-003	-0.43	-0.10	1.33e-002
	240	7.97e-005	-0.14	-1.70e-003	-0.27	0.20	5.47e-002
	233	7.97e-005	-7.70e-002	-1.08e-003	-0.24	4.88e-002	-5.06e-002
735	238	7.41e-004	-1.49e-002	2.68e-004	-6.29e-003	7.40e-002	3.78e-002
	237	7.41e-004	-7.48e-002	-7.44e-004	-6.24e-002	0.10	4.75e-002
	239	9.79e-005	-7.48e-002	-4.71e-004	-4.72e-002	0.10	6.19e-002
	198	9.79e-005	-1.49e-002	5.41e-004	-9.47e-003	8.10e-002	5.22e-002
736	236	-8.27e-006	-1.58e-002	-1.43e-004	-1.83e-002	3.45e-002	-1.08e-002
	235	-8.27e-006	-7.52e-002	-4.46e-004	-8.79e-002	9.09e-002	3.50e-003
	237	7.41e-004	-7.52e-002	-7.31e-004	-5.94e-002	9.16e-002	4.14e-002
	238	7.41e-004	-1.58e-002	-4.28e-004	-1.99e-002	6.69e-002	2.71e-002
737	234	8.99e-004	-1.65e-002	-1.39e-005	-2.55e-002	-3.47e-002	-8.30e-002
	233	8.99e-004	-7.57e-002	-1.17e-003	-0.13	5.27e-002	-6.53e-002
	235	-8.27e-006	-7.57e-002	-5.61e-004	-0.10	6.03e-002	-6.23e-003
	236	-8.27e-006	-1.65e-002	5.95e-004	-2.84e-002	2.16e-002	-2.39e-002
738	173	-7.69e-005	-1.71e-002	3.93e-004	-3.37e-002	-0.13	-0.18
	187	-7.69e-005	-7.70e-002	5.71e-004	-0.18	-5.25e-003	-0.16
	233	8.99e-004	-7.70e-002	-9.06e-004	-0.14	-1.19e-002	-8.23e-002
	234	8.99e-004	-1.71e-002	-1.08e-003	-3.32e-002	-5.51e-002	-0.10
739	228	7.16e-004	-2.33e-002	5.63e-004	2.60e-002	-3.11e-003	8.02e-002
	232	7.16e-004	-8.35e-002	-3.62e-004	1.04e-002	1.44e-002	7.07e-002
	197	6.73e-005	-8.35e-002	-4.42e-004	1.05e-002	0.12	8.75e-002
	229	6.73e-005	-2.33e-002	4.83e-004	1.42e-002	8.34e-002	0.10
740	227	8.85e-006	-2.38e-002	7.50e-004	9.52e-003	-0.12	3.35e-002
	231	8.85e-006	-8.44e-002	3.45e-004	1.55e-002	-0.11	3.42e-002
	232	7.16e-004	-8.44e-002	2.11e-004	1.50e-002	-2.70e-002	6.29e-002
	228	7.16e-004	-2.38e-002	6.16e-004	1.13e-002	-7.14e-002	6.22e-002
741	226	4.42e-004	-2.44e-002	5.87e-004	1.08e-002	-0.13	2.36e-002
	230	4.42e-004	-8.49e-002	-6.76e-004	9.96e-003	-0.14	2.16e-002
	231	8.85e-006	-8.49e-002	-2.63e-004	3.39e-003	-0.11	2.64e-002
	227	8.85e-006	-2.44e-002	1.00e-003	1.37e-002	-0.12	2.84e-002
742	186	-1.51e-004	-2.42e-002	2.63e-003	6.56e-002	-0.18	3.92e-002
	172	-1.51e-004	-8.64e-002	1.11e-003	3.53e-002	-0.17	2.18e-003
	230	4.42e-004	-8.64e-002	-4.26e-004	1.45e-002	-0.14	7.24e-003
	226	4.42e-004	-2.42e-002	1.09e-003	1.71e-002	-0.14	4.43e-002
743	225	3.54e-004	3.68e-002	6.94e-004	-0.14	-0.14	2.21e-003
	228	3.54e-004	-2.33e-002	7.78e-004	7.61e-002	-5.20e-002	5.69e-002
	229	2.80e-004	-2.33e-002	1.12e-003	2.20e-002	8.63e-002	0.10
	196	2.80e-004	3.68e-002	1.04e-003	-2.23e-002	2.65e-002	4.92e-002
744	224	3.22e-004	3.63e-002	5.71e-004	-0.12	-0.17	3.16e-002
	227	3.22e-004	-2.38e-002	8.32e-004	1.87e-002	-0.14	2.82e-002
	228	3.54e-004	-2.38e-002	8.30e-004	4.97e-002	-8.31e-002	3.37e-002
	225	3.54e-004	3.63e-002	5.69e-004	-0.15	-6.37e-002	3.71e-002
745	223	2.42e-004	3.72e-002	5.25e-004	-1.34e-002	-0.12	7.22e-002
	226	2.42e-004	-2.44e-002	1.12e-003	-1.08e-002	-0.12	3.63e-002
	227	3.22e-004	-2.44e-002	1.08e-003	-9.49e-003	-0.13	8.01e-003
	224	3.22e-004	3.72e-002	4.90e-004	-8.21e-002	-6.88e-002	4.40e-002
746	171	-3.24e-003	3.82e-002	1.70e-004	-1.49e-002	-0.15	0.12
	186	-3.24e-003	-2.42e-002	1.67e-003	8.06e-002	-0.17	8.39e-002
	226	2.42e-004	-2.42e-002	1.62e-003	-1.38e-002	-0.14	3.51e-002
	223	2.42e-004	3.82e-002	1.21e-004	1.03e-002	-5.26e-002	7.21e-002
747	220	1.69e-003	3.53e-002	1.98e-003	-8.04e-002	1.83	-0.10
	225	1.69e-003	3.68e-002	1.67e-004	-0.18	1.84	1.68e-002
	196	1.79e-004	3.68e-002	1.49e-003	-0.13	1.62	-0.10
	222	1.79e-004	3.53e-002	3.30e-003	8.80e-002	1.87	-0.21
748	218	-6.72e-005	3.87e-002	1.15e-004	-6.33e-002	1.68	8.71e-002
	224	-6.72e-005	3.63e-002	3.99e-004	-0.13	1.74	5.73e-002

	225	1.69e-003	3.63e-002	3.25e-004	-0.20	1.60	2.00e-003
	220	1.69e-003	3.87e-002	4.07e-005	-7.45e-002	1.73	3.18e-002
749	216	-1.86e-004	3.92e-002	1.15e-004	-4.05e-002	1.76	0.12
	223	-1.86e-004	3.72e-002	1.70e-004	-3.08e-002	1.75	9.22e-002
	224	-6.72e-005	3.72e-002	3.67e-004	-0.10	1.65	6.87e-002
	218	-6.72e-005	3.92e-002	3.11e-004	-4.78e-002	1.67	0.10
750	185	1.55e-003	3.98e-002	5.03e-004	-4.77e-002	1.76	0.10
	171	1.55e-003	3.82e-002	7.61e-004	-3.57e-002	1.69	0.10
	223	-1.86e-004	3.82e-002	1.94e-004	1.08e-002	1.88	0.11
	216	-1.86e-004	3.98e-002	-6.32e-005	-6.90e-002	1.81	0.10
751	221	4.21e-004	4.93e-002	-5.06e-003	2.28e-002	1.78	3.28e-003
	220	4.21e-004	3.53e-002	1.24e-003	-4.89e-002	2.00	-5.81e-002
	222	1.04e-003	3.53e-002	1.30e-003	-0.40	1.93	-0.35
	205	1.04e-003	4.93e-002	-4.99e-003	0.25	2.74	-0.28
752	219	1.03e-004	4.12e-002	3.19e-004	-2.04e-003	1.66	0.10
	218	1.03e-004	3.87e-002	1.69e-004	-2.83e-002	1.68	0.10
	220	4.21e-004	3.87e-002	-7.03e-004	3.10e-003	1.78	4.54e-002
	221	4.21e-004	4.12e-002	-5.53e-004	-4.50e-002	1.86	4.94e-002
753	217	1.37e-005	4.09e-002	-2.89e-004	-9.96e-003	1.73	0.10
	216	1.37e-005	3.92e-002	-6.89e-005	-3.12e-002	1.75	0.11
	218	1.03e-004	3.92e-002	3.66e-004	-1.43e-002	1.69	0.11
	219	1.03e-004	4.09e-002	1.46e-004	-1.49e-002	1.71	0.10
754	180	-1.33e-003	4.08e-002	1.05e-004	-2.22e-002	1.85	0.10
	185	-1.33e-003	3.98e-002	5.32e-005	-2.74e-002	1.78	0.10
	216	1.37e-005	3.98e-002	-2.47e-004	-2.97e-002	1.80	9.20e-002
	217	1.37e-005	4.08e-002	-1.95e-004	-1.62e-002	1.74	9.07e-002
755	210	2.31e-004	2.53e-002	-1.21e-003	-6.88e-002	1.89	5.70e-002
	215	2.31e-004	4.67e-002	5.97e-003	4.12e-003	1.70	-2.35e-002
	204	2.33e-003	4.67e-002	5.44e-003	0.20	2.57	0.26
	212	2.33e-003	2.53e-002	-1.73e-003	-0.42	1.79	0.34
756	208	8.47e-005	2.95e-002	4.04e-004	-6.40e-002	1.79	-0.12
	214	8.47e-005	3.69e-002	-2.23e-004	1.93e-002	1.78	-0.13
	215	2.31e-004	3.69e-002	6.15e-004	-4.73e-002	1.79	-6.75e-002
	210	2.31e-004	2.95e-002	1.24e-003	-1.91e-002	1.70	-6.01e-002
757	206	2.71e-004	3.12e-002	5.75e-004	-0.14	2.25	-7.30e-002
	213	2.71e-004	3.45e-002	3.30e-004	-2.85e-003	2.13	-4.45e-002
	214	8.47e-005	3.45e-002	-1.08e-005	-3.69e-002	2.01	-0.12
	208	8.47e-005	3.12e-002	2.35e-004	-2.49e-002	1.99	-0.14
758	184	-9.15e-004	3.19e-002	-3.26e-004	-9.28e-002	2.00	0.14
	179	-9.15e-004	3.36e-002	-2.93e-004	-5.73e-002	2.05	0.14
	213	2.71e-004	3.36e-002	3.24e-004	-4.92e-002	2.20	2.38e-002
	206	2.71e-004	3.19e-002	2.91e-004	-0.11	2.40	2.77e-002
759	211	1.94e-003	1.94e-002	-4.67e-004	-0.27	1.68	1.96e-002
	210	1.94e-003	2.53e-002	-2.18e-003	-0.12	1.72	0.10
	212	4.38e-004	2.53e-002	-3.70e-003	8.08e-003	1.73	0.23
	201	4.38e-004	1.94e-002	-1.99e-003	-0.25	1.51	0.15
760	209	-1.18e-004	2.10e-002	-1.44e-003	-0.20	1.79	-6.87e-002
	208	-1.18e-004	2.95e-002	-2.86e-004	-2.46e-002	1.79	-0.12
	210	1.94e-003	2.95e-002	2.71e-004	-0.10	1.63	-3.91e-002
	211	1.94e-003	2.10e-002	-8.80e-004	-0.29	1.52	1.39e-002
761	207	-2.66e-004	2.84e-002	-8.48e-004	6.70e-002	2.62	-1.97e-002
	206	-2.66e-004	3.12e-002	6.29e-005	-0.14	2.33	-5.64e-002
	208	-1.18e-004	3.12e-002	-4.55e-004	-6.09e-002	1.96	-0.14
	209	-1.18e-004	2.84e-002	-1.37e-003	-0.12	1.79	-0.10
762	176	1.30e-003	3.19e-002	2.65e-005	0.10	2.52	0.18
	184	1.30e-003	3.19e-002	9.96e-005	-0.34	2.06	0.24
	206	-2.66e-004	3.19e-002	-2.21e-004	-0.10	2.46	5.76e-002
	207	-2.66e-004	3.19e-002	-2.94e-004	1.24e-002	2.24	5.26e-003
763	149	-1.83e-004	-0.15	6.97e-003	-0.33	-2.03	-0.55
	38	-1.83e-004	-0.15	4.83e-003	-0.62	-1.42	-0.34

	169	-9.19e-004	-0.15	2.82e-003	-0.44	-2.36	-0.36
	193	-9.19e-004	-0.15	4.96e-003	0.17	-1.72	-0.57
764	54	-1.43e-003	-0.14	3.63e-003	0.40	-1.99	-0.52
	149	-1.43e-003	-0.15	5.77e-003	-6.08e-002	-2.02	-0.52
	193	-1.49e-003	-0.15	4.78e-003	4.12e-002	-1.70	-0.47
	177	-1.49e-003	-0.14	2.63e-003	0.30	-1.80	-0.47
765	157	-1.87e-003	-0.14	2.18e-003	0.74	-1.90	-0.31
	54	-1.87e-003	-0.14	2.80e-003	0.55	-1.92	-0.47
	177	-2.16e-003	-0.14	1.85e-003	0.32	-1.86	-0.43
	190	-2.16e-003	-0.14	1.23e-003	0.50	-1.92	-0.27
766	162	-1.89e-003	-0.14	-1.14e-003	0.76	-1.85	4.50e-004
	157	-1.89e-003	-0.14	2.66e-004	0.81	-1.88	-0.20
	190	-2.28e-003	-0.14	3.50e-004	0.48	-1.94	-0.22
	189	-2.28e-003	-0.14	-1.06e-003	0.49	-1.95	-1.42e-002
767	55	-1.72e-003	-0.14	-3.38e-003	0.40	-1.80	0.26
	162	-1.72e-003	-0.14	-2.98e-003	0.69	-1.86	0.11
	189	-2.06e-003	-0.14	-1.82e-003	0.41	-1.93	3.45e-002
	178	-2.06e-003	-0.14	-2.22e-003	0.24	-1.88	0.18
768	28	-1.14e-003	-0.14	-5.72e-003	-0.24	-1.77	0.33
	55	-1.14e-003	-0.14	-3.96e-003	0.26	-1.83	0.32
	178	-1.27e-003	-0.14	-2.72e-003	0.11	-1.83	0.20
	188	-1.27e-003	-0.14	-4.48e-003	-0.12	-1.74	0.21
769	47	-1.80e-004	-0.14	-3.63e-003	-0.81	-1.49	0.18
	28	-1.80e-004	-0.14	-5.98e-003	-0.39	-1.77	0.32
	188	-7.38e-004	-0.14	-4.90e-003	-0.22	-1.73	0.24
	174	-7.38e-004	-0.14	-2.54e-003	-0.55	-1.93	0.11
770	141	1.51e-003	-8.10e-002	-5.99e-003	-0.39	-0.20	-0.22
	47	1.51e-003	-0.14	-3.48e-003	-0.87	-0.33	-4.13e-002
	174	2.21e-003	-0.14	-1.67e-003	-0.48	0.29	4.40e-002
	187	2.21e-003	-8.10e-002	-4.19e-003	-0.41	-4.06e-003	-0.14
771	46	2.77e-003	-8.81e-003	5.84e-003	7.76e-002	-8.95e-002	-0.20
	141	2.77e-003	-8.10e-002	-4.47e-003	-0.18	-8.45e-002	-0.24
	187	-7.69e-005	-8.10e-002	-2.57e-003	-0.19	-0.11	-0.20
	173	-7.69e-005	-8.81e-003	7.75e-003	-4.14e-003	-0.19	-0.16
772	130	-2.50e-003	-1.75e-002	-2.23e-003	0.19	-0.15	0.13
	45	-2.50e-003	-0.11	1.22e-002	0.20	-0.34	1.64e-002
	172	-1.51e-004	-0.11	1.18e-002	4.82e-002	-0.16	-4.72e-002
	186	-1.51e-004	-1.75e-002	-2.60e-003	0.11	-0.24	6.84e-002
773	44	-1.46e-003	3.66e-002	-3.00e-003	-8.45e-004	4.21e-004	0.16
	130	-1.46e-003	-1.75e-002	-6.87e-003	0.13	-0.14	0.15
	186	-3.24e-003	-1.75e-002	-3.56e-003	0.11	-0.20	0.10
	171	-3.24e-003	3.66e-002	3.02e-004	-1.47e-002	-0.26	0.11
774	122	6.99e-004	3.63e-002	-4.53e-003	-5.93e-002	1.70	0.14
	44	6.99e-004	3.66e-002	-2.84e-003	-4.39e-002	1.71	0.15
	171	1.55e-003	3.66e-002	1.67e-004	-4.90e-002	1.81	0.12
	185	1.55e-003	3.63e-002	-1.53e-003	-3.44e-002	1.85	0.11
775	57	1.70e-003	4.75e-002	6.39e-003	0.15	2.06	0.19
	122	1.70e-003	3.63e-002	-1.29e-003	-0.26	1.75	0.21
	185	-1.33e-003	3.63e-002	-1.98e-003	-2.70e-002	1.86	0.12
	180	-1.33e-003	4.75e-002	5.71e-003	-4.69e-002	1.65	0.11
776	101	5.25e-004	2.90e-002	9.23e-004	-0.28	1.09	3.80e-002
	56	5.25e-004	3.99e-002	-4.90e-003	-1.59e-002	1.54	8.08e-002
	179	-9.15e-004	3.99e-002	-4.67e-003	-3.23e-002	1.49	0.20
	184	-9.15e-004	2.90e-002	1.15e-003	-0.12	1.80	0.15
777	49	5.32e-004	2.58e-002	2.05e-003	-0.31	1.19	5.55e-002
	101	5.32e-004	2.90e-002	3.06e-003	-0.23	1.02	0.13
	184	1.30e-003	2.90e-002	1.57e-003	1.17e-002	1.77	0.27
	176	1.30e-003	2.58e-002	5.64e-004	-0.31	1.43	0.19
778	85	4.74e-003	1.28e-003	6.40e-003	-0.12	-0.15	-1.03e-002
	49	4.74e-003	2.58e-002	4.71e-004	-0.36	-7.39e-002	3.09e-002

	176	-1.42e-003	2.58e-002	3.02e-003	-0.24	-0.33	1.16e-002
	183	-1.42e-003	1.28e-003	8.95e-003	-5.54e-002	-0.24	-2.96e-002
779	48	3.89e-003	-2.35e-002	-1.40e-002	0.14	-0.21	-1.13e-002
	85	3.89e-003	1.28e-003	1.81e-003	-0.13	-0.15	-2.94e-002
	183	-5.88e-003	1.28e-003	6.60e-003	-6.95e-002	-0.21	-3.85e-002
	175	-5.88e-003	-2.35e-002	-9.16e-003	3.53e-002	-0.13	-2.04e-002
780	93	8.69e-004	-6.16e-003	-1.59e-002	0.32	-0.32	0.12
	48	8.69e-004	-2.35e-002	-1.59e-002	0.17	-0.18	-1.34e-002
	175	8.69e-003	-2.35e-002	-2.08e-002	5.57e-002	-0.15	3.52e-002
	182	8.69e-003	-6.16e-003	-2.07e-002	0.13	-0.10	0.17
781	39	-2.71e-003	-6.35e-002	1.52e-002	0.13	-0.30	0.27
	93	-2.71e-003	-6.16e-003	-9.80e-003	0.29	-0.35	0.17
	182	5.28e-002	-6.16e-003	-4.38e-003	0.14	-0.12	0.27
	170	5.28e-002	-6.35e-002	2.06e-002	6.13e-002	-0.35	0.37
782	77	-5.07e-004	-0.13	7.22e-003	-0.48	-0.47	0.20
	39	-5.07e-004	-6.35e-002	2.35e-002	7.84e-003	-0.39	0.32
	170	5.80e-003	-6.35e-002	1.71e-002	-2.88e-002	-0.30	0.23
	181	5.80e-003	-0.13	7.99e-004	-0.13	-8.69e-002	0.11
783	38	5.55e-003	-0.15	8.38e-003	-1.00	-0.64	-0.12
	77	5.55e-003	-0.13	5.65e-003	-0.35	-0.49	9.13e-002
	181	3.44e-004	-0.13	-4.04e-004	-0.24	-5.85e-002	2.68e-002
	169	3.44e-004	-0.15	2.32e-003	-0.16	0.15	-0.19
784	17	3.02e-003	-0.13	6.99e-003	0.87	1.63	0.53
	144	3.02e-003	-0.14	4.78e-003	1.66	1.24	0.26
	47	-1.80e-004	-0.14	4.06e-003	1.14	1.75	0.10
	28	-1.80e-004	-0.13	6.27e-003	0.46	1.54	0.38
785	165	1.12e-003	-0.13	4.28e-003	-0.39	1.43	0.38
	17	1.12e-003	-0.13	4.95e-003	7.41e-002	1.55	0.45
	28	-1.14e-003	-0.13	6.00e-003	0.22	1.62	0.40
	55	-1.14e-003	-0.13	5.33e-003	-0.30	1.79	0.33
786	161	1.99e-003	-0.13	1.66e-003	-1.01	1.21	8.55e-002
	165	1.99e-003	-0.13	2.57e-003	-0.92	1.33	0.29
	55	-1.72e-003	-0.13	4.74e-003	-0.48	1.86	0.31
	162	-1.72e-003	-0.13	3.83e-003	-0.84	1.95	0.11
787	156	8.75e-004	-0.13	-1.03e-003	-1.23	1.21	-0.14
	161	8.75e-004	-0.13	2.02e-003	-1.21	1.18	6.38e-002
	162	-1.89e-003	-0.13	2.00e-003	-0.90	1.96	2.02e-002
	157	-1.89e-003	-0.13	-1.05e-003	-0.93	1.99	-0.18
788	152	1.98e-003	-0.14	-1.88e-003	-1.02	1.44	-0.35
	156	1.98e-003	-0.13	-8.10e-004	-1.08	1.27	-0.16
	157	-1.87e-003	-0.13	-2.96e-003	-0.91	2.00	-0.27
	54	-1.87e-003	-0.14	-4.03e-003	-0.61	1.98	-0.47
789	148	1.42e-003	-0.14	-5.14e-003	-3.15e-002	1.69	-0.49
	152	1.42e-003	-0.14	-4.04e-003	-0.51	1.57	-0.45
	54	-1.43e-003	-0.14	-4.86e-003	-0.45	1.94	-0.48
	149	-1.43e-003	-0.14	-5.96e-003	6.70e-002	1.86	-0.53
790	76	3.15e-003	-0.15	-6.23e-003	1.67	1.27	-0.26
	148	3.15e-003	-0.14	-7.62e-003	0.77	1.79	-0.56
	149	-1.83e-004	-0.14	-7.16e-003	0.26	1.86	-0.53
	38	-1.83e-004	-0.15	-5.77e-003	1.21	2.35	-0.24
791	140	1.39e-003	-8.44e-002	-6.56e-003	-0.23	-0.48	-0.37
	144	1.39e-003	-0.14	-3.26e-003	-1.77	-0.65	-0.15
	47	1.51e-003	-0.14	-3.77e-003	-0.98	0.31	1.94e-002
	141	1.51e-003	-8.44e-002	-7.06e-003	-0.55	-0.17	-0.20
792	133	1.74e-005	-3.58e-002	8.07e-003	0.58	-4.23e-002	6.94e-002
	140	1.74e-005	-8.44e-002	-3.89e-003	0.13	-0.17	-0.20
	141	2.77e-003	-8.44e-002	-5.55e-003	-0.17	-0.35	-0.33
	46	2.77e-003	-3.52e-002	6.19e-003	0.26	-0.29	-2.84e-002
793	129	1.32e-003	-1.37e-002	-3.48e-003	0.21	0.21	0.31
	133	1.32e-003	-4.26e-002	1.38e-002	0.50	-4.09e-003	0.23

	45	-2.50e-003	-4.27e-002	1.33e-002	0.25	-0.23	6.27e-002
	130	-2.50e-003	-1.37e-002	-3.72e-003	0.24	-0.10	0.16
794	125	1.64e-003	3.37e-002	-2.36e-003	-5.27e-002	0.44	0.21
	129	1.64e-003	-1.37e-002	-7.23e-003	-8.48e-003	0.19	0.30
	130	-1.46e-003	-1.37e-002	-8.36e-003	0.15	-3.64e-003	0.22
	44	-1.46e-003	3.37e-002	-3.49e-003	-2.71e-003	-8.77e-002	0.12
795	121	-5.15e-004	3.03e-002	-4.09e-003	-0.10	0.93	6.02e-002
	125	-5.15e-004	3.37e-002	-2.26e-003	-0.17	0.97	0.11
	44	6.99e-004	3.37e-002	-3.46e-003	3.36e-003	1.40	0.16
	122	6.99e-004	3.03e-002	-5.29e-003	-0.11	1.38	0.11
796	117	1.88e-003	1.94e-002	5.55e-003	-9.03e-002	0.81	-1.40e-002
	121	1.88e-003	3.03e-002	-2.02e-003	-6.26e-002	0.89	-2.32e-003
	122	1.70e-003	3.03e-002	-2.05e-003	5.14e-002	1.32	0.21
	57	1.70e-003	1.94e-002	5.52e-003	-0.17	1.14	0.20
797	113	2.33e-003	2.49e-003	1.54e-003	-2.54e-002	0.86	-5.71e-002
	117	2.33e-003	1.94e-002	6.10e-003	8.43e-003	0.75	-2.98e-002
	57	-4.57e-003	1.94e-002	9.08e-003	-3.31e-002	9.96e-001	0.36
	114	-4.57e-003	2.49e-003	4.52e-003	0.10	0.38	0.33
798	108	5.59e-003	2.27e-003	7.46e-004	-2.22e-002	0.76	-7.23e-002
	113	5.59e-003	2.49e-003	6.57e-004	2.44e-002	0.82	1.26e-003
	114	-1.19e-002	2.49e-003	-4.02e-005	0.12	0.27	5.69e-002
	109	-1.19e-002	2.27e-003	4.80e-005	0.10	0.25	-1.67e-002
799	104	2.36e-003	1.65e-002	-4.78e-003	-9.23e-002	0.61	4.91e-003
	108	2.36e-003	2.27e-003	-7.19e-004	-4.36e-002	0.77	-1.39e-002
	109	-6.53e-003	2.27e-003	-3.36e-003	2.82e-002	0.29	-0.24
	56	-6.53e-003	1.65e-002	-7.43e-003	-0.22	0.74	-0.22
800	100	1.62e-003	2.53e-002	1.03e-003	-0.20	0.62	-1.84e-002
	104	1.62e-003	1.65e-002	-4.79e-003	-0.12	0.61	-9.40e-003
	56	5.25e-004	1.65e-002	-4.40e-003	-0.24	0.83	-4.35e-002
	101	5.25e-004	2.53e-002	1.43e-003	-5.75e-002	0.85	-5.26e-002
801	88	-4.39e-004	2.56e-002	-3.59e-004	-0.37	0.85	-3.49e-002
	100	-4.39e-004	2.53e-002	1.52e-003	-0.24	0.65	-2.50e-002
	101	5.32e-004	2.53e-002	3.56e-003	-0.17	0.82	2.49e-002
	49	5.32e-004	2.56e-002	1.68e-003	-0.41	0.55	1.51e-002
802	84	6.04e-005	1.12e-002	-8.23e-004	-0.24	0.18	-5.40e-002
	88	6.04e-005	2.56e-002	-1.89e-003	-0.35	0.12	-5.99e-002
	49	4.74e-003	2.56e-002	-3.33e-004	-0.38	2.95e-002	-2.95e-002
	85	4.74e-003	1.12e-002	7.34e-004	-0.23	-5.57e-002	-2.36e-002
803	96	-2.24e-003	-8.59e-003	-8.34e-003	5.95e-002	0.11	-0.14
	84	-2.24e-003	1.12e-002	-1.85e-003	-0.13	0.17	-0.11
	85	3.89e-003	1.12e-002	-3.86e-003	-8.50e-002	-6.36e-002	-2.44e-002
	48	3.89e-003	-8.59e-003	-1.03e-002	0.10	-0.14	-5.43e-002
804	92	-3.39e-003	-3.02e-002	-6.43e-003	0.46	-7.90e-002	-0.12
	96	-3.39e-003	-8.59e-003	-7.74e-003	0.25	0.10	-0.18
	48	8.69e-004	-8.59e-003	-1.23e-002	0.25	-0.20	-1.31e-002
	93	8.69e-004	-3.02e-002	-1.10e-002	0.33	-0.30	4.05e-002
805	80	-2.19e-003	-7.04e-002	6.45e-003	0.51	-0.30	0.13
	92	-2.19e-003	-3.02e-002	-3.24e-003	0.51	-0.11	-6.51e-002
	93	-2.71e-003	-3.02e-002	-4.96e-003	0.40	-0.40	0.10
	39	-2.71e-003	-7.04e-002	4.73e-003	0.16	-0.48	0.29
806	75	-1.70e-003	-0.12	8.38e-003	-0.58	-0.67	0.34
	80	-1.70e-003	-7.04e-002	7.68e-003	0.20	-0.46	0.29
	39	-5.07e-004	-7.04e-002	1.31e-002	-4.58e-002	-0.43	0.23
	77	-5.07e-004	-0.12	1.38e-002	-0.47	-0.13	0.29
807	76	2.93e-003	-0.15	6.53e-003	-2.21	-1.04	1.85e-002
	75	2.93e-003	-0.12	1.00e-002	-0.94	-0.81	0.31
	77	5.55e-003	-0.12	1.22e-002	-0.85	-1.63e-002	0.17
	38	5.55e-003	-0.15	8.69e-003	-0.97	0.34	-0.12

SFORZI "Neve" (Fase 1)

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
206	230	3.29e-002	0.00	0.00	0.00	0.00	0.00
	234	-3.29e-002	0.00	0.00	0.00	0.00	0.00
207	232	6.74e-002	0.00	0.00	0.00	0.00	0.00
	238	-6.74e-002	0.00	0.00	0.00	0.00	0.00
208	319	-7.14e-002	0.00	0.00	0.00	0.00	0.00
	322	7.14e-002	0.00	0.00	0.00	0.00	0.00
209	285	-0.54	0.00	0.00	0.00	0.00	0.00
	286	0.54	0.00	0.00	0.00	0.00	0.00
210	456	-0.64	0.00	0.00	0.00	0.00	0.00
	470	0.64	0.00	0.00	0.00	0.00	0.00
211	458	-0.38	0.00	0.00	0.00	0.00	0.00
	474	0.38	0.00	0.00	0.00	0.00	0.00
212	460	-3.07e-002	0.00	0.00	0.00	0.00	0.00
	478	3.07e-002	0.00	0.00	0.00	0.00	0.00
213	462	0.15	0.00	0.00	0.00	0.00	0.00
	482	-0.15	0.00	0.00	0.00	0.00	0.00
214	464	-0.21	0.00	0.00	0.00	0.00	0.00
	486	0.21	0.00	0.00	0.00	0.00	0.00
215	12	-1.06	0.00	0.00	0.00	0.00	0.00
	16	1.06	0.00	0.00	0.00	0.00	0.00
216	466	-1.54	0.00	0.00	0.00	0.00	0.00
	490	1.54	0.00	0.00	0.00	0.00	0.00
371	137	2.10	0.00	0.00	0.00	0.00	0.00
	135	-2.10	0.00	0.00	0.00	0.00	0.00
11	681	0.11	9.28e-002	9.41e-004	0.29	-1.70e-002	-763.47
	63	-0.11	-9.28e-002	-9.41e-004	-0.29	-5.68e-002	770.75
12	66	0.11	9.09e-002	-1.02e-004	0.29	8.69e-003	-756.32
	681	-0.11	-9.09e-002	1.02e-004	-0.29	-6.98e-004	763.46
13	681	0.13	7.56e-002	-9.30e-004	-0.29	1.66e-002	-763.71
	65	-0.13	-7.56e-002	9.30e-004	0.29	5.64e-002	769.65
14	64	0.13	7.75e-002	1.16e-004	-0.29	-1.02e-002	-757.62
	681	-0.13	-7.75e-002	-1.16e-004	0.29	1.09e-003	763.70
15	679	59.35	-8.46e-002	-1.03e-002	0.00	1.75	-14.38
	627	-59.35	8.46e-002	1.03e-002	0.00	-0.62	5.08
16	20	59.35	-8.46e-002	-1.03e-002	-5.55e-017	2.48	-20.31
	679	-59.35	8.46e-002	1.03e-002	5.55e-017	-1.75	14.38
17	678	59.56	-1.87e-002	7.15e-003	0.00	-1.22	-3.19
	625	-59.56	1.87e-002	-7.15e-003	0.00	0.43	1.12
18	10	59.56	-1.87e-002	7.15e-003	-2.78e-017	-1.72	-4.50
	678	-59.56	1.87e-002	-7.15e-003	2.78e-017	1.22	3.19
19	627	59.35	-8.46e-002	-1.03e-002	0.00	0.62	-5.08
	710	-59.35	8.46e-002	1.03e-002	0.00	0.00	0.00
20	625	59.56	-1.87e-002	7.15e-003	0.00	-0.43	-1.12
	60	-59.56	1.87e-002	-7.15e-003	0.00	0.00	0.00
21	138	-15.95	-0.14	-3.91e-002	0.00	9.38	-34.64
	701	15.95	0.14	3.91e-002	0.00	0.00	0.00
22	134	-17.23	-4.04e-002	3.06e-002	0.00	-7.35	-9.69
	698	17.23	4.04e-002	-3.06e-002	0.00	0.00	0.00
23	624	1.15	47.58	4.99e-003	-3.23e-004	-0.29	793.10
	623	-1.15	47.62	-4.99e-003	3.23e-004	-0.27	-795.03
24	624	49.34	3.75	-2.79e-002	0.00	2.79	375.13

	703	-49.34	-3.75	2.79e-002	0.00	0.00	0.00
25	696	96.92	4.91	-3.28e-002	-0.29	7.38	268.88
	624	-96.92	-4.91	3.28e-002	0.29	-2.78	417.96
26	623	49.38	-3.76	-1.97e-002	0.00	1.97	-376.43
	702	-49.38	3.76	1.97e-002	0.00	0.00	0.00
27	697	97.00	-4.92	-1.47e-002	-0.27	4.02	-270.05
	623	-97.00	4.92	1.47e-002	0.27	-1.97	-418.61
28	166	-9.25e-002	5.85e-005	2.07e-014	1.80e-003	-0.19	-5.46e-002
	110	9.25e-002	-5.85e-005	-2.07e-014	-1.80e-003	0.19	5.92e-002
29	118	-9.25e-002	5.85e-005	2.09e-014	1.80e-003	-0.19	-4.99e-002
	166	9.25e-002	-5.85e-005	-2.09e-014	-1.80e-003	0.19	5.46e-002
30	158	2.35e-002	2.11e-007	2.01e-014	1.80e-003	4.13e-002	-6.31e-004
	69	-2.35e-002	-2.11e-007	-2.01e-014	-1.80e-003	-4.13e-002	6.48e-004
31	74	2.35e-002	2.11e-007	2.00e-014	1.80e-003	4.13e-002	-6.14e-004
	158	-2.35e-002	-2.11e-007	-2.00e-014	-1.80e-003	-4.13e-002	6.31e-004
32	153	-4.40e-003	-1.19e-008	1.54e-014	1.80e-003	-8.70e-003	-6.57e-006
	70	4.40e-003	1.19e-008	-1.54e-014	-1.80e-003	8.70e-003	5.62e-006
33	81	-4.40e-003	-1.19e-008	1.57e-014	1.80e-003	-8.70e-003	-7.52e-006
	153	4.40e-003	1.19e-008	-1.57e-014	-1.80e-003	8.70e-003	6.57e-006
34	145	9.30e-004	1.58e-007	1.05e-014	1.80e-003	1.87e-003	-6.83e-008
	73	-9.30e-004	-1.58e-007	-1.05e-014	-1.80e-003	-1.87e-003	1.27e-005
35	89	9.30e-004	1.58e-007	9.99e-015	1.80e-003	1.87e-003	1.26e-005
	145	-9.30e-004	-1.58e-007	-9.99e-015	-1.80e-003	-1.87e-003	6.83e-008
36	136	-1.57e-004	4.24e-005	6.64e-015	1.80e-003	-6.86e-004	-7.98e-010
	97	1.57e-004	-4.24e-005	-6.64e-015	-1.80e-003	6.86e-004	3.39e-003
37	105	-1.57e-004	4.24e-005	6.75e-015	1.80e-003	-6.86e-004	3.39e-003
	136	1.57e-004	-4.24e-005	-6.75e-015	-1.80e-003	6.86e-004	7.98e-010
38	118	-1.85e-013	-2.87e-005	1.99e-002	-2.79e-003	-1.08	-2.32e-003
	74	1.85e-013	2.87e-005	-1.99e-002	2.79e-003	-0.26	3.75e-004
39	579	-1.14e-013	2.98e-005	-7.26e-002	4.71e-002	0.00	0.00
	118	1.14e-013	-2.98e-005	7.26e-002	-4.71e-002	1.27	5.22e-004
40	110	-1.14e-013	2.87e-005	-1.99e-002	-4.06e-003	1.08	2.32e-003
	69	1.14e-013	-2.87e-005	1.99e-002	4.06e-003	0.26	-3.75e-004
41	516	-1.14e-013	-2.98e-005	7.26e-002	-6.33e-002	0.00	0.00
	110	1.14e-013	2.98e-005	-7.26e-002	6.33e-002	-1.27	-5.22e-004
42	105	-5.68e-014	-7.15e-005	4.33e-015	-8.67e-019	2.04e-014	-1.25e-003
	68	5.68e-014	7.15e-005	-4.33e-015	8.67e-019	-1.30e-013	0.00
43	89	-9.95e-014	-2.91e-005	-1.57e-004	-3.39e-003	9.93e-003	-1.42e-003
	105	9.95e-014	2.91e-005	1.57e-004	3.39e-003	6.86e-004	-5.46e-004
44	97	0.00	7.15e-005	-4.55e-015	-8.67e-019	7.37e-014	1.25e-003
	67	0.00	-7.15e-005	4.55e-015	8.67e-019	-7.99e-014	1.71e-013
45	73	-1.14e-013	2.91e-005	1.57e-004	-3.39e-003	-9.93e-003	1.42e-003
	97	1.14e-013	-2.91e-005	-1.57e-004	3.39e-003	-6.86e-004	5.46e-004
46	81	-1.28e-013	-2.89e-005	7.73e-004	-3.41e-003	-4.62e-002	-1.80e-003
	89	1.28e-013	2.89e-005	-7.73e-004	3.41e-003	-1.18e-002	-3.78e-004
47	74	-1.14e-013	-2.90e-005	-3.63e-003	-3.40e-003	0.22	-2.17e-003
	81	1.14e-013	2.90e-005	3.63e-003	3.40e-003	5.49e-002	-1.93e-006
48	70	-9.95e-014	2.89e-005	-7.73e-004	-3.41e-003	4.62e-002	1.80e-003
	73	9.95e-014	-2.89e-005	7.73e-004	3.41e-003	1.18e-002	3.78e-004
49	69	-9.95e-014	2.90e-005	3.63e-003	-3.41e-003	-0.22	2.17e-003
	70	9.95e-014	-2.90e-005	-3.63e-003	3.41e-003	-5.49e-002	1.93e-006
50	63	0.20	-17.02	-2.43e-004	-0.44	1.48e-002	-14.31
	700	-0.20	17.02	2.43e-004	0.44	2.62e-003	-1204.24

51	698	0.15	17.01	2.62e-004	-0.44	-6.56e-003	1222.83
	66	-0.15	-17.01	-2.62e-004	0.44	-1.22e-002	-4.81
52	65	0.22	-17.02	2.40e-004	0.44	-1.44e-002	-12.80
	701	-0.22	17.02	-2.40e-004	-0.44	-2.76e-003	-1206.00
53	699	0.17	17.02	-3.00e-004	0.43	7.47e-003	1221.51
	64	-0.17	-17.02	3.00e-004	-0.43	1.40e-002	-3.33
54	65	0.18	-22.08	-7.08e-004	1.88	1.89e-002	-1175.47
	710	-0.18	22.08	7.08e-004	-1.88	1.94e-002	-16.89
55	63	0.26	3.99e-003	-2.24e-005	8.57e-004	-2.67e-002	-634.46
	65	-0.26	-3.99e-003	2.24e-005	-8.57e-004	2.92e-002	634.90
56	58	0.17	22.07	3.15e-004	-1.88	-7.57e-003	16.87
	63	-0.17	-22.07	-3.15e-004	1.88	-9.41e-003	1174.67
57	66	1.20e-002	-21.96	3.00e-003	-1.92	-7.44e-002	-1168.94
	60	-1.20e-002	21.96	-3.00e-003	1.92	-8.74e-002	-16.94
58	64	5.09e-002	1.05e-002	-3.66e-006	-1.43e-003	-7.04e-003	-623.41
	66	-5.09e-002	-1.05e-002	3.66e-006	1.43e-003	7.45e-003	624.59
59	59	1.81e-002	21.93	-3.27e-003	1.91	0.10	16.92
	64	-1.81e-002	-21.93	3.27e-003	-1.91	8.11e-002	1167.57
60	706	4.96e-002	32.45	-2.06e-003	1.63	5.51e-002	17.09
	66	-4.96e-002	0.45	2.06e-003	-1.63	4.20e-002	734.96
61	66	7.73e-002	38.45	-7.16e-004	1.16e-002	2.85e-002	-199.39
	65	-7.73e-002	38.55	7.16e-004	-1.16e-002	5.03e-002	193.36
62	65	2.24e-002	0.63	6.44e-003	-1.60	-0.14	-726.67
	702	-2.24e-002	32.27	-6.44e-003	1.60	-0.16	-16.84
63	63	2.60e-002	0.62	-6.03e-003	1.60	0.13	-727.32
	703	-2.60e-002	32.28	6.03e-003	-1.60	0.15	-16.83
64	64	8.58e-002	38.44	7.95e-004	-1.15e-002	-3.35e-002	-200.71
	63	-8.58e-002	38.56	-7.95e-004	1.15e-002	-5.39e-002	194.23
65	707	6.52e-002	32.48	2.20e-003	-1.62	-5.89e-002	17.09
	64	-6.52e-002	0.42	-2.20e-003	1.62	-4.44e-002	736.23
77	702	-9.37e-002	17.10	-2.30e-003	16.85	-0.98	-2.63
	701	9.37e-002	-17.10	2.30e-003	-16.85	1.10	926.19
78	703	3.66	-8.45e-003	4.21e-004	7.96e-003	-1.19	-5.17
	702	-3.66	8.45e-003	-4.21e-004	-7.96e-003	1.14	4.22
79	700	-8.11e-002	-17.06	-1.41e-003	-16.82	-0.96	-924.84
	703	8.11e-002	17.06	1.41e-003	16.82	1.04	3.57
80	706	-8.99e-002	18.09	3.57e-002	-17.10	-0.84	37.52
	698	8.99e-002	-18.09	-3.57e-002	17.10	-1.08	939.14
81	707	-5.65e-002	2.22e-002	-4.39e-005	-1.38e-002	-0.78	38.38
	706	5.65e-002	-2.22e-002	4.39e-005	1.38e-002	0.79	-35.90
82	699	-9.29e-002	-18.11	-3.57e-002	17.08	1.08	-938.13
	707	9.29e-002	18.11	3.57e-002	-17.08	0.84	-40.00
83	710	-0.11	25.74	6.90e-002	-16.79	-2.14	169.07
	701	0.11	-15.87	-6.90e-002	16.79	-1.10	808.95
84	60	-0.10	11.57	-2.30e-002	0.10	0.41	169.38
	710	0.10	11.53	2.30e-002	-0.10	2.12	-167.19
85	698	-0.10	-16.16	-1.63e-002	17.04	1.09	-820.25
	60	0.10	26.03	1.63e-002	-17.04	-0.32	-171.30
86	58	-7.79e-002	25.63	-6.73e-002	16.76	2.20	164.80
	700	7.79e-002	-15.76	6.73e-002	-16.76	0.96	807.77
87	59	-3.56e-002	11.56	2.54e-002	-0.11	-0.60	164.40
	58	3.56e-002	11.54	-2.54e-002	0.11	-2.20	-162.92
88	699	-8.29e-002	-16.04	1.26e-002	-17.02	-1.09	-819.35

	59	8.29e-002	25.91	-1.26e-002	17.02	0.50	-166.32
89	708	59.41	3.09e-002	5.05e-002	0.00	-12.12	7.42
	59	-59.41	-3.09e-002	-5.05e-002	0.00	0.00	0.00
90	709	59.23	8.06e-002	-4.26e-002	0.00	10.22	19.34
	58	-59.23	-8.06e-002	4.26e-002	0.00	0.00	0.00
95	704	50.61	3.85e-002	2.96e-002	0.00	-7.09	9.24
	707	-50.61	-3.85e-002	-2.96e-002	0.00	0.00	0.00
96	705	50.52	-3.54e-002	1.39e-002	0.00	-3.34	-8.49
	706	-50.52	3.54e-002	-1.39e-002	0.00	0.00	0.00
101	142	-17.13	4.56e-002	6.28e-002	0.00	-15.06	10.94
	699	17.13	-4.56e-002	-6.28e-002	0.00	0.00	0.00
102	131	-15.80	0.14	-5.50e-002	0.00	13.21	33.80
	700	15.80	-0.14	5.50e-002	0.00	0.00	0.00
217	280	-2.47	0.12	-6.32e-003	5.80e-003	0.27	4.57
	274	2.47	-0.12	6.32e-003	-5.80e-003	0.27	5.88
218	127	-9.33	-5.71e-003	0.11	-3.87e-004	-4.82	1.67
	616	9.33	5.71e-003	-0.11	3.87e-004	-5.00	-2.16
219	404	-7.52	0.10	2.94e-002	2.45e-003	-1.68	5.51
	428	7.52	-0.10	-2.94e-002	-2.45e-003	-0.97	3.40
224	62	-0.19	0.11	6.70e-002	5.07e-004	-2.92	4.44
	608	0.19	-0.11	-6.70e-002	-5.07e-004	-2.84	4.77
225	112	-0.13	5.37e-002	9.04e-002	1.32e-004	-3.92	2.57
	612	0.13	-5.37e-002	-9.04e-002	-1.32e-004	-3.85	2.04
226	400	-0.84	4.10e-002	-3.83e-003	1.50e-004	-6.75e-003	2.25
	420	0.84	-4.10e-002	3.83e-003	-1.50e-004	0.35	1.44
227	396	1.33	1.39e-002	-2.16e-003	-6.00e-004	7.04e-003	0.83
	412	-1.33	-1.39e-002	2.16e-003	6.00e-004	0.19	0.42
686	288	-0.96	0.18	5.72e-002	5.81e-004	-2.46	7.63
	283	0.96	-0.18	-5.72e-002	-5.81e-004	-2.46	7.69
91	709	3.65	-1.19	0.16	-11.47	-3.08	-18.93
	40	-3.65	1.19	-0.16	11.47	-0.99	-10.88
92	132	8.90	4.09	8.99e-002	-8.49	-4.35	5.81e-002
	709	-8.90	-4.09	-8.99e-002	8.49	3.28	48.97
93	708	3.14	-1.28	-6.40e-002	0.92	-6.31	-18.75
	53	-3.14	1.28	6.40e-002	-0.92	7.91	-13.16
94	139	8.40	4.13	-1.99e-002	-2.87	-10.08	2.60
	708	-8.40	-4.13	1.99e-002	2.87	10.31	46.95
97	705	7.67	-3.45	-2.59e-002	7.31e-002	3.25	-39.91
	150	-7.67	3.45	2.59e-002	-7.31e-002	-2.97	1.99
98	5	2.41	1.36	-7.40e-002	1.51	2.56	15.32
	705	-2.41	-1.36	7.40e-002	-1.51	-0.79	17.28
99	704	7.16	-3.68	-9.73e-003	-2.35	-4.65	-38.54
	147	-7.16	3.68	9.73e-003	2.35	4.76	-1.92
100	160	2.37	1.23	8.57e-002	-5.45	-6.59	14.63
	704	-2.37	-1.23	-8.57e-002	5.45	4.54	14.97
103	697	1.24	-5.70	7.03e-003	-0.85	2.29e-002	-23.35
	146	-1.24	5.70	-7.03e-003	0.85	-6.51e-002	-10.87
104	25	-0.72	2.28	5.46e-002	-1.24	-0.37	31.08
	697	0.72	-2.28	-5.46e-002	1.24	-0.94	23.60
105	696	1.25	-5.75	-1.48e-002	1.60	8.62e-002	-23.49
	143	-1.25	5.75	1.48e-002	-1.60	2.37e-003	-11.03
106	33	-0.59	2.21	-6.02e-002	2.68	0.71	30.12
	696	0.59	-2.21	6.02e-002	-2.68	0.74	22.92

107	205	-4.87e-009	12.75	3.71e-013	-1.21e-011	-2.37e-011	63.75
	222	4.87e-009	12.75	-3.71e-013	1.21e-011	1.26e-011	-63.75
108	212	-8.06e-009	12.75	1.74e-013	-1.33e-011	-2.28e-011	63.75
	204	8.06e-009	12.75	-1.74e-013	1.33e-011	1.76e-011	-63.75
109	312	-1.32e-007	14.17	-1.40e-012	1.77e-011	-8.09e-012	78.70
	205	1.32e-007	14.17	1.40e-012	-1.77e-011	5.48e-011	-78.70
110	308	-1.82e-007	14.17	1.83e-013	-1.14e-011	-2.30e-011	78.70
	312	1.82e-007	14.17	-1.83e-013	1.14e-011	1.69e-011	-78.70
111	204	-1.44e-007	14.17	2.01e-012	-4.95e-011	-6.41e-011	78.70
	308	1.44e-007	14.17	-2.01e-012	4.95e-011	-2.79e-012	-78.70
112	32	6.04e-007	2.19e-011	3.77e-012	-1.66e-010	-2.84e-010	-9.28e-010
	143	-6.04e-007	-2.19e-011	-3.77e-012	1.66e-010	1.45e-010	1.74e-009
113	30	5.60e-007	-5.54e-012	1.63e-012	2.84e-011	-4.58e-010	-8.22e-010
	32	-5.60e-007	5.54e-012	-1.63e-012	-2.84e-011	3.98e-010	6.17e-010
114	364	5.55e-007	-9.79e-011	-2.33e-012	1.18e-010	-2.92e-010	-3.24e-009
	30	-5.55e-007	9.79e-011	2.33e-012	-1.18e-010	3.78e-010	-3.79e-010
115	27	5.99e-007	-2.33e-011	2.53e-012	8.97e-011	-1.69e-010	8.79e-010
	146	-5.99e-007	2.33e-011	-2.53e-012	-8.97e-011	7.57e-011	-1.74e-009
116	26	5.45e-007	4.06e-012	6.32e-013	-2.91e-011	-2.50e-010	7.25e-010
	27	-5.45e-007	-4.06e-012	-6.32e-013	2.91e-011	2.26e-010	-5.75e-010
117	365	5.50e-007	1.03e-010	-3.30e-013	-2.96e-011	-1.74e-010	3.33e-009
	26	-5.50e-007	-1.03e-010	3.30e-013	2.96e-011	1.86e-010	4.96e-010
118	3	2.45e-007	8.78e-012	-2.80e-013	-1.72e-011	1.21e-010	5.13e-010
	150	-2.45e-007	-8.78e-012	2.80e-013	1.72e-011	-1.10e-010	-1.88e-010
119	168	2.20e-007	1.32e-011	9.49e-013	3.46e-011	1.34e-010	4.70e-010
	3	-2.20e-007	-1.32e-011	-9.49e-013	-3.46e-011	-1.69e-010	1.79e-011
120	367	1.61e-007	7.22e-012	1.47e-012	3.50e-011	5.24e-011	3.25e-010
	168	-1.61e-007	-7.22e-012	-1.47e-012	-3.50e-011	-1.07e-010	-5.78e-011
121	428	1.15e-007	-3.36e-012	5.10e-013	7.16e-012	1.56e-011	-3.87e-011
	367	-1.15e-007	3.36e-012	-5.10e-013	-7.16e-012	-3.94e-011	-1.17e-010
122	426	8.76e-008	1.21e-011	2.31e-013	-1.37e-011	-1.17e-012	2.67e-010
	428	-8.76e-008	-1.21e-011	-2.31e-013	1.37e-011	-9.60e-012	2.97e-010
123	424	8.78e-008	7.95e-013	-7.80e-014	-1.05e-011	3.30e-012	3.45e-011
	426	-8.78e-008	-7.95e-013	7.80e-014	1.05e-011	3.34e-013	2.47e-012
124	422	8.43e-008	5.00e-013	-5.56e-014	-5.25e-012	5.10e-012	2.30e-011
	424	-8.43e-008	-5.00e-013	5.56e-014	5.25e-012	-2.51e-012	2.98e-013
125	420	8.07e-008	-3.29e-013	-1.26e-015	-2.80e-012	4.25e-012	5.95e-014
	422	-8.07e-008	3.29e-013	1.26e-015	2.80e-012	-4.19e-012	-1.54e-011
126	418	7.85e-008	1.43e-012	-7.01e-014	1.30e-012	7.42e-012	3.17e-011
	420	-7.85e-008	-1.43e-012	7.01e-014	-1.30e-012	-4.16e-012	3.50e-011
127	416	8.01e-008	-8.42e-014	-5.76e-014	1.23e-012	1.04e-011	7.54e-012
	418	-8.01e-008	8.42e-014	5.76e-014	-1.23e-012	-7.72e-012	-1.15e-011
128	414	8.11e-008	-5.24e-014	-5.65e-014	8.50e-013	1.37e-011	1.10e-011
	416	-8.11e-008	5.24e-014	5.65e-014	-8.50e-013	-1.11e-011	-1.35e-011
129	412	8.29e-008	1.94e-012	-2.35e-014	-2.89e-013	1.54e-011	6.84e-011
	414	-8.29e-008	-1.94e-012	2.35e-014	2.89e-013	-1.43e-011	2.20e-011
130	410	8.01e-008	-7.95e-013	-2.32e-014	1.65e-013	1.60e-011	-8.92e-013
	412	-8.01e-008	7.95e-013	2.32e-014	-1.65e-013	-1.49e-011	-3.61e-011
131	408	7.38e-008	8.68e-013	-3.06e-014	-2.57e-012	1.54e-011	2.20e-011
	410	-7.38e-008	-8.68e-013	3.06e-014	2.57e-012	-1.39e-011	1.84e-011
132	406	6.79e-008	1.48e-012	-5.29e-014	-6.50e-012	1.64e-011	3.66e-011
	408	-6.79e-008	-1.48e-012	5.29e-014	6.50e-012	-1.40e-011	3.22e-011
133	293	6.55e-008	8.44e-012	2.46e-013	-7.53e-012	5.28e-012	1.88e-010

	406	-6.55e-008	-8.44e-012	-2.46e-013	7.53e-012	-1.67e-011	2.04e-010
134	164	2.57e-007	-5.80e-012	-2.43e-012	1.31e-010	2.20e-010	-5.36e-010
	147	-2.57e-007	5.80e-012	2.43e-012	-1.31e-010	-1.30e-010	3.21e-010
135	163	2.38e-007	-1.31e-011	-7.09e-013	2.16e-011	3.48e-010	-5.19e-010
	164	-2.38e-007	1.31e-011	7.09e-013	-2.16e-011	-3.22e-010	3.32e-011
136	366	1.77e-007	-7.20e-012	2.63e-012	-2.46e-011	2.08e-010	-3.76e-010
	163	-1.77e-007	7.20e-012	-2.63e-012	2.46e-011	-3.05e-010	1.10e-010
137	404	1.18e-007	5.25e-012	2.49e-012	-6.27e-012	3.18e-011	1.14e-010
	366	-1.18e-007	-5.25e-012	-2.49e-012	6.27e-012	-1.48e-010	1.31e-010
138	403	8.73e-008	-1.02e-011	7.34e-013	2.67e-011	-3.42e-011	-1.93e-010
	404	-8.73e-008	1.02e-011	-7.34e-013	-2.67e-011	-2.34e-014	-2.83e-010
139	402	8.51e-008	-7.04e-013	-3.41e-014	4.66e-011	-2.65e-011	2.12e-011
	403	-8.51e-008	7.04e-013	3.41e-014	-4.66e-011	2.81e-011	-5.40e-011
140	401	8.31e-008	-2.94e-013	-1.17e-013	3.88e-011	-1.82e-011	2.86e-011
	402	-8.31e-008	2.94e-013	1.17e-013	-3.88e-011	2.36e-011	-4.23e-011
141	400	8.04e-008	1.27e-012	-9.22e-014	3.21e-011	-1.47e-011	7.39e-011
	401	-8.04e-008	-1.27e-012	9.22e-014	-3.21e-011	1.90e-011	-1.49e-011
142	399	8.20e-008	-5.15e-013	-1.13e-013	2.86e-011	-7.75e-012	2.22e-011
	400	-8.20e-008	5.15e-013	1.13e-013	-2.86e-011	1.30e-011	-4.62e-011
143	398	8.48e-008	2.52e-013	-1.38e-013	2.50e-011	1.65e-012	3.26e-011
	399	-8.48e-008	-2.52e-013	1.38e-013	-2.50e-011	4.76e-012	-2.09e-011
144	397	8.74e-008	2.38e-013	-1.32e-013	2.18e-011	1.04e-011	2.45e-011
	398	-8.74e-008	-2.38e-013	1.32e-013	-2.18e-011	-4.22e-012	-1.34e-011
145	396	9.05e-008	-1.53e-012	-1.22e-013	1.96e-011	1.83e-011	-2.88e-011
	397	-9.05e-008	1.53e-012	1.22e-013	-1.96e-011	-1.26e-011	-4.26e-011
146	395	8.97e-008	1.18e-012	-6.66e-014	1.73e-011	2.36e-011	3.15e-011
	396	-8.97e-008	-1.18e-012	6.66e-014	-1.73e-011	-2.05e-011	2.34e-011
147	394	8.38e-008	-7.55e-013	-1.82e-014	1.50e-011	2.46e-011	3.68e-012
	395	-8.38e-008	7.55e-013	1.82e-014	-1.50e-011	-2.38e-011	-3.88e-011
148	393	7.82e-008	-1.33e-012	4.94e-014	1.35e-011	2.17e-011	-9.08e-012
	394	-7.82e-008	1.33e-012	-4.94e-014	-1.35e-011	-2.39e-011	-5.27e-011
149	292	7.58e-008	-8.20e-012	3.85e-013	1.12e-011	3.47e-012	-1.60e-010
	393	-7.58e-008	8.20e-012	-3.85e-013	-1.12e-011	-2.14e-011	-2.21e-010
150	221	3.51e-007	-5.78e-011	-2.08e-012	4.29e-011	-8.30e-012	-3.87e-011
	205	-3.51e-007	5.78e-011	2.08e-012	-4.29e-011	6.87e-011	-1.64e-009
151	219	2.66e-007	5.26e-012	-4.03e-013	3.02e-011	2.98e-012	2.80e-010
	221	-2.66e-007	-5.26e-012	4.03e-013	-3.02e-011	1.48e-011	-4.89e-011
152	217	2.41e-007	3.92e-012	1.10e-013	4.81e-012	-1.19e-011	2.46e-010
	219	-2.41e-007	-3.92e-012	-1.10e-013	-4.81e-012	7.10e-012	-7.40e-011
153	180	2.21e-007	2.67e-012	6.34e-013	-1.79e-011	-3.73e-011	1.59e-010
	217	-2.21e-007	-2.67e-012	-6.34e-013	1.79e-011	9.41e-012	-4.18e-011
154	57	2.26e-007	1.69e-011	2.04e-012	-1.38e-011	-1.19e-010	6.82e-010
	180	-2.26e-007	-1.69e-011	-2.04e-012	1.38e-011	1.89e-011	1.45e-010
155	215	3.56e-007	5.29e-011	-2.82e-012	-1.94e-011	-2.57e-011	3.32e-011
	204	-3.56e-007	-5.29e-011	2.82e-012	1.94e-011	1.08e-010	1.50e-009
156	214	2.77e-007	-4.91e-012	-1.02e-012	-6.94e-012	1.88e-011	-2.48e-010
	215	-2.77e-007	4.91e-012	1.02e-012	6.94e-012	2.62e-011	3.15e-011
157	213	2.56e-007	-3.82e-012	-1.95e-013	5.70e-012	4.05e-011	-2.37e-010
	214	-2.56e-007	3.82e-012	1.95e-013	-5.70e-012	-3.19e-011	6.87e-011
158	179	2.37e-007	-2.74e-012	1.22e-012	-5.48e-012	-8.58e-012	-1.59e-010
	213	-2.37e-007	2.74e-012	-1.22e-012	5.48e-012	-4.53e-011	3.90e-011
159	56	2.44e-007	-1.91e-011	3.03e-012	-2.44e-011	-1.73e-010	-7.44e-010
	179	-2.44e-007	1.91e-011	-3.03e-012	2.44e-011	2.41e-011	-1.91e-010

160	42	2.83e-007	-5.42e-012	1.81e-011	5.14e-010	-7.57e-010	-3.34e-010
	132	-2.83e-007	5.42e-012	-1.81e-011	-5.14e-010	8.65e-011	1.33e-010
161	41	2.87e-007	-4.00e-012	1.63e-011	2.01e-010	-7.15e-010	-7.39e-010
	42	-2.87e-007	4.00e-012	-1.63e-011	-2.01e-010	1.13e-010	5.91e-010
162	357	2.15e-007	5.05e-012	5.40e-012	9.70e-012	-4.70e-010	-5.22e-010
	41	-2.15e-007	-5.05e-012	-5.40e-012	-9.70e-012	2.70e-010	7.09e-010
163	616	1.33e-007	6.30e-012	-8.34e-012	-1.31e-011	1.62e-010	-1.09e-010
	357	-1.33e-007	-6.30e-012	8.34e-012	1.31e-011	2.26e-010	4.02e-010
164	615	8.74e-008	1.86e-012	1.17e-011	3.09e-011	-1.82e-010	5.43e-011
	616	-8.74e-008	-1.86e-012	-1.17e-011	-3.09e-011	-3.63e-010	3.25e-011
165	614	8.99e-008	-5.39e-014	1.35e-014	8.02e-011	6.40e-011	4.35e-011
	615	-8.99e-008	5.39e-014	-1.35e-014	-8.02e-011	-6.46e-011	-4.60e-011
166	613	9.40e-008	-2.38e-013	-2.85e-013	7.11e-011	5.65e-011	2.47e-011
	614	-9.40e-008	2.38e-013	2.85e-013	-7.11e-011	-4.33e-011	-3.58e-011
167	612	9.75e-008	2.75e-013	-6.44e-014	6.29e-011	3.55e-011	3.27e-011
	613	-9.75e-008	-2.75e-013	6.44e-014	-6.29e-011	-3.25e-011	-1.99e-011
168	611	9.87e-008	-4.42e-013	2.20e-013	1.99e-011	3.35e-011	1.17e-011
	612	-9.87e-008	4.42e-013	-2.20e-013	-1.99e-011	-4.37e-011	-3.23e-011
169	610	1.02e-007	-5.45e-014	-3.73e-013	2.19e-011	3.65e-011	1.26e-011
	611	-1.02e-007	5.45e-014	3.73e-013	-2.19e-011	-1.91e-011	-1.52e-011
170	609	1.04e-007	1.49e-014	-3.93e-013	2.17e-011	3.45e-011	1.36e-011
	610	-1.04e-007	-1.49e-014	3.93e-013	-2.17e-011	-1.62e-011	-1.29e-011
171	608	1.06e-007	2.92e-013	2.71e-013	2.43e-011	7.16e-012	2.51e-011
	609	-1.06e-007	-2.92e-013	-2.71e-013	-2.43e-011	-1.98e-011	-1.16e-011
172	607	1.06e-007	-2.98e-013	6.80e-013	-3.44e-012	1.46e-011	1.19e-011
	608	-1.06e-007	2.98e-013	-6.80e-013	3.44e-012	-4.63e-011	-2.57e-011
173	606	1.09e-007	-3.12e-014	-4.99e-013	-6.59e-013	2.68e-011	1.32e-011
	607	-1.09e-007	3.12e-014	4.99e-013	6.59e-013	-3.55e-012	-1.47e-011
174	605	1.12e-007	3.24e-014	-5.74e-013	-1.17e-012	2.74e-011	1.53e-011
	606	-1.12e-007	-3.24e-014	5.74e-013	1.17e-012	-6.97e-013	-1.38e-011
175	283	1.15e-007	2.70e-013	-3.35e-013	-3.62e-014	6.44e-012	2.68e-011
	605	-1.15e-007	-2.70e-013	3.35e-013	3.62e-014	9.15e-012	-1.42e-011
176	350	1.14e-007	-2.94e-013	2.08e-012	-2.57e-011	-1.48e-011	1.59e-011
	283	-1.14e-007	2.94e-013	-2.08e-012	2.57e-011	-7.40e-011	-2.84e-011
177	349	1.23e-007	-6.43e-014	-1.71e-012	-2.48e-011	3.18e-011	1.58e-011
	350	-1.23e-007	6.43e-014	1.71e-012	2.48e-011	4.13e-011	-1.85e-011
178	195	1.31e-007	2.08e-014	-8.63e-013	-2.92e-011	2.93e-012	1.75e-011
	349	-1.31e-007	-2.08e-014	8.63e-013	2.92e-011	4.68e-011	-1.63e-011
179	274	1.36e-007	-1.23e-013	-1.21e-011	-3.07e-011	1.68e-010	1.70e-011
	195	-1.36e-007	1.23e-013	1.21e-011	3.07e-011	1.83e-010	-2.05e-011
180	273	1.47e-007	-1.55e-013	1.13e-012	-2.62e-011	-5.77e-011	1.07e-011
	274	-1.47e-007	1.55e-013	-1.13e-012	2.62e-011	7.86e-012	-1.76e-011
181	272	1.71e-007	-3.44e-013	-4.52e-012	-2.61e-011	1.55e-011	-7.78e-012
	273	-1.71e-007	3.44e-013	4.52e-012	2.61e-011	1.83e-010	-7.35e-012
182	170	2.28e-007	-1.16e-012	2.74e-011	-3.37e-011	-1.01e-009	-4.67e-011
	272	-2.28e-007	1.16e-012	-2.74e-011	3.37e-011	-1.92e-010	-4.29e-012
183	52	2.84e-007	-1.63e-012	-1.23e-011	1.31e-010	6.73e-010	-2.65e-010
	139	-2.84e-007	1.63e-012	1.23e-011	-1.31e-010	-2.16e-010	2.05e-010
184	50	2.72e-007	2.52e-013	-1.55e-011	1.17e-010	6.22e-010	-3.17e-010
	52	-2.72e-007	-2.52e-013	1.55e-011	-1.17e-010	-4.79e-011	3.26e-010
185	362	2.03e-007	2.67e-012	-6.75e-012	1.32e-010	4.32e-010	-1.75e-010
	50	-2.03e-007	-2.67e-012	6.75e-012	-1.32e-010	-1.82e-010	2.74e-010
186	127	1.33e-007	1.81e-012	6.74e-012	1.10e-010	-1.26e-010	-3.20e-011

	362	-1.33e-007	-1.81e-012	-6.74e-012	-1.10e-010	-1.87e-010	1.16e-010
187	124	9.59e-008	1.32e-012	-1.26e-011	2.43e-011	2.44e-010	5.18e-011
	127	-9.59e-008	-1.32e-012	1.26e-011	-2.43e-011	3.44e-010	9.53e-012
188	120	9.80e-008	4.09e-014	-1.41e-013	2.23e-011	-1.91e-011	4.12e-011
	124	-9.80e-008	-4.09e-014	1.41e-013	-2.23e-011	2.57e-011	-3.93e-011
189	116	9.92e-008	-5.15e-014	3.05e-013	3.44e-011	-2.44e-011	3.71e-011
	120	-9.92e-008	5.15e-014	-3.05e-013	-3.44e-011	1.02e-011	-3.95e-011
190	112	1.00e-007	-4.23e-013	9.46e-013	4.50e-011	-3.94e-011	2.33e-011
	116	-1.00e-007	4.23e-013	-9.46e-013	-4.50e-011	-4.57e-012	-4.30e-011
191	107	1.04e-007	2.91e-013	5.82e-013	9.67e-012	-1.67e-011	3.65e-011
	112	-1.04e-007	-2.91e-013	-5.82e-013	-9.67e-012	-1.04e-011	-2.29e-011
192	103	1.06e-007	-1.18e-013	2.58e-013	1.69e-011	-5.60e-012	2.51e-011
	107	-1.06e-007	1.18e-013	-2.58e-013	-1.69e-011	-6.40e-012	-3.06e-011
193	99	1.10e-007	-1.71e-013	2.57e-013	2.06e-011	4.34e-012	1.50e-011
	103	-1.10e-007	1.71e-013	-2.57e-013	-2.06e-011	-1.63e-011	-2.30e-011
194	62	1.12e-007	-3.78e-013	1.47e-012	2.77e-011	-2.65e-011	-2.85e-012
	99	-1.12e-007	3.78e-013	-1.47e-012	-2.77e-011	-4.19e-011	-1.47e-011
195	622	1.17e-007	3.44e-013	1.16e-012	4.76e-012	5.18e-012	1.36e-011
	62	-1.17e-007	-3.44e-013	-1.16e-012	-4.76e-012	-5.91e-011	2.38e-012
196	620	1.19e-007	1.14e-013	6.22e-013	9.16e-012	1.00e-011	2.04e-011
	622	-1.19e-007	-1.14e-013	-6.22e-013	-9.16e-012	-3.90e-011	-1.51e-011
197	618	1.21e-007	4.92e-014	6.95e-013	6.65e-012	1.11e-011	2.39e-011
	620	-1.21e-007	-4.92e-014	-6.95e-013	-6.65e-012	-4.34e-011	-2.16e-011
198	288	1.21e-007	4.72e-014	3.87e-012	1.32e-011	-8.77e-011	2.58e-011
	618	-1.21e-007	-4.72e-014	-3.87e-012	-1.32e-011	-9.25e-011	-2.36e-011
199	354	1.25e-007	1.19e-012	2.84e-012	6.37e-012	-4.11e-011	8.23e-011
	288	-1.25e-007	-1.19e-012	-2.84e-012	-6.37e-012	-7.99e-011	-3.16e-011
200	352	1.22e-007	6.40e-013	3.16e-012	1.21e-011	-9.86e-011	1.36e-010
	354	-1.22e-007	-6.40e-013	-3.16e-012	-1.21e-011	-3.61e-011	-1.08e-010
201	200	1.22e-007	-1.71e-012	1.16e-012	-5.36e-011	-8.43e-011	6.85e-011
	352	-1.22e-007	1.71e-012	-1.16e-012	5.36e-011	1.72e-011	-1.67e-010
202	280	1.24e-007	-3.46e-012	1.79e-011	-7.72e-011	-3.66e-010	-1.04e-010
	200	-1.24e-007	3.46e-012	-1.79e-011	7.72e-011	-1.52e-010	3.80e-012
203	278	1.45e-007	-1.07e-012	1.61e-012	-3.60e-011	-3.73e-011	-1.73e-010
	280	-1.45e-007	1.07e-012	-1.61e-012	3.60e-011	-3.34e-011	1.26e-010
204	276	1.65e-007	5.38e-013	4.81e-012	-1.67e-011	-9.61e-011	-1.41e-010
	278	-1.65e-007	-5.38e-013	-4.81e-012	1.67e-011	-1.16e-010	1.65e-010
205	175	2.11e-007	3.46e-012	-1.89e-011	-2.02e-012	6.86e-010	4.01e-012
	276	-2.11e-007	-3.46e-012	1.89e-011	2.02e-012	1.45e-010	1.48e-010
220	14	136.29	-9.69	5.09	0.00	-50.89	-96.89
	192	-136.29	9.69	-5.09	0.00	0.00	0.00
221	11	138.94	9.92	6.62	0.00	-66.17	99.20
	191	-138.94	-9.92	-6.62	0.00	0.00	0.00
222	4	164.95	-18.37	-5.32	0.00	53.19	-183.70
	695	-164.95	18.37	5.32	0.00	0.00	0.00
223	1	162.30	18.14	-6.39	0.00	63.87	181.40
	694	-162.30	-18.14	6.39	0.00	0.00	0.00
228	20	5.00	-1.47	0.55	11.29	-12.61	-43.37
	138	-5.00	1.47	-0.55	-11.29	-13.16	-25.85
229	137	4.94	1.19	-0.12	4.53	-1.27	22.15
	20	-4.94	-1.19	0.12	-4.53	6.95	34.00
230	10	4.65	-1.18	4.26e-002	-2.11	-2.44	-33.72
	135	-4.65	1.18	-4.26e-002	2.11	0.43	-21.72

231	134	4.49	1.44	-0.25	-6.63	6.14	26.47
	10	-4.49	-1.44	0.25	6.63	5.62	41.13
232	131	-1.75	1.14	-0.52	-8.37	20.65	22.38
	40	1.75	-1.14	0.52	8.37	-9.31	2.68
233	53	-2.14	-1.05	0.38	3.42	-3.01	-0.15
	142	2.14	1.05	-0.38	-3.42	-5.26	-22.90
234	33	-6.44	2.01e-002	0.38	4.39	0.45	16.58
	131	6.44	-2.01e-002	-0.38	-4.39	-11.92	-15.98
235	25	-6.69	1.07e-002	-0.26	-4.10	-2.08	16.63
	138	6.69	-1.07e-002	0.26	4.10	9.79	-16.31
236	5	-1.60	-0.44	0.24	6.75	0.50	0.44
	134	1.60	0.44	-0.24	-6.75	-7.78	-13.75
237	160	-1.17	-0.35	-0.40	-8.89	6.55	0.81
	142	1.17	0.35	0.40	8.89	5.46	-11.34
370	147	8.15	0.12	4.00e-002	-5.09	-10.03	-10.21
	150	-8.15	-0.12	-4.00e-002	5.09	6.43	20.66
372	139	9.01	0.11	-0.44	-14.14	24.00	-15.79
	132	-9.01	-0.11	0.44	14.14	13.91	24.83

Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
1	53	-1.81e-002	-8.36e-003	1.57e-002	-0.86	-0.66	-0.12
	51	-1.81e-002	-1.00e-003	3.74e-002	-1.75	-0.84	-0.22
	708	-4.74e-002	-8.36e-003	1.32e-002	-0.93	-0.38	-0.24
2	708	-7.62e-002	-2.17e-002	7.63e-003	-0.67	-1.07	0.38
	52	-7.62e-002	2.71e-002	3.19e-002	-1.02	-1.07	0.36
	139	-9.04e-002	-1.70e-002	2.79e-003	-0.71	-0.92	0.38
3	132	-8.49e-002	-2.37e-002	2.03e-002	-0.60	0.43	1.26
	42	-8.49e-002	4.06e-002	6.24e-003	-1.57	-0.26	1.34
	709	-7.58e-002	-2.37e-002	9.85e-003	-0.58	-0.39	1.04
4	3	-6.67e-002	2.79e-002	-2.65e-002	0.57	0.24	3.24e-002
	705	-6.67e-002	-2.03e-002	-6.64e-003	0.49	0.37	4.26e-002
	150	-7.75e-002	-1.64e-002	-1.67e-003	0.50	0.15	7.90e-002
5	164	-7.71e-002	2.91e-002	-1.32e-003	1.04	0.52	0.31
	147	-7.71e-002	-1.91e-002	-1.56e-002	0.61	0.38	0.33
	704	-6.86e-002	-1.91e-002	-8.44e-003	0.61	0.33	0.29
6	27	-0.18	1.82e-002	2.14e-002	0.79	0.22	0.24
	146	-0.18	-4.61e-003	-2.23e-002	0.35	-9.69e-003	0.22
	697	-0.17	-4.61e-003	-2.04e-002	0.35	0.15	0.18
7	32	-0.18	1.81e-002	2.16e-002	-1.33	-0.34	-0.44
	143	-0.18	-4.65e-003	-2.28e-002	-0.67	3.05e-002	-0.41
	696	-0.17	-4.65e-003	-2.09e-002	-0.67	-0.30	-0.35
8	46	-2.54e-002	2.67e-003	-2.47e-004	-5.51e-002	1.06	-0.38
	133	-2.54e-002	-1.33e-002	-9.28e-004	0.23	-0.22	-0.15
	45	-2.49e-002	1.87e-003	2.21e-003	2.86e-002	-1.29	-0.77
9	677	-2.29e-002	-7.27e-003	1.14e-002	1.88	0.53	-1.03
	71	-2.29e-002	7.51e-003	1.40e-002	0.20	0.24	-0.98
	680	-2.62e-002	-2.11e-003	7.65e-003	1.32	0.72	-1.20
10	72	-2.93e-002	-5.46e-003	1.44e-002	2.73	3.60e-002	-0.39
	82	-2.93e-002	7.95e-003	1.92e-002	1.34	-0.97	0.11
	79	-3.66e-002	-2.71e-003	1.02e-002	2.83	0.33	-1.06
66	709	-9.72e-003	-4.72e-002	-1.15e-002	-0.32	0.52	-1.88
	40	-9.72e-003	-1.62e-002	-1.51e-002	0.54	0.53	-1.50
	37	8.70e-004	-1.62e-002	-3.81e-002	1.10	2.81	-1.48
67	42	2.70e-003	-9.22e-002	1.12e-002	0.27	-1.96	-1.24
	37	2.70e-003	-4.65e-002	1.62e-002	0.64	-2.50	-0.47
	709	-7.43e-003	-7.74e-002	-1.00e-002	1.15	-0.48	-1.53
68	51	2.25e-003	-4.70e-002	-1.71e-002	-0.12	-1.44	-0.32
	52	2.25e-003	-9.22e-002	-1.21e-002	0.10	-1.29	-0.12

	708	-7.80e-003	-7.76e-002	8.93e-003	0.22	-0.82	-3.74e-002
69	5	-6.43e-003	-2.18e-002	1.45e-002	0.32	0.36	0.21
	705	-6.43e-003	-4.31e-002	1.37e-002	-4.50e-002	0.41	0.28
	2	-3.85e-003	-2.18e-002	3.10e-002	0.43	1.13	0.30
70	704	-4.41e-002	-5.75e-003	1.18e-002	0.26	-1.13	0.56
	155	-4.41e-002	1.72e-002	-5.38e-003	-0.83	-1.78	0.65
	160	-2.84e-002	1.05e-003	1.49e-003	-2.26e-002	-1.34	0.29
71	164	-6.92e-002	-1.11e-002	3.19e-002	1.28	-0.18	-1.12e-002
	704	-6.92e-002	-8.06e-003	1.04e-002	0.79	-0.67	0.21
	155	-3.19e-002	-1.03e-002	2.50e-002	1.34	-8.26e-002	-0.38
72	2	-4.48e-002	2.15e-003	1.47e-002	0.70	3.01e-002	-0.44
	705	-4.48e-002	-3.09e-002	3.03e-002	1.15e-002	0.16	-0.42
	3	-6.55e-002	-1.21e-002	3.25e-002	0.41	0.22	-0.34
73	697	-0.10	-4.06e-004	3.56e-002	0.26	-0.30	0.40
	24	-0.10	3.57e-002	-7.22e-003	-0.82	-1.05	0.55
	25	-6.07e-002	1.03e-002	1.47e-002	7.71e-003	-0.51	0.10
74	27	-2.96e-004	-0.18	2.39e-002	0.10	-0.94	-0.15
	24	-2.96e-004	-0.11	2.66e-002	0.31	-1.17	0.17
	697	-6.90e-003	-0.17	-2.05e-002	0.54	-0.34	-0.37
75	31	-2.75e-005	-0.11	-2.60e-002	0.50	-1.78	-0.10
	32	-2.75e-005	-0.18	-2.32e-002	0.15	-1.51	0.34
	696	-6.92e-003	-0.17	2.20e-002	0.76	-0.66	0.58
76	31	-0.10	3.59e-002	7.59e-003	-1.11	-1.63	-0.86
	696	-0.10	-1.78e-003	-3.59e-002	0.30	-0.80	-0.72
	33	-5.94e-002	9.38e-003	-1.44e-002	-5.38e-002	-1.02	-0.38
238	686	8.07e-004	-1.06e-005	4.01e-004	-4.57	4.65	-2.55
	685	8.07e-004	-1.90e-004	1.39e-003	0.17	8.13	-3.09
	664	1.98e-003	-1.90e-004	1.63e-003	1.20	0.15	-1.60
	675	1.98e-003	-1.06e-005	6.43e-004	-6.32	-0.87	-1.06
239	641	9.93e-004	2.93e-004	-1.67e-004	-0.41	7.12	-2.90
	638	9.93e-004	-3.28e-004	-3.07e-004	5.68	6.02	-6.29
	685	8.07e-004	-3.28e-004	-1.05e-004	1.09	7.60	-5.86
	686	8.07e-004	2.93e-004	3.52e-005	-3.34	5.72	-2.47
240	684	1.92e-003	-1.03e-005	-3.25e-004	-4.71	3.79	0.19
	686	1.92e-003	-1.06e-005	2.64e-004	-4.59	3.76	-0.50
	675	4.58e-003	-1.06e-005	3.38e-004	-5.04	-0.87	-0.51
	673	4.58e-003	-1.03e-005	-2.51e-004	-5.17	-0.88	0.18
241	640	8.67e-004	3.25e-004	-5.49e-005	-0.23	6.97	1.46
	641	8.67e-004	2.93e-004	-1.17e-004	-0.19	6.92	-1.61
	686	1.92e-003	2.93e-004	-1.02e-004	-3.59	5.25	-1.68
	684	1.92e-003	3.25e-004	-3.99e-005	-3.64	5.31	1.39
242	644	9.88e-004	-1.07e-004	-1.58e-003	-6.23e-002	8.31	2.85
	684	9.88e-004	-1.03e-005	-4.38e-004	-4.72	4.74	2.26
	673	2.45e-003	-1.03e-005	-5.71e-004	-6.50	-0.90	0.75
	661	2.45e-003	-1.07e-004	-1.71e-003	0.95	0.11	1.34
243	637	9.35e-004	-3.04e-004	6.03e-005	5.58	6.20	6.20
	640	9.35e-004	3.25e-004	3.70e-006	-0.50	7.25	2.74
	684	9.88e-004	3.25e-004	-1.52e-004	-3.51	5.79	2.22
	644	9.88e-004	-3.04e-004	-9.55e-005	0.93	7.79	5.67
244	682	9.82e-004	1.85e-004	-1.20e-004	4.30	2.21	-4.61e-002
	689	9.82e-004	2.98e-004	-1.98e-004	7.23	-0.44	-1.61
	638	9.93e-004	2.98e-004	-2.58e-004	4.85	1.16	-4.88
	641	9.93e-004	1.85e-004	-1.80e-004	2.64	3.56	-3.31
245	635	9.45e-004	-7.84e-005	-3.41e-004	2.88	4.34	3.34
	632	9.45e-004	1.81e-004	-2.17e-004	5.36	1.71	4.68
	689	9.82e-004	1.81e-004	-2.69e-005	7.23	-0.54	1.23
	682	9.82e-004	-7.84e-005	-1.51e-004	4.45	2.19	-0.10
246	643	8.94e-004	2.07e-004	2.23e-005	3.68	2.98	1.03
	682	8.94e-004	1.85e-004	-8.27e-005	3.72	2.95	-1.02

	641	8.67e-004	1.85e-004	-1.31e-004	1.08	3.84	-1.08
	640	8.67e-004	2.07e-004	-2.56e-005	1.04	3.89	0.97
247	634	6.31e-004	-5.65e-005	1.61e-004	1.14	4.61	-0.94
	635	6.31e-004	-7.84e-005	-6.37e-005	1.17	4.59	1.06
	682	8.94e-004	-7.84e-005	-1.14e-004	3.75	2.99	1.02
	643	8.94e-004	-5.65e-005	1.11e-004	3.71	3.03	-0.97
248	691	8.21e-004	3.58e-004	1.04e-004	7.11	-0.32	1.60
	643	8.21e-004	2.07e-004	6.38e-005	4.24	2.27	4.27e-002
	640	9.35e-004	2.07e-004	3.29e-005	2.57	3.65	3.23
	637	9.35e-004	3.58e-004	7.36e-005	4.77	1.31	4.79
249	631	8.94e-004	2.22e-004	3.50e-004	5.21	1.80	-4.58
	634	8.94e-004	-5.65e-005	4.23e-004	2.78	4.36	-3.22
	643	8.21e-004	-5.65e-005	1.53e-004	4.39	2.26	0.14
	691	8.21e-004	2.22e-004	7.96e-005	7.11	-0.40	-1.21
250	693	-3.33e-004	-1.09e-004	2.17e-004	-3.21	6.94	2.15
	687	-3.33e-004	-7.84e-004	5.79e-004	1.66	9.30	5.62
	632	9.45e-004	-7.84e-004	1.32e-004	6.49	7.16	6.29
	635	9.45e-004	-1.09e-004	-2.30e-004	-0.33	8.33	2.81
251	671	-3.49e-004	-2.12e-004	-4.96e-005	-5.48	-0.29	0.53
	652	-3.49e-004	-4.94e-004	-9.41e-004	1.39	0.57	0.83
	687	-3.33e-004	-4.94e-004	-7.52e-004	0.60	10.01	2.53
	693	-3.33e-004	-2.12e-004	1.39e-004	-4.30	5.72	2.23
252	692	5.44e-004	-8.29e-005	3.93e-005	-3.31	6.42	-1.41
	693	5.44e-004	-1.09e-004	2.30e-005	-3.26	6.44	1.52
	635	6.31e-004	-1.09e-004	4.77e-005	-2.91e-003	7.98	1.52
	634	6.31e-004	-8.29e-005	6.40e-005	-7.33e-002	7.98	-1.40
253	669	1.66e-003	-2.14e-004	-1.35e-005	-4.52	-0.37	-0.14
	671	1.66e-003	-2.12e-004	-1.10e-004	-4.39	-0.34	0.19
	693	5.44e-004	-2.12e-004	-5.48e-005	-4.21	4.70	0.21
	692	5.44e-004	-2.14e-004	4.17e-005	-4.26	4.69	-0.13
254	683	-1.47e-004	-7.63e-004	-4.44e-004	1.47	9.22	-5.52
	692	-1.47e-004	-8.29e-005	-1.79e-004	-3.29	6.90	-2.05
	634	8.94e-004	-8.29e-005	3.25e-004	-0.39	8.33	-2.69
	631	8.94e-004	-7.63e-004	6.07e-005	6.28	7.17	-6.17
255	649	8.23e-005	-4.40e-004	9.67e-004	1.11	0.48	-0.82
	669	8.23e-005	-2.14e-004	-4.91e-005	-5.53	-0.32	-0.49
	692	-1.47e-004	-2.14e-004	-1.77e-004	-4.38	5.67	-2.15
	683	-1.47e-004	-4.40e-004	8.39e-004	0.39	9.89	-2.48
256	690	7.83e-004	7.87e-004	1.61e-004	8.51	-4.82	0.94
	691	7.83e-004	3.58e-004	1.64e-004	7.87	-2.28	1.66
	637	-6.92e-006	3.58e-004	2.75e-004	8.78	1.17	5.04
	639	-6.92e-006	7.87e-004	2.72e-004	9.66	-9.98e-001	4.31
257	633	-2.93e-004	8.04e-004	5.30e-004	10.84	-0.97	-3.43
	631	-2.93e-004	2.22e-004	1.93e-004	9.68	1.64	-4.75
	691	7.83e-004	2.22e-004	1.39e-004	8.20	-2.51	-1.05
	690	7.83e-004	8.04e-004	4.76e-004	8.56	-5.06	0.26
258	91	2.18e-004	3.30e-003	-1.85e-004	-4.86e-002	-6.25	0.94
	690	2.18e-004	7.87e-004	1.15e-004	6.82	-5.95	2.00
	639	2.69e-004	7.87e-004	-8.99e-004	9.36	-1.71	2.28
	95	2.69e-004	3.30e-003	-1.20e-003	0.44	-1.81	1.22
259	87	4.93e-004	3.92e-003	1.49e-003	0.41	-2.26	0.31
	633	4.93e-004	8.04e-004	1.77e-003	10.48	-1.94	-1.06
	690	2.18e-004	8.04e-004	4.30e-004	7.11	-6.19	-0.56
	91	2.18e-004	3.92e-003	1.54e-004	-0.13	-6.56	0.80
260	688	3.86e-004	1.03e-003	-1.02e-004	6.93	-6.20	-2.13
	626	3.86e-004	4.37e-003	2.15e-004	7.63e-003	-6.60	-1.12
	680	4.53e-004	4.37e-003	1.42e-003	0.55	-1.93	-1.46
	642	4.53e-004	1.03e-003	1.10e-003	9.27	-1.86	-2.47
261	636	7.25e-004	1.03e-003	-2.05e-003	10.59	-2.03	1.08
	72	7.25e-004	4.96e-003	-1.74e-003	0.58	-2.33	-0.31

	626	3.86e-004	4.96e-003	-1.97e-004	-0.10	-7.04	-0.92
	688	3.86e-004	1.03e-003	-5.03e-004	7.29	-6.50	0.47
262	689	9.89e-004	2.98e-004	-2.64e-004	7.98	-2.42	-1.70
	688	9.89e-004	1.03e-003	-1.53e-004	8.63	-5.04	-1.04
	642	5.95e-005	1.03e-003	-2.77e-004	9.65	-1.14	-4.45
	638	5.95e-005	2.98e-004	-3.87e-004	8.84	0.99	-5.11
263	632	-2.80e-004	1.81e-004	-9.30e-005	9.91	1.55	4.80
	636	-2.80e-004	1.03e-003	-5.54e-004	11.06	-1.04	3.44
	688	9.89e-004	1.03e-003	-5.54e-004	8.70	-5.33	-0.31
	689	9.89e-004	1.81e-004	-9.28e-005	8.36	-2.68	1.05
264	4	-8.60e-003	8.21e-004	-1.67e-003	28.51	21.74	3.35
	79	-8.60e-003	1.25e-004	8.48e-004	-7.13	14.09	0.66
	72	7.25e-004	1.25e-004	-1.40e-003	2.61	1.70	0.89
	636	7.25e-004	8.21e-004	-3.92e-003	12.15	-6.32	3.57
265	651	-6.98e-003	-3.43e-003	4.65e-003	22.92	-2.63	5.86
	655	-6.98e-003	-7.17e-004	4.67e-004	0.90	1.73	5.04
	79	-8.60e-003	-7.17e-004	5.24e-004	-7.15	15.63	2.87
	4	-8.60e-003	-3.43e-003	4.70e-003	29.76	25.91	3.69
266	687	2.83e-003	-7.84e-004	-4.52e-004	0.71	12.80	6.46
	4	2.83e-003	8.21e-004	-3.13e-003	25.25	21.18	5.45
	636	-2.80e-004	8.21e-004	-2.43e-003	13.89	-4.68	4.38
	632	-2.80e-004	-7.84e-004	2.56e-004	9.58	5.43	5.39
267	652	-6.97e-003	-4.94e-004	-2.74e-004	4.90	2.43	1.14
	651	-6.97e-003	-3.43e-003	4.75e-003	22.05	-2.28	0.65
	4	2.83e-003	-3.43e-003	3.24e-003	26.71	25.15	3.86
	687	2.83e-003	-4.94e-004	-1.78e-003	-0.48	11.68	4.35
268	14	-5.29e-003	-3.09e-003	-2.21e-003	24.36	21.45	-4.27
	677	-5.29e-003	-1.48e-003	-3.75e-004	-5.25	13.47	-3.09
	667	-5.36e-003	-1.48e-003	9.31e-005	1.68	1.75	-4.60
	663	-5.36e-003	-3.09e-003	-1.75e-003	19.16	-2.11	-5.78
269	642	4.53e-004	8.77e-004	2.40e-003	10.37	-5.05	-4.43
	680	4.53e-004	-1.29e-003	1.20e-003	2.30	1.50	-2.30
	677	-5.29e-003	-1.29e-003	-3.90e-004	-5.19	12.46	-1.74
	14	-5.29e-003	8.77e-004	8.13e-004	23.12	18.09	-3.87
270	685	1.36e-003	-1.90e-004	2.34e-003	-0.57	9.69	-4.73
	14	1.36e-003	-3.09e-003	-7.19e-004	23.01	20.99	-4.46
	663	-4.72e-003	-3.09e-003	-1.78e-003	19.55	-2.26	-1.73
	664	-4.72e-003	-1.90e-004	1.27e-003	3.29	1.61	-2.01
271	638	5.95e-005	-3.28e-004	-4.37e-004	8.24	4.41	-5.76
	642	5.95e-005	8.77e-004	1.03e-003	12.02	-3.88	-4.94
	14	1.36e-003	8.77e-004	2.31e-003	21.69	17.57	-5.83
	685	1.36e-003	-3.28e-004	8.45e-004	0.59	10.72	-6.65
272	1	3.10e-003	9.54e-004	3.07e-003	24.72	20.76	-5.45
	683	3.10e-003	-7.63e-004	7.19e-004	0.55	12.66	-6.40
	631	-2.93e-004	-7.63e-004	-9.58e-005	9.31	5.46	-5.32
	633	-2.93e-004	9.54e-004	2.26e-003	13.62	-4.39	-4.37
273	645	-6.31e-003	-3.72e-003	-4.95e-003	21.58	-2.44	-0.71
	649	-6.31e-003	-4.40e-004	3.16e-004	4.57	2.31	-1.16
	683	3.10e-003	-4.40e-004	2.00e-003	-0.70	11.54	-4.34
	1	3.10e-003	-3.72e-003	-3.27e-003	26.19	24.95	-3.88
274	83	-8.00e-003	2.52e-004	-7.30e-004	-6.27	14.66	-0.37
	1	-8.00e-003	9.54e-004	1.27e-003	27.82	21.46	-3.20
	633	4.93e-004	9.54e-004	3.49e-003	12.10	-6.07	-3.57
	87	4.93e-004	2.52e-004	1.49e-003	2.46	1.33	-0.74
275	648	-6.14e-003	-1.17e-003	-5.12e-004	0.89	1.66	-5.17
	645	-6.14e-003	-3.72e-003	-4.95e-003	23.03	-2.77	-5.88
	1	-8.00e-003	-3.72e-003	-5.07e-003	29.43	25.54	-3.48
	83	-8.00e-003	-1.17e-003	-6.33e-004	-6.54	14.57	-2.77
276	11	1.69e-003	-3.55e-003	7.02e-004	23.27	21.60	4.36
	644	1.69e-003	-1.07e-004	-2.71e-003	-0.86	9.93	4.58

	661	-4.09e-003	-1.07e-004	-1.36e-003	3.05	1.59	1.79
	657	-4.09e-003	-3.55e-003	2.05e-003	19.70	-2.45	1.56
277	639	-6.92e-006	1.10e-003	-9.35e-004	12.06	-3.72	4.81
	637	-6.92e-006	-3.04e-004	2.62e-004	8.20	4.59	5.64
	644	1.69e-003	-3.04e-004	-1.23e-003	0.40	10.96	6.55
	11	1.69e-003	1.10e-003	-2.43e-003	21.92	17.80	5.72
278	629	-5.03e-003	-2.07e-003	5.71e-004	-5.01	12.90	2.93
	11	-5.03e-003	-3.55e-003	2.71e-003	24.88	21.94	3.96
	657	-4.66e-003	-3.55e-003	2.11e-003	19.75	-2.33	5.79
	658	-4.66e-003	-2.07e-003	-2.73e-005	1.64	1.73	4.76
279	95	2.69e-004	-1.32e-003	-1.19e-003	2.30	1.57	1.94
	639	2.69e-004	1.10e-003	-2.11e-003	10.52	-4.92	4.29
	11	-5.03e-003	1.10e-003	-4.17e-004	23.36	18.42	3.62
	629	-5.03e-003	-1.32e-003	4.97e-004	-4.73	13.02	1.26
280	630	3.34e-003	-2.57e-002	-7.70e-004	0.32	-5.33e-003	-1.20e-002
	660	3.34e-003	-2.80e-002	8.04e-004	1.18	0.12	-6.36e-002
	76	7.67e-004	-2.80e-002	-5.45e-004	0.86	1.28e-002	-4.20e-002
	75	7.67e-004	-2.57e-002	-2.12e-003	0.41	0.12	9.55e-003
281	629	-2.07e-003	-2.75e-002	-2.01e-003	-0.27	-3.15	-0.54
	658	-2.07e-003	-1.54e-002	-2.52e-003	0.31	-2.77	-0.15
	660	3.34e-003	-1.54e-002	-8.74e-004	1.25	-8.47e-002	8.13e-002
	630	3.34e-003	-2.75e-002	-3.65e-004	0.38	6.88e-002	-0.31
282	628	2.05e-003	-2.36e-002	-4.50e-004	-0.39	-0.40	-0.16
	630	2.05e-003	-2.57e-002	-1.17e-003	0.12	-0.14	-6.69e-002
	75	-1.54e-003	-2.57e-002	-2.27e-003	0.22	0.14	4.11e-002
	80	-1.54e-003	-2.36e-002	-1.55e-003	-0.24	0.24	-5.22e-002
283	95	-1.32e-003	-2.48e-002	4.86e-003	0.19	-2.14	-0.12
	629	-1.32e-003	-2.75e-002	6.30e-004	-0.27	-3.01	-0.26
	630	2.05e-003	-2.75e-002	-7.65e-004	-6.19e-003	-0.14	-0.33
	628	2.05e-003	-2.48e-002	3.46e-003	-0.41	-0.90	-0.19
284	94	-7.51e-004	-2.20e-002	7.97e-004	-0.32	-0.53	-7.00e-002
	628	-7.51e-004	-2.36e-002	3.10e-004	-0.24	-0.42	-0.15
	80	-2.66e-003	-2.36e-002	-1.20e-003	-0.27	0.15	-0.11
	92	-2.66e-003	-2.20e-002	-7.11e-004	-0.48	0.19	-2.58e-002
285	91	3.30e-003	-2.01e-002	8.00e-004	4.78e-002	-1.83	-2.49e-002
	95	3.30e-003	-2.48e-002	4.09e-003	-0.15	-1.99	-0.25
	628	-7.51e-004	-2.48e-002	4.22e-003	-0.29	-1.00	-0.26
	94	-7.51e-004	-2.01e-002	9.36e-004	-0.28	-1.14	-3.66e-002
286	90	-4.36e-004	-2.97e-002	4.05e-004	-0.32	-0.29	0.16
	94	-4.36e-004	-2.20e-002	-5.07e-004	-0.41	-0.51	7.29e-002
	92	-3.23e-003	-2.20e-002	8.83e-004	-0.51	0.23	-0.16
	96	-3.23e-003	-2.97e-002	1.79e-003	-0.41	0.40	-7.38e-002
287	87	3.92e-003	-3.06e-002	-4.23e-003	-0.23	-2.36	0.15
	91	3.92e-003	-2.01e-002	-4.69e-004	0.11	-1.86	-0.15
	94	-4.36e-004	-2.01e-002	-3.68e-004	-0.23	-1.19	1.90e-002
	90	-4.36e-004	-3.06e-002	-4.13e-003	-0.51	-1.01	0.31
288	86	2.45e-003	-3.82e-002	1.15e-003	4.61e-002	0.11	2.90e-002
	90	2.45e-003	-2.97e-002	1.07e-003	-0.64	-0.23	0.15
	96	-2.50e-003	-2.97e-002	1.95e-003	-0.41	0.59	-0.13
	84	-2.50e-003	-3.82e-002	2.02e-003	0.13	0.67	-0.25
289	83	2.52e-004	-3.72e-002	-9.94e-004	-0.49	-3.89	0.20
	87	2.52e-004	-3.06e-002	-5.29e-003	9.42e-002	-2.65	2.57e-002
	90	2.45e-003	-3.06e-002	-3.46e-003	-0.59	-0.89	0.19
	86	2.45e-003	-3.72e-002	8.38e-004	-0.22	7.24e-002	0.36
290	646	3.68e-003	-4.58e-002	-3.00e-003	1.34	0.34	-5.69e-002
	86	3.68e-003	-3.82e-002	-9.45e-004	0.27	0.27	-7.20e-002
	84	2.13e-004	-3.82e-002	1.32e-003	0.43	0.72	-0.19
	88	2.13e-004	-4.58e-002	-7.30e-004	1.10	0.76	-0.18
291	648	-1.17e-003	-2.35e-002	2.56e-003	0.20	-3.70	9.23e-002
	83	-1.17e-003	-3.72e-002	2.01e-003	-0.47	-4.12	0.61

	86	3.68e-003	-3.72e-002	-1.26e-003	0.37	0.35	0.31
	646	3.68e-003	-2.35e-002	-7.10e-004	1.49	0.24	-0.21
292	82	4.14e-003	-3.38e-002	1.10e-003	-0.30	7.81e-002	2.67e-002
	656	4.14e-003	-4.43e-002	2.62e-003	0.69	0.18	6.27e-002
	125	-1.94e-004	-4.43e-002	2.38e-003	0.76	0.88	0.26
	129	-1.94e-004	-3.38e-002	8.63e-004	-0.29	0.61	0.22
293	79	-7.17e-004	-4.28e-002	-2.82e-003	-0.66	-3.27	-0.43
	655	-7.17e-004	-2.39e-002	-1.73e-003	0.34	-3.30	-0.39
	656	4.14e-003	-2.39e-002	8.25e-004	0.55	-0.13	-3.78e-002
	82	4.14e-003	-4.00e-002	1.09e-003	-0.67	-0.39	-0.87
294	78	1.62e-003	-2.55e-002	1.29e-003	-0.46	-0.62	-0.13
	82	1.62e-003	-3.38e-002	1.06e-003	-0.38	-9.25e-002	-0.15
	129	-1.44e-003	-3.38e-002	-4.32e-005	-0.30	0.43	0.19
	133	-1.44e-003	-2.55e-002	1.85e-004	-0.58	0.21	0.21
295	626	4.96e-003	-2.17e-002	5.31e-004	8.60e-002	-1.91	0.17
	72	4.96e-003	-3.45e-002	5.03e-003	-0.39	-2.17	-0.20
	82	1.62e-003	-3.47e-002	5.86e-003	-0.72	-1.18	-0.22
	78	1.62e-003	-2.17e-002	9.11e-004	-0.23	-1.29	-4.00e-002
296	71	1.12e-003	-2.53e-002	-2.24e-003	-0.25	-0.32	0.16
	78	1.12e-003	-2.55e-002	-1.10e-003	-0.35	-0.64	0.12
	133	-5.65e-004	-2.55e-002	3.19e-004	-0.56	0.13	1.13e-002
	140	-5.65e-004	-2.53e-002	-8.19e-004	-0.13	5.02e-002	5.61e-002
297	680	4.37e-003	-2.66e-002	-4.74e-003	-0.27	-1.84	0.32
	626	4.37e-003	-2.17e-002	-8.55e-004	3.50e-002	-1.87	4.52e-002
	78	1.12e-003	-2.17e-002	-1.48e-003	-0.26	-1.21	7.47e-002
	71	1.12e-003	-2.70e-002	-5.79e-003	-0.43	-1.11	0.22
298	668	3.73e-003	-2.43e-002	-1.03e-003	0.68	-0.10	3.25e-002
	71	3.73e-003	-2.53e-002	-1.42e-003	-0.14	-0.22	6.19e-002
	140	6.13e-004	-2.53e-002	-1.68e-003	-5.48e-002	0.13	-1.43e-002
	144	6.13e-004	-2.43e-002	-1.29e-003	0.66	0.14	-4.38e-002
299	667	-1.48e-003	-1.43e-002	1.89e-003	0.36	-2.46	0.36
	677	-1.48e-003	-3.19e-002	2.10e-003	-0.39	-2.48	0.44
	71	3.73e-003	-2.99e-002	-1.15e-003	-0.42	-0.53	0.71
	668	3.73e-003	-1.43e-002	8.50e-005	0.59	-0.32	8.48e-002
300	676	2.41e-003	-2.57e-002	2.33e-003	-0.27	-0.59	-6.39e-002
	666	2.41e-003	-2.73e-002	2.62e-003	-0.18	-0.48	-3.97e-002
	165	1.73e-003	-2.73e-002	4.73e-004	-0.10	-2.28e-002	5.81e-002
	161	1.73e-003	-2.57e-002	1.88e-004	-0.28	-4.52e-002	3.39e-002
301	675	1.98e-003	-2.22e-002	2.46e-003	0.11	-1.75	-0.10
	664	1.98e-003	-3.01e-002	5.20e-003	-0.13	-1.78	-0.24
	666	2.41e-003	-3.01e-002	6.09e-003	-0.20	-0.89	-0.18
	676	2.41e-003	-2.22e-002	3.35e-003	-0.20	-1.01	-3.66e-002
302	674	5.46e-004	-2.63e-002	1.87e-005	-0.27	-0.61	7.73e-003
	676	5.46e-004	-2.57e-002	6.97e-004	-0.27	-0.61	4.06e-003
	161	1.55e-003	-2.57e-002	6.98e-004	-0.26	-6.44e-002	-1.07e-002
	156	1.55e-003	-2.63e-002	1.95e-005	-0.29	-4.41e-002	-7.03e-003
303	673	4.58e-003	-2.26e-002	-1.25e-003	-0.14	-1.80	2.49e-002
	675	4.58e-003	-2.22e-002	1.54e-003	-0.15	-1.78	-5.28e-002
	676	5.46e-004	-2.22e-002	1.71e-003	-0.24	-9.98e-001	-3.61e-002
	674	5.46e-004	-2.26e-002	-1.07e-003	-0.26	-1.01	4.16e-002
304	662	2.61e-003	-2.94e-002	-2.06e-003	-0.20	-0.48	5.94e-002
	674	2.61e-003	-2.63e-002	-1.72e-003	-0.30	-0.59	7.80e-002
	156	1.63e-003	-2.63e-002	4.37e-004	-0.28	-9.92e-003	-4.88e-002
	152	1.63e-003	-2.94e-002	9.30e-005	-0.17	5.06e-002	-6.74e-002
305	661	2.45e-003	-3.15e-002	-5.09e-003	-0.14	-1.86	0.22
	673	2.45e-003	-2.26e-002	-2.19e-003	0.10	-1.79	7.17e-002
	674	2.61e-003	-2.26e-002	-2.81e-003	-0.20	-1.03	4.28e-002
	662	2.61e-003	-3.15e-002	-5.71e-003	-0.25	-0.91	0.19
306	672	2.36e-004	-1.62e-002	-1.43e-003	0.31	0.28	0.10
	654	2.36e-004	-2.75e-002	-3.64e-003	0.17	0.17	0.13

	117	5.74e-003	-2.75e-002	-8.75e-003	0.20	-0.30	9.77e-003
	113	5.74e-003	-1.62e-002	-6.54e-003	0.35	-0.25	-1.40e-002
307	671	-3.49e-004	-1.97e-002	1.25e-003	-0.10	1.41	3.08e-002
	652	-3.49e-004	-3.30e-002	2.72e-003	-1.65e-003	1.57	0.20
	654	2.36e-004	-3.30e-002	1.82e-003	0.21	0.68	0.25
	672	2.36e-004	-1.97e-002	3.54e-004	0.16	0.78	7.58e-002
308	670	-2.44e-003	-1.67e-002	1.90e-003	0.27	0.30	-5.44e-002
	672	-2.44e-003	-1.62e-002	-1.15e-003	0.28	0.29	9.31e-003
	113	1.19e-003	-1.62e-002	-1.08e-003	0.36	-0.22	1.40e-002
	108	1.19e-003	-1.67e-002	1.97e-003	0.38	-0.23	-4.97e-002
309	669	1.66e-003	-1.98e-002	-1.11e-004	0.10	1.43	-4.80e-002
	671	1.66e-003	-1.97e-002	4.45e-004	0.11	1.41	4.40e-002
	672	-2.44e-003	-1.97e-002	6.31e-004	0.23	0.75	2.76e-002
	670	-2.44e-003	-1.98e-002	7.55e-005	0.24	0.76	-6.45e-002
310	650	3.75e-004	-2.86e-002	4.31e-003	0.17	0.19	-0.17
	670	3.75e-004	-1.67e-002	2.10e-003	0.32	0.29	-0.15
	108	5.78e-003	-1.67e-002	7.07e-003	0.34	-0.27	-1.88e-002
	104	5.78e-003	-2.86e-002	9.27e-003	0.23	-0.35	-4.10e-002
311	649	8.23e-005	-3.34e-002	-2.49e-003	5.13e-003	1.63	-0.21
	669	8.23e-005	-1.98e-002	-9.23e-004	-8.82e-002	1.44	-3.74e-002
	670	3.75e-004	-1.98e-002	2.74e-004	0.16	0.79	-0.11
	650	3.75e-004	-3.34e-002	-1.29e-003	0.24	0.71	-0.29
312	665	5.34e-003	-2.62e-002	-3.27e-003	0.25	-9.49e-002	2.69e-002
	668	5.34e-003	-2.43e-002	-2.15e-003	1.22	0.19	-7.65e-002
	144	1.29e-003	-2.43e-002	-7.02e-004	0.78	-0.17	2.24e-002
	17	1.29e-003	-2.62e-002	-1.82e-003	0.35	-6.18e-003	0.13
313	663	-5.36e-003	-3.41e-002	-3.15e-003	-0.24	-2.40	-0.64
	667	-5.36e-003	-1.43e-002	-4.73e-003	0.73	-1.35	-0.34
	668	5.34e-003	-1.43e-002	-4.67e-003	1.12	-0.54	3.53e-002
	665	5.34e-003	-3.41e-002	-3.08e-003	0.27	1.47e-002	-0.26
314	666	4.58e-003	-2.73e-002	8.66e-004	-0.20	-0.42	-5.42e-002
	665	4.58e-003	-2.62e-002	-1.38e-003	5.86e-002	-0.25	2.53e-002
	17	1.19e-003	-2.62e-002	-1.77e-003	0.23	9.45e-003	0.16
	165	1.19e-003	-2.73e-002	4.76e-004	-0.10	2.42e-002	7.85e-002
315	664	-4.72e-003	-3.01e-002	5.99e-003	0.16	-1.86	-0.19
	663	-4.72e-003	-3.41e-002	4.57e-004	-3.30e-002	-2.42	-0.26
	665	4.58e-003	-3.41e-002	-1.19e-003	0.10	-0.18	-0.23
	666	4.58e-003	-3.01e-002	4.34e-003	-0.18	-0.79	-0.15
316	659	4.76e-003	-2.94e-002	1.16e-003	-8.63e-003	-0.25	-1.62e-002
	662	4.76e-003	-2.94e-002	-4.88e-004	-0.25	-0.43	7.41e-002
	152	1.12e-003	-2.94e-002	-1.86e-004	-0.12	0.12	-7.90e-002
	148	1.12e-003	-2.94e-002	1.46e-003	0.16	0.12	-0.17
317	657	-4.09e-003	-3.60e-002	-6.48e-004	-9.37e-002	-2.58	0.25
	661	-4.09e-003	-3.15e-002	-5.93e-003	0.12	-1.96	0.18
	662	4.76e-003	-3.15e-002	-4.14e-003	-0.22	-0.81	0.17
	659	4.76e-003	-3.60e-002	1.14e-003	1.44e-002	-0.18	0.24
318	660	4.89e-003	-2.80e-002	1.07e-003	1.09	0.19	2.08e-002
	659	4.89e-003	-2.94e-002	2.36e-003	0.18	-0.11	-2.56e-002
	148	1.25e-003	-2.94e-002	8.22e-004	0.34	0.12	-0.14
	76	1.25e-003	-2.80e-002	-4.71e-004	0.77	-3.28e-002	-9.34e-002
319	658	-4.66e-003	-1.54e-002	5.42e-003	0.74	-1.63	0.39
	657	-4.66e-003	-3.60e-002	3.06e-003	-0.33	-2.57	0.65
	659	4.89e-003	-3.60e-002	2.35e-003	0.16	1.99e-002	0.26
	660	4.89e-003	-1.54e-002	4.71e-003	1.02	-0.39	-6.75e-004
320	653	6.39e-003	-3.70e-002	-1.06e-002	-0.21	-0.22	0.14
	656	6.39e-003	-4.43e-002	-6.48e-003	-1.59	-0.80	0.28
	125	5.58e-003	-4.43e-002	-4.42e-003	-0.85	0.15	0.19
	121	5.58e-003	-3.70e-002	-8.54e-003	-0.49	-0.32	4.97e-002
321	651	-6.98e-003	-4.32e-002	-7.14e-003	0.41	2.65	0.70
	655	-6.98e-003	-2.39e-002	-6.67e-003	-1.13	1.34	0.37

	656	6.39e-003	-2.39e-002	-9.72e-003	-1.26	0.69	0.12
	653	6.39e-003	-4.32e-002	-1.02e-002	-0.44	-0.29	0.45
322	654	4.23e-003	-2.75e-002	-6.87e-003	0.25	0.13	0.15
	653	4.23e-003	-3.70e-002	-8.50e-003	-0.11	-3.40e-002	8.27e-002
	121	3.85e-003	-3.70e-002	-1.12e-002	-0.22	-0.36	-4.54e-002
	117	3.85e-003	-2.75e-002	-9.54e-003	0.14	-0.37	1.90e-002
323	652	-6.97e-003	-3.30e-002	3.67e-003	-7.91e-002	1.74	0.11
	651	-6.97e-003	-4.32e-002	-3.02e-003	-0.18	2.60	0.21
	653	4.23e-003	-4.32e-002	-8.10e-003	-0.13	-0.12	0.35
	654	4.23e-003	-3.30e-002	-1.41e-003	0.17	0.57	0.25
324	647	4.23e-003	-3.87e-002	8.03e-003	-6.72e-002	2.49e-003	-0.10
	650	4.23e-003	-2.86e-002	7.30e-003	0.27	0.16	-0.19
	104	3.88e-003	-2.86e-002	9.74e-003	0.13	-0.43	-5.22e-002
	100	3.88e-003	-3.87e-002	1.05e-002	-0.20	-0.44	3.31e-002
325	645	-6.31e-003	-4.35e-002	2.76e-003	-0.14	2.69	-0.22
	649	-6.31e-003	-3.34e-002	-3.45e-003	-3.13e-002	1.81	-0.12
	650	4.23e-003	-3.34e-002	1.70e-003	0.19	0.60	-0.28
	647	4.23e-003	-4.35e-002	7.91e-003	-6.54e-002	-7.33e-002	-0.37
326	646	5.61e-003	-4.58e-002	5.34e-003	-1.39	-0.66	-0.18
	647	5.61e-003	-3.87e-002	9.29e-003	-0.19	-0.16	-0.13
	100	5.64e-003	-3.87e-002	7.26e-003	-0.48	-0.43	-3.72e-002
	88	5.64e-003	-4.58e-002	3.31e-003	-0.93	-4.21e-002	-8.77e-002
327	648	-6.14e-003	-2.35e-002	7.56e-003	-1.12	1.65	-0.44
	645	-6.14e-003	-4.35e-002	6.89e-003	0.46	2.74	-0.71
	647	5.61e-003	-4.35e-002	9.17e-003	-0.31	-0.27	-0.43
	646	5.61e-003	-2.35e-002	9.84e-003	-1.15	0.44	-0.16
328	51	-4.64e-003	-1.81e-002	9.04e-003	2.88e-002	1.86	-0.16
	159	-4.64e-003	3.05e-002	1.09e-003	1.11	2.24	-0.48
	142	5.70e-003	3.05e-002	5.26e-003	-0.51	1.20	9.22e-002
	53	5.70e-003	-1.81e-002	1.32e-002	0.56	0.90	0.41
329	43	-2.70e-004	-1.87e-002	9.29e-003	0.12	1.47	-0.39
	154	-2.70e-004	1.31e-002	1.25e-003	0.80	2.08	-0.30
	159	-4.64e-003	1.31e-002	1.84e-003	0.64	1.20	-0.28
	51	-4.64e-003	-1.87e-002	9.89e-003	0.58	1.79	-0.37
330	128	1.09e-003	-2.49e-002	1.01e-002	-0.13	0.73	-0.35
	363	1.09e-003	-3.32e-003	2.66e-003	0.38	1.33	-0.22
	154	-2.70e-004	-3.32e-003	1.11e-003	0.25	0.60	-0.29
	43	-2.70e-004	-2.49e-002	8.51e-003	0.43	1.28	-0.42
331	50	-7.50e-004	-8.17e-002	-2.55e-003	2.62e-003	1.51	-0.32
	43	-7.50e-004	-1.87e-002	8.34e-003	0.18	1.42	-0.34
	51	2.25e-003	-1.87e-002	1.68e-002	0.21	1.76	-0.28
	52	2.25e-003	-8.17e-002	5.96e-003	-5.98e-002	1.56	-0.26
332	362	-1.36e-003	-6.08e-002	2.49e-003	3.55e-002	0.82	-0.30
	128	-1.36e-003	-2.49e-002	1.08e-002	0.12	0.73	-0.31
	43	-7.50e-004	-2.49e-002	7.56e-003	0.12	1.30	-0.35
	50	-7.50e-004	-6.08e-002	-7.43e-004	2.54e-003	1.28	-0.33
333	36	-4.45e-004	-1.34e-002	-8.39e-003	-5.45e-002	3.78	-0.23
	41	-4.45e-004	-8.60e-002	2.59e-003	-0.16	3.57	-0.28
	42	2.70e-003	-8.60e-002	-5.41e-003	-0.23	2.88	-0.76
	37	2.70e-003	-1.34e-002	-1.64e-002	-8.97e-002	3.63	-0.71
334	604	-1.41e-003	-2.00e-002	-1.13e-002	0.17	2.66	0.18
	357	-1.41e-003	-6.44e-002	-3.18e-003	-5.82e-002	2.54	3.76e-002
	41	-4.45e-004	-6.44e-002	3.57e-004	-6.85e-002	3.33	-0.17
	36	-4.45e-004	-2.00e-002	-7.76e-003	-0.11	3.63	-2.88e-002
335	35	-4.30e-003	3.52e-002	-3.81e-003	1.07	4.68	-0.27
	37	-4.30e-003	-1.62e-002	-1.06e-002	-0.52	3.12	-0.94
	40	4.65e-003	-1.62e-002	-1.38e-002	0.40	0.41	-1.49
	131	4.65e-003	3.52e-002	-7.02e-003	-2.14	-0.50	-0.81
336	34	-3.09e-004	2.77e-002	-1.24e-003	1.16	5.03	-3.22e-002
	36	-3.09e-004	-1.34e-002	-8.89e-003	-0.11	4.01	-0.11

	37	-4.30e-003	-1.34e-002	-1.13e-002	0.21	3.76	-0.43
	35	-4.30e-003	2.77e-002	-3.69e-003	0.57	3.12	-0.35
337	356	9.65e-004	9.01e-003	-7.15e-004	0.90	3.79	0.16
	604	9.65e-004	-2.00e-002	-8.77e-003	-0.40	2.70	0.28
	36	-3.09e-004	-2.00e-002	-8.26e-003	0.50	3.76	0.16
	34	-3.09e-004	9.01e-003	-2.06e-004	0.43	2.82	3.33e-002
338	31	-9.19e-003	-5.22e-002	5.67e-003	-0.58	2.30	0.14
	35	-9.19e-003	3.52e-002	-5.36e-003	0.67	2.69	-0.61
	131	2.38e-002	3.52e-002	-6.05e-003	-1.96	1.81	0.28
	33	2.38e-002	-5.22e-002	4.98e-003	0.20	0.75	1.03
339	29	-7.77e-003	-5.86e-002	5.01e-003	5.58e-002	2.24	-0.26
	34	-7.77e-003	2.77e-002	-3.17e-003	0.83	2.46	-0.38
	35	-9.19e-003	2.77e-002	-1.95e-003	0.68	2.38	-0.29
	31	-9.19e-003	-5.86e-002	6.22e-003	-8.42e-002	2.46	-0.17
340	579	-1.25e-003	-5.84e-002	2.09e-002	-7.35e-003	1.08	-0.40
	356	-1.25e-003	9.01e-003	5.71e-003	0.51	1.90	-0.26
	34	-7.77e-003	9.01e-003	-2.24e-003	0.60	1.31	-0.25
	29	-7.77e-003	-5.84e-002	1.30e-002	0.26	2.11	-0.39
341	30	3.15e-004	-0.17	-4.95e-003	-6.09e-002	2.19	-0.17
	29	3.15e-004	-5.86e-002	1.96e-003	-5.24e-003	2.13	-0.24
	31	-2.75e-005	-5.86e-002	2.30e-002	-0.12	2.36	3.50e-003
	32	-2.75e-005	-0.17	1.61e-002	-0.12	1.92	7.33e-002
342	364	-8.17e-003	-0.17	-1.71e-002	-1.74e-002	1.35	-0.25
	579	-8.17e-003	-5.84e-002	1.67e-002	3.81e-002	1.08	-0.28
	29	3.15e-004	-5.84e-002	9.92e-003	-4.24e-002	2.07	-0.28
	30	3.15e-004	-0.17	-2.39e-002	-2.02e-002	1.80	-0.25
343	23	-1.31e-004	-6.02e-002	-1.56e-003	0.18	1.19	0.18
	26	-1.31e-004	-0.16	4.88e-003	-7.99e-002	1.20	0.10
	27	-2.96e-004	-0.16	-1.68e-002	-1.68e-003	1.07	2.24e-002
	24	-2.96e-004	-6.02e-002	-2.32e-002	-9.29e-002	1.21	0.10
344	516	-1.01e-002	-5.90e-002	-1.53e-002	6.37e-002	0.39	-4.67e-002
	365	-1.01e-002	-0.17	1.90e-002	7.26e-002	0.76	-5.10e-002
	26	-1.31e-004	-0.17	2.53e-002	1.83e-002	0.86	0.13
	23	-1.31e-004	-5.90e-002	-9.03e-003	0.11	0.95	0.13
345	22	-9.33e-003	3.36e-002	6.30e-003	0.22	-0.74	0.58
	24	-9.33e-003	-5.31e-002	-4.88e-003	0.13	1.45	-0.29
	25	2.48e-002	-5.31e-002	-5.37e-003	-0.53	0.36	-0.86
	138	2.48e-002	3.36e-002	5.81e-003	-1.27	3.48	9.49e-003
346	21	-8.85e-003	1.52e-002	1.91e-003	0.71	0.19	0.35
	23	-8.85e-003	-6.02e-002	-5.25e-003	0.44	1.19	0.16
	24	-9.33e-003	-6.02e-002	-5.00e-003	-0.21	1.40	-5.51e-002
	22	-9.33e-003	1.52e-002	2.17e-003	0.89	2.74	0.14
347	361	-2.36e-003	3.07e-003	-8.22e-003	0.49	1.20	-0.12
	516	-2.36e-003	-5.90e-002	-2.14e-002	1.39e-002	0.32	0.10
	23	-8.85e-003	-5.90e-002	-1.27e-002	0.56	0.93	0.19
	21	-8.85e-003	3.07e-003	4.44e-004	0.50	-9.25e-002	-3.40e-002
348	18	4.65e-003	-5.39e-002	-8.26e-004	-0.75	1.85	0.65
	22	4.65e-003	3.36e-002	7.50e-003	0.65	4.34	0.83
	138	-1.33e-002	3.36e-002	3.07e-002	-1.02	-0.53	1.44
	20	-1.33e-002	-5.39e-002	2.24e-002	1.20	0.41	1.26
349	15	3.89e-003	-2.12e-002	1.18e-003	-0.64	3.07	3.58e-002
	21	3.89e-003	1.52e-002	4.20e-003	0.71	4.08	0.10
	22	4.65e-003	1.52e-002	4.27e-003	0.82	2.94	0.66
	18	4.65e-003	-2.12e-002	1.25e-003	-0.66	2.50	0.60
350	491	6.52e-004	-1.93e-002	7.78e-004	-0.30	2.30	-0.50
	361	6.52e-004	3.07e-003	-3.25e-003	0.35	2.99	-0.48
	21	3.89e-003	3.07e-003	-1.24e-003	0.55	3.08	-0.14
	15	3.89e-003	-1.93e-002	2.78e-003	-0.47	2.91	-0.16
351	19	5.63e-003	6.53e-003	-3.46e-003	1.05e-003	1.50	0.43
	18	5.63e-003	-5.39e-002	-1.37e-003	-0.17	1.61	0.85

	20	-1.32e-002	-5.39e-002	-2.11e-002	0.53	0.34	0.90
	137	-1.32e-002	6.53e-003	-2.32e-002	-3.40e-002	0.34	0.47
352	16	3.70e-003	-2.79e-002	-4.87e-003	-0.13	2.25	4.44e-002
	15	3.70e-003	-2.12e-002	-3.60e-004	-0.32	2.68	0.18
	18	5.63e-003	-2.12e-002	7.06e-004	-0.12	2.33	0.57
	19	5.63e-003	-2.79e-002	-3.81e-003	-0.11	1.78	0.43
353	360	4.17e-004	-3.46e-002	6.80e-004	-0.13	1.92	-0.26
	491	4.17e-004	-1.93e-002	3.54e-003	-0.10	2.19	-0.40
	15	3.70e-003	-1.93e-002	1.24e-003	-0.34	2.67	-0.12
	16	3.70e-003	-3.46e-002	-1.62e-003	-0.10	2.24	1.49e-002
354	9	5.21e-003	-5.49e-002	-3.18e-004	-9.19e-002	0.75	-0.30
	13	5.21e-003	7.72e-003	3.20e-003	-1.04e-002	0.63	-0.13
	135	-1.24e-002	7.72e-003	2.32e-002	-4.14e-002	0.17	-0.22
	10	-1.24e-002	-5.49e-002	1.97e-002	0.21	0.28	-0.39
355	8	2.95e-003	-2.26e-002	-8.22e-005	-5.39e-002	0.90	2.95e-002
	12	2.95e-003	-2.43e-002	5.07e-003	-5.43e-002	0.77	2.14e-002
	13	5.21e-003	-2.43e-002	3.42e-003	-3.12e-002	0.70	-0.13
	9	5.21e-003	-2.26e-002	-1.73e-003	-8.97e-002	0.96	-0.12
356	454	8.95e-005	-2.09e-002	-2.25e-003	1.05e-002	0.60	0.13
	359	8.95e-005	-3.10e-002	-4.91e-004	-2.49e-002	0.57	7.77e-002
	12	2.95e-003	-3.10e-002	1.41e-003	-2.41e-002	0.73	3.47e-002
	8	2.95e-003	-2.09e-002	-3.44e-004	-7.64e-002	0.81	8.94e-002
357	7	4.28e-003	2.91e-002	-4.78e-003	0.59	2.23	-8.38e-002
	9	4.28e-003	-5.49e-002	5.89e-004	-0.49	0.98	-0.11
	10	-1.20e-002	-5.49e-002	-2.30e-002	0.38	0.42	-0.72
	134	-1.20e-002	2.91e-002	-2.84e-002	-0.31	0.72	-0.69
358	6	3.25e-003	1.46e-003	-3.58e-003	0.22	1.37	4.69e-003
	8	3.25e-003	-2.26e-002	-1.82e-003	-0.14	0.99	7.53e-002
	9	4.28e-003	-2.26e-002	-8.27e-004	-0.28	1.03	-4.40e-002
	7	4.28e-003	1.46e-003	-2.59e-003	0.48	0.96	-0.11
359	358	4.34e-004	-9.02e-003	1.43e-003	9.34e-003	0.67	0.10
	454	4.34e-004	-2.09e-002	-7.41e-004	6.53e-004	0.58	0.13
	8	3.25e-003	-2.09e-002	-2.08e-003	-4.91e-002	0.86	0.13
	6	3.25e-003	-9.02e-003	9.37e-005	0.10	0.77	0.10
360	2	-3.96e-003	-2.18e-002	6.06e-003	0.21	1.10	0.25
	7	-3.96e-003	2.91e-002	-9.73e-004	0.26	-0.48	-0.12
	134	4.26e-003	2.91e-002	2.32e-003	-0.22	2.88	0.34
	5	4.26e-003	-2.18e-002	9.35e-003	-0.25	0.54	0.72
361	167	-6.88e-004	-2.29e-002	8.84e-003	0.29	0.69	-0.17
	6	-6.88e-004	1.46e-003	1.16e-003	0.22	5.32e-003	-0.18
	7	-3.96e-003	1.46e-003	-2.63e-004	0.62	2.15	7.47e-002
	2	-3.96e-003	-2.29e-002	7.42e-003	-0.15	1.05	8.68e-002
362	429	5.06e-004	-2.66e-002	8.98e-003	1.59e-003	8.14e-002	-0.10
	358	5.06e-004	-9.02e-003	3.38e-003	8.41e-002	0.51	1.58e-002
	6	-6.88e-004	-9.02e-003	1.94e-003	2.48e-002	-0.11	-2.95e-002
	167	-6.88e-004	-2.66e-002	7.53e-003	0.35	0.39	-0.15
363	168	-1.23e-003	-6.60e-002	-2.10e-003	-4.77e-002	0.66	-0.12
	167	-1.23e-003	-2.29e-002	7.53e-003	0.11	0.73	-0.18
	2	1.72e-003	-2.29e-002	1.50e-002	-6.65e-002	0.85	-0.11
	3	1.72e-003	-6.60e-002	5.33e-003	-1.41e-003	0.79	-4.92e-002
364	367	-1.09e-003	-4.83e-002	1.18e-003	4.02e-002	0.24	-3.46e-002
	429	-1.09e-003	-2.66e-002	8.27e-003	6.47e-002	0.13	-5.41e-002
	167	-1.23e-003	-2.66e-002	6.22e-003	4.42e-002	0.41	-0.15
	168	-1.23e-003	-4.83e-002	-8.73e-004	1.94e-002	0.48	-0.13
365	151	-6.48e-004	-2.19e-002	-7.05e-003	7.22e-002	1.65	3.22e-002
	163	-6.48e-004	-7.13e-002	2.20e-003	-3.28e-002	1.66	8.88e-003
	164	1.61e-003	-7.13e-002	-5.25e-003	-5.12e-002	1.56	-0.17
	155	1.61e-003	-2.19e-002	-1.45e-002	4.13e-002	1.91	-0.14
366	392	-1.18e-003	-2.65e-002	-9.30e-003	0.11	0.91	9.27e-002
	366	-1.18e-003	-5.30e-002	-1.75e-003	2.09e-002	0.99	3.77e-002

	163	-6.48e-004	-5.30e-002	9.88e-004	1.93e-003		1.42	3.17e-002
	151	-6.48e-004	-2.65e-002	-6.56e-003	1.18e-002		1.51	8.68e-002
367	159	-3.98e-003	3.05e-002	-5.17e-004	0.99		2.58	-0.12
	155	-3.98e-003	-2.11e-002	-6.11e-003	-0.23		1.85	-0.32
	160	3.11e-003	-2.11e-002	-7.68e-003	0.62		0.85	-1.07
	142	3.11e-003	3.05e-002	-2.09e-003	-0.36		1.33	-0.86
368	154	-2.94e-004	1.31e-002	1.58e-004	0.60		2.04	-3.35e-002
	151	-2.94e-004	-2.19e-002	-7.64e-003	9.27e-002		1.70	5.11e-002
	155	-3.98e-003	-2.19e-002	-7.97e-003	0.16		2.03	-7.00e-002
	159	-3.98e-003	1.31e-002	-1.70e-004	0.74		1.89	-0.15
369	363	8.05e-004	-3.32e-003	-1.20e-003	0.23		1.32	-1.33e-002
	392	8.05e-004	-2.65e-002	-8.38e-003	1.67e-003		0.87	0.12
	151	-2.94e-004	-2.65e-002	-7.16e-003	0.23		1.57	0.12
	154	-2.94e-004	-3.32e-003	1.75e-005	0.33		1.12	-1.20e-002
373	126	2.12e-003	-2.89e-002	5.43e-003	-0.17	1.72e-002		-0.21
	391	2.12e-003	-2.19e-002	8.35e-004	-7.36e-002		0.31	-0.14
	363	1.09e-003	-2.19e-002	3.07e-003	-0.11	5.05e-002		-0.24
	128	1.09e-003	-2.89e-002	7.67e-003	0.15		0.43	-0.30
374	123	1.40e-003	-3.14e-002	1.59e-003	-0.11		-0.18	-8.82e-002
	389	1.40e-003	-3.25e-002	-1.32e-003	-0.12	-4.39e-002		-0.11
	391	2.12e-003	-3.25e-002	3.25e-004	-0.33		-0.40	-0.17
	126	2.12e-003	-3.14e-002	3.24e-003	-4.10e-003		-0.20	-0.15
375	119	3.54e-005	-3.13e-002	3.50e-004	-5.11e-002		-0.15	-7.21e-002
	387	3.54e-005	-3.30e-002	-3.15e-004	-3.77e-002		-0.10	-0.10
	389	1.40e-003	-3.30e-002	-1.16e-003	-0.15		-0.26	-0.11
	123	1.40e-003	-3.13e-002	-5.00e-004	-5.89e-002		-0.21	-8.23e-002
376	115	5.86e-005	-3.18e-002	-4.34e-004	-3.38e-002		-0.18	-8.96e-002
	385	5.86e-005	-3.28e-002	-1.92e-004	-4.81e-002		-0.19	-8.55e-002
	387	3.54e-005	-3.28e-002	8.05e-005	-3.31e-002		-0.14	-9.01e-002
	119	3.54e-005	-3.18e-002	-1.62e-004	-3.17e-002		-0.15	-9.42e-002
377	111	3.96e-005	-3.19e-002	-4.25e-004	-3.57e-002		-0.19	-7.57e-002
	383	3.96e-005	-3.31e-002	-1.07e-004	-5.70e-002		-0.22	-7.14e-002
	385	5.86e-005	-3.31e-002	-1.74e-004	-3.53e-002		-0.15	-8.23e-002
	115	5.86e-005	-3.19e-002	-4.91e-004	-3.94e-002		-0.16	-8.66e-002
378	106	-3.68e-005	-3.19e-002	-4.40e-004	-2.02e-002		-0.15	-5.32e-002
	381	-3.68e-005	-3.26e-002	-5.58e-005	-4.56e-002		-0.18	-5.72e-002
	383	3.96e-005	-3.26e-002	-8.37e-005	-3.40e-002		-0.16	-6.75e-002
	111	3.96e-005	-3.19e-002	-4.68e-004	-4.91e-002		-0.17	-6.34e-002
379	102	-3.54e-006	-3.18e-002	-3.88e-004	-9.52e-003		-0.12	-4.71e-002
	379	-3.54e-006	-3.17e-002	-5.60e-005	-2.54e-002		-0.13	-5.15e-002
	381	-3.68e-005	-3.17e-002	-4.28e-005	-1.66e-002		-0.12	-5.34e-002
	106	-3.68e-005	-3.18e-002	-3.75e-004	-3.68e-002		-0.13	-4.90e-002
380	98	1.25e-004	-3.16e-002	-3.69e-004	-7.14e-003	-7.07e-002		-4.53e-002
	377	1.25e-004	-3.08e-002	5.08e-006	-1.96e-002	-9.09e-002		-4.60e-002
	379	-3.54e-006	-3.08e-002	-4.13e-005	-8.88e-003	-8.32e-002		-4.93e-002
	102	-3.54e-006	-3.16e-002	-4.16e-004	-2.09e-002		-0.10	-4.86e-002
381	61	3.13e-005	-3.15e-002	-7.54e-004	-1.15e-002	-3.23e-002		-3.99e-002
	375	3.13e-005	-2.99e-002	-2.20e-004	-1.45e-002	-5.30e-002		-4.00e-002
	377	1.25e-004	-2.99e-002	-2.54e-005	-2.23e-003	-2.70e-002		-4.40e-002
	98	1.25e-004	-3.15e-002	-5.60e-004	-2.41e-002	-4.39e-002		-4.39e-002
382	621	-8.67e-005	-3.17e-002	-8.65e-004	-5.59e-003	-5.93e-002		-3.69e-002
	373	-8.67e-005	-2.96e-002	-3.63e-004	-1.76e-002	-8.77e-002		-3.45e-002
	375	3.13e-005	-2.96e-002	-2.97e-004	1.25e-002	6.91e-003		-3.86e-002
	61	3.13e-005	-3.17e-002	-7.99e-004	-2.55e-002	-1.75e-002		-4.11e-002
383	619	-8.04e-006	-3.22e-002	-7.78e-004	1.19e-003		-0.12	-2.78e-002
	371	-8.04e-006	-3.01e-002	-4.45e-004	-7.57e-003		-0.14	-2.59e-002
	373	-8.67e-005	-3.01e-002	-4.10e-004	1.40e-002	-4.29e-002		-3.16e-002
	621	-8.67e-005	-3.22e-002	-7.43e-004	-1.21e-002	-6.03e-002		-3.36e-002
384	617	2.76e-004	-3.27e-002	-7.23e-004	5.49e-003		-0.10	-8.72e-003
	369	2.76e-004	-3.06e-002	-2.81e-004	2.34e-002		-0.11	-1.30e-002

	371	-8.04e-006	-3.06e-002	-4.19e-004	8.43e-003	-0.12	-2.22e-002
	619	-8.04e-006	-3.27e-002	-8.62e-004	2.49e-003	-0.12	-1.80e-002
385	355	1.46e-004	-3.38e-002	-1.90e-003	4.50e-003	-0.12	2.61e-003
	289	1.46e-004	-3.13e-002	-1.13e-003	4.58e-002	-0.12	-1.95e-004
	369	2.76e-004	-3.13e-002	-4.43e-004	3.25e-002	-0.11	-8.94e-003
	617	2.76e-004	-3.38e-002	-1.21e-003	5.90e-003	-0.11	-6.14e-003
386	127	7.18e-003	-3.99e-002	3.25e-003	-4.78e-002	0.11	-0.21
	126	7.18e-003	-2.89e-002	5.60e-003	-1.24e-002	1.16e-002	-0.17
	128	-1.36e-003	-2.89e-002	8.42e-003	3.98e-002	0.50	-0.26
	362	-1.36e-003	-3.99e-002	6.07e-003	1.84e-002	0.55	-0.31
387	124	-1.36e-003	-2.88e-002	-4.43e-003	-2.92e-003	-0.23	-4.90e-002
	123	-1.36e-003	-3.14e-002	2.01e-003	-5.72e-002	-0.19	-6.91e-002
	126	7.18e-003	-3.14e-002	3.40e-003	-4.07e-002	-0.15	-0.14
	127	7.18e-003	-2.88e-002	-3.04e-003	-6.99e-002	7.58e-003	-0.12
388	120	-9.41e-005	-2.94e-002	1.76e-005	-1.02e-002	-0.19	-6.88e-002
	119	-9.41e-005	-3.13e-002	3.17e-004	-3.80e-002	-0.16	-7.18e-002
	123	-1.36e-003	-3.13e-002	-7.27e-005	-3.43e-002	-0.20	-6.07e-002
	124	-1.36e-003	-2.94e-002	-3.72e-004	-2.15e-002	-0.19	-5.76e-002
389	116	-2.35e-005	-2.98e-002	3.09e-005	-1.09e-002	-0.17	-9.49e-002
	115	-2.35e-005	-3.18e-002	-3.26e-004	-2.56e-002	-0.18	-0.10
	119	-9.41e-005	-3.18e-002	-1.94e-004	-3.47e-002	-0.15	-8.27e-002
	120	-9.41e-005	-2.98e-002	1.63e-004	-9.49e-003	-0.18	-7.96e-002
390	112	8.87e-005	-3.00e-002	1.65e-004	-6.41e-002	-0.13	-0.10
	111	8.87e-005	-3.19e-002	-4.57e-004	-4.12e-002	-0.18	-7.20e-002
	115	-2.35e-005	-3.19e-002	-3.83e-004	-3.58e-002	-0.16	-8.90e-002
	116	-2.35e-005	-3.00e-002	2.39e-004	-1.02e-002	-0.19	-0.11
391	107	1.08e-005	-3.11e-002	1.02e-004	-1.01e-002	-0.16	-2.78e-002
	106	1.08e-005	-3.19e-002	-4.46e-004	-3.00e-002	-0.14	-5.29e-002
	111	8.87e-005	-3.19e-002	-5.00e-004	-3.93e-002	-0.17	-7.19e-002
	112	8.87e-005	-3.11e-002	4.71e-005	-6.41e-002	-0.13	-4.68e-002
392	103	-4.82e-006	-3.19e-002	-6.07e-005	-2.97e-003	-0.12	-4.73e-002
	102	-4.82e-006	-3.18e-002	-4.38e-004	-1.33e-002	-0.12	-5.06e-002
	106	1.08e-005	-3.18e-002	-3.82e-004	-1.56e-002	-0.14	-4.57e-002
	107	1.08e-005	-3.19e-002	-3.98e-006	-8.79e-003	-0.14	-4.24e-002
393	99	-7.28e-005	-3.29e-002	3.10e-005	-6.01e-003	-7.13e-002	-5.55e-002
	98	-7.28e-005	-3.16e-002	-3.73e-004	-1.31e-002	-6.96e-002	-5.28e-002
	102	-4.82e-006	-3.16e-002	-4.65e-004	-1.11e-002	-0.10	-4.88e-002
	103	-4.82e-006	-3.29e-002	-6.10e-005	-1.37e-003	-0.11	-5.15e-002
394	62	1.62e-004	-3.35e-002	2.30e-004	-4.95e-002	-2.41e-004	-5.89e-002
	61	1.62e-004	-3.15e-002	-7.60e-004	-2.72e-002	-3.22e-002	-3.90e-002
	98	-7.28e-005	-3.15e-002	-5.64e-004	-1.77e-002	-4.05e-002	-4.80e-002
	99	-7.28e-005	-3.35e-002	4.25e-004	-8.82e-003	-5.82e-002	-6.79e-002
395	622	3.27e-005	-3.51e-002	3.18e-004	-7.59e-003	-5.38e-002	-1.42e-002
	621	3.27e-005	-3.17e-002	-6.16e-004	-1.21e-002	-4.83e-002	-3.65e-002
	61	1.62e-004	-3.17e-002	-8.05e-004	-2.56e-002	-2.48e-002	-4.73e-002
	62	1.62e-004	-3.51e-002	1.29e-004	-5.01e-002	-2.17e-003	-2.50e-002
396	620	-1.71e-005	-3.56e-002	6.73e-006	2.38e-003	-9.48e-002	-2.08e-002
	619	-1.71e-005	-3.22e-002	-6.30e-004	5.34e-003	-0.11	-2.76e-002
	621	3.27e-005	-3.22e-002	-4.94e-004	-4.87e-003	-6.56e-002	-3.13e-002
	622	3.27e-005	-3.56e-002	1.43e-004	-4.38e-003	-7.25e-002	-2.46e-002
397	618	-2.19e-004	-3.63e-002	2.31e-004	-5.88e-004	-0.11	-1.62e-002
	617	-2.19e-004	-3.27e-002	-5.14e-004	1.48e-003	-0.11	-1.35e-002
	619	-1.71e-005	-3.27e-002	-7.15e-004	5.16e-003	-0.12	-1.78e-002
	620	-1.71e-005	-3.63e-002	3.03e-005	2.61e-003	-0.10	-2.05e-002
398	288	8.18e-004	-3.62e-002	8.44e-004	-4.46e-002	-0.13	-2.95e-002
	355	8.18e-004	-3.38e-002	-1.43e-003	-2.60e-002	-0.13	-6.77e-003
	617	-2.19e-004	-3.38e-002	-1.01e-003	-3.98e-003	-0.10	-5.51e-003
	618	-2.19e-004	-3.62e-002	1.26e-003	-9.59e-003	-0.10	-2.82e-002
399	603	7.00e-003	-2.82e-002	-5.57e-003	0.12	0.42	4.71e-002
	616	7.00e-003	-3.98e-002	-3.86e-003	0.13	0.52	-3.69e-002

	357	-1.41e-003	-3.98e-002	-7.00e-003	4.51e-002	1.83	6.63e-002
	604	-1.41e-003	-2.82e-002	-8.71e-003	-2.03e-003	1.77	0.15
400	602	-1.37e-003	-3.42e-002	-1.62e-003	-2.87e-002	-0.37	-0.21
	615	-1.37e-003	-2.62e-002	4.25e-003	6.21e-002	-0.30	-0.15
	616	7.00e-003	-2.62e-002	2.66e-003	0.10	0.14	-3.65e-002
	603	7.00e-003	-3.42e-002	-3.22e-003	6.44e-002	2.89e-002	-8.84e-002
401	601	-4.24e-005	-3.47e-002	-5.19e-005	-5.68e-002	-0.18	-0.22
	614	-4.24e-005	-2.70e-002	2.58e-006	3.24e-004	-0.20	-0.20
	615	-1.37e-003	-2.70e-002	4.55e-004	-2.47e-002	-0.22	-0.21
	602	-1.37e-003	-3.47e-002	4.00e-004	1.61e-003	-0.23	-0.22
402	600	5.63e-005	-3.46e-002	5.17e-004	-2.84e-002	-8.84e-002	-0.16
	613	5.63e-005	-2.82e-002	7.69e-005	-3.79e-003	-0.11	-0.17
	614	-4.24e-005	-2.82e-002	-9.44e-005	-9.04e-003	-0.17	-0.20
	601	-4.24e-005	-3.46e-002	3.46e-004	-4.47e-002	-0.14	-0.19
403	599	1.11e-004	-3.43e-002	2.35e-004	1.01e-002	-7.15e-002	-0.10
	612	1.11e-004	-2.92e-002	5.35e-006	5.63e-002	-0.13	-0.13
	613	5.63e-005	-2.92e-002	1.49e-004	7.93e-003	-0.10	-0.17
	600	5.63e-005	-3.43e-002	3.78e-004	-1.73e-002	-0.10	-0.14
404	598	-2.90e-005	-3.43e-002	3.67e-004	7.94e-003	-7.90e-002	-7.18e-002
	611	-2.90e-005	-2.96e-002	2.18e-004	6.75e-003	-6.61e-002	-4.91e-002
	612	1.11e-004	-2.96e-002	9.78e-005	6.12e-002	-0.13	-7.93e-002
	599	1.11e-004	-3.43e-002	2.47e-004	1.07e-002	-7.01e-002	-0.10
405	597	8.85e-006	-3.43e-002	3.62e-004	-1.00e-003	-6.06e-002	-5.80e-002
	610	8.85e-006	-3.05e-002	-5.57e-005	4.65e-004	-6.02e-002	-5.61e-002
	611	-2.90e-005	-3.05e-002	2.57e-005	6.07e-003	-6.91e-002	-6.05e-002
	598	-2.90e-005	-3.43e-002	4.43e-004	-1.84e-003	-6.17e-002	-6.23e-002
406	596	3.74e-005	-3.44e-002	4.20e-004	1.11e-003	-6.34e-002	-5.25e-002
	609	3.74e-005	-3.11e-002	9.86e-006	5.07e-003	-6.26e-002	-5.50e-002
	610	8.85e-006	-3.11e-002	-6.22e-005	1.41e-004	-6.09e-002	-5.77e-002
	597	8.85e-006	-3.44e-002	3.48e-004	-3.36e-004	-5.58e-002	-5.52e-002
407	595	1.59e-004	-3.46e-002	1.17e-004	1.65e-002	-6.80e-002	-2.72e-002
	608	1.59e-004	-3.19e-002	5.97e-005	4.58e-002	-0.10	-4.58e-002
	609	3.74e-005	-3.19e-002	2.26e-004	5.64e-003	-6.26e-002	-6.42e-002
	596	3.74e-005	-3.46e-002	2.83e-004	9.74e-003	-6.90e-002	-4.56e-002
408	594	-7.12e-005	-3.48e-002	3.69e-004	8.49e-003	-7.84e-002	-9.74e-003
	607	-7.12e-005	-3.17e-002	4.15e-004	6.99e-003	-6.48e-002	8.72e-003
	608	1.59e-004	-3.17e-002	1.93e-004	4.48e-002	-0.11	-9.29e-003
	595	1.59e-004	-3.48e-002	1.47e-004	1.71e-002	-6.36e-002	-2.78e-002
409	593	-1.04e-006	-3.49e-002	4.35e-004	-1.29e-003	-6.50e-002	-4.12e-004
	606	-1.04e-006	-3.28e-002	-8.67e-005	1.24e-003	-6.30e-002	1.90e-003
	607	-7.12e-005	-3.28e-002	3.13e-005	3.80e-003	-6.70e-002	-6.04e-004
	594	-7.12e-005	-3.49e-002	5.53e-004	1.98e-003	-6.10e-002	-2.92e-003
410	592	-3.14e-005	-3.51e-002	5.63e-004	-3.25e-003	-7.15e-002	5.80e-003
	605	-3.14e-005	-3.35e-002	-1.50e-005	4.58e-003	-7.07e-002	4.75e-003
	606	-1.04e-006	-3.35e-002	-1.11e-004	-1.15e-003	-6.42e-002	9.49e-004
	593	-1.04e-006	-3.51e-002	4.67e-004	-1.56e-004	-5.74e-002	2.00e-003
411	348	8.07e-004	-3.55e-002	2.91e-004	6.14e-003	-8.25e-002	3.17e-002
	283	8.07e-004	-3.44e-002	-1.18e-004	4.01e-002	-0.11	1.63e-002
	605	-3.14e-005	-3.44e-002	6.26e-005	3.35e-003	-7.35e-002	-2.59e-003
	592	-3.14e-005	-3.55e-002	4.71e-004	4.20e-003	-7.44e-002	1.28e-002
412	591	2.18e-003	-2.17e-002	1.12e-003	-9.22e-002	0.82	-5.29e-002
	603	2.18e-003	-2.82e-002	-4.25e-003	-0.21	0.36	0.10
	604	9.65e-004	-2.82e-002	-6.19e-003	0.42	1.72	0.32
	356	9.65e-004	-2.17e-002	-8.22e-004	-8.39e-002	1.05	0.17
413	590	1.52e-003	-4.02e-002	1.63e-003	-0.31	-0.18	-0.20
	602	1.52e-003	-3.42e-002	-1.37e-003	-8.81e-002	-0.37	-0.19
	603	2.18e-003	-3.42e-002	-1.90e-003	0.10	-7.74e-002	-3.64e-002
	591	2.18e-003	-4.02e-002	1.10e-003	-0.46	-0.42	-4.45e-002
414	589	9.78e-005	-3.99e-002	1.92e-004	-0.14	-0.15	-0.17
	601	9.78e-005	-3.47e-002	-2.36e-004	-6.57e-002	-0.16	-0.21

	602	1.52e-003	-3.47e-002	6.47e-004	-0.12	-0.25	-0.22
	590	1.52e-003	-3.99e-002	1.08e-003	-0.24	-0.26	-0.18
415	588	-4.73e-005	-3.82e-002	4.91e-005	-5.04e-002	-8.60e-002	-0.14
	600	-4.73e-005	-3.46e-002	4.67e-004	-2.19e-002	-8.24e-002	-0.15
	601	9.78e-005	-3.46e-002	1.61e-004	-6.44e-002	-0.12	-0.19
	589	9.78e-005	-3.82e-002	-2.57e-004	-8.14e-002	-9.11e-002	-0.17
416	587	3.00e-005	-3.73e-002	6.27e-005	-1.93e-002	-7.72e-002	-0.10
	599	3.00e-005	-3.43e-002	2.92e-004	9.97e-003	-7.07e-002	-0.11
	600	-4.73e-005	-3.43e-002	3.28e-004	-1.55e-002	-8.37e-002	-0.13
	588	-4.73e-005	-3.73e-002	9.85e-005	-2.33e-002	-5.43e-002	-0.13
417	586	7.19e-005	-3.69e-002	2.04e-004	-1.26e-002	-8.31e-002	-7.91e-002
	598	7.19e-005	-3.43e-002	3.98e-004	1.05e-002	-7.25e-002	-7.72e-002
	599	3.00e-005	-3.43e-002	3.04e-004	5.98e-003	-6.32e-002	-0.10
	587	3.00e-005	-3.69e-002	1.09e-004	-1.68e-005	-3.57e-002	-0.10
418	585	1.28e-005	-3.66e-002	1.81e-004	-1.50e-002	-7.94e-002	-6.20e-002
	597	1.28e-005	-3.43e-002	4.37e-004	6.74e-003	-6.20e-002	-5.93e-002
	598	7.19e-005	-3.43e-002	4.74e-004	1.03e-003	-5.69e-002	-6.92e-002
	586	7.19e-005	-3.66e-002	2.18e-004	2.15e-003	-3.00e-002	-7.19e-002
419	584	-7.49e-005	-3.64e-002	2.06e-004	-1.04e-002	-7.59e-002	-5.02e-002
	596	-7.49e-005	-3.44e-002	4.45e-004	1.26e-002	-6.47e-002	-5.06e-002
	597	1.28e-005	-3.44e-002	4.24e-004	-4.28e-003	-5.19e-002	-5.86e-002
	585	1.28e-005	-3.64e-002	1.85e-004	4.70e-003	-3.31e-002	-5.82e-002
420	583	4.89e-005	-3.63e-002	1.94e-004	-7.39e-003	-7.81e-002	-3.45e-002
	595	4.89e-005	-3.46e-002	2.81e-004	1.95e-002	-6.87e-002	-3.42e-002
	596	-7.49e-005	-3.46e-002	3.08e-004	2.37e-003	-5.99e-002	-4.55e-002
	584	-7.49e-005	-3.63e-002	2.21e-004	1.12e-002	-3.97e-002	-4.58e-002
421	582	1.43e-004	-3.63e-002	3.28e-004	-1.09e-002	-8.96e-002	-1.86e-002
	594	1.43e-004	-3.48e-002	4.23e-004	1.43e-002	-7.47e-002	-1.50e-002
	595	4.89e-005	-3.48e-002	3.11e-004	8.24e-003	-5.93e-002	-2.55e-002
	583	4.89e-005	-3.63e-002	2.16e-004	1.07e-002	-3.44e-002	-2.92e-002
422	581	1.52e-005	-3.62e-002	2.83e-004	-1.46e-002	-8.88e-002	-6.44e-003
	593	1.52e-005	-3.49e-002	5.65e-004	9.20e-003	-6.69e-002	-3.19e-003
	594	1.43e-004	-3.49e-002	6.07e-004	-4.76e-004	-5.69e-002	-9.85e-003
	582	1.43e-004	-3.62e-002	3.25e-004	8.84e-003	-2.87e-002	-1.31e-002
423	580	-4.22e-005	-3.61e-002	2.37e-004	-1.97e-002	-8.96e-002	2.08e-003
	592	-4.22e-005	-3.51e-002	5.75e-004	1.06e-002	-7.31e-002	4.71e-003
	593	1.52e-005	-3.51e-002	5.97e-004	-7.18e-003	-5.31e-002	-2.07e-003
	581	1.52e-005	-3.61e-002	2.59e-004	9.27e-003	-3.03e-002	-4.69e-003
424	282	2.22e-004	-3.63e-002	4.11e-004	-3.28e-002	-0.11	1.56e-002
	348	2.22e-004	-3.55e-002	6.20e-004	1.24e-002	-8.53e-002	2.03e-002
	592	-4.22e-005	-3.55e-002	4.83e-004	-7.66e-003	-6.42e-002	1.12e-002
	580	-4.22e-005	-3.63e-002	2.74e-004	7.01e-003	-3.19e-002	6.49e-003
425	578	7.75e-003	-5.10e-002	1.40e-002	-0.15	-0.19	-0.38
	591	7.75e-003	-2.17e-002	1.37e-003	-6.44e-002	0.43	-0.22
	356	-1.25e-003	-2.17e-002	7.22e-003	4.97e-002	5.29e-002	-0.26
	579	-1.25e-003	-5.10e-002	1.99e-002	0.25	0.73	-0.42
426	577	1.60e-003	-3.96e-002	2.41e-003	-0.14	-0.41	-0.19
	590	1.60e-003	-4.02e-002	-6.68e-004	-0.24	-0.14	-0.18
	591	7.75e-003	-4.02e-002	8.87e-004	-0.45	-0.69	-0.30
	578	7.75e-003	-3.96e-002	3.97e-003	0.10	-0.26	-0.31
427	576	-1.43e-004	-3.64e-002	-5.78e-004	-0.10	-0.24	-0.10
	589	-1.43e-004	-3.99e-002	-4.26e-004	-0.11	-0.19	-0.15
	590	1.60e-003	-3.99e-002	-3.68e-004	-0.26	-0.46	-0.19
	577	1.60e-003	-3.64e-002	-5.20e-004	-0.10	-0.35	-0.14
428	575	-2.03e-004	-3.59e-002	-4.66e-004	-3.95e-002	-0.19	-0.10
	588	-2.03e-004	-3.82e-002	-9.31e-005	-4.94e-002	-0.23	-0.12
	589	-1.43e-004	-3.82e-002	-2.69e-004	-7.93e-002	-0.21	-0.14
	576	-1.43e-004	-3.59e-002	-6.42e-004	-8.90e-002	-0.23	-0.11
429	574	-1.28e-004	-3.56e-002	-1.30e-004	-2.23e-002	-0.16	-9.05e-002
	587	-1.28e-004	-3.73e-002	6.50e-005	-1.09e-002	-0.18	-0.10

	588	-2.03e-004	-3.73e-002	-5.94e-005	-1.98e-002	-0.17	-0.11
	575	-2.03e-004	-3.56e-002	-2.54e-004	-4.28e-002	-0.18	-0.10
430	573	-7.85e-005	-3.54e-002	1.02e-004	-1.20e-002	-0.14	-7.24e-002
	586	-7.85e-005	-3.69e-002	1.72e-004	-3.80e-003	-0.15	-7.54e-002
	587	-1.28e-004	-3.69e-002	9.60e-005	-7.43e-003	-0.17	-8.95e-002
	574	-1.28e-004	-3.54e-002	2.60e-005	-1.76e-002	-0.16	-8.65e-002
431	572	-3.86e-005	-3.52e-002	2.27e-004	-8.49e-003	-0.12	-5.63e-002
	585	-3.86e-005	-3.66e-002	2.12e-004	-2.82e-003	-0.12	-5.73e-002
	586	-7.85e-005	-3.66e-002	1.75e-004	-2.47e-003	-0.15	-6.78e-002
	573	-7.85e-005	-3.52e-002	1.90e-004	-1.20e-002	-0.13	-6.68e-002
432	571	-3.37e-005	-3.51e-002	2.93e-004	-6.22e-003	-0.10	-4.42e-002
	584	-3.37e-005	-3.64e-002	2.14e-004	4.23e-003	-0.10	-4.69e-002
	585	-3.86e-005	-3.64e-002	2.01e-004	-3.69e-003	-0.13	-5.41e-002
	572	-3.86e-005	-3.51e-002	2.80e-004	-6.62e-003	-0.11	-5.14e-002
433	570	-3.01e-005	-3.50e-002	3.33e-004	-6.14e-003	-9.29e-002	-3.37e-002
	583	-3.01e-005	-3.63e-002	2.16e-004	9.52e-003	-8.18e-002	-3.50e-002
	584	-3.37e-005	-3.63e-002	2.07e-004	-7.88e-004	-0.12	-4.21e-002
	571	-3.37e-005	-3.50e-002	3.23e-004	2.39e-006	-0.10	-4.08e-002
434	569	-3.98e-005	-3.49e-002	3.91e-004	-3.16e-003	-8.58e-002	-1.63e-002
	582	-3.98e-005	-3.63e-002	2.78e-004	5.45e-003	-7.35e-002	-1.63e-002
	583	-3.01e-005	-3.63e-002	2.41e-004	-3.86e-003	-0.12	-2.88e-002
	570	-3.01e-005	-3.49e-002	3.54e-004	6.02e-003	-9.50e-002	-2.87e-002
435	568	-4.37e-005	-3.48e-002	4.51e-004	-5.11e-003	-6.46e-002	-3.48e-003
	581	-4.37e-005	-3.62e-002	3.14e-004	2.39e-003	-5.28e-002	-2.88e-003
	582	-3.98e-005	-3.62e-002	2.88e-004	-2.16e-003	-0.10	-1.10e-002
	569	-3.98e-005	-3.48e-002	4.24e-004	1.29e-003	-7.85e-002	-1.16e-002
436	567	-6.65e-005	-3.47e-002	5.36e-004	-1.04e-002	-5.13e-002	1.97e-003
	580	-6.65e-005	-3.61e-002	3.38e-004	2.04e-003	-3.94e-002	2.73e-003
	581	-4.37e-005	-3.61e-002	3.11e-004	-3.54e-003	-7.20e-002	-8.02e-004
	568	-4.37e-005	-3.47e-002	5.09e-004	-2.46e-003	-5.56e-002	-1.57e-003
437	343	-8.08e-005	-3.46e-002	6.97e-004	-1.40e-002	-4.71e-002	1.51e-002
	282	-8.08e-005	-3.63e-002	4.55e-004	-4.11e-003	-2.61e-002	1.69e-002
	580	-6.65e-005	-3.63e-002	3.65e-004	-1.38e-002	-8.08e-002	8.23e-003
	567	-6.65e-005	-3.46e-002	6.07e-004	1.36e-003	-4.87e-002	6.40e-003
438	566	4.20e-003	-5.22e-002	-1.59e-002	-1.15e-002	-1.80e-002	-0.30
	578	4.20e-003	-5.10e-002	1.10e-002	3.61e-002	-0.20	-0.31
	579	-8.17e-003	-5.10e-002	1.56e-002	0.16	0.73	-0.27
	364	-8.17e-003	-5.22e-002	-1.12e-002	-0.14	0.50	-0.27
439	565	3.15e-004	-3.46e-002	-4.02e-003	3.04e-002	-0.32	-0.19
	577	3.15e-004	-3.96e-002	2.22e-003	-6.77e-002	-0.40	-0.16
	578	4.20e-003	-3.96e-002	9.37e-004	-4.97e-003	-0.18	-0.25
	566	4.20e-003	-3.46e-002	-5.31e-003	5.11e-002	-0.14	-0.28
440	564	-3.78e-004	-3.34e-002	-1.18e-003	-2.19e-002	-0.25	-0.11
	576	-3.78e-004	-3.64e-002	-7.18e-004	-7.11e-002	-0.26	-0.10
	577	3.15e-004	-3.64e-002	-7.08e-004	-3.00e-002	-0.31	-0.12
	565	3.15e-004	-3.34e-002	-1.17e-003	-2.92e-002	-0.28	-0.14
441	563	-3.45e-004	-3.36e-002	-4.80e-004	-3.44e-002	-0.18	-9.32e-002
	575	-3.45e-004	-3.59e-002	-5.42e-004	-4.08e-002	-0.19	-0.10
	576	-3.78e-004	-3.59e-002	-7.82e-004	-5.74e-002	-0.23	-0.10
	564	-3.78e-004	-3.36e-002	-7.20e-004	-4.17e-002	-0.23	-9.46e-002
442	562	-2.33e-004	-3.38e-002	-1.99e-004	-2.81e-002	-0.15	-8.40e-002
	574	-2.33e-004	-3.56e-002	-2.02e-004	-2.08e-002	-0.15	-9.00e-002
	575	-3.45e-004	-3.56e-002	-3.30e-004	-3.70e-002	-0.18	-0.10
	563	-3.45e-004	-3.38e-002	-3.27e-004	-3.07e-002	-0.18	-9.04e-002
443	561	-1.27e-004	-3.39e-002	-4.11e-006	-1.80e-002	-0.13	-6.80e-002
	573	-1.27e-004	-3.54e-002	3.95e-005	-1.28e-002	-0.13	-7.20e-002
	574	-2.33e-004	-3.54e-002	-4.58e-005	-2.07e-002	-0.15	-8.38e-002
	562	-2.33e-004	-3.39e-002	-8.94e-005	-2.26e-002	-0.15	-7.98e-002
444	560	-6.00e-005	-3.38e-002	9.85e-005	-1.12e-002	-0.11	-5.23e-002
	572	-6.00e-005	-3.52e-002	1.71e-004	-8.31e-003	-0.12	-5.48e-002

	573	-1.27e-004	-3.52e-002	1.28e-004	-1.02e-002	-0.13	-6.55e-002
	561	-1.27e-004	-3.38e-002	5.58e-005	-1.71e-002	-0.12	-6.30e-002
445	559	-4.47e-005	-3.37e-002	1.61e-004	-6.53e-003	-9.39e-002	-3.94e-002
	571	-4.47e-005	-3.51e-002	2.51e-004	-3.81e-003	-0.10	-4.16e-002
	572	-6.00e-005	-3.51e-002	2.24e-004	-5.68e-003	-0.11	-5.01e-002
	560	-6.00e-005	-3.37e-002	1.35e-004	-1.14e-002	-0.10	-4.79e-002
446	558	-5.87e-005	-3.36e-002	2.02e-004	-2.47e-003	-8.47e-002	-2.79e-002
	570	-5.87e-005	-3.50e-002	2.99e-004	1.11e-003	-9.18e-002	-3.00e-002
	571	-4.47e-005	-3.50e-002	2.81e-004	-1.73e-003	-0.10	-3.80e-002
	559	-4.47e-005	-3.36e-002	1.84e-004	-6.07e-003	-9.21e-002	-3.60e-002
447	557	-6.29e-005	-3.35e-002	2.35e-004	1.02e-003	-7.59e-002	-1.42e-002
	569	-6.29e-005	-3.49e-002	3.36e-004	3.64e-004	-8.38e-002	-1.46e-002
	570	-5.87e-005	-3.49e-002	3.20e-004	1.16e-003	-8.94e-002	-2.45e-002
	558	-5.87e-005	-3.35e-002	2.19e-004	-1.13e-003	-8.45e-002	-2.41e-002
448	556	-6.51e-005	-3.33e-002	2.85e-004	-1.18e-003	-5.90e-002	-3.50e-003
	568	-6.51e-005	-3.48e-002	3.99e-004	-2.43e-003	-6.42e-002	-2.33e-003
	569	-6.29e-005	-3.48e-002	3.69e-004	2.16e-003	-7.40e-002	-9.26e-003
	557	-6.29e-005	-3.33e-002	2.55e-004	-2.14e-003	-7.03e-002	-1.04e-002
449	555	-1.08e-004	-3.32e-002	3.56e-004	-4.81e-003	-4.34e-002	5.00e-003
	567	-1.08e-004	-3.47e-002	5.00e-004	-1.96e-003	-5.09e-002	5.39e-003
	568	-6.51e-005	-3.47e-002	4.57e-004	-1.51e-003	-5.34e-002	-4.10e-004
	556	-6.51e-005	-3.32e-002	3.12e-004	-4.06e-003	-5.34e-002	-7.95e-004
450	290	-1.62e-004	-3.30e-002	4.22e-004	-4.48e-003	-3.05e-002	2.13e-002
	343	-1.62e-004	-3.46e-002	6.13e-004	-3.12e-003	-4.47e-002	2.13e-002
	567	-1.08e-004	-3.46e-002	5.72e-004	-4.13e-003	-4.38e-002	9.16e-003
	555	-1.08e-004	-3.30e-002	3.81e-004	-3.47e-003	-4.24e-002	9.16e-003
451	553	6.35e-003	-8.02e-003	-2.92e-003	-0.11	0.12	-0.23
	566	6.35e-003	-5.22e-002	-1.63e-002	-4.65e-003	2.38e-002	-0.32
	364	8.03e-003	-5.22e-002	-2.89e-002	-0.22	0.38	-0.17
	554	8.03e-003	-8.02e-003	-1.56e-002	-0.14	7.96e-002	-8.20e-002
452	552	4.28e-004	-2.61e-002	-1.84e-003	1.14e-002	-0.22	-0.18
	565	4.28e-004	-3.46e-002	-3.91e-003	4.34e-003	-0.27	-0.20
	566	6.35e-003	-3.46e-002	-5.68e-003	-5.44e-002	-0.13	-0.26
	553	6.35e-003	-2.61e-002	-3.61e-003	1.93e-003	-8.58e-002	-0.24
453	551	-4.89e-004	-3.02e-002	-5.05e-004	3.49e-003	-0.24	-0.12
	564	-4.89e-004	-3.34e-002	-1.04e-003	-1.98e-002	-0.25	-0.11
	565	4.28e-004	-3.34e-002	-1.05e-003	2.09e-002	-0.26	-0.15
	552	4.28e-004	-3.02e-002	-5.16e-004	-3.93e-004	-0.22	-0.16
454	550	-5.41e-004	-3.14e-002	-2.20e-004	-2.06e-002	-0.18	-0.10
	563	-5.41e-004	-3.36e-002	-4.22e-004	-2.72e-002	-0.19	-9.10e-002
	564	-4.89e-004	-3.36e-002	-5.85e-004	-1.50e-002	-0.22	-0.10
	551	-4.89e-004	-3.14e-002	-3.83e-004	-1.33e-002	-0.21	-0.11
455	549	-3.67e-004	-3.20e-002	-1.01e-004	-2.50e-002	-0.14	-8.11e-002
	562	-3.67e-004	-3.38e-002	-1.93e-004	-2.38e-002	-0.15	-8.18e-002
	563	-5.41e-004	-3.38e-002	-2.69e-004	-2.80e-002	-0.18	-9.08e-002
	550	-5.41e-004	-3.20e-002	-1.78e-004	-2.27e-002	-0.17	-9.01e-002
456	548	-2.05e-004	-3.22e-002	6.18e-006	-1.92e-002	-0.12	-6.38e-002
	561	-2.05e-004	-3.39e-002	-2.34e-005	-1.76e-002	-0.12	-6.70e-002
	562	-3.67e-004	-3.39e-002	-8.32e-005	-2.31e-002	-0.14	-7.79e-002
	549	-3.67e-004	-3.22e-002	-5.37e-005	-2.26e-002	-0.13	-7.47e-002
457	547	-1.08e-004	-3.23e-002	7.04e-005	-1.22e-002	-0.10	-4.84e-002
	560	-1.08e-004	-3.38e-002	6.87e-005	-1.16e-002	-0.10	-5.14e-002
	561	-2.05e-004	-3.38e-002	3.65e-005	-1.49e-002	-0.12	-6.15e-002
	548	-2.05e-004	-3.23e-002	3.82e-005	-1.75e-002	-0.11	-5.84e-002
458	546	-7.44e-005	-3.22e-002	1.16e-004	-6.41e-003	-8.59e-002	-3.60e-002
	559	-7.44e-005	-3.37e-002	1.27e-004	-6.01e-003	-9.11e-002	-3.87e-002
	560	-1.08e-004	-3.37e-002	1.05e-004	-8.81e-003	-0.10	-4.68e-002
	547	-1.08e-004	-3.22e-002	9.30e-005	-1.11e-002	-0.10	-4.41e-002
459	545	-8.01e-005	-3.21e-002	1.46e-004	-1.93e-003	-7.68e-002	-2.54e-002
	558	-8.01e-005	-3.36e-002	1.64e-004	-6.92e-004	-8.18e-002	-2.77e-002

	559	-7.44e-005	-3.36e-002	1.50e-004	-4.05e-003	-9.00e-002	-3.50e-002
	546	-7.44e-005	-3.21e-002	1.32e-004	-5.03e-003	-8.46e-002	-3.26e-002
460	544	-9.42e-005	-3.19e-002	1.72e-004	1.03e-003	-6.73e-002	-1.45e-002
	557	-9.42e-005	-3.35e-002	1.94e-004	4.97e-004	-7.27e-002	-1.52e-002
	558	-8.01e-005	-3.35e-002	1.81e-004	-1.91e-004	-8.16e-002	-2.31e-002
	545	-8.01e-005	-3.19e-002	1.59e-004	-3.20e-004	-7.57e-002	-2.24e-002
461	543	-1.16e-004	-3.18e-002	2.13e-004	-9.76e-005	-5.29e-002	-5.44e-003
	556	-1.16e-004	-3.33e-002	2.37e-004	-7.55e-004	-5.69e-002	-4.52e-003
	557	-9.42e-005	-3.33e-002	2.14e-004	1.38e-003	-6.79e-002	-1.08e-002
	544	-9.42e-005	-3.18e-002	1.89e-004	3.28e-004	-6.30e-002	-1.17e-002
462	542	-1.61e-004	-3.15e-002	2.60e-004	-3.42e-003	-3.64e-002	3.50e-003
	555	-1.61e-004	-3.32e-002	2.93e-004	-5.83e-004	-4.10e-002	4.36e-003
	556	-1.16e-004	-3.32e-002	2.65e-004	-1.06e-003	-5.19e-002	-1.86e-003
	543	-1.16e-004	-3.15e-002	2.32e-004	-5.42e-004	-4.76e-002	-2.71e-003
463	338	-2.05e-004	-3.13e-002	2.89e-004	-5.93e-003	-1.72e-002	1.79e-002
	290	-2.05e-004	-3.30e-002	3.34e-004	-3.09e-003	-2.59e-002	1.94e-002
	555	-1.61e-004	-3.30e-002	3.18e-004	-3.46e-003	-3.90e-002	8.61e-003
	542	-1.61e-004	-3.13e-002	2.73e-004	-1.55e-003	-3.23e-002	7.17e-003
464	540	-3.67e-003	-8.06e-003	2.74e-003	-8.44e-002	6.60e-002	-0.17
	553	-3.67e-003	-8.02e-003	3.71e-006	-6.93e-002	9.29e-002	-0.19
	554	3.12e-002	-8.02e-003	-9.73e-004	-0.12	4.41e-002	-0.16
	541	3.12e-002	-8.06e-003	1.76e-003	-8.39e-002	3.94e-002	-0.15
465	539	4.60e-004	-2.57e-002	2.64e-003	-1.14e-002	-0.17	-0.15
	552	4.60e-004	-2.61e-002	-1.31e-003	6.03e-004	-0.19	-0.19
	553	-3.67e-003	-2.61e-002	-6.92e-004	-7.33e-002	-8.03e-002	-0.20
	540	-3.67e-003	-2.57e-002	3.26e-003	-4.75e-002	-8.05e-002	-0.16
466	538	-5.13e-004	-2.90e-002	8.03e-004	-4.34e-003	-0.21	-0.13
	551	-5.13e-004	-3.02e-002	-1.10e-004	2.54e-004	-0.22	-0.13
	552	4.60e-004	-3.02e-002	1.08e-005	8.61e-003	-0.20	-0.15
	539	4.60e-004	-2.90e-002	9.23e-004	-3.45e-005	-0.19	-0.16
467	537	-5.70e-004	-3.00e-002	2.73e-004	-1.88e-002	-0.17	-0.11
	550	-5.70e-004	-3.14e-002	-7.17e-005	-1.74e-002	-0.18	-0.10
	551	-5.13e-004	-3.14e-002	1.24e-005	-1.24e-003	-0.20	-0.12
	538	-5.13e-004	-3.00e-002	3.57e-004	-1.08e-002	-0.19	-0.12
468	536	-4.04e-004	-3.05e-002	1.36e-004	-2.23e-002	-0.13	-7.99e-002
	549	-4.04e-004	-3.20e-002	-3.63e-005	-2.23e-002	-0.14	-7.87e-002
	550	-5.70e-004	-3.20e-002	-2.96e-005	-1.85e-002	-0.16	-9.33e-002
	537	-5.70e-004	-3.05e-002	1.43e-004	-2.29e-002	-0.15	-9.45e-002
469	535	-2.31e-004	-3.08e-002	6.07e-005	-1.70e-002	-0.10	-5.92e-002
	548	-2.31e-004	-3.22e-002	7.52e-006	-1.82e-002	-0.11	-6.20e-002
	549	-4.04e-004	-3.22e-002	1.12e-005	-2.06e-002	-0.13	-7.43e-002
	536	-4.04e-004	-3.08e-002	6.44e-005	-2.23e-002	-0.12	-7.15e-002
470	534	-1.26e-004	-3.08e-002	3.09e-005	-9.71e-003	-8.84e-002	-4.36e-002
	547	-1.26e-004	-3.23e-002	4.22e-005	-1.17e-002	-9.48e-002	-4.70e-002
	548	-2.31e-004	-3.23e-002	3.96e-005	-1.51e-002	-0.11	-5.68e-002
	535	-2.31e-004	-3.08e-002	2.83e-005	-1.59e-002	-0.10	-5.34e-002
471	533	-8.79e-005	-3.07e-002	1.93e-005	-3.57e-003	-7.84e-002	-3.20e-002
	546	-8.79e-005	-3.22e-002	6.94e-005	-5.39e-003	-8.33e-002	-3.49e-002
	547	-1.26e-004	-3.22e-002	6.48e-005	-8.60e-003	-9.28e-002	-4.25e-002
	534	-1.26e-004	-3.07e-002	1.46e-005	-8.60e-003	-8.69e-002	-3.95e-002
472	532	-9.06e-005	-3.06e-002	1.68e-005	7.08e-004	-7.02e-002	-2.27e-002
	545	-9.06e-005	-3.21e-002	9.00e-005	-2.97e-004	-7.45e-002	-2.48e-002
	546	-8.79e-005	-3.21e-002	8.54e-005	-3.14e-003	-8.21e-002	-3.11e-002
	533	-8.79e-005	-3.06e-002	1.23e-005	-2.46e-003	-7.74e-002	-2.90e-002
473	531	-1.08e-004	-3.04e-002	1.77e-005	2.86e-003	-6.07e-002	-1.42e-002
	544	-1.08e-004	-3.19e-002	1.09e-004	1.70e-003	-6.48e-002	-1.50e-002
	545	-9.06e-005	-3.19e-002	1.04e-004	7.58e-004	-7.31e-002	-2.10e-002
	532	-9.06e-005	-3.04e-002	1.27e-005	1.67e-003	-6.86e-002	-2.02e-002
474	530	-1.35e-004	-3.02e-002	2.19e-005	1.76e-003	-4.70e-002	-6.64e-003
	543	-1.35e-004	-3.18e-002	1.34e-004	1.26e-003	-5.08e-002	-5.96e-003

	544	-1.08e-004	-3.18e-002	1.26e-004	2.26e-003	-6.08e-002	-1.13e-002
	531	-1.08e-004	-3.02e-002	1.36e-005	2.63e-003	-5.70e-002	-1.20e-002
475	529	-1.71e-004	-3.00e-002	1.88e-005	-2.00e-003	-2.95e-002	1.52e-003
	542	-1.71e-004	-3.15e-002	1.58e-004	-7.79e-005	-3.42e-002	3.00e-003
	543	-1.35e-004	-3.15e-002	1.54e-004	6.32e-004	-4.56e-002	-2.95e-003
	530	-1.35e-004	-3.00e-002	1.39e-005	1.41e-003	-4.18e-002	-4.43e-003
476	335	-2.02e-004	-2.96e-002	-4.29e-006	-7.39e-003	-7.05e-003	1.29e-002
	338	-2.02e-004	-3.13e-002	1.65e-004	-5.33e-003	-1.39e-002	1.59e-002
	542	-1.71e-004	-3.13e-002	1.71e-004	-2.48e-003	-2.88e-002	7.29e-003
	529	-1.71e-004	-2.96e-002	1.97e-006	-1.91e-003	-2.33e-002	4.31e-003
477	528	6.86e-003	-5.17e-002	1.74e-002	-2.33e-002	-4.16e-002	-0.11
	540	6.86e-003	-8.06e-003	4.78e-003	-5.98e-002	6.42e-002	-0.14
	541	2.31e-003	-8.06e-003	1.75e-002	-0.11	6.31e-002	-0.21
	365	2.31e-003	-5.17e-002	3.02e-002	-7.15e-002	0.27	-0.18
478	527	1.07e-003	-3.23e-002	4.78e-003	-2.93e-002	-0.18	-0.14
	539	1.07e-003	-2.57e-002	3.10e-003	8.80e-004	-0.18	-0.15
	540	6.86e-003	-2.57e-002	5.31e-003	-2.37e-002	-7.43e-002	-0.14
	528	6.86e-003	-3.23e-002	6.98e-003	-3.51e-002	-8.87e-002	-0.13
479	526	-1.99e-004	-2.96e-002	1.30e-003	-3.42e-002	-0.18	-0.14
	538	-1.99e-004	-2.90e-002	1.10e-003	-7.42e-003	-0.20	-0.14
	539	1.07e-003	-2.90e-002	1.38e-003	-9.17e-003	-0.18	-0.15
	527	1.07e-003	-2.96e-002	1.58e-003	-1.74e-002	-0.19	-0.16
480	525	-4.66e-004	-2.93e-002	5.30e-004	-3.02e-002	-0.14	-0.11
	537	-4.66e-004	-3.00e-002	4.21e-004	-2.22e-002	-0.16	-0.10
	538	-1.99e-004	-3.00e-002	6.52e-004	-1.25e-002	-0.18	-0.13
	526	-1.99e-004	-2.93e-002	7.60e-004	-3.34e-002	-0.17	-0.13
481	524	-3.52e-004	-2.94e-002	2.67e-004	-2.12e-002	-0.11	-7.48e-002
	536	-3.52e-004	-3.05e-002	2.02e-004	-2.28e-002	-0.12	-7.74e-002
	537	-4.66e-004	-3.05e-002	2.91e-004	-1.92e-002	-0.15	-0.10
	525	-4.66e-004	-2.94e-002	3.55e-004	-3.21e-002	-0.13	-9.39e-002
482	523	-2.05e-004	-2.94e-002	9.16e-005	-1.13e-002	-9.02e-002	-5.31e-002
	535	-2.05e-004	-3.08e-002	6.48e-005	-1.61e-002	-0.10	-5.73e-002
	536	-3.52e-004	-3.08e-002	1.30e-004	-1.80e-002	-0.12	-7.06e-002
	524	-3.52e-004	-2.94e-002	1.57e-004	-2.11e-002	-0.11	-6.64e-002
483	522	-1.17e-004	-2.94e-002	1.75e-006	-3.50e-003	-7.92e-002	-3.86e-002
	534	-1.17e-004	-3.08e-002	2.89e-006	-8.49e-003	-8.52e-002	-4.23e-002
	535	-2.05e-004	-3.08e-002	3.24e-005	-1.18e-002	-0.10	-5.14e-002
	523	-2.05e-004	-2.94e-002	3.13e-005	-1.05e-002	-8.94e-002	-4.78e-002
484	521	-8.56e-005	-2.93e-002	-4.58e-005	1.90e-003	-7.16e-002	-2.84e-002
	533	-8.56e-005	-3.07e-002	-2.88e-005	-2.15e-003	-7.60e-002	-3.11e-002
	534	-1.17e-004	-3.07e-002	-1.33e-005	-5.14e-003	-8.39e-002	-3.77e-002
	522	-1.17e-004	-2.93e-002	-3.04e-005	-2.68e-003	-7.90e-002	-3.49e-002
485	520	-9.02e-005	-2.91e-002	-7.23e-005	5.00e-003	-6.46e-002	-2.07e-002
	532	-9.02e-005	-3.06e-002	-4.55e-005	2.29e-003	-6.82e-002	-2.23e-002
	533	-8.56e-005	-3.06e-002	-3.58e-005	1.46e-004	-7.50e-002	-2.74e-002
	521	-8.56e-005	-2.91e-002	-6.25e-005	2.49e-003	-7.14e-002	-2.58e-002
486	519	-1.10e-004	-2.90e-002	-9.31e-005	5.86e-003	-5.53e-002	-1.41e-002
	531	-1.10e-004	-3.04e-002	-5.89e-005	3.95e-003	-5.88e-002	-1.45e-002
	532	-9.02e-005	-3.04e-002	-4.97e-005	3.43e-003	-6.65e-002	-1.91e-002
	520	-9.02e-005	-2.90e-002	-8.38e-005	5.33e-003	-6.34e-002	-1.87e-002
487	518	-1.35e-004	-2.87e-002	-1.16e-004	4.13e-003	-4.19e-002	-8.24e-003
	530	-1.35e-004	-3.02e-002	-7.42e-005	3.20e-003	-4.53e-002	-7.36e-003
	531	-1.10e-004	-3.02e-002	-6.31e-005	4.36e-003	-5.52e-002	-1.16e-002
	519	-1.10e-004	-2.87e-002	-1.05e-004	5.43e-003	-5.25e-002	-1.24e-002
488	517	-1.60e-004	-2.84e-002	-1.49e-004	-6.09e-004	-2.33e-002	-1.95e-003
	529	-1.60e-004	-3.00e-002	-1.00e-004	1.56e-004	-2.75e-002	2.81e-004
	530	-1.35e-004	-3.00e-002	-8.23e-005	2.41e-003	-3.99e-002	-4.52e-003
	518	-1.35e-004	-2.84e-002	-1.32e-004	3.38e-003	-3.73e-002	-6.75e-003
489	291	-1.76e-004	-2.81e-002	-2.01e-004	-8.01e-003	9.29e-004	6.26e-003
	335	-1.76e-004	-2.96e-002	-1.45e-004	-7.35e-003	-4.50e-003	1.04e-002

	529	-1.60e-004	-2.96e-002	-1.17e-004	-2.06e-003	-2.05e-002	4.03e-003
	517	-1.60e-004	-2.81e-002	-1.73e-004	-1.80e-003	-1.69e-002	-8.91e-005
490	515	4.76e-003	-4.84e-002	-1.11e-002	-4.03e-002	-0.15	-0.17
	528	4.76e-003	-5.17e-002	1.61e-002	7.28e-003	-7.43e-002	-0.12
	365	-1.01e-002	-5.17e-002	1.23e-002	-7.17e-002	0.33	-0.10
	516	-1.01e-002	-4.84e-002	-1.49e-002	0.17	0.38	-0.14
491	514	1.17e-003	-3.40e-002	-2.61e-003	-0.13	-0.25	-0.18
	527	1.17e-003	-3.23e-002	4.53e-003	-8.49e-003	-0.20	-0.15
	528	4.76e-003	-3.23e-002	5.64e-003	-1.98e-002	-8.34e-002	-0.14
	515	4.76e-003	-3.40e-002	-1.51e-003	-3.82e-002	-5.22e-002	-0.16
492	513	-1.89e-005	-2.95e-002	4.45e-004	-9.30e-002	-0.17	-0.14
	526	-1.89e-005	-2.96e-002	1.30e-003	-3.73e-002	-0.17	-0.14
	527	1.17e-003	-2.96e-002	1.33e-003	-5.47e-002	-0.19	-0.17
	514	1.17e-003	-2.95e-002	4.80e-004	-8.93e-002	-0.15	-0.16
493	512	-2.65e-004	-2.88e-002	5.64e-004	-4.49e-002	-0.11	-9.15e-002
	525	-2.65e-004	-2.93e-002	5.81e-004	-3.54e-002	-0.13	-0.10
	526	-1.89e-005	-2.93e-002	7.61e-004	-4.26e-002	-0.16	-0.13
	513	-1.89e-005	-2.88e-002	7.43e-004	-7.62e-002	-0.14	-0.12
494	511	-2.09e-004	-2.84e-002	2.92e-004	-1.59e-002	-9.14e-002	-6.33e-002
	524	-2.09e-004	-2.94e-002	2.75e-004	-2.16e-002	-0.10	-7.26e-002
	525	-2.65e-004	-2.94e-002	4.07e-004	-2.57e-002	-0.13	-9.19e-002
	512	-2.65e-004	-2.84e-002	4.24e-004	-4.04e-002	-0.11	-8.27e-002
495	510	-1.21e-004	-2.83e-002	5.72e-005	-1.27e-003	-7.97e-002	-4.63e-002
	523	-1.21e-004	-2.94e-002	7.80e-005	-9.33e-003	-8.61e-002	-5.18e-002
	524	-2.09e-004	-2.94e-002	1.66e-004	-1.36e-002	-0.10	-6.34e-002
	511	-2.09e-004	-2.83e-002	1.45e-004	-1.42e-002	-9.26e-002	-5.79e-002
496	509	-7.06e-005	-2.81e-002	-8.65e-005	5.56e-003	-7.32e-002	-3.49e-002
	522	-7.06e-005	-2.94e-002	-2.83e-005	-8.68e-004	-7.68e-002	-3.80e-002
	523	-1.21e-004	-2.94e-002	1.76e-005	-4.59e-003	-8.55e-002	-4.54e-002
	510	-1.21e-004	-2.81e-002	-4.06e-005	-3.07e-004	-7.95e-002	-4.23e-002
497	508	-5.47e-005	-2.80e-002	-1.72e-004	8.48e-003	-6.84e-002	-2.66e-002
	521	-5.47e-005	-2.93e-002	-8.69e-005	4.39e-003	-7.00e-002	-2.83e-002
	522	-7.06e-005	-2.93e-002	-6.04e-005	1.43e-003	-7.59e-002	-3.35e-002
	509	-7.06e-005	-2.80e-002	-1.46e-004	6.39e-003	-7.08e-002	-3.18e-002
498	507	-6.03e-005	-2.79e-002	-2.40e-004	9.26e-003	-6.35e-002	-2.04e-002
	520	-6.03e-005	-2.91e-002	-1.26e-004	7.48e-003	-6.34e-002	-2.11e-002
	521	-5.47e-005	-2.91e-002	-1.04e-004	5.10e-003	-6.90e-002	-2.50e-002
	508	-5.47e-005	-2.79e-002	-2.17e-004	9.29e-003	-6.40e-002	-2.42e-002
499	506	-7.51e-005	-2.77e-002	-3.10e-004	8.14e-003	-5.49e-002	-1.54e-002
	519	-7.51e-005	-2.90e-002	-1.62e-004	7.96e-003	-5.42e-002	-1.52e-002
	520	-6.03e-005	-2.90e-002	-1.38e-004	6.68e-003	-6.15e-002	-1.85e-002
	507	-6.03e-005	-2.77e-002	-2.87e-004	1.01e-002	-5.65e-002	-1.87e-002
500	505	-9.04e-005	-2.74e-002	-3.96e-004	5.49e-003	-4.32e-002	-1.09e-002
	518	-9.04e-005	-2.87e-002	-2.04e-004	6.74e-003	-4.09e-002	-1.01e-002
	519	-7.51e-005	-2.87e-002	-1.73e-004	6.01e-003	-5.09e-002	-1.29e-002
	506	-7.51e-005	-2.74e-002	-3.66e-004	8.81e-003	-4.49e-002	-1.38e-002
501	504	-1.03e-004	-2.71e-002	-5.00e-004	1.29e-004	-2.43e-002	-6.86e-003
	517	-1.03e-004	-2.84e-002	-2.57e-004	2.46e-003	-2.20e-002	-4.71e-003
	518	-9.04e-005	-2.84e-002	-2.20e-004	3.11e-003	-3.57e-002	-7.82e-003
	505	-9.04e-005	-2.71e-002	-4.62e-004	6.13e-003	-2.95e-002	-9.96e-003
502	330	-1.10e-004	-2.67e-002	-6.21e-004	-8.26e-003	-1.21e-003	-1.84e-003
	291	-1.10e-004	-2.81e-002	-3.25e-004	-6.10e-003	2.50e-003	1.86e-003
	517	-1.03e-004	-2.81e-002	-2.80e-004	-3.11e-003	-1.49e-002	-1.77e-003
	504	-1.03e-004	-2.67e-002	-5.75e-004	2.30e-004	-6.50e-003	-5.47e-003
503	503	7.81e-003	-1.58e-002	-3.97e-003	3.39e-002	0.97	-0.21
	515	7.81e-003	-4.84e-002	-1.52e-002	-0.28	-7.85e-002	-4.59e-002
	516	-2.36e-003	-4.84e-002	-2.10e-002	0.29	0.29	-1.08e-002
	361	-2.36e-003	-1.58e-002	-9.70e-003	-3.03e-002	-0.80	-0.17
504	502	2.23e-003	-2.86e-002	-2.65e-004	-0.21	0.30	-0.13
	514	2.23e-003	-3.40e-002	-3.01e-003	-0.24	-0.22	-0.12

	515	7.81e-003	-3.40e-002	-5.63e-003	6.21e-002	-0.13	-6.48e-002
	503	7.81e-003	-2.86e-002	-2.88e-003	-0.49	-0.73	-7.29e-002
505	501	1.58e-004	-2.93e-002	2.37e-004	-0.14	-5.62e-002	-6.92e-002
	513	1.58e-004	-2.95e-002	2.86e-004	-0.12	-0.15	-0.13
	514	2.23e-003	-2.95e-002	8.03e-005	-0.13	-0.18	-0.12
	502	2.23e-003	-2.93e-002	3.13e-005	-0.32	-0.28	-6.25e-002
506	500	-1.25e-004	-2.82e-002	1.62e-004	-4.89e-002	-0.12	-5.75e-002
	512	-1.25e-004	-2.88e-002	4.99e-004	-4.30e-002	-0.11	-9.16e-002
	513	1.58e-004	-2.88e-002	5.84e-004	-9.28e-002	-0.13	-0.10
	501	1.58e-004	-2.82e-002	2.47e-004	-0.10	-0.10	-6.95e-002
507	499	-1.15e-004	-2.75e-002	1.30e-005	-2.83e-003	-0.10	-5.00e-002
	511	-1.15e-004	-2.84e-002	2.34e-004	-8.51e-003	-8.76e-002	-6.40e-002
	512	-1.25e-004	-2.84e-002	3.59e-004	-3.71e-002	-0.10	-7.59e-002
	500	-1.25e-004	-2.75e-002	1.38e-004	-1.76e-002	-7.51e-002	-6.19e-002
508	498	-6.92e-005	-2.70e-002	-7.38e-005	1.51e-002	-7.83e-002	-4.05e-002
	510	-6.92e-005	-2.83e-002	1.11e-005	4.20e-003	-7.68e-002	-4.56e-002
	511	-1.15e-004	-2.83e-002	8.66e-005	-6.86e-003	-8.71e-002	-5.50e-002
	499	-1.15e-004	-2.70e-002	1.76e-006	1.04e-002	-7.35e-002	-4.99e-002
509	497	-3.97e-005	-2.68e-002	-1.23e-004	2.06e-002	-6.11e-002	-3.15e-002
	509	-3.97e-005	-2.81e-002	-1.30e-004	8.15e-003	-7.04e-002	-3.31e-002
	510	-6.92e-005	-2.81e-002	-8.67e-005	7.67e-003	-7.64e-002	-4.01e-002
	498	-6.92e-005	-2.68e-002	-7.95e-005	1.62e-002	-7.66e-002	-3.86e-002
510	496	-3.10e-005	-2.67e-002	-1.66e-004	2.11e-002	-4.92e-002	-2.38e-002
	508	-3.10e-005	-2.80e-002	-2.26e-004	8.63e-003	-6.55e-002	-2.40e-002
	509	-3.97e-005	-2.80e-002	-1.89e-004	1.38e-002	-6.93e-002	-2.95e-002
	497	-3.97e-005	-2.67e-002	-1.29e-004	1.51e-002	-7.86e-002	-2.92e-002
511	495	-3.42e-005	-2.66e-002	-2.14e-004	1.94e-002	-3.91e-002	-1.72e-002
	507	-3.42e-005	-2.79e-002	-3.06e-004	7.62e-003	-6.06e-002	-1.69e-002
	508	-3.10e-005	-2.79e-002	-2.71e-004	1.62e-002	-6.36e-002	-2.15e-002
	496	-3.10e-005	-2.66e-002	-1.78e-004	1.18e-002	-7.92e-002	-2.18e-002
512	494	-4.30e-005	-2.64e-002	-2.85e-004	1.86e-002	-2.23e-002	-1.16e-002
	506	-4.30e-005	-2.77e-002	-4.05e-004	4.26e-003	-5.12e-002	-1.12e-002
	507	-3.42e-005	-2.77e-002	-3.53e-004	1.73e-002	-5.74e-002	-1.54e-002
	495	-3.42e-005	-2.64e-002	-2.33e-004	6.82e-003	-8.09e-002	-1.58e-002
513	493	-5.12e-005	-2.62e-002	-3.71e-004	1.60e-002	-4.16e-003	-6.41e-003
	505	-5.12e-005	-2.74e-002	-5.21e-004	2.92e-004	-3.91e-002	-5.65e-003
	506	-4.30e-005	-2.74e-002	-4.60e-004	1.65e-002	-4.65e-002	-9.68e-003
	494	-4.30e-005	-2.62e-002	-3.10e-004	2.14e-003	-7.63e-002	-1.04e-002
514	492	-5.88e-005	-2.59e-002	-4.70e-004	1.47e-002	2.74e-002	-1.83e-003
	504	-5.88e-005	-2.71e-002	-6.56e-004	-7.42e-003	-1.87e-002	-7.96e-004
	505	-5.12e-005	-2.71e-002	-5.88e-004	1.56e-002	-3.25e-002	-4.93e-003
	493	-5.12e-005	-2.59e-002	-4.01e-004	-5.06e-003	-7.33e-002	-5.96e-003
515	287	-6.68e-005	-2.54e-002	-5.74e-004	8.34e-003	5.93e-002	2.62e-003
	330	-6.68e-005	-2.67e-002	-8.09e-004	-1.59e-002	5.20e-003	4.81e-003
	504	-5.88e-005	-2.67e-002	-7.32e-004	1.14e-002	-1.02e-002	6.68e-004
	492	-5.88e-005	-2.54e-002	-4.97e-004	-1.22e-002	-5.90e-002	-1.53e-003
516	489	3.03e-005	-2.00e-002	1.62e-003	0.15	0.73	-0.40
	503	3.03e-005	-1.58e-002	-4.07e-003	-0.17	0.62	-0.43
	361	6.52e-004	-1.58e-002	-4.41e-003	4.49e-003	1.60	-0.58
	491	6.52e-004	-2.00e-002	1.28e-003	-8.10e-002	1.80	-0.55
517	487	-5.19e-006	-2.27e-002	1.08e-003	0.14	-2.66e-002	-0.12
	502	-5.19e-006	-2.86e-002	-1.91e-003	-0.29	-0.13	-0.12
	503	3.03e-005	-2.86e-002	-2.64e-003	-0.31	0.10	-0.33
	489	3.03e-005	-2.27e-002	3.54e-004	0.16	0.42	-0.33
518	485	-6.56e-005	-2.41e-002	3.81e-005	-6.38e-003	-2.16e-002	-2.39e-002
	501	-6.56e-005	-2.93e-002	-3.00e-004	-0.13	-2.55e-002	-4.44e-002
	502	-5.19e-006	-2.93e-002	-5.00e-004	-0.21	-5.07e-002	-6.54e-002
	487	-5.19e-006	-2.41e-002	-1.62e-004	3.30e-002	-1.22e-002	-4.49e-002
519	483	-1.80e-005	-2.44e-002	-2.98e-004	-2.77e-002	3.43e-002	-2.06e-002
	500	-1.80e-005	-2.82e-002	-1.18e-005	-3.55e-002	4.26e-002	-4.53e-002

	501	-6.56e-005	-2.82e-002	6.23e-005	-9.10e-002	8.19e-003	-3.27e-002
	485	-6.56e-005	-2.44e-002	-2.23e-004	-2.11e-002	-8.77e-003	-8.07e-003
520	481	-4.61e-005	-2.43e-002	-3.22e-004	-1.13e-002	5.91e-002	-2.87e-002
	499	-4.61e-005	-2.75e-002	-1.94e-005	1.58e-003	5.40e-002	-4.46e-002
	500	-1.80e-005	-2.75e-002	-1.93e-005	-2.20e-002	4.89e-002	-4.03e-002
	483	-1.80e-005	-2.43e-002	-3.21e-004	-1.92e-002	3.52e-002	-2.44e-002
521	479	-3.18e-005	-2.43e-002	-3.01e-004	2.33e-003	6.65e-002	-3.13e-002
	498	-3.18e-005	-2.70e-002	-7.26e-005	1.44e-002	5.38e-002	-3.91e-002
	499	-4.61e-005	-2.70e-002	-6.59e-005	7.41e-003	6.62e-002	-4.10e-002
	481	-4.61e-005	-2.43e-002	-2.94e-004	-6.06e-003	5.74e-002	-3.32e-002
522	477	-1.51e-005	-2.44e-002	-3.12e-004	8.86e-003	6.67e-002	-2.93e-002
	497	-1.51e-005	-2.68e-002	-1.46e-004	1.71e-002	5.06e-002	-3.23e-002
	498	-3.18e-005	-2.68e-002	-1.10e-004	1.72e-002	7.20e-002	-3.65e-002
	479	-3.18e-005	-2.44e-002	-2.75e-004	2.81e-003	6.44e-002	-3.35e-002
523	475	3.33e-005	-2.45e-002	-3.13e-004	1.09e-002	6.49e-002	-2.48e-002
	496	3.33e-005	-2.67e-002	-1.64e-004	1.56e-002	4.59e-002	-2.56e-002
	497	-1.51e-005	-2.67e-002	-1.71e-004	1.86e-002	7.38e-002	-3.04e-002
	477	-1.51e-005	-2.45e-002	-3.19e-004	6.45e-003	6.47e-002	-2.97e-002
524	473	3.55e-005	-2.46e-002	-4.64e-004	1.06e-002	6.35e-002	-2.01e-002
	495	3.55e-005	-2.66e-002	-2.64e-004	1.25e-002	4.09e-002	-1.99e-002
	496	3.33e-005	-2.66e-002	-1.83e-004	1.72e-002	7.69e-002	-2.43e-002
	475	3.33e-005	-2.46e-002	-3.82e-004	6.27e-003	6.33e-002	-2.45e-002
525	471	1.06e-004	-2.48e-002	-5.52e-004	9.31e-003	6.30e-002	-1.53e-002
	494	1.06e-004	-2.64e-002	-3.31e-004	9.05e-003	3.43e-002	-1.51e-002
	495	3.55e-005	-2.64e-002	-2.94e-004	1.44e-002	8.18e-002	-1.93e-002
	473	3.55e-005	-2.48e-002	-5.15e-004	4.34e-003	6.17e-002	-1.96e-002
526	469	7.36e-005	-2.50e-002	-8.22e-004	7.66e-003	6.34e-002	-1.14e-002
	493	7.36e-005	-2.62e-002	-4.57e-004	4.26e-003	2.70e-002	-1.10e-002
	494	1.06e-004	-2.62e-002	-3.54e-004	1.20e-002	9.02e-002	-1.46e-002
	471	1.06e-004	-2.50e-002	-7.18e-004	7.09e-004	6.11e-002	-1.50e-002
527	467	1.24e-004	-2.53e-002	-9.95e-004	4.76e-003	6.45e-002	-8.49e-003
	492	1.24e-004	-2.59e-002	-5.97e-004	-8.11e-004	1.94e-002	-8.16e-003
	493	7.36e-005	-2.59e-002	-5.03e-004	8.16e-003	0.10	-1.10e-002
	469	7.36e-005	-2.53e-002	-9.02e-004	-3.56e-003	6.11e-002	-1.14e-002
528	325	6.22e-005	-2.57e-002	-1.25e-003	7.20e-004	6.47e-002	-8.35e-003
	287	6.22e-005	-2.54e-002	-6.96e-004	-9.91e-003	1.26e-002	-6.62e-003
	492	1.24e-004	-2.54e-002	-6.26e-004	4.13e-003	0.11	-7.55e-003
	467	1.24e-004	-2.57e-002	-1.18e-003	-9.88e-003	6.19e-002	-9.29e-003
529	490	4.84e-004	-2.77e-002	4.98e-004	1.39e-002	0.98	-0.28
	489	4.84e-004	-2.00e-002	3.26e-003	0.12	0.84	-0.46
	491	4.17e-004	-2.00e-002	4.04e-003	-0.16	1.77	-0.47
	360	4.17e-004	-2.77e-002	1.28e-003	-6.25e-002	1.65	-0.29
530	488	-5.96e-004	-2.18e-002	-6.50e-004	6.68e-002	0.22	-0.14
	487	-5.96e-004	-2.27e-002	1.38e-003	9.26e-002	7.60e-002	-0.18
	489	4.84e-004	-2.27e-002	1.99e-003	5.75e-002	0.51	-0.32
	490	4.84e-004	-2.18e-002	-4.13e-005	3.44e-002	0.67	-0.29
531	486	4.71e-005	-2.02e-002	9.16e-005	3.63e-002	1.91e-002	-4.87e-002
	485	4.71e-005	-2.41e-002	-4.03e-006	1.38e-002	-2.40e-002	-2.02e-002
	487	-5.96e-004	-2.41e-002	1.36e-004	9.31e-002	4.43e-002	-9.23e-002
	488	-5.96e-004	-2.02e-002	2.32e-004	1.37e-002	0.15	-0.12
532	484	-3.85e-006	-2.04e-002	-1.21e-004	6.71e-003	2.21e-002	-2.55e-002
	483	-3.85e-006	-2.44e-002	-3.43e-004	-8.58e-003	1.83e-002	-1.26e-002
	485	4.71e-005	-2.44e-002	-2.66e-004	1.98e-002	9.24e-003	-2.06e-002
	486	4.71e-005	-2.04e-002	-4.36e-005	3.86e-003	2.16e-002	-3.35e-002
533	482	-1.01e-004	-2.11e-002	-4.49e-005	-1.64e-003	4.84e-002	-2.70e-002
	481	-1.01e-004	-2.43e-002	-3.18e-004	-5.36e-003	5.13e-002	-2.63e-002
	483	-3.85e-006	-2.43e-002	-3.67e-004	-5.78e-003	3.90e-002	-2.09e-002
	484	-3.85e-006	-2.11e-002	-9.40e-005	2.94e-004	3.10e-002	-2.16e-002
534	480	7.36e-006	-2.16e-002	5.91e-005	-1.51e-003	6.32e-002	-3.01e-002
	479	7.36e-006	-2.43e-002	-2.71e-004	1.13e-003	6.46e-002	-3.20e-002

	481	-1.01e-004	-2.43e-002	-2.90e-004	-4.16e-003	5.76e-002	-2.92e-002
	482	-1.01e-004	-2.16e-002	3.94e-005	-8.17e-006	5.34e-002	-2.72e-002
535	478	2.21e-005	-2.19e-002	-1.17e-005	-1.05e-004	6.79e-002	-2.98e-002
	477	2.21e-005	-2.44e-002	-2.72e-004	5.09e-003	6.75e-002	-3.13e-002
	479	7.36e-006	-2.44e-002	-2.45e-004	1.51e-003	6.41e-002	-3.19e-002
	480	7.36e-006	-2.19e-002	1.57e-005	6.46e-004	6.50e-002	-3.05e-002
536	476	-1.98e-005	-2.23e-002	-3.57e-009	7.73e-004	6.79e-002	-2.73e-002
	475	-1.98e-005	-2.45e-002	-2.44e-004	6.39e-003	6.68e-002	-2.78e-002
	477	2.21e-005	-2.45e-002	-2.79e-004	4.98e-003	6.44e-002	-3.02e-002
	478	2.21e-005	-2.23e-002	-3.52e-005	1.21e-003	6.83e-002	-2.98e-002
537	474	2.79e-004	-2.25e-002	9.62e-005	9.98e-004	6.64e-002	-2.40e-002
	473	2.79e-004	-2.46e-002	-3.87e-004	6.07e-003	6.58e-002	-2.38e-002
	475	-1.98e-005	-2.46e-002	-3.13e-004	6.03e-003	6.28e-002	-2.66e-002
	476	-1.98e-005	-2.25e-002	1.70e-004	1.43e-003	6.80e-002	-2.68e-002
538	472	-4.48e-005	-2.31e-002	-1.47e-004	8.03e-004	6.49e-002	-2.09e-002
	471	-4.48e-005	-2.48e-002	-4.36e-004	4.78e-003	6.56e-002	-2.02e-002
	473	2.79e-004	-2.48e-002	-4.39e-004	5.52e-003	6.09e-002	-2.27e-002
	474	2.79e-004	-2.31e-002	-1.50e-004	1.41e-003	6.67e-002	-2.34e-002
539	470	4.73e-004	-2.37e-002	1.97e-004	3.20e-004	6.37e-002	-1.89e-002
	469	4.73e-004	-2.50e-002	-6.74e-004	2.75e-003	6.64e-002	-1.78e-002
	471	-4.48e-005	-2.50e-002	-6.02e-004	4.09e-003	5.96e-002	-1.94e-002
	472	-4.48e-005	-2.37e-002	2.69e-004	1.16e-003	6.55e-002	-2.05e-002
540	468	-5.00e-005	-2.46e-002	-2.73e-004	-4.09e-004	6.22e-002	-1.86e-002
	467	-5.00e-005	-2.53e-002	-8.13e-004	-2.98e-004	6.77e-002	-1.70e-002
	469	4.73e-004	-2.53e-002	-7.54e-004	1.85e-003	5.88e-002	-1.72e-002
	470	4.73e-004	-2.46e-002	-2.14e-004	6.79e-004	6.46e-002	-1.88e-002
541	286	4.11e-004	-2.59e-002	1.90e-004	-1.77e-003	5.98e-002	-2.06e-002
	325	4.11e-004	-2.57e-002	-1.00e-003	-4.09e-003	6.83e-002	-1.84e-002
	467	-5.00e-005	-2.57e-002	-9.97e-004	-1.53e-003	5.81e-002	-1.68e-002
	468	-5.00e-005	-2.59e-002	1.97e-004	-6.78e-005	6.34e-002	-1.90e-002
542	453	8.26e-004	-2.08e-002	-1.46e-003	3.87e-002	0.22	9.10e-002
	466	8.26e-004	-2.71e-002	-4.16e-004	1.43e-002	0.27	5.50e-002
	359	8.95e-005	-2.71e-002	-1.19e-003	-6.68e-003	0.48	8.47e-002
	454	8.95e-005	-2.08e-002	-2.23e-003	-1.18e-002	0.47	0.12
543	452	-2.52e-004	-2.22e-002	-5.29e-004	1.71e-002	5.96e-002	1.30e-002
	465	-2.52e-004	-2.43e-002	5.94e-004	1.95e-002	0.10	1.22e-002
	466	8.26e-004	-2.43e-002	3.22e-004	8.59e-003	0.20	5.31e-002
	453	8.26e-004	-2.22e-002	-8.01e-004	2.66e-002	0.16	5.38e-002
544	451	1.32e-004	-2.28e-002	8.15e-005	-3.54e-003	5.28e-002	-1.22e-002
	464	1.32e-004	-2.39e-002	-1.22e-004	7.23e-003	5.78e-002	-3.55e-003
	465	-2.52e-004	-2.39e-002	-1.25e-004	6.57e-004	8.55e-002	6.40e-003
	452	-2.52e-004	-2.28e-002	7.84e-005	2.02e-002	7.03e-002	-2.26e-003
545	450	-1.59e-005	-2.31e-002	2.39e-004	-2.71e-003	4.53e-002	-3.11e-003
	463	-1.59e-005	-2.40e-002	9.93e-005	8.61e-005	4.34e-002	-3.46e-003
	464	1.32e-004	-2.40e-002	2.83e-005	-4.01e-004	5.47e-002	-6.66e-003
	451	1.32e-004	-2.31e-002	1.68e-004	-2.90e-003	5.93e-002	-6.32e-003
546	449	-1.39e-004	-2.33e-002	2.46e-004	1.67e-003	2.77e-002	-2.65e-003
	462	-1.39e-004	-2.44e-002	4.07e-005	2.68e-004	2.97e-002	-5.39e-003
	463	-1.59e-005	-2.44e-002	6.83e-005	1.19e-003	3.74e-002	-4.11e-003
	450	-1.59e-005	-2.33e-002	2.74e-004	-4.68e-003	3.67e-002	-1.37e-003
547	448	-1.53e-005	-2.34e-002	2.92e-004	1.52e-003	2.84e-002	-9.87e-003
	461	-1.53e-005	-2.47e-002	-5.31e-005	1.09e-003	3.16e-002	-9.85e-003
	462	-1.39e-004	-2.47e-002	-5.81e-005	1.51e-003	2.83e-002	-5.82e-003
	449	-1.39e-004	-2.34e-002	2.87e-004	1.12e-003	2.33e-002	-5.83e-003
548	447	2.25e-005	-2.35e-002	3.42e-004	-3.06e-005	4.81e-002	-1.38e-002
	460	2.25e-005	-2.51e-002	1.83e-005	1.44e-004	4.86e-002	-1.21e-002
	461	-1.53e-005	-2.51e-002	-1.62e-005	8.08e-004	3.65e-002	-1.03e-002
	448	-1.53e-005	-2.35e-002	3.07e-004	2.84e-003	3.36e-002	-1.21e-002
549	446	7.99e-006	-2.36e-002	3.02e-004	-2.94e-003	7.00e-002	-1.29e-002
	459	7.99e-006	-2.56e-002	-9.33e-007	-5.82e-004	6.69e-002	-1.06e-002

	460	2.25e-005	-2.56e-002	4.36e-005	-1.57e-004	5.50e-002	-1.20e-002
	447	2.25e-005	-2.36e-002	3.47e-004	1.31e-003	5.47e-002	-1.43e-002
550	445	3.23e-004	-2.37e-002	3.62e-004	-2.49e-003	8.00e-002	-4.62e-003
	458	3.23e-004	-2.60e-002	-1.14e-004	-1.85e-003	7.20e-002	-4.02e-003
	459	7.99e-006	-2.60e-002	-1.58e-004	-1.85e-003	7.22e-002	-9.88e-003
	446	7.99e-006	-2.37e-002	3.18e-004	-1.31e-003	7.60e-002	-1.05e-002
551	444	-2.77e-005	-2.39e-002	3.03e-004	5.17e-003	5.43e-002	3.94e-003
	457	-2.77e-005	-2.64e-002	1.28e-004	-1.31e-003	5.13e-002	-2.47e-004
	458	3.23e-004	-2.64e-002	1.56e-004	-8.83e-004	6.83e-002	-3.51e-003
	445	3.23e-004	-2.39e-002	3.30e-004	-3.54e-003	7.18e-002	6.77e-004
552	443	4.83e-004	-2.43e-002	5.02e-004	8.04e-003	1.46e-002	-1.44e-003
	456	4.83e-004	-2.67e-002	-2.05e-004	1.39e-003	1.92e-002	-4.68e-003
	457	-2.77e-005	-2.67e-002	-2.77e-004	1.22e-003	4.05e-002	-2.27e-005
	444	-2.77e-005	-2.43e-002	4.30e-004	1.80e-003	3.56e-002	3.22e-003
553	442	7.19e-005	-2.47e-002	5.85e-004	-5.36e-003	-3.13e-003	-7.40e-003
	455	7.19e-005	-2.73e-002	2.39e-004	2.10e-003	-9.87e-003	-3.15e-003
	456	4.83e-004	-2.73e-002	2.01e-004	-1.92e-003	1.31e-002	-3.72e-003
	443	4.83e-004	-2.47e-002	5.48e-004	7.08e-003	7.54e-003	-7.98e-003
554	318	6.70e-004	-2.57e-002	3.80e-004	-9.94e-003	-4.34e-002	2.04e-002
	285	6.70e-004	-2.77e-002	-3.66e-004	-1.37e-003	-7.60e-002	2.02e-002
	455	7.19e-005	-2.77e-002	-2.00e-004	-8.53e-003	-1.45e-002	-1.32e-003
	442	7.19e-005	-2.57e-002	5.46e-004	-3.23e-003	-3.65e-003	-1.10e-003
555	441	9.06e-005	-1.69e-002	1.55e-003	-8.07e-002	0.13	8.69e-002
	453	9.06e-005	-2.08e-002	-9.19e-004	6.09e-002	0.19	7.56e-002
	454	4.34e-004	-2.08e-002	-7.19e-004	1.20e-002	0.46	0.11
	358	4.34e-004	-1.69e-002	1.75e-003	-5.41e-002	0.45	0.13
556	440	1.02e-004	-2.14e-002	9.38e-004	-7.13e-002	7.20e-002	5.14e-003
	452	1.02e-004	-2.22e-002	-3.32e-004	1.73e-002	4.10e-002	8.36e-003
	453	9.06e-005	-2.22e-002	-2.63e-004	5.57e-002	0.13	5.17e-002
	441	9.06e-005	-2.14e-002	1.01e-003	-0.10	9.43e-003	4.85e-002
557	439	-1.16e-005	-2.19e-002	3.98e-004	-2.10e-002	0.10	-5.73e-003
	451	-1.16e-005	-2.28e-002	2.03e-004	-2.46e-002	5.94e-002	-8.30e-003
	452	1.02e-004	-2.28e-002	2.75e-004	4.06e-003	5.71e-002	-7.92e-003
	440	1.02e-004	-2.19e-002	4.71e-004	-5.48e-002	1.16e-002	-5.35e-003
558	438	8.55e-007	-2.20e-002	3.89e-004	-1.42e-002	2.86e-002	4.55e-003
	450	8.55e-007	-2.31e-002	3.66e-004	-6.16e-003	4.92e-002	-4.95e-003
	451	-1.16e-005	-2.31e-002	2.90e-004	-2.38e-002	5.82e-002	-8.80e-003
	439	-1.16e-005	-2.20e-002	3.13e-004	-1.54e-002	8.65e-002	7.08e-004
559	437	-3.66e-005	-2.24e-002	2.73e-004	-1.30e-002	7.78e-003	1.74e-003
	449	-3.66e-005	-2.33e-002	3.27e-004	2.63e-003	2.59e-002	-3.46e-003
	450	8.55e-007	-2.33e-002	4.01e-004	-7.67e-003	3.66e-002	-3.05e-003
	438	8.55e-007	-2.24e-002	3.47e-004	-1.30e-002	5.39e-002	2.14e-003
560	436	-2.27e-005	-2.23e-002	1.34e-004	-9.17e-003	1.58e-002	-8.85e-003
	448	-2.27e-005	-2.34e-002	3.15e-004	3.05e-003	2.60e-002	-1.09e-002
	449	-3.66e-005	-2.34e-002	3.68e-004	3.07e-003	2.03e-002	-5.12e-003
	437	-3.66e-005	-2.23e-002	1.87e-004	-1.32e-002	1.88e-002	-3.09e-003
561	435	3.32e-007	-2.19e-002	8.93e-005	-6.50e-004	4.05e-002	-1.12e-002
	447	3.32e-007	-2.35e-002	3.39e-004	1.54e-003	4.87e-002	-1.33e-002
	448	-2.27e-005	-2.35e-002	3.30e-004	1.83e-005	3.18e-002	-1.28e-002
	436	-2.27e-005	-2.19e-002	8.03e-005	-3.35e-003	3.91e-002	-1.07e-002
562	434	5.64e-005	-2.15e-002	8.10e-005	7.40e-003	6.52e-002	-1.25e-002
	446	5.64e-005	-2.36e-002	3.34e-004	9.38e-004	7.18e-002	-1.43e-002
	447	3.32e-007	-2.36e-002	3.45e-004	1.68e-003	5.34e-002	-1.34e-002
	435	3.32e-007	-2.15e-002	9.23e-005	3.07e-003	5.81e-002	-1.16e-002
563	433	5.84e-005	-2.10e-002	2.76e-004	1.90e-002	8.61e-002	-4.08e-003
	445	5.84e-005	-2.37e-002	4.69e-004	-5.50e-003	8.39e-002	-5.38e-003
	446	5.64e-005	-2.37e-002	3.50e-004	-3.33e-003	7.93e-002	-1.18e-002
	434	5.64e-005	-2.10e-002	1.57e-004	1.43e-002	9.00e-002	-1.05e-002
564	432	1.19e-004	-2.11e-002	4.87e-004	1.41e-002	2.91e-002	5.83e-003
	444	1.19e-004	-2.39e-002	5.15e-004	7.22e-003	5.43e-002	6.80e-004

	445	5.84e-005	-2.39e-002	4.37e-004	-8.12e-003	7.64e-002	-2.26e-003
	433	5.84e-005	-2.11e-002	4.09e-004	1.92e-002	0.11	2.89e-003
565	431	8.93e-005	-2.17e-002	6.35e-004	8.00e-003	-3.03e-002	9.78e-004
	443	8.93e-005	-2.43e-002	7.24e-004	2.30e-002	1.13e-002	-6.78e-003
	444	1.19e-004	-2.43e-002	6.43e-004	4.15e-003	3.43e-002	-2.92e-005
	432	1.19e-004	-2.17e-002	5.55e-004	1.15e-002	6.22e-002	7.73e-003
566	430	1.76e-004	-2.19e-002	8.45e-004	3.24e-002	-1.13e-002	-1.11e-002
	442	1.76e-004	-2.47e-002	8.79e-004	8.39e-003	2.63e-004	-1.66e-002
	443	8.93e-005	-2.47e-002	7.69e-004	1.78e-002	2.20e-003	-8.88e-003
	431	8.93e-005	-2.19e-002	7.36e-004	1.22e-002	-1.77e-003	-3.42e-003
567	284	1.90e-004	-2.21e-002	1.53e-003	6.73e-002	-1.44e-002	5.89e-003
	318	1.90e-004	-2.57e-002	1.15e-003	-3.29e-002	-3.32e-002	7.63e-003
	442	1.76e-004	-2.57e-002	8.39e-004	-8.85e-003	8.83e-003	-7.17e-003
	430	1.76e-004	-2.21e-002	1.23e-003	4.67e-002	1.99e-002	-8.90e-003
568	427	1.74e-003	-2.57e-002	5.40e-003	-0.12	5.30e-002	-1.96e-002
	441	1.74e-003	-1.69e-002	1.91e-003	6.02e-003	0.45	1.56e-002
	358	5.06e-004	-1.69e-002	3.85e-003	-0.10	-0.28	9.69e-003
	429	5.06e-004	-2.57e-002	7.33e-003	0.10	0.12	-2.55e-002
569	425	9.98e-004	-2.47e-002	2.05e-003	-8.36e-002	-2.47e-004	9.85e-003
	440	9.98e-004	-2.14e-002	-3.65e-004	-3.65e-002	0.21	-2.04e-003
	441	1.74e-003	-2.14e-002	1.31e-003	-0.18	-0.23	-2.53e-002
	427	1.74e-003	-2.47e-002	3.73e-003	2.65e-002	1.04e-002	-1.34e-002
570	423	-5.94e-005	-2.36e-002	1.20e-003	-3.91e-002	2.00e-002	1.01e-002
	439	-5.94e-005	-2.19e-002	2.91e-004	-9.69e-003	0.10	-9.47e-003
	440	9.98e-004	-2.19e-002	-3.92e-004	-8.89e-002	-7.12e-002	-1.53e-002
	425	9.98e-004	-2.36e-002	5.14e-004	-2.07e-002	1.35e-002	4.31e-003
571	421	5.64e-005	-2.35e-002	6.80e-004	-2.29e-002	2.62e-002	7.17e-004
	438	5.64e-005	-2.20e-002	3.86e-004	3.83e-004	8.05e-002	-3.78e-003
	439	-5.94e-005	-2.20e-002	5.36e-004	-2.98e-002	-2.51e-002	-2.84e-003
	423	-5.94e-005	-2.35e-002	8.31e-004	-6.69e-003	2.80e-002	1.66e-003
572	419	1.93e-004	-2.33e-002	5.16e-004	-1.44e-002	2.57e-002	-1.95e-003
	437	1.93e-004	-2.24e-002	2.49e-004	-5.69e-003	6.32e-002	-2.75e-003
	438	5.64e-005	-2.24e-002	3.60e-004	-2.39e-002	-1.48e-002	-3.92e-003
	421	5.64e-005	-2.33e-002	6.27e-004	1.35e-003	2.42e-002	-3.12e-003
573	417	1.34e-004	-2.31e-002	6.20e-005	-5.43e-003	3.32e-002	-2.69e-003
	436	1.34e-004	-2.23e-002	-7.43e-005	-7.18e-003	4.28e-002	-5.11e-003
	437	1.93e-004	-2.23e-002	1.78e-004	-1.76e-002	1.60e-002	-6.53e-003
	419	1.93e-004	-2.31e-002	3.14e-004	-2.49e-003	2.74e-002	-4.11e-003
574	415	2.01e-006	-2.29e-002	-1.41e-005	2.51e-003	4.74e-002	-3.84e-003
	435	2.01e-006	-2.19e-002	5.03e-005	-2.37e-003	3.99e-002	-6.86e-003
	436	1.34e-004	-2.19e-002	-8.01e-005	-4.99e-003	4.54e-002	-7.13e-003
	417	1.34e-004	-2.29e-002	-1.44e-004	-4.24e-003	3.82e-002	-4.11e-003
575	413	-1.73e-004	-2.28e-002	-1.48e-004	8.14e-003	6.12e-002	-4.43e-003
	434	-1.73e-004	-2.15e-002	-1.10e-004	9.84e-003	5.57e-002	-8.49e-003
	435	2.01e-006	-2.15e-002	4.13e-005	4.92e-003	5.88e-002	-7.43e-003
	415	2.01e-006	-2.28e-002	3.23e-006	4.81e-004	5.20e-002	-3.37e-003
576	411	-3.06e-004	-2.26e-002	4.55e-004	5.33e-003	7.18e-002	-6.96e-003
	433	-3.06e-004	-2.10e-002	2.43e-004	2.74e-002	9.29e-002	-1.03e-002
	434	-1.73e-004	-2.10e-002	-9.44e-005	1.17e-002	5.02e-002	-6.36e-003
	413	-1.73e-004	-2.26e-002	1.18e-004	1.08e-002	6.63e-002	-3.05e-003
577	409	-1.36e-004	-2.23e-002	1.06e-003	-5.93e-003	6.80e-002	-9.71e-003
	432	-1.36e-004	-2.11e-002	6.60e-004	3.17e-002	0.13	-8.19e-003
	433	-3.06e-004	-2.11e-002	3.63e-004	6.83e-003	1.36e-002	-4.00e-003
	411	-3.06e-004	-2.23e-002	7.59e-004	2.36e-002	7.33e-002	-5.51e-003
578	407	4.94e-005	-2.19e-002	1.26e-003	-5.16e-003	5.72e-002	-8.18e-003
	431	4.94e-005	-2.17e-002	6.91e-004	2.81e-002	0.14	-9.31e-003
	432	-1.36e-004	-2.17e-002	6.87e-004	-1.00e-002	-1.86e-002	-7.75e-003
	409	-1.36e-004	-2.19e-002	1.26e-003	2.94e-002	6.56e-002	-6.63e-003
579	405	-6.25e-004	-2.15e-002	1.18e-003	4.23e-003	6.69e-002	-1.08e-002
	430	-6.25e-004	-2.19e-002	2.21e-004	6.64e-002	0.19	-2.51e-002

	431	4.94e-005	-2.19e-002	5.62e-004	-1.23e-002	-4.37e-002	-1.49e-002
	407	4.94e-005	-2.15e-002	1.52e-003	3.84e-002	6.50e-002	-5.80e-004
580	305	-1.77e-003	-1.98e-002	3.50e-003	-6.84e-003	6.46e-002	-4.29e-002
	284	-1.77e-003	-2.21e-002	1.48e-003	0.13	0.33	-5.79e-002
	430	-6.25e-004	-2.21e-002	2.47e-004	5.03e-003	-0.13	-2.00e-002
	405	-6.25e-004	-1.98e-002	2.27e-003	7.29e-002	7.97e-002	-5.09e-003
581	428	6.14e-003	-3.45e-002	2.03e-003	9.28e-004	5.78e-002	5.86e-003
	427	6.14e-003	-2.57e-002	4.91e-003	-1.77e-002	1.67e-002	3.67e-002
	429	-1.09e-003	-2.57e-002	6.63e-003	6.95e-002	0.18	7.58e-004
	367	-1.09e-003	-3.45e-002	3.75e-003	-4.34e-003	0.19	-3.01e-002
582	426	-1.11e-003	-2.63e-002	-4.02e-003	3.09e-003	-5.01e-003	3.76e-002
	425	-1.11e-003	-2.47e-002	2.23e-003	-3.34e-002	-1.72e-002	3.42e-002
	427	6.14e-003	-2.47e-002	3.24e-003	-1.35e-002	4.41e-002	2.80e-002
	428	6.14e-003	-2.63e-002	-3.00e-003	-2.62e-002	4.12e-002	3.15e-002
583	424	-5.23e-005	-2.64e-002	2.10e-005	-4.03e-004	1.65e-002	2.32e-002
	423	-5.23e-005	-2.36e-002	1.05e-003	-1.93e-002	9.23e-003	1.98e-002
	425	-1.11e-003	-2.36e-002	6.90e-004	-1.94e-002	2.46e-002	3.12e-002
	426	-1.11e-003	-2.64e-002	-3.35e-004	-9.24e-003	2.98e-004	3.45e-002
584	422	-7.88e-005	-2.53e-002	-4.42e-005	-3.28e-004	2.46e-002	1.06e-002
	421	-7.88e-005	-2.35e-002	5.19e-004	-9.39e-003	2.03e-002	8.11e-003
	423	-5.23e-005	-2.35e-002	6.80e-004	-1.38e-002	3.12e-002	1.70e-002
	424	-5.23e-005	-2.53e-002	1.17e-004	-2.64e-003	1.35e-002	1.95e-002
585	420	6.80e-004	-2.42e-002	2.26e-004	5.55e-003	2.14e-002	4.22e-003
	419	6.80e-004	-2.33e-002	4.67e-004	-4.44e-003	2.27e-002	1.27e-003
	421	-7.88e-005	-2.33e-002	4.66e-004	-6.97e-003	2.68e-002	6.95e-003
	422	-7.88e-005	-2.42e-002	2.25e-004	2.36e-004	1.95e-002	9.90e-003
586	418	-1.37e-004	-2.35e-002	-5.63e-004	4.04e-004	3.38e-002	-3.97e-003
	417	-1.37e-004	-2.31e-002	4.96e-005	-2.15e-003	3.18e-002	-2.49e-003
	419	6.80e-004	-2.31e-002	2.65e-004	-3.24e-003	2.90e-002	1.25e-003
	420	6.80e-004	-2.35e-002	-3.47e-004	5.43e-003	2.13e-002	-2.24e-004
587	416	2.97e-006	-2.40e-002	4.47e-005	-4.76e-004	4.87e-002	-3.36e-003
	415	2.97e-006	-2.29e-002	-4.29e-005	8.57e-004	4.79e-002	-4.05e-003
	417	-1.37e-004	-2.29e-002	-1.57e-004	-2.16e-003	3.79e-002	-3.55e-003
	418	-1.37e-004	-2.40e-002	-6.92e-005	7.13e-004	3.63e-002	-2.86e-003
588	414	1.92e-004	-2.43e-002	-7.86e-005	3.88e-004	6.40e-002	-1.32e-003
	413	1.92e-004	-2.28e-002	-1.39e-004	4.59e-003	6.12e-002	-2.37e-003
	415	2.97e-006	-2.28e-002	-2.56e-005	1.42e-003	5.18e-002	-4.05e-003
	416	2.97e-006	-2.43e-002	3.44e-005	7.74e-004	5.15e-002	-3.00e-003
589	412	-1.09e-003	-2.49e-002	-5.05e-004	3.93e-003	7.26e-002	1.62e-003
	411	-1.09e-003	-2.26e-002	3.50e-004	7.66e-003	6.89e-002	-8.31e-005
	413	1.92e-004	-2.26e-002	1.27e-004	6.38e-003	6.74e-002	-2.06e-003
	414	1.92e-004	-2.49e-002	-7.27e-004	6.84e-004	6.67e-002	-3.61e-004
590	410	1.63e-004	-2.40e-002	5.68e-004	1.81e-003	7.33e-002	2.84e-003
	409	1.63e-004	-2.23e-002	8.36e-004	7.59e-003	6.20e-002	3.78e-003
	411	-1.09e-003	-2.23e-002	6.54e-004	9.37e-003	7.77e-002	6.96e-004
	412	-1.09e-003	-2.40e-002	3.85e-004	2.53e-003	7.11e-002	-2.42e-004
591	408	4.47e-005	-2.21e-002	-7.80e-005	3.56e-003	6.99e-002	1.22e-002
	407	4.47e-005	-2.19e-002	9.36e-004	8.36e-003	5.09e-002	1.11e-002
	409	1.63e-004	-2.19e-002	1.04e-003	9.22e-003	7.36e-002	3.89e-003
	410	1.63e-004	-2.21e-002	2.72e-005	-3.26e-004	6.54e-002	5.02e-003
592	406	7.64e-004	-2.04e-002	-1.17e-005	9.21e-003	7.53e-002	2.24e-002
	405	7.64e-004	-2.15e-002	1.46e-003	9.82e-003	5.23e-002	2.01e-002
	407	4.47e-005	-2.15e-002	1.19e-003	1.46e-002	7.76e-002	1.30e-002
	408	4.47e-005	-2.04e-002	-2.77e-004	-1.48e-003	6.54e-002	1.52e-002
593	293	-4.88e-003	-1.96e-002	-3.08e-003	2.54e-002	2.92e-002	1.35e-002
	305	-4.88e-003	-1.98e-002	1.74e-003	8.02e-003	2.70e-002	8.57e-003
	405	7.64e-004	-1.98e-002	2.55e-003	2.50e-002	0.10	1.97e-002
	406	7.64e-004	-1.96e-002	-2.27e-003	-4.58e-003	7.86e-002	2.46e-002
594	390	5.90e-003	-2.83e-002	-4.99e-003	5.92e-002	3.38e-002	-1.63e-002
	404	5.90e-003	-3.53e-002	-2.56e-003	6.31e-002	0.14	-2.97e-002

	366	-1.18e-003	-3.53e-002	-4.94e-003	2.12e-002	0.68	3.75e-002
	392	-1.18e-003	-2.83e-002	-7.37e-003	6.54e-002	0.68	5.09e-002
595	388	-1.15e-003	-2.95e-002	-2.10e-003	-9.81e-003	-0.21	-0.13
	403	-1.15e-003	-2.62e-002	3.36e-003	2.67e-002	-0.18	-0.10
	404	5.90e-003	-2.62e-002	2.47e-003	3.03e-002	-2.44e-003	-4.83e-002
	390	5.90e-003	-2.95e-002	-2.99e-003	5.54e-002	-4.47e-002	-7.42e-002
596	386	-6.47e-005	-2.92e-002	-7.60e-004	-3.26e-002	-0.10	-0.13
	402	-6.47e-005	-2.55e-002	7.82e-005	-1.87e-003	-0.12	-0.12
	403	-1.15e-003	-2.55e-002	2.57e-004	-1.29e-002	-0.13	-0.12
	388	-1.15e-003	-2.92e-002	-5.82e-004	4.33e-003	-0.14	-0.13
597	384	-1.23e-004	-2.92e-002	-3.24e-004	-2.22e-002	-8.37e-002	-8.94e-002
	401	-1.23e-004	-2.49e-002	-1.88e-005	-3.29e-003	-8.31e-002	-9.35e-002
	402	-6.47e-005	-2.49e-002	-5.50e-005	-7.90e-003	-0.11	-0.11
	386	-6.47e-005	-2.92e-002	-3.60e-004	-2.84e-002	-8.08e-002	-0.11
598	382	6.83e-004	-2.91e-002	1.85e-005	-1.80e-002	-6.36e-002	-7.85e-002
	400	6.83e-004	-2.41e-002	-3.61e-004	-2.37e-003	-6.84e-002	-7.91e-002
	401	-1.23e-004	-2.41e-002	-5.26e-004	-2.60e-004	-8.79e-002	-8.89e-002
	384	-1.23e-004	-2.91e-002	-1.47e-004	-2.16e-002	-7.80e-002	-8.83e-002
599	380	-8.99e-005	-2.89e-002	2.77e-004	-1.45e-002	-2.67e-002	-6.97e-002
	399	-8.99e-005	-2.46e-002	2.85e-004	-2.79e-003	-3.53e-002	-7.00e-002
	400	6.83e-004	-2.46e-002	2.19e-004	-3.70e-004	-6.06e-002	-7.75e-002
	382	6.83e-004	-2.89e-002	2.11e-004	-1.77e-002	-5.79e-002	-7.72e-002
600	378	5.23e-006	-2.88e-002	3.15e-004	-1.05e-002	1.76e-002	-6.05e-002
	398	5.23e-006	-2.54e-002	-1.41e-005	-3.16e-003	8.92e-003	-6.08e-002
	399	-8.99e-005	-2.54e-002	3.56e-005	-4.90e-004	-2.18e-002	-6.79e-002
	380	-8.99e-005	-2.88e-002	3.64e-004	-1.40e-002	-1.98e-002	-6.76e-002
601	376	1.87e-004	-2.87e-002	3.50e-004	-6.59e-003	5.42e-002	-5.30e-002
	397	1.87e-004	-2.62e-002	5.66e-005	-2.22e-003	4.94e-002	-5.37e-002
	398	5.23e-006	-2.62e-002	-9.49e-006	-3.46e-005	2.02e-002	-5.87e-002
	378	5.23e-006	-2.87e-002	2.84e-004	-1.06e-002	2.28e-002	-5.80e-002
602	374	-1.07e-003	-2.85e-002	-7.01e-005	-5.97e-003	8.97e-002	-4.91e-002
	396	-1.07e-003	-2.72e-002	4.56e-004	-1.14e-003	8.61e-002	-4.88e-002
	397	1.87e-004	-2.72e-002	6.32e-004	1.04e-004	5.95e-002	-5.21e-002
	376	1.87e-004	-2.85e-002	1.06e-004	-6.46e-003	6.09e-002	-5.24e-002
603	372	1.98e-004	-2.82e-002	-6.59e-004	-4.31e-003	0.11	-4.27e-002
	395	1.98e-004	-2.69e-002	-6.77e-004	-1.28e-003	0.11	-4.27e-002
	396	-1.07e-003	-2.69e-002	-4.26e-004	-1.28e-003	0.10	-4.73e-002
	374	-1.07e-003	-2.82e-002	-4.08e-004	-4.37e-003	0.10	-4.73e-002
604	370	5.68e-005	-2.78e-002	-8.27e-004	-2.95e-003	0.12	-3.73e-002
	394	5.68e-005	-2.52e-002	6.21e-005	1.03e-006	0.12	-3.80e-002
	395	1.98e-004	-2.52e-002	-4.76e-005	-5.74e-004	0.11	-4.11e-002
	372	1.98e-004	-2.78e-002	-9.37e-004	-4.07e-003	0.12	-4.04e-002
605	368	7.44e-004	-2.76e-002	-1.38e-003	6.30e-004	0.10	-3.12e-002
	393	7.44e-004	-2.35e-002	-2.71e-005	5.24e-003	0.10	-3.40e-002
	394	5.68e-005	-2.35e-002	2.48e-004	-1.39e-003	0.11	-3.74e-002
	370	5.68e-005	-2.76e-002	-1.10e-003	-2.63e-004	0.12	-3.46e-002
606	298	-4.47e-003	-2.61e-002	-1.72e-003	5.40e-003	4.60e-002	-9.41e-003
	292	-4.47e-003	-2.27e-002	2.98e-003	2.31e-002	2.42e-002	-1.70e-002
	393	7.44e-004	-2.27e-002	2.21e-003	-8.26e-004	0.10	-3.50e-002
	368	7.44e-004	-2.61e-002	-2.49e-003	9.23e-003	0.10	-2.74e-002
607	391	1.79e-003	-2.19e-002	-1.80e-004	-0.11	0.25	-6.00e-002
	390	1.79e-003	-2.83e-002	-4.86e-003	-3.39e-002	3.34e-003	2.06e-002
	392	8.05e-004	-2.83e-002	-6.45e-003	0.15	0.66	8.89e-002
	363	8.05e-004	-2.19e-002	-1.77e-003	-4.45e-002	0.33	8.27e-003
608	389	8.62e-004	-3.25e-002	8.24e-004	-0.12	-1.51e-002	-0.10
	388	8.62e-004	-2.95e-002	-1.87e-003	-5.97e-002	-0.20	-0.11
	390	1.79e-003	-2.95e-002	-2.85e-003	6.11e-002	-0.10	-5.27e-002
	391	1.79e-003	-3.25e-002	-1.56e-004	-0.26	-0.36	-4.69e-002
609	387	-3.45e-005	-3.30e-002	-6.62e-005	-2.63e-002	1.72e-002	-9.13e-002
	386	-3.45e-005	-2.92e-002	-9.05e-004	-6.36e-002	-8.11e-002	-0.12

	388	8.62e-004	-2.92e-002	-3.51e-004	-2.90e-002	-0.17	-0.12
	389	8.62e-004	-3.30e-002	4.88e-004	-0.14	-0.26	-0.10
610	385	1.47e-004	-3.28e-002	-2.72e-004	-4.22e-002	-7.22e-002	-8.82e-002
	384	1.47e-004	-2.92e-002	-3.96e-004	-2.73e-002	-8.24e-002	-9.06e-002
	386	-3.45e-005	-2.92e-002	-5.05e-004	-3.46e-002	-7.66e-002	-9.45e-002
	387	-3.45e-005	-3.28e-002	-3.81e-004	-4.24e-002	-8.18e-002	-9.21e-002
611	383	1.93e-004	-3.31e-002	-1.52e-004	-4.72e-002	-6.60e-002	-8.03e-002
	382	1.93e-004	-2.91e-002	-8.12e-005	-2.08e-002	-6.36e-002	-8.03e-002
	384	1.47e-004	-2.91e-002	-2.19e-004	-2.63e-002	-7.55e-002	-8.61e-002
	385	1.47e-004	-3.31e-002	-2.90e-004	-4.17e-002	-6.57e-002	-8.61e-002
612	381	7.53e-005	-3.26e-002	9.52e-005	-3.88e-002	-4.22e-002	-6.84e-002
	380	7.53e-005	-2.89e-002	2.87e-004	-1.39e-002	-2.63e-002	-7.26e-002
	382	1.93e-004	-2.89e-002	1.11e-004	-2.63e-002	-5.59e-002	-7.88e-002
	383	1.93e-004	-3.26e-002	-8.02e-005	-3.92e-002	-3.20e-002	-7.46e-002
613	379	1.15e-005	-3.17e-002	-4.21e-006	-2.49e-002	-4.33e-003	-5.95e-002
	378	1.15e-005	-2.88e-002	2.71e-004	-7.60e-003	1.78e-002	-6.41e-002
	380	7.53e-005	-2.88e-002	3.74e-004	-2.28e-002	-1.69e-002	-7.01e-002
	381	7.53e-005	-3.17e-002	9.84e-005	-2.39e-002	1.30e-002	-6.55e-002
614	377	-1.33e-004	-3.08e-002	1.40e-004	-1.96e-002	2.83e-002	-5.41e-002
	376	-1.33e-004	-2.87e-002	3.74e-004	-1.29e-003	5.30e-002	-5.63e-002
	378	1.15e-005	-2.87e-002	2.40e-004	-1.77e-002	2.65e-002	-6.09e-002
	379	1.15e-005	-3.08e-002	6.20e-006	-9.97e-003	5.72e-002	-5.88e-002
615	375	-2.94e-004	-2.99e-002	-2.23e-004	-9.66e-003	7.52e-002	-4.74e-002
	374	-2.94e-004	-2.85e-002	-2.06e-004	7.84e-004	9.01e-002	-5.01e-002
	376	-1.33e-004	-2.85e-002	1.30e-004	-1.15e-002	6.29e-002	-5.57e-002
	377	-1.33e-004	-2.99e-002	1.13e-004	-5.97e-003	8.50e-002	-5.29e-002
616	373	-1.51e-004	-2.96e-002	-6.34e-004	1.47e-003	0.14	-3.73e-002
	372	-1.51e-004	-2.82e-002	-8.53e-004	-7.99e-003	0.12	-3.77e-002
	374	-2.94e-004	-2.82e-002	-5.44e-004	-5.15e-003	0.10	-4.89e-002
	375	-2.94e-004	-2.96e-002	-3.25e-004	-2.77e-003	0.10	-4.85e-002
617	371	5.07e-005	-3.01e-002	-5.99e-004	5.41e-003	0.15	-2.85e-002
	370	5.07e-005	-2.78e-002	-1.10e-003	-6.69e-003	0.12	-3.05e-002
	372	-1.51e-004	-2.78e-002	-1.13e-003	5.13e-003	0.12	-3.67e-002
	373	-1.51e-004	-3.01e-002	-6.34e-004	-1.25e-002	8.97e-002	-3.48e-002
618	369	-5.92e-004	-3.06e-002	-1.01e-004	2.40e-002	0.14	-1.08e-002
	368	-5.92e-004	-2.76e-002	-1.03e-003	6.86e-003	0.10	-1.93e-002
	370	5.07e-005	-2.76e-002	-1.37e-003	8.08e-003	0.12	-2.99e-002
	371	5.07e-005	-3.06e-002	-4.40e-004	-3.60e-003	9.40e-002	-2.14e-002
619	289	-1.63e-003	-3.13e-002	-1.36e-003	6.44e-002	0.18	2.05e-002
	298	-1.63e-003	-2.61e-002	-3.38e-003	9.35e-003	6.66e-002	1.02e-002
	368	-5.92e-004	-2.61e-002	-2.15e-003	2.93e-002	0.10	-1.83e-002
	369	-5.92e-004	-3.13e-002	-1.29e-004	1.27e-002	2.82e-002	-8.08e-003
620	353	-5.09e-005	-3.62e-002	-2.96e-003	-1.27e-002	-0.35	-1.89e-002
	297	-5.09e-005	-3.43e-002	-2.38e-003	-3.87e-002	-0.42	1.17e-002
	289	1.46e-004	-3.43e-002	-1.54e-003	8.42e-002	-7.00e-002	5.44e-003
	355	1.46e-004	-3.62e-002	-2.13e-003	-1.71e-002	-0.14	-2.51e-002
621	351	1.95e-004	-4.02e-002	-2.89e-003	-1.14e-002	-0.90	-1.34e-002
	295	1.95e-004	-4.26e-002	-2.57e-003	-0.29	-1.18	6.41e-002
	297	-5.09e-005	-4.26e-002	-2.57e-003	6.18e-002	-0.17	1.78e-002
	353	-5.09e-005	-4.02e-002	-2.88e-003	-6.64e-002	-0.39	-5.97e-002
622	281	8.27e-004	-4.39e-002	-1.10e-003	8.76e-002	-0.48	0.25
	201	8.27e-004	-5.04e-002	-1.71e-004	-0.15	-0.67	0.21
	295	1.95e-004	-5.04e-002	-2.02e-003	-0.21	-0.84	7.37e-002
	351	1.95e-004	-4.39e-002	-2.95e-003	-6.67e-002	-0.93	0.11
623	354	1.03e-005	-3.75e-002	7.21e-004	-2.28e-002	-0.37	-2.69e-002
	353	1.03e-005	-3.62e-002	-1.29e-003	-1.84e-002	-0.33	-4.82e-002
	355	8.18e-004	-3.62e-002	-1.65e-003	-3.09e-002	-0.16	-3.02e-002
	288	8.18e-004	-3.75e-002	3.60e-004	-5.95e-002	-0.16	-8.94e-003
624	352	-8.16e-005	-3.65e-002	6.15e-004	-1.85e-002	-0.65	1.93e-002
	351	-8.16e-005	-4.02e-002	-1.41e-003	6.96e-002	-0.80	-2.40e-002

	353	1.03e-005	-4.02e-002	-1.21e-003	-4.34e-002	-0.45	-7.98e-002
	354	1.03e-005	-3.65e-002	8.09e-004	-5.31e-003	-0.52	-3.66e-002
625	200	1.46e-004	-3.66e-002	3.70e-004	4.97e-002	-0.34	0.21
	281	1.46e-004	-4.39e-002	-1.43e-003	2.23e-002	-0.43	0.20
	351	-8.16e-005	-4.39e-002	-1.47e-003	1.28e-002	-0.90	6.33e-002
	352	-8.16e-005	-3.66e-002	3.33e-004	2.38e-002	-0.81	7.47e-002
626	347	-1.73e-004	-3.59e-002	9.74e-004	1.35e-003	-9.09e-002	5.10e-002
	350	-1.73e-004	-3.43e-002	1.04e-003	4.04e-003	-8.35e-002	6.85e-002
	283	8.07e-004	-3.43e-002	5.60e-004	3.97e-002	-0.12	4.90e-002
	348	8.07e-004	-3.59e-002	4.98e-004	5.82e-003	-7.69e-002	3.16e-002
627	346	-5.10e-005	-3.62e-002	1.35e-003	-1.31e-002	-7.92e-002	6.30e-002
	349	-5.10e-005	-3.69e-002	-1.18e-004	3.44e-003	-7.52e-002	6.60e-002
	350	-1.73e-004	-3.69e-002	-1.29e-006	1.30e-003	-8.45e-002	6.06e-002
	347	-1.73e-004	-3.62e-002	1.46e-003	-4.21e-003	-7.12e-002	5.77e-002
628	271	9.78e-005	-3.68e-002	1.36e-003	-1.36e-002	-0.10	7.62e-002
	195	9.78e-005	-3.94e-002	-2.09e-004	1.92e-003	-8.31e-002	7.68e-002
	349	-5.10e-005	-3.94e-002	-8.07e-005	-5.06e-003	-7.30e-002	6.95e-002
	346	-5.10e-005	-3.68e-002	1.48e-003	-4.82e-003	-4.85e-002	6.89e-002
629	345	3.52e-004	-3.63e-002	8.22e-004	-4.54e-002	-0.14	3.38e-002
	347	3.52e-004	-3.59e-002	1.16e-003	1.67e-002	-9.12e-002	3.88e-002
	348	2.22e-004	-3.59e-002	8.27e-004	-1.48e-002	-6.92e-002	2.96e-002
	282	2.22e-004	-3.63e-002	4.91e-004	5.67e-003	-7.33e-003	2.46e-002
630	344	-3.07e-005	-3.57e-002	7.57e-004	-5.32e-002	-0.15	5.11e-002
	346	-3.07e-005	-3.62e-002	1.57e-003	2.78e-002	-8.50e-002	5.52e-002
	347	3.52e-004	-3.62e-002	1.65e-003	-2.34e-002	-6.23e-002	4.44e-002
	345	3.52e-004	-3.57e-002	8.36e-004	1.39e-002	1.54e-002	4.03e-002
631	194	4.44e-004	-3.54e-002	6.23e-004	-4.36e-002	-0.15	5.25e-002
	271	4.44e-004	-3.68e-002	1.68e-003	-2.88e-002	-0.11	6.48e-002
	346	-3.07e-005	-3.68e-002	1.71e-003	-1.86e-002	-3.76e-002	6.23e-002
	344	-3.07e-005	-3.54e-002	6.54e-004	1.10e-002	8.34e-003	5.00e-002
632	342	-9.27e-005	-3.44e-002	9.04e-004	-1.73e-002	-1.89e-002	4.35e-002
	345	-9.27e-005	-3.63e-002	6.70e-004	-9.18e-003	1.29e-002	4.52e-002
	282	-8.08e-005	-3.63e-002	5.34e-004	-2.74e-002	-0.10	2.67e-002
	343	-8.08e-005	-3.44e-002	7.67e-004	5.90e-003	-4.49e-002	2.49e-002
633	341	-8.47e-005	-3.40e-002	1.04e-003	-3.00e-002	4.67e-002	5.88e-002
	344	-8.47e-005	-3.57e-002	7.55e-004	-3.41e-003	8.24e-002	6.07e-002
	345	-9.27e-005	-3.57e-002	7.17e-004	-1.98e-002	-4.37e-002	5.21e-002
	342	-9.27e-005	-3.40e-002	1.00e-003	-8.20e-003	4.10e-003	5.01e-002
634	264	-1.47e-004	-3.35e-002	1.35e-003	-2.24e-002	8.71e-002	5.97e-002
	194	-1.47e-004	-3.54e-002	9.83e-004	-2.79e-002	0.10	6.18e-002
	344	-8.47e-005	-3.54e-002	8.14e-004	-1.71e-002	5.66e-002	6.02e-002
	341	-8.47e-005	-3.35e-002	1.18e-003	-2.50e-002	6.80e-002	5.81e-002
635	340	-1.57e-004	-3.27e-002	4.74e-004	-7.66e-003	-1.86e-003	4.41e-002
	342	-1.57e-004	-3.44e-002	7.18e-004	-1.28e-002	-1.69e-002	4.77e-002
	343	-1.62e-004	-3.44e-002	6.83e-004	-3.94e-003	-3.34e-002	3.15e-002
	290	-1.62e-004	-3.27e-002	4.40e-004	-6.11e-003	-2.56e-002	2.78e-002
636	339	-1.34e-004	-3.23e-002	5.42e-004	-2.28e-002	4.75e-002	5.49e-002
	341	-1.34e-004	-3.40e-002	8.69e-004	-2.19e-002	4.30e-002	6.13e-002
	342	-1.57e-004	-3.40e-002	8.17e-004	-8.64e-003	1.21e-002	5.52e-002
	340	-1.57e-004	-3.23e-002	4.90e-004	-1.79e-002	1.61e-002	4.88e-002
637	202	-2.09e-004	-3.17e-002	6.49e-004	-2.58e-002	0.10	6.47e-002
	264	-2.09e-004	-3.35e-002	1.10e-003	-2.30e-002	8.84e-002	6.38e-002
	341	-1.34e-004	-3.35e-002	1.01e-003	-2.34e-002	6.86e-002	5.80e-002
	339	-1.34e-004	-3.17e-002	5.61e-004	-2.89e-002	6.26e-002	5.89e-002
638	337	-2.18e-004	-3.09e-002	3.01e-004	-1.32e-002	1.18e-002	3.46e-002
	340	-2.18e-004	-3.27e-002	3.58e-004	-1.29e-002	2.51e-003	4.03e-002
	290	-2.05e-004	-3.27e-002	3.51e-004	-4.58e-003	-1.95e-002	2.77e-002
	338	-2.05e-004	-3.09e-002	2.94e-004	-6.90e-003	-9.06e-003	2.20e-002
639	336	-2.18e-004	-3.05e-002	3.32e-004	-2.90e-002	5.25e-002	4.54e-002
	339	-2.18e-004	-3.23e-002	4.03e-004	-2.21e-002	4.82e-002	5.34e-002

	340	-2.18e-004	-3.23e-002	3.74e-004	-1.24e-002	1.94e-002	4.58e-002
	337	-2.18e-004	-3.05e-002	3.03e-004	-1.82e-002	2.70e-002	3.78e-002
640	257	-2.03e-004	-3.00e-002	3.07e-004	-4.07e-002	0.11	5.81e-002
	202	-2.03e-004	-3.17e-002	4.09e-004	-3.10e-002	0.10	6.11e-002
	339	-2.18e-004	-3.17e-002	4.22e-004	-2.83e-002	6.40e-002	5.32e-002
	336	-2.18e-004	-3.00e-002	3.20e-004	-3.31e-002	6.64e-002	5.03e-002
641	334	-2.09e-004	-2.93e-002	-4.73e-005	-1.76e-002	2.22e-002	2.49e-002
	337	-2.09e-004	-3.09e-002	1.53e-004	-1.57e-002	1.51e-002	3.14e-002
	338	-2.02e-004	-3.09e-002	1.70e-004	-6.92e-003	-4.63e-003	2.22e-002
	335	-2.02e-004	-2.93e-002	-2.96e-005	-9.70e-003	2.70e-003	1.56e-002
642	333	-2.03e-004	-2.89e-002	-9.14e-005	-3.41e-002	5.91e-002	3.43e-002
	336	-2.03e-004	-3.05e-002	1.48e-004	-2.71e-002	5.43e-002	4.30e-002
	337	-2.09e-004	-3.05e-002	1.55e-004	-1.72e-002	2.96e-002	3.59e-002
	334	-2.09e-004	-2.89e-002	-8.47e-005	-2.17e-002	3.59e-002	2.72e-002
643	253	-1.50e-004	-2.84e-002	-2.03e-004	-5.52e-002	0.11	4.34e-002
	257	-1.50e-004	-3.00e-002	7.40e-005	-4.57e-002	0.11	5.05e-002
	336	-2.03e-004	-3.00e-002	1.36e-004	-3.52e-002	6.90e-002	4.50e-002
	333	-2.03e-004	-2.84e-002	-1.41e-004	-4.09e-002	7.39e-002	3.78e-002
644	332	-1.75e-004	-2.77e-002	-2.67e-004	-2.03e-002	3.02e-002	1.41e-002
	334	-1.75e-004	-2.93e-002	-2.06e-004	-1.92e-002	2.46e-002	2.16e-002
	335	-1.76e-004	-2.93e-002	-1.71e-004	-9.18e-003	5.81e-003	1.52e-002
	291	-1.76e-004	-2.77e-002	-2.32e-004	-1.12e-002	1.02e-002	7.75e-003
645	331	-1.63e-004	-2.73e-002	-3.36e-004	-3.75e-002	6.41e-002	2.04e-002
	333	-1.63e-004	-2.89e-002	-2.75e-004	-3.43e-002	6.05e-002	3.04e-002
	334	-1.75e-004	-2.89e-002	-2.43e-004	-2.17e-002	3.83e-002	2.54e-002
	332	-1.75e-004	-2.73e-002	-3.05e-004	-2.46e-002	4.26e-002	1.54e-002
646	203	-8.51e-005	-2.68e-002	-4.51e-004	-6.54e-002	0.11	2.43e-002
	253	-8.51e-005	-2.84e-002	-3.96e-004	-5.83e-002	0.11	3.42e-002
	333	-1.63e-004	-2.84e-002	-3.24e-004	-4.25e-002	7.59e-002	3.20e-002
	331	-1.63e-004	-2.68e-002	-3.80e-004	-4.69e-002	7.94e-002	2.21e-002
647	329	-1.07e-004	-2.63e-002	-7.41e-004	-2.21e-002	2.50e-002	2.24e-003
	332	-1.07e-004	-2.77e-002	-4.00e-004	-1.82e-002	3.16e-002	8.74e-003
	291	-1.10e-004	-2.77e-002	-3.56e-004	-1.27e-002	1.21e-002	5.40e-003
	330	-1.10e-004	-2.63e-002	-6.97e-004	-9.13e-003	2.35e-002	-1.10e-003
648	328	-8.54e-005	-2.59e-002	-8.51e-004	-3.71e-002	5.81e-002	6.28e-003
	331	-8.54e-005	-2.73e-002	-4.83e-004	-3.62e-002	6.54e-002	1.46e-002
	332	-1.07e-004	-2.73e-002	-4.37e-004	-2.65e-002	4.41e-002	1.15e-002
	329	-1.07e-004	-2.59e-002	-8.06e-004	-2.30e-002	5.57e-002	3.21e-003
649	246	-4.66e-005	-2.54e-002	-9.81e-004	-7.09e-002	0.11	4.21e-003
	203	-4.66e-005	-2.68e-002	-5.89e-004	-6.61e-002	0.11	1.46e-002
	331	-8.54e-005	-2.68e-002	-5.26e-004	-4.78e-002	7.96e-002	1.49e-002
	328	-8.54e-005	-2.54e-002	-9.18e-004	-4.91e-002	8.03e-002	4.47e-003
650	327	-5.52e-005	-2.49e-002	-6.44e-004	-1.19e-003	0.10	3.41e-003
	329	-5.52e-005	-2.63e-002	-9.48e-004	-3.41e-002	3.19e-002	1.02e-002
	330	-6.68e-005	-2.63e-002	-8.86e-004	7.29e-003	1.88e-002	7.34e-003
	287	-6.68e-005	-2.49e-002	-5.82e-004	-2.34e-002	-4.94e-002	5.96e-004
651	326	-2.32e-005	-2.45e-002	-7.04e-004	-9.28e-003	0.14	1.37e-003
	328	-2.32e-005	-2.59e-002	-1.05e-003	-6.38e-002	6.42e-002	1.13e-002
	329	-5.52e-005	-2.59e-002	-1.01e-003	-8.27e-003	5.13e-002	1.28e-002
	327	-5.52e-005	-2.45e-002	-6.65e-004	-3.66e-002	-2.48e-002	2.92e-003
652	199	-8.09e-005	-2.39e-002	-8.07e-004	-4.77e-002	0.16	-2.62e-003
	246	-8.09e-005	-2.54e-002	-1.17e-003	-7.01e-002	0.12	1.86e-003
	328	-2.32e-005	-2.54e-002	-1.12e-003	-4.01e-002	7.26e-002	6.85e-003
	326	-2.32e-005	-2.39e-002	-7.60e-004	-6.05e-002	2.10e-002	2.36e-003
653	323	7.44e-005	-2.62e-002	-1.40e-003	-7.93e-003	6.35e-002	-1.11e-002
	327	7.44e-005	-2.49e-002	-8.41e-004	-1.84e-002	7.57e-003	-8.46e-003
	287	6.22e-005	-2.49e-002	-7.37e-004	-5.47e-003	0.12	-6.75e-003
	325	6.22e-005	-2.62e-002	-1.30e-003	-1.61e-002	6.24e-002	-9.37e-003
654	321	3.28e-006	-2.66e-002	-1.50e-003	-1.28e-002	6.23e-002	-1.51e-002
	326	3.28e-006	-2.45e-002	-8.44e-004	-3.79e-002	-2.88e-003	-1.00e-002

	327	7.44e-005	-2.45e-002	-8.57e-004	-1.63e-002	0.13	-7.86e-003
	323	7.44e-005	-2.66e-002	-1.51e-003	-2.52e-002	5.94e-002	-1.29e-002
655	239	1.22e-005	-2.72e-002	-1.55e-003	-3.28e-002	4.66e-002	-3.67e-002
	199	1.22e-005	-2.39e-002	-9.06e-004	-7.61e-002	-2.79e-003	-2.16e-002
	326	3.28e-006	-2.39e-002	-8.77e-004	-2.87e-002	0.13	-8.33e-003
	321	3.28e-006	-2.72e-002	-1.52e-003	-4.30e-002	6.06e-002	-2.34e-002
656	324	-8.30e-006	-2.72e-002	-2.69e-004	-3.14e-003	5.50e-002	-2.56e-002
	323	-8.30e-006	-2.62e-002	-1.15e-003	-9.82e-003	6.68e-002	-2.26e-002
	325	4.11e-004	-2.62e-002	-1.06e-003	-5.69e-003	5.71e-002	-1.86e-002
	286	4.11e-004	-2.72e-002	-1.73e-004	-1.71e-003	6.02e-002	-2.17e-002
657	322	3.77e-005	-2.87e-002	4.72e-005	-1.42e-003	4.45e-002	-3.66e-002
	321	3.77e-005	-2.66e-002	-1.22e-003	-2.31e-002	6.45e-002	-3.18e-002
	323	-8.30e-006	-2.66e-002	-1.26e-003	-1.16e-002	5.42e-002	-2.24e-002
	324	-8.30e-006	-2.87e-002	4.97e-006	-4.19e-003	5.36e-002	-2.73e-002
658	198	2.14e-005	-3.05e-002	-7.87e-006	-1.15e-002	3.12e-002	-5.32e-002
	239	2.14e-005	-2.72e-002	-1.26e-003	-2.48e-002	5.20e-002	-5.00e-002
	321	3.77e-005	-2.72e-002	-1.24e-003	-2.45e-002	4.80e-002	-3.69e-002
	322	3.77e-005	-3.05e-002	2.03e-005	-3.84e-003	4.73e-002	-4.01e-002
659	317	1.12e-004	-2.72e-002	-1.07e-004	3.87e-002	-0.20	5.93e-002
	320	1.12e-004	-2.71e-002	4.01e-005	4.54e-003	-0.22	2.76e-002
	285	6.70e-004	-2.71e-002	1.10e-004	1.89e-003	-0.11	1.68e-002
	318	6.70e-004	-2.72e-002	-3.71e-005	-1.64e-002	-0.10	4.86e-002
660	316	-2.95e-004	-2.88e-002	-2.17e-004	0.13	-0.41	-2.11e-002
	319	-2.95e-004	-2.59e-002	-1.59e-004	3.04e-003	-0.31	-6.50e-002
	320	1.12e-004	-2.59e-002	-1.52e-004	4.03e-002	-0.27	1.83e-002
	317	1.12e-004	-2.88e-002	-2.10e-004	1.70e-002	-0.35	6.21e-002
661	229	-2.45e-004	-3.02e-002	8.21e-004	3.01e-002	-1.08e-002	-0.26
	197	-2.45e-004	-2.54e-002	1.38e-004	-2.87e-003	-1.05e-002	-0.21
	319	-2.95e-004	-2.54e-002	-2.82e-004	5.42e-002	-0.29	-8.55e-002
	316	-2.95e-004	-3.02e-002	4.01e-004	0.10	-0.49	-0.14
662	307	1.14e-004	-2.46e-002	2.72e-003	1.44e-002	-0.28	4.94e-002
	317	1.14e-004	-2.72e-002	1.22e-003	-1.82e-002	-0.22	5.32e-002
	318	1.90e-004	-2.72e-002	7.29e-004	-5.96e-002	-5.91e-002	2.60e-002
	284	1.90e-004	-2.46e-002	2.23e-003	6.27e-002	6.14e-002	2.22e-002
663	306	2.22e-005	-3.23e-002	2.90e-003	-0.16	-0.92	-1.03e-002
	316	2.22e-005	-2.88e-002	1.04e-003	0.14	-0.49	-4.06e-002
	317	1.14e-004	-2.88e-002	1.12e-003	-2.40e-002	-0.34	3.80e-002
	307	1.14e-004	-3.23e-002	2.99e-003	-4.40e-002	-8.53e-002	6.83e-002
664	196	1.15e-004	-3.87e-002	1.11e-003	-0.11	-0.41	-0.32
	229	1.15e-004	-3.02e-002	7.28e-004	0.14	-7.30e-002	-0.34
	316	2.22e-005	-3.02e-002	1.65e-003	0.19	-0.58	-0.12
	306	2.22e-005	-3.87e-002	2.04e-003	-0.20	-0.61	-0.10
665	314	-8.45e-003	1.08e-003	3.57e-003	5.07e-002	-7.48e-002	-3.11e-002
	304	-8.45e-003	-8.60e-003	2.90e-003	4.11e-002	-4.40e-002	-4.01e-002
	293	-1.54e-002	-9.84e-003	-2.77e-003	3.60e-002	-2.02e-002	-2.90e-002
	315	-1.54e-002	1.08e-003	-1.69e-003	2.88e-002	-6.91e-003	-1.86e-002
666	313	-5.76e-004	6.95e-003	8.89e-003	9.12e-002	-0.15	-2.65e-002
	302	-5.76e-004	-5.12e-003	1.18e-002	0.10	-0.16	-5.86e-002
	304	-8.45e-003	-5.12e-003	7.51e-003	3.86e-002	-0.11	-6.17e-002
	314	-8.45e-003	6.95e-003	4.60e-003	7.31e-002	-0.12	-2.96e-002
667	312	3.97e-002	2.52e-002	7.83e-003	0.10	-8.44e-002	2.83e-002
	205	3.97e-002	-6.47e-003	2.01e-002	0.18	-0.16	8.61e-003
	302	-5.76e-004	-6.47e-003	1.97e-002	0.10	-0.21	-4.72e-002
	313	-5.76e-004	2.52e-002	7.49e-003	0.12	-0.22	-2.75e-002
668	310	-1.15e-002	8.60e-004	-1.94e-003	6.05e-002	-7.48e-002	1.30e-002
	314	-1.15e-002	1.08e-003	1.00e-003	5.99e-002	-7.29e-002	-1.50e-002
	315	-1.41e-002	1.08e-003	1.22e-003	2.40e-002	-1.29e-002	-1.35e-002
	311	-1.41e-002	8.60e-004	-1.72e-003	2.47e-002	-1.33e-002	1.45e-002
669	309	-8.33e-003	6.45e-003	-2.00e-003	0.12	-0.15	1.07e-002
	313	-8.33e-003	6.95e-003	2.58e-003	0.11	-0.15	-2.25e-002

	314	-1.15e-002	6.95e-003	2.04e-003	7.43e-002	-0.12	-1.82e-002
	310	-1.15e-002	6.45e-003	-2.54e-003	7.28e-002	-0.12	1.50e-002
670	308	5.46e-002	2.51e-002	-1.32e-004	0.11	-8.23e-002	-2.87e-002
	312	5.46e-002	2.52e-002	1.03e-003	0.10	-7.77e-002	-2.36e-002
	313	-8.33e-003	2.52e-002	1.18e-003	0.12	-0.22	-8.92e-003
	309	-8.33e-003	2.51e-002	2.29e-005	0.11	-0.23	-1.40e-002
671	300	-8.90e-003	-1.11e-002	-2.64e-003	4.15e-002	-5.37e-002	3.53e-002
	310	-8.90e-003	8.60e-004	-4.09e-003	5.10e-002	-7.88e-002	2.83e-002
	311	-1.28e-002	8.60e-004	1.16e-003	2.85e-002	-7.32e-003	1.95e-002
	292	-1.28e-002	-1.23e-002	2.84e-003	4.19e-002	-2.02e-002	2.81e-002
672	299	-1.22e-003	-8.15e-003	-1.17e-002	0.11	-0.18	4.29e-002
	309	-1.22e-003	6.45e-003	-8.78e-003	7.53e-002	-0.16	1.21e-002
	310	-8.90e-003	6.45e-003	-4.69e-003	7.34e-002	-0.12	2.58e-002
	300	-8.90e-003	-8.15e-003	-7.57e-003	3.62e-002	-0.12	5.67e-002
673	204	4.33e-002	-8.60e-003	-1.98e-002	0.18	-0.23	-7.46e-002
	308	4.33e-002	2.51e-002	-6.66e-003	0.10	-0.10	-9.30e-002
	309	-1.22e-003	2.51e-002	-6.76e-003	0.12	-0.24	3.99e-003
	299	-1.22e-003	-8.60e-003	-1.99e-002	9.16e-002	-0.22	2.24e-002
674	303	-1.69e-003	-1.86e-002	7.66e-003	-0.13	-3.16e-002	-0.13
	307	-1.69e-003	-2.46e-002	3.95e-003	0.12	0.54	-9.11e-002
	284	-1.77e-003	-2.46e-002	1.90e-003	-2.71e-002	-0.39	-2.46e-002
	305	-1.77e-003	-1.86e-002	5.61e-003	0.13	8.35e-002	-6.42e-002
675	301	3.75e-003	-1.99e-002	1.11e-002	-0.23	-0.21	-0.17
	306	3.75e-003	-3.23e-002	6.97e-003	-7.98e-002	0.42	-8.50e-002
	307	-1.69e-003	-3.23e-002	4.73e-003	-0.19	-0.65	-7.33e-002
	303	-1.69e-003	-1.99e-002	8.85e-003	0.11	-3.52e-002	-0.15
676	222	1.52e-004	-3.00e-002	4.72e-004	2.75e-002	-0.17	-0.10
	196	1.52e-004	-3.87e-002	-1.24e-003	-4.66e-002	-6.05e-003	-0.17
	306	3.75e-003	-3.87e-002	5.48e-003	-0.31	-0.47	-0.20
	301	3.75e-003	-3.00e-002	7.19e-003	1.65e-003	-0.27	-0.12
677	304	-5.42e-003	-8.27e-003	4.52e-003	3.31e-002	-4.21e-002	-4.61e-002
	303	-5.42e-003	-1.86e-002	7.93e-003	-1.34e-002	-8.45e-002	-4.41e-002
	305	-4.88e-003	-1.86e-002	3.85e-003	3.20e-002	0.10	-6.80e-003
	293	-4.88e-003	-9.22e-003	4.73e-004	-1.70e-003	-2.04e-004	-1.23e-002
678	302	-2.71e-004	-5.12e-003	1.35e-002	6.19e-002	-0.18	-7.11e-002
	301	-2.71e-004	-1.99e-002	1.37e-002	-1.68e-003	-0.23	-8.32e-002
	303	-5.42e-003	-1.99e-002	9.11e-003	3.13e-004	-1.19e-002	-6.37e-002
	304	-5.42e-003	-5.12e-003	8.95e-003	2.56e-002	-9.16e-002	-5.16e-002
679	205	1.46e-003	-6.47e-003	1.48e-002	0.12	-0.18	-3.15e-002
	222	1.46e-003	-3.00e-002	3.13e-003	3.39e-002	-0.19	-4.94e-002
	301	-2.71e-004	-3.00e-002	9.76e-003	-8.64e-003	-0.23	-6.82e-002
	302	-2.71e-004	-6.47e-003	2.14e-002	9.28e-002	-0.21	-5.02e-002
680	296	-5.81e-003	-2.51e-002	-7.69e-003	-5.48e-003	-6.42e-002	4.48e-002
	300	-5.81e-003	-1.08e-002	-3.99e-003	2.22e-002	-5.02e-002	4.72e-002
	292	-4.47e-003	-1.17e-002	-1.80e-004	7.56e-003	-2.88e-003	1.13e-002
	298	-4.47e-003	-2.51e-002	-3.79e-003	2.03e-002	6.99e-002	5.98e-003
681	294	-1.02e-003	-2.64e-002	-1.38e-002	1.88e-002	-0.25	6.94e-002
	299	-1.02e-003	-8.15e-003	-1.37e-002	4.01e-002	-0.21	5.71e-002
	300	-5.81e-003	-8.15e-003	-8.74e-003	3.12e-002	-0.10	5.14e-002
	296	-5.81e-003	-2.64e-002	-8.92e-003	-7.42e-003	-5.50e-002	6.38e-002
682	212	2.42e-003	-3.68e-002	-3.36e-003	4.01e-002	-0.30	-5.85e-003
	204	2.42e-003	-8.60e-003	-1.51e-002	0.12	-0.27	-2.31e-002
	299	-1.02e-003	-8.60e-003	-2.19e-002	0.10	-0.24	2.86e-002
	294	-1.02e-003	-3.68e-002	-1.01e-002	-1.65e-003	-0.26	4.58e-002
683	297	-1.80e-003	-3.43e-002	-3.70e-003	6.75e-002	0.27	6.39e-002
	296	-1.80e-003	-2.51e-002	-7.34e-003	-7.41e-002	-3.17e-002	8.88e-002
	298	-1.63e-003	-2.51e-002	-5.45e-003	6.10e-002	7.31e-002	3.10e-002
	289	-1.63e-003	-3.43e-002	-1.82e-003	3.21e-003	-0.14	6.13e-003
684	295	3.22e-003	-4.26e-002	-7.18e-003	-0.10	0.11	5.41e-002
	294	3.22e-003	-2.64e-002	-1.11e-002	-0.15	-0.24	0.12

	296	-1.80e-003	-2.64e-002	-8.57e-003	5.84e-002	-5.88e-002	0.11
	297	-1.80e-003	-4.26e-002	-4.62e-003	-0.12	-0.40	4.55e-002
685	201	3.50e-004	-5.04e-002	1.08e-003	-0.10	-0.24	8.56e-002
	212	3.50e-004	-3.68e-002	-7.93e-004	3.62e-002	-0.31	3.96e-002
	294	3.22e-003	-3.68e-002	-7.44e-003	1.63e-003	-0.29	7.65e-002
	295	3.22e-003	-5.04e-002	-5.56e-003	-0.24	-0.40	0.12
687	279	4.11e-004	-4.48e-002	-3.10e-003	-1.02e-002	0.73	0.20
	211	4.11e-004	-4.72e-002	-9.46e-004	0.15	0.73	0.14
	201	8.27e-004	-4.72e-002	1.90e-004	0.23	0.23	0.25
	281	8.27e-004	-4.48e-002	-1.96e-003	-0.24	7.83e-002	0.30
688	277	3.59e-004	-4.51e-002	-4.69e-003	0.10	0.84	4.09e-002
	209	3.59e-004	-4.50e-002	-2.24e-003	0.18	0.75	2.75e-002
	211	4.11e-004	-4.50e-002	-1.31e-003	0.22	0.90	7.65e-002
	279	4.11e-004	-4.51e-002	-3.77e-003	7.69e-003	0.77	8.99e-002
689	275	-2.83e-003	-4.67e-002	-4.99e-003	0.21	0.63	1.70e-002
	207	-2.83e-003	-4.47e-002	-2.90e-003	0.19	0.53	1.22e-002
	209	3.59e-004	-4.47e-002	-2.75e-003	0.26	0.92	1.19e-002
	277	3.59e-004	-4.67e-002	-4.84e-003	0.11	0.82	1.67e-002
690	183	-5.77e-004	-4.58e-002	5.77e-004	0.15	0.42	-0.11
	176	-5.77e-004	-4.53e-002	-9.69e-004	0.22	0.54	-8.62e-002
	207	-2.83e-003	-4.53e-002	-2.88e-003	0.33	0.65	2.40e-002
	275	-2.83e-003	-4.58e-002	-1.33e-003	0.13	0.66	2.77e-003
691	280	2.30e-003	-3.72e-002	1.08e-003	-1.13e-002	0.48	0.14
	279	2.30e-003	-4.48e-002	-3.25e-003	-5.49e-002	0.58	0.23
	281	1.46e-004	-4.48e-002	-2.29e-003	0.13	0.13	0.29
	200	1.46e-004	-3.72e-002	2.04e-003	-6.85e-002	6.30e-002	0.21
692	278	-2.55e-004	-4.35e-002	-1.96e-004	-2.45e-002	0.83	5.89e-002
	277	-2.55e-004	-4.51e-002	-3.41e-003	4.65e-002	0.84	3.50e-002
	279	2.30e-003	-4.51e-002	-3.92e-003	-2.33e-002	0.72	0.11
	280	2.30e-003	-4.35e-002	-7.06e-004	-1.14e-002	0.61	0.13
693	276	6.72e-004	-4.94e-002	-2.01e-004	4.90e-002	0.67	4.31e-002
	275	6.72e-004	-4.67e-002	-4.50e-003	6.59e-002	0.65	1.58e-002
	277	-2.55e-004	-4.67e-002	-3.56e-003	3.84e-002	0.80	2.08e-002
	278	-2.55e-004	-4.94e-002	7.36e-004	1.15e-002	0.77	4.82e-002
694	175	6.46e-004	-6.33e-002	-6.13e-003	0.10	5.90e-002	-9.46e-002
	183	6.46e-004	-4.58e-002	1.20e-004	0.11	0.36	-0.14
	275	6.72e-004	-4.58e-002	-8.35e-004	0.11	0.62	2.89e-003
	276	6.72e-004	-6.33e-002	-7.09e-003	-3.91e-003	0.68	5.01e-002
695	270	2.09e-003	-3.77e-002	2.28e-003	-1.05e-002	-6.42e-002	7.36e-002
	274	2.09e-003	-4.09e-002	-8.07e-004	-1.23e-002	-8.34e-002	8.10e-002
	195	9.78e-005	-4.09e-002	-1.31e-003	2.01e-003	-9.13e-002	7.86e-002
	271	9.78e-005	-3.77e-002	1.78e-003	-1.33e-002	-0.10	7.12e-002
696	269	-4.05e-004	-3.83e-002	3.08e-003	-2.86e-005	-7.02e-002	7.10e-002
	273	-4.05e-004	-4.41e-002	1.13e-003	-2.77e-004	-5.10e-002	6.36e-002
	274	2.09e-003	-4.41e-002	1.05e-003	-5.18e-003	-8.59e-002	7.36e-002
	270	2.09e-003	-3.83e-002	2.99e-003	-1.28e-002	-8.37e-002	8.11e-002
697	268	1.04e-003	-3.91e-002	4.59e-003	-2.06e-003	5.27e-003	4.97e-002
	272	1.04e-003	-5.14e-002	5.24e-004	-1.92e-002	2.88e-002	6.01e-002
	273	-4.05e-004	-5.14e-002	-5.09e-004	-4.37e-003	-2.90e-002	6.93e-002
	269	-4.05e-004	-3.91e-002	3.56e-003	7.84e-003	-2.09e-002	5.89e-002
698	181	-1.72e-003	-3.58e-002	-1.35e-003	-0.13	2.78e-003	-2.91e-002
	170	-1.72e-003	-6.85e-002	8.51e-003	-7.48e-002	0.17	3.62e-002
	272	1.04e-003	-6.85e-002	9.80e-003	-3.07e-002	9.11e-003	8.59e-002
	268	1.04e-003	-3.58e-002	-5.60e-005	-2.00e-002	9.13e-002	2.06e-002
699	267	5.37e-004	-3.53e-002	1.21e-003	-0.10	-0.28	5.25e-002
	270	5.37e-004	-3.77e-002	2.65e-003	5.23e-002	-7.47e-002	4.41e-002
	271	4.44e-004	-3.77e-002	2.10e-003	-7.79e-002	-0.10	5.71e-002
	194	4.44e-004	-3.53e-002	6.60e-004	8.97e-003	8.11e-002	6.54e-002
700	266	6.11e-004	-3.42e-002	1.72e-003	-7.81e-002	-0.29	4.22e-002
	269	6.11e-004	-3.83e-002	3.72e-003	5.92e-002	-0.10	4.43e-002

	270	5.37e-004	-3.83e-002	3.37e-003	-2.97e-002	-6.37e-002	5.76e-002
	267	5.37e-004	-3.42e-002	1.36e-003	1.95e-002	0.11	5.54e-002
701	265	-3.79e-003	-3.08e-002	2.92e-003	2.51e-002	-0.21	1.34e-002
	268	-3.79e-003	-3.91e-002	4.90e-003	3.49e-002	-1.57e-002	1.32e-002
	269	6.11e-004	-3.91e-002	4.21e-003	-5.26e-002	-5.19e-003	3.63e-002
	266	6.11e-004	-3.08e-002	2.22e-003	0.11	0.17	3.65e-002
702	169	-9.28e-004	-2.89e-002	-4.15e-004	-8.01e-002	-4.76e-002	-8.59e-002
	181	-9.28e-004	-3.58e-002	-2.83e-003	-0.10	-9.64e-003	-2.98e-002
	268	-3.79e-003	-3.58e-002	2.53e-004	-5.74e-002	7.92e-002	-4.08e-003
	265	-3.79e-003	-2.89e-002	2.67e-003	0.10	9.15e-002	-6.02e-002
703	263	-5.10e-005	-3.29e-002	1.55e-003	-2.99e-002	0.12	8.09e-002
	267	-5.10e-005	-3.53e-002	1.16e-003	-3.40e-002	0.14	8.64e-002
	194	-1.47e-004	-3.53e-002	1.04e-003	-4.51e-002	2.76e-002	6.88e-002
	264	-1.47e-004	-3.29e-002	1.44e-003	-8.08e-003	9.02e-002	6.32e-002
704	262	9.53e-005	-3.19e-002	1.81e-003	-2.24e-003	0.27	0.11
	266	9.53e-005	-3.42e-002	1.68e-003	-2.63e-002	0.29	0.10
	267	-5.10e-005	-3.42e-002	1.40e-003	-3.81e-002	0.11	8.96e-002
	263	-5.10e-005	-3.19e-002	1.54e-003	-1.66e-002	0.14	0.10
705	261	2.46e-004	-3.06e-002	1.37e-003	-0.10	0.53	-3.41e-003
	265	2.46e-004	-3.08e-002	1.34e-003	6.19e-002	0.77	-1.52e-003
	266	9.53e-005	-3.08e-002	1.66e-003	3.10e-003	0.26	0.10
	262	9.53e-005	-3.06e-002	1.69e-003	-3.26e-002	0.37	9.45e-002
706	193	2.67e-004	-2.99e-002	5.72e-004	-0.26	0.39	-0.27
	169	2.67e-004	-2.89e-002	1.84e-004	2.83e-002	0.76	-0.22
	265	2.46e-004	-2.89e-002	9.02e-004	2.16e-004	0.47	-4.97e-002
	261	2.46e-004	-2.99e-002	1.29e-003	-7.60e-002	0.61	-0.10
707	260	-1.90e-004	-3.11e-002	6.14e-004	-3.56e-002	0.15	8.37e-002
	263	-1.90e-004	-3.29e-002	1.17e-003	-2.39e-002	0.12	8.80e-002
	264	-2.09e-004	-3.29e-002	1.18e-003	-2.14e-002	0.10	7.16e-002
	202	-2.09e-004	-3.11e-002	6.28e-004	-2.98e-002	0.11	6.73e-002
708	259	1.27e-004	-3.05e-002	4.77e-004	-4.56e-002	0.26	8.87e-002
	262	1.27e-004	-3.19e-002	1.08e-003	-7.07e-002	0.26	0.10
	263	-1.90e-004	-3.19e-002	1.16e-003	-2.60e-002	0.16	0.10
	260	-1.90e-004	-3.05e-002	5.50e-004	-4.38e-002	0.17	8.56e-002
709	258	5.56e-004	-2.98e-002	4.11e-004	-0.11	0.38	-2.12e-002
	261	5.56e-004	-3.06e-002	9.20e-004	-0.14	0.46	1.12e-002
	262	1.27e-004	-3.06e-002	9.66e-004	-3.94e-002	0.37	0.10
	259	1.27e-004	-2.98e-002	4.56e-004	-0.11	0.33	6.44e-002
710	177	4.95e-004	-2.92e-002	4.68e-004	-0.13	0.29	-0.21
	193	4.95e-004	-2.99e-002	8.47e-004	-0.11	0.33	-0.22
	261	5.56e-004	-2.99e-002	8.42e-004	-0.11	0.54	-8.38e-002
	258	5.56e-004	-2.92e-002	4.63e-004	-0.15	0.41	-7.63e-002
711	256	-1.29e-004	-2.94e-002	2.41e-004	-5.64e-002	0.16	6.38e-002
	260	-1.29e-004	-3.11e-002	3.65e-004	-4.76e-002	0.15	7.69e-002
	202	-2.03e-004	-3.11e-002	3.88e-004	-3.14e-002	0.12	6.99e-002
	257	-2.03e-004	-2.94e-002	2.64e-004	-4.99e-002	0.12	5.69e-002
712	255	2.14e-004	-2.90e-002	1.27e-004	-8.17e-002	0.22	4.73e-002
	259	2.14e-004	-3.05e-002	2.20e-004	-0.10	0.24	7.17e-002
	260	-1.29e-004	-3.05e-002	3.01e-004	-4.86e-002	0.17	8.37e-002
	256	-1.29e-004	-2.90e-002	2.08e-004	-6.82e-002	0.18	5.93e-002
713	254	5.59e-004	-2.85e-002	1.53e-004	-0.11	0.28	-4.06e-002
	258	5.59e-004	-2.98e-002	2.36e-004	-0.14	0.35	-2.23e-002
	259	2.14e-004	-2.98e-002	1.99e-004	-8.23e-002	0.31	4.96e-002
	255	2.14e-004	-2.85e-002	1.16e-004	-0.12	0.27	3.12e-002
714	190	5.99e-004	-2.81e-002	1.83e-004	-8.29e-002	0.20	-0.15
	177	5.99e-004	-2.92e-002	2.98e-004	-7.15e-002	0.26	-0.19
	258	5.59e-004	-2.92e-002	2.88e-004	-0.13	0.35	-0.10
	254	5.59e-004	-2.81e-002	1.73e-004	-0.12	0.27	-6.17e-002
715	252	-4.27e-005	-2.79e-002	-2.57e-004	-7.33e-002	0.15	4.05e-002
	256	-4.27e-005	-2.94e-002	1.27e-005	-7.09e-002	0.15	5.66e-002

	257	-1.50e-004	-2.94e-002	3.13e-005	-4.98e-002	0.13	5.66e-002
	253	-1.50e-004	-2.79e-002	-2.38e-004	-6.65e-002	0.13	4.05e-002
716	251	2.20e-004	-2.75e-002	-3.15e-004	-0.10	0.19	1.99e-002
	255	2.20e-004	-2.90e-002	-5.63e-005	-0.11	0.22	3.91e-002
	256	-4.27e-005	-2.90e-002	-2.07e-005	-7.09e-002	0.17	5.51e-002
	252	-4.27e-005	-2.75e-002	-2.79e-004	-8.62e-002	0.17	3.60e-002
717	250	4.94e-004	-2.71e-002	-2.58e-004	-0.11	0.22	-3.21e-002
	254	4.94e-004	-2.85e-002	-2.86e-005	-0.12	0.25	-2.70e-002
	255	2.20e-004	-2.85e-002	-6.71e-005	-0.10	0.25	1.62e-002
	251	2.20e-004	-2.71e-002	-2.96e-004	-0.12	0.22	1.11e-002
718	189	6.27e-004	-2.68e-002	-1.99e-004	-7.73e-002	0.16	-7.56e-002
	190	6.27e-004	-2.81e-002	2.32e-005	-4.28e-002	0.18	-0.11
	254	4.94e-004	-2.81e-002	-8.70e-006	-0.11	0.24	-7.41e-002
	250	4.94e-004	-2.68e-002	-2.31e-004	-0.11	0.20	-3.71e-002
719	249	-7.35e-006	-2.63e-002	-4.94e-004	-8.53e-002	0.15	1.77e-002
	252	-7.35e-006	-2.79e-002	-4.41e-004	-8.56e-002	0.15	3.44e-002
	253	-8.51e-005	-2.79e-002	-4.32e-004	-6.57e-002	0.13	3.75e-002
	203	-8.51e-005	-2.63e-002	-4.85e-004	-7.62e-002	0.13	2.08e-002
720	248	1.99e-004	-2.60e-002	-4.93e-004	-0.11	0.17	-7.63e-005
	251	1.99e-004	-2.75e-002	-4.63e-004	-0.11	0.19	1.61e-002
	252	-7.35e-006	-2.75e-002	-4.63e-004	-8.63e-002	0.17	2.98e-002
	249	-7.35e-006	-2.60e-002	-4.93e-004	-0.10	0.16	1.36e-002
721	247	4.40e-004	-2.57e-002	-4.13e-004	-0.14	0.19	-2.58e-002
	250	4.40e-004	-2.71e-002	-3.99e-004	-0.12	0.20	-2.00e-002
	251	1.99e-004	-2.71e-002	-4.45e-004	-0.11	0.21	-4.07e-004
	248	1.99e-004	-2.57e-002	-4.59e-004	-0.12	0.19	-6.16e-003
722	178	6.42e-004	-2.54e-002	-3.06e-004	-0.13	0.16	-2.09e-002
	189	6.42e-004	-2.68e-002	-2.90e-004	-5.57e-002	0.15	-4.34e-002
	250	4.40e-004	-2.68e-002	-3.73e-004	-0.12	0.20	-4.53e-002
	247	4.40e-004	-2.54e-002	-3.89e-004	-0.13	0.19	-2.27e-002
723	245	1.56e-005	-2.50e-002	-1.01e-003	-8.87e-002	0.12	-1.51e-003
	249	1.56e-005	-2.63e-002	-6.18e-004	-9.30e-002	0.14	9.89e-003
	203	-4.66e-005	-2.63e-002	-6.23e-004	-7.72e-002	0.12	1.60e-002
	246	-4.66e-005	-2.50e-002	-1.01e-003	-8.24e-002	0.13	4.58e-003
724	244	1.25e-004	-2.46e-002	-9.98e-004	-0.13	0.15	-2.23e-002
	248	1.25e-004	-2.60e-002	-6.09e-004	-0.12	0.17	-6.21e-003
	249	1.56e-005	-2.60e-002	-6.16e-004	-0.10	0.15	6.10e-003
	245	1.56e-005	-2.46e-002	-1.01e-003	-0.10	0.15	-9.97e-003
725	243	3.15e-004	-2.42e-002	-8.18e-004	-0.17	0.18	-3.58e-002
	247	3.15e-004	-2.57e-002	-4.92e-004	-0.13	0.18	-2.29e-002
	248	1.25e-004	-2.57e-002	-5.75e-004	-0.13	0.19	-1.65e-002
	244	1.25e-004	-2.42e-002	-9.01e-004	-0.13	0.18	-2.94e-002
726	188	5.25e-004	-2.40e-002	-5.42e-004	-0.21	0.18	-7.72e-003
	178	5.25e-004	-2.54e-002	-3.53e-004	-0.11	0.16	-5.67e-003
	247	3.15e-004	-2.54e-002	-4.67e-004	-0.15	0.19	-3.06e-002
	243	3.15e-004	-2.40e-002	-6.56e-004	-0.16	0.21	-3.26e-002
727	242	5.41e-005	-2.35e-002	-6.95e-004	-8.80e-002	0.22	-2.37e-002
	245	5.41e-005	-2.50e-002	-1.22e-003	-0.11	0.12	6.84e-003
	246	-8.09e-005	-2.50e-002	-1.20e-003	-5.50e-002	0.13	1.30e-002
	199	-8.09e-005	-2.35e-002	-6.76e-004	-8.73e-002	1.63e-002	-1.76e-002
728	241	7.94e-005	-2.33e-002	-7.16e-004	-0.12	0.23	-3.28e-002
	244	7.94e-005	-2.46e-002	-1.17e-003	-0.15	0.15	-1.65e-002
	245	5.41e-005	-2.46e-002	-1.22e-003	-9.03e-002	0.14	-6.41e-003
	242	5.41e-005	-2.33e-002	-7.64e-004	-0.13	5.69e-002	-2.27e-002
729	240	1.99e-004	-2.29e-002	-6.51e-004	-0.17	0.25	-5.40e-002
	243	1.99e-004	-2.42e-002	-1.01e-003	-0.17	0.18	-3.63e-002
	244	7.94e-005	-2.42e-002	-1.07e-003	-0.12	0.17	-2.31e-002
	241	7.94e-005	-2.29e-002	-7.09e-004	-0.17	8.61e-002	-4.09e-002
730	174	3.57e-004	-2.22e-002	-2.91e-004	-0.25	0.24	-3.35e-002
	188	3.57e-004	-2.40e-002	-5.87e-004	-0.19	0.19	-9.78e-003

	243	1.99e-004	-2.40e-002	-8.51e-004	-0.18	0.21	-3.19e-002
	240	1.99e-004	-2.22e-002	-5.55e-004	-0.19	0.18	-5.57e-002
731	237	1.28e-006	-2.77e-002	-1.49e-003	-5.61e-002	4.09e-002	-4.82e-002
	242	1.28e-006	-2.35e-002	-8.57e-004	-8.54e-002	2.76e-004	-3.81e-002
	199	1.22e-005	-2.35e-002	-8.60e-004	-8.06e-002	0.12	-2.81e-002
	239	1.22e-005	-2.77e-002	-1.49e-003	-4.84e-002	4.98e-002	-3.82e-002
732	235	2.15e-005	-2.82e-002	-1.44e-003	-6.57e-002	3.07e-002	-7.16e-002
	241	2.15e-005	-2.33e-002	-8.62e-004	-0.13	-1.79e-002	-5.49e-002
	242	1.28e-006	-2.33e-002	-8.95e-004	-8.53e-002	0.12	-3.90e-002
	237	1.28e-006	-2.82e-002	-1.48e-003	-7.78e-002	3.78e-002	-5.58e-002
733	233	4.16e-005	-2.88e-002	-1.39e-003	-9.07e-002	3.40e-002	-9.39e-002
	240	4.16e-005	-2.29e-002	-8.21e-004	-0.17	-1.61e-002	-7.41e-002
	241	2.15e-005	-2.29e-002	-8.53e-004	-0.13	0.12	-5.72e-002
	235	2.15e-005	-2.88e-002	-1.42e-003	-8.95e-002	3.03e-002	-7.70e-002
734	187	-9.52e-004	-2.92e-002	-1.44e-003	-0.15	5.61e-002	-0.11
	174	-9.52e-004	-2.22e-002	-6.17e-004	-0.23	1.69e-002	-7.04e-002
	240	4.16e-005	-2.22e-002	-6.81e-004	-0.18	0.11	-6.16e-002
	233	4.16e-005	-2.92e-002	-1.50e-003	-0.11	4.83e-002	-0.10
735	238	-6.80e-005	-3.20e-002	-4.48e-005	-2.75e-003	1.79e-002	-6.77e-002
	237	-6.80e-005	-2.77e-002	-1.16e-003	-4.48e-002	3.85e-002	-6.18e-002
	239	2.14e-005	-2.77e-002	-1.21e-003	-3.47e-002	3.14e-002	-5.32e-002
	198	2.14e-005	-3.20e-002	-8.65e-005	-5.47e-003	2.42e-002	-5.91e-002
736	236	2.31e-005	-3.32e-002	9.45e-006	-1.07e-002	4.32e-003	-9.27e-002
	235	2.31e-005	-2.82e-002	-1.17e-003	-5.02e-002	3.54e-002	-8.76e-002
	237	-6.80e-005	-2.82e-002	-1.16e-003	-4.27e-002	2.48e-002	-6.79e-002
	238	-6.80e-005	-3.32e-002	2.37e-005	-8.73e-003	1.37e-002	-7.29e-002
737	234	-9.53e-005	-3.45e-002	2.61e-005	-1.07e-002	1.05e-002	-0.12
	233	-9.53e-005	-2.88e-002	-1.10e-003	-6.61e-002	4.23e-002	-0.11
	235	2.31e-005	-2.88e-002	-1.15e-003	-5.42e-002	1.66e-002	-9.07e-002
	236	2.31e-005	-3.45e-002	-2.35e-005	-9.67e-003	3.25e-003	-0.10
738	173	2.27e-005	-3.60e-002	-3.71e-005	-5.55e-002	8.65e-002	-0.13
	187	2.27e-005	-2.92e-002	-1.34e-003	-4.24e-002	8.61e-002	-0.12
	233	-9.53e-005	-2.92e-002	-1.21e-003	-7.27e-002	2.48e-002	-0.12
	234	-9.53e-005	-3.60e-002	9.28e-005	-3.52e-003	2.64e-002	-0.13
739	228	8.66e-005	-3.16e-002	1.18e-003	-7.80e-002	0.53	-0.27
	232	8.66e-005	-2.61e-002	-2.21e-005	5.28e-003	0.48	-0.19
	197	-2.45e-004	-2.61e-002	4.61e-005	-5.58e-002	0.20	-0.22
	229	-2.45e-004	-3.16e-002	1.25e-003	7.74e-002	0.25	-0.29
740	227	1.19e-004	-3.21e-002	6.80e-004	-4.76e-002	0.80	-7.79e-002
	231	1.19e-004	-2.70e-002	-8.08e-005	-4.03e-002	0.70	-6.88e-002
	232	8.66e-005	-2.70e-002	8.95e-005	-2.16e-002	0.56	-0.17
	228	8.66e-005	-3.21e-002	8.51e-004	-4.92e-002	0.69	-0.18
741	226	-1.24e-005	-3.29e-002	5.65e-004	-4.85e-003	0.65	3.14e-002
	230	-1.24e-005	-2.75e-002	-9.14e-006	-1.96e-002	0.59	2.67e-003
	231	1.19e-004	-2.75e-002	-8.06e-005	-2.15e-002	0.69	-5.56e-002
	227	1.19e-004	-3.29e-002	4.93e-004	-5.67e-002	0.76	-2.69e-002
742	186	9.50e-006	-3.44e-002	2.03e-004	-4.50e-003	0.32	0.13
	172	9.50e-006	-2.74e-002	-3.26e-004	6.02e-002	0.21	8.16e-002
	230	-1.24e-005	-2.74e-002	2.70e-005	-2.77e-002	0.52	5.60e-003
	226	-1.24e-005	-3.44e-002	5.57e-004	-5.38e-003	0.57	5.30e-002
743	225	-3.71e-005	-3.56e-002	6.46e-004	0.23	0.97	-0.23
	228	-3.71e-005	-3.16e-002	1.46e-003	-0.15	0.66	-0.22
	229	1.15e-004	-3.16e-002	1.16e-003	-5.75e-002	0.25	-0.38
	196	1.15e-004	-3.56e-002	3.48e-004	0.15	0.44	-0.39
744	224	5.55e-005	-3.53e-002	1.44e-003	0.24	0.94	-2.88e-002
	227	5.55e-005	-3.21e-002	1.40e-003	-6.99e-002	0.88	-5.17e-002
	228	-3.71e-005	-3.21e-002	1.12e-003	-0.15	0.74	-0.18
	225	-3.71e-005	-3.53e-002	1.17e-003	0.27	0.94	-0.15
745	223	3.36e-005	-3.84e-002	1.73e-003	0.17	0.62	2.82e-002
	226	3.36e-005	-3.29e-002	1.18e-003	4.96e-002	0.66	4.87e-003

	227	5.55e-005	-3.29e-002	1.21e-003	-1.32e-002	0.79	-2.21e-003
	224	5.55e-005	-3.84e-002	1.76e-003	0.19	0.85	2.11e-002
746	171	-3.54e-004	-4.04e-002	1.81e-003	0.17	0.50	0.14
	186	-3.54e-004	-3.44e-002	1.21e-003	5.07e-002	0.36	0.12
	226	3.36e-005	-3.44e-002	1.18e-003	6.49e-003	0.61	3.29e-002
	223	3.36e-005	-4.04e-002	1.77e-003	0.19	0.66	4.87e-002
747	220	-3.97e-003	-5.19e-002	2.20e-003	5.32e-002	-0.10	-0.10
	225	-3.97e-003	-3.56e-002	1.08e-003	0.28	-6.69e-003	-0.23
	196	1.52e-004	-3.56e-002	-1.47e-003	-1.83e-002	-0.25	-0.23
	222	1.52e-004	-5.19e-002	-3.47e-004	0.11	-0.16	-0.10
748	218	-4.29e-006	-5.72e-002	4.91e-003	7.99e-002	-6.11e-002	-0.10
	224	-4.29e-006	-3.53e-002	1.48e-003	0.33	0.12	-0.10
	225	-3.97e-003	-3.53e-002	1.58e-003	0.26	-0.27	-0.13
	220	-3.97e-003	-5.72e-002	5.01e-003	0.14	-5.00e-002	-0.13
749	216	1.09e-004	-5.59e-002	4.38e-003	6.19e-002	-0.13	-1.96e-002
	223	1.09e-004	-3.84e-002	2.04e-003	0.27	0.14	-1.35e-003
	224	-4.29e-006	-3.84e-002	1.81e-003	0.18	-0.43	-6.28e-002
	218	-4.29e-006	-5.59e-002	4.15e-003	0.21	-7.47e-002	-8.10e-002
750	185	-2.05e-003	-5.40e-002	3.22e-003	5.17e-003	-0.13	4.54e-002
	171	-2.05e-003	-4.04e-002	1.01e-003	0.29	0.15	5.30e-002
	223	1.09e-004	-4.04e-002	1.91e-003	0.14	-0.46	6.48e-003
	216	1.09e-004	-5.40e-002	4.12e-003	0.17	-0.11	-1.03e-003
751	221	-1.61e-003	-0.11	1.01e-002	9.22e-003	-6.48e-002	-0.11
	220	-1.61e-003	-5.19e-002	3.48e-003	0.10	-0.16	-7.77e-002
	222	1.46e-003	-5.19e-002	2.31e-003	9.23e-002	-0.12	-4.63e-002
	205	1.46e-003	-0.11	8.96e-003	7.55e-002	-0.28	-7.48e-002
752	219	-3.89e-004	-7.99e-002	-1.29e-003	1.64e-002	4.64e-003	-5.14e-002
	218	-3.89e-004	-5.72e-002	3.70e-003	0.10	-7.38e-002	-5.29e-002
	220	-1.61e-003	-5.72e-002	6.28e-003	0.10	-3.46e-002	-8.75e-002
	221	-1.61e-003	-7.99e-002	1.29e-003	1.48e-002	-6.59e-002	-8.60e-002
753	217	-1.54e-004	-7.24e-002	9.47e-005	2.87e-002	-6.63e-002	1.84e-002
	216	-1.54e-004	-5.59e-002	3.94e-003	7.70e-002	-0.14	2.16e-002
	218	-3.89e-004	-5.59e-002	2.94e-003	0.11	-3.69e-002	-3.09e-002
	219	-3.89e-004	-7.24e-002	-8.98e-004	8.30e-003	-3.57e-002	-3.41e-002
754	180	6.51e-004	-6.63e-002	-5.36e-004	3.48e-002	-0.17	4.65e-002
	185	6.51e-004	-5.40e-002	2.68e-003	2.60e-002	-0.16	5.89e-002
	216	-1.54e-004	-5.40e-002	3.68e-003	0.10	-7.09e-002	4.81e-002
	217	-1.54e-004	-6.63e-002	4.56e-004	-7.55e-004	-4.54e-002	3.56e-002
755	210	-1.66e-003	-5.86e-002	-3.19e-003	9.22e-002	-0.25	5.60e-003
	215	-1.66e-003	-0.11	-9.25e-003	6.62e-003	-0.15	5.17e-002
	204	2.42e-003	-0.11	-8.40e-003	4.89e-002	-0.45	1.58e-002
	212	2.42e-003	-5.86e-002	-2.33e-003	0.14	-0.28	-3.03e-002
756	208	-2.95e-004	-6.33e-002	-3.26e-003	7.22e-002	3.51e-002	-1.55e-003
	214	-2.95e-004	-8.30e-002	1.29e-003	2.13e-002	8.19e-002	-1.03e-003
	215	-1.66e-003	-8.30e-002	-1.14e-003	1.89e-002	-0.12	2.56e-002
	210	-1.66e-003	-6.33e-002	-5.70e-003	7.61e-002	-0.11	2.51e-002
757	206	-1.54e-005	-6.15e-002	-3.72e-003	2.98e-002	0.19	-2.78e-002
	213	-1.54e-005	-7.69e-002	-8.70e-005	2.22e-002	0.19	-1.71e-002
	214	-2.95e-004	-7.69e-002	9.76e-004	1.89e-003	0.15	-8.95e-003
	208	-2.95e-004	-6.15e-002	-2.65e-003	8.14e-002	0.14	-1.96e-002
758	184	8.16e-004	-5.94e-002	-2.86e-003	1.83e-002	-1.55e-002	3.40e-002
	179	8.16e-004	-7.10e-002	4.58e-004	2.09e-002	-3.22e-002	3.62e-002
	213	-1.54e-005	-7.10e-002	-4.01e-004	-9.50e-003	0.22	-5.05e-003
	206	-1.54e-005	-5.94e-002	-3.72e-003	5.52e-002	0.26	-7.29e-003
759	211	-3.66e-003	-4.72e-002	-1.05e-003	0.19	-0.23	0.12
	210	-3.66e-003	-5.86e-002	-2.09e-003	6.61e-002	-0.19	7.11e-003
	212	3.50e-004	-5.86e-002	2.35e-004	7.34e-002	-0.32	2.01e-002
	201	3.50e-004	-4.72e-002	1.28e-003	-3.53e-002	-0.30	0.13
760	209	9.56e-005	-4.50e-002	-1.94e-003	0.21	4.54e-002	1.55e-002
	208	9.56e-005	-6.33e-002	-4.81e-003	0.12	3.49e-002	1.02e-002

	210	-3.66e-003	-6.33e-002	-4.60e-003	0.10	-0.12	3.43e-002
	211	-3.66e-003	-4.50e-002	-1.74e-003	0.22	-0.16	3.97e-002
761	207	5.45e-005	-4.47e-002	-2.46e-003	0.30	0.44	1.07e-002
	206	5.45e-005	-6.15e-002	-4.39e-003	5.43e-002	0.23	3.93e-003
	208	9.56e-005	-6.15e-002	-4.20e-003	0.14	0.11	-4.91e-003
	209	9.56e-005	-4.47e-002	-2.27e-003	0.19	-9.03e-002	1.84e-003
762	176	-2.21e-003	-4.53e-002	-5.84e-004	0.35	0.42	6.55e-002
	184	-2.21e-003	-5.94e-002	-3.00e-003	-6.28e-002	3.95e-002	8.23e-002
	206	5.45e-005	-5.94e-002	-4.39e-003	0.13	0.26	3.30e-002
	207	5.45e-005	-4.53e-002	-1.98e-003	0.21	-5.57e-002	1.62e-002
763	149	4.35e-004	-2.97e-002	6.74e-004	-0.26	-0.13	-0.29
	38	4.35e-004	-3.17e-002	2.02e-004	-0.32	8.27e-002	-0.21
	169	2.67e-004	-3.17e-002	-4.29e-005	-0.28	-3.00e-002	-0.24
	193	2.67e-004	-2.97e-002	4.29e-004	-3.84e-002	0.21	-0.32
764	54	2.85e-004	-2.87e-002	2.25e-004	-2.31e-002	-5.67e-002	-0.26
	149	2.85e-004	-2.97e-002	5.56e-004	-0.14	-0.11	-0.27
	193	4.95e-004	-2.97e-002	7.04e-004	-0.15	0.21	-0.26
	177	4.95e-004	-2.87e-002	3.73e-004	-4.82e-002	0.15	-0.25
765	157	6.57e-004	-2.76e-002	6.66e-005	6.86e-002	-3.44e-003	-0.17
	54	6.57e-004	-2.87e-002	1.72e-004	3.77e-002	-2.37e-002	-0.23
	177	5.99e-004	-2.87e-002	2.03e-004	-8.42e-002	0.12	-0.23
	190	5.99e-004	-2.76e-002	9.74e-005	-7.50e-003	0.10	-0.16
766	162	8.44e-004	-2.65e-002	-2.29e-004	6.54e-002	3.45e-002	-4.89e-002
	157	8.44e-004	-2.76e-002	-1.39e-004	0.10	9.95e-003	-0.12
	190	6.27e-004	-2.76e-002	-6.26e-005	-3.39e-002	8.95e-002	-0.14
	189	6.27e-004	-2.65e-002	-1.53e-004	-1.68e-002	8.70e-002	-6.50e-002
767	55	8.83e-004	-2.53e-002	-3.66e-004	-4.20e-002	7.70e-002	4.69e-002
	162	8.83e-004	-2.65e-002	-3.67e-004	5.65e-002	4.08e-002	-5.19e-003
	189	6.42e-004	-2.65e-002	-2.44e-004	-5.34e-002	0.10	-5.12e-002
	178	6.42e-004	-2.53e-002	-2.43e-004	-8.53e-002	0.12	9.71e-004
768	28	6.48e-004	-2.40e-002	-3.27e-004	-0.22	0.13	7.93e-002
	55	6.48e-004	-2.53e-002	-2.80e-004	-7.99e-002	8.04e-002	7.48e-002
	178	5.25e-004	-2.53e-002	-2.90e-004	-0.13	0.15	6.67e-003
	188	5.25e-004	-2.40e-002	-3.37e-004	-0.18	0.18	1.12e-002
769	47	5.58e-004	-2.23e-002	1.68e-004	-0.34	0.23	3.79e-002
	28	5.58e-004	-2.40e-002	-5.89e-005	-0.26	0.15	7.39e-002
	188	3.57e-004	-2.40e-002	-3.81e-004	-0.22	0.20	1.22e-002
	174	3.57e-004	-2.23e-002	-1.54e-004	-0.27	0.19	-2.37e-002
770	141	-6.04e-004	-2.76e-002	9.04e-004	-0.13	2.89e-002	-6.00e-002
	47	-6.04e-004	-2.23e-002	2.64e-004	-0.35	5.67e-002	-2.59e-002
	174	-9.52e-004	-2.23e-002	-6.12e-004	-0.27	7.47e-002	-4.31e-002
	187	-9.52e-004	-2.76e-002	2.73e-005	-0.15	0.14	-7.72e-002
771	46	-1.76e-003	-4.19e-002	-3.78e-003	0.13	0.59	7.03e-002
	141	-1.76e-003	-2.76e-002	-6.51e-004	-0.17	0.12	5.81e-002
	187	2.27e-005	-2.76e-002	1.24e-004	-7.55e-002	0.15	-0.10
	173	2.27e-005	-4.19e-002	-3.01e-003	1.19e-002	1.80e-004	-9.24e-002
772	130	-1.57e-003	-3.49e-002	1.20e-003	0.34	-0.27	0.48
	45	-1.57e-003	-2.81e-002	1.49e-003	0.11	-0.83	0.29
	172	9.50e-006	-2.81e-002	2.36e-004	1.70e-002	0.15	6.14e-002
	186	9.50e-006	-3.49e-002	-6.37e-005	4.31e-002	4.22e-002	0.25
773	44	-6.02e-004	-4.43e-002	1.63e-003	-2.73e-002	-1.20e-002	0.37
	130	-6.02e-004	-3.49e-002	7.90e-004	4.35e-002	-0.24	0.43
	186	-3.54e-004	-3.49e-002	9.46e-004	-2.72e-002	0.21	0.22
	171	-3.54e-004	-4.43e-002	1.79e-003	0.17	0.38	0.16
774	122	2.23e-003	-4.91e-002	7.03e-003	-0.13	-0.31	2.67e-002
	44	2.23e-003	-4.43e-002	3.26e-003	-3.62e-002	-2.34e-002	0.13
	171	-2.05e-003	-4.43e-002	1.24e-003	0.10	-0.49	0.12
	185	-2.05e-003	-4.91e-002	5.02e-003	8.23e-002	-0.19	1.51e-002
775	57	4.65e-003	-6.77e-002	-5.38e-003	8.31e-003	-0.53	-3.58e-002
	122	4.65e-003	-4.91e-002	4.94e-003	3.03e-003	-0.35	-1.99e-002

	185	6.51e-004	-4.91e-002	4.48e-003	4.21e-002	-0.17	6.00e-002
	180	6.51e-004	-6.77e-002	-5.84e-003	2.14e-002	-8.78e-002	4.41e-002
776	101	3.99e-003	-5.40e-002	-5.00e-003	3.19e-002	-0.63	0.11
	56	3.99e-003	-7.31e-002	6.40e-003	-2.58e-002	-0.79	0.13
	179	8.16e-004	-7.31e-002	6.54e-003	4.20e-002	-0.11	5.69e-002
	184	8.16e-004	-5.40e-002	-4.86e-003	2.58e-002	-0.18	3.80e-002
777	49	2.12e-003	-5.10e-002	-3.84e-003	-0.11	-0.18	-4.63e-002
	101	2.12e-003	-5.40e-002	-7.77e-003	-0.18	-0.59	8.87e-002
	184	-2.21e-003	-5.40e-002	-5.00e-003	0.14	-0.20	0.12
	176	-2.21e-003	-5.10e-002	-1.08e-003	1.59e-002	-0.66	-1.15e-002
778	85	2.28e-003	-4.65e-002	-1.63e-003	-0.18	-0.17	-0.39
	49	2.28e-003	-5.10e-002	-4.04e-003	-0.16	-7.69e-002	-0.25
	176	-5.77e-004	-5.10e-002	-1.23e-003	0.15	0.38	-0.12
	183	-5.77e-004	-4.65e-002	1.19e-003	0.12	0.35	-0.25
779	48	-4.54e-004	-2.83e-002	-1.15e-002	0.10	-0.19	-0.44
	85	-4.54e-004	-4.65e-002	-2.51e-003	1.76e-002	-0.20	-0.42
	183	6.46e-004	-4.65e-002	7.31e-004	0.11	0.27	-0.24
	175	6.46e-004	-2.83e-002	-8.25e-003	6.59e-002	-7.49e-003	-0.26
780	93	-2.52e-003	-3.72e-003	-6.23e-005	0.22	-0.23	-0.31
	48	-2.52e-003	-2.83e-002	-8.81e-003	0.24	-0.19	-0.38
	175	2.11e-002	-2.83e-002	-1.21e-002	0.20	-8.58e-002	-0.39
	182	2.11e-002	-3.72e-003	-3.34e-003	0.10	-3.40e-002	-0.31
781	39	-1.30e-003	-2.67e-002	1.00e-002	7.54e-002	-0.14	-8.18e-002
	93	-1.30e-003	-3.72e-003	3.37e-003	0.22	-0.20	-0.24
	182	1.41e-002	-3.72e-003	7.31e-003	7.03e-002	-5.52e-002	-0.30
	170	1.41e-002	-2.67e-002	1.40e-002	-0.13	2.08e-003	-0.15
782	77	7.41e-004	-3.43e-002	4.22e-004	-0.21	-0.15	-4.47e-002
	39	7.41e-004	-2.67e-002	1.11e-002	3.89e-002	-0.19	-6.75e-002
	170	-1.72e-003	-2.67e-002	8.33e-003	-0.11	4.71e-002	-6.31e-002
	181	-1.72e-003	-3.43e-002	-2.36e-003	-0.12	-7.02e-003	-4.03e-002
783	38	3.04e-003	-3.17e-002	1.59e-003	-0.42	-8.94e-002	-0.12
	77	3.04e-003	-3.43e-002	-1.64e-003	-0.21	-0.15	-5.85e-002
	181	-9.28e-004	-3.43e-002	-3.84e-003	-0.15	-1.70e-002	-5.80e-002
	169	-9.28e-004	-3.17e-002	-6.14e-004	-0.18	-8.18e-002	-0.12
784	17	1.29e-003	-2.44e-002	-6.79e-004	0.35	4.17e-003	0.15
	144	1.29e-003	-2.37e-002	-5.93e-004	0.63	-4.14e-003	6.92e-002
	47	5.58e-004	-2.37e-002	-3.38e-004	0.43	-0.17	3.36e-002
	28	5.58e-004	-2.44e-002	-4.24e-004	0.27	-0.13	0.12
785	165	1.19e-003	-2.55e-002	-7.76e-005	2.54e-002	-3.52e-002	0.14
	17	1.19e-003	-2.44e-002	-6.32e-004	0.17	-3.01e-002	0.16
	28	6.48e-004	-2.44e-002	-1.56e-004	0.22	-0.10	0.12
	55	6.48e-004	-2.55e-002	3.98e-004	4.79e-002	-3.85e-002	0.10
786	161	1.73e-003	-2.65e-002	-8.27e-005	-0.18	-6.57e-002	3.52e-002
	165	1.73e-003	-2.55e-002	-8.05e-005	-0.14	-5.85e-002	0.11
	55	8.83e-004	-2.55e-002	4.83e-004	5.21e-003	-6.80e-003	8.00e-002
	162	8.83e-004	-2.65e-002	4.81e-004	-0.11	3.84e-002	6.73e-003
787	156	1.55e-003	-2.74e-002	2.44e-004	-0.26	-3.61e-002	-6.55e-002
	161	1.55e-003	-2.65e-002	4.27e-004	-0.25	-6.41e-002	1.43e-002
	162	8.44e-004	-2.65e-002	3.44e-004	-0.13	5.45e-002	-2.72e-002
	157	8.44e-004	-2.74e-002	1.61e-004	-0.14	8.19e-002	-0.11
788	152	1.63e-003	-2.83e-002	5.76e-004	-0.18	5.44e-002	-0.15
	156	1.63e-003	-2.74e-002	6.61e-004	-0.23	-8.26e-003	-8.33e-002
	157	6.57e-004	-2.74e-002	-4.44e-005	-0.15	9.39e-002	-0.14
	54	6.57e-004	-2.83e-002	-1.30e-004	-5.36e-002	0.11	-0.21
789	148	1.12e-003	-2.93e-002	4.25e-004	0.14	0.15	-0.19
	152	1.12e-003	-2.83e-002	2.97e-004	-4.61e-002	0.11	-0.18
	54	2.85e-004	-2.83e-002	-1.83e-004	-2.23e-002	0.11	-0.23
	149	2.85e-004	-2.93e-002	-5.48e-005	0.14	0.12	-0.24
790	76	1.25e-003	-3.15e-002	-5.33e-004	0.66	7.34e-002	-0.11
	148	1.25e-003	-2.93e-002	-2.15e-004	0.33	0.19	-0.19

	149	4.35e-004	-2.93e-002	-1.73e-004	0.19	0.15	-0.25
	38	4.35e-004	-3.15e-002	-4.91e-004	0.54	0.34	-0.17
791	140	6.13e-004	-2.68e-002	2.02e-003	-5.64e-002	-0.13	-8.31e-002
	144	6.13e-004	-2.37e-002	9.46e-004	-0.56	2.89e-002	-4.07e-002
	47	-6.04e-004	-2.37e-002	5.62e-004	-0.38	-1.61e-002	1.74e-002
	141	-6.04e-004	-2.68e-002	1.64e-003	-0.15	3.84e-002	-2.50e-002
792	133	-5.65e-004	-2.53e-002	-2.15e-003	0.46	-0.16	0.16
	140	-5.65e-004	-2.68e-002	1.16e-003	0.13	-4.03e-002	-4.25e-002
	141	-1.76e-003	-2.68e-002	8.00e-005	2.75e-002	-5.35e-002	2.91e-002
	46	-1.76e-003	-2.50e-002	-3.13e-003	8.13e-002	-0.17	0.28
793	129	-1.44e-003	-3.47e-002	1.85e-004	0.29	-0.45	0.35
	133	-1.44e-003	-2.42e-002	5.36e-005	0.47	-0.24	0.25
	45	-1.57e-003	-2.38e-002	1.09e-003	0.37	-0.36	0.39
	130	-1.57e-003	-3.47e-002	1.24e-003	0.16	-0.44	0.50
794	125	-1.94e-004	-4.90e-002	-1.04e-003	-0.63	-0.62	0.28
	129	-1.94e-004	-3.47e-002	-7.21e-004	0.17	-0.64	0.44
	130	-6.02e-004	-3.47e-002	8.31e-004	0.15	-0.41	0.47
	44	-6.02e-004	-4.90e-002	5.12e-004	-0.28	-0.50	0.32
795	121	5.58e-003	-4.35e-002	-2.33e-003	-0.29	-0.43	1.13e-003
	125	5.58e-003	-4.90e-002	-3.46e-003	-0.79	-0.49	0.20
	44	2.23e-003	-4.90e-002	2.67e-003	-0.30	-0.25	0.15
	122	2.23e-003	-4.35e-002	3.80e-003	-0.13	-0.26	-4.15e-002
796	117	3.85e-003	-2.73e-002	-1.47e-002	8.01e-002	-0.30	-8.22e-002
	121	3.85e-003	-4.35e-002	-4.97e-003	-0.16	-0.35	-5.86e-002
	122	4.65e-003	-4.35e-002	1.71e-003	-0.10	-0.29	-6.28e-002
	57	4.65e-003	-2.73e-002	-8.01e-003	0.10	-0.34	-8.64e-002
797	113	5.74e-003	-4.61e-003	-5.05e-003	0.32	-0.30	-2.69e-002
	117	5.74e-003	-2.73e-002	-1.39e-002	0.24	-0.27	-6.15e-002
	57	3.38e-002	-2.73e-002	-1.20e-002	0.20	-0.32	-0.16
	114	3.38e-002	-4.61e-003	-3.17e-003	0.25	-0.16	-0.12
798	108	1.19e-003	-4.81e-003	2.86e-004	0.37	-0.31	3.13e-002
	113	1.19e-003	-4.61e-003	4.13e-004	0.38	-0.28	-4.35e-002
	114	4.11e-002	-4.61e-003	2.17e-005	0.26	-0.15	-1.61e-002
	109	4.11e-002	-4.81e-003	-1.05e-004	0.26	-0.15	5.87e-002
799	104	5.78e-003	-2.95e-002	1.46e-002	0.23	-0.33	5.47e-002
	108	5.78e-003	-4.81e-003	5.38e-003	0.33	-0.35	1.38e-002
	109	3.28e-002	-4.81e-003	3.93e-003	0.25	-0.20	0.19
	56	3.28e-002	-2.95e-002	1.32e-002	0.19	-0.44	0.23
800	100	3.88e-003	-4.71e-002	4.41e-003	-0.18	-0.46	5.35e-002
	104	3.88e-003	-2.95e-002	1.51e-002	0.10	-0.39	7.87e-002
	56	3.99e-003	-2.95e-002	8.78e-003	0.12	-0.49	0.15
	101	3.99e-003	-4.71e-002	-1.90e-003	-0.11	-0.50	0.12
801	88	5.64e-003	-5.38e-002	2.11e-003	-0.84	-0.40	-0.15
	100	5.64e-003	-4.71e-002	1.20e-003	-0.35	-0.53	3.45e-002
	101	2.12e-003	-4.71e-002	-4.66e-003	-0.10	-0.52	0.10
	49	2.12e-003	-5.38e-002	-3.75e-003	-0.49	-0.73	-7.91e-002
802	84	2.13e-004	-4.29e-002	-1.62e-003	-0.39	-0.80	-0.36
	88	2.13e-004	-5.38e-002	-1.10e-003	-0.85	-0.81	-0.22
	49	2.28e-003	-5.38e-002	-3.77e-003	-0.52	-0.43	-0.27
	85	2.28e-003	-4.29e-002	-4.28e-003	-8.22e-002	-0.40	-0.41
803	96	-2.50e-003	-2.71e-002	-4.18e-003	0.27	-0.54	-0.32
	84	-2.50e-003	-4.29e-002	-2.32e-003	-9.18e-002	-0.70	-0.35
	85	-4.54e-004	-4.29e-002	-5.17e-003	-0.13	-0.40	-0.44
	48	-4.54e-004	-2.71e-002	-7.03e-003	0.23	-0.42	-0.41
804	92	-3.23e-003	-1.84e-002	-3.72e-004	0.43	-0.27	-0.15
	96	-3.23e-003	-2.71e-002	-4.03e-003	0.41	-0.42	-0.28
	48	-2.52e-003	-2.71e-002	-4.35e-003	0.21	-0.42	-0.40
	93	-2.52e-003	-1.84e-002	-6.90e-004	0.33	-0.35	-0.27
805	80	-2.66e-003	-2.21e-002	3.92e-003	0.28	-0.17	-1.89e-002
	92	-2.66e-003	-1.84e-002	1.22e-003	0.39	-0.24	-0.13

	93	-1.30e-003	-1.84e-002	2.74e-003	0.27	-0.32	-0.20
	39	-1.30e-003	-2.21e-002	5.44e-003	0.14	-0.26	-9.07e-002
806	75	-1.54e-003	-2.87e-002	1.70e-003	-0.19	-0.20	3.56e-002
	80	-1.54e-003	-2.21e-002	4.28e-003	0.12	-0.20	6.55e-003
	39	7.41e-004	-2.21e-002	6.54e-003	2.62e-002	-0.21	-5.69e-002
	77	7.41e-004	-2.87e-002	3.96e-003	-0.17	-0.12	-2.78e-002
807	76	7.67e-004	-3.15e-002	1.47e-003	-0.73	-0.21	-4.16e-002
	75	7.67e-004	-2.87e-002	1.55e-003	-0.37	-0.22	2.30e-002
	77	3.04e-003	-2.87e-002	1.90e-003	-0.31	-9.39e-002	-3.49e-002
	38	3.04e-003	-3.15e-002	1.82e-003	-0.49	-4.84e-002	-0.10

SFORZI "Pensilina" (Fase 1)

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
206	230	0.12	0.00	0.00	0.00	0.00	0.00
	234	-0.12	0.00	0.00	0.00	0.00	0.00
207	232	7.20e-002	0.00	0.00	0.00	0.00	0.00
	238	-7.20e-002	0.00	0.00	0.00	0.00	0.00
208	319	-7.81e-002	0.00	0.00	0.00	0.00	0.00
	322	7.81e-002	0.00	0.00	0.00	0.00	0.00
209	285	-0.30	0.00	0.00	0.00	0.00	0.00
	286	0.30	0.00	0.00	0.00	0.00	0.00
210	456	-0.35	0.00	0.00	0.00	0.00	0.00
	470	0.35	0.00	0.00	0.00	0.00	0.00
211	458	-0.26	0.00	0.00	0.00	0.00	0.00
	474	0.26	0.00	0.00	0.00	0.00	0.00
212	460	-6.40e-002	0.00	0.00	0.00	0.00	0.00
	478	6.40e-002	0.00	0.00	0.00	0.00	0.00
213	462	0.19	0.00	0.00	0.00	0.00	0.00
	482	-0.19	0.00	0.00	0.00	0.00	0.00
214	464	0.39	0.00	0.00	0.00	0.00	0.00
	486	-0.39	0.00	0.00	0.00	0.00	0.00
215	12	-0.29	0.00	0.00	0.00	0.00	0.00
	16	0.29	0.00	0.00	0.00	0.00	0.00
216	466	0.24	0.00	0.00	0.00	0.00	0.00
	490	-0.24	0.00	0.00	0.00	0.00	0.00
371	137	-0.73	0.00	0.00	0.00	0.00	0.00
	135	0.73	0.00	0.00	0.00	0.00	0.00
11	681	5.42e-002	4.38e-002	6.22e-004	-8.79e-003	-1.21e-002	-1.25
	63	-5.42e-002	-4.38e-002	-6.22e-004	8.79e-003	-3.67e-002	4.69
12	66	5.49e-002	4.39e-002	-6.63e-005	-3.71e-003	5.67e-003	2.21
	681	-5.49e-002	-4.39e-002	6.63e-005	3.71e-003	-4.68e-004	1.24
13	681	6.26e-002	4.35e-002	-6.23e-004	8.78e-003	1.22e-002	-1.28
	65	-6.26e-002	-4.35e-002	6.23e-004	-8.78e-003	3.67e-002	4.69
14	64	6.33e-002	4.35e-002	7.24e-005	3.66e-003	-6.04e-003	2.14
	681	-6.33e-002	-4.35e-002	-7.24e-005	-3.66e-003	3.56e-004	1.27
15	679	0.10	-1.72e-002	2.22e-004	2.78e-017	-3.78e-002	-2.93
	627	-0.10	1.72e-002	-2.22e-004	-2.78e-017	1.33e-002	1.03
16	20	0.10	-1.72e-002	2.22e-004	5.55e-017	-5.33e-002	-4.13
	679	-0.10	1.72e-002	-2.22e-004	-5.55e-017	3.78e-002	2.93
17	678	-4.92e-002	5.30e-004	-1.82e-003	0.00	0.31	9.01e-002
	625	4.92e-002	-5.30e-004	1.82e-003	0.00	-0.11	-3.18e-002
18	10	-4.92e-002	5.30e-004	-1.82e-003	1.39e-017	0.44	0.13
	678	4.92e-002	-5.30e-004	1.82e-003	-1.39e-017	-0.31	-9.01e-002
19	627	0.10	-1.72e-002	2.22e-004	0.00	-1.33e-002	-1.03

	710	-0.10	1.72e-002	-2.22e-004	0.00	0.00	0.00
20	625	-4.92e-002	5.30e-004	-1.82e-003	0.00	0.11	3.18e-002
	60	4.92e-002	-5.30e-004	1.82e-003	0.00	0.00	0.00
21	138	0.53	-2.88e-002	-2.46e-004	0.00	5.91e-002	-6.92
	701	-0.53	2.88e-002	2.46e-004	0.00	0.00	0.00
22	134	5.88e-004	4.64e-004	-2.48e-003	0.00	0.59	0.11
	698	-5.88e-004	-4.64e-004	2.48e-003	0.00	0.00	0.00
23	624	0.25	28.00	-1.22e-005	1.41e-004	-6.92e-003	464.00
	623	-0.25	28.00	1.22e-005	-1.41e-004	8.29e-003	-464.52
24	624	-0.59	2.32	7.09e-004	0.00	-7.09e-002	231.72
	703	0.59	-2.32	-7.09e-004	0.00	0.00	0.00
25	696	27.40	2.56	7.22e-004	-6.92e-003	-0.17	126.77
	624	-27.40	-2.56	-7.22e-004	6.92e-003	7.08e-002	232.28
26	623	-0.59	-2.32	-4.03e-004	0.00	4.03e-002	-232.10
	702	0.59	2.32	4.03e-004	0.00	0.00	0.00
27	697	27.42	-2.57	-4.16e-004	8.29e-003	0.10	-127.16
	623	-27.42	2.57	4.16e-004	-8.29e-003	-4.02e-002	-232.43
28	166	-4.59e-002	4.25e-006	5.42e-015	2.67e-004	-9.27e-002	-1.05e-002
	110	4.59e-002	-4.25e-006	-5.42e-015	-2.67e-004	9.27e-002	1.09e-002
29	118	-4.59e-002	4.25e-006	5.39e-015	2.67e-004	-9.27e-002	-1.02e-002
	166	4.59e-002	-4.25e-006	-5.39e-015	-2.67e-004	9.27e-002	1.05e-002
30	158	1.17e-002	1.48e-008	5.45e-015	2.67e-004	2.05e-002	-1.22e-004
	69	-1.17e-002	-1.48e-008	-5.45e-015	-2.67e-004	-2.05e-002	1.23e-004
31	74	1.17e-002	1.48e-008	5.44e-015	2.67e-004	2.05e-002	-1.21e-004
	158	-1.17e-002	-1.48e-008	-5.44e-015	-2.67e-004	-2.05e-002	1.22e-004
32	153	-2.19e-003	-1.24e-009	4.53e-015	2.67e-004	-4.32e-003	-1.27e-006
	70	2.19e-003	1.24e-009	-4.53e-015	-2.67e-004	4.32e-003	1.17e-006
33	81	-2.19e-003	-1.24e-009	4.59e-015	2.67e-004	-4.32e-003	-1.37e-006
	153	2.19e-003	1.24e-009	-4.59e-015	-2.67e-004	4.32e-003	1.27e-006
34	145	4.61e-004	2.38e-008	3.20e-015	2.67e-004	9.26e-004	-1.32e-008
	73	-4.61e-004	-2.38e-008	-3.20e-015	-2.67e-004	-9.26e-004	1.91e-006
35	89	4.61e-004	2.38e-008	3.15e-015	2.67e-004	9.26e-004	1.89e-006
	145	-4.61e-004	-2.38e-008	-3.15e-015	-2.67e-004	-9.26e-004	1.32e-008
36	136	-7.79e-005	6.29e-006	2.15e-015	2.67e-004	-3.41e-004	-1.54e-010
	97	7.79e-005	-6.29e-006	-2.15e-015	-2.67e-004	3.41e-004	5.03e-004
37	105	-7.79e-005	6.29e-006	2.17e-015	2.67e-004	-3.41e-004	5.03e-004
	136	7.79e-005	-6.29e-006	-2.17e-015	-2.67e-004	3.41e-004	1.54e-010
38	118	-2.49e-014	-4.03e-006	9.86e-003	-3.83e-004	-0.54	-2.70e-004
	74	2.49e-014	4.03e-006	-9.86e-003	3.83e-004	-0.13	-2.30e-006
39	579	-4.26e-014	2.15e-007	-3.60e-002	9.81e-003	0.00	0.00
	118	4.26e-014	-2.15e-007	3.60e-002	-9.81e-003	0.63	3.76e-006
40	110	3.55e-015	4.03e-006	-9.86e-003	-6.29e-004	0.54	2.70e-004
	69	-3.55e-015	-4.03e-006	9.86e-003	6.29e-004	0.13	2.30e-006
41	516	7.11e-015	-2.15e-007	3.60e-002	-1.15e-002	0.00	0.00
	110	-7.11e-015	2.15e-007	-3.60e-002	1.15e-002	-0.63	-3.76e-006
42	105	-7.11e-015	-1.04e-005	3.47e-017	-1.08e-019	3.73e-014	-1.81e-004
	68	7.11e-015	1.04e-005	-3.47e-017	1.08e-019	-1.07e-014	2.84e-014
43	89	-1.07e-014	-4.07e-006	-7.79e-005	-5.03e-004	4.93e-003	-1.90e-004
	105	1.07e-014	4.07e-006	7.79e-005	5.03e-004	3.41e-004	-8.53e-005
44	97	-7.11e-015	1.04e-005	-2.52e-015	-1.08e-019	5.60e-014	1.81e-004
	67	7.11e-015	-1.04e-005	2.52e-015	1.08e-019	-1.67e-015	-1.42e-014
45	73	-7.11e-015	4.07e-006	7.79e-005	-5.03e-004	-4.93e-003	1.90e-004
	97	7.11e-015	-4.07e-006	-7.79e-005	5.03e-004	-3.41e-004	8.53e-005

46	81	-1.42e-014	-4.04e-006	3.83e-004	-5.05e-004	-2.29e-002	-2.27e-004
	89	1.42e-014	4.04e-006	-3.83e-004	5.05e-004	-5.85e-003	-7.69e-005
47	74	-2.13e-014	-4.05e-006	-1.80e-003	-5.04e-004	0.11	-2.64e-004
	81	2.13e-014	4.05e-006	1.80e-003	5.04e-004	2.73e-002	-3.97e-005
48	70	-5.33e-015	4.04e-006	-3.83e-004	-5.05e-004	2.29e-002	2.27e-004
	73	5.33e-015	-4.04e-006	3.83e-004	5.05e-004	5.85e-003	7.69e-005
49	69	0.00	4.05e-006	1.80e-003	-5.06e-004	-0.11	2.64e-004
	70	0.00	-4.05e-006	-1.80e-003	5.06e-004	-2.73e-002	3.97e-005
50	63	0.12	-8.95e-003	-1.24e-004	-3.75e-003	8.53e-003	-6.99
	700	-0.12	8.95e-003	1.24e-004	3.75e-003	3.14e-004	6.35
51	698	8.53e-002	-6.18e-003	1.67e-004	-7.87e-004	-4.26e-003	1.23
	66	-8.53e-002	6.18e-003	-1.67e-004	7.87e-004	-7.71e-003	-1.67
52	65	0.12	-8.94e-003	1.17e-004	3.71e-003	-8.27e-003	-6.99
	701	-0.12	8.94e-003	-1.17e-004	-3.71e-003	-1.15e-004	6.35
53	699	9.05e-002	-6.52e-003	-1.74e-004	6.76e-004	4.38e-003	1.11
	64	-9.05e-002	6.52e-003	1.74e-004	-6.76e-004	8.06e-003	-1.57
54	65	8.00e-002	-9.38e-002	-3.99e-004	-1.18e-002	1.03e-002	-5.10
	710	-8.00e-002	9.38e-002	3.99e-004	1.18e-002	1.13e-002	3.65e-002
55	63	0.13	-2.65e-004	-7.84e-006	-2.54e-005	-1.68e-002	-7.06
	65	-0.13	2.65e-004	7.84e-006	2.54e-005	1.76e-002	7.03
56	58	7.90e-002	9.43e-002	2.86e-004	1.18e-002	-7.87e-003	-3.65e-002
	63	-7.90e-002	-9.43e-002	-2.86e-004	-1.18e-002	-7.57e-003	5.13
57	66	-7.67e-003	-1.70e-002	1.91e-003	-4.82e-003	-4.70e-002	-0.95
	60	7.67e-003	1.70e-002	-1.91e-003	4.82e-003	-5.64e-002	3.12e-002
58	64	1.82e-002	3.69e-004	-4.39e-006	-7.31e-005	-4.14e-003	-1.23
	66	-1.82e-002	-3.69e-004	4.39e-006	7.31e-005	4.64e-003	1.27
59	59	-5.63e-003	1.58e-002	-2.01e-003	4.65e-003	5.90e-002	-3.28e-002
	64	5.63e-003	-1.58e-002	2.01e-003	-4.65e-003	4.93e-002	0.89
60	706	2.11e-002	-3.67e-003	-1.26e-003	3.31e-003	3.38e-002	2.19e-002
	66	-2.11e-002	3.67e-003	1.26e-003	-3.31e-003	2.54e-002	-0.19
61	66	4.08e-002	-3.64e-002	-4.65e-004	6.28e-003	1.91e-002	-0.25
	65	-4.08e-002	3.64e-002	4.65e-004	-6.28e-003	3.21e-002	-3.75
62	65	3.25e-003	0.11	4.05e-003	9.79e-003	-8.85e-002	5.06
	702	-3.25e-003	-0.11	-4.05e-003	-9.79e-003	-0.10	9.11e-002
63	63	1.57e-003	0.11	-3.92e-003	-9.75e-003	8.58e-002	5.09
	703	-1.57e-003	-0.11	3.92e-003	9.75e-003	0.10	9.15e-002
64	64	4.06e-002	-3.72e-002	4.88e-004	-6.24e-003	-2.03e-002	-0.32
	63	-4.06e-002	3.72e-002	-4.88e-004	6.24e-003	-3.33e-002	-3.77
65	707	2.33e-002	-2.60e-003	1.33e-003	-3.10e-003	-3.58e-002	2.14e-002
	64	-2.33e-002	2.60e-003	-1.33e-003	3.10e-003	-2.68e-002	-0.14
77	702	-0.11	-0.48	-2.88e-003	-9.14e-002	-0.60	-21.04
	701	0.11	0.48	2.88e-003	9.14e-002	0.76	-4.89
78	703	2.21	-1.09e-003	-3.55e-005	-2.51e-004	-0.70	-21.15
	702	-2.21	1.09e-003	3.55e-005	2.51e-004	0.71	21.03
79	700	-0.11	0.48	2.24e-003	9.12e-002	-0.73	4.89
	703	0.11	-0.48	-2.24e-003	-9.12e-002	0.60	21.16
80	706	-7.36e-002	1.85e-002	2.23e-002	-2.26e-002	-0.52	4.47e-002
	698	7.36e-002	-1.85e-002	-2.23e-002	2.26e-002	-0.69	0.95
81	707	-7.54e-002	-2.11e-006	1.45e-005	-6.64e-004	-0.49	4.11e-002
	706	7.54e-002	2.11e-006	-1.45e-005	6.64e-004	0.49	-4.14e-002
82	699	-7.49e-002	-1.67e-002	-2.27e-002	2.07e-002	0.70	-0.86
	707	7.49e-002	1.67e-002	2.27e-002	-2.07e-002	0.52	-4.42e-002
83	710	-8.40e-002	-3.78e-002	4.68e-002	9.49e-002	-1.44	2.48

	701	8.40e-002	3.78e-002	-4.68e-002	-9.49e-002	-0.76	-4.26
84	60	-8.47e-002	-4.10e-002	-1.60e-002	5.85e-002	0.33	-2.02
	710	8.47e-002	4.10e-002	1.60e-002	-5.85e-002	1.43	-2.49
85	698	-8.09e-002	2.52e-002	-8.84e-003	2.73e-002	0.69	-0.83
	60	8.09e-002	-2.52e-002	8.84e-003	-2.73e-002	-0.27	2.01
86	58	-8.12e-002	-3.51e-002	-4.65e-002	-9.50e-002	1.46	2.61
	700	8.12e-002	3.51e-002	4.65e-002	9.50e-002	0.72	-4.26
87	59	-8.19e-002	-4.56e-002	1.66e-002	-5.85e-002	-0.37	-2.40
	58	8.19e-002	4.56e-002	-1.66e-002	5.85e-002	-1.45	-2.62
88	699	-8.05e-002	3.51e-002	8.40e-003	-2.57e-002	-0.71	-0.75
	59	8.05e-002	-3.51e-002	-8.40e-003	2.57e-002	0.31	2.40
89	708	-6.49e-002	2.54e-003	6.23e-004	0.00	-0.15	0.61
	59	6.49e-002	-2.54e-003	-6.23e-004	0.00	0.00	0.00
90	709	0.10	1.60e-002	4.01e-004	0.00	-0.10	3.84
	58	-0.10	-1.60e-002	-4.01e-004	0.00	0.00	0.00
95	704	1.41e-002	8.54e-004	6.26e-004	0.00	-0.15	0.20
	707	-1.41e-002	-8.54e-004	-6.26e-004	0.00	0.00	0.00
96	705	1.48e-002	5.34e-004	-1.19e-003	0.00	0.29	0.13
	706	-1.48e-002	-5.34e-004	1.19e-003	0.00	0.00	0.00
101	142	1.18e-002	1.67e-003	1.73e-003	0.00	-0.42	0.40
	699	-1.18e-002	-1.67e-003	-1.73e-003	0.00	0.00	0.00
102	131	0.53	2.72e-002	1.82e-003	0.00	-0.44	6.54
	700	-0.53	-2.72e-002	-1.82e-003	0.00	0.00	0.00
217	280	-0.54	6.51e-002	-9.83e-003	1.90e-003	0.41	2.64
	274	0.54	-6.51e-002	9.83e-003	-1.90e-003	0.44	2.96
218	127	0.35	-0.11	2.57e-002	1.11e-003	-1.13	-4.76
	616	-0.35	0.11	-2.57e-002	-1.11e-003	-1.07	-4.93
219	404	-0.16	1.09e-003	5.29e-003	-4.24e-004	-0.29	2.35e-002
	428	0.16	-1.09e-003	-5.29e-003	4.24e-004	-0.19	7.48e-002
224	62	-0.33	2.39e-002	8.29e-003	-4.71e-004	-0.39	0.99
	608	0.33	-2.39e-002	-8.29e-003	4.71e-004	-0.33	1.06
225	112	0.18	-4.15e-002	7.48e-003	2.03e-004	-0.36	-1.87
	612	-0.18	4.15e-002	-7.48e-003	-2.03e-004	-0.28	-1.70
226	400	-0.10	2.25e-003	8.70e-003	-1.50e-004	-0.42	0.16
	420	0.10	-2.25e-003	-8.70e-003	1.50e-004	-0.36	4.14e-002
227	396	1.17	3.66e-003	6.94e-003	1.97e-004	-0.33	0.41
	412	-1.17	-3.66e-003	-6.94e-003	-1.97e-004	-0.29	-8.21e-002
686	288	-0.41	7.56e-002	1.31e-002	6.45e-004	-0.57	3.25
	283	0.41	-7.56e-002	-1.31e-002	-6.45e-004	-0.56	3.26
91	709	-0.47	8.39e-002	4.99e-002	-2.46	-0.51	2.14
	40	0.47	-8.39e-002	-4.99e-002	2.46	-0.73	-4.41e-002
92	132	-0.82	0.22	1.50e-002	-1.92	-0.92	4.15
	709	0.82	-0.22	-1.50e-002	1.92	0.74	-1.54
93	708	3.40e-003	-2.23e-002	-6.91e-003	-0.70	-0.81	-0.80
	53	-3.40e-003	2.23e-002	6.91e-003	0.70	0.98	0.24
94	139	0.15	-0.13	-1.23e-002	-0.99	-1.31	-2.73
	708	-0.15	0.13	1.23e-002	0.99	1.45	1.11
97	705	0.19	1.46e-002	5.34e-003	-0.22	0.58	-0.21
	150	-0.19	-1.46e-002	-5.34e-003	0.22	-0.64	0.37
98	5	0.15	8.66e-003	2.15e-004	-0.16	0.38	-0.10
	705	-0.15	-8.66e-003	-2.15e-004	0.16	-0.38	0.31
99	704	0.19	1.91e-002	-2.92e-003	-5.72e-002	-0.31	-0.18
	147	-0.19	-1.91e-002	2.92e-003	5.72e-002	0.34	0.39

100	160	0.17	9.49e-003	1.54e-003	-0.11	-0.44	-0.10
	704	-0.17	-9.49e-003	-1.54e-003	0.11	0.41	0.32
103	697	0.24	-1.03	-5.48e-004	5.44e-003	3.54e-002	-4.11
	146	-0.24	1.03	5.48e-004	-5.44e-003	-3.21e-002	-2.07
104	25	1.46	0.94	-5.34e-003	9.38e-003	0.20	7.64
	697	-1.46	-0.94	5.34e-003	-9.38e-003	-7.39e-002	14.82
105	696	0.24	-1.04	5.04e-004	3.52e-003	-2.66e-002	-4.13
	143	-0.24	1.04	-5.04e-004	-3.52e-003	2.36e-002	-2.09
106	33	1.47	0.93	1.84e-003	-4.52e-003	-0.18	7.49
	696	-1.47	-0.93	-1.84e-003	4.52e-003	0.13	14.72
107	205	-5.00e-009	7.50	1.90e-013	-2.09e-012	-9.64e-012	37.50
	222	5.00e-009	7.50	-1.90e-013	2.09e-012	3.93e-012	-37.50
108	212	-5.54e-009	7.50	5.37e-014	6.27e-012	-7.82e-012	37.50
	204	5.54e-009	7.50	-5.37e-014	-6.27e-012	6.21e-012	-37.50
109	312	-5.83e-008	8.33	-4.60e-013	1.03e-011	-5.41e-012	46.30
	205	5.83e-008	8.33	4.60e-013	-1.03e-011	2.07e-011	-46.30
110	308	-7.73e-008	8.33	4.23e-014	4.56e-012	-1.01e-011	46.30
	312	7.73e-008	8.33	-4.23e-014	-4.56e-012	8.67e-012	-46.30
111	204	-6.05e-008	8.33	5.71e-013	-2.53e-012	-2.23e-011	46.30
	308	6.05e-008	8.33	-5.71e-013	2.53e-012	3.29e-012	-46.30
112	32	1.41e-007	1.01e-012	1.79e-013	-5.54e-013	-1.23e-011	-1.43e-010
	143	-1.41e-007	-1.01e-012	-1.79e-013	5.54e-013	5.62e-012	1.81e-010
113	30	1.38e-007	-3.19e-012	1.31e-014	8.96e-012	-1.93e-011	-2.41e-010
	32	-1.38e-007	3.19e-012	-1.31e-014	-8.96e-012	1.88e-011	1.23e-010
114	364	1.32e-007	-2.40e-011	-7.75e-013	2.00e-011	1.42e-011	-7.58e-010
	30	-1.32e-007	2.40e-011	7.75e-013	-2.00e-011	1.45e-011	-1.28e-010
115	27	1.40e-007	-1.17e-012	2.42e-013	-1.13e-013	-9.42e-012	1.38e-010
	146	-1.40e-007	1.17e-012	-2.42e-013	1.13e-013	4.71e-013	-1.81e-010
116	26	1.36e-007	2.96e-012	1.32e-013	-2.62e-012	-1.75e-011	2.30e-010
	27	-1.36e-007	-2.96e-012	-1.32e-013	2.62e-012	1.26e-011	-1.20e-010
117	365	1.32e-007	2.44e-011	-4.02e-013	-3.93e-012	4.15e-012	7.63e-010
	26	-1.32e-007	-2.44e-011	4.02e-013	3.93e-012	1.07e-011	1.38e-010
118	3	-7.18e-010	9.19e-014	-2.57e-014	1.36e-011	3.10e-012	-2.58e-012
	150	7.18e-010	-9.19e-014	2.57e-014	-1.36e-011	-2.15e-012	5.98e-012
119	168	-1.20e-009	4.53e-013	-5.57e-014	5.17e-012	3.84e-012	8.16e-012
	3	1.20e-009	-4.53e-013	5.57e-014	-5.17e-012	-1.78e-012	8.58e-012
120	367	-1.79e-009	4.50e-013	-7.71e-014	3.27e-012	6.51e-012	8.26e-012
	168	1.79e-009	-4.50e-013	7.71e-014	-3.27e-012	-3.66e-012	8.40e-012
121	428	-2.57e-009	6.56e-014	-8.67e-014	2.91e-012	1.09e-011	1.35e-012
	367	2.57e-009	-6.56e-014	8.67e-014	-2.91e-012	-6.92e-012	1.70e-012
122	426	-3.04e-009	4.09e-013	-3.93e-014	1.16e-012	1.37e-011	1.02e-011
	428	3.04e-009	-4.09e-013	3.93e-014	-1.16e-012	-1.18e-011	8.84e-012
123	424	-3.07e-009	1.54e-013	-4.44e-014	1.79e-012	1.67e-011	6.63e-012
	426	3.07e-009	-1.54e-013	4.44e-014	-1.79e-012	-1.47e-011	5.44e-013
124	422	-3.36e-009	1.40e-013	-3.12e-014	2.41e-012	1.86e-011	6.98e-012
	424	3.36e-009	-1.40e-013	3.12e-014	-2.41e-012	-1.72e-011	-4.53e-013
125	420	-3.85e-009	-4.55e-016	-5.32e-014	3.26e-012	2.09e-011	3.46e-012
	422	3.85e-009	4.55e-016	5.32e-014	-3.26e-012	-1.84e-011	-3.48e-012
126	418	-4.18e-009	2.10e-013	2.68e-014	3.15e-014	1.97e-011	7.91e-012
	420	4.18e-009	-2.10e-013	-2.68e-014	-3.15e-014	-2.09e-011	1.86e-012
127	416	-4.20e-009	4.00e-014	-1.28e-014	4.94e-013	2.06e-011	5.35e-012
	418	4.20e-009	-4.00e-014	1.28e-014	-4.94e-013	-2.00e-011	-3.49e-012
128	414	-4.29e-009	7.85e-014	-2.67e-014	1.63e-013	2.19e-011	6.74e-012

	416	4.29e-009	-7.85e-014	2.67e-014	-1.63e-013	-2.06e-011	-3.09e-012
129	412	-3.79e-009	1.73e-012	-4.05e-014	2.41e-013	2.35e-011	5.10e-011
	414	3.79e-009	-1.73e-012	4.05e-014	-2.41e-013	-2.16e-011	2.97e-011
130	410	-6.94e-009	-6.71e-013	5.77e-014	-2.31e-012	1.99e-011	-9.63e-012
	412	6.94e-009	6.71e-013	-5.77e-014	2.31e-012	-2.26e-011	-2.16e-011
131	408	-1.36e-008	9.82e-013	3.41e-014	-1.29e-012	1.66e-011	1.06e-011
	410	1.36e-008	-9.82e-013	-3.41e-014	1.29e-012	-1.82e-011	3.51e-011
132	406	-1.96e-008	1.43e-012	-5.54e-014	-1.09e-012	1.67e-011	1.72e-011
	408	1.96e-008	-1.43e-012	5.54e-014	1.09e-012	-1.41e-011	4.95e-011
133	293	-3.27e-008	-2.09e-012	-2.94e-013	-2.58e-012	2.66e-011	-1.41e-010
	406	3.27e-008	2.09e-012	2.94e-013	2.58e-012	-1.29e-011	4.34e-011
134	164	-7.83e-010	-1.44e-013	-1.15e-013	2.37e-012	1.39e-012	3.34e-012
	147	7.83e-010	1.44e-013	1.15e-013	-2.37e-012	2.85e-012	-8.66e-012
135	163	-8.61e-010	-3.34e-013	-1.13e-013	8.29e-012	5.05e-012	-5.96e-012
	164	8.61e-010	3.34e-013	1.13e-013	-8.29e-012	-8.60e-013	-6.41e-012
136	366	-1.03e-009	-3.20e-013	-1.17e-013	1.08e-011	9.89e-012	-6.85e-012
	163	1.03e-009	3.20e-013	1.17e-013	-1.08e-011	-5.58e-012	-4.97e-012
137	404	-1.62e-009	3.02e-014	-4.17e-014	1.10e-011	1.37e-011	-2.39e-013
	366	1.62e-009	-3.02e-014	4.17e-014	-1.10e-011	-1.17e-011	1.64e-012
138	403	-2.07e-009	-3.27e-013	-6.75e-014	7.18e-012	1.70e-011	-8.84e-012
	404	2.07e-009	3.27e-013	6.75e-014	-7.18e-012	-1.39e-011	-6.39e-012
139	402	-2.23e-009	-1.02e-013	-4.47e-014	7.44e-012	1.92e-011	-4.55e-012
	403	2.23e-009	1.02e-013	4.47e-014	-7.44e-012	-1.71e-011	-2.17e-013
140	401	-2.48e-009	-9.55e-014	-4.05e-014	7.50e-012	2.19e-011	-4.72e-012
	402	2.48e-009	9.55e-014	4.05e-014	-7.50e-012	-2.00e-011	2.79e-013
141	400	-2.86e-009	8.08e-014	1.39e-014	7.51e-012	2.25e-011	-1.33e-013
	401	2.86e-009	-8.08e-014	-1.39e-014	-7.51e-012	-2.31e-011	3.89e-012
142	399	-2.95e-009	-1.34e-013	-5.35e-014	2.95e-012	2.50e-011	-5.61e-012
	400	2.95e-009	1.34e-013	5.35e-014	-2.95e-012	-2.26e-011	-6.27e-013
143	398	-2.91e-009	-7.49e-015	-1.14e-014	3.52e-012	2.52e-011	-3.51e-012
	399	2.91e-009	7.49e-015	1.14e-014	-3.52e-012	-2.46e-011	3.16e-012
144	397	-2.94e-009	-5.21e-014	-5.24e-015	3.83e-012	2.55e-011	-5.00e-012
	398	2.94e-009	5.21e-014	5.24e-015	-3.83e-012	-2.53e-011	2.57e-012
145	396	-2.50e-009	-1.65e-012	3.42e-014	4.65e-012	2.40e-011	-4.69e-011
	397	2.50e-009	1.65e-012	-3.42e-014	-4.65e-012	-2.56e-011	-2.99e-011
146	395	-5.52e-009	7.49e-013	-7.86e-015	1.73e-012	2.40e-011	1.26e-011
	396	5.52e-009	-7.49e-013	7.86e-015	-1.73e-012	-2.36e-011	2.23e-011
147	394	-1.24e-008	-9.65e-013	4.38e-014	1.81e-012	2.06e-011	-7.59e-012
	395	1.24e-008	9.65e-013	-4.38e-014	-1.81e-012	-2.26e-011	-3.73e-011
148	393	-1.87e-008	-1.39e-012	3.54e-014	1.81e-012	1.70e-011	-1.20e-011
	394	1.87e-008	1.39e-012	-3.54e-014	-1.81e-012	-1.86e-011	-5.25e-011
149	292	-3.22e-008	2.35e-012	8.30e-014	2.94e-012	1.24e-011	1.52e-010
	393	3.22e-008	-2.35e-012	-8.30e-014	-2.94e-012	-1.63e-011	-4.30e-011
150	221	1.25e-007	-1.53e-011	-8.05e-013	1.39e-011	2.47e-012	9.37e-011
	205	-1.25e-007	1.53e-011	8.05e-013	-1.39e-011	2.09e-011	-5.39e-010
151	219	8.91e-008	2.88e-012	-1.26e-013	8.40e-012	4.59e-012	1.38e-010
	221	-8.91e-008	-2.88e-012	1.26e-013	-8.40e-012	9.36e-013	-1.08e-011
152	217	7.47e-008	2.43e-012	8.23e-014	-1.73e-012	-4.23e-012	1.17e-010
	219	-7.47e-008	-2.43e-012	-8.23e-014	1.73e-012	6.05e-013	-9.78e-012
153	180	6.23e-008	1.97e-012	2.48e-013	-1.07e-011	-1.64e-011	7.46e-011
	217	-6.23e-008	-1.97e-012	-2.48e-013	1.07e-011	5.51e-012	1.19e-011
154	57	5.46e-008	3.47e-012	7.02e-013	-1.22e-011	-4.52e-011	1.38e-010
	180	-5.46e-008	-3.47e-012	-7.02e-013	1.22e-011	1.08e-011	3.18e-011

155	215	1.26e-007	1.45e-011	-6.48e-013	-1.36e-011	-4.50e-012	-9.37e-011
	204	-1.26e-007	-1.45e-011	6.48e-013	1.36e-011	2.33e-011	5.14e-010
156	214	9.13e-008	-2.81e-012	-2.02e-013	-6.84e-012	3.02e-012	-1.32e-010
	215	-9.13e-008	2.81e-012	2.02e-013	6.84e-012	5.88e-012	8.29e-012
157	213	7.76e-008	-2.41e-012	2.61e-014	-4.78e-013	2.09e-012	-1.15e-010
	214	-7.76e-008	2.41e-012	-2.61e-014	4.78e-013	-3.24e-012	8.75e-012
158	179	6.52e-008	-1.97e-012	3.43e-013	1.29e-012	-1.36e-011	-7.31e-011
	213	-6.52e-008	1.97e-012	-3.43e-013	-1.29e-012	-1.45e-012	-1.36e-011
159	56	5.80e-008	-3.91e-012	7.93e-013	-6.07e-013	-5.38e-011	-1.50e-010
	179	-5.80e-008	3.91e-012	-7.93e-013	6.07e-013	1.49e-011	-4.17e-011
160	42	9.98e-009	-1.19e-012	-4.19e-012	1.13e-010	1.90e-012	-6.22e-011
	132	-9.98e-009	1.19e-012	4.19e-012	-1.13e-010	1.53e-010	1.83e-011
161	41	8.23e-009	-1.01e-012	-1.32e-012	4.50e-011	1.64e-011	-1.56e-010
	42	-8.23e-009	1.01e-012	1.32e-012	-4.50e-011	3.25e-011	1.19e-010
162	357	7.02e-009	1.07e-012	-1.89e-012	-5.23e-013	2.85e-011	-1.10e-010
	41	-7.02e-009	-1.07e-012	1.89e-012	5.23e-013	4.15e-011	1.49e-010
163	616	3.68e-009	1.33e-012	-1.63e-012	-7.23e-012	6.64e-011	-2.11e-011
	357	-3.68e-009	-1.33e-012	1.63e-012	7.23e-012	9.52e-012	8.31e-011
164	615	5.13e-009	3.67e-013	-2.02e-012	2.61e-012	6.85e-011	1.25e-011
	616	-5.13e-009	-3.67e-013	2.02e-012	-2.61e-012	2.56e-011	4.59e-012
165	614	5.01e-009	-2.50e-014	-2.48e-013	1.30e-011	4.01e-011	9.81e-012
	615	-5.01e-009	2.50e-014	2.48e-013	-1.30e-011	-2.85e-011	-1.10e-011
166	613	6.87e-009	-7.45e-014	-1.86e-013	1.05e-011	3.29e-011	4.54e-012
	614	-6.87e-009	7.45e-014	1.86e-013	-1.05e-011	-2.42e-011	-8.01e-012
167	612	8.35e-009	-1.04e-014	-2.56e-013	7.33e-012	3.38e-011	3.17e-012
	613	-8.35e-009	1.04e-014	2.56e-013	-7.33e-012	-2.19e-011	-3.65e-012
168	611	1.03e-008	-4.17e-014	-6.39e-013	2.54e-012	3.31e-011	1.11e-012
	612	-1.03e-008	4.17e-014	6.39e-013	-2.54e-012	-3.32e-012	-3.05e-012
169	610	1.02e-008	2.33e-015	-3.86e-014	1.71e-012	2.33e-011	1.65e-012
	611	-1.02e-008	-2.33e-015	3.86e-014	-1.71e-012	-2.15e-011	-1.54e-012
170	609	1.03e-008	1.26e-014	-6.23e-014	7.73e-013	2.38e-011	2.41e-012
	610	-1.03e-008	-1.26e-014	6.23e-014	-7.73e-013	-2.09e-011	-1.82e-012
171	608	1.03e-008	4.04e-014	-3.15e-013	-6.47e-014	2.98e-011	4.29e-012
	609	-1.03e-008	-4.04e-014	3.15e-013	6.47e-014	-1.51e-011	-2.41e-012
172	607	1.06e-008	-4.31e-014	3.59e-013	-4.46e-012	1.72e-011	2.52e-012
	608	-1.06e-008	4.31e-014	-3.59e-013	4.46e-012	-3.39e-011	-4.53e-012
173	606	1.28e-008	-1.45e-014	-3.07e-013	-5.34e-012	2.56e-011	2.21e-012
	607	-1.28e-008	1.45e-014	3.07e-013	5.34e-012	-1.13e-011	-2.89e-012
174	605	1.45e-008	4.85e-015	-3.60e-013	-6.55e-012	2.50e-011	2.73e-012
	606	-1.45e-008	-4.85e-015	3.60e-013	6.55e-012	-8.22e-012	-2.51e-012
175	283	1.64e-008	6.29e-014	-2.58e-013	-7.15e-012	1.49e-011	5.76e-012
	605	-1.64e-008	-6.29e-014	2.58e-013	7.15e-012	-2.83e-012	-2.83e-012
176	350	1.68e-008	-7.18e-014	7.44e-013	-1.36e-011	5.28e-012	3.34e-012
	283	-1.68e-008	7.18e-014	-7.44e-013	1.36e-011	-3.70e-011	-6.40e-012
177	349	2.12e-008	-2.83e-014	-8.54e-013	-1.38e-011	2.32e-011	2.95e-012
	350	-2.12e-008	2.83e-014	8.54e-013	1.38e-011	1.33e-011	-4.16e-012
178	195	2.55e-008	-1.54e-015	-4.76e-013	-1.57e-011	1.14e-011	3.16e-012
	349	-2.55e-008	1.54e-015	4.76e-013	1.57e-011	1.61e-011	-3.24e-012
179	274	2.92e-008	-1.13e-013	-2.55e-012	-1.69e-011	2.63e-011	1.38e-012
	195	-2.92e-008	1.13e-013	2.55e-012	1.69e-011	4.76e-011	-4.66e-012
180	273	3.20e-008	-1.67e-015	2.37e-013	-1.23e-011	-1.18e-011	2.19e-012
	274	-3.20e-008	1.67e-015	-2.37e-013	1.23e-011	1.34e-012	-2.26e-012
181	272	3.99e-008	-1.36e-013	-1.45e-012	-1.29e-011	5.22e-012	-4.71e-012

	273	-3.99e-008	1.36e-013	1.45e-012	1.29e-011	5.88e-011	-1.26e-012
182	170	5.62e-008	-6.14e-013	7.40e-012	-1.32e-011	-2.77e-010	-2.65e-011
	272	-5.62e-008	6.14e-013	-7.40e-012	1.32e-011	-4.84e-011	-5.59e-013
183	52	-5.40e-009	1.11e-013	-4.34e-012	4.66e-011	2.65e-011	-1.37e-011
	139	5.40e-009	-1.11e-013	4.34e-012	-4.66e-011	1.34e-010	1.78e-011
184	50	7.68e-010	7.61e-014	6.53e-013	2.02e-011	-3.84e-012	-3.65e-012
	52	-7.68e-010	-7.61e-014	-6.53e-013	-2.02e-011	-2.03e-011	6.47e-012
185	362	3.52e-009	-1.33e-014	7.43e-013	1.69e-011	-9.53e-012	-2.81e-012
	50	-3.52e-009	1.33e-014	-7.43e-013	-1.69e-011	-1.80e-011	2.31e-012
186	127	7.56e-009	-1.17e-013	-8.83e-013	1.65e-011	4.56e-011	-6.73e-012
	362	-7.56e-009	1.17e-013	8.83e-013	-1.65e-011	-4.54e-012	1.30e-012
187	124	7.06e-009	1.11e-013	-1.80e-013	5.07e-012	1.25e-011	-1.33e-012
	127	-7.06e-009	-1.11e-013	1.80e-013	-5.07e-012	-4.08e-012	6.47e-012
188	120	9.03e-009	-5.89e-016	2.60e-013	6.23e-012	1.33e-011	-2.25e-012
	124	-9.03e-009	5.89e-016	-2.60e-013	-6.23e-012	-2.54e-011	2.22e-012
189	116	1.04e-008	-1.40e-014	2.13e-013	6.56e-012	1.57e-011	-2.87e-012
	120	-1.04e-008	1.40e-014	-2.13e-013	-6.56e-012	-2.56e-011	2.22e-012
190	112	1.22e-008	-4.17e-014	-4.00e-013	6.95e-012	3.76e-011	-4.39e-012
	116	-1.22e-008	4.17e-014	4.00e-013	-6.95e-012	-1.89e-011	2.45e-012
191	107	1.19e-008	2.89e-014	-3.95e-014	3.23e-012	2.28e-011	-2.88e-012
	112	-1.19e-008	-2.89e-014	3.95e-014	-3.23e-012	-2.10e-011	4.23e-012
192	103	1.24e-008	-1.13e-014	6.48e-014	3.10e-012	2.36e-011	-3.77e-012
	107	-1.24e-008	1.13e-014	-6.48e-014	-3.10e-012	-2.66e-011	3.24e-012
193	99	1.28e-008	-2.08e-014	5.70e-014	2.47e-012	2.45e-011	-5.15e-012
	103	-1.28e-008	2.08e-014	-5.70e-014	-2.47e-012	-2.71e-011	4.18e-012
194	62	1.27e-008	-3.62e-015	7.79e-013	3.85e-012	3.95e-012	-6.04e-012
	99	-1.27e-008	3.62e-015	-7.79e-013	-3.85e-012	-4.02e-011	5.88e-012
195	622	1.38e-008	1.81e-013	1.82e-013	3.07e-012	2.11e-011	3.98e-012
	62	-1.38e-008	-1.81e-013	-1.82e-013	-3.07e-012	-2.95e-011	4.42e-012
196	620	1.46e-008	1.97e-013	5.16e-013	4.35e-012	9.82e-012	1.72e-011
	622	-1.46e-008	-1.97e-013	-5.16e-013	-4.35e-012	-3.38e-011	-8.05e-012
197	618	1.54e-008	7.52e-014	5.12e-013	5.07e-013	7.47e-012	2.53e-011
	620	-1.54e-008	-7.52e-014	-5.12e-013	-5.07e-013	-3.13e-011	-2.18e-011
198	288	1.59e-008	-1.73e-013	1.77e-012	-5.62e-012	-3.16e-011	1.74e-011
	618	-1.59e-008	1.73e-013	-1.77e-012	5.62e-012	-5.08e-011	-2.55e-011
199	354	1.92e-008	1.32e-013	1.36e-012	-6.87e-012	-8.24e-012	1.70e-011
	288	-1.92e-008	-1.32e-013	-1.36e-012	6.87e-012	-4.96e-011	-1.14e-011
200	352	1.86e-008	2.42e-013	1.65e-012	2.50e-013	-3.45e-011	3.62e-011
	354	-1.86e-008	-2.42e-013	-1.65e-012	-2.50e-013	-3.59e-011	-2.59e-011
201	200	1.85e-008	-6.35e-013	7.61e-013	-2.73e-011	-3.50e-011	1.66e-011
	352	-1.85e-008	6.35e-013	-7.61e-013	2.73e-011	-8.90e-012	-5.33e-011
202	280	1.96e-008	-1.32e-012	6.22e-012	-3.87e-011	-1.23e-010	-5.32e-011
	200	-1.96e-008	1.32e-012	-6.22e-012	3.87e-011	-5.70e-011	1.48e-011
203	278	2.67e-008	-3.37e-013	1.43e-012	-1.51e-011	-3.20e-011	-7.68e-011
	280	-2.67e-008	3.37e-013	-1.43e-012	1.51e-011	-3.09e-011	6.20e-011
204	276	3.15e-008	4.25e-013	1.77e-012	-4.27e-012	-4.52e-011	-5.08e-011
	278	-3.15e-008	-4.25e-013	-1.77e-012	4.27e-012	-3.28e-011	6.95e-011
205	175	4.15e-008	1.50e-012	-2.52e-012	1.34e-012	9.63e-011	1.56e-011
	276	-4.15e-008	-1.50e-012	2.52e-012	-1.34e-012	1.47e-011	5.04e-011
220	14	25.85	-2.28	0.92	0.00	-9.20	-22.77
	192	-25.85	2.28	-0.92	0.00	0.00	0.00
221	11	26.85	2.36	1.31	0.00	-13.07	23.58
	191	-26.85	-2.36	-1.31	0.00	0.00	0.00

222	4	42.15	-4.86	-1.00	0.00	10.01	-48.63
	695	-42.15	4.86	1.00	0.00	0.00	0.00
223	1	41.15	4.78	-1.23	0.00	12.26	47.82
	694	-41.15	-4.78	1.23	0.00	0.00	0.00
228	20	-7.59e-002	-1.21e-003	0.11	2.06	-2.82	-0.24
	138	7.59e-002	1.21e-003	-0.11	-2.06	-2.15	0.18
229	137	-0.35	1.71e-002	-2.71e-002	0.98	-0.31	0.84
	20	0.35	-1.71e-002	2.71e-002	-0.98	1.58	-3.46e-002
230	10	-0.36	-1.32e-002	8.72e-004	-1.87e-002	-5.09e-002	0.12
	135	0.36	1.32e-002	-8.72e-004	1.87e-002	9.92e-003	-0.74
231	134	-8.82e-002	-9.46e-003	2.58e-003	-6.24e-002	-0.15	-0.27
	10	8.82e-002	9.46e-003	-2.58e-003	6.24e-002	2.63e-002	-0.17
232	131	-0.16	-3.51e-002	-6.31e-002	-1.18	2.72	-0.66
	40	0.16	3.51e-002	6.31e-002	1.18	-1.33	-0.11
233	53	-1.64e-002	-2.09e-002	-5.98e-003	-0.45	-0.82	-0.30
	142	1.64e-002	2.09e-002	5.98e-003	0.45	0.95	-0.16
234	33	-1.40	5.87e-003	3.98e-002	-0.26	0.53	5.13
	131	1.40	-5.87e-003	-3.98e-002	0.26	-1.72	-4.95
235	25	-1.45	1.06e-002	-3.85e-002	0.34	-0.53	5.17
	138	1.45	-1.06e-002	3.85e-002	-0.34	1.68	-4.85
236	5	6.29e-002	-1.07e-002	3.57e-004	-0.15	-0.27	-0.15
	134	-6.29e-002	1.07e-002	-3.57e-004	0.15	0.26	-0.17
237	160	0.11	-6.02e-004	9.50e-003	-9.10e-002	0.54	-6.92e-002
	142	-0.11	6.02e-004	-9.50e-003	9.10e-002	-0.82	5.11e-002
370	147	0.32	-1.72e-004	-9.03e-003	-0.36	-0.84	1.07e-002
	150	-0.32	1.72e-004	9.03e-003	0.36	1.66	-2.62e-002
372	139	-0.58	-0.23	-7.35e-002	-4.16	3.29	-10.02
	132	0.58	0.23	7.35e-002	4.16	3.03	-9.55

Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
1	53	-1.60e-004	-9.07e-006	7.51e-005	-4.89e-002	-5.46e-002	8.10e-002
	51	-1.60e-004	1.36e-003	-1.05e-004	-1.90e-002	-1.06e-002	4.37e-002
	708	8.33e-005	-9.07e-006	-3.87e-004	-7.40e-002	-3.06e-002	0.11
2	708	6.54e-004	-5.97e-004	1.31e-004	2.34e-003	-0.22	9.07e-002
	52	6.54e-004	5.61e-003	-8.41e-004	-3.10e-003	-0.15	7.55e-002
	139	1.22e-003	-6.63e-006	-8.72e-004	-2.65e-003	-0.14	0.11
3	132	-2.99e-003	2.19e-003	1.91e-005	-8.16e-002	8.33e-002	0.28
	42	-2.99e-003	-5.29e-003	-2.50e-003	-0.29	-5.43e-002	0.29
	709	-1.36e-003	2.19e-003	1.23e-003	-7.91e-002	-6.15e-002	0.24
4	3	1.62e-004	3.05e-004	7.74e-005	-3.33e-003	5.92e-002	2.39e-002
	705	1.62e-004	-5.50e-004	4.95e-005	-3.24e-003	2.49e-002	2.38e-002
	150	1.77e-004	-4.80e-004	1.68e-004	-3.29e-003	7.31e-002	1.44e-002
5	164	2.35e-004	2.29e-004	-1.54e-004	6.81e-003	3.07e-002	4.18e-003
	147	2.35e-004	-5.18e-004	4.54e-005	-1.31e-002	3.31e-002	7.09e-003
	704	1.16e-004	-5.18e-004	1.57e-004	-1.22e-002	7.80e-003	7.83e-003
6	27	-4.21e-002	2.83e-003	6.54e-004	4.42e-002	1.51e-002	-5.99e-004
	146	-4.21e-002	-8.91e-004	-4.65e-003	2.11e-003	3.75e-003	-8.07e-004
	697	-4.04e-002	-8.91e-004	-4.34e-003	2.07e-003	-8.58e-003	-2.64e-003
7	32	-4.23e-002	2.83e-003	6.82e-004	-5.75e-002	-1.11e-002	-1.08e-003
	143	-4.23e-002	-8.96e-004	-4.71e-003	-2.63e-002	-3.45e-003	-1.15e-003
	696	-4.06e-002	-8.96e-004	-4.40e-003	-2.63e-002	7.66e-003	9.73e-005
8	46	-6.12e-003	-4.81e-004	-8.15e-004	-1.62e-002	0.38	-0.12
	133	-6.12e-003	-2.10e-003	-7.44e-004	7.21e-002	-5.00e-002	-4.69e-002
	45	-6.16e-003	-5.62e-004	-5.58e-004	1.18e-002	-0.40	-0.25
9	677	-4.50e-003	-1.10e-003	2.15e-003	0.37	0.14	-0.22
	71	-4.50e-003	1.46e-003	2.72e-003	4.15e-002	6.15e-002	-0.20

	680	-5.20e-003	-2.05e-004	1.54e-003	0.26	0.17	-0.26
10	72	-7.49e-003	-1.38e-003	3.65e-003	0.67	1.85e-002	-0.11
	82	-7.49e-003	1.99e-003	4.98e-003	0.33	-0.25	3.29e-002
	79	-9.54e-003	-6.94e-004	2.63e-003	0.71	9.29e-002	-0.29
66	709	1.25e-003	-4.00e-004	2.13e-004	-0.10	7.50e-002	-0.39
	40	1.25e-003	2.79e-004	1.18e-003	0.16	6.27e-002	-0.34
	37	-1.63e-003	2.79e-004	6.83e-004	0.24	0.55	-0.35
67	42	-2.29e-004	-2.06e-003	2.39e-004	4.88e-002	-0.37	-0.28
	37	-2.29e-004	6.52e-004	6.70e-005	0.14	-0.46	-0.12
	709	1.15e-004	-1.18e-003	-1.17e-003	0.23	-6.24e-002	-0.32
68	51	1.39e-004	-6.61e-004	8.88e-004	-5.04e-002	5.29e-003	-4.65e-002
	52	1.39e-004	1.07e-003	5.57e-004	2.83e-003	-3.95e-002	-7.80e-002
	708	8.00e-004	5.08e-004	-2.01e-004	-4.59e-002	-6.29e-002	-0.11
69	5	-4.08e-004	7.70e-005	2.23e-004	1.91e-002	1.26e-002	-1.88e-002
	705	-4.08e-004	4.40e-005	4.93e-005	2.41e-002	1.82e-002	-2.49e-002
	2	1.28e-004	7.70e-005	2.49e-004	9.65e-003	-3.71e-003	-1.02e-002
70	704	-1.25e-004	-3.00e-004	-2.11e-004	7.87e-003	-2.55e-002	-6.56e-003
	155	-1.25e-004	2.56e-004	-3.26e-005	1.94e-002	-3.05e-002	-7.85e-003
	160	-2.87e-004	-1.35e-004	-2.85e-004	1.07e-002	-3.52e-002	-9.22e-003
71	164	1.50e-004	2.49e-005	-3.48e-005	9.69e-003	-8.45e-003	1.43e-002
	704	1.50e-004	-2.33e-004	5.40e-005	-7.04e-003	9.27e-003	1.05e-002
	155	-4.24e-006	-4.17e-005	1.00e-004	2.10e-003	1.30e-002	2.87e-002
72	2	-1.35e-004	1.84e-004	-6.40e-005	8.80e-003	3.81e-003	1.85e-002
	705	-1.35e-004	1.45e-005	-2.13e-004	4.29e-002	-1.15e-002	1.63e-002
	3	6.30e-005	1.11e-004	-7.18e-005	2.21e-002	-1.49e-002	7.38e-003
73	697	-2.81e-002	-4.80e-003	6.91e-003	3.12e-003	-1.95e-002	6.82e-004
	24	-2.81e-002	2.00e-002	2.15e-003	-3.75e-002	1.69e-002	5.94e-003
	25	-2.38e-002	2.54e-003	-1.63e-004	-6.50e-003	3.34e-002	1.89e-002
74	27	8.27e-004	-4.31e-002	3.79e-003	8.42e-003	-4.60e-002	-1.29e-003
	24	8.27e-004	-3.43e-002	4.64e-003	-4.97e-003	-4.27e-002	7.91e-003
	697	-1.26e-003	-4.13e-002	-1.47e-003	1.71e-002	-1.95e-003	4.71e-003
75	31	8.65e-004	-3.43e-002	-4.59e-003	2.26e-002	-7.16e-002	-1.98e-002
	32	8.65e-004	-4.32e-002	-3.71e-003	5.44e-003	-6.39e-002	-2.02e-003
	696	-1.31e-003	-4.14e-002	1.63e-003	3.09e-002	-2.60e-002	3.87e-003
76	31	-2.81e-002	2.00e-002	-2.16e-003	-5.81e-002	-1.08e-002	-2.85e-002
	696	-2.81e-002	-4.98e-003	-6.97e-003	-2.96e-003	-1.09e-002	-1.89e-002
	33	-2.37e-002	2.43e-003	1.65e-004	-1.49e-002	1.86e-002	-2.18e-002
238	686	1.59e-004	-3.17e-005	4.04e-005	-0.74	0.79	-0.55
	685	1.59e-004	-6.30e-005	2.20e-004	0.15	1.46	-0.70
	664	3.17e-004	-6.30e-005	2.87e-004	0.31	-3.81e-002	-0.41
	675	3.17e-004	-3.17e-005	1.07e-004	-1.09	-0.22	-0.27
239	641	2.62e-004	1.54e-005	-3.45e-005	0.11	1.25	-0.60
	638	2.62e-004	-8.42e-005	-7.33e-005	1.29	1.03	-1.29
	685	1.59e-004	-8.42e-005	-5.93e-005	0.33	1.33	-1.23
	686	1.59e-004	1.54e-005	-2.05e-005	-0.48	0.99	-0.53
240	684	3.69e-004	-3.13e-005	-5.59e-005	-0.77	0.64	4.60e-002
	686	3.69e-004	-3.17e-005	3.25e-005	-0.74	0.63	-0.14
	675	8.16e-004	-3.17e-005	5.11e-005	-0.87	-0.23	-0.14
	673	8.16e-004	-3.13e-005	-3.73e-005	-0.89	-0.23	4.25e-002
241	640	2.29e-004	2.30e-005	-1.55e-005	0.16	1.24	0.30
	641	2.29e-004	1.54e-005	-3.07e-005	0.17	1.22	-0.34
	686	3.69e-004	1.54e-005	-2.84e-005	-0.54	0.90	-0.36
	684	3.69e-004	2.30e-005	-1.32e-005	-0.55	0.92	0.28
242	644	1.99e-004	-4.14e-005	-2.74e-004	9.41e-002	1.52	0.63
	684	1.99e-004	-3.13e-005	-5.80e-005	-0.78	0.82	0.47
	673	4.25e-004	-3.13e-005	-9.65e-005	-1.15	-0.23	0.17
	661	4.25e-004	-4.14e-005	-3.13e-004	0.26	-3.99e-002	0.33
243	637	2.48e-004	-7.91e-005	1.09e-005	1.28	1.08	1.27

	640	2.48e-004	2.30e-005	-1.04e-005	9.14e-002	1.29	0.56
	684	1.99e-004	2.30e-005	-1.53e-005	-0.52	1.01	0.46
	644	1.99e-004	-7.91e-005	5.99e-006	0.30	1.40	1.18
244	682	2.57e-004	-1.31e-005	-2.73e-005	1.04	0.41	2.72e-002
	689	2.57e-004	3.78e-005	-4.46e-005	1.70	-0.18	-0.31
	638	2.62e-004	3.78e-005	-5.29e-005	1.13	6.36e-002	-1.01
	641	2.62e-004	-1.31e-005	-3.56e-005	0.74	0.55	-0.67
245	635	2.27e-004	-6.75e-005	-9.32e-005	0.66	1.10	0.82
	632	2.27e-004	-8.65e-007	-4.31e-005	1.29	0.47	1.14
	689	2.57e-004	-8.65e-007	9.91e-006	1.68	-0.17	0.33
	682	2.57e-004	-6.75e-005	-4.02e-005	1.09	0.44	1.50e-002
246	643	2.30e-004	-7.95e-006	7.58e-007	0.93	0.56	0.20
	682	2.30e-004	-1.31e-005	-2.09e-005	0.93	0.56	-0.19
	641	2.29e-004	-1.31e-005	-3.18e-005	0.43	0.62	-0.21
	640	2.29e-004	-7.95e-006	-1.02e-005	0.42	0.64	0.18
247	634	1.42e-004	-6.24e-005	3.86e-005	0.24	1.16	-0.24
	635	1.42e-004	-6.75e-005	-2.21e-005	0.25	1.15	0.27
	682	2.30e-004	-6.75e-005	-3.38e-005	0.91	0.64	0.26
	643	2.30e-004	-6.24e-005	2.69e-005	0.90	0.65	-0.25
248	691	2.19e-004	5.31e-005	1.83e-005	1.68	-0.15	0.31
	643	2.19e-004	-7.95e-006	8.47e-006	1.02	0.42	-2.50e-002
	640	2.48e-004	-7.95e-006	-5.03e-006	0.73	0.58	0.65
	637	2.48e-004	5.31e-005	4.82e-006	1.12	0.11	0.99
249	631	2.16e-004	8.14e-006	6.89e-005	1.25	0.49	-1.12
	634	2.16e-004	-6.24e-005	1.06e-004	0.64	1.11	-0.79
	643	2.19e-004	-6.24e-005	3.46e-005	1.08	0.46	-2.21e-003
	691	2.19e-004	8.14e-006	-2.00e-006	1.65	-0.14	-0.33
250	693	-1.36e-004	-5.85e-005	6.72e-005	-0.82	1.80	0.49
	687	-1.36e-004	-2.35e-004	1.86e-004	0.41	2.41	1.34
	632	2.27e-004	-2.35e-004	5.44e-005	1.58	1.85	1.53
	635	2.27e-004	-5.85e-005	-6.46e-005	-0.12	2.12	0.69
251	671	-1.73e-004	-6.09e-005	1.31e-005	-1.32	-2.45e-002	8.11e-002
	652	-1.73e-004	-1.59e-004	-1.84e-004	0.34	0.18	0.13
	687	-1.36e-004	-1.59e-004	-1.39e-004	0.15	2.59	0.56
	693	-1.36e-004	-6.09e-005	5.82e-005	-1.07	1.49	0.51
252	692	7.38e-005	-5.30e-005	5.64e-006	-0.83	1.66	-0.34
	693	7.38e-005	-5.85e-005	-3.45e-007	-0.82	1.67	0.36
	635	1.42e-004	-5.85e-005	6.56e-006	-3.80e-002	2.02	0.36
	634	1.42e-004	-5.30e-005	1.25e-005	-5.63e-002	2.02	-0.34
253	669	3.03e-004	-6.19e-005	-1.35e-005	-1.09	-4.95e-002	-2.63e-002
	671	3.03e-004	-6.09e-005	-2.00e-005	-1.06	-4.12e-002	1.99e-002
	693	7.38e-005	-6.09e-005	-9.31e-006	-1.04	1.23	2.47e-002
	692	7.38e-005	-6.19e-005	-2.75e-006	-1.05	1.22	-2.15e-002
254	683	-9.21e-005	-2.30e-004	-1.62e-004	0.36	2.38	-1.32
	692	-9.21e-005	-5.30e-005	-6.80e-005	-0.84	1.78	-0.48
	634	2.16e-004	-5.30e-005	7.95e-005	-0.13	2.11	-0.66
	631	2.16e-004	-2.30e-004	-1.47e-005	1.52	1.84	-1.50
255	649	-7.65e-005	-1.48e-004	1.84e-004	0.27	0.16	-0.14
	669	-7.65e-005	-6.19e-005	-4.02e-005	-1.32	-3.22e-002	-9.05e-002
	692	-9.21e-005	-6.19e-005	-7.64e-005	-1.09	1.46	-0.51
	683	-9.21e-005	-1.48e-004	1.48e-004	0.10	2.54	-0.56
256	690	1.99e-004	2.15e-004	4.94e-005	1.94	-1.13	0.28
	691	1.99e-004	5.31e-005	3.88e-005	1.78	-0.56	0.34
	637	2.88e-005	5.31e-005	4.37e-005	1.91	6.20e-002	1.06
	639	2.88e-005	2.15e-004	5.43e-005	2.01	-0.36	0.99
257	633	-8.18e-005	1.69e-004	1.64e-004	2.68	-0.19	-0.75
	631	-8.18e-005	8.14e-006	4.39e-005	2.36	0.46	-1.14
	691	1.99e-004	8.14e-006	1.85e-005	1.95	-0.65	-0.27
	690	1.99e-004	1.69e-004	1.38e-004	1.98	-1.23	0.12
258	91	6.12e-005	8.43e-004	-2.64e-005	-9.48e-003	-1.43	0.39

	690	6.12e-005	2.15e-004	5.17e-005	1.52	-1.38	0.56
	639	9.01e-005	2.15e-004	-1.86e-004	1.93	-0.50	0.60
	95	9.01e-005	8.43e-004	-2.64e-004	7.02e-002	-0.50	0.43
259	87	1.35e-004	9.41e-004	3.88e-004	0.12	-0.52	0.22
	633	1.35e-004	1.69e-004	4.71e-004	2.60	-0.44	-0.15
	690	6.12e-005	1.69e-004	1.41e-004	1.68	-1.48	-2.23e-002
	91	6.12e-005	9.41e-004	5.80e-005	-3.26e-002	-1.58	0.35
260	688	9.95e-005	2.74e-004	-5.57e-005	1.54	-1.44	-0.60
	626	9.95e-005	1.09e-003	2.95e-005	5.06e-003	-1.50	-0.45
	680	1.27e-004	1.09e-003	3.07e-004	8.57e-002	-0.54	-0.50
	642	1.27e-004	2.74e-004	2.21e-004	1.90	-0.54	-0.65
261	636	1.96e-004	2.17e-004	-5.47e-004	2.63	-0.46	0.14
	72	1.96e-004	1.18e-003	-4.55e-004	0.16	-0.52	-0.24
	626	9.95e-005	1.18e-003	-7.27e-005	-2.99e-002	-1.72	-0.40
	688	9.95e-005	2.17e-004	-1.65e-004	1.72	-1.56	-1.61e-002
262	689	2.46e-004	3.78e-005	-6.82e-005	1.80	-0.59	-0.36
	688	2.46e-004	2.74e-004	-5.60e-005	1.97	-1.18	-0.31
	642	4.88e-005	2.74e-004	-6.01e-005	1.99	-0.40	-1.03
	638	4.88e-005	3.78e-005	-7.23e-005	1.91	1.07e-002	-1.08
263	632	-8.42e-005	-8.65e-007	-2.25e-005	2.43	0.45	1.16
	636	-8.42e-005	2.17e-004	-1.74e-004	2.75	-0.20	0.75
	688	2.46e-004	2.17e-004	-1.65e-004	2.01	-1.30	-0.15
	689	2.46e-004	-8.65e-007	-1.37e-005	1.99	-0.70	0.26
264	4	-2.26e-003	8.04e-005	-4.99e-004	7.29	5.61	0.75
	79	-2.26e-003	2.79e-005	1.83e-004	-1.86	3.57	5.91e-002
	72	1.96e-004	2.79e-005	-3.52e-004	0.67	0.48	7.52e-002
	636	1.96e-004	8.04e-005	-1.03e-003	3.06	-1.58	0.77
265	651	-1.81e-003	-7.90e-004	1.26e-003	5.82	-0.66	1.40
	655	-1.81e-003	-1.76e-004	1.39e-004	0.19	0.43	1.22
	79	-2.26e-003	-1.76e-004	8.70e-005	-1.84	3.96	0.66
	4	-2.26e-003	-7.90e-004	1.21e-003	7.58	6.60	0.84
266	687	7.46e-004	-2.35e-004	-2.70e-005	0.14	3.30	1.53
	4	7.46e-004	8.04e-005	-7.63e-004	6.41	5.48	1.26
	636	-8.42e-005	8.04e-005	-6.61e-004	3.48	-1.17	1.00
	632	-8.42e-005	-2.35e-004	7.50e-005	2.40	1.42	1.28
267	652	-1.84e-003	-1.59e-004	-5.79e-006	1.30	0.65	0.19
	651	-1.84e-003	-7.90e-004	1.29e-003	5.53	-0.55	6.11e-002
	4	7.46e-004	-7.90e-004	9.42e-004	6.77	6.40	0.86
	687	7.46e-004	-1.59e-004	-3.52e-004	-0.13	3.01	9.96e-001
268	14	-1.13e-003	-5.60e-004	-4.94e-004	4.74	4.03	-0.95
	677	-1.13e-003	-1.97e-004	-3.57e-005	-1.02	2.59	-0.72
	667	-1.11e-003	-1.97e-004	2.66e-005	0.33	0.37	-0.96
	663	-1.11e-003	-5.60e-004	-4.31e-004	3.72	-0.41	-1.20
269	642	1.27e-004	1.99e-004	5.32e-004	2.08	-1.11	-1.06
	680	1.27e-004	-7.27e-005	2.80e-004	0.42	0.10	-0.66
	677	-1.13e-003	-7.27e-005	-2.40e-005	-9.96e-001	2.42	-0.50
	14	-1.13e-003	1.99e-004	2.28e-004	4.48	3.38	-0.90
270	685	3.70e-004	-6.30e-005	4.03e-004	1.32e-002	1.74	-1.03
	14	3.70e-004	-5.60e-004	-2.54e-004	4.39	3.92	-0.98
	663	-9.93e-004	-5.60e-004	-4.42e-004	3.77	-0.45	-0.44
	664	-9.93e-004	-6.30e-005	2.15e-004	0.70	0.27	-0.50
271	638	4.88e-005	-8.42e-005	-9.28e-005	1.72	0.71	-1.23
	642	4.88e-005	1.99e-004	2.51e-004	2.43	-0.86	-1.13
	14	3.70e-004	1.99e-004	4.67e-004	4.15	3.25	-1.28
	685	3.70e-004	-8.42e-005	1.24e-004	0.24	1.93	-1.38
272	1	8.06e-004	1.08e-004	7.32e-004	6.24	5.34	-1.26
	683	8.06e-004	-2.30e-004	8.00e-005	0.10	3.24	-1.52
	631	-8.18e-005	-2.30e-004	-3.97e-005	2.31	1.42	-1.26
	633	-8.18e-005	1.08e-004	6.12e-004	3.39	-1.09	-1.01
273	645	-1.69e-003	-8.46e-004	-1.34e-003	5.38	-0.59	-8.71e-002

	649	-1.69e-003	-1.48e-004	1.04e-005	1.22	0.62	-0.21
	683	8.06e-004	-1.48e-004	3.91e-004	-0.18	2.94	-1.00
	1	8.06e-004	-8.46e-004	-9.57e-004	6.59	6.30	-0.88
274	83	-2.09e-003	8.72e-005	-1.34e-004	-1.62	3.71	1.49e-003
	1	-2.09e-003	1.08e-004	4.02e-004	7.06	5.50	-0.72
	633	1.35e-004	1.08e-004	9.20e-004	3.04	-1.51	-0.78
	87	1.35e-004	8.72e-005	3.84e-004	0.63	0.37	-5.47e-002
275	648	-1.61e-003	-2.78e-004	-1.50e-004	0.18	0.41	-1.26
	645	-1.61e-003	-8.46e-004	-1.33e-003	5.81	-0.69	-1.41
	1	-2.09e-003	-8.46e-004	-1.29e-003	7.45	6.46	-0.79
	83	-2.09e-003	-2.78e-004	-1.06e-004	-1.67	3.67	-0.64
276	11	4.47e-004	-6.82e-004	2.44e-004	4.51	4.11	0.95
	644	4.47e-004	-4.14e-005	-5.03e-004	-5.55e-002	1.83	0.98
	661	-8.53e-004	-4.14e-005	-2.41e-004	0.66	0.27	0.43
	657	-8.53e-004	-6.82e-004	5.05e-004	3.85	-0.49	0.39
277	639	2.88e-005	2.58e-004	-2.38e-004	2.46	-0.83	1.09
	637	2.88e-005	-7.91e-005	4.98e-005	1.73	0.77	1.19
	644	4.47e-004	-7.91e-005	-2.23e-004	0.20	2.01	1.35
	11	4.47e-004	2.58e-004	-5.11e-004	4.26	3.35	1.25
278	629	-1.10e-003	-3.26e-004	9.24e-005	-0.99	2.51	0.68
	11	-1.10e-003	-6.82e-004	6.17e-004	4.92	4.21	0.88
	657	-9.66e-004	-6.82e-004	5.14e-004	3.90	-0.47	1.19
	658	-9.66e-004	-3.26e-004	-1.01e-005	0.32	0.36	9.99e-001
279	95	9.01e-005	-1.03e-004	-2.71e-004	0.44	0.17	0.56
	639	9.01e-005	2.58e-004	-4.78e-004	2.13	-1.09	1.01
	11	-1.10e-003	2.58e-004	-1.38e-004	4.61	3.50	0.83
	629	-1.10e-003	-1.03e-004	7.01e-005	-0.92	2.52	0.38
280	630	6.62e-004	-4.96e-003	-3.35e-006	7.01e-002	-4.15e-003	-9.83e-003
	660	6.62e-004	-5.21e-003	2.70e-004	0.24	1.63e-002	-1.95e-002
	76	1.70e-004	-5.21e-003	-7.12e-005	0.19	1.06e-002	-1.78e-002
	75	1.70e-004	-4.96e-003	-3.45e-004	8.33e-002	2.96e-002	-8.14e-003
281	629	-3.26e-004	-5.26e-003	-3.18e-004	-5.28e-002	-0.64	-0.12
	658	-3.26e-004	-2.69e-003	-4.50e-004	5.37e-002	-0.57	-3.56e-002
	660	6.62e-004	-2.69e-003	-3.88e-005	0.26	-1.67e-002	1.20e-002
	630	6.62e-004	-5.26e-003	9.26e-005	7.58e-002	1.08e-002	-7.06e-002
282	628	3.56e-004	-4.87e-003	-4.75e-005	-8.15e-002	-8.22e-002	-3.91e-002
	630	3.56e-004	-4.96e-003	-1.13e-004	2.35e-002	-2.97e-002	-2.16e-002
	75	-3.69e-004	-4.96e-003	-4.23e-004	4.67e-002	3.40e-002	-2.75e-003
	80	-3.69e-004	-4.87e-003	-3.57e-004	-5.75e-002	5.87e-002	-2.03e-002
283	95	-1.03e-004	-5.00e-003	1.02e-003	3.33e-002	-0.45	-4.21e-002
	629	-1.03e-004	-5.26e-003	2.12e-004	-6.19e-002	-0.62	-6.71e-002
	630	3.56e-004	-5.26e-003	-1.74e-005	8.29e-004	-3.31e-002	-7.34e-002
	628	3.56e-004	-5.00e-003	7.88e-004	-9.03e-002	-0.19	-4.83e-002
284	94	-2.51e-004	-5.07e-003	7.48e-005	-7.23e-002	-0.11	-1.32e-002
	628	-2.51e-004	-4.87e-003	2.59e-005	-5.97e-002	-8.54e-002	-3.56e-002
	80	-7.02e-004	-4.87e-003	-2.95e-004	-6.53e-002	4.22e-002	-3.33e-002
	92	-7.02e-004	-5.07e-003	-2.46e-004	-0.12	6.24e-002	-1.09e-002
285	91	8.43e-004	-4.62e-003	1.34e-004	2.64e-004	-0.41	-2.20e-002
	95	8.43e-004	-5.00e-003	8.64e-004	-2.77e-002	-0.42	-7.17e-002
	628	-2.51e-004	-5.00e-003	8.61e-004	-6.01e-002	-0.22	-5.98e-002
	94	-2.51e-004	-4.62e-003	1.31e-004	-7.13e-002	-0.25	-1.01e-002
286	90	-9.13e-005	-7.45e-003	2.04e-005	-8.10e-002	-4.75e-002	4.35e-002
	94	-9.13e-005	-5.07e-003	-2.47e-004	-0.11	-0.10	2.14e-002
	92	-9.07e-004	-5.07e-003	1.25e-004	-0.13	7.85e-002	-4.12e-002
	96	-9.07e-004	-7.45e-003	3.92e-004	-0.11	0.13	-1.92e-002
287	87	9.41e-004	-7.73e-003	-1.08e-003	-6.69e-002	-0.58	2.31e-002
	91	9.41e-004	-4.62e-003	-1.57e-004	3.71e-002	-0.43	-5.13e-002
	94	-9.13e-005	-4.62e-003	-1.90e-004	-5.15e-002	-0.27	4.60e-003
	90	-9.13e-005	-7.73e-003	-1.11e-003	-0.13	-0.23	7.91e-002
288	86	6.12e-004	-1.00e-002	2.60e-004	7.15e-003	4.47e-002	9.45e-003

	90	6.12e-004	-7.45e-003	2.17e-004	-0.17	-3.40e-002	3.93e-002
	96	-7.22e-004	-7.45e-003	4.39e-004	-0.11	0.18	-3.12e-002
	84	-7.22e-004	-1.00e-002	4.82e-004	2.42e-002	0.21	-6.10e-002
289	83	8.72e-005	-9.67e-003	-2.64e-004	-0.14	-0.99	3.90e-002
	87	8.72e-005	-7.73e-003	-1.35e-003	2.52e-002	-0.66	-4.89e-003
	90	6.12e-004	-7.73e-003	-9.16e-004	-0.15	-0.20	4.74e-002
	86	6.12e-004	-9.67e-003	1.69e-004	-6.54e-002	3.88e-002	9.12e-002
290	646	8.99e-004	-1.22e-002	-8.59e-004	0.33	0.10	-1.77e-002
	86	8.99e-004	-1.00e-002	-3.14e-004	5.87e-002	8.32e-002	-1.70e-002
	84	-4.41e-005	-1.00e-002	2.85e-004	0.11	0.22	-4.62e-002
	88	-4.41e-005	-1.22e-002	-2.61e-004	0.28	0.23	-4.69e-002
291	648	-2.78e-004	-6.28e-003	6.26e-004	3.74e-002	-0.95	1.72e-002
	83	-2.78e-004	-9.67e-003	4.86e-004	-0.12	-1.05	0.15
	86	8.99e-004	-9.67e-003	-4.04e-004	8.59e-002	0.11	7.43e-002
	646	8.99e-004	-6.28e-003	-2.65e-004	0.37	7.72e-002	-5.77e-002
292	82	9.97e-004	-8.60e-003	2.29e-004	-7.90e-002	4.32e-002	7.06e-003
	656	9.97e-004	-1.20e-002	7.12e-004	0.16	6.66e-002	1.91e-002
	125	-2.13e-004	-1.20e-002	5.88e-004	0.19	0.26	6.75e-002
	129	-2.13e-004	-8.60e-003	1.05e-004	-7.85e-002	0.19	5.55e-002
293	79	-1.76e-004	-1.11e-002	-7.28e-004	-0.18	-0.83	-0.10
	655	-1.76e-004	-6.50e-003	-4.25e-004	7.65e-002	-0.84	-9.43e-002
	656	9.97e-004	-6.50e-003	2.49e-004	0.12	-1.95e-002	-7.44e-003
	82	9.97e-004	-1.03e-002	2.72e-004	-0.18	-7.80e-002	-0.22
294	78	3.85e-004	-5.89e-003	4.90e-004	-0.12	-0.13	-3.46e-002
	82	3.85e-004	-8.60e-003	2.24e-004	-0.10	2.40e-003	-4.06e-002
	129	-5.81e-004	-8.60e-003	-2.93e-005	-8.38e-002	0.14	5.12e-002
	133	-5.81e-004	-5.89e-003	2.36e-004	-0.14	7.41e-002	5.72e-002
295	626	1.18e-003	-4.99e-003	1.90e-004	3.26e-002	-0.44	5.98e-002
	72	1.18e-003	-8.79e-003	1.28e-003	-0.11	-0.53	-3.16e-002
	82	3.85e-004	-8.86e-003	1.52e-003	-0.19	-0.28	-5.24e-002
	78	3.85e-004	-4.99e-003	3.22e-004	-5.12e-002	-0.30	-8.26e-003
296	71	1.35e-004	-5.08e-003	-5.31e-004	-5.87e-002	-6.89e-002	3.97e-002
	78	1.35e-004	-5.89e-003	-7.31e-005	-7.89e-002	-0.13	2.38e-002
	133	-2.67e-004	-5.89e-003	2.21e-004	-0.14	4.66e-002	1.00e-002
	140	-2.67e-004	-5.08e-003	-2.38e-004	-3.02e-002	1.18e-002	2.59e-002
297	680	1.09e-003	-5.26e-003	-1.00e-003	-5.39e-002	-0.39	9.29e-002
	626	1.09e-003	-4.99e-003	-1.30e-004	-2.60e-003	-0.42	2.98e-002
	78	1.35e-004	-4.99e-003	-2.41e-004	-6.74e-002	-0.27	2.05e-002
	71	1.35e-004	-5.32e-003	-1.24e-003	-8.96e-002	-0.23	5.34e-002
298	668	7.30e-004	-4.19e-003	-3.54e-004	0.14	-3.37e-002	1.39e-002
	71	7.30e-004	-5.08e-003	-4.68e-004	-2.69e-002	-5.08e-002	1.94e-002
	140	8.24e-005	-5.08e-003	-4.85e-004	-1.42e-002	2.75e-002	6.28e-003
	144	8.24e-005	-4.19e-003	-3.71e-004	0.14	3.50e-002	7.70e-004
299	667	-1.97e-004	-2.34e-003	2.95e-004	6.01e-002	-0.50	7.76e-002
	677	-1.97e-004	-6.13e-003	2.78e-004	-7.62e-002	-0.50	0.10
	71	7.30e-004	-5.63e-003	-4.26e-004	-8.79e-002	-0.11	0.15
	668	7.30e-004	-2.34e-003	-1.52e-004	0.13	-6.24e-002	2.12e-002
300	676	5.35e-004	-4.87e-003	3.87e-004	-4.98e-002	-0.14	-1.18e-002
	666	5.35e-004	-5.08e-003	4.27e-004	-3.10e-002	-0.12	-3.67e-003
	165	4.61e-004	-5.08e-003	4.63e-005	-8.19e-003	-2.96e-002	1.52e-002
	161	4.61e-004	-4.87e-003	5.88e-006	-4.83e-002	-3.30e-002	7.07e-003
301	675	3.17e-004	-4.28e-003	4.46e-004	1.72e-002	-0.38	-2.60e-002
	664	3.17e-004	-5.68e-003	9.23e-004	-1.56e-002	-0.38	-5.39e-002
	666	5.35e-004	-5.68e-003	1.05e-003	-3.28e-002	-0.20	-3.46e-002
	676	5.35e-004	-4.28e-003	5.76e-004	-4.10e-002	-0.22	-6.73e-003
302	674	1.95e-004	-5.04e-003	1.94e-005	-5.25e-002	-0.14	-2.01e-003
	676	1.95e-004	-4.87e-003	1.20e-004	-5.32e-002	-0.14	7.06e-004
	161	4.27e-004	-4.87e-003	1.18e-004	-4.42e-002	-3.62e-002	-3.61e-003
	156	4.27e-004	-5.04e-003	1.80e-005	-5.33e-002	-3.09e-002	-6.33e-003
303	673	8.16e-004	-4.41e-003	-2.17e-004	-2.75e-002	-0.40	3.82e-003

	675	8.16e-004	-4.28e-003	2.75e-004	-2.77e-002	-0.39	-1.31e-002
	676	1.95e-004	-4.28e-003	3.08e-004	-4.71e-002	-0.22	-9.58e-003
	674	1.95e-004	-4.41e-003	-1.84e-004	-5.37e-002	-0.22	7.31e-003
304	662	5.79e-004	-5.60e-003	-3.14e-004	-3.90e-002	-0.12	5.14e-003
	674	5.79e-004	-5.04e-003	-2.67e-004	-5.81e-002	-0.14	1.12e-002
	156	4.24e-004	-5.04e-003	1.16e-004	-5.07e-002	-2.38e-002	-1.63e-002
	152	4.24e-004	-5.60e-003	6.84e-005	-2.80e-002	-1.04e-002	-2.24e-002
305	661	4.25e-004	-6.09e-003	-9.13e-004	-1.92e-002	-0.40	4.81e-002
	673	4.25e-004	-4.41e-003	-3.95e-004	1.67e-002	-0.39	1.69e-002
	674	5.79e-004	-4.41e-003	-4.70e-004	-4.03e-002	-0.22	4.87e-003
	662	5.79e-004	-6.09e-003	-9.87e-004	-4.64e-002	-0.20	3.61e-002
306	672	2.41e-005	-3.62e-003	-4.27e-004	7.77e-002	4.49e-002	2.64e-002
	654	2.41e-005	-6.77e-003	-1.02e-003	3.85e-002	2.16e-002	3.56e-002
	117	1.85e-003	-6.77e-003	-2.42e-003	5.62e-002	-0.10	7.15e-003
	113	1.85e-003	-3.62e-003	-1.83e-003	8.79e-002	-8.21e-002	-2.11e-003
307	671	-1.73e-004	-4.68e-003	2.56e-004	-2.10e-002	0.31	1.82e-003
	652	-1.73e-004	-8.24e-003	5.65e-004	-3.18e-003	0.36	4.36e-002
	654	2.41e-005	-8.24e-003	2.94e-004	5.14e-002	0.15	6.20e-002
	672	2.41e-005	-4.68e-003	-1.52e-005	3.71e-002	0.17	2.02e-002
308	670	-6.57e-004	-3.69e-003	4.83e-004	6.66e-002	4.95e-002	-1.59e-002
	672	-6.57e-004	-3.62e-003	-3.02e-004	6.83e-002	4.84e-002	3.23e-003
	113	7.65e-004	-3.62e-003	-2.92e-004	0.10	-7.32e-002	3.20e-003
	108	7.65e-004	-3.69e-003	4.94e-004	0.10	-7.42e-002	-1.59e-002
309	669	3.03e-004	-4.69e-003	1.87e-005	2.44e-002	0.32	-1.24e-002
	671	3.03e-004	-4.68e-003	6.32e-005	2.70e-002	0.31	9.47e-003
	672	-6.57e-004	-4.68e-003	1.09e-004	5.45e-002	0.16	5.62e-003
	670	-6.57e-004	-4.69e-003	6.46e-005	5.60e-002	0.17	-1.63e-002
310	650	4.52e-005	-6.94e-003	1.18e-003	3.87e-002	2.79e-002	-4.68e-002
	670	4.52e-005	-3.69e-003	5.88e-004	7.87e-002	4.76e-002	-3.90e-002
	108	1.85e-003	-3.69e-003	1.95e-003	8.32e-002	-8.50e-002	-9.32e-003
	104	1.85e-003	-6.94e-003	2.54e-003	5.73e-002	-0.10	-1.70e-002
311	649	-7.65e-005	-8.24e-003	-4.96e-004	-2.38e-003	0.38	-4.70e-002
	669	-7.65e-005	-4.69e-003	-1.73e-004	-1.90e-002	0.32	-5.48e-003
	670	4.52e-005	-4.69e-003	1.69e-004	3.57e-002	0.17	-3.02e-002
	650	4.52e-005	-8.24e-003	-1.54e-004	5.50e-002	0.16	-7.17e-002
312	665	1.08e-003	-4.72e-003	-8.20e-004	6.33e-002	-3.57e-002	1.05e-002
	668	1.08e-003	-4.19e-003	-5.71e-004	0.26	3.07e-002	-1.04e-002
	144	3.02e-004	-4.19e-003	-2.25e-004	0.17	-7.06e-002	1.21e-002
	17	3.02e-004	-4.72e-003	-4.75e-004	8.65e-002	-3.12e-002	3.31e-002
313	663	-1.11e-003	-6.29e-003	-6.95e-004	-4.61e-002	-0.47	-0.13
	667	-1.11e-003	-2.34e-003	-9.53e-004	0.16	-0.25	-6.79e-002
	668	1.08e-003	-2.34e-003	-1.05e-003	0.23	-0.13	1.09e-002
	665	1.08e-003	-6.29e-003	-7.96e-004	6.82e-002	-1.68e-002	-5.11e-002
314	666	9.45e-004	-5.08e-003	5.90e-005	-2.74e-002	-0.11	-6.19e-003
	665	9.45e-004	-4.72e-003	-4.16e-004	2.17e-002	-6.84e-002	1.11e-002
	17	3.20e-004	-4.72e-003	-4.41e-004	6.10e-002	-2.67e-002	3.81e-002
	165	3.20e-004	-5.08e-003	3.39e-005	-9.04e-003	-2.15e-002	2.08e-002
315	664	-9.93e-004	-5.68e-003	1.07e-003	2.74e-002	-0.39	-4.62e-002
	663	-9.93e-004	-6.29e-003	-3.19e-006	1.38e-002	-0.48	-5.95e-002
	665	9.45e-004	-6.29e-003	-3.92e-004	3.16e-002	-5.68e-002	-4.19e-002
	666	9.45e-004	-5.68e-003	6.84e-004	-3.02e-002	-0.17	-2.87e-002
316	659	9.92e-004	-5.54e-003	3.81e-004	4.19e-003	-6.59e-002	-1.07e-002
	662	9.92e-004	-5.60e-003	2.19e-005	-4.34e-002	-0.10	7.82e-003
	152	2.78e-004	-5.60e-003	3.08e-005	-1.74e-002	2.40e-003	-2.55e-002
	148	2.78e-004	-5.54e-003	3.90e-004	3.98e-002	4.32e-003	-4.40e-002
317	657	-8.53e-004	-6.86e-003	-3.78e-005	-1.76e-003	-0.52	5.59e-002
	661	-8.53e-004	-6.09e-003	-1.08e-003	1.62e-002	-0.41	4.13e-002
	662	9.92e-004	-6.09e-003	-6.51e-004	-4.04e-002	-0.18	2.96e-002
	659	9.92e-004	-6.86e-003	3.88e-004	1.12e-002	-5.41e-002	4.42e-002
318	660	9.97e-004	-5.21e-003	3.32e-004	0.23	2.78e-002	-2.72e-003

	659	9.97e-004	-5.54e-003	6.33e-004	4.72e-002	-3.59e-002	-1.24e-002
	148	2.81e-004	-5.54e-003	2.73e-004	8.02e-002	4.84e-003	-3.83e-002
	76	2.81e-004	-5.21e-003	-2.82e-005	0.16	-2.79e-002	-2.86e-002
319	658	-9.66e-004	-2.69e-003	1.10e-003	0.16	-0.32	7.85e-002
	657	-9.66e-004	-6.86e-003	6.87e-004	-6.63e-002	-0.51	0.13
	659	9.97e-004	-6.86e-003	6.40e-004	4.22e-002	-1.10e-002	4.75e-002
	660	9.97e-004	-2.69e-003	1.06e-003	0.21	-0.10	-5.66e-003
320	653	1.60e-003	-9.61e-003	-2.91e-003	-4.98e-002	-7.03e-002	4.21e-002
	656	1.60e-003	-1.20e-002	-1.76e-003	-0.40	-0.22	7.51e-002
	125	1.58e-003	-1.20e-002	-1.24e-003	-0.21	2.86e-002	5.53e-002
	121	1.58e-003	-9.61e-003	-2.38e-003	-0.13	-0.10	2.22e-002
321	651	-1.81e-003	-1.11e-002	-1.93e-003	0.10	0.65	0.17
	655	-1.81e-003	-6.50e-003	-1.72e-003	-0.29	0.32	9.21e-002
	656	1.60e-003	-6.50e-003	-2.59e-003	-0.31	0.17	3.87e-002
	653	1.60e-003	-1.11e-002	-2.80e-003	-0.12	-8.66e-002	0.12
322	654	1.06e-003	-6.77e-003	-1.88e-003	6.32e-002	1.29e-002	4.08e-002
	653	1.06e-003	-9.61e-003	-2.37e-003	-3.18e-002	-2.46e-002	2.59e-002
	121	1.19e-003	-9.61e-003	-3.14e-003	-5.40e-002	-0.11	-1.59e-003
	117	1.19e-003	-6.77e-003	-2.64e-003	3.58e-002	-0.12	1.33e-002
323	652	-1.84e-003	-8.24e-003	8.03e-004	-2.07e-002	0.41	1.69e-002
	651	-1.84e-003	-1.11e-002	-8.97e-004	-5.53e-002	0.64	4.37e-002
	653	1.06e-003	-1.11e-002	-2.26e-003	-3.43e-002	-4.46e-002	8.98e-002
	654	1.06e-003	-8.24e-003	-5.62e-004	3.87e-002	0.12	6.30e-002
324	647	1.04e-003	-9.86e-003	2.26e-003	-2.25e-002	-1.39e-002	-3.08e-002
	650	1.04e-003	-6.94e-003	1.98e-003	6.58e-002	2.12e-002	-5.17e-002
	104	1.21e-003	-6.94e-003	2.68e-003	2.85e-002	-0.13	-2.12e-002
	100	1.21e-003	-9.86e-003	2.97e-003	-5.49e-002	-0.13	-3.32e-004
325	645	-1.69e-003	-1.11e-002	8.40e-004	-4.77e-002	0.65	-4.80e-002
	649	-1.69e-003	-8.24e-003	-7.36e-004	-9.34e-003	0.42	-2.22e-002
	650	1.04e-003	-8.24e-003	6.47e-004	4.11e-002	0.13	-7.05e-002
	647	1.04e-003	-1.11e-002	2.22e-003	-2.08e-002	-3.30e-002	-0.10
326	646	1.38e-003	-1.22e-002	1.51e-003	-0.35	-0.19	-5.07e-002
	647	1.38e-003	-9.86e-003	2.60e-003	-4.58e-002	-5.36e-002	-4.07e-002
	100	1.59e-003	-9.86e-003	2.09e-003	-0.13	-0.12	-1.81e-002
	88	1.59e-003	-1.22e-002	1.01e-003	-0.24	-1.53e-002	-2.81e-002
327	648	-1.61e-003	-6.28e-003	1.95e-003	-0.29	0.40	-0.11
	645	-1.61e-003	-1.11e-002	1.87e-003	0.12	0.67	-0.17
	647	1.38e-003	-1.11e-002	2.56e-003	-8.54e-002	-7.92e-002	-0.11
	646	1.38e-003	-6.28e-003	2.64e-003	-0.28	0.11	-4.70e-002
328	51	2.37e-004	-1.60e-004	-3.83e-004	2.66e-002	5.05e-003	-5.40e-002
	159	2.37e-004	-5.78e-005	-3.50e-004	2.03e-002	-4.63e-003	-3.67e-002
	142	4.38e-005	-5.78e-005	8.10e-005	5.84e-002	3.39e-002	-5.03e-002
	53	4.38e-005	-1.60e-004	4.75e-005	4.65e-002	4.04e-002	-6.76e-002
329	43	1.97e-005	-2.21e-006	-5.67e-004	1.99e-002	-2.14e-003	-3.66e-002
	154	1.97e-005	1.28e-004	-2.36e-004	-4.51e-003	-3.39e-002	-3.14e-002
	159	2.37e-004	1.28e-004	-3.59e-004	2.32e-002	3.25e-002	-4.08e-002
	51	2.37e-004	-2.21e-006	-6.89e-004	9.87e-003	1.19e-002	-4.61e-002
330	128	-1.54e-004	-7.04e-005	-7.05e-004	1.41e-002	4.31e-003	-3.15e-002
	363	-1.54e-004	5.13e-004	-3.46e-004	-8.71e-003	-3.32e-002	-2.86e-002
	154	1.97e-005	5.13e-004	-2.41e-004	1.82e-002	4.13e-002	-3.09e-002
	43	1.97e-005	-7.04e-005	-6.00e-004	-3.03e-003	6.63e-003	-3.38e-002
331	50	-1.66e-005	-2.31e-004	1.08e-004	6.71e-003	1.56e-002	-4.64e-002
	43	-1.66e-005	-2.21e-006	-4.11e-004	9.02e-003	1.26e-003	-4.26e-002
	51	1.39e-004	-2.21e-006	-7.82e-004	3.08e-002	1.54e-002	-5.62e-002
	52	1.39e-004	-2.31e-004	-2.62e-004	-7.45e-003	2.83e-002	-6.00e-002
332	362	1.01e-004	-1.06e-003	-1.07e-004	-1.80e-004	1.08e-002	-4.11e-002
	128	1.01e-004	-7.04e-005	-6.78e-004	3.45e-003	7.51e-003	-3.71e-002
	43	-1.66e-005	-7.04e-005	-4.44e-004	8.71e-003	5.66e-003	-4.18e-002
	50	-1.66e-005	-1.06e-003	1.27e-004	2.50e-003	1.18e-002	-4.58e-002
333	36	6.23e-005	-1.06e-004	6.66e-004	-2.58e-002	0.81	-5.13e-002

	41	6.23e-005	-2.47e-003	-8.95e-005	-3.77e-002	0.75	-5.80e-002
	42	-2.29e-004	-2.47e-003	-4.71e-004	-5.50e-002	0.59	-0.18
	37	-2.29e-004	-1.06e-004	2.85e-004	-2.18e-002	0.77	-0.17
334	604	-3.79e-005	-1.72e-003	3.78e-004	3.13e-002	0.56	5.21e-002
	357	-3.79e-005	-2.11e-003	-4.66e-004	-1.70e-002	0.54	1.74e-002
	41	6.23e-005	-2.11e-003	-2.06e-004	-1.42e-002	0.70	-3.44e-002
	36	6.23e-005	-1.72e-003	6.38e-004	-4.07e-002	0.77	2.44e-004
335	35	-1.88e-004	1.37e-003	1.19e-004	0.22	1.12	-0.13
	37	-1.88e-004	2.79e-004	7.96e-004	-0.13	0.61	-0.24
	40	4.34e-004	2.79e-004	8.18e-004	0.13	-5.41e-004	-0.28
	131	4.34e-004	1.37e-003	1.41e-004	-0.41	-0.46	-0.17
336	34	-7.65e-005	2.03e-003	8.80e-004	0.19	0.98	-2.32e-002
	36	-7.65e-005	-1.06e-004	1.17e-003	-1.44e-002	0.86	-4.77e-002
	37	-1.88e-004	-1.06e-004	6.75e-004	-9.55e-003	0.80	-0.11
	35	-1.88e-004	2.03e-003	3.87e-004	0.10	0.76	-8.80e-002
337	356	3.41e-005	-8.91e-004	1.32e-003	0.12	0.65	2.95e-002
	604	3.41e-005	-1.72e-003	1.37e-003	-4.28e-002	0.56	5.79e-002
	36	-7.65e-005	-1.72e-003	1.14e-003	5.41e-002	0.82	2.24e-002
	34	-7.65e-005	-8.91e-004	1.09e-003	0.12	0.77	-6.09e-003
338	31	-1.84e-003	-1.58e-002	4.31e-003	-4.03e-002	0.11	-2.92e-002
	35	-1.84e-003	1.37e-003	-1.07e-003	8.11e-002	0.11	-0.18
	131	5.17e-003	1.37e-003	-1.96e-003	-0.32	1.36e-002	-0.16
	33	5.17e-003	-1.58e-002	3.42e-003	-3.53e-003	-1.30e-002	-1.11e-002
339	29	-1.76e-003	-1.70e-002	2.93e-003	2.35e-002	0.10	-4.82e-002
	34	-1.76e-003	2.03e-003	3.55e-004	0.16	0.19	-6.81e-002
	35	-1.84e-003	2.03e-003	5.58e-004	0.12	2.43e-002	-7.93e-002
	31	-1.84e-003	-1.70e-002	3.13e-003	1.11e-002	0.12	-5.93e-002
340	579	-4.39e-005	-1.55e-002	6.23e-003	-1.39e-002	-3.73e-002	-7.54e-002
	356	-4.39e-005	-8.91e-004	2.49e-003	0.10	0.16	-3.66e-002
	34	-1.76e-003	-8.91e-004	7.22e-004	0.12	-0.10	-3.42e-002
	29	-1.76e-003	-1.55e-002	4.47e-003	6.48e-002	9.10e-002	-7.30e-002
341	30	-1.08e-004	-4.13e-002	-1.01e-003	3.69e-003	9.49e-002	-2.96e-002
	29	-1.08e-004	-1.70e-002	1.96e-003	8.76e-003	8.40e-002	-3.88e-002
	31	8.65e-004	-1.70e-002	5.66e-003	7.88e-004	0.13	-2.19e-002
	32	8.65e-004	-4.13e-002	2.69e-003	-1.10e-002	9.08e-002	-1.27e-002
342	364	-1.49e-003	-3.97e-002	-4.07e-003	-1.52e-002	-6.13e-002	-5.54e-002
	579	-1.49e-003	-1.55e-002	4.70e-003	3.83e-002	-4.90e-002	-6.10e-002
	29	-1.08e-004	-1.55e-002	3.50e-003	1.30e-002	8.47e-002	-4.55e-002
	30	-1.08e-004	-3.97e-002	-5.28e-003	-3.64e-003	7.19e-002	-3.99e-002
343	23	-1.43e-004	-1.71e-002	-1.90e-003	2.80e-002	4.40e-002	1.30e-002
	26	-1.43e-004	-4.08e-002	9.83e-004	5.67e-003	8.29e-002	2.55e-003
	27	8.27e-004	-4.08e-002	-2.78e-003	-1.03e-002	6.07e-002	3.10e-003
	24	8.27e-004	-1.71e-002	-5.66e-003	1.81e-002	0.10	1.36e-002
344	516	-1.67e-003	-1.55e-002	-4.54e-003	3.93e-002	-6.34e-002	7.78e-003
	365	-1.67e-003	-3.95e-002	4.24e-003	1.17e-002	-2.02e-002	7.47e-004
	26	-1.43e-004	-3.95e-002	5.38e-003	-4.84e-003	5.23e-002	5.97e-003
	23	-1.43e-004	-1.55e-002	-3.40e-003	3.85e-002	8.71e-002	1.30e-002
345	22	-1.93e-003	8.98e-004	8.27e-004	9.45e-002	8.40e-002	0.19
	24	-1.93e-003	-1.58e-002	-4.30e-003	-2.09e-002	7.20e-002	3.87e-002
	25	5.37e-003	-1.58e-002	-3.36e-003	3.25e-004	-3.00e-002	2.31e-002
	138	5.37e-003	8.98e-004	1.77e-003	-0.31	-1.67e-002	0.18
346	21	-1.94e-003	1.21e-003	-5.40e-004	0.22	0.22	7.02e-002
	23	-1.94e-003	-1.71e-002	-2.91e-003	3.30e-002	6.68e-002	4.06e-002
	24	-1.93e-003	-1.71e-002	-3.08e-003	5.34e-002	8.26e-002	6.09e-002
	22	-1.93e-003	1.21e-003	-7.16e-004	0.13	-0.10	9.05e-002
347	361	-1.83e-004	-1.28e-003	-2.58e-003	0.15	0.29	-1.13e-002
	516	-1.83e-004	-1.55e-002	-6.17e-003	-3.38e-002	-5.35e-002	4.78e-002
	23	-1.94e-003	-1.55e-002	-4.41e-003	0.12	8.25e-002	6.32e-002
	21	-1.94e-003	-1.28e-003	-8.21e-004	0.15	-0.29	4.08e-003
348	18	2.31e-004	-1.77e-004	-5.62e-004	-0.14	0.37	0.16

	22	2.31e-004	8.98e-004	-1.54e-004	0.10	0.95	0.24
138	2.03e-004	8.98e-004	9.22e-005	-0.20	-0.35	0.31	
	20	2.03e-004	-1.77e-004	-3.16e-004	0.29	6.68e-002	0.23
349	15	1.35e-004	-5.03e-004	-6.38e-004	-0.15	0.69	1.96e-002
	21	1.35e-004	1.21e-003	-8.99e-004	0.18	0.86	9.72e-003
	22	2.31e-004	1.21e-003	-6.16e-004	0.17	0.76	0.16
	18	2.31e-004	-5.03e-004	-3.55e-004	-0.15	0.55	0.17
350	491	-1.52e-005	-1.17e-003	-5.47e-004	-5.87e-002	0.50	-0.11
	361	-1.52e-005	-1.28e-003	-1.54e-003	0.10	0.59	-0.11
	21	1.35e-004	-1.28e-003	-1.35e-003	0.15	0.76	-3.36e-002
	15	1.35e-004	-1.17e-003	-3.55e-004	-0.12	0.65	-2.91e-002
351	19	1.44e-004	-6.92e-004	4.02e-005	-1.16e-004	0.33	0.10
	18	1.44e-004	-1.77e-004	-3.40e-004	-2.76e-002	0.35	0.19
	20	9.27e-004	-1.77e-004	-6.13e-004	0.12	6.28e-002	0.19
137	9.27e-004	-6.92e-004	-2.33e-004	-4.12e-003	7.23e-002	0.10	
352	16	3.93e-004	-4.89e-004	2.51e-004	-2.64e-002	0.50	1.29e-002
	15	3.93e-004	-5.03e-004	-8.95e-005	-7.33e-002	0.60	4.91e-002
	18	1.44e-004	-5.03e-004	-1.33e-004	-1.56e-002	0.51	0.14
	19	1.44e-004	-4.89e-004	2.07e-004	-2.72e-002	0.39	0.10
353	360	1.85e-005	3.42e-005	-3.72e-005	-3.03e-002	0.41	-5.79e-002
	491	1.85e-005	-1.17e-003	1.98e-004	-1.88e-002	0.48	-9.09e-002
	15	3.93e-004	-1.17e-003	1.94e-004	-7.96e-002	0.59	-2.60e-002
	16	3.93e-004	3.42e-005	-4.21e-005	-2.15e-002	0.49	7.02e-003
354	9	-2.41e-005	1.23e-005	3.32e-004	1.81e-003	4.47e-003	-2.46e-003
	13	-2.41e-005	-6.99e-004	3.33e-005	3.30e-004	3.28e-003	-1.37e-003
135	9.56e-004	-6.99e-004	2.06e-004	-4.48e-004	1.27e-003	-2.13e-003	
	10	9.56e-004	1.23e-005	5.05e-004	4.30e-003	2.01e-003	-3.22e-003
355	8	2.28e-004	-1.35e-004	4.89e-004	1.83e-003	2.26e-003	-1.97e-003
	12	2.28e-004	-7.33e-004	-1.21e-004	2.36e-004	1.66e-003	-2.03e-003
	13	-2.41e-005	-7.33e-004	-2.05e-004	9.66e-004	2.64e-003	-1.52e-003
	9	-2.41e-005	-1.35e-004	4.05e-004	1.01e-003	7.63e-004	-1.46e-003
356	454	3.58e-006	-3.70e-004	5.70e-004	1.15e-003	2.14e-003	-3.34e-003
	359	3.58e-006	-1.17e-003	1.58e-004	4.06e-004	1.38e-003	-2.99e-003
	12	2.28e-004	-1.17e-003	9.25e-005	5.08e-004	1.68e-003	-2.24e-003
	8	2.28e-004	-3.70e-004	5.04e-004	1.60e-003	-9.95e-004	-2.59e-003
357	7	1.14e-004	7.47e-005	2.80e-004	3.80e-003	-1.17e-002	-5.43e-003
	9	1.14e-004	1.23e-005	5.24e-004	3.38e-003	4.97e-003	-4.03e-003
	10	2.35e-004	1.23e-005	4.44e-004	-3.66e-003	3.91e-003	-6.64e-003
134	2.35e-004	7.47e-005	2.00e-004	1.30e-002	2.72e-002	-8.04e-003	
358	6	2.28e-005	2.45e-004	3.33e-004	-3.32e-004	-2.33e-002	-4.34e-003
	8	2.28e-005	-1.35e-004	6.04e-004	4.81e-003	1.24e-004	-5.17e-003
	9	1.14e-004	-1.35e-004	5.96e-004	1.11e-003	1.85e-003	-3.78e-003
	7	1.14e-004	2.45e-004	3.26e-004	2.05e-003	2.18e-002	-2.95e-003
359	358	4.97e-006	5.28e-004	3.84e-004	4.11e-004	-2.45e-002	-5.12e-003
	454	4.97e-006	-3.70e-004	6.66e-004	3.19e-003	5.35e-004	-6.65e-003
	8	2.28e-005	-3.70e-004	6.19e-004	9.76e-005	-2.83e-004	-5.67e-003
	6	2.28e-005	5.28e-004	3.38e-004	1.10e-003	2.23e-002	-4.14e-003
360	2	-1.87e-005	7.70e-005	3.46e-004	1.02e-002	-6.48e-003	-1.49e-002
	7	-1.87e-005	7.47e-005	2.26e-004	8.22e-003	1.27e-002	-9.16e-003
134	-1.68e-004	7.47e-005	1.38e-004	9.19e-003	-1.70e-002	-1.34e-002	
	5	-1.68e-004	7.70e-005	2.57e-004	2.34e-002	9.06e-003	-1.92e-002
361	167	4.11e-006	2.76e-004	3.46e-004	-7.04e-004	9.53e-003	-1.15e-002
	6	4.11e-006	2.45e-004	2.22e-004	5.15e-003	4.04e-002	-6.77e-003
	7	-1.87e-005	2.45e-004	2.40e-004	1.37e-003	-2.74e-002	-6.99e-003
	2	-1.87e-005	2.76e-004	3.64e-004	1.48e-002	3.82e-003	-1.18e-002
362	429	2.56e-005	5.44e-004	3.59e-004	-7.60e-003	2.61e-002	-1.00e-002
	358	2.56e-005	5.28e-004	2.43e-004	4.54e-003	5.78e-002	-6.50e-003
	6	4.11e-006	5.28e-004	2.27e-004	-3.75e-003	-1.50e-002	-7.10e-003
	167	4.11e-006	5.44e-004	3.43e-004	9.35e-003	1.76e-002	-1.06e-002
363	168	-2.00e-007	3.59e-004	-4.63e-005	3.35e-003	1.57e-002	-1.04e-002

	167	-2.00e-007	2.76e-004	2.30e-004	3.88e-003	6.96e-003	-6.22e-003
	2	3.11e-005	2.76e-004	2.21e-004	1.53e-002	8.18e-003	-1.14e-002
	3	3.11e-005	3.59e-004	-5.57e-005	8.59e-004	9.36e-003	-1.57e-002
364	367	-1.92e-005	5.37e-004	-3.58e-005	8.36e-004	2.91e-002	-7.49e-003
	429	-1.92e-005	5.44e-004	2.37e-004	1.82e-004	2.41e-002	-5.36e-003
	167	-2.00e-007	5.44e-004	2.27e-004	4.86e-003	2.04e-002	-6.86e-003
	168	-2.00e-007	5.37e-004	-4.59e-005	6.60e-004	1.81e-002	-8.98e-003
365	151	5.34e-006	1.68e-004	-1.51e-004	7.28e-003	1.25e-002	-3.13e-002
	163	5.34e-006	2.58e-004	3.64e-005	3.71e-003	2.05e-002	-2.51e-002
	164	1.61e-005	2.58e-004	6.58e-005	2.78e-003	5.42e-003	-1.79e-002
	155	1.61e-005	1.68e-004	-1.21e-004	2.15e-002	-1.35e-004	-2.41e-002
366	392	-9.91e-006	4.27e-004	-1.60e-004	-5.49e-004	4.28e-002	-3.24e-002
	366	-9.91e-006	3.10e-004	2.34e-005	1.95e-003	4.48e-002	-2.85e-002
	163	5.34e-006	3.10e-004	3.34e-005	1.26e-003	2.74e-002	-2.71e-002
	151	5.34e-006	4.27e-004	-1.50e-004	8.42e-003	2.68e-002	-3.10e-002
367	159	2.38e-005	-5.78e-005	-1.75e-004	2.15e-002	-1.13e-002	-3.89e-002
	155	2.38e-005	1.77e-005	-2.65e-004	2.59e-002	-1.67e-002	-2.41e-002
	160	-2.99e-004	1.77e-005	-1.28e-004	2.92e-002	-5.73e-003	-1.16e-002
	142	-2.99e-004	-5.78e-005	-3.81e-005	5.47e-002	-3.15e-002	-2.64e-002
368	154	1.71e-005	1.28e-004	-2.20e-004	6.90e-003	2.17e-002	-3.81e-002
	151	1.71e-005	1.68e-004	-2.58e-004	9.43e-003	1.25e-002	-2.94e-002
	155	2.38e-005	1.68e-004	-2.61e-004	2.11e-002	-2.85e-003	-2.77e-002
	159	2.38e-005	1.28e-004	-2.23e-004	1.67e-002	-1.48e-002	-3.64e-002
369	363	2.52e-005	5.13e-004	-2.48e-004	3.38e-003	5.95e-002	-3.32e-002
	392	2.52e-005	4.27e-004	-2.71e-004	8.69e-004	4.51e-002	-2.93e-002
	151	1.71e-005	4.27e-004	-2.57e-004	9.41e-003	2.51e-002	-3.18e-002
	154	1.71e-005	5.13e-004	-2.34e-004	4.62e-003	1.49e-002	-3.58e-002
373	126	-7.29e-005	-1.18e-004	-2.80e-004	1.34e-003	3.55e-003	-2.68e-002
	391	-7.29e-005	8.78e-004	-1.78e-004	-7.19e-003	-1.67e-002	-2.35e-002
	363	-1.54e-004	8.78e-004	-3.61e-004	1.16e-002	3.31e-002	-2.57e-002
	128	-1.54e-004	-1.18e-004	-4.64e-004	-3.56e-003	1.49e-002	-2.90e-002
374	123	5.91e-005	-2.33e-004	-1.89e-004	-4.97e-004	7.89e-003	-1.91e-002
	389	5.91e-005	1.05e-003	-1.20e-004	-8.38e-003	-3.01e-003	-1.78e-002
	391	-7.29e-005	1.05e-003	-1.36e-004	6.35e-003	1.99e-002	-2.08e-002
	126	-7.29e-005	-2.33e-004	-2.04e-004	-9.58e-003	1.18e-002	-2.21e-002
375	119	-4.76e-006	-2.81e-004	-2.63e-004	1.31e-003	8.15e-003	-1.58e-002
	387	-4.76e-006	1.18e-003	-9.77e-005	-6.41e-003	1.41e-004	-1.58e-002
	389	5.91e-005	1.18e-003	-1.06e-004	2.06e-003	1.89e-002	-1.71e-002
	123	5.91e-005	-2.81e-004	-2.72e-004	-7.43e-003	1.20e-002	-1.70e-002
376	115	-7.06e-005	-3.29e-004	-2.82e-004	2.30e-003	9.38e-003	-1.55e-002
	385	-7.06e-005	1.34e-003	-1.40e-004	-3.65e-003	-9.30e-004	-1.51e-002
	387	-4.76e-006	1.34e-003	-1.05e-004	4.51e-003	2.40e-002	-1.59e-002
	119	-4.76e-006	-3.29e-004	-2.47e-004	-4.27e-003	1.44e-002	-1.63e-002
377	111	-3.97e-005	-3.50e-004	-1.01e-004	1.03e-003	1.07e-002	-1.35e-002
	383	-3.97e-005	1.49e-003	-6.52e-005	-9.66e-004	2.79e-003	-1.28e-002
	385	-7.06e-005	1.49e-003	-1.43e-004	6.16e-003	2.26e-002	-1.40e-002
	115	-7.06e-005	-3.50e-004	-1.79e-004	-3.10e-003	1.59e-002	-1.47e-002
378	106	1.35e-005	-3.93e-004	-3.53e-005	1.08e-003	1.29e-002	-1.02e-002
	381	1.35e-005	1.55e-003	-2.18e-005	-6.59e-004	9.18e-003	-9.80e-003
	383	-3.97e-005	1.55e-003	-4.53e-005	4.12e-003	1.57e-002	-1.14e-002
	111	-3.97e-005	-3.93e-004	-5.88e-005	-2.15e-003	1.35e-002	-1.18e-002
379	102	-2.17e-006	-4.03e-004	-6.92e-005	7.43e-004	1.51e-002	-8.35e-003
	379	-2.17e-006	1.58e-003	-3.01e-005	1.53e-003	1.30e-002	-8.56e-003
	381	1.35e-005	1.58e-003	-1.60e-005	2.53e-003	1.64e-002	-9.41e-003
	106	1.35e-005	-4.03e-004	-5.51e-005	-1.16e-003	1.51e-002	-9.19e-003
380	98	6.52e-005	-3.83e-004	-5.06e-005	2.44e-003	2.71e-002	-4.69e-003
	377	6.52e-005	1.66e-003	2.42e-005	5.89e-003	2.83e-002	-6.18e-003
	379	-2.17e-006	1.66e-003	-1.54e-005	4.72e-004	1.16e-002	-7.87e-003
	102	-2.17e-006	-3.83e-004	-9.02e-005	1.57e-003	1.44e-002	-6.38e-003
381	61	6.15e-005	-5.02e-004	-3.25e-004	2.41e-003	3.04e-002	-5.77e-003

	375	6.15e-005	1.68e-003	-1.77e-004	8.46e-003	3.14e-002	-6.44e-003
	377	6.52e-005	1.68e-003	-8.16e-006	6.83e-003	2.89e-002	-5.93e-003
	98	6.52e-005	-5.02e-004	-1.56e-004	1.21e-003	2.94e-002	-5.26e-003
382	621	1.67e-005	-8.21e-004	-5.39e-004	1.05e-003	-2.13e-002	-1.30e-002
	373	1.67e-005	1.28e-003	-3.87e-004	-7.42e-004	-3.08e-002	-8.77e-003
	375	6.15e-005	1.28e-003	-2.56e-004	1.72e-002	3.94e-002	-7.44e-003
	61	6.15e-005	-8.21e-004	-4.08e-004	1.08e-003	2.86e-002	-1.17e-002
383	619	5.85e-007	-1.39e-003	-5.87e-004	-3.28e-003	-9.08e-002	-1.23e-002
	371	5.85e-007	4.11e-004	-4.40e-004	-6.22e-003	-0.10	-6.78e-003
	373	1.67e-005	4.11e-004	-4.25e-004	1.19e-002	-2.26e-002	-8.46e-003
	621	1.67e-005	-1.39e-003	-5.72e-004	1.95e-003	-3.12e-002	-1.40e-002
384	617	1.33e-004	-2.02e-003	-5.16e-004	6.21e-003	-0.14	6.79e-003
	369	1.33e-004	-6.11e-004	-2.67e-004	-1.64e-002	-0.17	9.92e-003
	371	5.85e-007	-6.11e-004	-3.92e-004	-4.44e-004	-0.10	-4.91e-003
	619	5.85e-007	-2.02e-003	-6.41e-004	3.51e-003	-0.11	-8.04e-003
385	355	5.88e-005	-2.61e-003	-8.98e-004	3.77e-002	-0.10	4.37e-002
	289	5.88e-005	-1.07e-003	-4.39e-004	-7.93e-003	-0.16	3.81e-002
	369	1.33e-004	-1.07e-003	-2.72e-004	9.25e-003	-0.11	1.33e-002
	617	1.33e-004	-2.61e-003	-7.30e-004	-3.59e-003	-0.14	1.90e-002
386	127	-2.75e-004	-2.27e-003	-2.47e-004	-1.70e-002	2.52e-002	-3.49e-002
	126	-2.75e-004	-1.18e-004	-1.38e-004	-5.58e-003	6.52e-003	-2.68e-002
	128	1.01e-004	-1.18e-004	-4.37e-004	2.42e-004	1.50e-002	-3.54e-002
	362	1.01e-004	-2.27e-003	-5.46e-004	-2.46e-003	9.85e-003	-4.35e-002
387	124	-5.91e-006	-2.12e-003	-1.66e-004	-1.91e-003	9.37e-003	-1.28e-002
	123	-5.91e-006	-2.33e-004	-2.08e-004	-4.88e-003	1.15e-002	-1.94e-002
	126	-2.75e-004	-2.33e-004	-6.15e-005	-5.03e-003	1.11e-002	-2.68e-002
	127	-2.75e-004	-2.12e-003	-1.89e-005	-1.85e-002	2.49e-002	-2.01e-002
388	120	4.20e-006	-2.71e-003	5.13e-005	-7.75e-005	1.07e-002	-1.62e-002
	119	4.20e-006	-2.81e-004	-2.18e-004	-1.58e-003	9.37e-003	-1.70e-002
	123	-5.91e-006	-2.81e-004	-2.92e-004	-1.26e-003	1.12e-002	-1.71e-002
	124	-5.91e-006	-2.71e-003	-2.27e-005	-2.27e-003	1.01e-002	-1.64e-002
389	116	4.63e-005	-3.13e-003	-2.39e-005	-3.73e-004	1.33e-002	-1.68e-002
	115	4.63e-005	-3.29e-004	-2.62e-004	-2.19e-004	1.10e-002	-1.70e-002
	119	4.20e-006	-3.29e-004	-2.02e-004	-6.57e-004	1.30e-002	-1.70e-002
	120	4.20e-006	-3.13e-003	3.58e-005	-5.28e-004	1.06e-002	-1.67e-002
390	112	-1.42e-004	-3.65e-003	-1.15e-004	-5.48e-003	1.87e-002	-1.56e-002
	111	-1.42e-004	-3.50e-004	-5.03e-005	-1.01e-003	1.20e-002	-1.35e-002
	115	4.63e-005	-3.50e-004	-1.58e-004	-5.22e-004	1.54e-002	-1.60e-002
	116	4.63e-005	-3.65e-003	-2.23e-004	-8.76e-004	1.27e-002	-1.80e-002
391	107	4.43e-006	-3.57e-003	-3.70e-005	-5.01e-004	1.44e-002	-7.92e-003
	106	4.43e-006	-3.93e-004	-4.67e-005	-3.48e-004	1.43e-002	-1.01e-002
	111	-1.42e-004	-3.93e-004	-7.68e-006	-8.43e-004	1.34e-002	-1.31e-002
	112	-1.42e-004	-3.57e-003	1.97e-006	-5.56e-003	1.80e-002	-1.09e-002
392	103	-3.31e-006	-3.73e-003	-7.14e-007	3.81e-004	1.76e-002	-7.51e-003
	102	-3.31e-006	-4.03e-004	-6.41e-005	1.63e-003	1.58e-002	-8.08e-003
	106	4.43e-006	-4.03e-004	-6.64e-005	9.53e-004	1.49e-002	-9.26e-003
	107	4.43e-006	-3.73e-003	-3.08e-006	-3.72e-004	1.49e-002	-8.69e-003
393	99	-5.43e-005	-3.84e-003	2.65e-005	-1.12e-004	2.40e-002	-6.48e-003
	98	-5.43e-005	-3.83e-004	-5.54e-005	-9.59e-005	2.61e-002	-5.47e-003
	102	-3.31e-006	-3.83e-004	-8.51e-005	1.59e-003	1.60e-002	-6.29e-003
	103	-3.31e-006	-3.84e-003	-3.25e-006	7.53e-004	1.95e-002	-7.31e-003
394	62	2.63e-004	-3.81e-003	1.81e-004	-7.16e-003	2.73e-002	-9.85e-003
	61	2.63e-004	-5.02e-004	-2.41e-004	-3.51e-003	2.83e-002	-6.46e-003
	98	-5.43e-005	-5.02e-004	-1.61e-004	-1.92e-004	3.04e-002	-5.15e-003
	99	-5.43e-005	-3.81e-003	2.61e-004	-1.93e-003	2.93e-002	-8.55e-003
395	622	-2.84e-005	-4.15e-003	-6.40e-006	-5.53e-004	-1.65e-002	-8.65e-003
	621	-2.84e-005	-8.21e-004	-3.18e-004	3.57e-004	-1.79e-002	-1.35e-002
	61	2.63e-004	-8.21e-004	-3.24e-004	-3.68e-003	2.37e-002	-1.18e-002
	62	2.63e-004	-4.15e-003	-1.33e-005	-8.74e-003	1.95e-002	-6.91e-003
396	620	-1.32e-005	-4.39e-003	8.11e-005	-1.62e-004	-8.05e-002	-8.98e-003

	619	-1.32e-005	-1.39e-003	-3.72e-004	7.09e-003	-8.61e-002	-1.22e-002
	621	-2.84e-005	-1.39e-003	-3.51e-004	-7.18e-004	-3.54e-002	-1.39e-002
	622	-2.84e-005	-4.39e-003	1.02e-004	-5.66e-004	-3.83e-002	-1.06e-002
397	618	-1.06e-004	-4.61e-003	1.32e-004	1.45e-003	-0.12	5.65e-003
	617	-1.06e-004	-2.02e-003	-3.74e-004	9.76e-003	-0.13	3.46e-003
	619	-1.32e-005	-2.02e-003	-4.26e-004	2.31e-003	-0.11	-8.68e-003
	620	-1.32e-005	-4.61e-003	7.99e-005	3.40e-003	-0.10	-6.50e-003
398	288	3.42e-004	-4.76e-003	3.39e-004	-3.80e-003	-8.70e-002	2.18e-002
	355	3.42e-004	-2.61e-003	-7.90e-004	-7.99e-003	-0.10	3.01e-002
	617	-1.06e-004	-2.61e-003	-5.87e-004	7.81e-003	-0.13	1.61e-002
	618	-1.06e-004	-4.76e-003	5.41e-004	1.20e-003	-0.12	7.87e-003
399	603	-3.10e-004	-3.94e-003	7.96e-004	2.49e-002	6.33e-002	2.28e-002
	616	-3.10e-004	-1.11e-003	-3.35e-004	3.19e-002	0.10	1.16e-003
	357	-3.79e-005	-1.11e-003	-6.08e-004	6.51e-003	0.38	2.47e-002
	604	-3.79e-005	-3.94e-003	5.23e-004	-4.08e-003	0.38	4.63e-002
400	602	9.68e-005	-5.57e-003	5.22e-004	-6.55e-003	-8.74e-002	-3.46e-002
	615	9.68e-005	-1.54e-003	-6.50e-004	1.44e-002	-6.77e-002	-2.26e-002
	616	-3.10e-004	-1.54e-003	-4.62e-004	2.02e-002	2.06e-002	1.61e-003
	603	-3.10e-004	-5.57e-003	7.10e-004	1.79e-002	1.80e-003	-1.04e-002
401	601	1.89e-005	-6.06e-003	3.59e-004	-1.51e-002	-4.09e-002	-3.58e-002
	614	1.89e-005	-1.50e-003	2.72e-005	1.37e-005	-4.61e-002	-3.18e-002
	615	9.68e-005	-1.50e-003	-7.36e-005	-5.29e-003	-5.10e-002	-3.36e-002
	602	9.68e-005	-6.06e-003	2.58e-004	2.14e-004	-5.34e-002	-3.76e-002
402	600	1.06e-005	-6.00e-003	2.28e-004	-9.45e-003	-1.46e-002	-2.17e-002
	613	1.06e-005	-2.06e-003	-1.73e-005	-2.19e-003	-1.99e-002	-2.30e-002
	614	1.89e-005	-2.06e-003	4.75e-005	-2.21e-003	-3.67e-002	-3.10e-002
	601	1.89e-005	-6.00e-003	2.92e-004	-1.27e-002	-2.93e-002	-2.97e-002
403	599	-1.38e-004	-5.97e-003	2.84e-004	-2.79e-003	-6.92e-003	-1.17e-002
	612	-1.38e-004	-2.51e-003	3.41e-006	3.09e-003	-1.26e-002	-1.50e-002
	613	1.06e-005	-2.51e-003	-4.01e-005	-3.24e-006	-1.75e-002	-2.17e-002
	600	1.06e-005	-5.97e-003	2.41e-004	-8.02e-003	-1.26e-002	-1.84e-002
404	598	4.79e-005	-5.97e-003	1.27e-004	-1.66e-003	-6.03e-003	-6.79e-003
	611	4.79e-005	-3.10e-003	-2.26e-004	3.40e-005	-5.74e-003	-5.44e-003
	612	-1.38e-004	-3.10e-003	-1.21e-004	4.13e-003	-1.24e-002	-9.87e-003
	599	-1.38e-004	-5.97e-003	2.33e-004	-2.35e-003	-5.09e-003	-1.12e-002
405	597	2.70e-006	-6.03e-003	6.43e-005	-3.05e-003	-6.56e-003	-3.98e-003
	610	2.70e-006	-3.06e-003	8.00e-006	-1.93e-004	-7.65e-003	-3.64e-003
	611	4.79e-005	-3.06e-003	-3.10e-005	8.41e-005	-6.78e-003	-5.60e-003
	598	4.79e-005	-6.03e-003	2.53e-005	-2.47e-003	-4.76e-003	-5.94e-003
406	596	-3.03e-005	-6.06e-003	3.34e-005	-4.13e-003	-9.24e-003	-9.70e-004
	609	-3.03e-005	-3.09e-003	-2.10e-005	1.13e-004	-1.10e-002	-8.55e-004
	610	2.70e-006	-3.09e-003	3.19e-007	-6.61e-004	-8.28e-003	-3.21e-003
	597	2.70e-006	-6.06e-003	5.47e-005	-3.07e-003	-6.29e-003	-3.32e-003
407	595	2.61e-004	-6.13e-003	8.04e-005	-3.37e-003	-1.29e-002	5.20e-003
	608	2.61e-004	-3.10e-003	-8.73e-005	4.76e-003	-1.83e-002	3.24e-003
	609	-3.03e-005	-3.10e-003	-1.03e-004	-2.16e-004	-1.19e-002	-1.25e-003
	596	-3.03e-005	-6.13e-003	6.46e-005	-3.32e-003	-1.02e-002	7.08e-004
408	594	-5.28e-005	-6.23e-003	2.46e-004	-3.93e-003	-1.42e-002	1.07e-002
	607	-5.28e-005	-3.19e-003	2.27e-004	4.19e-004	-1.27e-002	1.26e-002
	608	2.61e-004	-3.19e-003	1.32e-004	4.22e-003	-1.92e-002	8.10e-003
	595	2.61e-004	-6.23e-003	1.51e-004	-2.99e-003	-1.06e-002	6.22e-003
409	593	-2.51e-006	-6.30e-003	2.95e-004	-3.82e-003	-1.12e-002	1.50e-002
	606	-2.51e-006	-3.83e-003	-3.94e-005	-1.05e-004	-1.03e-002	1.48e-002
	607	-5.28e-005	-3.83e-003	1.08e-005	-5.44e-004	-1.29e-002	1.22e-002
	594	-5.28e-005	-6.30e-003	3.45e-004	-3.77e-003	-7.93e-003	1.23e-002
410	592	-1.38e-005	-6.44e-003	3.60e-004	-3.67e-003	-1.33e-002	1.85e-002
	605	-1.38e-005	-4.34e-003	-1.40e-005	8.92e-004	-1.25e-002	1.80e-002
	606	-2.51e-006	-4.34e-003	-5.66e-005	-1.05e-003	-1.13e-002	1.54e-002
	593	-2.51e-006	-6.44e-003	3.18e-004	-2.84e-003	-6.33e-003	1.58e-002
411	348	3.44e-004	-6.62e-003	2.43e-004	-1.59e-003	-1.80e-002	2.63e-002

	283	3.44e-004	-4.93e-003	-6.07e-005	9.05e-003	-2.42e-002	2.28e-002
	605	-1.38e-005	-4.93e-003	1.89e-005	2.80e-005	-1.44e-002	1.69e-002
	592	-1.38e-005	-6.62e-003	3.22e-004	-1.53e-003	-1.14e-002	2.05e-002
412	591	-1.58e-005	-5.96e-003	1.01e-003	-5.98e-002	5.59e-002	-1.11e-002
	603	-1.58e-005	-3.94e-003	1.20e-003	-2.17e-002	3.66e-002	2.66e-002
	604	3.41e-005	-3.94e-003	1.51e-003	6.90e-002	0.38	6.64e-002
	356	3.41e-005	-5.96e-003	1.32e-003	8.96e-003	0.33	2.87e-002
413	590	-1.20e-004	-8.91e-003	1.82e-004	-7.73e-002	-8.55e-002	-4.02e-002
	602	-1.20e-004	-5.57e-003	5.49e-004	-1.07e-002	-9.10e-002	-3.51e-002
	603	-1.58e-005	-5.57e-003	1.11e-003	1.17e-003	-1.47e-002	-9.00e-003
	591	-1.58e-005	-8.91e-003	7.47e-004	-6.77e-002	-4.48e-002	-1.41e-002
414	589	1.56e-005	-8.79e-003	7.73e-005	-4.05e-002	-4.37e-002	-3.08e-002
	601	1.56e-005	-6.06e-003	3.38e-004	-1.40e-002	-3.71e-002	-3.60e-002
	602	-1.20e-004	-6.06e-003	2.85e-004	-3.45e-002	-5.58e-002	-4.29e-002
	590	-1.20e-004	-8.79e-003	2.47e-005	-4.22e-002	-4.28e-002	-3.76e-002
415	588	1.77e-005	-8.32e-003	6.97e-005	-1.94e-002	-2.35e-002	-1.84e-002
	600	1.77e-005	-6.00e-003	2.58e-004	-6.53e-003	-1.39e-002	-2.22e-002
	601	1.56e-005	-6.00e-003	2.71e-004	-2.07e-002	-2.57e-002	-3.07e-002
	589	1.56e-005	-8.32e-003	8.32e-005	-2.12e-002	-8.03e-003	-2.69e-002
416	587	-4.12e-005	-7.96e-003	6.58e-005	-8.61e-003	-1.60e-002	-1.17e-002
	599	-4.12e-005	-5.97e-003	2.66e-004	-5.61e-004	-7.52e-003	-1.31e-002
	600	1.77e-005	-5.97e-003	2.71e-004	-9.74e-003	-8.78e-003	-1.82e-002
	588	1.77e-005	-7.96e-003	7.06e-005	-5.53e-003	4.49e-003	-1.68e-002
417	586	-6.69e-005	-7.78e-003	-1.28e-005	-4.50e-003	-1.01e-002	-8.07e-003
	598	-6.69e-005	-5.97e-003	1.44e-004	-5.70e-004	-5.75e-003	-7.70e-003
	599	-4.12e-005	-5.97e-003	2.14e-004	-3.99e-003	-3.14e-003	-1.11e-002
	587	-4.12e-005	-7.78e-003	5.78e-005	4.99e-004	4.36e-003	-1.14e-002
418	585	4.16e-006	-7.78e-003	2.89e-005	-6.23e-003	-7.72e-003	-5.45e-003
	597	4.16e-006	-6.03e-003	7.91e-005	-2.14e-003	-6.41e-003	-4.47e-003
	598	-6.69e-005	-6.03e-003	4.17e-005	-2.69e-003	-3.88e-003	-6.68e-003
	586	-6.69e-005	-7.78e-003	-8.51e-006	-1.51e-003	-4.71e-004	-7.67e-003
419	584	2.91e-005	-7.83e-003	2.05e-006	-9.38e-003	-8.94e-003	-2.07e-003
	596	2.91e-005	-6.06e-003	3.32e-005	-2.89e-003	-8.85e-003	-1.30e-003
	597	4.16e-006	-6.06e-003	6.95e-005	-4.07e-003	-5.59e-003	-3.76e-003
	585	4.16e-006	-7.83e-003	3.84e-005	-4.94e-003	-3.17e-003	-4.53e-003
420	583	7.82e-005	-7.93e-003	7.78e-005	-1.49e-002	-1.59e-002	2.35e-003
	595	7.82e-005	-6.13e-003	1.34e-004	-1.91e-003	-1.30e-002	3.43e-003
	596	2.91e-005	-6.13e-003	6.43e-005	-5.31e-003	-8.42e-003	5.35e-004
	584	2.91e-005	-7.93e-003	8.63e-006	-6.88e-003	-2.84e-003	-5.46e-004
421	582	7.64e-005	-7.92e-003	2.04e-004	-1.61e-002	-2.46e-002	8.03e-003
	594	7.64e-005	-6.23e-003	2.99e-004	3.50e-005	-1.47e-002	8.63e-003
	595	7.82e-005	-6.23e-003	2.04e-004	-7.04e-003	-8.53e-003	5.86e-003
	583	7.82e-005	-7.92e-003	1.09e-004	-6.50e-003	4.00e-003	5.27e-003
422	581	6.79e-006	-7.78e-003	1.75e-004	-1.34e-002	-2.67e-002	1.23e-002
	593	6.79e-006	-6.30e-003	3.65e-004	1.65e-003	-1.27e-002	1.29e-002
	594	7.64e-005	-6.30e-003	3.98e-004	-8.42e-003	-5.21e-003	1.05e-002
	582	7.64e-005	-7.78e-003	2.09e-004	-6.55e-004	1.11e-002	9.87e-003
423	580	-1.91e-005	-7.70e-003	1.60e-004	-1.40e-002	-2.79e-002	1.50e-002
	592	-1.91e-005	-6.44e-003	3.85e-004	2.92e-003	-1.49e-002	1.66e-002
	593	6.79e-006	-6.44e-003	3.87e-004	-7.92e-003	-3.52e-003	1.41e-002
	581	6.79e-006	-7.70e-003	1.62e-004	3.48e-003	1.18e-002	1.25e-002
424	282	9.39e-005	-7.72e-003	2.34e-004	-1.94e-002	-3.65e-002	1.88e-002
	348	9.39e-005	-6.62e-003	4.05e-004	2.96e-003	-2.01e-002	2.15e-002
	592	-1.91e-005	-6.62e-003	3.47e-004	-8.12e-003	-7.16e-003	1.89e-002
	580	-1.91e-005	-7.72e-003	1.77e-004	2.96e-003	1.16e-002	1.63e-002
425	578	2.02e-003	-1.28e-002	3.94e-003	-4.56e-002	-0.13	-6.03e-002
	591	2.02e-003	-5.96e-003	9.72e-004	-1.70e-002	4.26e-003	-2.56e-002
	356	-4.39e-005	-5.96e-003	2.74e-003	-5.96e-003	-0.21	-4.12e-002
	579	-4.39e-005	-1.28e-002	5.71e-003	5.08e-002	-5.48e-002	-7.58e-002
426	577	4.39e-004	-9.21e-003	7.59e-004	-3.71e-002	-0.16	-2.85e-002

	590	4.39e-004	-8.91e-003	5.68e-005	-5.39e-002	-0.12	-2.93e-002
	591	2.02e-003	-8.91e-003	6.61e-004	-8.70e-002	-0.21	-4.84e-002
	578	2.02e-003	-9.21e-003	1.36e-003	-6.44e-003	-0.14	-4.76e-002
427	576	-1.41e-005	-8.13e-003	-4.84e-005	-1.96e-002	-0.15	-1.36e-002
	589	-1.41e-005	-8.79e-003	-2.85e-005	-3.55e-002	-0.16	-2.31e-002
	590	4.39e-004	-8.79e-003	1.43e-005	-5.35e-002	-0.16	-3.17e-002
	577	4.39e-004	-8.13e-003	-5.51e-006	-3.12e-002	-0.16	-2.22e-002
428	575	-4.43e-005	-7.92e-003	-4.49e-005	-1.14e-002	-0.13	-7.91e-003
	588	-4.43e-005	-8.32e-003	4.48e-005	-1.51e-002	-0.13	-1.36e-002
	589	-1.41e-005	-8.32e-003	-6.21e-006	-2.25e-002	-0.14	-1.71e-002
	576	-1.41e-005	-7.92e-003	-9.59e-005	-2.15e-002	-0.14	-1.15e-002
429	574	-2.22e-005	-7.78e-003	1.53e-005	-6.30e-003	-0.11	-5.55e-003
	587	-2.22e-005	-7.96e-003	6.57e-005	-6.65e-003	-0.12	-8.11e-003
	588	-4.43e-005	-7.96e-003	4.95e-005	-7.62e-003	-0.12	-1.02e-002
	575	-4.43e-005	-7.78e-003	-8.49e-007	-1.33e-002	-0.12	-7.67e-003
430	573	-9.29e-006	-7.70e-003	4.63e-005	-6.02e-003	-0.10	-6.99e-003
	586	-9.29e-006	-7.78e-003	4.93e-005	-3.19e-003	-0.10	-7.53e-003
	587	-2.22e-005	-7.78e-003	5.37e-005	-7.87e-004	-0.10	-6.93e-003
	574	-2.22e-005	-7.70e-003	5.07e-005	-1.01e-002	-0.10	-6.39e-003
431	572	-9.23e-006	-7.67e-003	6.80e-005	-5.51e-003	-0.10	-6.00e-003
	585	-9.23e-006	-7.78e-003	4.08e-005	-5.09e-003	-0.10	-5.49e-003
	586	-9.29e-006	-7.78e-003	3.70e-005	-3.03e-003	-0.10	-6.70e-003
	573	-9.29e-006	-7.67e-003	6.42e-005	-5.99e-003	-0.10	-7.20e-003
432	571	-1.87e-005	-7.68e-003	9.36e-005	-7.03e-003	-0.10	-3.31e-003
	584	-1.87e-005	-7.83e-003	4.78e-005	-5.77e-003	-0.10	-2.81e-003
	585	-9.23e-006	-7.83e-003	3.83e-005	-5.87e-003	-0.10	-4.38e-003
	572	-9.23e-006	-7.68e-003	8.41e-005	-5.36e-003	-0.10	-4.89e-003
433	570	-2.35e-005	-7.68e-003	1.49e-004	-6.21e-003	-0.11	2.72e-003
	583	-2.35e-005	-7.93e-003	9.26e-005	-8.27e-003	-0.11	3.04e-003
	584	-1.87e-005	-7.93e-003	5.93e-005	-9.40e-003	-0.11	-9.60e-004
	571	-1.87e-005	-7.68e-003	1.15e-004	-4.09e-003	-0.11	-1.28e-003
434	569	-2.43e-005	-7.64e-003	2.16e-004	-5.73e-003	-0.10	1.18e-002
	582	-2.43e-005	-7.92e-003	1.61e-004	-6.62e-003	-9.29e-002	1.10e-002
	583	-2.35e-005	-7.92e-003	1.19e-004	-1.22e-002	-0.12	5.98e-003
	570	-2.35e-005	-7.64e-003	1.74e-004	-2.73e-003	-0.11	6.82e-003
435	568	-2.30e-005	-7.56e-003	2.63e-004	-6.30e-003	-8.05e-002	1.62e-002
	581	-2.30e-005	-7.78e-003	1.93e-004	-2.93e-003	-7.35e-002	1.51e-002
	582	-2.43e-005	-7.78e-003	1.75e-004	-8.44e-003	-0.10	1.30e-002
	569	-2.43e-005	-7.56e-003	2.45e-004	-4.17e-003	-9.33e-002	1.41e-002
436	567	-2.86e-005	-7.47e-003	3.12e-004	-7.05e-003	-7.03e-002	1.66e-002
	580	-2.86e-005	-7.70e-003	2.09e-004	-2.07e-003	-6.33e-002	1.64e-002
	581	-2.30e-005	-7.70e-003	1.95e-004	-5.77e-003	-8.37e-002	1.59e-002
	568	-2.30e-005	-7.47e-003	2.97e-004	-4.00e-003	-7.61e-002	1.61e-002
437	343	-3.33e-005	-7.38e-003	3.89e-004	-7.95e-003	-6.35e-002	2.02e-002
	282	-3.33e-005	-7.72e-003	2.64e-004	-4.00e-003	-5.22e-002	2.06e-002
	580	-2.86e-005	-7.72e-003	2.22e-004	-9.23e-003	-8.22e-002	1.83e-002
	567	-2.86e-005	-7.38e-003	3.48e-004	-1.42e-003	-6.79e-002	1.79e-002
438	566	1.30e-003	-1.23e-002	-3.92e-003	-2.36e-003	-0.10	-5.29e-002
	578	1.30e-003	-1.28e-002	2.91e-003	-1.32e-002	-0.14	-4.37e-002
	579	-1.49e-003	-1.28e-002	4.18e-003	2.01e-002	-4.34e-002	-5.72e-002
	364	-1.49e-003	-1.23e-002	-2.65e-003	-7.23e-003	-5.80e-002	-6.64e-002
439	565	1.92e-004	-8.02e-003	-1.00e-003	-2.85e-003	-0.15	-2.57e-002
	577	1.92e-004	-9.21e-003	6.78e-004	-2.28e-002	-0.16	-2.38e-002
	578	1.30e-003	-9.21e-003	3.36e-004	-1.06e-002	-0.13	-3.72e-002
	566	1.30e-003	-8.02e-003	-1.34e-003	-9.15e-003	-0.12	-3.91e-002
440	564	-7.83e-005	-7.55e-003	-3.11e-004	-6.69e-003	-0.14	-1.30e-002
	576	-7.83e-005	-8.13e-003	-1.09e-004	-1.65e-002	-0.15	-1.37e-002
	577	1.92e-004	-8.13e-003	-8.66e-005	-1.64e-002	-0.15	-1.91e-002
	565	1.92e-004	-7.55e-003	-2.88e-004	-9.11e-003	-0.15	-1.84e-002
441	563	-8.05e-005	-7.53e-003	-1.11e-004	-8.76e-003	-0.12	-7.90e-003

	575	-8.05e-005	-7.92e-003	-9.27e-005	-1.14e-002	-0.12	-8.77e-003
	576	-7.83e-005	-7.92e-003	-1.57e-004	-1.41e-002	-0.14	-1.10e-002
	564	-7.83e-005	-7.53e-003	-1.75e-004	-8.73e-003	-0.14	-1.01e-002
442	562	-3.80e-005	-7.55e-003	-3.63e-005	-8.96e-003	-0.11	-6.15e-003
	574	-3.80e-005	-7.78e-003	-1.72e-005	-9.02e-003	-0.11	-6.86e-003
	575	-8.05e-005	-7.78e-003	-4.87e-005	-1.08e-002	-0.12	-7.62e-003
	563	-8.05e-005	-7.55e-003	-6.78e-005	-9.41e-003	-0.12	-6.92e-003
443	561	-1.53e-005	-7.55e-003	2.10e-005	-8.46e-003	-0.10	-6.46e-003
	573	-1.53e-005	-7.70e-003	4.14e-005	-6.51e-003	-0.10	-7.31e-003
	574	-3.80e-005	-7.70e-003	1.83e-005	-8.25e-003	-0.11	-7.02e-003
	562	-3.80e-005	-7.55e-003	-2.14e-006	-9.34e-003	-0.11	-6.17e-003
444	560	-1.70e-005	-7.53e-003	5.18e-005	-5.99e-003	-0.10	-5.06e-003
	572	-1.70e-005	-7.67e-003	6.95e-005	-5.38e-003	-0.10	-5.89e-003
	573	-1.53e-005	-7.67e-003	5.93e-005	-7.05e-003	-0.10	-7.22e-003
	561	-1.53e-005	-7.53e-003	4.16e-005	-6.88e-003	-0.10	-6.39e-003
445	559	-3.33e-005	-7.50e-003	7.74e-005	-4.11e-003	-0.10	-1.68e-003
	571	-3.33e-005	-7.68e-003	9.85e-005	-3.97e-003	-0.10	-2.35e-003
	572	-1.70e-005	-7.68e-003	8.56e-005	-5.28e-003	-0.10	-4.84e-003
	560	-1.70e-005	-7.50e-003	6.46e-005	-4.88e-003	-0.10	-4.17e-003
446	558	-4.89e-005	-7.47e-003	9.75e-005	-1.46e-003	-0.10	4.92e-003
	570	-4.89e-005	-7.68e-003	1.33e-004	-2.80e-003	-0.11	4.09e-003
	571	-3.33e-005	-7.68e-003	1.20e-004	-4.38e-003	-0.10	-6.16e-004
	559	-3.33e-005	-7.47e-003	8.49e-005	-2.47e-003	-0.10	2.19e-004
447	557	-4.52e-005	-7.41e-003	1.18e-004	-5.77e-004	-9.43e-002	1.27e-002
	569	-4.52e-005	-7.64e-003	1.72e-004	-3.86e-003	-0.10	1.28e-002
	570	-4.89e-005	-7.64e-003	1.58e-004	-2.66e-003	-0.10	7.78e-003
	558	-4.89e-005	-7.41e-003	1.04e-004	-1.35e-003	-0.10	7.64e-003
448	556	-3.77e-005	-7.33e-003	1.51e-004	-2.35e-003	-8.01e-002	1.67e-002
	568	-3.77e-005	-7.56e-003	2.23e-004	-4.44e-003	-8.12e-002	1.70e-002
	569	-4.52e-005	-7.56e-003	2.02e-004	-2.54e-003	-9.12e-002	1.50e-002
	557	-4.52e-005	-7.33e-003	1.30e-004	-3.05e-003	-8.96e-002	1.46e-002
449	555	-4.98e-005	-7.22e-003	1.91e-004	-3.42e-003	-6.81e-002	1.86e-002
	567	-4.98e-005	-7.47e-003	2.81e-004	-3.34e-003	-7.06e-002	1.83e-002
	568	-3.77e-005	-7.47e-003	2.58e-004	-3.86e-003	-7.54e-002	1.71e-002
	556	-3.77e-005	-7.22e-003	1.68e-004	-3.75e-003	-7.64e-002	1.74e-002
450	290	-6.79e-005	-7.09e-003	2.26e-004	-2.65e-003	-5.76e-002	2.37e-002
	343	-6.79e-005	-7.38e-003	3.37e-004	-2.85e-003	-6.30e-002	2.33e-002
	567	-4.98e-005	-7.38e-003	3.16e-004	-3.96e-003	-6.61e-002	1.94e-002
	555	-4.98e-005	-7.09e-003	2.05e-004	-2.82e-003	-6.65e-002	1.98e-002
451	553	1.93e-003	-1.76e-003	-7.27e-004	-1.07e-002	-8.93e-002	-3.61e-002
	566	1.93e-003	-1.23e-002	-4.14e-003	-8.17e-003	-8.95e-002	-5.26e-002
	364	3.56e-003	-1.23e-002	-6.73e-003	-2.96e-002	-6.10e-002	-7.42e-002
	554	3.56e-003	-1.76e-003	-3.32e-003	-3.54e-002	-3.03e-002	-5.77e-002
452	552	2.22e-004	-5.90e-003	-5.02e-004	4.42e-003	-0.14	-2.33e-002
	565	2.22e-004	-8.02e-003	-1.02e-003	-2.52e-003	-0.14	-2.67e-002
	566	1.93e-003	-8.02e-003	-1.56e-003	-1.83e-003	-0.12	-3.93e-002
	553	1.93e-003	-5.90e-003	-1.05e-003	-5.96e-003	-0.11	-3.58e-002
453	551	-1.08e-004	-6.90e-003	-1.69e-004	8.54e-004	-0.14	-1.56e-002
	564	-1.08e-004	-7.55e-003	-2.93e-004	-4.48e-003	-0.14	-1.34e-002
	565	2.22e-004	-7.55e-003	-3.03e-004	-1.03e-004	-0.14	-1.96e-002
	552	2.22e-004	-6.90e-003	-1.79e-004	2.44e-003	-0.14	-2.17e-002
454	550	-1.30e-004	-7.20e-003	-5.59e-005	-4.73e-003	-0.12	-1.01e-002
	563	-1.30e-004	-7.53e-003	-1.05e-004	-7.66e-003	-0.12	-7.88e-003
	564	-1.08e-004	-7.53e-003	-1.58e-004	-4.46e-003	-0.14	-1.10e-002
	551	-1.08e-004	-7.20e-003	-1.09e-004	-1.68e-003	-0.13	-1.32e-002
455	549	-7.39e-005	-7.33e-003	-1.72e-005	-7.43e-003	-0.11	-6.80e-003
	562	-7.39e-005	-7.55e-003	-4.03e-005	-9.02e-003	-0.11	-5.92e-003
	563	-1.30e-004	-7.55e-003	-6.15e-005	-7.53e-003	-0.12	-7.27e-003
	550	-1.30e-004	-7.33e-003	-3.84e-005	-6.46e-003	-0.12	-8.15e-003
456	548	-3.58e-005	-7.37e-003	2.09e-005	-7.30e-003	-0.10	-5.28e-003

	561	-3.58e-005	-7.55e-003	1.47e-005	-7.52e-003	-0.10	-5.85e-003
	562	-7.39e-005	-7.55e-003	-6.20e-006	-8.39e-003	-0.11	-6.21e-003
	549	-7.39e-005	-7.37e-003	-1.73e-008	-8.01e-003	-0.11	-5.64e-003
457	547	-3.26e-005	-7.36e-003	4.41e-005	-4.73e-003	-0.10	-3.25e-003
	560	-3.26e-005	-7.53e-003	4.64e-005	-4.98e-003	-0.10	-4.62e-003
	561	-3.58e-005	-7.53e-003	3.53e-005	-7.36e-003	-0.10	-5.87e-003
	548	-3.58e-005	-7.36e-003	3.30e-005	-6.17e-003	-0.10	-4.50e-003
458	546	-4.98e-005	-7.33e-003	6.07e-005	-1.90e-003	-0.10	2.22e-004
	559	-4.98e-005	-7.50e-003	6.74e-005	-2.02e-003	-0.10	-1.22e-003
	560	-3.26e-005	-7.50e-003	5.91e-005	-4.66e-003	-0.10	-3.67e-003
	547	-3.26e-005	-7.33e-003	5.24e-005	-3.30e-003	-0.10	-2.22e-003
459	545	-6.64e-005	-7.27e-003	7.10e-005	5.82e-004	-0.10	5.86e-003
	558	-6.64e-005	-7.47e-003	7.99e-005	-1.30e-004	-0.10	4.84e-003
	559	-4.98e-005	-7.47e-003	7.48e-005	-2.12e-003	-0.10	7.58e-004
	546	-4.98e-005	-7.27e-003	6.58e-005	-2.61e-004	-0.10	1.77e-003
460	544	-6.87e-005	-7.19e-003	8.28e-005	1.31e-003	-9.01e-002	1.19e-002
	557	-6.87e-005	-7.41e-003	9.32e-005	-9.17e-004	-9.27e-002	1.21e-002
	558	-6.64e-005	-7.41e-003	8.63e-005	4.12e-005	-0.10	7.91e-003
	545	-6.64e-005	-7.19e-003	7.59e-005	1.01e-003	-0.10	7.68e-003
461	543	-6.73e-005	-7.09e-003	1.05e-004	-2.48e-004	-7.86e-002	1.55e-002
	556	-6.73e-005	-7.33e-003	1.19e-004	-2.01e-003	-7.97e-002	1.63e-002
	557	-6.87e-005	-7.33e-003	1.05e-004	-9.66e-005	-8.85e-002	1.42e-002
	544	-6.87e-005	-7.09e-003	9.10e-005	6.96e-005	-8.64e-002	1.34e-002
462	542	-7.78e-005	-6.96e-003	1.32e-004	-1.91e-003	-6.64e-002	1.81e-002
	555	-7.78e-005	-7.22e-003	1.52e-004	-1.64e-003	-6.75e-002	1.84e-002
	556	-6.73e-005	-7.22e-003	1.36e-004	-1.91e-003	-7.60e-002	1.69e-002
	543	-6.73e-005	-6.96e-003	1.16e-004	-7.68e-004	-7.49e-002	1.66e-002
463	338	-8.84e-005	-6.80e-003	1.50e-004	-2.70e-003	-5.33e-002	2.26e-002
	290	-8.84e-005	-7.09e-003	1.75e-004	-2.00e-003	-5.60e-002	2.30e-002
	555	-7.78e-005	-7.09e-003	1.66e-004	-2.65e-003	-6.55e-002	1.96e-002
	542	-7.78e-005	-6.80e-003	1.41e-004	-1.03e-003	-6.34e-002	1.92e-002
464	540	-4.82e-004	-1.77e-003	2.64e-004	-4.99e-003	-8.36e-002	-1.63e-002
	553	-4.82e-004	-1.76e-003	-1.29e-005	-9.06e-003	-8.59e-002	-3.58e-002
	554	8.71e-003	-1.76e-003	-1.04e-004	-3.64e-002	-2.54e-002	-3.72e-002
	541	8.71e-003	-1.77e-003	1.73e-004	-3.20e-002	-2.57e-002	-1.77e-002
465	539	1.57e-004	-5.87e-003	5.32e-004	5.31e-003	-0.13	-2.17e-002
	552	1.57e-004	-5.90e-003	-3.83e-004	5.73e-003	-0.13	-2.60e-002
	553	-4.82e-004	-5.90e-003	-3.35e-004	-1.63e-003	-0.10	-2.73e-002
	540	-4.82e-004	-5.87e-003	5.80e-004	7.37e-004	-0.10	-2.30e-002
466	538	-1.38e-004	-6.81e-003	1.64e-004	1.30e-003	-0.13	-2.01e-002
	551	-1.38e-004	-6.90e-003	-7.23e-005	2.11e-003	-0.14	-1.72e-002
	552	1.57e-004	-6.90e-003	-5.95e-005	4.92e-003	-0.13	-2.10e-002
	539	1.57e-004	-6.81e-003	1.77e-004	6.52e-003	-0.13	-2.38e-002
467	537	-1.43e-004	-7.07e-003	5.85e-005	-3.80e-003	-0.12	-1.33e-002
	550	-1.43e-004	-7.20e-003	-2.31e-005	-4.34e-003	-0.12	-1.04e-002
	551	-1.38e-004	-7.20e-003	-1.14e-005	1.67e-004	-0.13	-1.48e-002
	538	-1.38e-004	-7.07e-003	7.02e-005	-1.84e-004	-0.13	-1.77e-002
468	536	-8.91e-005	-7.19e-003	2.91e-005	-5.83e-003	-0.11	-7.40e-003
	549	-8.91e-005	-7.33e-003	-6.32e-006	-7.28e-003	-0.11	-6.39e-003
	550	-1.43e-004	-7.33e-003	-5.70e-006	-4.79e-003	-0.12	-9.39e-003
	537	-1.43e-004	-7.19e-003	2.97e-005	-5.48e-003	-0.11	-1.04e-002
469	535	-4.79e-005	-7.23e-003	1.62e-005	-5.12e-003	-0.10	-3.85e-003
	548	-4.79e-005	-7.37e-003	1.41e-005	-6.39e-003	-0.10	-4.44e-003
	549	-8.91e-005	-7.37e-003	1.09e-005	-6.71e-003	-0.10	-6.06e-003
	536	-8.91e-005	-7.23e-003	1.29e-005	-6.45e-003	-0.10	-5.47e-003
470	534	-4.00e-005	-7.21e-003	1.37e-005	-2.65e-003	-0.10	-1.09e-003
	547	-4.00e-005	-7.36e-003	2.97e-005	-3.57e-003	-0.10	-2.52e-003
	548	-4.79e-005	-7.36e-003	2.62e-005	-5.76e-003	-0.10	-4.08e-003
	535	-4.79e-005	-7.21e-003	1.02e-005	-4.42e-003	-0.10	-2.66e-003
471	533	-5.26e-005	-7.16e-003	1.09e-005	1.24e-004	-9.50e-002	2.26e-003

	546	-5.26e-005	-7.33e-003	3.93e-005	-3.75e-004	-0.10	7.82e-004
	547	-4.00e-005	-7.33e-003	3.81e-005	-2.98e-003	-0.10	-1.51e-003
	534	-4.00e-005	-7.16e-003	9.68e-006	-1.41e-003	-0.10	-3.33e-005
472	532	-6.77e-005	-7.09e-003	4.56e-006	2.20e-003	-9.27e-002	6.74e-003
	545	-6.77e-005	-7.27e-003	4.31e-005	1.56e-003	-0.10	5.84e-003
	546	-5.26e-005	-7.27e-003	4.44e-005	-6.51e-005	-0.10	2.61e-003
	533	-5.26e-005	-7.09e-003	5.88e-006	1.32e-003	-0.10	3.51e-003
473	531	-7.48e-005	-6.99e-003	-1.89e-006	2.69e-003	-8.66e-002	1.13e-002
	544	-7.48e-005	-7.19e-003	4.76e-005	1.36e-003	-8.87e-002	1.14e-002
	545	-6.77e-005	-7.19e-003	4.80e-005	1.84e-003	-9.40e-002	8.20e-003
	532	-6.77e-005	-6.99e-003	-1.49e-006	2.51e-003	-9.15e-002	8.09e-003
474	530	-7.84e-005	-6.88e-003	-3.88e-006	1.39e-003	-7.66e-002	1.46e-002
	543	-7.84e-005	-7.09e-003	5.93e-005	3.09e-004	-7.79e-002	1.54e-002
	544	-7.48e-005	-7.09e-003	5.59e-005	1.76e-003	-8.54e-002	1.32e-002
	531	-7.48e-005	-6.88e-003	-7.33e-006	1.97e-003	-8.36e-002	1.25e-002
475	529	-8.50e-005	-6.73e-003	-5.46e-006	-6.24e-004	-6.45e-002	1.73e-002
	542	-8.50e-005	-6.96e-003	7.38e-005	-4.64e-004	-6.58e-002	1.81e-002
	543	-7.84e-005	-6.96e-003	7.02e-005	1.94e-004	-7.42e-002	1.63e-002
	530	-7.84e-005	-6.73e-003	-9.06e-006	8.38e-004	-7.30e-002	1.55e-002
476	335	-8.90e-005	-6.55e-003	-1.37e-005	-2.88e-003	-5.02e-002	2.07e-002
	338	-8.90e-005	-6.80e-003	8.10e-005	-2.34e-003	-5.23e-002	2.19e-002
	542	-8.50e-005	-6.80e-003	8.22e-005	-1.29e-003	-6.22e-002	1.93e-002
	529	-8.50e-005	-6.55e-003	-1.25e-005	-6.83e-004	-6.06e-002	1.82e-002
477	528	1.95e-003	-1.23e-002	4.25e-003	1.93e-003	-9.42e-002	-5.85e-003
	540	1.95e-003	-1.77e-003	9.09e-004	-1.77e-003	-8.69e-002	-1.73e-002
	541	3.06e-003	-1.77e-003	3.49e-003	-2.94e-002	-2.61e-002	-1.43e-003
	365	3.06e-003	-1.23e-002	6.83e-003	-2.57e-003	-4.15e-002	1.01e-002
478	527	2.75e-004	-7.84e-003	1.13e-003	-1.64e-003	-0.13	-2.43e-002
	539	2.75e-004	-5.87e-003	6.45e-004	8.21e-003	-0.13	-2.45e-002
	540	1.95e-003	-5.87e-003	1.22e-003	4.36e-005	-0.11	-1.66e-002
	528	1.95e-003	-7.84e-003	1.71e-003	6.02e-003	-0.12	-1.64e-002
479	526	-7.15e-005	-7.24e-003	3.44e-004	-5.47e-003	-0.13	-2.43e-002
	538	-7.15e-005	-6.81e-003	2.49e-004	1.31e-003	-0.13	-2.12e-002
	539	2.75e-004	-6.81e-003	2.90e-004	3.02e-003	-0.13	-2.39e-002
	527	2.75e-004	-7.24e-003	3.84e-004	1.48e-003	-0.13	-2.70e-002
480	525	-1.17e-004	-7.15e-003	1.26e-004	-5.75e-003	-0.11	-1.46e-002
	537	-1.17e-004	-7.07e-003	8.79e-005	-4.73e-003	-0.12	-1.32e-002
	538	-7.15e-005	-7.07e-003	1.55e-004	-1.07e-003	-0.13	-1.94e-002
	526	-7.15e-005	-7.15e-003	1.93e-004	-5.61e-003	-0.12	-2.07e-002
481	524	-7.78e-005	-7.14e-003	5.47e-005	-4.37e-003	-0.10	-6.65e-003
	536	-7.78e-005	-7.19e-003	3.77e-005	-6.07e-003	-0.10	-6.82e-003
	537	-1.17e-004	-7.19e-003	5.91e-005	-4.13e-003	-0.11	-1.13e-002
	525	-1.17e-004	-7.14e-003	7.62e-005	-6.80e-003	-0.11	-1.11e-002
482	523	-4.49e-005	-7.12e-003	8.55e-006	-2.27e-003	-0.10	-2.05e-003
	535	-4.49e-005	-7.23e-003	6.38e-006	-4.44e-003	-0.10	-3.06e-003
	536	-7.78e-005	-7.23e-003	2.14e-005	-4.78e-003	-0.10	-5.57e-003
	524	-7.78e-005	-7.12e-003	2.36e-005	-4.75e-003	-0.10	-4.55e-003
483	522	-3.86e-005	-7.07e-003	-1.27e-005	1.00e-004	-9.40e-002	9.41e-004
	534	-3.86e-005	-7.21e-003	-5.62e-006	-1.50e-003	-0.10	-4.04e-004
	535	-4.49e-005	-7.21e-003	4.31e-007	-3.32e-003	-0.10	-2.16e-003
	523	-4.49e-005	-7.07e-003	-6.65e-006	-1.84e-003	-0.10	-8.10e-004
484	521	-4.92e-005	-7.01e-003	-2.84e-005	2.29e-003	-9.24e-002	3.93e-003
	533	-4.92e-005	-7.16e-003	-1.60e-005	1.31e-003	-9.41e-002	2.71e-003
	534	-3.86e-005	-7.16e-003	-9.66e-006	-7.62e-004	-0.10	6.96e-004
	522	-3.86e-005	-7.01e-003	-2.20e-005	9.83e-004	-9.45e-002	1.91e-003
485	520	-6.31e-005	-6.93e-003	-4.45e-005	3.73e-003	-8.96e-002	7.40e-003
	532	-6.31e-005	-7.09e-003	-2.92e-005	2.97e-003	-9.16e-002	6.73e-003
	533	-4.92e-005	-7.09e-003	-2.10e-005	1.80e-003	-9.43e-002	4.26e-003
	521	-4.92e-005	-6.93e-003	-3.62e-005	3.03e-003	-9.27e-002	4.93e-003
486	519	-7.24e-005	-6.83e-003	-6.21e-005	3.80e-003	-8.37e-002	1.08e-002

	531	-7.24e-005	-6.99e-003	-4.43e-005	2.89e-003	-8.56e-002	1.10e-002
	532	-6.31e-005	-6.99e-003	-3.53e-005	3.28e-003	-9.04e-002	8.54e-003
	520	-6.31e-005	-6.83e-003	-5.31e-005	3.85e-003	-8.87e-002	8.38e-003
487	518	-7.76e-005	-6.70e-003	-7.96e-005	2.49e-003	-7.45e-002	1.36e-002
	530	-7.76e-005	-6.88e-003	-5.82e-005	1.77e-003	-7.59e-002	1.43e-002
	531	-7.24e-005	-6.88e-003	-4.97e-005	3.13e-003	-8.28e-002	1.25e-002
	519	-7.24e-005	-6.70e-003	-7.12e-005	3.19e-003	-8.15e-002	1.17e-002
488	517	-8.14e-005	-6.53e-003	-9.86e-005	5.11e-005	-6.25e-002	1.57e-002
	529	-8.14e-005	-6.73e-003	-7.26e-005	9.29e-005	-6.40e-002	1.69e-002
	530	-7.76e-005	-6.73e-003	-6.34e-005	1.58e-003	-7.23e-002	1.53e-002
	518	-7.76e-005	-6.53e-003	-8.94e-005	1.76e-003	-7.15e-002	1.42e-002
489	291	-7.99e-005	-6.33e-003	-1.22e-004	-3.17e-003	-4.78e-002	1.81e-002
	335	-7.99e-005	-6.55e-003	-9.19e-005	-2.95e-003	-4.95e-002	1.98e-002
	529	-8.14e-005	-6.55e-003	-7.96e-005	-6.25e-004	-5.97e-002	1.80e-002
	517	-8.14e-005	-6.33e-003	-1.09e-004	-6.86e-004	-5.88e-002	1.63e-002
490	515	1.33e-003	-1.26e-002	-2.87e-003	-1.30e-002	-0.14	-2.25e-002
	528	1.33e-003	-1.23e-002	3.95e-003	1.16e-002	-0.11	-8.98e-003
	365	-1.67e-003	-1.23e-002	2.76e-003	4.37e-003	-3.73e-002	5.39e-003
	516	-1.67e-003	-1.26e-002	-4.06e-003	3.63e-002	-2.28e-002	-8.16e-003
491	514	2.77e-004	-8.81e-003	-6.74e-004	-2.95e-002	-0.15	-3.18e-002
	527	2.77e-004	-7.84e-003	1.08e-003	3.33e-003	-0.14	-2.67e-002
	528	1.33e-003	-7.84e-003	1.41e-003	-4.38e-003	-0.12	-2.07e-002
	515	1.33e-003	-8.81e-003	-3.38e-004	-5.79e-003	-0.11	-2.58e-002
492	513	-2.44e-005	-7.55e-003	8.87e-005	-1.98e-002	-0.12	-2.35e-002
	526	-2.44e-005	-7.24e-003	3.40e-004	-6.01e-003	-0.12	-2.44e-002
	527	2.77e-004	-7.24e-003	3.33e-004	-1.02e-002	-0.13	-3.12e-002
	514	2.77e-004	-7.55e-003	8.18e-005	-1.82e-002	-0.12	-3.04e-002
493	512	-6.54e-005	-7.27e-003	8.40e-005	-8.14e-003	-0.11	-1.13e-002
	525	-6.54e-005	-7.15e-003	1.27e-004	-6.84e-003	-0.11	-1.41e-002
	526	-2.44e-005	-7.15e-003	1.89e-004	-8.20e-003	-0.12	-2.22e-002
	513	-2.44e-005	-7.27e-003	1.46e-004	-1.55e-002	-0.11	-1.93e-002
494	511	-4.47e-005	-7.12e-003	1.70e-005	-1.92e-003	-0.10	-4.33e-003
	524	-4.47e-005	-7.14e-003	4.67e-005	-4.26e-003	-0.10	-6.23e-003
	525	-6.54e-005	-7.14e-003	7.77e-005	-4.75e-003	-0.11	-1.10e-002
	512	-6.54e-005	-7.12e-003	4.81e-005	-7.33e-003	-0.10	-9.07e-003
495	510	-2.67e-005	-7.02e-003	-3.67e-005	1.20e-003	-9.47e-002	-3.08e-004
	523	-2.67e-005	-7.12e-003	-4.51e-006	-1.32e-003	-0.10	-1.60e-003
	524	-4.47e-005	-7.12e-003	1.56e-005	-2.53e-003	-0.10	-4.13e-003
	511	-4.47e-005	-7.02e-003	-1.66e-005	-1.62e-003	-0.10	-2.83e-003
496	509	-2.42e-005	-6.95e-003	-7.10e-005	2.95e-003	-9.32e-002	2.22e-003
	522	-2.42e-005	-7.07e-003	-3.15e-005	1.47e-003	-9.35e-002	1.26e-003
	523	-2.67e-005	-7.07e-003	-1.97e-005	-3.24e-004	-0.10	-2.99e-004
	510	-2.67e-005	-6.95e-003	-5.92e-005	1.75e-003	-9.39e-002	6.65e-004
497	508	-3.18e-005	-6.89e-003	-1.02e-004	4.11e-003	-9.16e-002	4.67e-003
	521	-3.18e-005	-7.01e-003	-5.19e-005	3.58e-003	-9.19e-002	3.99e-003
	522	-2.42e-005	-7.01e-003	-4.09e-005	1.70e-003	-9.36e-002	2.38e-003
	509	-2.42e-005	-6.89e-003	-9.09e-005	3.88e-003	-9.18e-002	3.05e-003
498	507	-4.11e-005	-6.81e-003	-1.41e-004	4.68e-003	-8.93e-002	7.39e-003
	520	-4.11e-005	-6.93e-003	-7.49e-005	4.84e-003	-8.90e-002	7.02e-003
	521	-3.18e-005	-6.93e-003	-5.97e-005	3.38e-003	-9.17e-002	5.26e-003
	508	-3.18e-005	-6.81e-003	-1.26e-004	5.02e-003	-8.92e-002	5.62e-003
499	506	-4.82e-005	-6.71e-003	-1.88e-004	4.06e-003	-8.36e-002	9.86e-003
	519	-4.82e-005	-6.83e-003	-1.01e-004	4.56e-003	-8.31e-002	1.01e-002
	520	-4.11e-005	-6.83e-003	-8.35e-005	4.10e-003	-8.78e-002	8.36e-003
	507	-4.11e-005	-6.71e-003	-1.71e-004	5.31e-003	-8.50e-002	8.11e-003
500	505	-5.17e-005	-6.57e-003	-2.42e-004	2.50e-003	-7.59e-002	1.20e-002
	518	-5.17e-005	-6.70e-003	-1.29e-004	3.46e-003	-7.42e-002	1.26e-002
	519	-4.82e-005	-6.70e-003	-1.10e-004	3.37e-003	-8.08e-002	1.13e-002
	506	-4.82e-005	-6.57e-003	-2.23e-004	4.30e-003	-7.73e-002	1.07e-002
501	504	-5.32e-005	-6.39e-003	-3.00e-004	-2.55e-004	-6.43e-002	1.34e-002

	517	-5.32e-005	-6.53e-003	-1.59e-004	1.20e-003	-6.22e-002	1.44e-002
	518	-5.17e-005	-6.53e-003	-1.39e-004	1.55e-003	-7.09e-002	1.34e-002
	505	-5.17e-005	-6.39e-003	-2.80e-004	2.71e-003	-6.76e-002	1.24e-002
502	330	-5.15e-005	-6.17e-003	-3.61e-004	-4.06e-003	-5.06e-002	1.46e-002
	291	-5.15e-005	-6.33e-003	-1.92e-004	-2.42e-003	-4.76e-002	1.62e-002
	517	-5.32e-005	-6.33e-003	-1.70e-004	-1.51e-003	-5.81e-002	1.53e-002
	504	-5.32e-005	-6.17e-003	-3.39e-004	-1.46e-004	-5.40e-002	1.38e-002
503	503	2.04e-003	-5.65e-003	-1.10e-003	9.37e-003	0.16	-3.14e-002
	515	2.04e-003	-1.26e-002	-3.97e-003	-7.38e-002	-0.13	1.00e-002
	516	-1.83e-004	-1.26e-002	-5.69e-003	8.17e-002	-5.08e-002	3.25e-002
	361	-1.83e-004	-5.65e-003	-2.82e-003	-1.77e-002	-0.36	-8.87e-003
504	502	5.21e-004	-8.16e-003	-1.71e-004	-5.05e-002	-1.73e-002	-1.75e-002
	514	5.21e-004	-8.81e-003	-8.19e-004	-5.71e-002	-0.15	-1.87e-002
	515	2.04e-003	-8.81e-003	-1.44e-003	1.22e-002	-0.13	1.67e-003
	503	2.04e-003	-8.16e-003	-7.91e-004	-0.12	-0.29	2.88e-003
505	501	2.44e-005	-7.86e-003	-2.88e-005	-2.79e-002	-9.27e-002	-5.45e-003
	513	2.44e-005	-7.55e-003	3.87e-006	-2.69e-002	-0.12	-2.08e-002
	514	5.21e-004	-7.55e-003	-6.30e-005	-2.92e-002	-0.13	-1.82e-002
	502	5.21e-004	-7.86e-003	-9.57e-005	-7.33e-002	-0.16	-2.81e-003
506	500	-3.25e-005	-7.35e-003	-3.58e-005	-5.78e-003	-0.10	-2.96e-003
	512	-3.25e-005	-7.27e-003	4.04e-005	-7.83e-003	-0.10	-1.11e-002
	513	2.44e-005	-7.27e-003	6.11e-005	-1.90e-002	-0.11	-1.42e-002
	501	2.44e-005	-7.35e-003	-1.52e-005	-1.99e-002	-0.11	-6.07e-003
507	499	-2.47e-005	-7.05e-003	-4.93e-005	4.17e-003	-0.10	-1.06e-003
	511	-2.47e-005	-7.12e-003	-1.23e-005	-6.16e-004	-0.10	-3.98e-003
	512	-3.25e-005	-7.12e-003	4.45e-006	-4.99e-003	-0.10	-6.97e-003
	500	-3.25e-005	-7.05e-003	-3.25e-005	-5.42e-004	-0.10	-4.04e-003
508	498	-1.51e-005	-6.91e-003	-6.10e-005	7.04e-003	-9.03e-002	1.54e-003
	510	-1.51e-005	-7.02e-003	-6.13e-005	2.12e-003	-9.37e-002	5.75e-004
	511	-2.47e-005	-7.02e-003	-4.59e-005	1.37e-003	-0.10	-1.71e-003
	499	-2.47e-005	-6.91e-003	-4.56e-005	4.81e-003	-0.10	-7.45e-004
509	497	-1.35e-005	-6.82e-003	-7.05e-005	7.97e-003	-8.58e-002	4.04e-003
	509	-1.35e-005	-6.95e-003	-9.34e-005	3.28e-003	-9.22e-002	3.57e-003
	510	-1.51e-005	-6.95e-003	-8.38e-005	4.60e-003	-9.35e-002	1.73e-003
	498	-1.51e-005	-6.82e-003	-6.09e-005	5.19e-003	-0.10	2.20e-003
510	496	-1.78e-005	-6.78e-003	-9.46e-005	8.76e-003	-8.06e-002	6.74e-003
	508	-1.78e-005	-6.89e-003	-1.33e-004	3.53e-003	-9.02e-002	6.38e-003
	509	-1.35e-005	-6.89e-003	-1.13e-004	6.49e-003	-9.17e-002	4.38e-003
	497	-1.35e-005	-6.78e-003	-7.46e-005	4.67e-003	-0.10	4.75e-003
511	495	-2.30e-005	-6.70e-003	-1.27e-004	8.82e-003	-7.51e-002	9.61e-003
	507	-2.30e-005	-6.81e-003	-1.81e-004	3.23e-003	-8.76e-002	9.47e-003
	508	-1.78e-005	-6.81e-003	-1.57e-004	7.85e-003	-8.94e-002	7.29e-003
	496	-1.78e-005	-6.70e-003	-1.03e-004	3.79e-003	-0.10	7.42e-003
512	494	-2.74e-005	-6.61e-003	-1.73e-004	9.18e-003	-6.41e-002	1.23e-002
	506	-2.74e-005	-6.71e-003	-2.44e-004	1.19e-003	-8.14e-002	1.24e-002
	507	-2.30e-005	-6.71e-003	-2.11e-004	8.96e-003	-8.57e-002	1.01e-002
	495	-2.30e-005	-6.61e-003	-1.40e-004	1.65e-003	-0.10	1.00e-002
513	493	-2.93e-005	-6.47e-003	-2.24e-004	7.94e-003	-5.27e-002	1.48e-002
	505	-2.93e-005	-6.57e-003	-3.15e-004	-1.24e-003	-7.36e-002	1.52e-002
	506	-2.74e-005	-6.57e-003	-2.79e-004	8.71e-003	-7.85e-002	1.32e-002
	494	-2.74e-005	-6.47e-003	-1.88e-004	-7.41e-004	-0.10	1.27e-002
514	492	-3.04e-005	-6.27e-003	-2.78e-004	7.13e-003	-3.45e-002	1.66e-002
	504	-3.04e-005	-6.39e-003	-3.90e-004	-5.38e-003	-6.13e-002	1.72e-002
	505	-2.93e-005	-6.39e-003	-3.53e-004	8.16e-003	-6.96e-002	1.54e-002
	493	-2.93e-005	-6.27e-003	-2.41e-004	-4.80e-003	-9.41e-002	1.48e-002
515	287	-3.21e-005	-6.03e-003	-3.31e-004	3.80e-003	-1.66e-002	1.81e-002
	330	-3.21e-005	-6.17e-003	-4.68e-004	-9.05e-003	-4.74e-002	1.89e-002
	504	-3.04e-005	-6.17e-003	-4.29e-004	6.06e-003	-5.65e-002	1.74e-002
	492	-3.04e-005	-6.03e-003	-2.92e-004	-8.65e-003	-8.54e-002	1.66e-002
516	489	-6.57e-005	-1.96e-003	-3.27e-004	5.19e-002	0.12	-7.81e-002

	503	-6.57e-005	-5.65e-003	-1.37e-003	-4.93e-002	5.80e-002	-8.08e-002
	361	-1.52e-005	-5.65e-003	-1.61e-003	1.11e-002	0.35	-0.12
	491	-1.52e-005	-1.96e-003	-5.60e-004	-1.38e-002	0.37	-0.12
517	487	-1.06e-004	-2.78e-003	-3.38e-004	3.49e-002	-3.49e-002	-1.23e-002
	502	-1.06e-004	-8.16e-003	-6.56e-004	-6.95e-002	-7.73e-002	-1.15e-002
	503	-6.57e-005	-8.16e-003	-9.12e-004	-7.44e-002	2.18e-003	-5.86e-002
	489	-6.57e-005	-2.78e-003	-5.94e-004	4.13e-002	5.49e-002	-5.95e-002
518	485	-6.50e-005	-3.26e-003	-3.71e-004	-6.40e-004	-1.85e-002	7.59e-003
	501	-6.50e-005	-7.86e-003	-2.15e-004	-2.73e-002	-3.26e-002	9.50e-004
	502	-1.06e-004	-7.86e-003	-3.05e-004	-4.71e-002	-1.72e-002	-8.22e-004
	487	-1.06e-004	-3.26e-003	-4.61e-004	5.95e-003	-2.77e-002	5.82e-003
519	483	-6.90e-005	-3.39e-003	-3.17e-004	-4.72e-003	9.88e-005	6.20e-003
	500	-6.90e-005	-7.35e-003	-6.88e-005	-4.62e-003	-7.29e-003	-4.49e-004
	501	-6.50e-005	-7.35e-003	-1.19e-004	-1.64e-002	1.07e-003	3.77e-003
	485	-6.50e-005	-3.39e-003	-3.68e-004	-6.10e-003	-1.48e-002	1.04e-002
520	481	-2.74e-005	-3.45e-003	-2.24e-004	-4.08e-004	7.05e-003	3.61e-003
	499	-2.74e-005	-7.05e-003	-7.59e-005	3.47e-003	-6.78e-004	-3.75e-004
	500	-6.90e-005	-7.05e-003	-7.36e-005	-6.68e-004	1.01e-002	8.16e-004
	483	-6.90e-005	-3.45e-003	-2.22e-004	-4.16e-003	-1.13e-005	4.80e-003
521	479	-1.86e-005	-3.48e-003	-1.60e-004	2.73e-003	8.73e-003	3.26e-003
	498	-1.86e-005	-6.91e-003	-4.81e-005	5.56e-003	9.34e-004	1.49e-003
	499	-2.74e-005	-6.91e-003	-8.34e-005	5.15e-003	1.24e-002	6.91e-004
	481	-2.74e-005	-3.48e-003	-1.95e-004	-3.68e-004	6.17e-003	2.46e-003
522	477	3.94e-006	-3.54e-003	-1.71e-004	3.99e-003	8.95e-003	4.35e-003
	497	3.94e-006	-6.82e-003	-9.03e-005	5.95e-003	7.98e-004	3.53e-003
	498	-1.86e-005	-6.82e-003	-5.80e-005	6.59e-003	1.32e-002	2.09e-003
	479	-1.86e-005	-3.54e-003	-1.38e-004	1.73e-003	7.98e-003	2.91e-003
523	475	3.18e-005	-3.60e-003	-1.74e-004	4.39e-003	8.89e-003	6.32e-003
	496	3.18e-005	-6.78e-003	-9.67e-005	5.70e-003	-1.05e-003	5.85e-003
	497	3.94e-006	-6.78e-003	-1.01e-004	6.75e-003	1.42e-002	3.93e-003
	477	3.94e-006	-3.60e-003	-1.79e-004	2.41e-003	8.15e-003	4.40e-003
524	473	2.80e-005	-3.68e-003	-2.79e-004	4.37e-003	9.05e-003	8.37e-003
	495	2.80e-005	-6.70e-003	-1.58e-004	4.71e-003	-3.73e-003	8.14e-003
	496	3.18e-005	-6.70e-003	-1.06e-004	6.81e-003	1.71e-002	6.23e-003
	475	3.18e-005	-3.68e-003	-2.27e-004	1.82e-003	8.18e-003	6.46e-003
525	471	6.42e-005	-3.79e-003	-3.41e-004	4.00e-003	9.28e-003	1.04e-002
	494	6.42e-005	-6.61e-003	-2.07e-004	3.31e-003	-7.54e-003	1.02e-002
	495	2.80e-005	-6.61e-003	-1.78e-004	6.08e-003	2.10e-002	8.26e-003
	473	2.80e-005	-3.79e-003	-3.12e-004	7.90e-004	8.06e-003	8.49e-003
526	469	3.98e-005	-3.93e-003	-4.91e-004	3.45e-003	9.59e-003	1.20e-002
	493	3.98e-005	-6.47e-003	-2.74e-004	7.56e-004	-1.18e-002	1.20e-002
	494	6.42e-005	-6.47e-003	-2.20e-004	5.22e-003	2.62e-002	1.04e-002
	471	6.42e-005	-3.93e-003	-4.38e-004	-1.04e-003	8.10e-003	1.04e-002
527	467	6.98e-005	-4.11e-003	-5.83e-004	2.23e-003	1.00e-002	1.31e-002
	492	6.98e-005	-6.27e-003	-3.48e-004	-2.02e-003	-1.61e-002	1.30e-002
	493	3.98e-005	-6.27e-003	-2.98e-004	3.17e-003	3.18e-002	1.19e-002
	469	3.98e-005	-4.11e-003	-5.33e-004	-3.11e-003	8.06e-003	1.19e-002
528	325	3.70e-005	-4.33e-003	-7.20e-004	7.04e-004	9.96e-003	1.28e-002
	287	3.70e-005	-6.03e-003	-4.01e-004	-6.51e-003	-1.98e-002	1.32e-002
	492	6.98e-005	-6.03e-003	-3.64e-004	9.86e-004	3.78e-002	1.31e-002
	467	6.98e-005	-4.33e-003	-6.82e-004	-6.07e-003	8.24e-003	1.27e-002
529	490	-3.43e-004	7.02e-004	-2.54e-005	4.11e-003	0.19	-5.64e-002
	489	-3.43e-004	-1.96e-003	1.74e-004	3.21e-002	0.15	-0.10
	491	1.85e-005	-1.96e-003	1.85e-004	-3.50e-002	0.37	-0.11
	360	1.85e-005	7.02e-004	-1.40e-005	-1.20e-002	0.35	-6.38e-002
530	488	-9.27e-005	1.24e-003	6.58e-005	1.60e-002	2.06e-002	-2.14e-002
	487	-9.27e-005	-2.78e-003	-2.27e-004	2.17e-002	-1.02e-002	-2.66e-002
	489	-3.43e-004	-2.78e-003	-9.35e-005	1.83e-002	7.55e-002	-6.38e-002
	490	-3.43e-004	1.24e-003	2.00e-004	9.08e-003	0.12	-5.86e-002
531	486	-3.05e-004	9.99e-004	-1.34e-004	7.79e-003	-1.27e-002	-1.57e-004

	485	-3.05e-004	-3.26e-003	-3.49e-004	2.40e-003	-2.00e-002	7.77e-003
	487	-9.27e-005	-3.26e-003	-3.50e-004	2.26e-002	-1.56e-002	-8.23e-003
	488	-9.27e-005	9.99e-004	-1.35e-004	3.30e-003	9.44e-003	-1.62e-002
532	484	2.81e-005	5.11e-004	1.59e-004	8.53e-004	-4.69e-003	4.19e-003
	483	2.81e-005	-3.39e-003	-2.99e-004	-1.99e-003	-3.75e-003	7.28e-003
	485	-3.05e-004	-3.39e-003	-3.46e-004	4.06e-003	-1.19e-002	6.40e-003
	486	-3.05e-004	5.11e-004	1.12e-004	9.14e-004	-9.18e-003	3.32e-003
533	482	-1.37e-004	1.81e-004	-8.35e-005	-6.78e-004	4.15e-003	3.47e-003
	481	-1.37e-004	-3.45e-003	-2.11e-004	-5.16e-004	5.59e-003	3.47e-003
	483	2.81e-005	-3.45e-003	-2.03e-004	-1.36e-003	4.74e-005	4.93e-003
	484	2.81e-005	1.81e-004	-7.53e-005	1.60e-004	-1.45e-003	4.93e-003
534	480	6.60e-006	-9.36e-005	8.86e-005	-3.34e-004	8.29e-003	3.05e-003
	479	6.60e-006	-3.48e-003	-1.34e-004	1.28e-003	8.79e-003	2.51e-003
	481	-1.37e-004	-3.48e-003	-1.83e-004	-3.21e-004	5.84e-003	2.84e-003
	482	-1.37e-004	-9.36e-005	3.96e-005	1.97e-004	5.68e-003	3.38e-003
535	478	4.68e-005	-2.08e-004	-5.48e-007	1.15e-004	9.68e-003	3.66e-003
	477	4.68e-005	-3.54e-003	-1.50e-004	2.26e-003	9.55e-003	3.33e-003
	479	6.60e-006	-3.54e-003	-1.12e-004	1.30e-003	7.74e-003	2.68e-003
	480	6.60e-006	-2.08e-004	3.77e-005	4.08e-004	8.93e-003	3.01e-003
536	476	-1.42e-005	-4.04e-004	-1.61e-005	3.32e-004	9.95e-003	4.85e-003
	475	-1.42e-005	-3.60e-003	-1.34e-004	2.52e-003	9.79e-003	4.80e-003
	477	4.68e-005	-3.60e-003	-1.58e-004	2.18e-003	8.01e-003	3.74e-003
	478	4.68e-005	-4.04e-004	-4.03e-005	5.71e-004	9.99e-003	3.79e-003
537	474	1.91e-004	-5.74e-004	7.01e-005	3.34e-004	9.88e-003	6.13e-003
	473	1.91e-004	-3.68e-003	-2.32e-004	2.33e-003	1.01e-002	6.29e-003
	475	-1.42e-005	-3.68e-003	-1.87e-004	2.37e-003	7.85e-003	5.23e-003
	476	-1.42e-005	-5.74e-004	1.16e-004	6.23e-004	1.03e-002	5.07e-003
538	472	-2.58e-005	-8.95e-004	-1.03e-004	2.07e-004	9.58e-003	7.18e-003
	471	-2.58e-005	-3.79e-003	-2.71e-004	1.77e-003	1.06e-002	7.53e-003
	473	1.91e-004	-3.79e-003	-2.65e-004	2.06e-003	7.49e-003	6.69e-003
	474	1.91e-004	-8.95e-004	-9.74e-005	6.07e-004	1.02e-002	6.33e-003
539	470	2.56e-004	-1.30e-003	1.08e-004	-2.03e-005	9.11e-003	7.76e-003
	469	2.56e-004	-3.93e-003	-4.02e-004	8.54e-004	1.12e-002	8.30e-003
	471	-2.58e-005	-3.93e-003	-3.67e-004	1.39e-003	7.08e-003	7.85e-003
	472	-2.58e-005	-1.30e-003	1.43e-004	5.05e-004	1.01e-002	7.32e-003
540	468	-2.70e-005	-1.86e-003	-1.47e-004	-3.43e-004	8.37e-003	7.62e-003
	467	-2.70e-005	-4.11e-003	-4.76e-004	-4.93e-004	1.18e-002	8.37e-003
	469	2.56e-004	-4.11e-003	-4.44e-004	3.45e-004	6.60e-003	8.52e-003
	470	2.56e-004	-1.86e-003	-1.15e-004	3.14e-004	9.69e-003	7.77e-003
541	286	2.31e-004	-2.56e-003	1.05e-004	-9.17e-004	7.32e-003	6.62e-003
	325	2.31e-004	-4.33e-003	-5.81e-004	-1.98e-003	1.19e-002	7.52e-003
	467	-2.70e-005	-4.33e-003	-5.75e-004	-1.16e-003	6.09e-003	8.35e-003
	468	-2.70e-005	-2.56e-003	1.11e-004	4.84e-005	9.03e-003	7.45e-003
542	453	-1.80e-004	-5.21e-004	5.40e-004	1.09e-003	4.97e-003	-4.61e-003
	466	-1.80e-004	-2.04e-003	5.45e-005	-7.34e-005	3.32e-003	-4.22e-003
	359	3.58e-006	-2.04e-003	1.20e-004	1.06e-003	1.92e-003	-3.30e-003
	454	3.58e-006	-5.21e-004	6.06e-004	7.31e-004	-1.58e-003	-3.69e-003
543	452	2.62e-005	-7.12e-004	5.29e-004	-1.75e-005	1.04e-002	-5.78e-003
	465	2.62e-005	-2.77e-003	-8.22e-005	-2.22e-004	8.27e-003	-4.91e-003
	466	-1.80e-004	-2.77e-003	-9.46e-005	5.38e-004	5.32e-003	-4.37e-003
	453	-1.80e-004	-7.12e-004	5.17e-004	9.41e-004	2.06e-003	-5.24e-003
544	451	-2.82e-004	-8.57e-004	3.84e-004	-6.19e-004	1.61e-002	-5.09e-003
	464	-2.82e-004	-3.46e-003	1.27e-004	-5.40e-004	1.34e-002	-4.41e-003
	465	2.62e-005	-3.46e-003	1.71e-004	9.05e-005	1.07e-002	-4.92e-003
	452	2.62e-005	-8.57e-004	4.28e-004	1.05e-004	9.03e-003	-5.61e-003
545	450	2.62e-005	-9.74e-004	2.85e-004	-3.63e-004	1.79e-002	-3.72e-003
	463	2.62e-005	-3.95e-003	-1.63e-004	-5.47e-004	1.58e-002	-3.63e-003
	464	-2.82e-004	-3.95e-003	-1.17e-004	-2.95e-005	1.48e-002	-4.32e-003
	451	-2.82e-004	-9.74e-004	3.31e-004	-7.09e-004	1.41e-002	-4.41e-003
546	449	-1.41e-004	-1.07e-003	1.99e-004	6.89e-005	1.72e-002	-3.35e-003

	462	-1.41e-004	-4.22e-003	8.15e-005	-2.59e-004	1.63e-002	-3.52e-003
	463	2.62e-005	-4.22e-003	7.12e-005	1.24e-004	1.61e-002	-3.56e-003
	450	2.62e-005	-1.07e-003	1.89e-004	-6.49e-004	1.53e-002	-3.39e-003
547	448	3.64e-006	-1.13e-003	1.31e-004	9.50e-005	1.81e-002	-4.03e-003
	461	3.64e-006	-4.47e-003	-8.80e-005	-1.17e-004	1.78e-002	-3.95e-003
	462	-1.41e-004	-4.47e-003	-4.17e-005	2.38e-004	1.67e-002	-3.51e-003
	449	-1.41e-004	-1.13e-003	1.77e-004	-9.59e-005	1.55e-002	-3.59e-003
548	447	4.89e-005	-1.19e-003	1.53e-004	-6.32e-004	2.14e-002	-4.77e-003
	460	4.89e-005	-4.59e-003	2.67e-006	-1.82e-004	2.13e-002	-4.25e-003
	461	3.64e-006	-4.59e-003	-3.74e-005	7.25e-005	1.88e-002	-3.93e-003
	448	3.64e-006	-1.19e-003	1.13e-004	1.43e-004	1.81e-002	-4.45e-003
549	446	8.76e-006	-1.24e-003	1.24e-004	-4.20e-003	2.71e-002	-3.77e-003
	459	8.76e-006	-4.79e-003	1.12e-005	-4.85e-004	2.40e-002	-2.01e-003
	460	4.89e-005	-4.79e-003	4.27e-005	-9.00e-004	2.29e-002	-3.78e-003
	447	4.89e-005	-1.24e-003	1.55e-004	-3.03e-004	2.34e-002	-5.54e-003
550	445	2.30e-004	-1.36e-003	1.53e-004	-5.98e-003	2.39e-002	4.91e-003
	458	2.30e-004	-4.90e-003	-8.95e-005	-1.81e-003	1.52e-002	5.67e-003
	459	8.76e-006	-4.90e-003	-1.10e-004	-2.81e-003	2.50e-002	-9.97e-004
	446	8.76e-006	-1.36e-003	1.33e-004	-3.46e-003	2.98e-002	-1.76e-003
551	444	-4.71e-006	-1.57e-003	9.35e-005	-1.29e-003	-1.18e-002	1.65e-002
	457	-4.71e-006	-4.98e-003	7.81e-005	-1.47e-003	-1.81e-002	1.28e-002
	458	2.30e-004	-4.98e-003	9.77e-005	-2.56e-003	8.19e-003	6.63e-003
	445	2.30e-004	-1.57e-003	1.13e-004	-7.49e-003	1.44e-002	1.03e-002
552	443	2.45e-004	-1.88e-003	1.81e-004	6.39e-003	-6.61e-002	1.73e-002
	456	2.45e-004	-4.99e-003	-1.23e-004	8.60e-004	-6.33e-002	1.12e-002
	457	-4.71e-006	-4.99e-003	-1.55e-004	3.68e-004	-3.26e-002	1.30e-002
	444	-4.71e-006	-1.88e-003	1.49e-004	-5.04e-003	-3.33e-002	1.90e-002
553	442	-1.53e-005	-2.22e-003	2.86e-004	6.71e-003	-0.10	2.81e-003
	455	-1.53e-005	-5.13e-003	1.43e-004	3.57e-003	-8.86e-002	7.19e-004
	456	2.45e-004	-5.13e-003	9.34e-005	3.27e-003	-7.54e-002	1.03e-002
	443	2.45e-004	-2.22e-003	2.36e-004	2.85e-003	-8.61e-002	1.24e-002
554	318	3.45e-004	-2.69e-003	3.13e-004	-7.32e-003	-7.03e-002	-8.54e-003
	285	3.45e-004	-5.40e-003	-1.74e-004	1.40e-003	-8.09e-002	-1.22e-003
	455	-1.53e-005	-5.40e-003	-1.25e-004	1.22e-003	-8.51e-002	5.48e-004
	442	-1.53e-005	-2.69e-003	3.63e-004	7.36e-003	-0.10	-6.78e-003
555	441	-3.45e-005	8.59e-004	3.09e-004	-2.55e-003	-2.32e-002	-6.85e-003
	453	-3.45e-005	-5.21e-004	6.40e-004	5.34e-003	3.13e-003	-8.04e-003
	454	4.97e-006	-5.21e-004	7.02e-004	-2.04e-003	-7.81e-004	-6.77e-003
	358	4.97e-006	8.59e-004	3.71e-004	2.49e-003	2.30e-002	-5.59e-003
556	440	-6.95e-005	1.28e-003	2.66e-004	-1.20e-003	-1.11e-002	-7.23e-003
	452	-6.95e-005	-7.12e-004	5.96e-004	3.41e-003	9.49e-003	-8.28e-003
	453	-3.45e-005	-7.12e-004	6.16e-004	-1.14e-003	2.79e-003	-8.50e-003
	441	-3.45e-005	1.28e-003	2.87e-004	1.26e-003	2.39e-002	-7.45e-003
557	439	-4.93e-005	1.66e-003	2.02e-004	7.72e-004	6.62e-004	-6.14e-003
	451	-4.93e-005	-8.57e-004	4.40e-004	1.39e-003	1.58e-002	-7.00e-003
	452	-6.95e-005	-8.57e-004	4.95e-004	-1.82e-003	1.02e-002	-8.25e-003
	440	-6.95e-005	1.66e-003	2.56e-004	2.28e-003	2.79e-002	-7.39e-003
558	438	-6.25e-005	1.91e-003	1.32e-004	-5.66e-004	5.05e-003	-4.90e-003
	450	-6.25e-005	-9.74e-004	3.32e-004	1.48e-003	1.74e-002	-5.19e-003
	451	-4.93e-005	-9.74e-004	3.87e-004	-2.50e-003	1.55e-002	-6.52e-003
	439	-4.93e-005	1.91e-003	1.88e-004	2.84e-003	3.06e-002	-6.23e-003
559	437	-2.19e-005	2.05e-003	1.14e-004	-1.85e-003	7.94e-003	-3.95e-003
	449	-2.19e-005	-1.07e-003	2.23e-004	1.33e-003	1.66e-002	-4.18e-003
	450	-6.25e-005	-1.07e-003	2.36e-004	-1.31e-003	1.62e-002	-5.03e-003
	438	-6.25e-005	2.05e-003	1.27e-004	3.19e-004	2.65e-002	-4.79e-003
560	436	-1.38e-005	2.13e-003	5.49e-005	-2.17e-003	1.13e-002	-4.44e-003
	448	-1.38e-005	-1.13e-003	1.55e-004	9.48e-004	1.74e-002	-4.67e-003
	449	-2.19e-005	-1.13e-003	2.01e-004	-1.91e-004	1.57e-002	-4.46e-003
	437	-2.19e-005	2.13e-003	1.01e-004	-1.48e-003	2.13e-002	-4.23e-003
561	435	1.12e-005	2.22e-003	7.18e-005	-1.03e-003	1.55e-002	-4.13e-003

	447	1.12e-005	-1.19e-003	1.61e-004	1.57e-003	2.15e-002	-5.10e-003
	448	-1.38e-005	-1.19e-003	1.38e-004	-5.18e-004	1.77e-002	-5.24e-003
	436	-1.38e-005	2.22e-003	4.79e-005	-8.63e-004	2.39e-002	-4.27e-003
562	434	4.66e-005	2.35e-003	7.87e-005	3.75e-003	2.95e-002	-5.24e-003
	446	4.66e-005	-1.24e-003	1.59e-004	-1.93e-003	2.86e-002	-5.39e-003
	447	1.12e-005	-1.24e-003	1.64e-004	1.42e-003	2.26e-002	-5.03e-003
	435	1.12e-005	2.35e-003	8.35e-005	8.94e-005	2.09e-002	-4.87e-003
563	433	4.51e-005	2.48e-003	2.33e-004	1.11e-002	3.50e-002	2.71e-003
	445	4.51e-005	-1.36e-003	2.56e-004	-9.51e-003	2.77e-002	2.99e-003
	446	4.66e-005	-1.36e-003	1.68e-004	-5.53e-003	3.27e-002	-3.03e-003
	434	4.66e-005	2.48e-003	1.44e-004	7.66e-003	3.76e-002	-3.31e-003
564	432	7.51e-005	2.14e-003	4.15e-004	3.11e-003	-2.20e-002	1.49e-002
	444	7.51e-005	-1.57e-003	2.81e-004	-2.80e-003	-1.09e-002	1.31e-002
	445	4.51e-005	-1.57e-003	2.17e-004	-1.33e-002	2.00e-002	6.83e-003
	433	4.51e-005	2.14e-003	3.50e-004	1.02e-002	4.38e-002	8.57e-003
565	431	4.07e-005	1.34e-003	5.34e-004	-1.12e-002	-8.69e-002	1.61e-002
	443	4.07e-005	-1.88e-003	3.91e-004	4.02e-003	-7.09e-002	1.50e-002
	444	7.51e-005	-1.88e-003	3.37e-004	-6.34e-003	-2.98e-002	1.50e-002
	432	7.51e-005	1.34e-003	4.80e-004	-2.93e-003	-1.36e-002	1.60e-002
566	430	9.68e-005	5.41e-004	5.48e-004	-2.36e-002	-0.14	-6.63e-004
	442	9.68e-005	-2.22e-003	4.61e-004	1.25e-002	-0.11	-2.86e-003
	443	4.07e-005	-2.22e-003	4.47e-004	4.01e-003	-9.04e-002	1.10e-002
	431	4.07e-005	5.41e-004	5.34e-004	-1.95e-002	-8.21e-002	1.32e-002
567	284	1.08e-004	3.50e-004	6.50e-004	-5.28e-003	-0.13	-2.06e-002
	318	1.08e-004	-2.69e-003	5.96e-004	-1.01e-003	-7.26e-002	-2.40e-002
	442	9.68e-005	-2.69e-003	5.38e-004	5.03e-003	-0.11	-7.99e-003
	430	9.68e-005	3.50e-004	5.92e-004	-1.80e-002	-8.54e-002	-4.61e-003
568	427	3.68e-005	8.03e-004	2.89e-004	-5.62e-003	4.79e-002	-7.09e-003
	441	3.68e-005	8.59e-004	2.14e-004	3.66e-003	6.60e-002	-7.50e-003
	358	2.56e-005	8.59e-004	2.56e-004	-5.29e-003	1.37e-002	-8.72e-003
	429	2.56e-005	8.03e-004	3.32e-004	2.06e-003	3.33e-002	-8.32e-003
569	425	2.02e-005	1.07e-003	2.05e-004	-3.42e-003	6.54e-002	-6.22e-003
	440	2.02e-005	1.28e-003	1.47e-004	3.45e-003	7.79e-002	-7.34e-003
	441	3.68e-005	1.28e-003	1.97e-004	-4.65e-003	3.91e-002	-8.31e-003
	427	3.68e-005	1.07e-003	2.54e-004	1.21e-003	5.28e-002	-7.20e-003
570	423	-4.09e-006	1.31e-003	1.80e-004	-2.82e-003	7.96e-002	-6.18e-003
	439	-4.09e-006	1.66e-003	1.36e-004	5.01e-003	9.06e-002	-7.07e-003
	440	2.02e-005	1.66e-003	1.34e-004	-2.08e-003	5.81e-002	-7.34e-003
	425	2.02e-005	1.31e-003	1.79e-004	1.54e-003	6.95e-002	-6.46e-003
571	421	1.04e-005	1.48e-003	1.67e-004	-3.41e-003	8.70e-002	-6.89e-003
	438	1.04e-005	1.91e-003	1.24e-004	2.86e-003	0.10	-6.41e-003
	439	-4.09e-006	1.91e-003	1.31e-004	-4.90e-004	7.34e-002	-6.76e-003
	423	-4.09e-006	1.48e-003	1.74e-004	1.43e-003	8.25e-002	-7.24e-003
572	419	2.33e-005	1.61e-003	1.27e-004	-4.55e-003	9.13e-002	-5.49e-003
	437	2.33e-005	2.05e-003	8.35e-005	1.69e-004	0.10	-4.87e-003
	438	1.04e-005	2.05e-003	1.12e-004	-3.01e-003	8.00e-002	-6.16e-003
	421	1.04e-005	1.61e-003	1.55e-004	5.38e-004	8.93e-002	-6.78e-003
573	417	1.65e-005	1.71e-003	7.05e-005	-2.70e-003	9.40e-002	-3.64e-003
	436	1.65e-005	2.13e-003	3.34e-005	-1.32e-003	0.10	-4.05e-003
	437	2.33e-005	2.13e-003	6.99e-005	-3.44e-003	8.69e-002	-5.26e-003
	419	2.33e-005	1.71e-003	1.07e-004	-1.85e-003	9.24e-002	-4.85e-003
574	415	7.41e-006	1.79e-003	8.32e-005	-9.97e-005	9.47e-002	-2.71e-003
	435	7.41e-006	2.22e-003	7.29e-005	-3.56e-004	0.10	-3.67e-003
	436	1.65e-005	2.22e-003	3.21e-005	-2.47e-003	9.06e-002	-4.08e-003
	417	1.65e-005	1.79e-003	4.24e-005	-9.47e-004	9.40e-002	-3.13e-003
575	413	-1.43e-004	1.82e-003	2.46e-005	1.43e-003	0.10	-2.49e-003
	434	-1.43e-004	2.35e-003	-5.79e-005	8.01e-003	0.11	-5.01e-003
	435	7.41e-006	2.35e-003	4.54e-005	-5.42e-004	9.11e-002	-4.32e-003
	415	7.41e-006	1.82e-003	1.28e-004	2.18e-003	0.10	-1.81e-003
576	411	-2.69e-004	2.01e-003	5.12e-004	-3.80e-003	0.10	-3.67e-003

	433	-2.69e-004	2.48e-003	2.31e-004	2.13e-002	0.13	-5.67e-003
	434	-1.43e-004	2.48e-003	-4.19e-005	2.85e-003	7.82e-002	-2.92e-003
	413	-1.43e-004	2.01e-003	2.39e-004	8.45e-003	0.10	-9.22e-004
577	409	-1.41e-004	2.26e-003	1.07e-003	-1.59e-002	9.42e-002	-5.81e-003
	432	-1.41e-004	2.14e-003	6.26e-004	2.08e-002	0.16	-3.12e-003
	433	-2.69e-004	2.14e-003	3.30e-004	-3.01e-003	4.01e-002	4.00e-004
	411	-2.69e-004	2.26e-003	7.75e-004	1.62e-002	0.10	-2.28e-003
578	407	-2.96e-005	2.60e-003	1.19e-003	-2.71e-002	7.46e-002	-8.64e-003
	431	-2.96e-005	1.34e-003	5.16e-004	5.54e-003	0.16	-3.85e-003
	432	-1.41e-004	1.34e-003	6.35e-004	-2.34e-002	4.95e-003	-5.25e-004
	409	-1.41e-004	2.60e-003	1.31e-003	1.67e-002	9.08e-002	-5.32e-003
579	405	4.55e-004	3.06e-003	1.37e-003	-2.89e-002	6.46e-002	-1.02e-002
	430	4.55e-004	5.41e-004	5.75e-004	-6.03e-003	0.15	-9.45e-003
	431	-2.96e-005	5.41e-004	5.01e-004	-4.36e-002	-1.05e-002	-6.87e-003
	407	-2.96e-005	3.06e-003	1.29e-003	1.10e-002	7.42e-002	-7.64e-003
580	305	-6.79e-004	2.92e-003	6.73e-004	-1.66e-002	8.16e-002	-8.91e-003
	284	-6.79e-004	3.50e-004	3.59e-004	2.60e-002	0.18	-2.26e-002
	430	4.55e-004	3.50e-004	5.59e-004	-4.66e-002	-1.55e-002	-1.63e-002
	405	4.55e-004	2.92e-003	8.73e-004	1.36e-002	7.91e-002	-2.62e-003
581	428	1.36e-004	7.72e-004	1.37e-005	-2.68e-003	5.00e-002	-6.33e-003
	427	1.36e-004	8.03e-004	1.88e-004	-2.46e-003	4.58e-002	-4.31e-003
	429	-1.92e-005	8.03e-004	2.10e-004	8.00e-004	3.61e-002	-5.32e-003
	367	-1.92e-005	7.72e-004	3.55e-005	-5.70e-004	3.34e-002	-7.34e-003
582	426	-1.99e-005	9.13e-004	-1.21e-004	-3.30e-004	6.45e-002	-3.28e-003
	425	-1.99e-005	1.07e-003	1.31e-004	-1.69e-003	6.42e-002	-4.32e-003
	427	1.36e-004	1.07e-003	1.53e-004	-1.50e-003	5.44e-002	-4.85e-003
	428	1.36e-004	9.13e-004	-9.80e-005	-3.29e-003	5.49e-002	-3.80e-003
583	424	1.89e-006	9.21e-004	-2.55e-005	-1.03e-004	7.84e-002	-5.07e-003
	423	1.89e-006	1.31e-003	1.16e-004	-1.08e-003	7.80e-002	-4.93e-003
	425	-1.99e-005	1.31e-003	1.04e-004	-2.51e-004	7.06e-002	-4.08e-003
	426	-1.99e-005	9.21e-004	-3.77e-005	-5.66e-004	6.90e-002	-4.21e-003
584	422	-1.04e-005	1.01e-003	-1.82e-005	-5.71e-004	8.72e-002	-6.43e-003
	421	-1.04e-005	1.48e-003	1.13e-004	-1.13e-003	8.62e-002	-6.14e-003
	423	1.89e-006	1.48e-003	1.10e-004	-5.26e-004	8.31e-002	-5.34e-003
	424	1.89e-006	1.01e-003	-2.10e-005	-3.89e-004	8.09e-002	-5.64e-003
585	420	8.72e-005	1.15e-003	2.25e-005	-5.83e-003	0.10	-6.47e-003
	419	8.72e-005	1.61e-003	9.61e-005	-3.57e-003	9.08e-002	-4.01e-003
	421	-1.04e-005	1.61e-003	1.01e-004	-1.81e-003	9.06e-002	-5.50e-003
	422	-1.04e-005	1.15e-003	2.75e-005	-1.07e-003	8.76e-002	-7.96e-003
586	418	-1.75e-005	1.26e-003	-7.30e-005	-1.04e-003	9.33e-002	-2.61e-004
	417	-1.75e-005	1.71e-003	4.93e-005	-1.89e-003	9.43e-002	-2.66e-003
	419	8.72e-005	1.71e-003	7.64e-005	-3.29e-003	9.30e-002	-4.37e-003
	420	8.72e-005	1.26e-003	-4.59e-005	-6.02e-003	0.10	-1.97e-003
587	416	6.03e-006	1.26e-003	1.76e-005	-4.80e-005	0.10	-9.15e-004
	415	6.03e-006	1.79e-003	5.66e-005	4.15e-004	9.46e-002	-1.52e-003
	417	-1.75e-005	1.79e-003	2.13e-005	-6.73e-004	9.44e-002	-2.07e-003
	418	-1.75e-005	1.26e-003	-1.78e-005	-5.71e-004	9.35e-002	-1.46e-003
588	414	1.62e-004	1.29e-003	-5.76e-005	-1.51e-006	0.10	5.19e-004
	413	1.62e-004	1.82e-003	3.88e-005	1.66e-003	0.10	2.82e-004
	415	6.03e-006	1.82e-003	1.01e-004	1.02e-003	0.10	-1.07e-003
	416	6.03e-006	1.29e-003	5.03e-006	6.44e-006	0.10	-8.38e-004
589	412	-9.54e-004	1.14e-003	-4.39e-004	-3.76e-003	0.11	2.19e-003
	411	-9.54e-004	2.01e-003	4.11e-004	-1.83e-004	0.10	4.01e-003
	413	1.62e-004	2.01e-003	2.54e-004	2.30e-003	0.11	1.30e-003
	414	1.62e-004	1.14e-003	-5.96e-004	-1.41e-003	0.10	-5.13e-004
590	410	1.63e-004	2.08e-003	5.57e-004	7.20e-004	9.35e-002	7.02e-003
	409	1.63e-004	2.26e-003	8.87e-004	-2.91e-003	8.81e-002	5.95e-003
	411	-9.54e-004	2.26e-003	6.74e-004	1.56e-003	0.11	4.25e-003
	412	-9.54e-004	2.08e-003	3.43e-004	-6.58e-003	0.11	5.32e-003
591	408	4.04e-005	4.08e-003	-1.61e-004	9.00e-004	7.68e-002	4.68e-003

	407	4.04e-005	2.60e-003	9.42e-004	-6.10e-003	6.72e-002	5.37e-003
	409	1.63e-004	2.60e-003	1.12e-003	-1.67e-004	0.10	6.00e-003
	410	1.63e-004	4.08e-003	1.92e-005	-3.21e-003	8.66e-002	5.31e-003
592	406	5.50e-005	5.89e-003	5.04e-005	-1.30e-003	7.58e-002	6.53e-003
	405	5.50e-005	3.06e-003	1.41e-003	-6.05e-003	5.85e-002	6.75e-003
	407	4.04e-005	3.06e-003	1.05e-003	-3.91e-003	8.16e-002	4.56e-003
	408	4.04e-005	5.89e-003	-3.07e-004	-2.85e-003	6.76e-002	4.34e-003
593	293	-2.14e-003	9.82e-003	7.14e-004	5.99e-003	0.12	1.72e-002
	305	-2.14e-003	2.92e-003	4.31e-004	-2.43e-002	7.15e-002	2.07e-002
	405	5.50e-005	2.92e-003	9.12e-004	-2.94e-003	9.27e-002	1.01e-002
	406	5.50e-005	9.82e-003	1.20e-003	-6.10e-003	6.28e-002	6.66e-003
594	390	1.46e-004	6.37e-004	-1.38e-004	-1.87e-004	7.13e-002	-2.49e-002
	404	1.46e-004	4.86e-004	-4.07e-005	3.92e-003	6.57e-002	-2.55e-002
	366	-9.91e-006	4.86e-004	-5.21e-005	2.51e-005	5.51e-002	-3.00e-002
	392	-9.91e-006	6.37e-004	-1.50e-004	2.18e-003	5.62e-002	-2.94e-002
595	388	-1.94e-005	8.19e-004	-1.03e-004	-5.21e-005	7.63e-002	-1.98e-002
	403	-1.94e-005	6.20e-004	9.34e-005	5.45e-004	7.90e-002	-1.85e-002
	404	1.46e-004	6.20e-004	7.55e-005	4.78e-003	6.68e-002	-2.13e-002
	390	1.46e-004	8.19e-004	-1.21e-004	-6.87e-004	7.37e-002	-2.26e-002
596	386	-1.93e-006	9.55e-004	-8.62e-005	-4.46e-004	8.90e-002	-1.96e-002
	402	-1.93e-006	6.68e-004	1.54e-005	2.01e-004	8.98e-002	-1.94e-002
	403	-1.94e-005	6.68e-004	2.03e-005	6.85e-004	8.04e-002	-1.95e-002
	388	-1.94e-005	9.55e-004	-8.13e-005	-4.27e-004	8.12e-002	-1.97e-002
597	384	-1.27e-005	1.07e-003	-7.83e-005	-6.80e-004	0.10	-1.91e-002
	401	-1.27e-005	7.44e-004	9.84e-006	7.40e-004	0.10	-1.90e-002
	402	-1.93e-006	7.44e-004	1.32e-005	4.93e-006	9.40e-002	-1.96e-002
	386	-1.93e-006	1.07e-003	-7.49e-005	2.79e-004	9.44e-002	-1.97e-002
598	382	8.98e-005	1.16e-003	-4.95e-005	2.07e-003	0.11	-1.38e-002
	400	8.98e-005	8.57e-004	-3.62e-005	6.48e-003	0.11	-1.63e-002
	401	-1.27e-005	8.57e-004	-4.75e-005	7.26e-004	0.11	-2.01e-002
	384	-1.27e-005	1.16e-003	-6.07e-005	1.16e-003	0.11	-1.76e-002
599	380	-1.43e-005	1.23e-003	-1.70e-005	1.81e-003	0.11	-1.00e-002
	399	-1.43e-005	8.85e-004	5.08e-005	9.73e-004	0.12	-7.70e-003
	400	8.98e-005	8.85e-004	3.36e-005	6.95e-003	0.11	-1.06e-002
	382	8.98e-005	1.23e-003	-3.42e-005	1.98e-003	0.11	-1.29e-002
600	378	8.37e-006	1.27e-003	-2.72e-005	8.26e-004	0.12	-9.59e-003
	398	8.37e-006	8.73e-004	-1.96e-005	1.30e-004	0.12	-9.35e-003
	399	-1.43e-005	8.73e-004	9.70e-006	9.52e-004	0.12	-9.16e-003
	380	-1.43e-005	1.27e-003	2.13e-006	6.36e-004	0.12	-9.39e-003
601	376	1.62e-004	1.25e-003	-2.43e-005	2.47e-003	0.12	-9.59e-003
	397	1.62e-004	8.83e-004	4.69e-005	6.24e-004	0.12	-1.03e-002
	398	8.37e-006	8.83e-004	-5.15e-006	1.49e-004	0.12	-9.76e-003
	378	8.37e-006	1.25e-003	-7.63e-005	1.14e-003	0.12	-9.08e-003
602	374	-9.51e-004	1.41e-003	-3.83e-004	4.77e-003	0.12	-8.68e-003
	396	-9.51e-004	7.50e-004	4.21e-004	6.15e-003	0.11	-1.10e-002
	397	1.62e-004	7.50e-004	5.67e-004	9.49e-004	0.12	-1.16e-002
	376	1.62e-004	1.41e-003	-2.37e-004	3.69e-003	0.12	-9.20e-003
603	372	1.71e-004	1.62e-003	-8.84e-004	1.48e-003	0.11	-7.87e-003
	395	1.71e-004	1.66e-003	-5.90e-004	1.88e-003	0.11	-5.24e-003
	396	-9.51e-004	1.66e-003	-3.59e-004	4.57e-003	0.11	-6.76e-003
	374	-9.51e-004	1.62e-003	-6.53e-004	5.77e-003	0.12	-9.39e-003
604	370	3.66e-005	1.92e-003	-9.53e-004	-1.61e-003	9.27e-002	-5.71e-003
	394	3.66e-005	3.73e-003	1.47e-004	5.40e-004	0.10	-5.05e-003
	395	1.71e-004	3.73e-003	-3.34e-005	-8.10e-004	0.11	-5.99e-003
	372	1.71e-004	1.92e-003	-1.13e-003	1.50e-003	0.11	-6.65e-003
605	368	2.97e-005	2.32e-003	-1.40e-003	-3.30e-004	7.18e-002	-4.41e-003
	393	2.97e-005	5.62e-003	-6.97e-005	2.50e-003	7.92e-002	-5.89e-003
	394	3.66e-005	5.62e-003	2.84e-004	-9.28e-004	8.74e-002	-5.47e-003
	370	3.66e-005	2.32e-003	-1.05e-003	-8.55e-004	9.43e-002	-3.99e-003
606	298	-2.02e-003	2.07e-003	-3.90e-004	5.44e-004	6.31e-002	-6.82e-004

	292	-2.02e-003	9.66e-003	-8.05e-004	1.34e-002	6.06e-002	-4.45e-003
	393	2.97e-005	9.66e-003	-1.28e-003	7.16e-005	7.49e-002	-8.29e-003
	368	2.97e-005	2.07e-003	-8.69e-004	3.84e-003	7.82e-002	-4.53e-003
607	391	3.34e-005	8.78e-004	-1.65e-004	6.00e-003	9.35e-002	-2.32e-002
	390	3.34e-005	6.37e-004	-1.95e-004	-5.33e-003	7.50e-002	-2.26e-002
	392	2.52e-005	6.37e-004	-2.61e-004	1.97e-003	5.67e-002	-2.92e-002
	363	2.52e-005	8.78e-004	-2.32e-004	5.73e-004	4.66e-002	-2.98e-002
608	389	2.25e-005	1.05e-003	-8.10e-005	-9.78e-004	8.59e-002	-1.95e-002
	388	2.25e-005	8.19e-004	-1.35e-004	-2.24e-003	7.71e-002	-1.91e-002
	390	3.34e-005	8.19e-004	-1.77e-004	3.27e-003	7.36e-002	-1.98e-002
	391	3.34e-005	1.05e-003	-1.23e-004	-5.35e-003	6.57e-002	-2.01e-002
609	387	-4.22e-007	1.18e-003	-9.25e-005	-1.36e-003	9.12e-002	-1.84e-002
	386	-4.22e-007	9.55e-004	-1.31e-004	-1.72e-004	8.92e-002	-1.92e-002
	388	2.25e-005	9.55e-004	-1.14e-004	3.71e-004	8.07e-002	-1.90e-002
	389	2.25e-005	1.18e-003	-7.52e-005	-4.29e-003	7.84e-002	-1.82e-002
610	385	1.49e-005	1.34e-003	-1.07e-004	1.16e-003	0.11	-1.71e-002
	384	1.49e-005	1.07e-003	-1.24e-004	5.64e-004	0.10	-1.81e-002
	386	-4.22e-007	1.07e-003	-1.20e-004	7.90e-005	9.39e-002	-1.94e-002
	387	-4.22e-007	1.34e-003	-1.03e-004	-1.39e-003	9.12e-002	-1.85e-002
611	383	2.14e-005	1.49e-003	-6.27e-005	3.70e-003	0.12	-1.28e-002
	382	2.14e-005	1.16e-003	-7.08e-005	-2.38e-004	0.12	-1.34e-002
	384	1.49e-005	1.16e-003	-1.07e-004	1.25e-003	0.11	-1.68e-002
	385	1.49e-005	1.49e-003	-9.86e-005	4.39e-004	0.10	-1.62e-002
612	381	1.26e-005	1.55e-003	-6.57e-006	1.97e-003	0.12	-1.01e-002
	380	1.26e-005	1.23e-003	-2.06e-005	5.17e-004	0.11	-9.89e-003
	382	2.14e-005	1.23e-003	-5.56e-005	3.13e-003	0.12	-1.12e-002
	383	2.14e-005	1.55e-003	-4.16e-005	-7.74e-005	0.11	-1.14e-002
613	379	7.45e-006	1.58e-003	-4.32e-005	3.94e-004	0.12	-9.57e-003
	378	7.45e-006	1.27e-003	-4.25e-005	1.68e-003	0.12	-9.55e-003
	380	1.26e-005	1.27e-003	-1.47e-006	2.04e-003	0.12	-9.41e-003
	381	1.26e-005	1.58e-003	-2.15e-006	8.79e-005	0.12	-9.43e-003
614	377	-1.30e-004	1.66e-003	9.24e-005	4.37e-003	0.12	-6.58e-003
	376	-1.30e-004	1.25e-003	1.38e-005	4.19e-003	0.12	-8.24e-003
	378	7.45e-006	1.25e-003	-9.16e-005	4.79e-004	0.12	-9.66e-003
	379	7.45e-006	1.66e-003	-1.30e-005	2.93e-003	0.12	-8.00e-003
615	375	-2.58e-004	1.68e-003	-2.10e-004	1.30e-002	0.13	-4.20e-003
	374	-2.58e-004	1.41e-003	-4.80e-004	4.30e-003	0.12	-6.14e-003
	376	-1.30e-004	1.41e-003	-1.99e-004	5.79e-003	0.12	-8.61e-003
	377	-1.30e-004	1.68e-003	7.15e-005	5.44e-003	0.11	-6.67e-003
616	373	-1.41e-004	1.28e-003	-6.26e-004	1.54e-002	0.15	-3.72e-003
	372	-1.41e-004	1.62e-003	-1.06e-003	-5.00e-003	0.11	-1.95e-003
	374	-2.58e-004	1.62e-003	-7.51e-004	1.22e-002	0.12	-6.11e-003
	375	-2.58e-004	1.28e-003	-3.18e-004	3.76e-003	8.71e-002	-7.88e-003
617	371	-3.51e-005	4.11e-004	-4.98e-004	7.86e-003	0.15	-1.31e-003
	370	-3.51e-005	1.92e-003	-1.17e-003	-1.26e-002	0.10	1.52e-003
	372	-1.41e-004	1.92e-003	-1.31e-003	1.23e-002	0.11	-1.38e-003
	373	-1.41e-004	4.11e-004	-6.38e-004	-8.26e-003	6.38e-002	-4.21e-003
618	369	4.68e-004	-6.11e-004	-5.50e-004	-3.36e-003	0.11	3.68e-003
	368	4.68e-004	2.32e-003	-1.33e-003	-4.65e-003	7.40e-002	3.35e-003
	370	-3.51e-005	2.32e-003	-1.26e-003	6.99e-003	9.15e-002	1.95e-003
	371	-3.51e-005	-6.11e-004	-4.84e-004	-1.60e-002	5.70e-002	2.28e-003
619	289	-6.24e-004	-1.07e-003	-3.20e-004	2.49e-002	0.11	2.14e-002
	298	-6.24e-004	2.07e-003	-5.83e-004	1.12e-002	7.13e-002	9.47e-003
	368	4.68e-004	2.07e-003	-7.96e-004	1.01e-002	7.39e-002	3.27e-004
	369	4.68e-004	-1.07e-003	-5.34e-004	-1.08e-002	4.62e-002	1.22e-002
620	353	-5.00e-005	-3.49e-003	-1.47e-003	2.23e-002	-5.59e-002	2.70e-002
	297	-5.00e-005	-1.53e-003	-1.07e-003	3.62e-003	-0.13	3.33e-002
	289	5.88e-005	-1.53e-003	-6.10e-004	8.39e-002	5.49e-002	4.21e-002
	355	5.88e-005	-3.49e-003	-1.01e-003	-3.33e-002	-2.61e-002	3.57e-002
621	351	7.43e-005	-5.31e-003	-1.61e-003	-8.43e-003	-0.28	-8.71e-004

	295	7.43e-005	-4.95e-003	-1.39e-003	-9.12e-002	-0.40	3.78e-002
	297	-5.00e-005	-4.95e-003	-1.23e-003	7.82e-002	7.74e-002	3.55e-002
	353	-5.00e-005	-5.31e-003	-1.45e-003	-2.78e-002	-4.36e-002	-3.24e-003
622	281	2.71e-004	-7.43e-003	-8.13e-004	4.45e-002	-0.14	0.12
	201	2.71e-004	-9.51e-003	-3.82e-004	-5.73e-002	-0.20	0.10
	295	7.43e-005	-9.51e-003	-1.21e-003	-8.42e-002	-0.31	4.21e-002
	351	7.43e-005	-7.43e-003	-1.64e-003	-1.13e-002	-0.33	5.79e-002
623	354	1.15e-005	-5.75e-003	2.92e-004	-1.00e-002	-7.43e-002	8.21e-003
	353	1.15e-005	-3.49e-003	-7.40e-004	-6.88e-003	-5.54e-002	8.67e-003
	355	3.42e-004	-3.49e-003	-8.99e-004	5.68e-003	-3.98e-002	2.59e-002
	288	3.42e-004	-5.75e-003	1.34e-004	-2.15e-002	-5.07e-002	2.54e-002
624	352	-3.41e-005	-5.58e-003	3.43e-004	-1.22e-002	-0.17	1.70e-002
	351	-3.41e-005	-5.31e-003	-7.56e-004	4.21e-002	-0.24	-3.73e-003
	353	1.15e-005	-5.31e-003	-7.26e-004	-1.48e-002	-8.26e-002	-1.77e-002
	354	1.15e-005	-5.58e-003	3.73e-004	-3.18e-003	-0.12	3.10e-003
625	200	6.26e-005	-5.55e-003	2.24e-004	1.90e-002	-8.67e-002	0.10
	281	6.26e-005	-7.43e-003	-8.35e-004	1.37e-002	-0.12	0.10
	351	-3.41e-005	-7.43e-003	-7.87e-004	7.91e-003	-0.31	3.70e-002
	352	-3.41e-005	-5.55e-003	2.72e-004	1.60e-002	-0.26	3.98e-002
626	347	-7.59e-005	-6.85e-003	5.44e-004	-2.08e-003	-1.99e-002	3.23e-002
	350	-7.59e-005	-5.05e-003	4.40e-004	5.31e-004	-1.77e-002	3.61e-002
	283	3.44e-004	-5.05e-003	2.27e-004	8.60e-003	-2.64e-002	3.05e-002
	348	3.44e-004	-6.85e-003	3.31e-004	-1.42e-003	-1.45e-002	2.67e-002
627	346	-2.25e-005	-7.01e-003	6.80e-004	-5.69e-003	-1.74e-002	3.59e-002
	349	-2.25e-005	-6.35e-003	-7.59e-005	1.39e-003	-1.43e-002	3.63e-002
	350	-7.59e-005	-6.35e-003	3.06e-006	-3.29e-004	-1.88e-002	3.44e-002
	347	-7.59e-005	-7.01e-003	7.59e-004	-3.01e-003	-1.25e-002	3.40e-002
628	271	2.54e-005	-7.31e-003	7.56e-004	-6.69e-003	-2.39e-002	4.01e-002
	195	2.54e-005	-7.64e-003	-5.73e-005	5.50e-004	-1.57e-002	4.07e-002
	349	-2.25e-005	-7.64e-003	-8.01e-005	-2.57e-003	-1.37e-002	3.82e-002
	346	-2.25e-005	-7.31e-003	7.33e-004	-1.81e-003	-2.20e-003	3.76e-002
629	345	1.50e-004	-7.67e-003	4.15e-004	-2.43e-002	-5.17e-002	2.44e-002
	347	1.50e-004	-6.85e-003	6.39e-004	6.72e-003	-2.22e-002	2.66e-002
	348	9.39e-005	-6.85e-003	4.93e-004	-1.22e-002	-1.03e-002	2.43e-002
	282	9.39e-005	-7.67e-003	2.69e-004	3.18e-003	2.16e-002	2.21e-002
630	344	-1.13e-005	-7.40e-003	3.68e-004	-2.64e-002	-5.62e-002	3.03e-002
	346	-1.13e-005	-7.01e-003	8.07e-004	1.39e-002	-2.12e-002	3.20e-002
	347	1.50e-004	-7.01e-003	8.55e-004	-1.39e-002	-7.86e-003	2.83e-002
	345	1.50e-004	-7.40e-003	4.16e-004	7.88e-003	3.10e-002	2.66e-002
631	194	4.91e-005	-7.16e-003	3.51e-004	-1.62e-002	-5.09e-002	2.93e-002
	271	4.91e-005	-7.31e-003	8.66e-004	-1.11e-002	-2.80e-002	3.43e-002
	346	-1.13e-005	-7.31e-003	8.59e-004	-8.48e-003	2.65e-003	3.44e-002
	344	-1.13e-005	-7.16e-003	3.44e-004	7.41e-003	2.55e-002	2.94e-002
632	342	-3.37e-005	-7.25e-003	4.78e-004	-8.71e-003	-4.65e-002	3.07e-002
	345	-3.37e-005	-7.67e-003	3.53e-004	-5.31e-003	-3.05e-002	3.10e-002
	282	-3.33e-005	-7.67e-003	2.96e-004	-1.48e-002	-8.72e-002	2.42e-002
	343	-3.33e-005	-7.25e-003	4.21e-004	1.72e-003	-6.16e-002	2.39e-002
633	341	-2.17e-005	-7.07e-003	5.30e-004	-1.21e-002	-1.27e-002	3.60e-002
	344	-2.17e-005	-7.40e-003	3.91e-004	-2.29e-003	2.82e-003	3.62e-002
	345	-3.37e-005	-7.40e-003	3.73e-004	-9.96e-003	-5.53e-002	3.33e-002
	342	-3.37e-005	-7.07e-003	5.13e-004	-3.96e-003	-3.56e-002	3.31e-002
634	264	-3.50e-005	-6.81e-003	6.08e-004	-8.92e-003	1.75e-002	3.49e-002
	194	-3.50e-005	-7.16e-003	4.48e-004	-7.95e-003	2.32e-002	3.45e-002
	344	-2.17e-005	-7.16e-003	4.10e-004	-7.55e-003	-7.84e-003	3.52e-002
	341	-2.17e-005	-6.81e-003	5.71e-004	-1.08e-002	-2.85e-003	3.56e-002
635	340	-5.96e-005	-6.93e-003	2.48e-004	-3.41e-003	-4.05e-002	3.17e-002
	342	-5.96e-005	-7.25e-003	3.82e-004	-6.21e-003	-4.62e-002	3.29e-002
	343	-6.79e-005	-7.25e-003	3.68e-004	-3.07e-003	-5.69e-002	2.71e-002
	290	-6.79e-005	-6.93e-003	2.34e-004	-3.08e-003	-5.44e-002	2.59e-002
636	339	-3.78e-005	-6.75e-003	2.72e-004	-8.56e-003	-1.35e-002	3.47e-002

	341	-3.78e-005	-7.07e-003	4.37e-004	-9.88e-003	-1.47e-002	3.71e-002
	342	-5.96e-005	-7.07e-003	4.17e-004	-4.18e-003	-3.24e-002	3.57e-002
	340	-5.96e-005	-6.75e-003	2.53e-004	-7.55e-003	-3.15e-002	3.33e-002
637	202	-4.00e-005	-6.48e-003	2.98e-004	-1.19e-002	1.88e-002	3.53e-002
	264	-4.00e-005	-6.81e-003	4.97e-004	-1.01e-002	1.68e-002	3.50e-002
	341	-3.78e-005	-6.81e-003	4.77e-004	-1.03e-002	-2.62e-003	3.53e-002
	339	-3.78e-005	-6.48e-003	2.78e-004	-1.29e-002	-4.84e-003	3.56e-002
638	337	-8.22e-005	-6.62e-003	1.57e-004	-5.41e-003	-3.60e-002	2.79e-002
	340	-8.22e-005	-6.93e-003	1.87e-004	-5.65e-003	-3.90e-002	3.02e-002
	290	-8.84e-005	-6.93e-003	1.83e-004	-2.47e-003	-5.22e-002	2.60e-002
	338	-8.84e-005	-6.62e-003	1.53e-004	-2.77e-003	-4.86e-002	2.38e-002
639	336	-6.43e-005	-6.42e-003	1.69e-004	-1.09e-002	-1.31e-002	3.06e-002
	339	-6.43e-005	-6.75e-003	2.02e-004	-1.04e-002	-1.38e-002	3.40e-002
	340	-8.22e-005	-6.75e-003	1.92e-004	-5.14e-003	-3.02e-002	3.23e-002
	337	-8.22e-005	-6.42e-003	1.59e-004	-7.33e-003	-2.82e-002	2.88e-002
640	257	-3.12e-005	-6.16e-003	1.65e-004	-1.71e-002	1.86e-002	3.19e-002
	202	-3.12e-005	-6.48e-003	2.05e-004	-1.35e-002	1.85e-002	3.31e-002
	339	-6.43e-005	-6.48e-003	2.07e-004	-1.20e-002	-4.82e-003	3.29e-002
	336	-6.43e-005	-6.16e-003	1.68e-004	-1.41e-002	-4.76e-003	3.17e-002
641	334	-8.01e-005	-6.35e-003	-2.79e-005	-6.94e-003	-3.30e-002	2.41e-002
	337	-8.01e-005	-6.62e-003	7.96e-005	-6.43e-003	-3.50e-002	2.68e-002
	338	-8.90e-005	-6.62e-003	8.48e-005	-2.85e-003	-4.71e-002	2.41e-002
	335	-8.90e-005	-6.35e-003	-2.28e-005	-3.67e-003	-4.48e-002	2.14e-002
642	333	-6.09e-005	-6.14e-003	-4.20e-005	-1.27e-002	-1.22e-002	2.60e-002
	336	-6.09e-005	-6.42e-003	7.98e-005	-1.20e-002	-1.29e-002	2.97e-002
	337	-8.01e-005	-6.42e-003	8.20e-005	-6.76e-003	-2.74e-002	2.82e-002
	334	-8.01e-005	-6.14e-003	-3.98e-005	-8.52e-003	-2.59e-002	2.45e-002
643	253	-2.03e-005	-5.87e-003	-6.88e-005	-2.14e-002	1.71e-002	2.64e-002
	257	-2.03e-005	-6.16e-003	6.48e-005	-1.81e-002	1.80e-002	2.89e-002
	336	-6.09e-005	-6.16e-003	7.85e-005	-1.43e-002	-4.54e-003	2.91e-002
	333	-6.09e-005	-5.87e-003	-5.51e-005	-1.66e-002	-3.91e-003	2.66e-002
644	332	-6.95e-005	-6.11e-003	-1.46e-004	-8.12e-003	-3.09e-002	1.98e-002
	334	-6.95e-005	-6.35e-003	-1.13e-004	-7.70e-003	-3.25e-002	2.29e-002
	335	-7.99e-005	-6.35e-003	-1.01e-004	-3.49e-003	-4.39e-002	2.13e-002
	291	-7.99e-005	-6.11e-003	-1.34e-004	-4.48e-003	-4.30e-002	1.83e-002
645	331	-5.19e-005	-5.88e-003	-1.70e-004	-1.41e-002	-1.17e-002	2.06e-002
	333	-5.19e-005	-6.14e-003	-1.36e-004	-1.43e-002	-1.22e-002	2.46e-002
	334	-6.95e-005	-6.14e-003	-1.25e-004	-8.37e-003	-2.53e-002	2.40e-002
	332	-6.95e-005	-5.88e-003	-1.58e-004	-9.77e-003	-2.47e-002	1.99e-002
646	203	-5.10e-006	-5.59e-003	-1.95e-004	-2.46e-002	1.49e-002	1.96e-002
	253	-5.10e-006	-5.87e-003	-1.65e-004	-2.20e-002	1.63e-002	2.29e-002
	333	-5.19e-005	-5.87e-003	-1.49e-004	-1.67e-002	-3.90e-003	2.40e-002
	331	-5.19e-005	-5.59e-003	-1.80e-004	-1.86e-002	-3.75e-003	2.08e-002
647	329	-4.50e-005	-5.92e-003	-4.14e-004	-9.78e-003	-3.55e-002	1.51e-002
	332	-4.50e-005	-6.11e-003	-2.21e-004	-7.17e-003	-3.08e-002	1.76e-002
	291	-5.15e-005	-6.11e-003	-2.04e-004	-5.59e-003	-4.24e-002	1.71e-002
	330	-5.15e-005	-5.92e-003	-3.97e-004	-4.01e-003	-3.70e-002	1.45e-002
648	328	-2.72e-005	-5.66e-003	-4.58e-004	-1.47e-002	-1.65e-002	1.54e-002
	331	-2.72e-005	-5.88e-003	-2.51e-004	-1.45e-002	-1.16e-002	1.85e-002
	332	-4.50e-005	-5.88e-003	-2.33e-004	-1.10e-002	-2.44e-002	1.82e-002
	329	-4.50e-005	-5.66e-003	-4.39e-004	-9.50e-003	-1.92e-002	1.51e-002
649	246	-3.73e-006	-5.36e-003	-4.93e-004	-2.71e-002	1.34e-002	1.27e-002
	203	-3.73e-006	-5.59e-003	-2.75e-004	-2.46e-002	1.44e-002	1.61e-002
	331	-2.72e-005	-5.59e-003	-2.62e-004	-1.89e-002	-4.22e-003	1.75e-002
	328	-2.72e-005	-5.36e-003	-4.80e-004	-1.97e-002	-4.69e-003	1.41e-002
650	327	-2.33e-005	-5.75e-003	-3.65e-004	-1.11e-004	8.01e-003	1.74e-002
	329	-2.33e-005	-5.92e-003	-5.34e-004	-1.72e-002	-3.21e-002	2.02e-002
	330	-3.21e-005	-5.92e-003	-5.05e-004	4.74e-003	-4.01e-002	1.96e-002
	287	-3.21e-005	-5.75e-003	-3.35e-004	-1.39e-002	-7.93e-002	1.67e-002
651	326	-1.79e-006	-5.47e-003	-3.95e-004	-2.12e-003	2.61e-002	1.53e-002

	328	-1.79e-006	-5.66e-003	-5.76e-004	-2.97e-002	-1.36e-002	1.91e-002
	329	-2.33e-005	-5.66e-003	-5.59e-004	-1.96e-003	-2.21e-002	2.09e-002
	327	-2.33e-005	-5.47e-003	-3.78e-004	-1.90e-002	-6.42e-002	1.70e-002
652	199	-3.41e-005	-5.10e-003	-4.37e-004	-1.66e-002	4.06e-002	1.30e-002
	246	-3.41e-005	-5.36e-003	-6.10e-004	-2.65e-002	1.64e-002	1.31e-002
	328	-1.79e-006	-5.36e-003	-5.98e-004	-1.55e-002	-9.12e-003	1.61e-002
	326	-1.79e-006	-5.10e-003	-4.25e-004	-2.74e-002	-3.64e-002	1.60e-002
653	323	4.87e-005	-4.59e-003	-8.03e-004	-2.80e-003	9.63e-003	1.14e-002
	327	4.87e-005	-5.75e-003	-4.77e-004	-9.69e-003	-2.24e-002	1.17e-002
	287	3.70e-005	-5.75e-003	-4.22e-004	-3.68e-003	4.27e-002	1.27e-002
	325	3.70e-005	-4.59e-003	-7.47e-004	-8.40e-003	8.31e-003	1.25e-002
654	321	1.02e-005	-4.84e-003	-8.66e-004	-3.84e-003	9.96e-003	1.01e-002
	326	1.02e-005	-5.47e-003	-4.77e-004	-1.71e-002	-2.79e-002	1.08e-002
	327	4.87e-005	-5.47e-003	-4.81e-004	-7.82e-003	4.65e-002	1.15e-002
	323	4.87e-005	-4.84e-003	-8.71e-004	-1.18e-002	7.03e-003	1.08e-002
655	239	2.10e-006	-5.17e-003	-9.04e-004	-9.10e-003	4.84e-003	8.79e-004
	199	2.10e-006	-5.10e-003	-5.12e-004	-3.22e-002	-2.56e-002	5.59e-003
	326	1.02e-005	-5.10e-003	-4.92e-004	-1.07e-002	4.82e-002	1.13e-002
	321	1.02e-005	-5.17e-003	-8.84e-004	-1.90e-002	8.37e-003	6.64e-003
656	324	-5.50e-006	-3.31e-003	-1.51e-004	-1.39e-003	5.65e-003	4.48e-003
	323	-5.50e-006	-4.59e-003	-6.59e-004	-4.19e-003	1.14e-002	5.71e-003
	325	2.31e-004	-4.59e-003	-6.08e-004	-2.76e-003	5.69e-003	7.38e-003
	286	2.31e-004	-3.31e-003	-1.00e-004	-6.04e-004	7.74e-003	6.15e-003
657	322	4.69e-005	-4.19e-003	3.93e-005	-8.30e-004	2.11e-003	-4.77e-006
	321	4.69e-005	-4.84e-003	-7.08e-004	-9.30e-003	1.13e-002	1.98e-003
	323	-5.50e-006	-4.84e-003	-7.27e-004	-4.96e-003	4.71e-003	5.79e-003
	324	-5.50e-006	-4.19e-003	2.05e-005	-1.56e-003	5.50e-003	3.80e-003
658	198	4.13e-006	-5.23e-003	-2.13e-005	-4.47e-003	-1.01e-003	-5.92e-003
	239	4.13e-006	-5.17e-003	-7.53e-004	-8.59e-003	7.76e-003	-5.13e-003
	321	4.69e-005	-5.17e-003	-7.27e-004	-1.00e-002	2.72e-003	-2.93e-004
	322	4.69e-005	-5.23e-003	4.55e-006	-1.13e-003	3.61e-003	-1.08e-003
659	317	1.07e-004	-3.42e-003	8.76e-005	1.30e-003	-5.90e-002	1.33e-002
	320	1.07e-004	-5.35e-003	2.67e-005	-1.64e-003	-8.13e-002	1.02e-002
	285	3.45e-004	-5.35e-003	7.64e-005	-2.28e-003	-7.21e-002	-2.52e-003
	318	3.45e-004	-3.42e-003	1.37e-004	-3.80e-003	-6.65e-002	6.46e-004
660	316	-6.24e-005	-4.23e-003	-9.36e-005	5.20e-002	-0.13	5.77e-003
	319	-6.24e-005	-4.91e-003	-1.11e-004	-5.20e-003	-0.10	-1.57e-002
	320	1.07e-004	-4.91e-003	-6.83e-005	1.34e-002	-9.01e-002	6.66e-003
	317	1.07e-004	-4.23e-003	-5.06e-005	-5.53e-003	-0.11	2.81e-002
661	229	-1.40e-004	-5.08e-003	3.17e-004	1.32e-002	8.87e-003	-8.96e-002
	197	-1.40e-004	-4.49e-003	6.81e-005	-1.45e-003	1.44e-002	-7.19e-002
	319	-6.24e-005	-4.49e-003	-1.27e-004	2.06e-002	-0.10	-2.20e-002
	316	-6.24e-005	-5.08e-003	1.22e-004	3.47e-002	-0.17	-3.97e-002
662	307	8.47e-005	-4.14e-005	1.23e-003	2.33e-002	-9.36e-002	1.66e-002
	317	8.47e-005	-3.42e-003	6.99e-004	-2.53e-002	-5.33e-002	1.16e-002
	318	1.08e-004	-3.42e-003	4.20e-004	-3.75e-002	-4.81e-002	-1.88e-002
	284	1.08e-004	-4.14e-005	9.50e-004	2.63e-002	5.92e-002	-1.37e-002
663	306	1.58e-005	-3.25e-003	1.57e-003	-4.33e-002	-0.33	2.20e-002
	316	1.58e-005	-4.23e-003	6.24e-004	5.14e-002	-0.16	4.43e-003
	317	8.47e-005	-4.23e-003	5.61e-004	-3.38e-002	-0.10	1.30e-002
	307	8.47e-005	-3.25e-003	1.50e-003	1.00e-002	6.28e-002	3.06e-002
664	196	6.52e-005	-7.28e-003	9.08e-004	-3.79e-002	-0.15	-0.12
	229	6.52e-005	-5.08e-003	4.38e-004	6.02e-002	-1.98e-002	-0.13
	316	1.58e-005	-5.08e-003	8.40e-004	8.76e-002	-0.21	-2.33e-002
	306	1.58e-005	-7.28e-003	1.31e-003	-8.18e-002	-0.25	-1.66e-002
665	314	-4.16e-003	1.93e-003	3.02e-003	2.90e-003	2.60e-002	1.07e-002
	304	-4.16e-003	4.80e-003	4.22e-003	2.06e-003	3.07e-002	6.82e-003
	293	-1.05e-002	4.55e-003	2.78e-003	-1.10e-002	5.30e-002	3.38e-002
	315	-1.05e-002	1.93e-003	1.94e-003	2.72e-003	1.84e-002	4.03e-002
666	313	2.43e-004	7.57e-003	4.80e-003	2.49e-002	-1.56e-002	5.23e-003

	302	2.43e-004	4.96e-003	6.24e-003	3.37e-002	-1.73e-002	-1.09e-002
	304	-4.16e-003	4.96e-003	4.95e-003	-1.02e-003	1.03e-002	-6.75e-003
	314	-4.16e-003	7.57e-003	3.52e-003	1.84e-002	2.21e-003	9.34e-003
667	312	1.75e-002	1.62e-002	2.93e-003	4.40e-002	-2.13e-002	2.35e-002
	205	1.75e-002	5.30e-003	7.36e-003	6.90e-002	-4.57e-002	1.26e-002
	302	2.43e-004	5.30e-003	8.33e-003	3.31e-002	-4.41e-002	-6.20e-003
	313	2.43e-004	1.62e-002	3.90e-003	4.22e-002	-4.67e-002	4.68e-003
668	310	-4.16e-003	1.91e-003	-1.24e-003	1.08e-002	1.41e-002	2.26e-002
	314	-4.16e-003	1.93e-003	1.02e-003	9.74e-003	2.12e-002	2.10e-002
	315	-1.38e-002	1.93e-003	1.09e-003	4.38e-003	1.20e-002	2.57e-002
	311	-1.38e-002	1.91e-003	-1.17e-003	1.20e-002	1.16e-002	2.73e-002
669	309	-2.24e-003	7.52e-003	-1.57e-003	3.66e-002	-1.64e-002	2.55e-002
	313	-2.24e-003	7.57e-003	1.62e-003	3.32e-002	-1.48e-002	9.64e-003
	314	-4.16e-003	7.57e-003	1.52e-003	1.25e-002	-3.15e-004	1.22e-002
	310	-4.16e-003	7.52e-003	-1.68e-003	1.66e-002	-2.79e-003	2.81e-002
670	308	2.32e-002	1.62e-002	-5.53e-004	4.45e-002	-1.99e-002	1.42e-002
	312	2.32e-002	1.62e-002	7.06e-004	4.34e-002	-1.88e-002	1.11e-002
	313	-2.24e-003	1.62e-002	7.19e-004	3.87e-002	-4.48e-002	1.46e-002
	309	-2.24e-003	1.62e-002	-5.40e-004	3.85e-002	-4.78e-002	1.77e-002
671	300	-4.25e-003	4.52e-003	-4.23e-003	1.09e-002	2.61e-002	2.96e-002
	310	-4.25e-003	1.91e-003	-3.14e-003	9.43e-003	1.45e-002	3.24e-002
	311	-9.88e-003	1.91e-003	-2.11e-003	1.27e-002	1.54e-002	1.77e-002
	292	-9.88e-003	4.28e-003	-2.88e-003	1.59e-002	2.60e-002	1.43e-002
672	299	1.07e-004	4.50e-003	-6.26e-003	3.98e-002	-2.28e-002	4.41e-002
	309	1.07e-004	7.52e-003	-4.83e-003	2.32e-002	-1.88e-002	2.99e-002
	310	-4.25e-003	7.52e-003	-3.57e-003	1.95e-002	-8.90e-004	3.01e-002
	300	-4.25e-003	4.50e-003	-5.00e-003	7.29e-003	2.79e-003	4.43e-002
673	204	1.81e-002	4.94e-003	-7.31e-003	6.90e-002	-5.53e-002	9.84e-003
	308	1.81e-002	1.62e-002	-2.72e-003	4.26e-002	-2.50e-002	4.66e-005
	309	1.07e-004	1.62e-002	-3.80e-003	4.39e-002	-5.19e-002	2.75e-002
	299	1.07e-004	4.94e-003	-8.39e-003	3.38e-002	-5.34e-002	3.73e-002
674	303	-1.54e-003	2.86e-003	3.06e-003	-5.25e-002	5.36e-002	-4.03e-002
	307	-1.54e-003	-4.14e-005	2.06e-003	7.12e-002	0.30	-4.10e-002
	284	-6.79e-004	-4.14e-005	5.16e-004	-2.15e-002	-0.11	-1.02e-002
	305	-6.79e-004	2.86e-003	1.51e-003	3.83e-002	9.40e-002	-9.56e-003
675	301	1.23e-003	8.80e-004	5.76e-003	-0.12	-3.25e-002	-7.09e-002
	306	1.23e-003	-3.25e-003	3.50e-003	1.08e-002	0.30	-3.42e-002
	307	-1.54e-003	-3.25e-003	2.42e-003	-6.25e-002	-0.26	-2.04e-002
	303	-1.54e-003	8.80e-004	4.68e-003	6.06e-002	5.70e-002	-5.71e-002
676	222	1.85e-004	-3.56e-003	1.96e-003	9.28e-003	-3.18e-002	-3.80e-002
	196	1.85e-004	-7.28e-003	-2.62e-005	1.59e-003	0.10	-7.17e-002
	306	1.23e-003	-7.28e-003	2.76e-003	-0.14	-0.23	-8.38e-002
	301	1.23e-003	-3.56e-003	4.75e-003	1.95e-002	-8.35e-002	-5.02e-002
677	304	-2.90e-003	4.94e-003	4.87e-003	1.68e-003	3.65e-002	5.49e-003
	303	-2.90e-003	2.86e-003	3.74e-003	-9.66e-003	2.47e-002	1.49e-004
	305	-2.14e-003	2.86e-003	1.27e-003	3.15e-003	0.10	1.83e-002
	293	-2.14e-003	4.36e-003	2.45e-003	-2.23e-002	6.64e-002	2.04e-002
678	302	3.26e-004	4.96e-003	7.08e-003	2.04e-002	-2.38e-002	-1.62e-002
	301	3.26e-004	8.80e-004	6.91e-003	2.71e-003	-5.02e-002	-2.42e-002
	303	-2.90e-003	8.80e-004	5.35e-003	2.27e-004	6.58e-002	-1.16e-002
	304	-2.90e-003	4.96e-003	5.52e-003	4.92e-005	2.17e-002	-3.60e-003
679	205	1.50e-003	5.30e-003	5.91e-003	4.40e-002	-5.34e-002	-4.34e-003
	222	1.50e-003	-3.56e-003	2.64e-003	1.23e-002	-4.93e-002	-9.88e-003
	301	3.26e-004	-3.56e-003	5.90e-003	-8.19e-004	-5.51e-002	-1.55e-002
	302	3.26e-004	5.30e-003	9.17e-003	3.59e-002	-4.52e-002	-9.95e-003
680	296	-2.96e-003	1.90e-003	-3.62e-003	3.52e-003	3.08e-002	3.24e-002
	300	-2.96e-003	4.64e-003	-4.82e-003	5.31e-003	3.11e-002	3.55e-002
	292	-2.02e-003	4.07e-003	-2.44e-003	-8.39e-004	3.60e-002	9.82e-003
	298	-2.02e-003	1.90e-003	-1.20e-003	1.66e-002	7.65e-002	6.72e-003
681	294	1.67e-004	-1.89e-004	-6.89e-003	1.46e-002	-4.86e-002	5.59e-002

	299	1.67e-004	4.50e-003	-7.14e-003	1.62e-002	-2.95e-002	4.95e-002
	300	-2.96e-003	4.50e-003	-5.51e-003	9.73e-003	1.24e-002	4.09e-002
	296	-2.96e-003	-1.89e-004	-5.26e-003	3.03e-003	4.35e-002	4.73e-002
682	212	1.66e-003	-4.78e-003	-2.63e-003	1.28e-002	-8.04e-002	2.62e-002
	204	1.66e-003	4.94e-003	-5.96e-003	4.53e-002	-6.78e-002	2.20e-002
	299	1.67e-004	4.94e-003	-9.27e-003	3.87e-002	-5.65e-002	4.15e-002
	294	1.67e-004	-4.78e-003	-5.93e-003	3.48e-003	-6.42e-002	4.56e-002
683	297	-1.56e-003	-1.53e-003	-2.00e-003	6.24e-002	0.18	5.06e-002
	296	-1.56e-003	1.90e-003	-2.88e-003	-1.90e-002	5.14e-002	5.09e-002
	298	-6.24e-004	1.90e-003	-1.39e-003	2.74e-002	7.96e-002	1.90e-002
	289	-6.24e-004	-1.53e-003	-4.99e-004	1.67e-002	8.13e-004	1.87e-002
684	295	1.06e-003	-4.95e-003	-3.51e-003	-6.31e-003	0.14	4.83e-002
	294	1.06e-003	-1.89e-004	-5.64e-003	-6.59e-002	-4.45e-002	8.17e-002
	296	-1.56e-003	-1.89e-004	-4.52e-003	4.03e-002	4.67e-002	6.93e-002
	297	-1.56e-003	-4.95e-003	-2.39e-003	-1.75e-002	-0.12	3.59e-002
685	201	2.06e-004	-9.51e-003	3.98e-005	-3.12e-002	-2.54e-002	6.14e-002
	212	2.06e-004	-4.78e-003	-1.97e-003	1.22e-002	-7.91e-002	4.47e-002
	294	1.06e-003	-4.78e-003	-4.68e-003	1.59e-002	-8.21e-002	6.33e-002
	295	1.06e-003	-9.51e-003	-2.67e-003	-0.10	-0.16	8.00e-002
687	279	6.29e-005	-8.33e-003	-1.42e-003	-1.72e-002	0.36	9.26e-002
	211	6.29e-005	-8.93e-003	-5.68e-004	7.56e-002	0.42	7.11e-002
	201	2.71e-004	-8.93e-003	-1.76e-004	8.29e-002	0.11	0.12
	281	2.71e-004	-8.33e-003	-1.03e-003	-8.12e-002	9.32e-002	0.14
688	277	3.24e-005	-8.79e-003	-1.82e-003	2.89e-002	0.38	1.52e-002
	209	3.24e-005	-8.98e-003	-9.76e-004	7.65e-002	0.36	1.21e-002
	211	6.29e-005	-8.98e-003	-7.18e-004	9.21e-002	0.42	3.87e-002
	279	6.29e-005	-8.79e-003	-1.56e-003	7.63e-004	0.38	4.18e-002
689	275	-5.19e-004	-9.91e-003	-1.80e-003	6.73e-002	0.23	-1.48e-003
	207	-5.19e-004	-1.02e-002	-1.10e-003	5.02e-002	0.20	3.60e-003
	209	3.24e-005	-1.02e-002	-1.11e-003	9.01e-002	0.38	5.22e-003
	277	3.24e-005	-9.91e-003	-1.81e-003	4.77e-002	0.35	1.40e-004
690	183	-1.47e-004	-1.06e-002	-8.17e-004	5.65e-002	8.75e-002	-4.55e-002
	176	-1.47e-004	-1.15e-002	-8.22e-004	4.76e-002	0.10	-3.39e-002
	207	-5.19e-004	-1.15e-002	-1.12e-003	0.11	0.24	8.82e-004
	275	-5.19e-004	-1.06e-002	-1.11e-003	4.23e-002	0.22	-1.07e-002
691	280	5.26e-004	-5.88e-003	3.71e-004	3.77e-003	0.25	7.36e-002
	279	5.26e-004	-8.33e-003	-1.31e-003	-2.85e-002	0.29	0.11
	281	6.26e-005	-8.33e-003	-1.05e-003	6.12e-002	0.12	0.14
	200	6.26e-005	-5.88e-003	6.30e-004	-3.27e-002	8.58e-002	0.10
692	278	-3.57e-005	-8.01e-003	2.03e-004	-1.06e-002	0.37	2.16e-002
	277	-3.57e-005	-8.79e-003	-1.25e-003	1.50e-002	0.38	1.34e-002
	279	5.26e-004	-8.79e-003	-1.45e-003	-1.30e-002	0.36	5.40e-002
	280	5.26e-004	-8.01e-003	1.01e-006	-2.11e-003	0.30	6.21e-002
693	276	9.93e-005	-9.44e-003	1.03e-004	1.86e-002	0.24	9.69e-003
	275	9.93e-005	-9.91e-003	-1.43e-003	2.14e-002	0.24	-2.77e-003
	277	-3.57e-005	-9.91e-003	-1.23e-003	6.26e-003	0.34	3.99e-003
	278	-3.57e-005	-9.44e-003	3.03e-004	4.10e-003	0.32	1.65e-002
694	175	3.95e-004	-1.25e-002	-1.01e-003	3.57e-002	-4.20e-002	-3.93e-002
	183	3.95e-004	-1.06e-002	-6.05e-004	5.67e-002	7.36e-002	-6.35e-002
	275	9.93e-005	-1.06e-002	-7.44e-004	3.42e-002	0.20	-1.11e-002
	276	9.93e-005	-1.25e-002	-1.14e-003	5.23e-004	0.23	1.31e-002
695	270	4.14e-004	-7.64e-003	7.76e-004	-5.60e-003	-7.68e-003	3.64e-002
	274	4.14e-004	-8.76e-003	-1.24e-004	-1.13e-002	-1.11e-002	4.24e-002
	195	2.54e-005	-8.76e-003	-1.42e-004	-8.56e-004	-1.74e-002	4.28e-002
	271	2.54e-005	-7.64e-003	7.57e-004	-6.51e-003	-2.17e-002	3.67e-002
696	269	-1.07e-004	-7.91e-003	1.05e-003	-3.68e-003	-1.43e-002	3.54e-002
	273	-1.07e-004	-9.59e-003	3.63e-004	-1.32e-003	-9.22e-003	3.09e-002
	274	4.14e-004	-9.59e-003	2.67e-004	-8.61e-003	-1.34e-002	3.54e-002
	270	4.14e-004	-7.91e-003	9.50e-004	-7.26e-003	-1.60e-002	4.00e-002
697	268	3.19e-004	-8.22e-003	1.45e-003	-1.51e-003	7.50e-003	2.63e-002

	272	3.19e-004	-1.20e-002	1.18e-004	-9.30e-003	1.88e-002	2.96e-002
	273	-1.07e-004	-1.20e-002	-1.29e-004	-1.93e-003	-4.02e-003	3.44e-002
	269	-1.07e-004	-8.22e-003	1.20e-003	-1.04e-003	-6.76e-004	3.11e-002
698	181	-7.82e-004	-7.39e-003	-1.82e-004	-4.74e-002	1.85e-002	-1.51e-002
	170	-7.82e-004	-1.69e-002	2.35e-003	-2.80e-002	0.10	8.45e-003
	272	3.19e-004	-1.69e-002	2.69e-003	-9.75e-003	7.55e-003	3.79e-002
	268	3.19e-004	-7.39e-003	1.63e-004	-9.66e-003	4.12e-002	1.43e-002
699	267	1.14e-004	-7.01e-003	4.69e-004	-3.47e-002	-9.11e-002	2.83e-002
	270	1.14e-004	-7.64e-003	9.89e-004	1.84e-002	-1.05e-002	2.54e-002
	271	4.91e-005	-7.64e-003	8.68e-004	-3.53e-002	-2.11e-002	3.02e-002
	194	4.91e-005	-7.01e-003	3.49e-004	1.14e-002	5.23e-002	3.31e-002
700	266	1.83e-004	-6.68e-003	5.78e-004	-3.28e-002	-8.86e-002	2.35e-002
	269	1.83e-004	-7.91e-003	1.23e-003	1.53e-002	-2.54e-002	2.63e-002
	270	1.14e-004	-7.91e-003	1.16e-003	-1.25e-002	-8.57e-003	3.04e-002
	267	1.14e-004	-6.68e-003	5.14e-004	6.29e-003	5.06e-002	2.76e-002
701	265	-1.04e-003	-5.73e-003	9.22e-004	-5.77e-003	-6.92e-002	1.28e-002
	268	-1.04e-003	-8.22e-003	1.59e-003	4.09e-003	-1.21e-003	1.45e-002
	269	1.83e-004	-8.22e-003	1.38e-003	-2.33e-002	5.12e-003	2.32e-002
	266	1.83e-004	-5.73e-003	7.12e-004	2.84e-002	6.45e-002	2.15e-002
702	169	-3.60e-004	-5.05e-003	-3.00e-005	-2.52e-002	-1.29e-002	-2.23e-002
	181	-3.60e-004	-7.39e-003	-5.72e-004	-3.16e-002	9.75e-003	-8.51e-003
	268	-1.04e-003	-7.39e-003	3.08e-004	-2.42e-002	3.51e-002	5.13e-003
	265	-1.04e-003	-5.05e-003	8.50e-004	2.27e-002	4.42e-002	-8.69e-003
703	263	3.89e-006	-6.55e-003	6.42e-004	-1.59e-002	3.45e-002	3.48e-002
	267	3.89e-006	-7.01e-003	4.66e-004	-9.85e-003	5.53e-002	3.83e-002
	194	-3.50e-005	-7.01e-003	4.47e-004	-1.46e-002	-2.06e-004	3.68e-002
	264	-3.50e-005	-6.55e-003	6.24e-004	-4.35e-003	2.36e-002	3.33e-002
704	262	5.15e-005	-6.23e-003	6.83e-004	-8.65e-003	8.10e-002	4.05e-002
	266	5.15e-005	-6.68e-003	5.89e-004	-1.19e-002	0.10	3.94e-002
	267	3.89e-006	-6.68e-003	5.32e-004	-1.48e-002	2.65e-002	3.81e-002
	263	3.89e-006	-6.23e-003	6.26e-004	-8.88e-003	4.33e-002	3.92e-002
705	261	1.16e-004	-5.80e-003	5.16e-004	-3.34e-002	0.16	1.06e-002
	265	1.16e-004	-5.73e-003	4.76e-004	7.24e-003	0.23	1.19e-002
	266	5.15e-005	-5.73e-003	5.83e-004	-8.48e-003	7.69e-002	3.84e-002
	262	5.15e-005	-5.80e-003	6.23e-004	-1.40e-002	0.11	3.72e-002
706	193	1.26e-004	-5.56e-003	2.37e-004	-7.43e-002	0.14	-6.41e-002
	169	1.26e-004	-5.05e-003	1.19e-004	4.81e-003	0.25	-5.28e-002
	265	1.16e-004	-5.05e-003	3.44e-004	-8.48e-003	0.15	-4.22e-003
	261	1.16e-004	-5.56e-003	4.62e-004	-2.77e-002	0.19	-1.56e-002
707	260	-2.32e-005	-6.22e-003	2.87e-004	-1.65e-002	4.04e-002	3.67e-002
	263	-2.32e-005	-6.55e-003	5.07e-004	-1.22e-002	3.48e-002	3.87e-002
	264	-4.00e-005	-6.55e-003	5.13e-004	-1.15e-002	2.48e-002	3.63e-002
	202	-4.00e-005	-6.22e-003	2.93e-004	-1.34e-002	2.42e-002	3.43e-002
708	259	7.38e-005	-5.98e-003	2.34e-004	-1.96e-002	7.73e-002	3.62e-002
	262	7.38e-005	-6.23e-003	4.59e-004	-2.56e-002	7.72e-002	4.08e-002
	263	-2.32e-005	-6.23e-003	4.90e-004	-1.24e-002	4.78e-002	4.12e-002
	260	-2.32e-005	-5.98e-003	2.65e-004	-1.92e-002	4.70e-002	3.66e-002
709	258	2.20e-004	-5.73e-003	1.84e-004	-3.70e-002	0.12	5.87e-003
	261	2.20e-004	-5.80e-003	3.65e-004	-4.57e-002	0.14	1.52e-002
	262	7.38e-005	-5.80e-003	4.00e-004	-1.77e-002	0.11	3.85e-002
	259	7.38e-005	-5.73e-003	2.19e-004	-3.76e-002	0.10	2.92e-002
710	177	2.24e-004	-5.54e-003	1.77e-004	-4.50e-002	0.11	-4.79e-002
	193	2.24e-004	-5.56e-003	3.00e-004	-3.87e-002	0.12	-4.93e-002
	261	2.20e-004	-5.56e-003	3.11e-004	-3.77e-002	0.17	-1.09e-002
	258	2.20e-004	-5.54e-003	1.88e-004	-5.02e-002	0.13	-9.46e-003
711	256	1.28e-006	-5.92e-003	1.45e-004	-2.29e-002	3.98e-002	3.03e-002
	260	1.28e-006	-6.22e-003	1.92e-004	-2.02e-002	3.94e-002	3.51e-002
	202	-3.12e-005	-6.22e-003	2.00e-004	-1.55e-002	2.57e-002	3.48e-002
	257	-3.12e-005	-5.92e-003	1.53e-004	-1.94e-002	2.59e-002	3.01e-002
712	255	1.19e-004	-5.73e-003	1.07e-004	-3.13e-002	6.76e-002	2.39e-002

	259	1.19e-004	-5.98e-003	1.43e-004	-3.47e-002	7.41e-002	3.12e-002
	260	1.28e-006	-5.98e-003	1.70e-004	-2.01e-002	4.83e-002	3.59e-002
	256	1.28e-006	-5.73e-003	1.35e-004	-2.66e-002	4.76e-002	2.86e-002
713	254	2.45e-004	-5.53e-003	9.97e-005	-4.13e-002	9.25e-002	-1.52e-003
	258	2.45e-004	-5.73e-003	1.26e-004	-4.76e-002	0.11	4.88e-003
	259	1.19e-004	-5.73e-003	1.27e-004	-3.07e-002	9.45e-002	2.50e-002
	255	1.19e-004	-5.53e-003	1.01e-004	-4.13e-002	8.30e-002	1.86e-002
714	190	2.75e-004	-5.36e-003	1.01e-004	-3.75e-002	8.32e-002	-3.45e-002
	177	2.75e-004	-5.54e-003	1.30e-004	-3.27e-002	0.10	-4.15e-002
	258	2.45e-004	-5.54e-003	1.30e-004	-4.46e-002	0.12	-1.52e-002
	254	2.45e-004	-5.36e-003	1.00e-004	-4.40e-002	0.10	-8.27e-003
715	252	2.63e-005	-5.63e-003	-7.81e-005	-2.79e-002	3.67e-002	2.29e-002
	256	2.63e-005	-5.92e-003	4.80e-005	-2.74e-002	3.84e-002	2.85e-002
	257	-2.03e-005	-5.92e-003	5.22e-005	-2.12e-002	2.62e-002	2.99e-002
	253	-2.03e-005	-5.63e-003	-7.39e-005	-2.44e-002	2.47e-002	2.43e-002
716	251	1.24e-004	-5.45e-003	-8.73e-005	-3.69e-002	5.79e-002	1.51e-002
	255	1.24e-004	-5.73e-003	2.99e-005	-3.87e-002	6.46e-002	2.13e-002
	256	2.63e-005	-5.73e-003	3.76e-005	-2.69e-002	4.63e-002	2.74e-002
	252	2.63e-005	-5.45e-003	-7.96e-005	-3.21e-002	4.38e-002	2.11e-002
717	250	2.28e-004	-5.26e-003	-6.20e-005	-4.34e-002	7.47e-002	-1.86e-003
	254	2.28e-004	-5.53e-003	3.62e-005	-4.42e-002	8.60e-002	1.19e-003
	255	1.24e-004	-5.53e-003	2.36e-005	-3.74e-002	7.68e-002	1.46e-002
	251	1.24e-004	-5.26e-003	-7.46e-005	-4.22e-002	6.79e-002	1.15e-002
718	189	2.82e-004	-5.11e-003	-3.08e-005	-3.70e-002	6.96e-002	-1.73e-002
	190	2.82e-004	-5.36e-003	4.95e-005	-2.83e-002	7.70e-002	-2.48e-002
	254	2.28e-004	-5.36e-003	3.69e-005	-4.30e-002	8.73e-002	-1.21e-002
	250	2.28e-004	-5.11e-003	-4.34e-005	-4.23e-002	7.55e-002	-4.53e-003
719	249	2.90e-005	-5.35e-003	-2.02e-004	-3.15e-002	3.26e-002	1.55e-002
	252	2.90e-005	-5.63e-003	-1.70e-004	-3.20e-002	3.53e-002	2.13e-002
	253	-5.10e-006	-5.63e-003	-1.70e-004	-2.58e-002	2.44e-002	2.34e-002
	203	-5.10e-006	-5.35e-003	-2.02e-004	-2.75e-002	2.23e-002	1.75e-002
720	248	1.11e-004	-5.15e-003	-1.86e-004	-4.10e-002	4.99e-002	8.22e-003
	251	1.11e-004	-5.45e-003	-1.63e-004	-4.06e-002	5.51e-002	1.37e-002
	252	2.90e-005	-5.45e-003	-1.71e-004	-3.16e-002	4.19e-002	1.93e-002
	249	2.90e-005	-5.15e-003	-1.94e-004	-3.56e-002	3.86e-002	1.39e-002
721	247	2.04e-004	-4.94e-003	-1.40e-004	-4.91e-002	6.52e-002	-2.27e-003
	250	2.04e-004	-5.26e-003	-1.24e-004	-4.40e-002	7.04e-002	6.73e-004
	251	1.11e-004	-5.26e-003	-1.51e-004	-4.13e-002	6.40e-002	8.31e-003
	248	1.11e-004	-4.94e-003	-1.66e-004	-4.41e-002	5.76e-002	5.37e-003
722	178	2.77e-004	-4.78e-003	-8.66e-005	-4.88e-002	6.67e-002	-5.20e-003
	189	2.77e-004	-5.11e-003	-7.33e-005	-3.18e-002	6.64e-002	-9.59e-003
	250	2.04e-004	-5.11e-003	-1.06e-004	-4.52e-002	7.18e-002	-7.09e-003
	247	2.04e-004	-4.78e-003	-1.19e-004	-4.70e-002	6.77e-002	-2.70e-003
723	245	2.51e-005	-5.09e-003	-4.92e-004	-3.21e-002	2.13e-002	9.71e-003
	249	2.51e-005	-5.35e-003	-2.75e-004	-3.41e-002	3.19e-002	1.29e-002
	203	-3.73e-006	-5.35e-003	-2.81e-004	-2.97e-002	2.08e-002	1.60e-002
	246	-3.73e-006	-5.09e-003	-4.98e-004	-3.04e-002	2.50e-002	1.28e-002
724	244	6.85e-005	-4.87e-003	-4.69e-004	-4.50e-002	3.98e-002	6.03e-004
	248	6.85e-005	-5.15e-003	-2.56e-004	-4.14e-002	4.74e-002	5.93e-003
	249	2.51e-005	-5.15e-003	-2.67e-004	-3.57e-002	3.68e-002	1.13e-002
	245	2.51e-005	-4.87e-003	-4.80e-004	-3.50e-002	3.70e-002	6.02e-003
725	243	1.40e-004	-4.61e-003	-3.73e-004	-5.74e-002	5.78e-002	-6.09e-003
	247	1.40e-004	-4.94e-003	-1.92e-004	-4.73e-002	6.27e-002	-2.07e-003
	248	6.85e-005	-4.94e-003	-2.36e-004	-4.64e-002	5.52e-002	1.94e-003
	244	6.85e-005	-4.61e-003	-4.17e-004	-4.64e-002	5.46e-002	-2.08e-003
726	188	2.12e-004	-4.39e-003	-2.45e-004	-6.59e-002	6.76e-002	-1.96e-003
	178	2.12e-004	-4.78e-003	-1.22e-004	-4.33e-002	6.57e-002	-1.49e-003
	247	1.40e-004	-4.78e-003	-1.71e-004	-5.35e-002	6.76e-002	-5.51e-003
	243	1.40e-004	-4.39e-003	-2.94e-004	-5.42e-002	7.12e-002	-5.98e-003
727	242	3.60e-005	-4.82e-003	-3.71e-004	-3.16e-002	7.42e-002	3.12e-003

	245	3.60e-005	-5.09e-003	-6.22e-004	-4.46e-002	1.92e-002	1.57e-002
	246	-3.41e-005	-5.09e-003	-6.15e-004	-1.71e-002	2.45e-002	1.83e-002
	199	-3.41e-005	-4.82e-003	-3.65e-004	-3.48e-002	-3.59e-002	5.74e-003
728	241	4.09e-005	-4.59e-003	-3.73e-004	-3.81e-002	7.82e-002	3.06e-004
	244	4.09e-005	-4.87e-003	-5.76e-004	-5.50e-002	4.19e-002	4.92e-003
	245	3.60e-005	-4.87e-003	-6.10e-004	-3.12e-002	3.15e-002	9.20e-003
	242	3.60e-005	-4.59e-003	-4.07e-004	-4.84e-002	-1.07e-002	4.59e-003
729	240	8.60e-005	-4.30e-003	-3.34e-004	-5.39e-002	9.13e-002	-8.76e-003
	243	8.60e-005	-4.61e-003	-4.90e-004	-6.11e-002	5.91e-002	-3.90e-003
	244	4.09e-005	-4.61e-003	-5.25e-004	-4.09e-002	4.89e-002	2.23e-003
	241	4.09e-005	-4.30e-003	-3.69e-004	-5.98e-002	8.42e-003	-2.63e-003
730	174	1.45e-004	-3.90e-003	-1.94e-004	-7.40e-002	0.10	-5.11e-003
	188	1.45e-004	-4.39e-003	-3.04e-004	-6.39e-002	7.00e-002	9.95e-005
	243	8.60e-005	-4.39e-003	-4.10e-004	-5.78e-002	7.00e-002	-3.82e-003
	240	8.60e-005	-3.90e-003	-3.00e-004	-6.47e-002	5.00e-002	-9.03e-003
731	237	-6.43e-006	-5.47e-003	-8.59e-004	-2.06e-002	3.31e-003	-3.24e-003
	242	-6.43e-006	-4.82e-003	-4.73e-004	-3.02e-002	-2.20e-002	-1.78e-003
	199	2.10e-006	-4.82e-003	-4.83e-004	-3.18e-002	4.49e-002	2.46e-003
	239	2.10e-006	-5.47e-003	-8.69e-004	-1.72e-002	5.89e-003	1.01e-003
732	235	-9.95e-006	-5.71e-003	-8.38e-004	-2.01e-002	2.03e-003	-1.13e-002
	241	-9.95e-006	-4.59e-003	-4.71e-004	-4.56e-002	-2.87e-002	-7.55e-003
	242	-6.43e-006	-4.59e-003	-4.90e-004	-2.88e-002	4.42e-002	-2.10e-003
	237	-6.43e-006	-5.71e-003	-8.57e-004	-2.99e-002	1.83e-003	-5.82e-003
733	233	6.08e-006	-6.00e-003	-7.75e-004	-2.63e-002	5.10e-003	-1.87e-002
	240	6.08e-006	-4.30e-003	-4.30e-004	-5.65e-002	-2.49e-002	-1.49e-002
	241	-9.95e-006	-4.30e-003	-4.63e-004	-4.50e-002	4.33e-002	-8.92e-003
	235	-9.95e-006	-6.00e-003	-8.08e-004	-3.06e-002	5.53e-004	-1.28e-002
734	187	-3.37e-004	-6.23e-003	-7.75e-004	-4.17e-002	1.69e-002	-2.24e-002
	174	-3.37e-004	-3.90e-003	-3.49e-004	-6.83e-002	-1.03e-002	-1.35e-002
	240	6.08e-006	-3.90e-003	-3.75e-004	-5.77e-002	3.96e-002	-1.17e-002
	233	6.08e-006	-6.23e-003	-8.01e-004	-3.55e-002	8.52e-003	-2.06e-002
735	238	-7.00e-005	-6.18e-003	-3.67e-005	-7.17e-004	-4.78e-003	-1.10e-002
	237	-7.00e-005	-5.47e-003	-6.79e-004	-1.59e-002	2.58e-003	-8.90e-003
	239	4.13e-006	-5.47e-003	-7.17e-004	-1.22e-002	-1.25e-003	-6.09e-003
	198	4.13e-006	-6.18e-003	-7.43e-005	-1.82e-003	-3.01e-003	-8.15e-003
736	236	1.18e-005	-6.85e-003	9.03e-006	-3.74e-003	-7.50e-003	-1.93e-002
	235	1.18e-005	-5.71e-003	-6.99e-004	-1.65e-002	3.96e-003	-1.78e-002
	237	-7.00e-005	-5.71e-003	-6.77e-004	-1.50e-002	-2.88e-003	-1.12e-002
	238	-7.00e-005	-6.85e-003	3.04e-005	-2.52e-003	-5.67e-003	-1.26e-002
737	234	-1.10e-004	-7.69e-003	-2.17e-005	-3.62e-003	-2.24e-003	-2.70e-002
	233	-1.10e-004	-6.00e-003	-6.26e-004	-2.04e-002	8.23e-003	-2.51e-002
	235	1.18e-005	-6.00e-003	-6.69e-004	-1.78e-002	-4.06e-003	-1.89e-002
	236	1.18e-005	-7.69e-003	-6.42e-005	-2.64e-003	-6.90e-003	-2.08e-002
738	173	2.37e-005	-8.51e-003	1.87e-005	-1.88e-002	2.80e-002	-2.85e-002
	187	2.37e-005	-6.23e-003	-7.10e-004	-1.19e-002	2.64e-002	-2.44e-002
	233	-1.10e-004	-6.23e-003	-6.52e-004	-2.25e-002	2.12e-003	-2.63e-002
	234	-1.10e-004	-8.51e-003	7.72e-005	-6.20e-004	4.43e-003	-3.03e-002
739	228	-9.04e-006	-5.94e-003	5.05e-004	-3.42e-002	0.23	-0.10
	232	-9.04e-006	-4.63e-003	-2.38e-005	2.73e-003	0.21	-6.34e-002
	197	-1.40e-004	-4.63e-003	1.69e-005	-2.45e-002	0.10	-7.63e-002
	229	-1.40e-004	-5.94e-003	5.46e-004	3.40e-002	0.12	-0.11
740	227	4.71e-005	-6.36e-003	3.29e-004	-2.16e-002	0.33	-1.34e-002
	231	4.71e-005	-4.92e-003	-6.09e-005	-1.71e-002	0.29	-9.98e-003
	232	-9.04e-006	-4.92e-003	-1.38e-005	-9.85e-003	0.24	-5.55e-002
	228	-9.04e-006	-6.36e-003	3.76e-004	-2.25e-002	0.30	-5.89e-002
741	226	-8.15e-005	-6.95e-003	2.45e-004	1.25e-003	0.24	3.45e-002
	230	-8.15e-005	-5.03e-003	1.45e-005	-7.97e-003	0.22	1.90e-002
	231	4.71e-005	-5.03e-003	2.61e-006	-8.61e-003	0.28	-4.87e-003
	227	4.71e-005	-6.95e-003	2.33e-004	-2.71e-002	0.31	1.06e-002
742	186	-1.26e-005	-7.73e-003	9.27e-005	7.93e-003	8.99e-002	6.04e-002

	172	-1.26e-005	-4.91e-003	-1.74e-004	2.04e-002	6.09e-002	3.99e-002
	230	-8.15e-005	-4.91e-003	-3.65e-005	-7.78e-003	0.19	2.04e-002
	226	-8.15e-005	-7.73e-003	2.30e-004	-2.37e-003	0.20	4.09e-002
743	225	-5.65e-005	-6.76e-003	5.97e-004	0.10	0.43	-9.08e-002
	228	-5.65e-005	-5.94e-003	7.86e-004	-6.42e-002	0.29	-8.01e-002
	229	6.52e-005	-5.94e-003	6.67e-004	-2.46e-002	0.12	-0.14
	196	6.52e-005	-6.76e-003	4.79e-004	7.08e-002	0.17	-0.15
744	224	-2.93e-007	-7.14e-003	9.13e-004	0.10	0.39	6.07e-003
	227	-2.93e-007	-6.36e-003	7.40e-004	-3.30e-002	0.37	-4.16e-003
	228	-5.65e-005	-6.36e-003	6.56e-004	-6.74e-002	0.32	-6.07e-002
	225	-5.65e-005	-7.14e-003	8.30e-004	0.12	0.42	-5.04e-002
745	223	-6.97e-006	-8.88e-003	1.02e-003	6.30e-002	0.22	3.14e-002
	226	-6.97e-006	-6.95e-003	6.29e-004	1.82e-002	0.25	2.27e-002
	227	-2.93e-007	-6.95e-003	6.44e-004	-1.17e-002	0.32	1.82e-002
	224	-2.93e-007	-8.88e-003	1.04e-003	7.66e-002	0.36	2.69e-002
746	171	-6.23e-005	-1.04e-002	1.02e-003	5.25e-002	0.11	6.29e-002
	186	-6.23e-005	-7.73e-003	6.06e-004	2.91e-002	0.10	5.38e-002
	226	-6.97e-006	-7.73e-003	6.14e-004	1.91e-003	0.21	3.13e-002
	223	-6.97e-006	-1.04e-002	1.02e-003	6.28e-002	0.25	4.04e-002
747	220	-1.48e-003	-1.52e-002	2.22e-003	1.08e-002	-2.83e-002	-4.61e-002
	225	-1.48e-003	-6.76e-003	6.57e-004	0.13	0.10	-9.24e-002
	196	1.85e-004	-6.76e-003	-1.23e-004	-2.45e-002	-0.16	-0.10
	222	1.85e-004	-1.52e-002	1.44e-003	7.70e-002	-2.56e-002	-5.08e-002
748	218	-3.55e-005	-1.67e-002	2.83e-003	2.00e-002	-1.02e-002	-3.46e-002
	224	-3.55e-005	-7.14e-003	9.58e-004	0.15	0.12	-3.41e-002
	225	-1.48e-003	-7.14e-003	9.68e-004	0.10	-0.15	-4.86e-002
	220	-1.48e-003	-1.67e-002	2.84e-003	6.86e-002	1.71e-003	-4.90e-002
749	216	1.25e-005	-1.59e-002	2.54e-003	6.69e-003	-5.21e-002	-7.22e-003
	223	1.25e-005	-8.88e-003	1.11e-003	0.12	0.13	4.72e-003
	224	-3.55e-005	-8.88e-003	1.10e-003	6.26e-002	-0.22	-1.85e-002
	218	-3.55e-005	-1.59e-002	2.53e-003	0.10	-1.30e-002	-3.04e-002
750	185	-3.57e-004	-1.46e-002	2.26e-003	-1.70e-002	-6.89e-002	1.81e-002
	171	-3.57e-004	-1.04e-002	9.93e-004	0.10	0.11	2.52e-002
	223	1.25e-005	-1.04e-002	1.11e-003	2.94e-002	-0.25	6.90e-003
	216	1.25e-005	-1.46e-002	2.38e-003	7.80e-002	-4.61e-002	-2.34e-004
751	221	-7.37e-004	-3.75e-002	3.25e-003	5.70e-003	1.55e-003	-3.13e-002
	220	-7.37e-004	-1.52e-002	2.63e-003	4.65e-002	-4.93e-002	-2.55e-002
	222	1.50e-003	-1.52e-002	2.12e-003	3.27e-002	-9.89e-003	-1.55e-002
	205	1.50e-003	-3.75e-002	2.74e-003	3.07e-002	-8.15e-002	-2.13e-002
752	219	-1.55e-004	-2.67e-002	-5.48e-004	9.02e-003	1.65e-002	-9.26e-003
	218	-1.55e-004	-1.67e-002	2.23e-003	3.82e-002	-2.18e-002	-7.91e-003
	220	-7.37e-004	-1.67e-002	3.25e-003	4.61e-002	1.50e-002	-2.34e-002
	221	-7.37e-004	-2.67e-002	4.71e-004	5.12e-003	-2.20e-003	-2.48e-002
753	217	-5.60e-005	-2.24e-002	-7.61e-005	1.27e-002	-2.49e-002	1.78e-002
	216	-5.60e-005	-1.59e-002	2.27e-003	2.68e-002	-6.17e-002	1.99e-002
	218	-1.55e-004	-1.59e-002	1.93e-003	4.50e-002	6.72e-003	-2.79e-004
	219	-1.55e-004	-2.24e-002	-4.16e-004	5.56e-004	-2.56e-003	-2.35e-003
754	180	-7.19e-005	-1.87e-002	-2.52e-004	1.42e-002	-7.79e-002	3.02e-002
	185	-7.19e-005	-1.46e-002	1.80e-003	8.88e-003	-8.54e-002	3.46e-002
	216	-5.60e-005	-1.46e-002	2.11e-003	3.84e-002	-2.54e-002	2.92e-002
	217	-5.60e-005	-1.87e-002	5.74e-005	-2.18e-003	-2.54e-002	2.48e-002
755	210	-7.38e-004	-1.64e-002	-2.53e-003	3.46e-002	-6.75e-002	1.78e-002
	215	-7.38e-004	-3.77e-002	-3.08e-003	6.23e-003	-3.11e-002	2.97e-002
	204	1.66e-003	-3.77e-002	-2.63e-003	2.27e-002	-0.10	2.87e-002
	212	1.66e-003	-1.64e-002	-2.08e-003	4.11e-002	-5.81e-002	1.69e-002
756	208	-1.21e-004	-1.79e-002	-2.14e-003	2.86e-002	-1.09e-002	8.62e-003
	214	-1.21e-004	-2.74e-002	5.43e-004	7.21e-003	1.12e-002	9.39e-003
	215	-7.38e-004	-2.74e-002	-4.32e-004	5.40e-003	-2.68e-002	2.10e-002
	210	-7.38e-004	-1.79e-002	-3.12e-003	3.27e-002	-2.06e-002	2.02e-002
757	206	-3.55e-005	-1.70e-002	-2.25e-003	1.76e-002	-5.37e-003	-6.95e-003

	213	-3.55e-005	-2.33e-002	6.25e-005	8.27e-003	7.83e-003	-4.35e-003
	214	-1.21e-004	-2.33e-002	4.25e-004	7.16e-004	1.53e-002	5.25e-003
	208	-1.21e-004	-1.70e-002	-1.89e-003	3.27e-002	1.54e-002	2.65e-003
758	184	-5.36e-005	-1.57e-002	-1.83e-003	8.48e-003	-6.59e-002	-3.58e-003
	179	-5.36e-005	-1.96e-002	2.38e-004	9.23e-003	-6.33e-002	-1.53e-003
	213	-3.55e-005	-1.96e-002	-6.40e-005	-2.19e-003	8.39e-003	-4.91e-003
	206	-3.55e-005	-1.57e-002	-2.14e-003	2.59e-002	1.56e-002	-6.96e-003
759	211	-1.39e-003	-8.93e-003	-5.86e-004	8.47e-002	-2.68e-002	6.87e-002
	210	-1.39e-003	-1.64e-002	-2.15e-003	1.73e-002	-4.89e-002	2.40e-002
	212	2.06e-004	-1.64e-002	-1.42e-003	3.85e-002	-7.89e-002	3.64e-002
	201	2.06e-004	-8.93e-003	1.41e-004	-2.29e-002	-0.13	8.11e-002
760	209	1.51e-005	-8.98e-003	-1.02e-003	0.10	3.76e-002	2.00e-002
	208	1.51e-005	-1.79e-002	-2.80e-003	3.18e-002	-7.13e-003	1.94e-002
	210	-1.39e-003	-1.79e-002	-2.73e-003	4.08e-002	-2.65e-002	3.08e-002
	211	-1.39e-003	-8.98e-003	-9.59e-004	8.55e-002	-8.68e-002	3.14e-002
761	207	-4.69e-006	-1.02e-002	-1.21e-003	0.10	0.10	6.37e-003
	206	-4.69e-006	-1.70e-002	-2.57e-003	1.52e-002	4.55e-003	8.43e-003
	208	1.51e-005	-1.70e-002	-2.54e-003	6.20e-002	4.71e-003	1.52e-002
	209	1.51e-005	-1.02e-002	-1.18e-003	6.30e-002	-0.10	1.31e-002
762	176	-3.97e-004	-1.15e-002	-9.13e-004	0.10	8.21e-002	3.37e-003
	184	-3.97e-004	-1.57e-002	-2.22e-003	-1.62e-002	-5.13e-002	1.14e-002
	206	-4.69e-006	-1.57e-002	-2.46e-003	5.61e-002	7.63e-003	1.13e-002
	207	-4.69e-006	-1.15e-002	-1.15e-003	5.39e-002	-0.13	3.18e-003
763	149	1.39e-004	-5.51e-003	1.51e-004	-6.83e-002	1.00e-002	-7.71e-002
	38	1.39e-004	-5.76e-003	1.21e-006	-7.15e-002	6.27e-002	-6.14e-002
	169	1.26e-004	-5.76e-003	1.38e-005	-7.26e-002	4.17e-002	-6.44e-002
	193	1.26e-004	-5.51e-003	1.64e-004	-1.60e-002	0.10	-8.01e-002
764	54	1.36e-004	-5.40e-003	7.67e-005	-1.93e-002	2.56e-002	-6.52e-002
	149	1.36e-004	-5.51e-003	1.57e-004	-3.84e-002	1.38e-002	-6.99e-002
	193	2.24e-004	-5.51e-003	2.27e-004	-4.82e-002	0.10	-6.35e-002
	177	2.24e-004	-5.40e-003	1.47e-004	-2.49e-002	7.69e-002	-5.88e-002
765	157	2.63e-004	-5.22e-003	4.83e-005	-2.32e-003	3.55e-002	-4.23e-002
	54	2.63e-004	-5.40e-003	7.21e-005	-4.43e-003	3.22e-002	-5.89e-002
	177	2.75e-004	-5.40e-003	1.00e-004	-3.62e-002	6.87e-002	-5.46e-002
	190	2.75e-004	-5.22e-003	7.62e-005	-1.91e-002	5.97e-002	-3.81e-002
766	162	3.18e-004	-4.99e-003	-2.80e-005	-4.52e-003	4.24e-002	-1.44e-002
	157	3.18e-004	-5.22e-003	7.04e-006	6.05e-003	3.76e-002	-3.18e-002
	190	2.82e-004	-5.22e-003	2.47e-005	-2.69e-002	5.71e-002	-3.33e-002
	189	2.82e-004	-4.99e-003	-1.04e-005	-2.26e-002	5.43e-002	-1.60e-002
767	55	3.27e-004	-4.68e-003	-6.70e-005	-2.80e-002	5.18e-002	8.54e-003
	162	3.27e-004	-4.99e-003	-5.98e-005	-5.37e-003	4.36e-002	-3.82e-003
	189	2.77e-004	-4.99e-003	-5.29e-005	-3.18e-002	5.56e-002	-1.31e-002
	178	2.77e-004	-4.68e-003	-6.01e-005	-3.79e-002	6.01e-002	-7.34e-004
768	28	2.38e-004	-4.29e-003	-1.11e-004	-6.42e-002	6.54e-002	1.79e-002
	55	2.38e-004	-4.68e-003	-5.97e-005	-3.54e-002	5.28e-002	1.57e-002
	178	2.12e-004	-4.68e-003	-9.58e-005	-4.85e-002	6.51e-002	1.41e-004
	188	2.12e-004	-4.29e-003	-1.47e-004	-5.83e-002	7.15e-002	2.35e-003
769	47	1.82e-004	-3.73e-003	-8.81e-006	-8.59e-002	0.10	1.46e-002
	28	1.82e-004	-4.29e-003	-7.05e-005	-7.68e-002	7.05e-002	1.93e-002
	188	1.45e-004	-4.29e-003	-2.06e-004	-6.54e-002	7.45e-002	4.23e-003
	174	1.45e-004	-3.73e-003	-1.44e-004	-8.17e-002	6.35e-002	-5.31e-004
770	141	-2.59e-004	-5.81e-003	6.37e-005	-3.29e-002	1.60e-002	-2.16e-004
	47	-2.59e-004	-3.73e-003	-2.48e-005	-9.17e-002	1.17e-002	2.50e-003
	174	-3.37e-004	-3.73e-003	-3.41e-004	-7.74e-002	2.84e-002	-6.44e-003
	187	-3.37e-004	-5.81e-003	-2.52e-004	-4.15e-002	4.12e-002	-9.16e-003
771	46	-7.31e-004	-1.08e-002	-1.26e-003	3.45e-002	0.20	3.70e-002
	141	-7.31e-004	-5.81e-003	-3.71e-004	-5.61e-002	4.28e-002	3.75e-002
	187	2.37e-005	-5.81e-003	-1.88e-004	-2.34e-002	5.13e-002	-1.83e-002
	173	2.37e-005	-1.08e-002	-1.08e-003	2.74e-003	2.21e-003	-1.87e-002
772	130	-6.13e-004	-8.33e-003	5.68e-004	0.11	-0.12	0.15

	45	-6.13e-004	-4.66e-003	2.06e-004	2.57e-002	-0.29	0.10
	172	-1.26e-005	-4.66e-003	-1.93e-004	7.26e-003	3.50e-002	3.53e-002
	186	-1.26e-005	-8.33e-003	1.69e-004	1.88e-002	-1.51e-002	8.90e-002
773	44	-2.14e-004	-1.22e-002	8.62e-004	-1.17e-002	-9.11e-002	0.11
	130	-2.14e-004	-8.33e-003	6.29e-004	3.36e-002	-0.11	0.13
	186	-6.23e-005	-8.33e-003	6.83e-004	2.82e-003	3.03e-002	8.01e-002
	171	-6.23e-005	-1.22e-002	9.15e-004	4.74e-002	0.10	6.65e-002
774	122	9.59e-004	-1.30e-002	2.64e-003	-4.14e-002	-0.12	1.83e-002
	44	9.59e-004	-1.22e-002	1.26e-003	-5.35e-004	1.07e-002	4.57e-002
	171	-3.57e-004	-1.22e-002	1.05e-003	9.50e-003	-0.23	3.78e-002
	185	-3.57e-004	-1.30e-002	2.44e-003	3.79e-002	-9.27e-002	1.04e-002
775	57	1.95e-003	-1.64e-002	-7.08e-004	1.11e-002	-0.20	6.52e-003
	122	1.95e-003	-1.30e-002	2.19e-003	1.01e-002	-0.14	8.33e-003
	185	-7.19e-005	-1.30e-002	1.97e-003	1.85e-002	-8.23e-002	3.51e-002
	180	-7.19e-005	-1.64e-002	-9.29e-004	8.67e-003	-5.17e-002	3.33e-002
776	101	1.81e-003	-1.39e-002	-2.17e-003	9.46e-003	-0.20	1.54e-002
	56	1.81e-003	-1.74e-002	9.23e-004	-4.08e-003	-0.25	2.09e-002
	179	-5.36e-005	-1.74e-002	1.07e-003	1.03e-002	-6.90e-002	6.07e-004
	184	-5.36e-005	-1.39e-002	-2.02e-003	1.28e-002	-9.47e-002	-4.83e-003
777	49	9.31e-004	-1.37e-002	-1.41e-003	-2.81e-002	-4.99e-002	-2.80e-002
	101	9.31e-004	-1.39e-002	-2.77e-003	-5.12e-002	-0.18	9.29e-003
	184	-3.97e-004	-1.39e-002	-2.41e-003	4.12e-002	-0.10	1.94e-002
	176	-3.97e-004	-1.37e-002	-1.05e-003	1.44e-003	-0.25	-1.79e-002
778	85	3.36e-004	-1.15e-002	-1.11e-003	-3.91e-002	-0.11	-0.12
	49	3.36e-004	-1.37e-002	-1.36e-003	-5.91e-002	-0.12	-7.75e-002
	176	-1.47e-004	-1.37e-002	-8.83e-004	5.14e-002	0.11	-4.45e-002
	183	-1.47e-004	-1.15e-002	-6.28e-004	4.05e-002	7.08e-002	-8.72e-002
779	48	-3.44e-004	-6.26e-003	-2.60e-003	3.77e-002	-8.52e-002	-0.14
	85	-3.44e-004	-1.15e-002	-1.14e-003	1.33e-002	-0.11	-0.13
	183	3.95e-004	-1.15e-002	-4.16e-004	4.29e-002	4.56e-002	-8.86e-002
	175	3.95e-004	-6.26e-003	-1.87e-003	3.55e-002	-4.30e-002	-0.10
780	93	-9.17e-004	-8.78e-004	3.40e-004	6.17e-002	-7.57e-002	-0.11
	48	-9.17e-004	-6.26e-003	-1.74e-003	7.05e-002	-7.76e-002	-0.12
	175	5.31e-003	-6.26e-003	-2.42e-003	7.67e-002	-5.79e-002	-0.15
	182	5.31e-003	-8.78e-004	-3.34e-004	2.51e-002	-1.47e-002	-0.13
781	39	-3.19e-004	-6.26e-003	2.49e-003	1.70e-002	-3.58e-002	-4.17e-002
	93	-3.19e-004	-8.78e-004	1.11e-003	5.44e-002	-5.86e-002	-9.30e-002
	182	2.11e-003	-8.78e-004	2.19e-003	1.31e-002	-1.64e-002	-0.13
	170	2.11e-003	-6.26e-003	3.57e-003	-5.87e-002	2.23e-002	-7.67e-002
782	77	1.55e-004	-7.06e-003	-6.54e-005	-4.84e-002	-2.83e-002	-2.70e-002
	39	1.55e-004	-6.26e-003	2.57e-003	9.61e-003	-4.81e-002	-4.18e-002
	170	-7.82e-004	-6.26e-003	2.06e-003	-4.24e-002	3.84e-002	-3.57e-002
	181	-7.82e-004	-7.06e-003	-5.74e-004	-3.56e-002	9.38e-003	-2.09e-002
783	38	6.98e-004	-5.76e-003	2.73e-004	-9.41e-002	-1.09e-002	-4.08e-002
	77	6.98e-004	-7.06e-003	-5.62e-004	-5.09e-002	-3.13e-002	-2.77e-002
	181	-3.60e-004	-7.06e-003	-9.65e-004	-4.46e-002	6.08e-003	-2.37e-002
	169	-3.60e-004	-5.76e-003	-1.29e-004	-4.20e-002	-1.78e-002	-3.68e-002
784	17	3.02e-004	-4.33e-003	-2.05e-004	8.74e-002	-3.13e-002	3.65e-002
	144	3.02e-004	-3.97e-003	-1.76e-004	0.14	-3.47e-002	2.20e-002
	47	1.82e-004	-3.97e-003	-6.03e-005	0.11	-6.49e-002	1.57e-002
	28	1.82e-004	-4.33e-003	-8.95e-005	7.06e-002	-6.08e-002	3.03e-002
785	165	3.20e-004	-4.69e-003	-5.61e-005	1.97e-002	-3.74e-002	3.17e-002
	17	3.20e-004	-4.33e-003	-1.71e-004	4.92e-002	-3.78e-002	3.80e-002
	28	2.38e-004	-4.33e-003	-4.91e-005	6.29e-002	-5.36e-002	2.72e-002
	55	2.38e-004	-4.69e-003	6.56e-005	2.72e-002	-4.11e-002	2.09e-002
786	161	4.61e-004	-4.99e-003	-4.30e-005	-2.64e-002	-4.12e-002	6.42e-003
	165	4.61e-004	-4.69e-003	-4.37e-005	-1.44e-002	-4.17e-002	2.42e-002
	55	3.27e-004	-4.69e-003	7.30e-005	1.80e-002	-3.38e-002	1.63e-002
	162	3.27e-004	-4.99e-003	7.36e-005	-5.52e-003	-2.38e-002	-1.44e-003
787	156	4.27e-004	-5.19e-003	4.49e-005	-4.39e-002	-3.31e-002	-1.90e-002

	161	4.27e-004	-4.99e-003	6.95e-005	-4.11e-002	-4.02e-002	3.90e-004
	162	3.18e-004	-4.99e-003	4.18e-005	-1.24e-002	-2.01e-002	-9.58e-003
	157	3.18e-004	-5.19e-003	1.73e-005	-1.45e-002	-1.40e-002	-2.89e-002
788	152	4.24e-004	-5.33e-003	1.33e-004	-2.80e-002	-1.25e-002	-4.04e-002
	156	4.24e-004	-5.19e-003	1.42e-004	-3.77e-002	-2.65e-002	-2.40e-002
	157	2.63e-004	-5.19e-003	-2.40e-005	-1.83e-002	-1.14e-002	-3.81e-002
	54	2.63e-004	-5.33e-003	-3.30e-005	1.92e-003	-6.70e-003	-5.45e-002
789	148	2.78e-004	-5.48e-003	1.40e-004	3.67e-002	1.09e-002	-4.97e-002
	152	2.78e-004	-5.33e-003	9.58e-005	-1.54e-003	-4.84e-004	-4.68e-002
	54	1.36e-004	-5.33e-003	-3.76e-005	4.27e-003	-6.57e-003	-5.89e-002
	149	1.36e-004	-5.48e-003	6.86e-006	4.05e-002	-3.37e-003	-6.18e-002
790	76	2.81e-004	-5.93e-003	-3.72e-005	0.14	-2.34e-003	-3.49e-002
	148	2.81e-004	-5.48e-003	2.37e-005	7.54e-002	2.12e-002	-5.06e-002
	149	1.39e-004	-5.48e-003	1.26e-005	4.34e-002	2.89e-003	-6.85e-002
	38	1.39e-004	-5.93e-003	-4.83e-005	0.12	4.78e-002	-5.28e-002
791	140	8.24e-005	-5.61e-003	5.43e-004	-1.22e-002	-3.12e-002	-3.28e-003
	144	8.24e-005	-3.97e-003	2.49e-004	-0.12	1.40e-002	-8.70e-004
	47	-2.59e-004	-3.97e-003	7.77e-005	-9.22e-002	-2.50e-003	1.37e-002
	141	-2.59e-004	-5.61e-003	3.72e-004	-3.81e-002	1.53e-002	1.13e-002
792	133	-2.67e-004	-6.05e-003	-6.90e-004	0.12	-5.55e-002	5.74e-002
	140	-2.67e-004	-5.61e-003	2.96e-004	3.03e-002	-1.28e-002	2.94e-003
	141	-7.31e-004	-5.61e-003	-6.34e-005	7.78e-003	-8.31e-003	3.10e-002
	46	-7.31e-004	-5.93e-003	-1.01e-003	9.71e-003	-5.02e-002	0.10
793	129	-5.81e-004	-8.54e-003	2.30e-004	7.72e-002	-0.15	9.46e-002
	133	-5.81e-004	-5.53e-003	-3.84e-004	0.12	-8.33e-002	7.64e-002
	45	-6.13e-004	-5.41e-003	1.98e-006	0.10	-0.11	0.13
	130	-6.13e-004	-8.54e-003	6.19e-004	4.84e-002	-0.16	0.15
794	125	-2.13e-004	-1.36e-002	-1.65e-004	-0.17	-0.23	7.48e-002
	129	-2.13e-004	-8.54e-003	9.62e-005	5.58e-002	-0.21	0.12
	130	-2.14e-004	-8.54e-003	6.80e-004	5.35e-002	-0.16	0.13
	44	-2.14e-004	-1.36e-002	4.19e-004	-7.61e-002	-0.18	9.33e-002
795	121	1.58e-003	-1.13e-002	-5.83e-004	-7.36e-002	-0.13	1.16e-002
	125	1.58e-003	-1.36e-002	-9.38e-004	-0.20	-0.14	5.99e-002
	44	9.59e-004	-1.36e-002	9.91e-004	-9.06e-002	-0.12	4.51e-002
	122	9.59e-004	-1.13e-002	1.35e-003	-2.56e-002	-0.10	-3.26e-003
796	117	1.19e-003	-6.37e-003	-3.96e-003	2.82e-002	-0.10	-1.38e-002
	121	1.19e-003	-1.13e-002	-1.34e-003	-4.12e-002	-0.11	-4.35e-003
	122	1.95e-003	-1.13e-002	8.99e-004	-2.45e-002	-0.11	-4.83e-003
	57	1.95e-003	-6.37e-003	-1.72e-003	4.29e-002	-0.12	-1.42e-002
797	113	1.85e-003	-8.96e-004	-1.18e-003	8.69e-002	-0.10	-7.15e-003
	117	1.85e-003	-6.37e-003	-3.74e-003	6.52e-002	-8.97e-002	-9.02e-003
	57	1.15e-002	-6.37e-003	-2.48e-003	7.66e-002	-0.11	-4.65e-002
	114	1.15e-002	-8.96e-004	7.81e-005	6.98e-002	-4.93e-002	-4.46e-002
798	108	7.65e-004	-9.35e-004	-1.90e-004	9.50e-002	-0.10	5.11e-003
	113	7.65e-004	-8.96e-004	3.54e-004	0.10	-0.10	-1.42e-002
	114	1.20e-002	-8.96e-004	2.69e-004	6.92e-002	-4.36e-002	-9.99e-003
	109	1.20e-002	-9.35e-004	-2.74e-004	6.66e-002	-4.51e-002	9.36e-003
799	104	1.85e-003	-6.79e-003	3.88e-003	5.77e-002	-0.10	5.92e-003
	108	1.85e-003	-9.35e-004	1.27e-003	8.58e-002	-0.11	-1.80e-003
	109	1.12e-002	-9.35e-004	9.43e-005	6.32e-002	-5.69e-002	4.79e-002
	56	1.12e-002	-6.79e-003	2.71e-003	5.71e-002	-0.13	5.56e-002
800	100	1.21e-003	-1.20e-002	1.23e-003	-4.97e-002	-0.13	3.88e-003
	104	1.21e-003	-6.79e-003	4.03e-003	2.53e-002	-0.11	1.18e-002
	56	1.81e-003	-6.79e-003	1.88e-003	3.46e-002	-0.15	2.84e-002
	101	1.81e-003	-1.20e-002	-9.19e-004	-3.27e-002	-0.15	2.04e-002
801	88	1.59e-003	-1.45e-002	6.33e-004	-0.22	-0.11	-4.63e-002
	100	1.59e-003	-1.20e-002	3.53e-004	-9.22e-002	-0.15	-1.52e-003
	101	9.31e-004	-1.20e-002	-1.52e-003	-2.77e-002	-0.15	1.53e-002
	49	9.31e-004	-1.45e-002	-1.24e-003	-0.13	-0.21	-2.95e-002
802	84	-4.41e-005	-1.11e-002	-5.15e-004	-9.38e-002	-0.25	-0.10

	88	-4.41e-005	-1.45e-002	-2.55e-004	-0.23	-0.27	-5.98e-002
	49	3.36e-004	-1.45e-002	-1.18e-003	-0.13	-0.16	-7.71e-002
	85	3.36e-004	-1.11e-002	-1.44e-003	-2.55e-002	-0.16	-0.11
803	96	-7.22e-004	-6.57e-003	-9.20e-004	7.89e-002	-0.18	-8.54e-002
	84	-7.22e-004	-1.11e-002	-7.12e-004	-2.18e-002	-0.23	-9.07e-002
	85	-3.44e-004	-1.11e-002	-1.47e-003	-2.77e-002	-0.15	-0.13
	48	-3.44e-004	-6.57e-003	-1.68e-003	7.03e-002	-0.15	-0.12
804	92	-9.07e-004	-4.25e-003	8.82e-005	0.11	-9.15e-002	-4.45e-002
	96	-9.07e-004	-6.57e-003	-8.73e-004	0.11	-0.14	-7.45e-002
	48	-9.17e-004	-6.57e-003	-8.23e-004	6.22e-002	-0.14	-0.12
	93	-9.17e-004	-4.25e-003	1.38e-004	8.70e-002	-0.11	-9.26e-002
805	80	-7.02e-004	-4.80e-003	9.54e-004	6.95e-002	-5.10e-002	-1.62e-002
	92	-7.02e-004	-4.25e-003	4.59e-004	0.10	-7.67e-002	-4.36e-002
	93	-3.19e-004	-4.25e-003	9.12e-004	6.92e-002	-9.38e-002	-7.39e-002
	39	-3.19e-004	-4.80e-003	1.41e-003	3.49e-002	-6.72e-002	-4.65e-002
806	75	-3.69e-004	-5.72e-003	2.89e-004	-3.81e-002	-4.57e-002	-5.27e-003
	80	-3.69e-004	-4.80e-003	1.02e-003	3.12e-002	-5.43e-002	-1.34e-002
	39	1.55e-004	-4.80e-003	1.48e-003	7.07e-003	-5.28e-002	-3.29e-002
	77	1.55e-004	-5.72e-003	7.52e-004	-3.59e-002	-3.24e-002	-2.48e-002
807	76	1.70e-004	-5.93e-003	2.71e-004	-0.15	-3.91e-002	-1.99e-002
	75	1.70e-004	-5.72e-003	2.11e-004	-7.91e-002	-4.84e-002	-8.10e-003
	77	6.98e-004	-5.72e-003	2.55e-004	-6.87e-002	-2.57e-002	-2.27e-002
	38	6.98e-004	-5.93e-003	3.16e-004	-0.11	-2.21e-002	-3.45e-002

SFORZI "Doghe rivestimento" (Fase 1)

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
206	230	-0.48	0.00	0.00	0.00	0.00	0.00
	234	0.48	0.00	0.00	0.00	0.00	0.00
207	232	0.82	0.00	0.00	0.00	0.00	0.00
	238	-0.82	0.00	0.00	0.00	0.00	0.00
208	319	1.27	0.00	0.00	0.00	0.00	0.00
	322	-1.27	0.00	0.00	0.00	0.00	0.00
209	285	-0.80	0.00	0.00	0.00	0.00	0.00
	286	0.80	0.00	0.00	0.00	0.00	0.00
210	456	-2.03	0.00	0.00	0.00	0.00	0.00
	470	2.03	0.00	0.00	0.00	0.00	0.00
211	458	-1.65	0.00	0.00	0.00	0.00	0.00
	474	1.65	0.00	0.00	0.00	0.00	0.00
212	460	-1.55	0.00	0.00	0.00	0.00	0.00
	478	1.55	0.00	0.00	0.00	0.00	0.00
213	462	-1.40	0.00	0.00	0.00	0.00	0.00
	482	1.40	0.00	0.00	0.00	0.00	0.00
214	464	-0.66	0.00	0.00	0.00	0.00	0.00
	486	0.66	0.00	0.00	0.00	0.00	0.00
215	12	0.37	0.00	0.00	0.00	0.00	0.00
	16	-0.37	0.00	0.00	0.00	0.00	0.00
216	466	0.15	0.00	0.00	0.00	0.00	0.00
	490	-0.15	0.00	0.00	0.00	0.00	0.00
371	137	0.35	0.00	0.00	0.00	0.00	0.00
	135	-0.35	0.00	0.00	0.00	0.00	0.00
11	681	-1.69e-002	-2.13e-002	6.95e-005	4.45e-003	-2.79e-003	6.98e-002
	63	1.69e-002	2.13e-002	-6.95e-005	-4.45e-003	-2.66e-003	-1.74
12	66	-1.68e-002	-1.57e-002	-4.16e-005	-4.99e-003	2.14e-003	-1.17
	681	1.68e-002	1.57e-002	4.16e-005	4.99e-003	1.13e-003	-6.23e-002
13	681	1.34e-002	-1.81e-002	-8.86e-005	-5.31e-003	2.76e-003	0.24
	65	-1.34e-002	1.81e-002	8.86e-005	5.31e-003	4.19e-003	-1.66

14	64	1.35e-002	-2.36e-002	2.11e-005	2.01e-003	-5.63e-004	-1.62
	681	-1.35e-002	2.36e-002	-2.11e-005	-2.01e-003	-1.10e-003	-0.23
15	679	-1.81	2.38e-002	-2.88e-003	0.00	0.49	4.04
	627	1.81	-2.38e-002	2.88e-003	0.00	-0.17	-1.43
16	20	-1.81	2.38e-002	-2.88e-003	0.00	0.69	5.70
	679	1.81	-2.38e-002	2.88e-003	0.00	-0.49	-4.04
17	678	1.80	-4.11e-003	-2.57e-003	0.00	0.44	-0.70
	625	-1.80	4.11e-003	2.57e-003	0.00	-0.15	0.25
18	10	1.80	-4.11e-003	-2.57e-003	0.00	0.62	-0.99
	678	-1.80	4.11e-003	2.57e-003	0.00	-0.44	0.70
19	627	-1.81	2.38e-002	-2.88e-003	0.00	0.17	1.43
	710	1.81	-2.38e-002	2.88e-003	0.00	0.00	0.00
20	625	1.80	-4.11e-003	-2.57e-003	0.00	0.15	-0.25
	60	-1.80	4.11e-003	2.57e-003	0.00	0.00	0.00
21	138	0.94	2.40e-002	-3.18e-003	0.00	0.76	5.76
	701	-0.94	-2.40e-002	3.18e-003	0.00	0.00	0.00
22	134	-0.85	4.17e-003	-2.71e-003	0.00	0.65	1.00
	698	0.85	-4.17e-003	2.71e-003	0.00	0.00	0.00
23	624	-0.21	-1.12e-002	-1.55e-002	-4.52e-004	0.82	-2.19
	623	0.21	1.12e-002	1.55e-002	4.52e-004	0.92	0.94
24	624	0.10	5.34e-002	2.06e-004	0.00	-2.06e-002	5.34
	703	-0.10	-5.34e-002	-2.06e-004	0.00	0.00	0.00
25	696	8.96e-002	-0.16	1.57e-002	0.82	-2.22	-14.59
	624	-8.96e-002	0.16	-1.57e-002	-0.82	2.10e-002	-7.53
26	623	1.82e-002	-6.68e-002	-4.80e-003	0.00	0.48	-6.68
	702	-1.82e-002	6.68e-002	4.80e-003	0.00	0.00	0.00
27	697	2.93e-002	0.14	-2.03e-002	0.92	3.32	12.60
	623	-2.93e-002	-0.14	2.03e-002	-0.92	-0.48	7.62
28	166	-0.35	3.74e-005	3.00e-013	1.28e-002	-0.71	5.48e-002
	110	0.35	-3.74e-005	-3.00e-013	-1.28e-002	0.71	-5.18e-002
29	118	-0.35	3.74e-005	3.06e-013	1.28e-002	-0.71	5.78e-002
	166	0.35	-3.74e-005	-3.06e-013	-1.28e-002	0.71	-5.48e-002
30	158	8.91e-002	9.04e-008	3.04e-013	1.28e-002	0.16	6.34e-004
	69	-8.91e-002	-9.04e-008	-3.04e-013	-1.28e-002	-0.16	-6.27e-004
31	74	8.91e-002	9.04e-008	3.02e-013	1.28e-002	0.16	6.41e-004
	158	-8.91e-002	-9.04e-008	-3.02e-013	-1.28e-002	-0.16	-6.34e-004
32	153	-1.67e-002	-4.00e-008	2.47e-013	1.28e-002	-3.30e-002	6.60e-006
	70	1.67e-002	4.00e-008	-2.47e-013	-1.28e-002	3.30e-002	-9.80e-006
33	81	-1.67e-002	-4.00e-008	2.53e-013	1.28e-002	-3.30e-002	3.41e-006
	153	1.67e-002	4.00e-008	-2.53e-013	-1.28e-002	3.30e-002	-6.60e-006
34	145	3.52e-003	1.16e-006	1.76e-013	1.28e-002	7.07e-003	6.87e-008
	73	-3.52e-003	-1.16e-006	-1.76e-013	-1.28e-002	-7.07e-003	9.24e-005
35	89	3.52e-003	1.16e-006	1.71e-013	1.28e-002	7.07e-003	9.26e-005
	145	-3.52e-003	-1.16e-006	-1.71e-013	-1.28e-002	-7.07e-003	-6.87e-008
36	136	-5.95e-004	3.03e-004	1.15e-013	1.28e-002	-2.60e-003	8.02e-010
	97	5.95e-004	-3.03e-004	-1.15e-013	-1.28e-002	2.60e-003	2.42e-002
37	105	-5.95e-004	3.03e-004	1.20e-013	1.28e-002	-2.60e-003	2.42e-002
	136	5.95e-004	-3.03e-004	-1.20e-013	-1.28e-002	2.60e-003	-8.02e-010
38	118	-2.50e-012	-1.86e-004	7.53e-002	-2.50e-002	-4.11	-1.02e-002
	74	2.50e-012	1.86e-004	-7.53e-002	2.50e-002	-0.98	-2.30e-003
39	579	-9.09e-012	-1.48e-004	-0.28	-8.28e-002	0.00	0.00
	118	9.09e-012	1.48e-004	0.28	8.28e-002	4.82	-2.59e-003
40	110	-1.14e-012	1.86e-004	-7.53e-002	-2.37e-002	4.11	1.02e-002

	69	1.14e-012	-1.86e-004	7.53e-002	2.37e-002	0.98	2.30e-003
41	516	-3.64e-012	1.48e-004	0.28	2.81e-002	0.00	0.00
	110	3.64e-012	-1.48e-004	-0.28	-2.81e-002	-4.82	2.59e-003
42	105	-9.09e-013	-4.90e-004	-1.02e-013	-3.47e-018	3.06e-012	-8.58e-003
	68	9.09e-013	4.90e-004	1.02e-013	3.47e-018	6.54e-013	-4.55e-013
43	89	-1.82e-012	-1.87e-004	-5.95e-004	-2.42e-002	3.76e-002	-8.35e-003
	105	1.82e-012	1.87e-004	5.95e-004	2.42e-002	2.60e-003	-4.27e-003
44	97	-9.09e-013	4.90e-004	-1.02e-013	-3.47e-018	3.63e-012	8.58e-003
	67	9.09e-013	-4.90e-004	1.02e-013	3.47e-018	-1.78e-014	4.55e-013
45	73	-1.82e-012	1.87e-004	5.95e-004	-2.42e-002	-3.76e-002	8.35e-003
	97	1.82e-012	-1.87e-004	-5.95e-004	2.42e-002	-2.60e-003	4.27e-003
46	81	-1.82e-012	-1.86e-004	2.93e-003	-2.43e-002	-0.18	-9.45e-003
	89	1.82e-012	1.86e-004	-2.93e-003	2.43e-002	-4.47e-002	-4.49e-003
47	74	-2.05e-012	-1.86e-004	-1.38e-002	-2.43e-002	0.83	-1.05e-002
	81	2.05e-012	1.86e-004	1.38e-002	2.43e-002	0.21	-3.40e-003
48	70	-1.36e-012	1.86e-004	-2.93e-003	-2.43e-002	0.18	9.45e-003
	73	1.36e-012	-1.86e-004	2.93e-003	2.43e-002	4.47e-002	4.49e-003
49	69	-1.36e-012	1.86e-004	1.38e-002	-2.43e-002	-0.83	1.05e-002
	70	1.36e-012	-1.86e-004	-1.38e-002	2.43e-002	-0.21	3.40e-003
50	63	-1.50e-002	4.84e-002	1.13e-005	5.53e-003	4.78e-005	2.44e-002
	700	1.50e-002	-4.84e-002	-1.13e-005	-5.53e-003	-8.56e-004	3.44
51	698	-7.02e-003	6.75e-002	-4.31e-006	-9.38e-003	6.49e-004	6.22
	66	7.02e-003	-6.75e-002	4.31e-006	9.38e-003	-3.40e-004	-1.39
52	65	9.70e-003	8.05e-002	-3.10e-005	-8.85e-003	2.27e-004	-1.31
	701	-9.70e-003	-8.05e-002	3.10e-005	8.85e-003	1.99e-003	7.08
53	699	1.60e-002	6.11e-002	-1.40e-005	4.06e-003	4.56e-004	5.57
	64	-1.60e-002	-6.11e-002	1.40e-005	-4.06e-003	5.43e-004	-1.20
54	65	-1.32e-002	0.11	-8.72e-005	4.58e-004	1.65e-003	5.91
	710	1.32e-002	-0.11	8.72e-005	-4.58e-004	3.06e-003	0.15
55	63	-1.48e-002	-9.61e-003	-4.91e-005	-3.82e-004	2.30e-003	2.65
	65	1.48e-002	9.61e-003	4.91e-005	3.82e-004	3.21e-003	-3.73
56	58	-1.55e-002	-7.33e-002	-2.19e-004	-1.85e-003	6.28e-003	-7.88e-002
	63	1.55e-002	7.33e-002	2.19e-004	1.85e-003	5.55e-003	-3.88
57	66	-2.70e-003	-0.11	2.11e-005	9.34e-004	-4.72e-004	-6.06
	60	2.70e-003	0.11	-2.11e-005	-9.34e-004	-6.69e-004	-0.14
58	64	3.68e-003	3.43e-002	-4.94e-005	-1.64e-003	2.60e-003	-0.33
	66	-3.68e-003	-3.43e-002	4.94e-005	1.64e-003	2.93e-003	4.16
59	59	9.29e-004	4.63e-002	-2.97e-004	3.83e-004	9.05e-003	0.10
	64	-9.29e-004	-4.63e-002	2.97e-004	-3.83e-004	6.98e-003	2.40
60	706	-5.10e-003	-0.11	2.50e-004	6.90e-003	-6.28e-003	5.72e-002
	66	5.10e-003	0.11	-2.50e-004	-6.90e-003	-5.48e-003	-5.17
61	66	2.16e-003	0.12	-2.50e-005	-6.78e-003	1.22e-003	6.91
	65	-2.16e-003	-0.12	2.50e-005	6.78e-003	1.52e-003	6.66
62	65	5.15e-003	-0.10	4.89e-004	6.00e-003	-1.08e-002	-4.64
	702	-5.15e-003	0.10	-4.89e-004	-6.00e-003	-1.22e-002	7.72e-002
63	63	5.86e-004	-6.44e-002	1.44e-004	-2.63e-003	-2.41e-003	-3.07
	703	-5.86e-004	6.44e-002	-1.44e-004	2.63e-003	-4.37e-003	4.77e-002
64	64	2.39e-003	6.90e-002	4.88e-005	4.95e-003	-2.54e-003	3.31
	63	-2.39e-003	-6.90e-002	-4.88e-005	-4.95e-003	-2.83e-003	4.28
65	707	1.04e-003	-2.77e-002	3.49e-004	-3.36e-003	-9.40e-003	8.48e-002
	64	-1.04e-003	2.77e-002	-3.49e-004	3.36e-003	-7.02e-003	-1.39
77	702	-3.88e-002	-6.32e-002	-1.26e-003	-8.47e-002	-7.35e-002	1.98
	701	3.88e-002	6.32e-002	1.26e-003	8.47e-002	0.14	-5.39

78	703	2.76e-002	1.57e-002	-9.13e-004	-7.55e-003	1.66e-002	3.74
	702	-2.76e-002	-1.57e-002	9.13e-004	7.55e-003	8.57e-002	-1.98
79	700	-2.59e-002	-2.07e-002	-1.21e-004	4.02e-002	1.87e-002	2.62
	703	2.59e-002	2.07e-002	1.21e-004	-4.02e-002	-1.22e-002	-3.73
80	706	4.80e-003	-3.05e-002	9.97e-004	-8.01e-002	-8.74e-002	-6.38
	698	-4.80e-003	3.05e-002	-9.97e-004	8.01e-002	3.36e-002	4.74
81	707	-4.90e-004	0.11	-1.13e-003	-2.29e-002	3.31e-002	5.56
	706	4.90e-004	-0.11	1.13e-003	2.29e-002	9.37e-002	6.39
82	699	-6.29e-003	-0.18	-1.32e-003	6.19e-002	9.48e-002	-4.25
	707	6.29e-003	0.18	1.32e-003	-6.19e-002	-2.37e-002	-5.56
83	710	-4.48e-003	-0.96	7.48e-003	5.81e-002	-0.21	-40.44
	701	4.48e-003	0.96	-7.48e-003	-5.81e-002	-0.14	-4.74
84	60	-1.69e-003	0.74	-3.13e-003	-8.90e-002	0.14	40.49
	710	1.69e-003	-0.74	3.13e-003	8.90e-002	0.21	40.44
85	698	9.02e-004	-0.95	3.68e-003	4.92e-002	-3.42e-002	-4.17
	60	-9.02e-004	0.95	-3.68e-003	-4.92e-002	-0.14	-40.49
86	58	7.53e-003	-0.57	-2.08e-003	-2.26e-002	0.12	-24.36
	700	-7.53e-003	0.57	2.08e-003	2.26e-002	-1.79e-002	-2.30
87	59	-3.22e-003	0.44	1.70e-003	5.63e-002	-6.51e-002	24.50
	58	3.22e-003	-0.44	-1.70e-003	-5.63e-002	-0.12	24.37
88	699	-1.20e-002	-0.60	8.33e-004	-4.83e-002	-0.10	-3.72
	59	1.20e-002	0.60	-8.33e-004	4.83e-002	5.61e-002	-24.50
89	708	1.09	1.80e-003	9.10e-003	0.00	-2.18	0.43
	59	-1.09	-1.80e-003	-9.10e-003	0.00	0.00	0.00
90	709	-1.09	-1.93e-002	1.10e-002	0.00	-2.63	-4.63
	58	1.09	1.93e-002	-1.10e-002	0.00	0.00	0.00
95	704	0.26	6.15e-003	8.56e-004	0.00	-0.21	1.48
	707	-0.26	-6.15e-003	-8.56e-004	0.00	0.00	0.00
96	705	-0.25	5.54e-003	-7.23e-003	0.00	1.73	1.33
	706	0.25	-5.54e-003	7.23e-003	0.00	0.00	0.00
101	142	-0.72	6.62e-003	-1.75e-004	0.00	4.20e-002	1.59
	699	0.72	-6.62e-003	1.75e-004	0.00	0.00	0.00
102	131	0.50	-3.51e-002	2.40e-003	0.00	-0.58	-8.43
	700	-0.50	3.51e-002	-2.40e-003	0.00	0.00	0.00
217	280	-17.34	0.86	-7.14e-003	2.29e-002	0.57	32.58
	274	17.34	-0.86	7.14e-003	-2.29e-002	4.30e-002	41.33
218	127	0.86	1.46	-0.17	1.51e-003	6.90	62.28
	616	-0.86	-1.46	0.17	-1.51e-003	7.97	62.85
219	404	0.21	0.34	8.92e-002	-6.70e-003	-4.68	15.13
	428	-0.21	-0.34	-8.92e-002	6.70e-003	-3.35	15.18
224	62	0.50	1.85	-3.22e-002	-6.26e-003	0.95	79.01
	608	-0.50	-1.85	3.22e-002	6.26e-003	1.82	79.90
225	112	1.01	1.73	-0.15	-6.09e-003	5.75	74.61
	612	-1.01	-1.73	0.15	6.09e-003	7.09	74.52
226	400	1.37	0.50	0.12	-4.83e-004	-6.03	22.25
	420	-1.37	-0.50	-0.12	4.83e-004	-4.96	22.61
227	396	-4.06	0.56	6.54e-002	2.43e-003	-3.37	23.97
	412	4.06	-0.56	-6.54e-002	-2.43e-003	-2.52	26.46
686	288	-2.40	1.65	0.14	-1.05e-002	-5.97	70.71
	283	2.40	-1.65	-0.14	1.05e-002	-5.88	71.39
91	709	2.77	-0.55	6.30e-002	-0.62	-5.45	-15.97
	40	-2.77	0.55	-6.30e-002	0.62	3.87	2.22
92	132	5.40	-1.74	0.13	-2.17	-8.88	-36.04

	709	-5.40	1.74	-0.13	2.17	7.27	15.20
93	708	-2.41	0.38	2.39e-002	-0.41	-1.82	12.88
	53	2.41	-0.38	-2.39e-002	0.41	1.23	-3.42
94	139	-4.95	1.84	7.10e-002	-0.83	-2.89	35.99
	708	4.95	-1.84	-7.10e-002	0.83	2.04	-13.88
97	705	1.39	0.36	6.13e-002	-3.49	8.54	-4.42
	150	-1.39	-0.36	-6.13e-002	3.49	-9.22	8.38
98	5	0.81	0.18	-2.58e-003	-2.29	5.84	-0.59
	705	-0.81	-0.18	2.58e-003	2.29	-5.78	4.82
99	704	-1.06	-0.48	-2.57e-002	-1.96	8.33e-002	3.08
	147	1.06	0.48	2.57e-002	1.96	0.20	-8.38
100	160	-0.37	-6.95e-002	4.80e-003	-2.14	-0.70	0.66
	704	0.37	6.95e-002	-4.80e-003	2.14	0.59	-2.33
103	697	3.11e-002	-0.17	2.17e-003	-8.24e-002	-4.46e-002	-0.73
	146	-3.11e-002	0.17	-2.17e-003	8.24e-002	3.15e-002	-0.27
104	25	-0.37	-5.11e-003	-1.19e-002	-0.26	0.35	1.01
	697	0.37	5.11e-003	1.19e-002	0.26	-6.46e-002	-1.13
105	696	3.22e-002	-0.18	6.06e-003	-0.48	-5.45e-002	-0.79
	143	-3.22e-002	0.18	-6.06e-003	0.48	1.82e-002	-0.26
106	33	-0.48	1.51e-002	2.18e-002	-0.60	-0.59	1.44
	696	0.48	-1.51e-002	-2.18e-002	0.60	6.35e-002	-1.07
107	205	1.17e-008	-1.52e-011	1.19e-013	3.54e-011	-6.21e-011	1.87e-009
	222	-1.17e-008	1.52e-011	-1.19e-013	-3.54e-011	5.85e-011	-2.33e-009
108	212	1.21e-008	2.64e-011	1.66e-012	-2.22e-010	-1.52e-010	2.68e-009
	204	-1.21e-008	-2.64e-011	-1.66e-012	2.22e-010	1.02e-010	-1.89e-009
109	312	-4.37e-007	-1.85e-010	-9.44e-012	1.75e-010	5.79e-011	-5.48e-009
	205	4.37e-007	1.85e-010	9.44e-012	-1.75e-010	2.57e-010	-6.79e-010
110	308	-6.23e-007	-1.08e-011	1.83e-012	-1.39e-010	-8.65e-011	-2.03e-009
	312	6.23e-007	1.08e-011	-1.83e-012	1.39e-010	2.56e-011	1.67e-009
111	204	-4.98e-007	1.85e-010	1.58e-011	-5.12e-010	-4.12e-010	1.69e-010
	308	4.98e-007	-1.85e-010	-1.58e-011	5.12e-010	-1.14e-010	6.01e-009
112	32	2.89e-008	3.20e-012	-1.10e-012	5.08e-011	4.85e-011	2.17e-011
	143	-2.89e-008	-3.20e-012	1.10e-012	-5.08e-011	-7.58e-012	9.66e-011
113	30	6.23e-008	5.63e-012	-1.47e-012	5.20e-011	1.20e-010	1.59e-010
	32	-6.23e-008	-5.63e-012	1.47e-012	-5.20e-011	-6.52e-011	4.89e-011
114	364	1.29e-007	-1.17e-011	-4.50e-012	1.08e-010	2.59e-010	-4.00e-010
	30	-1.29e-007	1.17e-011	4.50e-012	-1.08e-010	-9.25e-011	-3.26e-011
115	27	2.96e-008	-2.47e-012	2.70e-014	8.89e-012	1.70e-011	-1.02e-011
	146	-2.96e-008	2.47e-012	-2.70e-014	-8.89e-012	-1.80e-011	-8.13e-011
116	26	6.90e-008	-6.34e-012	5.58e-013	-8.98e-012	-9.57e-012	-1.48e-010
	27	-6.90e-008	6.34e-012	-5.58e-013	8.98e-012	-1.11e-011	-8.69e-011
117	365	1.42e-007	1.53e-011	3.65e-012	-2.30e-011	-1.17e-010	5.30e-010
	26	-1.42e-007	-1.53e-011	-3.65e-012	2.30e-011	-1.80e-011	3.55e-011
118	3	4.01e-009	9.75e-012	-9.08e-014	2.09e-010	4.14e-011	9.52e-012
	150	-4.01e-009	-9.75e-012	9.08e-014	-2.09e-010	-3.80e-011	3.51e-010
119	168	5.69e-008	-4.12e-012	5.43e-014	1.02e-010	2.16e-011	-7.46e-011
	3	-5.69e-008	4.12e-012	-5.43e-014	-1.02e-010	-2.36e-011	-7.80e-011
120	367	1.01e-007	-5.30e-012	2.03e-014	7.76e-011	9.23e-012	-1.29e-010
	168	-1.01e-007	5.30e-012	-2.03e-014	-7.76e-011	-9.98e-012	-6.76e-011
121	428	1.52e-007	-1.18e-012	-2.65e-013	7.00e-011	1.25e-011	-1.72e-011
	367	-1.52e-007	1.18e-012	2.65e-013	-7.00e-011	-1.28e-013	-3.78e-011
122	426	1.97e-007	-1.70e-012	4.62e-013	3.33e-011	-1.31e-011	-1.02e-010
	428	-1.97e-007	1.70e-012	-4.62e-013	-3.33e-011	-8.45e-012	2.26e-011

123	424	2.52e-007	-4.41e-012	7.85e-014	3.83e-011	-1.80e-011	-1.39e-010
	426	-2.52e-007	4.41e-012	-7.85e-014	-3.83e-011	1.44e-011	-6.62e-011
124	422	3.06e-007	-4.40e-012	-3.46e-014	4.26e-011	-2.08e-011	-1.52e-010
	424	-3.06e-007	4.40e-012	3.46e-014	-4.26e-011	2.24e-011	-5.26e-011
125	420	3.63e-007	2.07e-012	-5.13e-013	5.52e-011	-6.93e-012	4.66e-011
	422	-3.63e-007	-2.07e-012	5.13e-013	-5.52e-011	3.08e-011	4.98e-011
126	418	4.02e-007	-6.59e-013	6.36e-013	1.66e-011	-4.29e-011	-1.19e-010
	420	-4.02e-007	6.59e-013	-6.36e-013	-1.66e-011	1.33e-011	8.88e-011
127	416	4.58e-007	-2.92e-012	2.38e-013	3.67e-011	-6.09e-011	-1.18e-010
	418	-4.58e-007	2.92e-012	-2.38e-013	-3.67e-011	4.98e-011	-1.81e-011
128	414	5.18e-007	-2.94e-012	1.97e-013	4.80e-011	-8.60e-011	-8.73e-011
	416	-5.18e-007	2.94e-012	-1.97e-013	-4.80e-011	7.69e-011	-4.94e-011
129	412	5.83e-007	-3.42e-012	-1.88e-013	5.59e-011	-9.53e-011	-9.77e-012
	414	-5.83e-007	3.42e-012	1.88e-013	-5.59e-011	1.04e-010	-1.49e-010
130	410	6.41e-007	4.99e-012	5.90e-014	2.46e-011	-1.11e-010	1.39e-010
	412	-6.41e-007	-4.99e-012	-5.90e-014	-2.46e-011	1.08e-010	9.36e-011
131	408	7.32e-007	-7.12e-012	-5.52e-013	2.76e-012	-9.24e-011	4.16e-011
	410	-7.32e-007	7.12e-012	5.52e-013	-2.76e-012	1.18e-010	-3.73e-010
132	406	8.16e-007	-7.21e-012	2.83e-013	-3.05e-011	-1.01e-010	1.36e-010
	408	-8.16e-007	7.21e-012	-2.83e-013	3.05e-011	8.83e-011	-4.72e-010
133	293	1.03e-006	1.12e-010	5.84e-012	-1.21e-011	-3.41e-010	3.92e-009
	406	-1.03e-006	-1.12e-010	-5.84e-012	1.21e-011	6.87e-011	1.30e-009
134	164	4.06e-008	1.06e-011	-8.35e-013	9.66e-011	2.05e-011	5.90e-011
	147	-4.06e-008	-1.06e-011	8.35e-013	-9.66e-011	1.04e-011	3.34e-010
135	163	7.83e-008	4.32e-012	-6.32e-013	7.21e-011	6.72e-011	6.88e-011
	164	-7.83e-008	-4.32e-012	6.32e-013	-7.21e-011	-4.38e-011	9.11e-011
136	366	1.24e-007	5.39e-012	3.88e-015	7.15e-011	6.64e-011	6.32e-011
	163	-1.24e-007	-5.39e-012	-3.88e-015	-7.15e-011	-6.66e-011	1.36e-010
137	404	1.72e-007	7.05e-012	3.36e-013	9.14e-011	5.37e-011	1.62e-010
	366	-1.72e-007	-7.05e-012	-3.36e-013	-9.14e-011	-6.93e-011	1.66e-010
138	403	2.37e-007	7.77e-012	-4.14e-013	5.69e-011	8.33e-011	1.08e-010
	404	-2.37e-007	-7.77e-012	4.14e-013	-5.69e-011	-6.41e-011	2.53e-010
139	402	2.89e-007	4.52e-012	3.17e-013	6.48e-011	5.92e-011	7.26e-011
	403	-2.89e-007	-4.52e-012	-3.17e-013	-6.48e-011	-7.40e-011	1.38e-010
140	401	3.43e-007	4.41e-012	3.73e-013	7.85e-011	3.25e-011	7.36e-011
	402	-3.43e-007	-4.41e-012	-3.73e-013	-7.85e-011	-4.98e-011	1.32e-010
141	400	3.94e-007	6.87e-012	6.91e-013	1.05e-010	3.00e-012	1.78e-010
	401	-3.94e-007	-6.87e-012	-6.91e-013	-1.05e-010	-3.52e-011	1.42e-010
142	399	4.58e-007	9.76e-012	-3.00e-013	5.44e-011	2.53e-011	1.60e-010
	400	-4.58e-007	-9.76e-012	3.00e-013	-5.44e-011	-1.13e-011	2.94e-010
143	398	5.00e-007	3.41e-012	6.80e-013	5.86e-011	-2.37e-011	9.57e-011
	399	-5.00e-007	-3.41e-012	-6.80e-013	-5.86e-011	-7.90e-012	6.28e-011
144	397	5.44e-007	3.52e-012	7.24e-013	6.77e-011	-7.53e-011	1.25e-010
	398	-5.44e-007	-3.52e-012	-7.24e-013	-6.77e-011	4.16e-011	3.87e-011
145	396	5.85e-007	1.41e-011	5.49e-013	9.10e-011	-1.08e-010	4.66e-010
	397	-5.85e-007	-1.41e-011	-5.49e-013	-9.10e-011	8.23e-011	1.88e-010
146	395	6.58e-007	5.73e-012	-2.99e-013	7.03e-011	-8.37e-011	1.73e-010
	396	-6.58e-007	-5.73e-012	2.99e-013	-7.03e-011	9.76e-011	9.39e-011
147	394	7.24e-007	7.39e-012	3.04e-013	7.87e-011	-1.04e-010	2.11e-010
	395	-7.24e-007	-7.39e-012	-3.04e-013	-7.87e-011	8.96e-011	1.33e-010
148	393	7.89e-007	8.36e-012	1.51e-012	8.48e-011	-1.75e-010	2.27e-010
	394	-7.89e-007	-8.36e-012	-1.51e-012	-8.48e-011	1.04e-010	1.62e-010
149	292	9.61e-007	-8.36e-011	6.56e-012	5.37e-011	-4.48e-010	-2.68e-009

	393	-9.61e-007	8.36e-011	-6.56e-012	-5.37e-011	1.43e-010	-1.21e-009
150	221	1.44e-006	-3.06e-010	-1.12e-011	1.32e-010	-3.21e-010	-1.66e-009
	205	-1.44e-006	3.06e-010	1.12e-011	-1.32e-010	6.45e-010	-7.20e-009
151	219	1.24e-006	2.11e-012	-2.40e-012	1.43e-010	-2.37e-010	5.27e-010
	221	-1.24e-006	-2.11e-012	2.40e-012	-1.43e-010	3.43e-010	-4.34e-010
152	217	1.29e-006	-4.35e-012	-4.02e-013	5.99e-011	-2.48e-010	5.86e-010
	219	-1.29e-006	4.35e-012	4.02e-013	-5.99e-011	2.66e-010	-7.78e-010
153	180	1.34e-006	-9.02e-012	2.66e-012	-2.88e-011	-3.28e-010	4.68e-010
	217	-1.34e-006	9.02e-012	-2.66e-012	2.88e-011	2.11e-010	-8.65e-010
154	57	1.61e-006	1.42e-010	1.16e-011	1.69e-011	-7.71e-010	5.82e-009
	180	-1.61e-006	-1.42e-010	-1.16e-011	-1.69e-011	2.02e-010	1.13e-009
155	215	1.63e-006	3.31e-010	-2.10e-011	-4.53e-011	-3.71e-010	2.18e-009
	204	-1.63e-006	-3.31e-010	2.10e-011	4.53e-011	9.81e-010	7.41e-009
156	214	1.42e-006	-3.43e-013	-7.23e-012	-1.71e-011	-5.18e-011	-2.36e-010
	215	-1.42e-006	3.43e-013	7.23e-012	1.71e-011	3.70e-010	2.21e-010
157	213	1.48e-006	5.10e-012	-2.09e-012	2.31e-011	1.67e-010	-3.95e-010
	214	-1.48e-006	-5.10e-012	2.09e-012	-2.31e-011	-7.45e-011	6.20e-010
158	179	1.53e-006	9.96e-012	7.88e-012	-1.08e-010	-1.22e-010	-2.48e-010
	213	-1.53e-006	-9.96e-012	-7.88e-012	1.08e-010	-2.25e-010	6.86e-010
159	56	1.81e-006	-1.50e-010	2.04e-011	-2.92e-010	-1.22e-009	-5.83e-009
	179	-1.81e-006	1.50e-010	-2.04e-011	2.92e-010	2.22e-010	-1.51e-009
160	42	-5.71e-008	1.08e-012	4.43e-011	1.68e-010	-1.35e-010	-1.17e-011
	132	5.71e-008	-1.08e-012	-4.43e-011	-1.68e-010	-1.50e-009	5.16e-011
161	41	2.38e-008	1.09e-012	-4.40e-012	1.17e-010	9.24e-011	4.64e-011
	42	-2.38e-008	-1.09e-012	4.40e-012	-1.17e-010	7.06e-011	-6.00e-012
162	357	6.80e-008	9.80e-013	-6.88e-012	9.10e-011	2.63e-010	8.36e-011
	41	-6.80e-008	-9.80e-013	6.88e-012	-9.10e-011	-8.56e-012	-4.73e-011
163	616	1.31e-007	-2.42e-013	7.49e-012	8.16e-011	-2.20e-010	9.79e-011
	357	-1.31e-007	2.42e-013	-7.49e-012	-8.16e-011	-1.28e-010	-1.09e-010
164	615	1.55e-007	3.90e-013	6.25e-012	1.66e-010	5.49e-011	1.02e-010
	616	-1.55e-007	-3.90e-013	-6.25e-012	-1.66e-010	-3.46e-010	-8.43e-011
165	614	2.26e-007	-5.33e-013	-4.67e-012	1.33e-010	1.35e-010	4.54e-011
	615	-2.26e-007	5.33e-013	4.67e-012	-1.33e-010	8.18e-011	-7.02e-011
166	613	2.86e-007	-2.92e-013	-4.79e-012	9.39e-011	1.39e-010	1.77e-011
	614	-2.86e-007	2.92e-013	4.79e-012	-9.39e-011	8.37e-011	-3.13e-011
167	612	3.52e-007	-5.48e-013	1.11e-011	4.94e-011	-4.03e-010	-8.50e-012
	613	-3.52e-007	5.48e-013	-1.11e-011	-4.94e-011	-1.15e-010	-1.70e-011
168	611	3.57e-007	9.96e-013	9.53e-012	8.19e-011	-4.08e-011	3.38e-011
	612	-3.57e-007	-9.96e-013	-9.53e-012	-8.19e-011	-4.03e-010	1.25e-011
169	610	4.20e-007	3.44e-013	-2.64e-012	3.94e-011	7.06e-011	3.86e-011
	611	-4.20e-007	-3.44e-013	2.64e-012	-3.94e-011	5.21e-011	-2.26e-011
170	609	4.76e-007	2.85e-013	-2.00e-012	9.08e-012	4.03e-011	4.50e-011
	610	-4.76e-007	-2.85e-013	2.00e-012	-9.08e-012	5.27e-011	-3.17e-011
171	608	5.46e-007	2.56e-013	1.45e-011	-1.81e-011	-5.64e-010	4.98e-011
	609	-5.46e-007	-2.56e-013	-1.45e-011	1.81e-011	-1.09e-010	-3.79e-011
172	607	5.52e-007	6.18e-013	1.36e-011	-2.05e-011	-2.40e-010	7.33e-011
	608	-5.52e-007	-6.18e-013	-1.36e-011	2.05e-011	-3.91e-010	-4.45e-011
173	606	6.16e-007	3.75e-013	-1.19e-012	-3.60e-011	-1.05e-010	8.14e-011
	607	-6.16e-007	-3.75e-013	1.19e-012	3.60e-011	1.60e-010	-6.39e-011
174	605	6.69e-007	4.53e-013	-1.26e-012	-4.76e-011	-1.15e-010	9.36e-011
	606	-6.69e-007	-4.53e-013	1.26e-012	4.76e-011	1.74e-010	-7.26e-011
175	283	7.31e-007	1.06e-012	9.92e-012	-5.15e-011	-5.63e-010	1.34e-010
	605	-7.31e-007	-1.06e-012	-9.92e-012	5.15e-011	1.02e-010	-8.42e-011

176	350	7.37e-007	-2.97e-013	1.88e-011	-1.18e-010	-4.37e-010	1.22e-010
	283	-7.37e-007	2.97e-013	-1.88e-011	1.18e-010	-3.67e-010	-1.35e-010
177	349	8.02e-007	3.61e-013	-4.00e-012	-1.23e-010	-1.68e-010	1.37e-010
	350	-8.02e-007	-3.61e-013	4.00e-012	1.23e-010	3.38e-010	-1.22e-010
178	195	8.66e-007	4.25e-013	-1.60e-012	-1.38e-010	-2.88e-010	1.59e-010
	349	-8.66e-007	-4.25e-013	1.60e-012	1.38e-010	3.80e-010	-1.34e-010
179	274	9.04e-007	3.13e-013	-6.64e-011	-1.52e-010	7.59e-010	1.71e-010
	195	-9.04e-007	-3.13e-013	6.64e-011	1.52e-010	1.17e-009	-1.62e-010
180	273	9.84e-007	-9.58e-013	1.59e-011	-1.26e-010	-7.03e-010	1.25e-010
	274	-9.84e-007	9.58e-013	-1.59e-011	1.26e-010	4.68e-012	-1.67e-010
181	272	1.16e-006	-1.22e-012	-2.38e-011	-1.13e-010	-1.53e-010	4.36e-011
	273	-1.16e-006	1.22e-012	2.38e-011	1.13e-010	1.20e-009	-9.74e-011
182	170	1.55e-006	-1.85e-012	1.89e-010	-1.82e-010	-7.02e-009	-6.93e-012
	272	-1.55e-006	1.85e-012	-1.89e-010	1.82e-010	-1.31e-009	-7.44e-011
183	52	9.82e-008	-7.84e-013	4.68e-011	7.33e-011	-2.20e-010	-5.25e-012
	139	-9.82e-008	7.84e-013	-4.68e-011	-7.33e-011	-1.51e-009	-2.38e-011
184	50	1.00e-007	-4.88e-013	5.39e-012	7.78e-011	-1.13e-010	-4.19e-011
	52	-1.00e-007	4.88e-013	-5.39e-012	-7.78e-011	-8.63e-011	2.38e-011
185	362	1.41e-007	4.37e-014	5.87e-012	6.82e-011	-1.76e-011	-3.83e-011
	50	-1.41e-007	-4.37e-014	-5.87e-012	-6.82e-011	-2.00e-010	3.99e-011
186	127	1.78e-007	6.49e-013	1.54e-011	4.59e-011	-4.28e-010	-1.34e-011
	362	-1.78e-007	-6.49e-013	-1.54e-011	-4.59e-011	-2.89e-010	4.36e-011
187	124	2.67e-007	-7.15e-013	1.78e-011	1.01e-010	-2.08e-010	-5.20e-011
	127	-2.67e-007	7.15e-013	-1.78e-011	-1.01e-010	-6.18e-010	1.87e-011
188	120	3.03e-007	1.67e-013	4.35e-012	8.45e-011	-5.56e-011	-3.77e-011
	124	-3.03e-007	-1.67e-013	-4.35e-012	-8.45e-011	-1.47e-010	4.54e-011
189	116	3.49e-007	2.45e-013	4.24e-012	7.01e-011	-4.79e-011	-2.45e-011
	120	-3.49e-007	-2.45e-013	-4.24e-012	-7.01e-011	-1.49e-010	3.59e-011
190	112	3.84e-007	6.79e-013	1.74e-011	4.99e-011	-5.26e-010	-1.74e-013
	116	-3.84e-007	-6.79e-013	-1.74e-011	-4.99e-011	-2.82e-010	3.18e-011
191	107	4.73e-007	-3.27e-013	1.95e-011	1.00e-010	-2.78e-010	-2.02e-011
	112	-4.73e-007	3.27e-013	-1.95e-011	-1.00e-010	-6.32e-010	5.00e-012
192	103	5.00e-007	6.28e-013	3.74e-012	9.14e-011	-1.15e-010	2.12e-011
	107	-5.00e-007	-6.28e-013	-3.74e-012	-9.14e-011	-5.91e-011	8.03e-012
193	99	5.37e-007	6.70e-013	3.64e-012	8.36e-011	-1.30e-010	6.25e-011
	103	-5.37e-007	-6.70e-013	-3.64e-012	-8.36e-011	-3.92e-011	-3.13e-011
194	62	5.64e-007	2.63e-013	1.81e-011	6.65e-011	-6.72e-010	8.19e-011
	99	-5.64e-007	-2.63e-013	-1.81e-011	-6.65e-011	-1.72e-010	-6.96e-011
195	622	6.53e-007	-5.18e-013	1.88e-011	5.44e-011	-3.68e-010	4.93e-011
	62	-6.53e-007	5.18e-013	-1.88e-011	-5.44e-011	-5.09e-010	-7.34e-011
196	620	6.83e-007	-6.37e-013	2.57e-012	3.08e-011	-1.79e-010	9.03e-012
	622	-6.83e-007	6.37e-013	-2.57e-012	-3.08e-011	5.97e-011	-3.87e-011
197	618	7.24e-007	4.41e-013	3.34e-012	2.92e-011	-1.89e-010	-2.57e-012
	620	-7.24e-007	-4.41e-013	-3.34e-012	-2.92e-011	3.37e-011	2.31e-011
198	288	7.44e-007	3.62e-012	2.28e-011	1.14e-010	-8.81e-010	1.67e-010
	618	-7.44e-007	-3.62e-012	-2.28e-011	-1.14e-010	-1.78e-010	1.44e-012
199	354	8.07e-007	7.15e-012	2.16e-011	1.16e-010	-6.04e-010	5.89e-010
	288	-8.07e-007	-7.15e-012	-2.16e-011	-1.16e-010	-3.18e-010	-2.84e-010
200	352	8.10e-007	1.83e-012	8.27e-012	5.50e-011	-6.46e-010	7.72e-010
	354	-8.10e-007	-1.83e-012	-8.27e-012	-5.50e-011	2.93e-010	-6.94e-010
201	200	8.52e-007	-6.81e-012	1.79e-012	-1.59e-010	-4.95e-010	4.23e-010
	352	-8.52e-007	6.81e-012	-1.79e-012	1.59e-010	3.92e-010	-8.15e-010
202	280	8.74e-007	-1.21e-011	1.06e-010	-2.25e-010	-2.41e-009	-1.52e-010

	200	-8.74e-007	1.21e-011	-1.06e-010	2.25e-010	-6.69e-010	-1.98e-010
203	278	1.03e-006	-5.56e-012	2.62e-012	-1.59e-010	-1.91e-010	-4.82e-010
	280	-1.03e-006	5.56e-012	-2.62e-012	1.59e-010	7.60e-011	2.38e-010
204	276	1.18e-006	-8.49e-013	2.37e-011	-1.62e-010	-5.43e-010	-5.50e-010
	278	-1.18e-006	8.49e-013	-2.37e-011	1.62e-010	-5.01e-010	5.13e-010
205	175	1.53e-006	1.49e-011	-1.43e-010	-8.62e-011	5.04e-009	-4.94e-012
	276	-1.53e-006	-1.49e-011	1.43e-010	8.62e-011	1.27e-009	6.62e-010
220	14	576.30	-60.73	33.01	0.00	-330.06	-607.30
	192	-576.30	60.73	-33.01	0.00	0.00	0.00
221	11	905.25	61.36	41.27	0.00	-412.67	613.55
	191	-905.25	-61.36	-41.27	0.00	0.00	0.00
222	4	978.28	-111.70	-33.63	0.00	336.31	-1117.02
	695	-978.28	111.70	33.63	0.00	0.00	0.00
223	1	1291.53	111.08	-40.64	0.00	406.42	1110.77
	694	-1291.53	-111.08	40.64	0.00	0.00	0.00
228	20	-0.12	3.06e-002	-1.63e-002	-0.71	1.49	1.08
	138	0.12	-3.06e-002	1.63e-002	0.71	-0.72	0.36
229	137	6.81e-002	-3.99e-002	2.49e-002	-0.14	0.32	-0.77
	20	-6.81e-002	3.99e-002	-2.49e-002	0.14	-1.49	-1.11
230	10	0.31	-3.46e-002	2.12e-002	-0.20	-1.19	-0.89
	135	-0.31	3.46e-002	-2.12e-002	0.20	0.19	-0.74
231	134	0.32	3.31e-002	3.91e-002	-0.56	-3.68	0.43
	10	-0.32	-3.31e-002	-3.91e-002	0.56	1.84	1.13
232	131	1.13	0.34	6.37e-002	-0.38	1.05	3.59
	40	-1.13	-0.34	-6.37e-002	0.38	-2.45	3.89
233	53	-1.11	0.30	5.59e-002	-0.73	-0.27	4.50
	142	1.11	-0.30	-5.59e-002	0.73	-0.96	2.15
234	33	-0.13	0.12	-9.04e-003	-0.83	0.55	2.10
	131	0.13	-0.12	9.04e-003	0.83	-0.28	1.49
235	25	1.37e-002	0.10	-1.32e-003	5.55e-002	-0.21	1.49
	138	-1.37e-002	-0.10	1.32e-003	-5.55e-002	0.25	1.43
236	5	0.33	-9.07e-002	9.06e-003	-1.51	-4.72	-1.38
	134	-0.33	9.07e-002	-9.06e-003	1.51	4.45	-1.34
237	160	-1.76e-003	9.06e-003	-5.01e-002	-1.82	0.63	0.24
	142	1.76e-003	-9.06e-003	5.01e-002	1.82	0.87	2.73e-002
370	147	0.23	0.54	-0.26	-6.56	-0.42	24.20
	150	-0.23	-0.54	0.26	6.56	23.38	24.34
372	139	0.40	2.41	-0.35	5.26	7.35	104.13
	132	-0.40	-2.41	0.35	-5.26	22.69	102.76

Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
1	53	-4.73e-003	6.43e-003	-4.57e-003	-1.22e-002	-7.87e-002	8.77e-002
	51	-4.73e-003	-1.50e-002	-1.73e-003	-8.29e-002	-0.18	0.14
	708	-8.58e-003	6.43e-003	2.67e-003	2.16e-002	-0.20	1.64e-002
2	708	-1.78e-002	1.54e-002	1.56e-003	0.14	0.13	0.11
	52	-1.78e-002	-6.41e-002	1.24e-002	9.44e-002	-0.32	0.15
	139	-2.41e-002	7.88e-003	1.43e-002	0.14	-0.42	-1.44e-002
3	132	1.71e-002	-1.44e-002	2.06e-003	-0.22	0.94	0.37
	42	1.71e-002	5.30e-002	2.48e-002	-4.17e-002	0.56	0.52
	709	2.34e-003	-1.44e-002	-8.87e-003	-0.17	-0.16	0.25
4	3	-3.47e-003	1.54e-002	1.35e-003	-7.86e-002	0.85	0.36
	705	-3.47e-003	-4.82e-003	-1.84e-003	-4.39e-002	0.47	0.37
	150	-1.73e-003	-3.18e-003	1.18e-003	-4.55e-002	1.03	0.26
5	164	-1.22e-002	-1.23e-002	4.88e-003	0.10	6.17e-002	0.23
	147	-1.22e-002	2.82e-003	2.98e-004	-4.55e-002	9.09e-002	0.26

	704	-9.44e-003	2.82e-003	-1.94e-003	-3.43e-002	-0.12	0.27
6	27	-8.88e-003	7.23e-004	8.96e-004	-7.98e-002	9.92e-003	2.47e-002
	146	-8.88e-003	-1.15e-004	-2.87e-004	-8.46e-002	-9.68e-003	2.15e-002
	697	-8.49e-003	-1.15e-004	-2.19e-004	-8.51e-002	3.80e-002	1.84e-002
7	32	-8.68e-003	8.45e-004	1.07e-003	0.23	0.11	0.14
	143	-8.68e-003	-1.19e-004	-1.76e-004	3.42e-002	-1.78e-002	0.12
	696	-8.27e-003	-1.19e-004	-9.79e-005	3.23e-002	0.12	0.10
8	46	-0.13	3.02e-002	-1.22e-002	-0.74	4.24	-1.60
	133	-0.13	-7.20e-002	-1.52e-002	0.62	-0.83	-0.71
	45	-0.13	2.51e-002	3.64e-003	-0.39	-5.27	-3.14
9	677	-0.10	-2.66e-002	4.82e-002	8.48	3.25	-5.21
	71	-0.10	3.11e-002	6.30e-002	1.48	1.30	-4.63
	680	-0.12	-6.46e-003	3.52e-002	6.40	4.14	-6.23
10	72	-0.17	-3.54e-002	8.15e-002	15.92	0.27	-2.39
	82	-0.17	4.99e-002	0.11	7.90	-5.72	0.51
	79	-0.22	-1.79e-002	5.48e-002	16.51	1.68	-6.39
66	709	-7.39e-003	-4.09e-003	1.39e-003	-0.53	4.33e-002	-3.06e-002
	40	-7.39e-003	-7.51e-003	-6.69e-003	-0.19	-4.26e-005	-0.13
	37	1.65e-002	-7.51e-003	-4.16e-003	-0.33	7.71e-002	-0.19
67	42	1.88e-003	9.11e-003	-4.20e-003	5.34e-002	-0.13	-0.28
	37	1.88e-003	-1.38e-002	-5.45e-003	0.17	-0.13	-0.28
	709	4.37e-003	1.67e-003	6.85e-003	8.96e-002	-0.18	-0.29
68	51	-2.48e-003	-1.08e-003	-5.21e-003	-4.54e-002	-6.64e-002	-0.20
	52	-2.48e-003	-2.23e-002	-4.46e-003	-2.19e-002	-2.20e-002	-0.16
	708	-3.98e-003	-1.54e-002	5.89e-003	1.55e-002	6.48e-002	-0.13
69	5	-2.16e-003	-6.48e-003	2.13e-003	0.32	0.20	-0.27
	705	-2.16e-003	-5.93e-003	-1.74e-004	0.36	0.27	-0.35
	2	4.96e-003	-6.48e-003	1.70e-003	0.21	3.82e-002	-0.17
70	704	-5.33e-003	-9.54e-004	3.56e-003	0.28	-0.32	0.11
	155	-5.33e-003	-3.49e-003	1.19e-003	7.34e-002	-0.38	0.11
	160	-3.17e-003	-1.70e-003	3.44e-003	0.22	-0.32	8.22e-002
71	164	-9.51e-003	-1.96e-003	3.38e-003	0.24	-0.13	0.17
	704	-9.51e-003	-5.17e-004	1.04e-003	0.11	-0.21	0.21
	155	-5.45e-003	-1.59e-003	2.14e-003	0.24	-0.10	0.11
72	2	-4.65e-003	-3.91e-003	4.84e-003	0.23	-1.77e-002	0.25
	705	-4.65e-003	9.87e-004	2.11e-003	0.62	-0.19	0.21
	3	-1.01e-003	-1.80e-003	2.03e-003	0.37	-0.26	0.12
73	697	-5.19e-003	-2.09e-004	3.33e-003	0.11	-7.55e-002	-1.51e-002
	24	-5.19e-003	-3.67e-003	1.72e-003	5.02e-002	3.13e-002	-2.77e-002
	25	-3.73e-003	-1.23e-003	3.64e-003	8.68e-002	1.79e-002	2.99e-002
74	27	-7.69e-004	-8.77e-003	6.82e-004	1.15e-002	7.03e-002	-1.81e-002
	24	-7.69e-004	-6.63e-003	3.29e-004	6.42e-002	5.27e-002	4.14e-003
	697	1.03e-004	-8.34e-003	-7.10e-004	4.94e-002	8.67e-002	-3.54e-002
75	31	-6.81e-004	-6.42e-003	-8.75e-004	4.02e-002	0.23	-0.10
	32	-6.81e-004	-8.62e-003	-1.03e-003	-4.22e-002	0.24	-0.14
	696	-3.08e-004	-8.18e-003	3.60e-004	-7.87e-002	2.95e-002	-0.12
76	31	-5.52e-003	-3.88e-003	-1.69e-003	6.72e-002	0.34	0.12
	696	-5.52e-003	7.25e-004	-3.17e-003	-0.12	0.11	0.10
	33	-4.17e-003	-6.38e-004	-3.78e-003	-7.02e-002	0.26	3.31e-003
238	686	7.00e-003	-2.12e-004	5.12e-005	-22.31	19.88	-15.96
	685	7.00e-003	-2.17e-004	5.67e-003	-0.45	34.32	-19.25
	664	1.32e-002	-2.17e-004	7.60e-003	2.81	-1.71	-13.28
	675	1.32e-002	-2.12e-004	1.97e-003	-29.90	-5.36	-9.99
239	641	6.49e-003	1.57e-003	-2.70e-005	-0.28	34.42	-13.87
	638	6.49e-003	-6.73e-004	-2.41e-004	24.90	27.79	-30.37
	685	7.00e-003	-6.73e-004	-8.29e-004	3.11	31.99	-30.84
	686	7.00e-003	1.57e-003	-6.15e-004	-15.12	26.21	-14.35
240	684	1.02e-002	-6.53e-004	-3.34e-003	-23.30	19.87	-0.83

	686	1.02e-002	-2.12e-004	-6.89e-004	-21.82	17.88	-5.58
	675	2.31e-002	-2.12e-004	3.81e-004	-26.57	-6.17	-6.58
	673	2.31e-002	-6.53e-004	-2.27e-003	-24.81	-5.12	-1.83
241	640	5.62e-003	1.07e-003	4.28e-004	5.52	36.78	10.25
	641	5.62e-003	1.57e-003	1.98e-005	-0.18	35.36	-7.13
	686	1.02e-002	1.57e-003	-1.36e-003	-17.40	24.82	-10.06
	684	1.02e-002	1.07e-003	-9.47e-004	-15.84	28.70	7.31
242	644	2.87e-003	-1.19e-003	-9.81e-003	5.22	51.42	16.49
	684	2.87e-003	-6.53e-004	-3.46e-003	-22.86	27.54	11.89
	673	8.22e-003	-6.53e-004	-3.86e-003	-35.32	-5.82	1.79
	661	8.22e-003	-1.19e-003	-1.02e-002	11.61	0.92	6.38
243	637	6.03e-003	-2.65e-003	7.84e-004	43.74	34.10	39.83
	640	6.03e-003	1.07e-003	3.46e-004	2.26	40.11	17.54
	684	2.87e-003	1.07e-003	-1.08e-003	-15.87	32.25	12.76
	644	2.87e-003	-2.65e-003	-6.39e-004	12.38	46.88	35.05
244	682	5.25e-003	1.38e-003	-3.19e-004	21.71	15.57	1.44
	689	5.25e-003	3.00e-003	-4.09e-004	35.47	1.95	-6.71
	638	6.49e-003	3.00e-003	2.58e-005	22.25	6.10	-23.13
	641	6.49e-003	1.38e-003	1.16e-004	13.91	17.95	-14.99
245	635	5.44e-003	5.08e-004	-2.27e-003	10.39	32.55	19.63
	632	5.44e-003	2.10e-003	-1.34e-003	25.08	16.83	28.19
	689	5.25e-003	2.10e-003	1.81e-004	34.72	2.73	8.96
	682	5.25e-003	5.08e-004	-7.54e-004	22.84	16.82	0.40
246	643	5.50e-003	5.31e-004	2.21e-004	25.82	16.17	5.87
	682	5.50e-003	1.38e-003	-2.10e-004	20.64	18.94	-4.67
	641	5.62e-003	1.38e-003	1.63e-004	8.51	19.44	-3.06
	640	5.62e-003	5.31e-004	5.94e-004	10.76	19.71	7.48
247	634	3.57e-003	-3.77e-004	5.74e-005	4.70	33.64	-9.56
	635	3.57e-003	5.08e-004	-1.05e-003	2.38	33.53	5.10
	682	5.50e-003	5.08e-004	-6.45e-004	19.88	21.53	6.80
	643	5.50e-003	-3.77e-004	4.60e-004	25.00	18.77	-7.86
248	691	5.75e-003	1.44e-003	3.45e-004	54.11	-7.52	8.71
	643	5.75e-003	5.31e-004	3.43e-004	30.67	11.50	-0.82
	640	6.03e-003	5.31e-004	5.12e-004	22.86	17.56	21.24
	637	6.03e-003	1.44e-003	5.15e-004	37.32	2.37	30.78
249	631	5.10e-003	4.58e-004	7.05e-004	40.10	12.81	-35.81
	634	5.10e-003	-3.77e-004	1.41e-003	19.33	31.93	-25.85
	643	5.75e-003	-3.77e-004	5.82e-004	31.85	12.75	-0.89
	691	5.75e-003	4.58e-004	-1.26e-004	53.30	-6.81	-10.86
250	693	1.32e-003	4.84e-004	1.50e-003	-26.56	47.16	14.68
	687	1.32e-003	-3.92e-003	3.49e-003	3.02	59.45	35.47
	632	5.44e-003	-3.92e-003	3.89e-004	30.64	49.27	37.91
	635	5.44e-003	4.84e-004	-1.60e-003	-8.03	57.15	17.13
251	671	5.32e-003	-5.85e-004	2.95e-005	-40.09	-1.52	6.66
	652	5.32e-003	-2.38e-003	-6.39e-003	2.37	3.38	7.58
	687	1.32e-003	-2.38e-003	-4.81e-003	-2.49	62.41	17.36
	693	1.32e-003	-5.85e-004	1.61e-003	-34.01	37.68	16.43
252	692	5.14e-003	-8.13e-005	9.91e-004	-26.22	48.31	-8.94
	693	5.14e-003	4.84e-004	9.66e-004	-27.86	44.68	11.04
	635	3.57e-003	4.84e-004	-3.78e-004	-7.70	56.69	8.34
	634	3.57e-003	-8.13e-005	-3.53e-004	-2.01	57.94	-11.65
253	669	1.60e-002	-1.07e-003	1.76e-003	-33.54	-1.38	2.94
	671	1.60e-002	-5.85e-004	1.13e-004	-35.58	-2.41	4.55
	693	5.14e-003	-5.85e-004	1.07e-003	-32.91	33.23	3.61
	692	5.14e-003	-1.07e-003	2.72e-003	-34.08	35.07	2.00
254	683	-2.94e-003	-5.99e-003	-2.29e-003	12.44	73.53	-40.00
	692	-2.94e-003	-8.13e-005	-2.35e-004	-26.93	52.84	-13.65
	634	5.10e-003	-8.13e-005	1.00e-003	-5.32	62.43	-20.98
	631	5.10e-003	-5.99e-003	-1.05e-003	49.35	54.95	-47.33
255	649	-4.56e-004	-3.48e-003	8.86e-003	11.43	5.93	-1.49

	669	-4.56e-004	-1.07e-003	1.85e-003	-44.95	-1.96	0.68
	692	-2.94e-003	-1.07e-003	1.49e-003	-34.22	44.93	-13.05
	683	-2.94e-003	-3.48e-003	8.50e-003	3.55	78.63	-15.21
256	690	5.90e-003	6.16e-003	1.06e-003	63.75	-38.08	6.44
	691	5.90e-003	1.44e-003	8.08e-004	58.59	-20.35	9.89
	637	2.25e-004	1.44e-003	1.44e-003	64.14	1.11	32.22
	639	2.25e-004	6.16e-003	1.70e-003	68.07	-12.31	28.77
257	633	-2.34e-003	4.65e-003	2.85e-003	86.02	-6.99	-24.24
	631	-2.34e-003	4.58e-004	4.98e-005	75.95	12.34	-36.15
	691	5.90e-003	4.58e-004	3.37e-004	63.03	-22.72	-9.56
	690	5.90e-003	4.65e-003	3.14e-003	64.78	-40.51	2.36
258	91	1.92e-003	2.73e-002	-8.50e-004	0.70	-46.26	9.13
	690	1.92e-003	6.16e-003	1.25e-003	50.80	-45.68	15.15
	639	1.79e-003	6.16e-003	-6.24e-003	65.23	-16.70	15.50
	95	1.79e-003	2.73e-002	-8.34e-003	3.53	-16.61	9.48
259	87	2.55e-003	2.86e-002	1.15e-002	5.28	-15.80	6.31
	633	2.55e-003	4.65e-003	1.27e-002	83.22	-14.19	-5.33
	690	1.92e-003	4.65e-003	3.33e-003	54.87	-48.27	-2.79
	91	1.92e-003	2.86e-002	2.08e-003	0.26	-50.20	8.85
260	688	1.78e-003	6.86e-003	-1.38e-003	32.29	-28.44	-13.52
	626	1.78e-003	2.28e-002	1.25e-004	-1.05	-31.04	-10.23
	680	2.79e-003	2.28e-002	6.30e-003	0.38	-10.36	-12.86
	642	2.79e-003	6.86e-003	4.80e-003	40.29	-9.28	-16.15
261	636	4.13e-003	5.07e-003	-1.18e-002	58.21	-6.10	5.81
	72	4.13e-003	2.35e-002	-9.86e-003	2.69	-8.40	-3.24
	626	1.78e-003	2.35e-002	-1.65e-003	-1.78	-36.14	-8.40
	688	1.78e-003	5.07e-003	-3.55e-003	36.74	-31.26	0.65
262	689	5.01e-003	3.00e-003	-9.48e-004	37.37	-7.63	-7.43
	688	5.01e-003	6.86e-003	-1.18e-003	41.94	-22.01	-6.81
	642	9.50e-004	6.86e-003	-1.33e-003	41.75	-5.93	-24.60
	638	9.50e-004	3.00e-003	-1.10e-003	39.35	4.52	-25.22
263	632	-2.04e-003	2.10e-003	-2.27e-004	51.42	16.17	29.11
	636	-2.04e-003	5.07e-003	-3.22e-003	60.16	5.85e-002	19.81
	688	5.01e-003	5.07e-003	-3.35e-003	43.05	-24.56	-2.18
	689	5.01e-003	2.10e-003	-3.58e-004	41.87	-9.99	7.12
264	4	-5.04e-002	4.49e-003	-9.57e-003	166.92	131.54	20.69
	79	-5.04e-002	-3.77e-003	5.98e-003	-42.62	85.02	3.92
	72	4.13e-003	-3.77e-003	-7.49e-003	15.14	14.50	4.03
	636	4.13e-003	4.49e-003	-2.30e-002	67.79	-32.21	20.80
265	651	-3.82e-002	-2.15e-002	2.74e-002	134.37	-15.95	35.97
	655	-3.82e-002	-6.52e-003	2.64e-003	5.77	9.72	30.37
	79	-5.04e-002	-6.52e-003	3.73e-003	-42.10	94.08	17.22
	4	-5.04e-002	-2.15e-002	2.85e-002	174.03	155.60	22.82
266	687	2.02e-002	-3.92e-003	-3.36e-003	-1.47	79.92	40.15
	4	2.02e-002	4.49e-003	-1.94e-002	145.42	128.40	33.44
	636	-2.04e-003	4.49e-003	-1.45e-002	77.05	-22.20	25.99
	632	-2.04e-003	-3.92e-003	1.50e-003	50.35	38.36	32.70
267	652	-3.52e-002	-2.38e-003	-2.53e-003	23.41	14.39	9.31
	651	-3.52e-002	-2.15e-002	2.78e-002	128.40	-13.62	5.36
	4	2.02e-002	-2.15e-002	1.87e-002	154.98	151.05	24.09
	687	2.02e-002	-2.38e-003	-1.17e-002	-8.96	71.93	28.04
268	14	-2.67e-002	-1.58e-002	-1.47e-002	105.48	92.16	-23.90
	677	-2.67e-002	-4.72e-003	-2.61e-003	-23.40	59.17	-17.90
	667	-2.19e-002	-4.72e-003	5.69e-004	7.60	7.77	-23.50
	663	-2.19e-002	-1.58e-002	-1.16e-002	83.29	-9.94	-29.50
269	642	2.79e-003	8.33e-003	1.26e-002	43.97	-22.22	-26.15
	680	2.79e-003	-2.31e-003	5.97e-003	8.63	3.50	-16.49
	677	-2.67e-002	-2.31e-003	-2.61e-003	-22.72	55.02	-13.20
	14	-2.67e-002	8.33e-003	3.97e-003	99.17	75.39	-22.86
270	685	1.36e-002	-2.17e-004	1.20e-002	-3.83	39.98	-27.32

	14	1.36e-002	-1.58e-002	-5.39e-003	95.14	89.18	-25.19
	663	-1.64e-002	-1.58e-002	-1.15e-002	83.12	-10.35	-12.99
	664	-1.64e-002	-2.17e-004	5.89e-003	11.31	5.56	-15.12
271	638	9.50e-004	-6.73e-004	-1.37e-003	34.63	19.74	-29.38
	642	9.50e-004	8.33e-003	6.42e-003	51.68	-15.76	-27.38
	14	1.36e-002	8.33e-003	1.33e-002	88.66	72.11	-32.46
	685	1.36e-002	-6.73e-004	5.53e-003	2.59	44.86	-34.46
272	1	1.37e-002	3.66e-003	2.00e-002	201.64	167.78	-37.71
	683	1.37e-002	-5.99e-003	4.79e-003	4.17	101.69	-46.92
	631	-2.34e-003	-5.99e-003	-1.70e-003	74.68	42.29	-39.63
	633	-2.34e-003	3.66e-003	1.35e-002	108.42	-35.60	-30.43
273	645	-5.26e-002	-2.71e-002	-3.05e-002	174.16	-19.03	-1.94
	649	-5.26e-002	-3.48e-003	4.19e-003	37.33	19.14	-4.31
	683	1.37e-002	-3.48e-003	1.56e-002	-4.64	93.18	-29.05
	1	1.37e-002	-2.71e-002	-1.91e-002	212.66	198.83	-26.69
274	83	-5.52e-002	-3.21e-003	-3.73e-003	-47.87	116.19	0.93
	1	-5.52e-002	3.66e-003	8.26e-003	218.70	172.21	-20.67
	633	2.55e-003	3.66e-003	2.34e-002	96.61	-46.90	-23.38
	87	2.55e-003	-3.21e-003	1.14e-002	20.93	13.53	-1.78
275	648	-4.95e-002	-1.27e-002	-3.33e-003	8.37	13.62	-37.66
	645	-4.95e-002	-2.71e-002	-3.04e-002	180.90	-20.53	-43.29
	1	-5.52e-002	-2.71e-002	-3.09e-002	230.78	202.08	-23.85
	83	-5.52e-002	-1.27e-002	-3.83e-003	-49.77	114.89	-18.21
276	11	7.31e-003	-2.21e-002	5.14e-003	154.89	138.97	27.43
	644	7.31e-003	-1.19e-003	-1.65e-002	5.65e-002	62.38	27.86
	661	-3.28e-002	-1.19e-003	-7.81e-003	24.97	10.44	9.44
	657	-3.28e-002	-2.21e-002	1.38e-002	130.61	-15.91	9.01
277	639	2.25e-004	7.61e-003	-5.83e-003	83.59	-29.39	31.44
	637	2.25e-004	-2.65e-003	1.71e-003	59.49	24.22	36.15
	644	7.31e-003	-2.65e-003	-7.32e-003	7.86	67.79	41.07
	11	7.31e-003	7.61e-003	-1.49e-002	146.85	113.42	36.35
278	629	-3.33e-002	-1.14e-002	3.25e-003	-32.95	82.81	19.08
	11	-3.33e-002	-2.21e-002	1.72e-002	164.35	141.11	25.19
	657	-3.35e-002	-2.21e-002	1.40e-002	130.04	-14.86	36.81
	658	-3.35e-002	-1.14e-002	-1.89e-005	10.32	11.75	30.70
279	95	1.79e-003	-4.30e-003	-8.73e-003	15.24	6.50	13.89
	639	1.79e-003	7.61e-003	-1.38e-002	72.41	-36.94	28.45
	11	-3.33e-002	7.61e-003	-2.78e-003	154.21	117.56	22.95
	629	-3.33e-002	-4.30e-003	2.25e-003	-30.63	83.04	8.38
280	630	2.11e-002	-0.17	1.25e-003	2.06	7.55e-003	-8.77e-003
	660	2.11e-002	-0.18	9.72e-003	7.54	0.65	-0.28
	76	4.95e-003	-0.18	-3.72e-004	5.79	0.77	-3.71e-002
	75	4.95e-003	-0.17	-8.84e-003	2.58	1.19	0.23
281	629	-1.14e-002	-0.18	-1.03e-002	-1.89	-20.93	-3.57
	658	-1.14e-002	-0.10	-1.49e-002	1.77	-18.63	-0.95
	660	2.11e-002	-0.10	-9.89e-004	8.21	-0.19	0.62
	630	2.11e-002	-0.18	3.56e-003	2.36	0.57	-2.00
282	628	1.22e-002	-0.16	-4.50e-004	-2.67	-2.59	-1.03
	630	1.22e-002	-0.17	-2.75e-003	0.72	-0.85	-0.42
	75	-1.08e-002	-0.17	-1.07e-002	1.41	1.25	0.42
	80	-1.08e-002	-0.16	-8.43e-003	-1.70	1.76	-0.19
283	95	-4.30e-003	-0.17	3.34e-002	1.28	-14.14	-0.90
	629	-4.30e-003	-0.18	7.00e-003	-2.14	-19.96	-1.76
	630	1.22e-002	-0.18	-4.40e-004	-0.17	-0.86	-2.13
	628	1.22e-002	-0.17	2.59e-002	-2.78	-6.07	-1.27
284	94	-6.11e-003	-0.16	3.14e-003	-2.19	-3.65	-0.38
	628	-6.11e-003	-0.16	1.73e-003	-1.71	-2.76	-0.97
	80	-1.79e-002	-0.16	-7.05e-003	-1.94	1.12	-0.57
	92	-1.79e-002	-0.16	-5.63e-003	-3.32	1.33	1.31e-002
285	91	2.73e-002	-0.15	3.83e-003	6.28e-002	-12.37	-0.43

	95	2.73e-002	-0.17	2.82e-002	-1.10	-13.24	-1.82
	628	-6.11e-003	-0.17	2.81e-002	-1.98	-6.78	-1.70
	94	-6.11e-003	-0.15	3.74e-003	-1.97	-7.89	-0.30
286	90	-1.63e-003	-0.23	-2.46e-003	-2.26	-2.04	1.17
	94	-1.63e-003	-0.16	-7.93e-003	-2.96	-3.54	0.62
	92	-2.07e-002	-0.16	4.18e-003	-3.61	1.64	-0.90
	96	-2.07e-002	-0.23	9.65e-003	-2.88	2.75	-0.35
287	87	2.86e-002	-0.24	-3.46e-002	-2.12	-16.84	0.59
	91	2.86e-002	-0.15	-5.45e-003	1.03	-12.74	-1.39
	94	-1.63e-003	-0.15	-7.33e-003	-1.55	-8.40	0.14
	90	-1.63e-003	-0.24	-3.65e-002	-3.69	-7.22	2.12
288	86	1.98e-002	-0.29	5.91e-003	0.31	0.71	0.21
	90	1.98e-002	-0.23	3.83e-003	-4.78	-1.64	1.11
	96	-1.60e-002	-0.23	9.97e-003	-2.94	4.08	-0.79
	84	-1.60e-002	-0.29	1.20e-002	0.92	4.53	-1.69
289	83	-3.21e-003	-0.29	-7.64e-003	-3.84	-28.87	1.10
	87	-3.21e-003	-0.24	-4.26e-002	1.33	-19.02	-0.32
	90	1.98e-002	-0.24	-3.02e-002	-4.25	-6.64	1.25
	86	1.98e-002	-0.29	4.77e-003	-1.70	0.65	2.66
290	646	2.87e-002	-0.35	-2.12e-002	9.72	2.33	-0.36
	86	2.87e-002	-0.29	-7.38e-003	1.76	1.89	-0.51
	84	3.04e-003	-0.29	7.92e-003	2.85	4.88	-1.36
	88	3.04e-003	-0.35	-5.91e-003	7.94	5.18	-1.21
291	648	-1.27e-002	-0.19	2.05e-002	1.64	-27.71	0.60
	83	-1.27e-002	-0.29	1.56e-002	-3.56	-30.74	4.37
	86	2.87e-002	-0.29	-8.52e-003	2.62	2.69	2.22
	646	2.87e-002	-0.19	-3.62e-003	10.87	1.76	-1.55
292	82	2.56e-002	-0.19	2.17e-003	-1.72	0.27	0.14
	656	2.56e-002	-0.26	1.06e-002	4.30	1.03	0.38
	125	2.52e-004	-0.26	1.03e-002	4.61	4.28	1.53
	129	2.52e-004	-0.19	1.82e-003	-1.52	2.88	1.29
293	79	-6.52e-003	-0.25	-2.00e-002	-3.76	-19.15	-2.55
	655	-6.52e-003	-0.14	-1.23e-002	2.26	-19.14	-2.32
	656	2.56e-002	-0.14	2.65e-004	3.40	-1.16	-0.23
	82	2.56e-002	-0.24	1.47e-003	-3.83	-2.48	-5.11
294	78	1.19e-002	-0.13	1.11e-002	-2.60	-3.72	-0.86
	82	1.19e-002	-0.19	5.35e-003	-2.15	-0.79	-0.84
	129	-5.60e-003	-0.19	-1.40e-003	-1.56	1.93	1.08
	133	-5.60e-003	-0.13	4.32e-003	-3.16	0.64	1.06
295	626	2.35e-002	-0.11	5.04e-003	0.76	-10.89	1.25
	72	2.35e-002	-0.20	2.88e-002	-2.25	-12.71	-0.92
	82	1.19e-002	-0.20	3.32e-002	-4.18	-6.98	-1.25
	78	1.19e-002	-0.11	7.97e-003	-1.16	-7.41	-0.18
296	71	5.89e-003	-0.11	-9.43e-003	-1.23	-2.13	0.71
	78	5.89e-003	-0.13	-2.75e-004	-1.77	-3.79	0.47
	133	-1.25e-004	-0.13	5.67e-003	-2.81	0.15	-8.94e-002
	140	-1.25e-004	-0.11	-3.49e-003	-0.61	-0.27	0.15
297	680	2.28e-002	-0.12	-2.10e-002	-0.94	-9.53	2.28
	626	2.28e-002	-0.11	-2.14e-003	-0.15	-10.52	0.71
	78	5.89e-003	-0.11	-3.38e-003	-1.52	-6.71	0.36
	71	5.89e-003	-0.12	-2.45e-002	-2.00	-5.82	1.18
298	668	1.81e-002	-9.05e-002	-5.46e-003	3.61	-0.97	0.17
	71	1.81e-002	-0.11	-7.22e-003	-0.53	-1.57	0.21
	140	4.94e-003	-0.11	-9.59e-003	-0.19	0.10	-0.21
	144	4.94e-003	-9.05e-002	-7.82e-003	3.37	0.28	-0.25
299	667	-4.72e-003	-4.64e-002	7.74e-003	1.68	-11.49	1.85
	677	-4.72e-003	-0.14	8.68e-003	-1.56	-11.73	2.44
	71	1.81e-002	-0.13	-5.73e-003	-1.84	-3.06	3.33
	668	1.81e-002	-4.64e-002	-3.33e-004	3.29	-1.77	0.35
300	676	1.05e-002	-0.13	5.28e-003	-1.38	-3.47	-0.19

	666	1.05e-002	-0.12	7.46e-003	-1.07	-2.87	-9.28e-002
	165	7.94e-003	-0.12	-4.04e-004	-0.56	-0.55	0.41
	161	7.94e-003	-0.13	-2.59e-003	-1.59	-0.61	0.31
301	675	1.32e-002	-0.11	8.48e-003	0.24	-9.78	-0.91
	664	1.32e-002	-0.13	2.12e-002	-0.27	-9.37	-1.69
	666	1.05e-002	-0.13	2.23e-002	-0.92	-4.96	-0.94
	676	1.05e-002	-0.11	9.62e-003	-1.22	-5.66	-0.16
302	674	3.63e-003	-0.15	-6.19e-003	-1.44	-3.66	0.21
	676	3.63e-003	-0.13	-3.68e-003	-1.66	-3.61	0.19
	161	8.42e-003	-0.13	5.63e-004	-1.47	-0.66	6.98e-002
	156	8.42e-003	-0.15	-1.94e-003	-1.71	-0.45	9.48e-002
303	673	2.31e-002	-0.13	-9.89e-003	-1.07	-10.68	-0.11
	675	2.31e-002	-0.11	4.17e-003	-0.47	-10.14	-0.60
	676	3.63e-003	-0.11	6.55e-004	-1.26	-5.76	-0.17
	674	3.63e-003	-0.13	-1.34e-002	-1.61	-5.86	0.32
304	662	1.78e-002	-0.18	-1.33e-002	-1.10	-2.93	0.50
	674	1.78e-002	-0.15	-1.32e-002	-1.86	-3.55	0.63
	156	1.02e-002	-0.15	1.67e-003	-1.62	-0.20	-0.14
	152	1.02e-002	-0.18	1.60e-003	-0.95	0.21	-0.27
305	661	8.22e-003	-0.20	-3.15e-002	-0.84	-11.49	1.19
	673	8.22e-003	-0.13	-1.55e-002	0.88	-10.72	0.22
	674	1.78e-002	-0.13	-2.04e-002	-1.09	-6.14	0.31
	662	1.78e-002	-0.20	-3.64e-002	-1.49	-5.50	1.28
306	672	-1.93e-003	-0.12	-1.45e-002	2.00	1.82	0.57
	654	-1.93e-003	-0.18	-2.67e-002	1.22	1.10	0.73
	117	2.97e-002	-0.18	-5.75e-002	1.37	-1.92	-1.78e-002
	113	2.97e-002	-0.12	-4.53e-002	2.34	-1.63	-0.18
307	671	5.32e-003	-0.13	5.51e-003	-0.36	9.10	0.48
	652	5.32e-003	-0.20	1.73e-002	7.63e-002	9.85	1.54
	654	-1.93e-003	-0.20	9.97e-003	1.39	4.39	1.56
	672	-1.93e-003	-0.13	-1.82e-003	1.18	5.10	0.50
308	670	-1.84e-002	-0.13	3.92e-003	1.78	2.01	-0.45
	672	-1.84e-002	-0.12	-1.62e-002	2.00	1.94	-4.13e-002
	113	-4.28e-003	-0.12	-1.39e-002	2.42	-1.45	1.98e-002
	108	-4.28e-003	-0.13	6.17e-003	2.59	-1.60	-0.39
309	669	1.60e-002	-0.15	-6.71e-003	1.12	9.79	1.79e-002
	671	1.60e-002	-0.13	1.32e-004	0.53	9.28	0.60
	672	-1.84e-002	-0.13	-3.49e-003	1.46	5.07	0.17
	670	-1.84e-002	-0.15	-1.03e-002	1.74	5.20	-0.41
310	650	4.01e-003	-0.23	2.11e-002	1.16	1.28	-1.20
	670	4.01e-003	-0.13	4.28e-003	2.39	1.93	-1.10
	108	3.03e-002	-0.13	4.03e-002	2.28	-1.95	-0.15
	104	3.03e-002	-0.23	5.71e-002	1.58	-2.57	-0.25
311	649	-4.56e-004	-0.26	-2.70e-002	0.61	11.84	-1.10
	669	-4.56e-004	-0.15	-1.33e-002	-1.02	9.99	0.11
	670	4.01e-003	-0.15	-9.98e-003	1.03	5.59	-0.72
	650	4.01e-003	-0.26	-2.37e-002	1.85	4.98	-1.94
312	665	2.45e-002	-0.11	-1.70e-002	1.37	-0.78	0.18
	668	2.45e-002	-9.05e-002	-1.10e-002	6.15	0.68	-0.37
	144	5.77e-003	-9.05e-002	-5.13e-003	3.90	-1.45	0.11
	17	5.77e-003	-0.11	-1.11e-002	1.79	-0.56	0.66
313	663	-2.19e-002	-0.14	-1.46e-002	-1.32	-11.36	-3.23
	667	-2.19e-002	-4.64e-002	-2.09e-002	3.62	-6.32	-1.67
	668	2.45e-002	-4.64e-002	-2.18e-002	5.61	-2.99	0.19
	665	2.45e-002	-0.14	-1.54e-002	1.38	-0.43	-1.38
314	666	2.06e-002	-0.12	1.04e-003	-0.86	-2.53	-0.20
	665	2.06e-002	-0.11	-9.11e-003	0.27	-1.56	0.15
	17	5.17e-003	-0.11	-1.07e-002	1.16	-0.46	0.85
	165	5.17e-003	-0.12	-5.46e-004	-0.59	-0.34	0.51
315	664	-1.64e-002	-0.13	2.48e-002	0.29	-9.56	-1.47

	663	-1.64e-002	-0.14	1.29e-003	0.11	-11.57	-1.73
	665	2.06e-002	-0.14	-7.56e-003	0.57	-1.45	-1.13
	666	2.06e-002	-0.13	1.59e-002	-0.95	-4.25	-0.87
316	659	3.18e-002	-0.19	1.27e-002	0.13	-1.61	-1.39e-002
	662	3.18e-002	-0.18	-2.77e-004	-1.51	-2.63	0.56
	152	7.61e-003	-0.18	1.04e-003	-0.63	0.62	-0.34
	148	7.61e-003	-0.19	1.41e-002	1.18	0.68	-0.92
317	657	-3.28e-002	-0.23	-1.01e-003	-0.32	-16.28	1.48
	661	-3.28e-002	-0.20	-3.68e-002	0.86	-12.22	0.96
	662	3.18e-002	-0.20	-2.34e-002	-1.27	-4.92	1.07
	659	3.18e-002	-0.23	1.24e-002	0.25	-1.00	1.59
318	660	3.22e-002	-0.18	1.17e-002	7.20	1.38	0.26
	659	3.22e-002	-0.19	2.20e-002	1.27	-0.71	-3.43e-002
	148	8.41e-003	-0.19	1.08e-002	2.46	0.65	-0.67
	76	8.41e-003	-0.18	5.45e-004	5.02	-0.69	-0.37
319	658	-3.35e-002	-0.10	3.69e-002	5.04	-9.99	2.50
	657	-3.35e-002	-0.23	2.30e-002	-2.00	-16.25	4.11
	659	3.22e-002	-0.23	2.16e-002	1.27	0.22	1.70
	660	3.22e-002	-0.10	3.55e-002	6.59	-2.82	9.24e-002
320	653	3.80e-002	-0.23	-5.63e-002	-1.24	-1.35	0.73
	656	3.80e-002	-0.26	-3.37e-002	-9.39	-4.35	1.55
	125	3.31e-002	-0.26	-2.19e-002	-5.21	8.16e-002	0.96
	121	3.31e-002	-0.23	-4.45e-002	-2.67	-2.21	0.14
321	651	-3.82e-002	-0.26	-3.92e-002	2.55	16.18	4.31
	655	-3.82e-002	-0.14	-3.81e-002	-6.47	8.69	2.27
	656	3.80e-002	-0.14	-5.32e-002	-7.67	3.58	0.66
	653	3.80e-002	-0.26	-5.43e-002	-2.37	-1.76	2.70
322	654	2.31e-002	-0.18	-4.31e-002	1.65	0.80	0.89
	653	2.31e-002	-0.23	-4.62e-002	-0.51	-0.25	0.50
	121	2.04e-002	-0.23	-6.24e-002	-1.15	-2.37	-0.38
	117	2.04e-002	-0.18	-5.94e-002	1.00	-2.36	1.00e-002
323	652	-3.52e-002	-0.20	2.31e-002	-0.35	10.78	0.90
	651	-3.52e-002	-0.26	-1.46e-002	-0.76	15.92	1.45
	653	2.31e-002	-0.26	-4.42e-002	-0.60	-0.59	2.14
	654	2.31e-002	-0.20	-6.44e-003	1.17	3.64	1.58
324	647	3.21e-002	-0.30	5.07e-002	-0.41	-5.56e-002	-0.66
	650	3.21e-002	-0.23	4.45e-002	2.17	1.03	-1.33
	104	2.14e-002	-0.23	6.18e-002	0.90	-3.21	-0.28
	100	2.14e-002	-0.30	6.80e-002	-1.38	-3.38	0.39
325	645	-5.26e-002	-0.34	1.56e-002	-0.48	20.33	-1.28
	649	-5.26e-002	-0.26	-3.44e-002	-0.92	13.27	-0.45
	650	3.21e-002	-0.26	-3.54e-004	1.38	4.39	-1.82
	647	3.21e-002	-0.34	4.97e-002	-0.31	-0.86	-2.64
326	646	4.25e-002	-0.35	3.59e-002	-10.03	-4.94	-1.27
	647	4.25e-002	-0.30	6.20e-002	-1.15	-1.26	-0.88
	100	3.69e-002	-0.30	4.76e-002	-3.32	-3.29	-0.11
	88	3.69e-002	-0.35	2.16e-002	-6.56	-0.53	-0.50
327	648	-4.95e-002	-0.19	5.73e-002	-7.96	12.62	-3.28
	645	-4.95e-002	-0.34	4.81e-002	3.15	20.77	-5.17
	647	4.25e-002	-0.34	6.10e-002	-2.15	-2.25	-2.99
	646	4.25e-002	-0.19	7.01e-002	-8.34	2.99	-1.10
328	51	-1.93e-003	-4.73e-003	-1.26e-003	2.83e-002	0.12	-0.16
	159	-1.93e-003	-3.22e-003	2.47e-004	0.15	0.21	-0.22
	142	2.97e-003	-3.22e-003	-2.30e-003	-0.11	1.67e-002	-0.15
	53	2.97e-003	-4.73e-003	-3.80e-003	0.10	2.70e-002	-9.29e-002
329	43	-2.51e-004	-2.02e-002	-2.86e-004	4.35e-002	0.19	-0.21
	154	-2.51e-004	-1.51e-002	-9.20e-006	0.17	0.30	-0.21
	159	-1.93e-003	-1.51e-002	6.11e-004	9.23e-002	4.73e-002	-0.20
	51	-1.93e-003	-2.02e-002	3.34e-004	0.12	0.15	-0.19
330	128	1.35e-003	-3.45e-002	3.93e-004	4.22e-002	0.15	-0.20

	363	1.35e-003	-2.92e-002	8.74e-004	0.13	0.27	-0.19
	154	-2.51e-004	-2.92e-002	2.11e-004	7.26e-002	3.03e-002	-0.20
	43	-2.51e-004	-3.45e-002	-2.70e-004	0.11	0.16	-0.21
331	50	1.03e-004	-3.00e-002	-7.34e-005	7.49e-003	0.19	-0.20
	43	1.03e-004	-2.02e-002	-1.56e-003	6.26e-002	0.17	-0.19
	51	-2.48e-003	-2.02e-002	2.57e-003	6.28e-002	0.15	-0.18
	52	-2.48e-003	-3.00e-002	4.05e-003	3.40e-002	0.13	-0.20
332	362	-8.54e-004	-4.22e-002	2.34e-003	2.21e-002	0.18	-0.17
	128	-8.54e-004	-3.45e-002	7.80e-004	6.23e-002	0.15	-0.17
	43	1.03e-004	-3.45e-002	-1.54e-003	5.59e-002	0.17	-0.19
	50	1.03e-004	-4.22e-002	2.40e-005	1.42e-002	0.18	-0.19
333	36	-2.26e-004	-1.95e-002	-1.55e-003	-8.05e-002	-0.14	-0.23
	41	-2.26e-004	-7.13e-003	-2.42e-003	-2.76e-002	-0.19	-0.29
	42	1.88e-003	-7.13e-003	2.49e-003	-6.40e-002	-5.40e-002	-0.31
	37	1.88e-003	-1.95e-002	3.36e-003	-0.15	-5.41e-002	-0.26
334	604	5.41e-004	-3.19e-002	2.12e-003	-5.01e-003	-0.38	-0.20
	357	5.41e-004	-2.04e-002	-3.80e-005	-2.93e-002	-0.38	-0.23
	41	-2.26e-004	-2.04e-002	-2.93e-003	-3.27e-002	-0.23	-0.26
	36	-2.26e-004	-3.19e-002	-7.69e-004	-6.89e-002	-0.17	-0.23
335	35	2.40e-003	-9.38e-003	-9.81e-005	-5.58e-002	0.24	-0.15
	37	2.40e-003	-7.51e-003	-2.97e-003	-0.16	9.08e-002	-0.16
	40	-3.02e-003	-7.51e-003	-4.96e-003	-0.21	-5.84e-002	-0.11
	131	-3.02e-003	-9.38e-003	-2.09e-003	-4.77e-002	-0.27	-0.10
336	34	1.89e-004	-2.43e-002	-1.61e-004	4.69e-002	8.27e-002	-0.17
	36	1.89e-004	-1.95e-002	-4.35e-004	-0.12	-0.13	-0.21
	37	2.40e-003	-1.95e-002	-1.08e-004	-6.01e-002	-6.37e-002	-0.19
	35	2.40e-003	-2.43e-002	1.65e-004	-0.16	-0.30	-0.14
337	356	-1.52e-003	-3.93e-002	8.95e-004	0.13	-0.12	-0.18
	604	-1.52e-003	-3.19e-002	1.30e-003	-0.22	-0.37	-0.17
	36	1.89e-004	-3.19e-002	3.46e-004	-1.39e-002	-0.15	-0.18
	34	1.89e-004	-3.93e-002	-5.81e-005	-5.12e-002	-0.39	-0.18
338	31	4.81e-005	-6.58e-003	8.80e-005	-3.42e-002	-0.24	-0.17
	35	4.81e-005	-9.38e-003	-4.93e-004	-8.77e-002	-0.16	-0.18
	131	4.86e-004	-9.38e-003	-2.06e-003	-5.38e-002	-0.12	-0.19
	33	4.86e-004	-6.58e-003	-1.48e-003	-0.10	-4.50e-002	-0.18
339	29	-1.29e-003	-2.16e-002	-1.42e-004	-1.35e-002	-0.44	-0.16
	34	-1.29e-003	-2.43e-002	-4.10e-004	-1.09e-002	-0.29	-0.20
	35	4.81e-005	-2.43e-002	-3.27e-004	-0.11	-0.49	-0.19
	31	4.81e-005	-2.16e-002	-5.92e-005	8.68e-003	-0.35	-0.16
340	579	1.32e-003	-3.27e-002	2.22e-003	-7.07e-002	-0.57	-0.33
	356	1.32e-003	-3.93e-002	5.97e-004	-1.82e-002	-0.34	-0.30
	34	-1.29e-003	-3.93e-002	-3.10e-004	1.52e-002	-0.57	-0.19
	29	-1.29e-003	-3.27e-002	1.31e-003	-2.86e-002	-0.53	-0.22
341	30	-1.66e-004	-1.87e-002	3.47e-004	5.05e-002	-0.55	-0.16
	29	-1.66e-004	-2.16e-002	-1.02e-003	-6.98e-002	-0.47	-0.17
	31	-6.81e-004	-2.16e-002	3.29e-005	-4.95e-002	-0.32	-0.13
	32	-6.81e-004	-1.87e-002	1.40e-003	8.30e-003	-0.31	-0.12
342	364	4.34e-003	-3.88e-002	-2.22e-003	-0.17	-1.14	-0.40
	579	4.34e-003	-3.27e-002	1.42e-003	0.12	-0.67	-0.40
	29	-1.66e-004	-3.27e-002	4.31e-004	-4.23e-002	-0.57	-0.20
	30	-1.66e-004	-3.88e-002	-3.21e-003	-1.29e-002	-0.42	-0.20
343	23	4.12e-005	-2.08e-002	1.65e-003	-7.35e-002	9.70e-003	-3.54e-003
	26	4.12e-005	-2.07e-002	-3.02e-004	-4.99e-002	3.20e-002	1.98e-002
	27	-7.69e-004	-2.07e-002	-1.36e-003	-1.79e-002	-3.78e-002	9.69e-003
	24	-7.69e-004	-2.08e-002	5.99e-004	-4.79e-002	9.80e-004	-1.37e-002
344	516	3.54e-003	-3.14e-002	-1.41e-003	-0.25	7.09e-002	-0.16
	365	3.54e-003	-4.27e-002	2.98e-003	-0.17	0.45	-5.84e-002
	26	4.12e-005	-4.27e-002	4.14e-003	-4.89e-002	-3.58e-002	6.44e-002
	23	4.12e-005	-3.14e-002	-2.43e-004	-0.12	0.14	-3.76e-002
345	22	8.06e-005	-7.70e-003	5.91e-005	-4.90e-002	0.12	-2.47e-002

	24	8.06e-005	-6.32e-003	5.80e-005	-8.35e-002	-5.42e-002	-3.80e-003
	25	-5.09e-005	-6.32e-003	1.46e-003	-4.89e-003	-3.65e-002	3.86e-004
	138	-5.09e-005	-7.70e-003	1.46e-003	-7.61e-002	-0.21	-2.05e-002
346	21	-1.52e-003	-1.96e-002	4.75e-004	-0.10	0.16	-5.32e-002
	23	-1.52e-003	-2.08e-002	8.79e-004	-0.18	6.92e-003	-1.53e-003
	24	8.06e-005	-2.08e-002	4.09e-004	-3.72e-002	9.11e-004	1.09e-002
	22	8.06e-005	-1.96e-002	5.96e-006	-0.11	-0.17	-4.07e-002
347	361	1.14e-003	-3.43e-002	-8.01e-004	-0.24	0.11	-0.18
	516	1.14e-003	-3.14e-002	-2.26e-003	-0.25	2.00e-002	-0.11
	23	-1.52e-003	-3.14e-002	-1.02e-003	-0.11	0.10	-1.99e-002
	21	-1.52e-003	-3.43e-002	4.37e-004	-0.21	-0.13	-8.97e-002
348	18	-1.49e-004	-4.93e-003	3.17e-004	-0.10	1.30e-002	-7.49e-002
	22	-1.49e-004	-7.70e-003	-1.95e-004	-8.75e-002	0.13	-5.39e-002
	138	3.25e-004	-7.70e-003	-9.51e-004	-5.15e-002	-6.15e-002	-7.04e-002
	20	3.25e-004	-4.93e-003	-4.39e-004	-0.10	9.30e-002	-9.14e-002
349	15	2.17e-005	-1.93e-002	3.23e-004	-0.13	-8.64e-002	-0.15
	21	2.17e-005	-1.96e-002	-3.54e-004	-0.12	0.10	-0.12
	22	-1.49e-004	-1.96e-002	-2.22e-004	-8.85e-002	-3.62e-002	-6.15e-002
	18	-1.49e-004	-1.93e-002	4.55e-004	-0.11	1.52e-002	-9.28e-002
350	491	-1.44e-005	-3.25e-002	7.07e-004	-8.33e-002	-0.30	-0.26
	361	-1.44e-005	-3.43e-002	-3.73e-005	-0.20	-3.05e-002	-0.24
	21	2.17e-005	-3.43e-002	-2.67e-004	-0.13	-0.13	-0.14
	15	2.17e-005	-3.25e-002	4.77e-004	-0.13	-0.12	-0.16
351	19	-7.79e-005	-6.44e-003	7.87e-004	-3.02e-002	-4.23e-002	-7.76e-002
	18	-7.79e-005	-4.93e-003	-5.05e-005	-7.10e-002	1.16e-002	-9.00e-002
	20	-1.82e-004	-4.93e-003	7.09e-004	-0.10	7.90e-002	-3.95e-002
	137	-1.82e-004	-6.44e-003	1.55e-003	-1.83e-002	4.55e-003	-2.70e-002
352	16	-2.82e-004	-1.87e-002	8.03e-004	-1.53e-002	-0.16	-0.13
	15	-2.82e-004	-1.93e-002	3.15e-004	-7.73e-002	-0.10	-0.14
	18	-7.79e-005	-1.93e-002	8.74e-005	-7.49e-002	-1.63e-002	-0.10
	19	-7.79e-005	-1.87e-002	5.75e-004	-3.15e-002	-6.70e-002	-8.93e-002
353	360	-2.11e-004	-3.10e-002	8.40e-004	-1.47e-002	-0.31	-0.15
	491	-2.11e-004	-3.25e-002	4.29e-004	-2.58e-002	-0.31	-0.19
	15	-2.82e-004	-3.25e-002	4.70e-004	-8.43e-002	-0.15	-0.17
	16	-2.82e-004	-3.10e-002	8.81e-004	-1.20e-002	-0.20	-0.14
354	9	1.64e-004	-8.40e-003	3.04e-004	5.43e-002	-2.32e-003	-5.12e-002
	13	1.64e-004	-6.10e-003	-5.34e-004	1.25e-002	1.36e-002	-3.81e-002
	135	-8.14e-004	-6.10e-003	-1.33e-004	-4.03e-003	3.74e-003	-2.58e-002
	10	-8.14e-004	-8.40e-003	7.05e-004	9.15e-002	-1.13e-002	-3.90e-002
355	8	-2.26e-004	-2.08e-002	8.98e-005	4.35e-002	-3.89e-002	-6.01e-002
	12	-2.26e-004	-2.06e-002	-4.22e-004	8.52e-003	-2.46e-002	-5.56e-002
	13	1.64e-004	-2.06e-002	-3.24e-004	1.29e-002	7.74e-005	-4.14e-002
	9	1.64e-004	-2.08e-002	1.88e-004	4.62e-002	-2.17e-002	-4.59e-002
356	454	-4.49e-005	-3.41e-002	-2.27e-006	2.24e-002	-7.77e-002	-8.04e-002
	359	-4.49e-005	-3.39e-002	-9.08e-004	8.85e-003	-6.31e-002	-7.27e-002
	12	-2.26e-004	-3.39e-002	-8.48e-004	5.29e-003	-3.69e-002	-5.97e-002
	8	-2.26e-004	-3.41e-002	5.85e-005	3.81e-002	-5.54e-002	-6.73e-002
357	7	1.15e-004	-5.58e-003	1.87e-004	0.19	6.75e-002	-9.47e-002
	9	1.15e-004	-8.40e-003	5.11e-005	7.92e-002	1.78e-004	-4.23e-002
	10	-8.49e-004	-8.40e-003	-3.97e-004	7.66e-002	6.29e-004	-5.76e-002
	134	-8.49e-004	-5.58e-003	-2.62e-004	0.28	-2.79e-002	-0.11
358	6	8.51e-005	-2.05e-002	1.87e-004	9.03e-002	4.83e-003	-0.12
	8	8.51e-005	-2.08e-002	-1.10e-004	6.92e-002	-6.20e-002	-6.60e-002
	9	1.15e-004	-2.08e-002	-6.57e-005	0.10	-1.51e-002	-4.05e-002
	7	1.15e-004	-2.05e-002	2.32e-004	0.14	-0.15	-9.19e-002
359	358	-7.65e-005	-3.41e-002	2.01e-004	3.64e-002	1.96e-003	-0.11
	454	-7.65e-005	-3.41e-002	-2.01e-004	4.03e-002	-8.50e-002	-7.50e-002
	8	8.51e-005	-3.41e-002	-1.42e-004	6.37e-002	-5.33e-002	-7.52e-002
	6	8.51e-005	-3.41e-002	2.60e-004	7.20e-002	-0.14	-0.11
360	2	6.38e-004	-6.48e-003	9.60e-004	0.15	1.09e-003	-0.23

	7	6.38e-004	-5.58e-003	-2.34e-004	0.24	0.17	-0.16
	134	-8.79e-004	-5.58e-003	5.47e-004	0.24	2.21e-002	-0.16
	5	-8.79e-004	-6.48e-003	1.74e-003	0.33	0.19	-0.23
361	167	1.10e-004	-1.94e-002	2.58e-004	8.40e-002	3.41e-003	-0.20
	6	1.10e-004	-2.05e-002	-2.75e-005	0.11	0.12	-0.14
	7	6.38e-004	-2.05e-002	-2.99e-004	0.16	-7.56e-002	-0.16
	2	6.38e-004	-1.94e-002	-1.31e-005	0.17	6.77e-002	-0.22
362	429	-2.88e-004	-3.24e-002	-2.52e-004	-2.93e-003	-1.68e-002	-0.19
	358	-2.88e-004	-3.41e-002	-2.18e-004	7.06e-002	0.14	-0.15
	6	1.10e-004	-3.41e-002	1.13e-005	5.57e-002	-0.13	-0.15
	167	1.10e-004	-3.24e-002	-2.28e-005	0.10	3.29e-002	-0.19
363	168	-3.35e-005	-1.71e-002	1.22e-003	4.05e-002	7.92e-002	-0.23
	167	-3.35e-005	-1.94e-002	3.70e-004	8.15e-002	-4.49e-003	-0.19
	2	2.93e-004	-1.94e-002	-1.10e-003	0.20	9.33e-002	-0.25
	3	2.93e-004	-1.71e-002	-2.47e-004	1.50e-002	0.12	-0.29
364	367	1.13e-004	-3.03e-002	6.96e-004	1.43e-002	3.04e-002	-0.18
	429	1.13e-004	-3.24e-002	-6.80e-004	3.38e-002	-2.13e-002	-0.16
	167	-3.35e-005	-3.24e-002	8.86e-005	7.33e-002	4.45e-002	-0.19
	168	-3.35e-005	-3.03e-002	1.47e-003	1.19e-002	5.13e-002	-0.21
365	151	5.12e-005	-1.95e-002	6.21e-004	3.33e-002	0.32	-0.18
	163	5.12e-005	-2.35e-002	-5.52e-004	-3.67e-003	0.32	-0.18
	164	-7.33e-004	-2.35e-002	-1.18e-003	8.63e-003	0.22	-0.20
	155	-7.33e-004	-1.95e-002	-1.03e-005	3.12e-002	0.27	-0.21
366	392	-3.35e-004	-3.29e-002	3.55e-004	5.90e-002	0.30	-0.18
	366	-3.35e-004	-3.71e-002	-1.19e-003	5.72e-003	0.31	-0.19
	163	5.12e-005	-3.71e-002	-7.72e-004	1.51e-002	0.31	-0.18
	151	5.12e-005	-3.29e-002	7.74e-004	2.48e-002	0.30	-0.17
367	159	-2.51e-004	-3.22e-003	-5.51e-005	0.13	0.34	-0.19
	155	-2.51e-004	-5.87e-003	2.95e-005	-1.48e-002	0.19	-0.23
	160	4.69e-006	-5.87e-003	3.48e-004	0.12	1.37e-002	-0.27
	142	4.69e-006	-3.22e-003	2.63e-004	-0.10	-7.82e-002	-0.23
368	154	-3.78e-005	-1.51e-002	3.90e-004	0.13	0.37	-0.17
	151	-3.78e-005	-1.95e-002	3.49e-004	2.28e-002	0.33	-0.17
	155	-2.51e-004	-1.95e-002	4.36e-005	1.94e-002	0.28	-0.20
	159	-2.51e-004	-1.51e-002	8.45e-005	0.14	0.29	-0.19
369	363	2.29e-004	-2.92e-002	1.99e-004	8.42e-002	0.22	-0.19
	392	2.29e-004	-3.29e-002	3.18e-004	7.58e-002	0.28	-0.19
	151	-3.78e-005	-3.29e-002	5.02e-004	5.61e-002	0.30	-0.16
	154	-3.78e-005	-2.92e-002	3.83e-004	0.10	0.31	-0.16
373	126	-1.72e-004	-4.96e-002	-2.73e-003	8.32e-002	0.18	-0.19
	391	-1.72e-004	-4.44e-002	3.11e-004	0.13	0.24	-0.21
	363	1.35e-003	-4.44e-002	1.10e-003	5.86e-002	5.40e-002	-0.21
	128	1.35e-003	-4.96e-002	-1.94e-003	9.25e-002	0.12	-0.19
374	123	-1.60e-003	-6.58e-002	-1.42e-003	4.38e-002	0.23	-0.22
	389	-1.60e-003	-6.03e-002	1.50e-003	0.18	0.31	-0.23
	391	-1.72e-004	-6.03e-002	3.54e-004	8.51e-002	0.12	-0.21
	126	-1.72e-004	-6.58e-002	-2.57e-003	0.11	0.18	-0.20
375	119	-1.44e-005	-8.31e-002	1.71e-004	2.56e-003	0.20	-0.23
	387	-1.44e-005	-7.83e-002	6.42e-004	0.15	0.33	-0.23
	389	-1.60e-003	-7.83e-002	1.36e-003	4.39e-002	3.38e-002	-0.22
	123	-1.60e-003	-8.31e-002	8.94e-004	0.12	0.16	-0.22
376	115	1.57e-003	-0.10	8.56e-004	1.88e-002	0.14	-0.20
	385	1.57e-003	-0.10	1.26e-003	0.12	0.27	-0.22
	387	-1.44e-005	-0.10	6.23e-004	-1.87e-002	-5.58e-002	-0.23
	119	-1.44e-005	-0.10	2.16e-004	0.10	8.47e-002	-0.22
377	111	-2.47e-004	-0.12	-2.45e-003	6.71e-002	0.12	-0.20
	383	-2.47e-004	-0.11	4.55e-004	0.15	0.21	-0.22
	385	1.57e-003	-0.11	1.40e-003	1.25e-002	-3.86e-002	-0.23
	115	1.57e-003	-0.12	-1.50e-003	0.10	5.28e-002	-0.20
378	106	-1.91e-003	-0.13	-9.60e-004	1.96e-002	0.10	-0.24

	381	-1.91e-003	-0.13	1.74e-003	0.20	0.21	-0.25
	383	-2.47e-004	-0.13	4.86e-004	8.89e-002	1.67e-002	-0.22
	111	-2.47e-004	-0.13	-2.22e-003	0.11	0.11	-0.22
379	102	-9.68e-006	-0.15	9.39e-004	-3.28e-002	-4.58e-002	-0.25
	379	-9.68e-006	-0.15	6.54e-004	0.15	0.13	-0.24
	381	-1.91e-003	-0.15	1.52e-003	2.75e-002	-0.19	-0.24
	106	-1.91e-003	-0.15	1.81e-003	0.13	-2.55e-002	-0.25
380	98	1.79e-003	-0.17	1.76e-003	-4.98e-002	-0.27	-0.24
	377	1.79e-003	-0.17	1.39e-003	5.59e-002	-0.11	-0.23
	379	-9.68e-006	-0.17	6.27e-004	-6.24e-002	-0.38	-0.24
	102	-9.68e-006	-0.17	9.94e-004	9.49e-002	-0.22	-0.25
381	61	-6.18e-005	-0.19	-1.66e-003	-5.99e-003	-0.40	-0.20
	375	-6.18e-005	-0.19	9.04e-004	3.19e-002	-0.32	-0.21
	377	1.79e-003	-0.19	1.69e-003	-9.11e-002	-0.50	-0.24
	98	1.79e-003	-0.19	-8.74e-004	6.26e-002	-0.40	-0.23
382	621	-1.92e-003	-0.20	-1.24e-004	1.12e-002	-0.23	-0.15
	373	-1.92e-003	-0.21	2.58e-003	0.16	-0.13	-0.19
	375	-6.18e-005	-0.21	1.15e-003	-3.76e-002	-0.53	-0.20
	61	-6.18e-005	-0.20	-1.56e-003	5.32e-002	-0.42	-0.17
383	619	-6.88e-005	-0.22	2.18e-003	6.40e-002	-4.32e-002	-0.11
	371	-6.88e-005	-0.23	2.03e-003	0.27	9.22e-002	-0.15
	373	-1.92e-003	-0.23	2.53e-003	2.64e-002	-0.44	-0.18
	621	-1.92e-003	-0.22	2.67e-003	0.12	-0.28	-0.13
384	617	1.60e-003	-0.23	2.10e-003	-2.08e-003	0.35	-0.13
	369	1.60e-003	-0.24	1.81e-003	0.62	0.77	-0.21
	371	-6.88e-005	-0.24	1.72e-003	0.10	-0.41	-0.15
	619	-6.88e-005	-0.23	2.01e-003	0.17	-5.92e-002	-6.47e-002
385	355	2.66e-004	-0.25	-5.17e-003	-0.34	-0.41	-0.42
	289	2.66e-004	-0.27	-3.28e-003	0.65	0.33	-0.38
	369	1.60e-003	-0.27	7.86e-004	0.19	-0.50	-0.20
	617	1.60e-003	-0.25	-1.10e-003	0.28	6.64e-002	-0.24
386	127	-6.74e-004	-5.35e-002	3.27e-003	0.12	9.41e-002	-0.15
	126	-6.74e-004	-4.96e-002	-4.43e-003	9.28e-002	0.17	-0.19
	128	-8.54e-004	-4.96e-002	-1.55e-003	7.56e-002	0.12	-0.18
	362	-8.54e-004	-5.35e-002	6.14e-003	3.08e-002	0.18	-0.13
387	124	8.49e-004	-8.00e-002	6.93e-003	1.85e-002	0.22	-0.26
	123	8.49e-004	-6.58e-002	-1.37e-003	7.86e-002	0.20	-0.21
	126	-6.74e-004	-6.58e-002	-4.27e-003	0.10	0.19	-0.18
	127	-6.74e-004	-8.00e-002	4.03e-003	0.12	0.12	-0.23
388	120	1.01e-005	-9.09e-002	1.10e-003	2.52e-003	0.17	-0.21
	119	1.01e-005	-8.31e-002	-5.35e-004	5.37e-002	0.19	-0.21
	123	8.49e-004	-8.31e-002	9.47e-004	4.95e-002	0.17	-0.22
	124	8.49e-004	-9.09e-002	2.58e-003	2.35e-002	0.21	-0.23
389	116	-7.40e-004	-0.10	2.55e-003	1.23e-002	0.12	-0.17
	115	-7.40e-004	-0.10	1.01e-003	4.96e-002	0.13	-0.18
	119	1.01e-005	-0.10	-4.90e-004	3.81e-002	0.11	-0.20
	120	1.01e-005	-0.10	1.06e-003	1.50e-002	0.16	-0.20
390	112	-7.85e-004	-0.12	3.91e-003	0.10	2.99e-002	-0.16
	111	-7.85e-004	-0.12	-4.25e-003	7.80e-002	0.11	-0.20
	115	-7.40e-004	-0.12	-1.35e-003	5.90e-002	6.15e-002	-0.18
	116	-7.40e-004	-0.12	6.82e-003	2.18e-002	0.12	-0.15
391	107	1.02e-003	-0.14	7.92e-003	1.44e-002	8.06e-002	-0.26
	106	1.02e-003	-0.13	-7.34e-004	7.08e-002	7.12e-002	-0.23
	111	-7.85e-004	-0.13	-4.03e-003	8.36e-002	0.11	-0.19
	112	-7.85e-004	-0.14	4.62e-003	9.28e-002	5.19e-002	-0.23
392	103	1.12e-005	-0.15	1.12e-003	-6.28e-004	-0.10	-0.23
	102	1.12e-005	-0.15	3.74e-004	3.84e-002	-6.87e-002	-0.23
	106	1.02e-003	-0.15	2.04e-003	3.69e-002	-5.21e-003	-0.23
	107	1.02e-003	-0.15	2.78e-003	1.97e-002	3.69e-002	-0.24
393	99	-8.87e-004	-0.16	2.74e-003	-7.81e-004	-0.29	-0.21

	98	-8.87e-004	-0.17	2.08e-003	2.80e-002	-0.28	-0.21
	102	1.12e-005	-0.17	4.28e-004	1.37e-002	-0.19	-0.23
	103	1.12e-005	-0.16	1.09e-003	8.39e-003	-0.15	-0.23
394	62	-4.17e-004	-0.17	4.17e-003	2.31e-002	-0.38	-0.16
	61	-4.17e-004	-0.19	-3.83e-003	4.11e-002	-0.39	-0.18
	98	-8.87e-004	-0.19	-5.50e-004	1.33e-002	-0.38	-0.21
	99	-8.87e-004	-0.17	7.45e-003	1.39e-002	-0.34	-0.19
395	622	9.54e-004	-0.20	7.75e-003	-2.50e-004	-0.24	-0.13
	621	9.54e-004	-0.20	-3.82e-004	6.59e-002	-0.24	-0.13
	61	-4.17e-004	-0.20	-3.73e-003	4.57e-002	-0.39	-0.16
	62	-4.17e-004	-0.20	4.40e-003	3.02e-002	-0.35	-0.16
396	620	-1.75e-005	-0.20	5.75e-004	2.83e-002	-4.49e-002	-6.62e-002
	619	-1.75e-005	-0.22	5.31e-004	6.39e-002	-6.07e-002	-6.97e-002
	621	9.54e-004	-0.22	2.42e-003	6.17e-002	-0.25	-0.11
	622	9.54e-004	-0.20	2.46e-003	2.17e-002	-0.19	-0.11
397	618	-1.15e-003	-0.22	2.83e-003	-5.20e-003	3.24e-002	-0.13
	617	-1.15e-003	-0.23	2.37e-003	4.02e-003	0.23	-9.04e-002
	619	-1.75e-005	-0.23	3.68e-004	8.75e-002	7.38e-003	-3.34e-002
	620	-1.75e-005	-0.22	8.24e-004	2.59e-003	0.11	-6.96e-002
398	288	2.03e-003	-0.22	5.86e-003	-0.18	-0.76	-0.35
	355	2.03e-003	-0.25	-4.11e-003	6.41e-003	-0.55	-0.32
	617	-1.15e-003	-0.25	-8.26e-004	-2.03e-002	7.71e-002	-0.17
	618	-1.15e-003	-0.22	9.15e-003	-5.77e-002	4.93e-002	-0.21
399	603	-7.46e-004	-4.63e-002	-2.82e-003	-0.10	-0.60	-0.33
	616	-7.46e-004	-3.92e-002	8.19e-004	-0.12	-0.50	-0.27
	357	5.41e-004	-3.92e-002	3.81e-003	-4.83e-003	-0.50	-0.20
	604	5.41e-004	-4.63e-002	1.72e-004	-6.53e-002	-0.52	-0.25
400	602	-5.26e-004	-6.09e-002	-2.51e-004	-0.13	-0.32	-0.38
	615	-5.26e-004	-4.65e-002	3.05e-003	-3.27e-002	-0.45	-0.41
	616	-7.46e-004	-4.65e-002	4.17e-004	-0.13	-0.44	-0.38
	603	-7.46e-004	-6.09e-002	-2.89e-003	-0.10	-0.61	-0.36
401	601	1.14e-004	-7.38e-002	-1.30e-005	-0.11	-9.39e-002	-0.30
	614	1.14e-004	-6.79e-002	-2.08e-003	-3.02e-002	-0.20	-0.30
	615	-5.26e-004	-6.79e-002	-4.97e-004	-2.71e-002	-0.33	-0.37
	602	-5.26e-004	-7.38e-002	1.57e-003	-0.11	-0.32	-0.37
402	600	1.08e-003	-8.78e-002	1.22e-003	-0.10	2.35e-002	-0.21
	613	1.08e-003	-8.57e-002	-6.12e-004	-3.82e-002	-7.28e-002	-0.20
	614	1.14e-004	-8.57e-002	-2.12e-003	-8.71e-003	-0.14	-0.27
	601	1.14e-004	-8.78e-002	-2.90e-004	-0.11	-0.13	-0.28
403	599	-7.28e-004	-0.10	-4.98e-003	-0.15	2.81e-002	-0.18
	612	-7.28e-004	-0.11	1.25e-003	-0.14	1.69e-002	-0.13
	613	1.08e-003	-0.11	4.56e-003	-2.41e-002	-5.21e-002	-0.16
	600	1.08e-003	-0.10	-1.66e-003	-0.13	-2.04e-002	-0.21
404	598	-7.07e-004	-0.12	-2.41e-003	-0.15	3.33e-002	-0.13
	611	-7.07e-004	-0.11	3.71e-003	-4.43e-002	-0.12	-0.17
	612	-7.28e-004	-0.11	7.25e-004	-0.12	2.74e-002	-0.20
	599	-7.28e-004	-0.12	-5.40e-003	-0.17	-7.83e-002	-0.16
405	597	6.23e-005	-0.13	-1.73e-003	-0.10	-3.76e-002	-4.46e-002
	610	6.23e-005	-0.13	-1.73e-003	-3.20e-002	-0.16	-5.78e-002
	611	-7.07e-004	-0.13	-2.41e-004	-1.54e-002	-0.11	-0.13
	598	-7.07e-004	-0.13	-2.37e-004	-0.15	-0.12	-0.11
406	596	1.05e-003	-0.14	-3.56e-004	-6.74e-002	-5.94e-002	2.25e-002
	609	1.05e-003	-0.14	1.08e-004	-3.44e-002	-0.19	1.55e-002
	610	6.23e-005	-0.14	-1.53e-003	5.78e-003	-0.15	-3.84e-002
	597	6.23e-005	-0.14	-1.99e-003	-0.13	-0.20	-3.13e-002
407	595	-3.46e-004	-0.15	-6.68e-003	-5.82e-002	-0.12	6.33e-002
	608	-3.46e-004	-0.16	2.08e-003	-5.92e-002	-0.23	7.14e-002
	609	1.05e-003	-0.16	5.46e-003	2.90e-003	-0.18	3.77e-002
	596	1.05e-003	-0.15	-3.30e-003	-0.10	-0.23	2.96e-002
408	594	-8.11e-004	-0.16	-3.74e-003	-4.90e-002	-0.20	0.10

	607	-8.11e-004	-0.17	4.93e-003	-2.90e-002	-0.32	8.17e-002
	608	-3.46e-004	-0.17	1.79e-003	-1.92e-002	-0.22	6.10e-002
	595	-3.46e-004	-0.16	-6.89e-003	-9.27e-002	-0.32	7.44e-002
409	593	-2.12e-006	-0.17	-2.84e-003	-2.54e-002	-0.25	0.13
	606	-2.12e-006	-0.18	-1.48e-003	-2.35e-002	-0.37	0.12
	607	-8.11e-004	-0.18	1.40e-004	8.00e-003	-0.31	9.47e-002
	594	-8.11e-004	-0.17	-1.21e-003	-7.30e-002	-0.39	0.10
410	592	5.44e-004	-0.18	-1.27e-003	-5.30e-003	-0.31	0.16
	605	5.44e-004	-0.20	-3.69e-005	-1.36e-002	-0.42	0.15
	606	-2.12e-006	-0.20	-1.51e-003	1.14e-002	-0.35	0.13
	593	-2.12e-006	-0.18	-2.75e-003	-4.97e-002	-0.43	0.13
411	348	2.25e-003	-0.19	-6.12e-003	1.61e-002	-0.42	0.22
	283	2.25e-003	-0.22	8.81e-004	7.56e-002	-0.59	0.19
	605	5.44e-004	-0.22	3.60e-003	2.20e-002	-0.42	0.14
	592	5.44e-004	-0.19	-3.40e-003	-2.00e-002	-0.51	0.17
412	591	-5.49e-005	-5.47e-002	-1.29e-003	-6.15e-002	-0.32	-0.30
	603	-5.49e-005	-4.63e-002	-2.73e-003	-0.20	-0.58	-0.29
	604	-1.52e-003	-4.63e-002	-6.51e-004	1.49e-002	-0.59	-0.21
	356	-1.52e-003	-5.47e-002	7.90e-004	-0.21	-0.92	-0.23
413	590	1.40e-003	-6.71e-002	-1.26e-003	-7.28e-002	3.33e-002	-0.31
	602	1.40e-003	-6.09e-002	-2.28e-003	-0.20	-0.27	-0.35
	603	-5.49e-005	-6.09e-002	-2.80e-003	-7.45e-002	-0.68	-0.34
	591	-5.49e-005	-6.71e-002	-1.78e-003	-0.37	-0.99	-0.30
414	589	8.76e-006	-7.67e-002	-1.69e-003	-2.53e-002	0.21	-0.23
	601	8.76e-006	-7.38e-002	-7.64e-004	-0.19	-3.85e-002	-0.28
	602	1.40e-003	-7.38e-002	-4.60e-004	-7.95e-002	-0.35	-0.32
	590	1.40e-003	-7.67e-002	-1.38e-003	-0.34	-0.56	-0.28
415	588	-1.84e-003	-8.86e-002	-4.95e-004	6.89e-003	0.32	-0.16
	600	-1.84e-003	-8.78e-002	-1.49e-004	-0.20	7.27e-002	-0.19
	601	8.76e-006	-8.78e-002	-1.04e-003	-3.65e-002	-0.15	-0.24
	589	8.76e-006	-8.86e-002	-1.39e-003	-0.28	-0.35	-0.21
416	587	-1.12e-004	-0.10	-1.61e-003	-3.72e-002	0.40	-0.12
	599	-1.12e-004	-0.10	-4.35e-003	-0.26	8.34e-002	-0.13
	600	-1.84e-003	-0.10	-3.04e-003	-3.66e-002	-5.96e-002	-0.18
	588	-1.84e-003	-0.10	-2.91e-004	-0.30	-0.34	-0.17
417	586	1.74e-003	-0.12	-1.64e-003	-7.73e-002	0.48	-4.88e-002
	598	1.74e-003	-0.12	-4.51e-003	-0.29	8.88e-002	-7.37e-002
	599	-1.12e-004	-0.12	-4.77e-003	-5.98e-002	-0.12	-0.13
	587	-1.12e-004	-0.12	-1.90e-003	-0.42	-0.46	-0.10
418	585	1.25e-004	-0.13	-3.50e-003	-2.30e-002	0.42	6.25e-002
	597	1.25e-004	-0.13	-3.66e-003	-0.28	2.56e-002	1.45e-002
	598	1.74e-003	-0.13	-2.34e-003	-4.35e-002	-0.16	-5.20e-002
	586	1.74e-003	-0.13	-2.18e-003	-0.46	-0.48	-4.03e-003
419	584	-1.86e-003	-0.14	-2.99e-003	0.10	0.43	0.14
	596	-1.86e-003	-0.14	-3.22e-003	-0.25	1.03e-002	8.30e-002
	597	1.25e-004	-0.14	-3.92e-003	1.90e-002	-0.25	3.16e-002
	585	1.25e-004	-0.14	-3.68e-003	-0.42	-0.62	9.07e-002
420	583	-7.09e-005	-0.15	-4.32e-003	0.15	0.44	0.18
	595	-7.09e-005	-0.15	-7.57e-003	-0.25	-3.98e-002	0.13
	596	-1.86e-003	-0.15	-6.17e-003	7.14e-002	-0.29	0.10
	584	-1.86e-003	-0.15	-2.92e-003	-0.36	-0.74	0.14
421	582	1.81e-003	-0.15	-3.35e-003	0.13	0.37	0.21
	594	1.81e-003	-0.16	-6.75e-003	-0.24	-0.13	0.16
	595	-7.09e-005	-0.16	-7.78e-003	9.34e-002	-0.38	0.14
	583	-7.09e-005	-0.15	-4.38e-003	-0.38	-0.86	0.19
422	581	2.38e-005	-0.16	-4.13e-003	0.18	0.29	0.25
	593	2.38e-005	-0.17	-4.84e-003	-0.21	-0.18	0.19
	594	1.81e-003	-0.17	-4.22e-003	0.10	-0.45	0.17
	582	1.81e-003	-0.16	-3.51e-003	-0.37	-0.89	0.23
423	580	-1.41e-003	-0.17	-3.75e-003	0.22	0.23	0.28

	592	-1.41e-003	-0.18	-4.30e-003	-0.17	-0.24	0.23
	593	2.38e-005	-0.18	-4.75e-003	0.13	-0.48	0.20
	581	2.38e-005	-0.17	-4.20e-003	-0.30	-0.93	0.26
424	282	4.70e-004	-0.17	-3.78e-003	0.17	0.14	0.31
	348	4.70e-004	-0.19	-6.73e-003	-0.14	-0.35	0.28
	592	-1.41e-003	-0.19	-6.43e-003	0.16	-0.56	0.25
	580	-1.41e-003	-0.17	-3.49e-003	-0.28	-1.01	0.28
425	578	2.71e-003	-4.55e-002	-3.58e-003	-0.20	-0.35	-0.45
	591	2.71e-003	-5.47e-002	-4.35e-003	-0.16	-0.33	-0.39
	356	1.32e-003	-5.47e-002	-3.79e-005	-0.11	-0.45	-0.35
	579	1.32e-003	-4.55e-002	7.34e-004	-4.41e-002	-0.47	-0.41
426	577	-6.23e-004	-5.70e-002	-6.16e-003	-0.14	-0.30	-0.33
	590	-6.23e-004	-6.71e-002	-4.23e-003	-0.26	-0.47	-0.33
	591	2.71e-003	-6.71e-002	-4.92e-003	-0.24	-0.33	-0.42
	578	2.71e-003	-5.70e-002	-6.85e-003	-0.16	-0.38	-0.41
427	576	-8.58e-004	-7.12e-002	-4.84e-003	-0.12	-0.11	-0.25
	589	-8.58e-004	-7.67e-002	-2.91e-003	-0.21	-0.30	-0.26
	590	-6.23e-004	-7.67e-002	-3.83e-003	-0.14	-0.10	-0.30
	577	-6.23e-004	-7.12e-002	-5.76e-003	-0.23	-0.23	-0.29
428	575	-3.53e-004	-8.71e-002	-3.06e-003	-0.15	1.78e-002	-0.24
	588	-3.53e-004	-8.86e-002	-2.16e-003	-0.15	-3.42e-002	-0.24
	589	-8.58e-004	-8.86e-002	-2.75e-003	-0.11	2.01e-003	-0.23
	576	-8.58e-004	-8.71e-002	-3.65e-003	-0.20	-6.27e-002	-0.23
429	574	1.33e-004	-0.10	-2.53e-003	-0.23	-8.87e-003	-0.27
	587	1.33e-004	-0.10	-2.42e-003	-0.13	6.12e-002	-0.25
	588	-3.53e-004	-0.10	-2.32e-003	-0.15	-8.39e-003	-0.23
	575	-3.53e-004	-0.10	-2.43e-003	-0.16	3.67e-002	-0.25
430	573	6.20e-004	-0.12	-3.03e-003	-0.14	-0.17	-0.11
	586	6.20e-004	-0.12	-3.22e-003	-0.26	-0.29	-0.11
	587	1.33e-004	-0.12	-2.72e-003	-0.26	-0.19	-0.24
	574	1.33e-004	-0.12	-2.53e-003	-0.12	-0.13	-0.24
431	572	3.50e-004	-0.13	-4.07e-003	-5.21e-002	-3.36e-002	5.67e-002
	585	3.50e-004	-0.13	-3.81e-003	-0.30	-0.37	4.52e-002
	586	6.20e-004	-0.13	-3.15e-003	-0.17	3.74e-002	-7.13e-002
	573	6.20e-004	-0.13	-3.41e-003	-0.22	-0.15	-5.98e-002
432	571	1.83e-004	-0.14	-4.74e-003	-3.02e-002	0.24	0.11
	584	1.83e-004	-0.14	-4.28e-003	-0.23	-0.12	9.32e-002
	585	3.50e-004	-0.14	-4.02e-003	-7.00e-002	0.39	7.08e-002
	572	3.50e-004	-0.14	-4.49e-003	-0.25	5.68e-002	8.93e-002
433	570	5.47e-005	-0.14	-5.30e-003	-7.24e-002	0.40	7.73e-002
	583	5.47e-005	-0.15	-4.86e-003	-0.15	0.13	7.46e-002
	584	1.83e-004	-0.15	-4.51e-003	-2.20e-002	0.61	0.10
	571	1.83e-004	-0.14	-4.96e-003	-0.21	0.30	0.11
434	569	-2.53e-005	-0.15	-5.21e-003	-3.54e-003	0.41	0.15
	582	-2.53e-005	-0.15	-4.77e-003	-0.20	6.94e-002	0.16
	583	5.47e-005	-0.15	-4.93e-003	-6.80e-002	0.59	8.62e-002
	570	5.47e-005	-0.15	-5.37e-003	-0.13	0.34	8.43e-002
435	568	-9.97e-005	-0.15	-5.07e-003	3.17e-002	0.63	0.23
	581	-9.97e-005	-0.16	-4.56e-003	-0.18	0.22	0.22
	582	-2.53e-005	-0.16	-4.68e-003	-3.67e-003	0.82	0.17
	569	-2.53e-005	-0.15	-5.19e-003	-0.18	0.46	0.18
436	567	-2.02e-004	-0.16	-4.90e-003	2.43e-002	0.84	0.22
	580	-2.02e-004	-0.17	-4.53e-003	-0.13	0.45	0.22
	581	-9.97e-005	-0.17	-4.55e-003	6.22e-002	1.11	0.22
	568	-9.97e-005	-0.16	-4.92e-003	-0.18	0.70	0.23
437	343	-2.67e-004	-0.16	-4.48e-003	-3.84e-002	0.95	0.20
	282	-2.67e-004	-0.17	-4.34e-003	-8.93e-002	0.68	0.21
	580	-2.02e-004	-0.17	-4.52e-003	5.03e-002	1.18	0.23
	567	-2.02e-004	-0.16	-4.66e-003	-0.14	0.89	0.21
438	566	1.92e-003	-2.88e-002	-1.26e-002	-0.15	-0.24	-0.49

	578	1.92e-003	-4.55e-002	-5.64e-003	-0.14	-0.33	-0.44
	579	4.34e-003	-4.55e-002	-5.97e-005	-8.25e-002	-0.49	-0.47
	364	4.34e-003	-2.88e-002	-6.98e-003	-4.79e-002	-0.55	-0.52
439	565	-1.96e-003	-4.63e-002	-7.03e-003	-0.15	-0.21	-0.34
	577	-1.96e-003	-5.70e-002	-6.35e-003	-0.17	-0.26	-0.35
	578	1.92e-003	-5.70e-002	-8.91e-003	-0.18	-0.36	-0.43
	566	1.92e-003	-4.63e-002	-9.59e-003	-0.17	-0.31	-0.42
440	564	-1.78e-003	-6.57e-002	-4.86e-003	-0.15	-8.43e-002	-0.27
	576	-1.78e-003	-7.12e-002	-5.19e-003	-0.16	-9.26e-002	-0.27
	577	-1.96e-003	-7.12e-002	-5.96e-003	-0.16	-0.23	-0.31
	565	-1.96e-003	-6.57e-002	-5.62e-003	-0.16	-0.18	-0.31
441	563	-7.23e-004	-8.47e-002	-2.74e-003	-0.15	1.10e-002	-0.24
	575	-7.23e-004	-8.71e-002	-3.05e-003	-0.17	1.86e-002	-0.24
	576	-1.78e-003	-8.71e-002	-4.00e-003	-0.15	-6.59e-002	-0.25
	564	-1.78e-003	-8.47e-002	-3.69e-003	-0.16	-4.40e-002	-0.25
442	562	9.95e-005	-0.10	-1.80e-003	-0.15	3.40e-003	-0.23
	574	9.95e-005	-0.10	-2.13e-003	-0.13	-7.62e-003	-0.24
	575	-7.23e-004	-0.10	-2.42e-003	-0.16	2.68e-002	-0.25
	563	-7.23e-004	-0.10	-2.09e-003	-0.15	2.42e-002	-0.24
443	561	4.72e-004	-0.12	-1.19e-003	-8.78e-002	-6.26e-002	-0.13
	573	4.72e-004	-0.12	-2.00e-003	-0.12	-0.12	-0.14
	574	9.95e-005	-0.12	-2.12e-003	-0.16	-0.10	-0.22
	562	9.95e-005	-0.12	-1.31e-003	-8.79e-002	-5.43e-002	-0.21
444	560	4.86e-004	-0.13	-8.41e-004	-6.95e-002	4.19e-002	-8.89e-004
	572	4.86e-004	-0.13	-2.41e-003	-0.12	2.25e-002	-3.89e-003
	573	4.72e-004	-0.13	-2.39e-003	-0.12	-0.13	-8.11e-002
	561	4.72e-004	-0.13	-8.23e-004	-7.87e-002	-4.86e-002	-7.81e-002
445	559	3.40e-004	-0.14	-7.95e-004	-8.71e-002	0.24	5.50e-002
	571	3.40e-004	-0.14	-2.96e-003	-0.11	0.27	5.51e-002
	572	4.86e-004	-0.14	-2.82e-003	-0.11	4.42e-002	3.10e-002
	560	4.86e-004	-0.14	-6.62e-004	-9.19e-002	0.11	3.09e-002
446	558	9.94e-005	-0.14	-7.33e-004	-0.10	0.39	5.48e-002
	570	9.94e-005	-0.14	-3.17e-003	-6.94e-002	0.42	4.35e-002
	571	3.40e-004	-0.14	-3.17e-003	-0.11	0.27	4.94e-002
	559	3.40e-004	-0.14	-7.36e-004	-9.17e-002	0.29	6.07e-002
447	557	-1.20e-004	-0.14	-7.33e-004	-6.36e-002	0.47	0.10
	569	-1.20e-004	-0.15	-3.26e-003	-6.19e-002	0.47	9.17e-002
	570	9.94e-005	-0.15	-3.24e-003	-0.11	0.32	5.23e-002
	558	9.94e-005	-0.14	-7.10e-004	-5.05e-002	0.38	6.42e-002
448	556	-1.64e-004	-0.15	-6.49e-004	-6.90e-002	0.64	0.15
	568	-1.64e-004	-0.15	-3.18e-003	-6.44e-002	0.67	0.15
	569	-1.20e-004	-0.15	-3.24e-003	-7.40e-002	0.45	0.12
	557	-1.20e-004	-0.15	-7.10e-004	-5.64e-002	0.51	0.12
449	555	-2.76e-004	-0.15	-4.48e-004	-9.23e-002	0.84	0.16
	567	-2.76e-004	-0.16	-2.90e-003	-6.11e-002	0.87	0.16
	568	-1.64e-004	-0.16	-3.03e-003	-7.56e-002	0.67	0.16
	556	-1.64e-004	-0.15	-5.79e-004	-7.49e-002	0.71	0.16
450	290	-5.39e-004	-0.15	-2.10e-004	-0.10	0.97	0.17
	343	-5.39e-004	-0.16	-2.51e-003	-4.60e-002	0.98	0.16
	567	-2.76e-004	-0.16	-2.66e-003	-8.37e-002	0.85	0.15
	555	-2.76e-004	-0.15	-3.61e-004	-7.94e-002	0.88	0.16
451	553	2.63e-003	-1.14e-002	-3.79e-003	-0.15	-0.27	-0.46
	566	2.63e-003	-2.88e-002	-1.15e-002	-0.15	-0.19	-0.47
	364	2.91e-002	-2.88e-002	-8.72e-003	-0.17	-0.51	-0.69
	554	2.91e-002	-1.14e-002	-1.02e-003	-0.16	-0.13	-0.68
452	552	-3.19e-003	-3.76e-002	-3.39e-003	-0.12	-0.16	-0.33
	565	-3.19e-003	-4.63e-002	-5.99e-003	-0.15	-0.19	-0.34
	566	2.63e-003	-4.63e-002	-8.52e-003	-0.12	-0.28	-0.43
	553	2.63e-003	-3.76e-002	-5.92e-003	-0.17	-0.19	-0.42
453	551	-3.00e-003	-6.17e-002	-2.50e-003	-0.12	-5.30e-002	-0.27

	564	-3.00e-003	-6.57e-002	-4.19e-003	-0.15	-7.54e-002	-0.27
	565	-3.19e-003	-6.57e-002	-4.59e-003	-0.13	-0.16	-0.31
	552	-3.19e-003	-6.17e-002	-2.89e-003	-0.13	-0.12	-0.31
454	550	-1.47e-003	-8.27e-002	-1.12e-003	-0.11	2.50e-002	-0.23
	563	-1.47e-003	-8.47e-002	-2.25e-003	-0.14	1.47e-002	-0.24
	564	-3.00e-003	-8.47e-002	-3.02e-003	-0.14	-3.62e-002	-0.26
	551	-3.00e-003	-8.27e-002	-1.90e-003	-0.13	-2.20e-002	-0.25
455	549	-1.69e-004	-0.10	-3.55e-004	-8.91e-002	4.05e-002	-0.20
	562	-1.69e-004	-0.10	-1.24e-003	-9.21e-002	1.61e-002	-0.22
	563	-1.47e-003	-0.10	-1.60e-003	-0.13	2.23e-002	-0.24
	550	-1.47e-003	-0.10	-7.16e-004	-0.10	2.86e-002	-0.22
456	548	5.39e-004	-0.12	2.31e-004	-3.89e-002	2.92e-002	-0.10
	561	5.39e-004	-0.12	-4.79e-004	-6.20e-002	-2.80e-002	-0.12
	562	-1.69e-004	-0.12	-7.50e-004	-0.10	-3.10e-002	-0.19
	549	-1.69e-004	-0.12	-3.96e-005	-5.18e-002	9.51e-003	-0.17
457	547	6.00e-004	-0.13	5.73e-004	-2.21e-002	0.11	-2.76e-003
	560	6.00e-004	-0.13	2.97e-005	-6.91e-002	6.35e-002	-1.67e-003
	561	5.39e-004	-0.13	-1.09e-004	-5.46e-002	-1.37e-002	-7.02e-002
	548	5.39e-004	-0.13	4.34e-004	-3.35e-002	3.95e-002	-7.13e-002
458	546	3.82e-004	-0.13	7.95e-004	-3.74e-002	0.25	5.17e-002
	559	3.82e-004	-0.14	2.82e-004	-8.14e-002	0.24	6.04e-002
	560	6.00e-004	-0.14	2.08e-004	-5.00e-002	0.13	3.10e-002
	547	6.00e-004	-0.13	7.21e-004	-4.44e-002	0.16	2.22e-002
459	545	8.59e-005	-0.13	9.64e-004	-5.10e-002	0.39	7.10e-002
	558	8.59e-005	-0.14	3.98e-004	-6.05e-002	0.38	6.82e-002
	559	3.82e-004	-0.14	3.42e-004	-6.82e-002	0.30	6.18e-002
	546	3.82e-004	-0.13	9.08e-004	-5.12e-002	0.30	6.46e-002
460	544	-1.62e-004	-0.14	1.06e-003	-4.10e-002	0.50	0.11
	557	-1.62e-004	-0.14	4.45e-004	-5.43e-002	0.48	0.11
	558	8.59e-005	-0.14	4.21e-004	-6.80e-002	0.40	7.75e-002
	545	8.59e-005	-0.14	1.04e-003	-3.70e-002	0.41	8.10e-002
461	543	-2.94e-004	-0.14	1.16e-003	-5.46e-002	0.66	0.14
	556	-2.94e-004	-0.15	5.12e-004	-7.03e-002	0.64	0.15
	557	-1.62e-004	-0.15	4.68e-004	-4.89e-002	0.53	0.13
	544	-1.62e-004	-0.14	1.12e-003	-4.75e-002	0.55	0.12
462	542	-4.57e-004	-0.14	1.31e-003	-8.56e-002	0.83	0.15
	555	-4.57e-004	-0.15	6.73e-004	-8.24e-002	0.83	0.16
	556	-2.94e-004	-0.15	5.83e-004	-6.41e-002	0.72	0.16
	543	-2.94e-004	-0.14	1.22e-003	-7.08e-002	0.72	0.15
463	338	-7.02e-004	-0.14	1.41e-003	-0.11	0.98	0.17
	290	-7.02e-004	-0.15	8.20e-004	-8.41e-002	0.97	0.17
	555	-4.57e-004	-0.15	7.60e-004	-8.75e-002	0.88	0.16
	542	-4.57e-004	-0.14	1.35e-003	-8.85e-002	0.88	0.15
464	540	-7.36e-005	-1.15e-002	1.36e-004	-0.13	-8.26e-002	-0.42
	553	-7.36e-005	-1.14e-002	8.45e-004	-0.15	-0.22	-0.46
	554	3.24e-002	-1.14e-002	4.74e-004	-0.17	-6.23e-002	-0.56
	541	3.24e-002	-1.15e-002	-2.36e-004	-0.24	-6.44e-002	-0.51
465	539	-3.69e-003	-3.78e-002	1.89e-003	-0.10	-9.33e-002	-0.32
	552	-3.69e-003	-3.76e-002	-1.56e-003	-0.12	-0.14	-0.34
	553	-7.36e-005	-3.76e-002	-1.28e-003	-0.10	-0.16	-0.40
	540	-7.36e-005	-3.78e-002	2.17e-003	-0.14	-0.12	-0.38
466	538	-3.51e-003	-6.15e-002	1.32e-003	-8.36e-002	-1.32e-002	-0.27
	551	-3.51e-003	-6.17e-002	-1.03e-003	-0.11	-3.87e-002	-0.27
	552	-3.69e-003	-6.17e-002	-1.06e-003	-0.10	-0.10	-0.31
	539	-3.69e-003	-6.15e-002	1.29e-003	-0.10	-7.19e-002	-0.31
467	537	-1.89e-003	-8.23e-002	8.81e-004	-6.63e-002	5.37e-002	-0.22
	550	-1.89e-003	-8.27e-002	-3.48e-004	-0.10	3.52e-002	-0.23
	551	-3.51e-003	-8.27e-002	-4.39e-004	-0.10	-1.28e-002	-0.25
	538	-3.51e-003	-8.23e-002	7.89e-004	-8.47e-002	8.06e-003	-0.24
468	536	-5.77e-004	-0.10	9.42e-004	-3.73e-002	8.11e-002	-0.16

	549	-5.77e-004	-0.10	2.44e-004	-5.26e-002	5.42e-002	-0.18
	550	-1.89e-003	-0.10	5.83e-005	-8.84e-002	3.70e-002	-0.22
	537	-1.89e-003	-0.10	7.56e-004	-5.56e-002	5.49e-002	-0.20
469	535	1.40e-004	-0.12	1.26e-003	-8.83e-004	0.10	-8.76e-002
	548	1.40e-004	-0.12	7.90e-004	-2.12e-002	5.56e-002	-0.10
	549	-5.77e-004	-0.12	5.59e-004	-5.32e-002	3.24e-002	-0.16
	536	-5.77e-004	-0.12	1.03e-003	-1.42e-002	6.77e-002	-0.14
470	534	3.40e-004	-0.13	1.72e-003	1.21e-002	0.17	-8.46e-003
	547	3.40e-004	-0.13	1.21e-003	-2.16e-002	0.13	-8.87e-003
	548	1.40e-004	-0.13	9.93e-004	-1.51e-002	6.56e-002	-6.29e-002
	535	1.40e-004	-0.13	1.50e-003	4.44e-003	0.11	-6.25e-002
471	533	2.37e-004	-0.13	2.10e-003	6.20e-004	0.28	4.30e-002
	546	2.37e-004	-0.13	1.52e-003	-3.30e-002	0.26	5.05e-002
	547	3.40e-004	-0.13	1.36e-003	-1.12e-002	0.17	1.98e-002
	534	3.40e-004	-0.13	1.94e-003	-3.54e-004	0.20	1.24e-002
472	532	9.17e-006	-0.13	2.35e-003	-1.52e-002	0.40	7.10e-002
	545	9.17e-006	-0.13	1.73e-003	-3.14e-002	0.39	7.46e-002
	546	2.37e-004	-0.13	1.63e-003	-2.71e-002	0.31	6.01e-002
	533	2.37e-004	-0.13	2.25e-003	-9.43e-003	0.32	5.65e-002
473	531	-2.03e-004	-0.13	2.48e-003	-2.37e-002	0.53	0.10
	544	-2.03e-004	-0.14	1.85e-003	-3.68e-002	0.51	0.10
	545	9.17e-006	-0.14	1.81e-003	-3.54e-002	0.42	8.46e-002
	532	9.17e-006	-0.13	2.43e-003	-1.32e-002	0.43	8.03e-002
474	530	-3.48e-004	-0.13	2.54e-003	-4.53e-002	0.67	0.12
	543	-3.48e-004	-0.14	1.94e-003	-5.74e-002	0.67	0.13
	544	-2.03e-004	-0.14	1.91e-003	-3.75e-002	0.56	0.12
	531	-2.03e-004	-0.13	2.51e-003	-3.02e-002	0.57	0.11
475	529	-4.89e-004	-0.13	2.54e-003	-8.05e-002	0.84	0.13
	542	-4.89e-004	-0.14	2.01e-003	-8.02e-002	0.83	0.15
	543	-3.48e-004	-0.14	1.99e-003	-5.94e-002	0.72	0.14
	530	-3.48e-004	-0.13	2.53e-003	-5.72e-002	0.73	0.12
476	335	-6.64e-004	-0.13	2.45e-003	-0.12	9.98e-001	0.14
	338	-6.64e-004	-0.14	2.02e-003	-0.10	0.99	0.16
	542	-4.89e-004	-0.14	2.05e-003	-9.01e-002	0.88	0.15
	529	-4.89e-004	-0.13	2.48e-003	-8.66e-002	0.89	0.13
477	528	3.03e-003	-2.95e-002	1.18e-002	-0.16	-8.42e-002	-0.31
	540	3.03e-003	-1.15e-002	4.29e-003	-0.15	-4.18e-002	-0.42
	541	2.67e-002	-1.15e-002	2.11e-003	-0.24	-4.33e-002	-0.51
	365	2.67e-002	-2.95e-002	9.59e-003	-0.37	0.14	-0.41
478	527	-3.04e-003	-4.59e-002	6.12e-003	-8.45e-002	-5.51e-002	-0.30
	539	-3.04e-003	-3.78e-002	3.76e-003	-8.92e-002	-7.58e-002	-0.33
	540	3.03e-003	-3.78e-002	6.32e-003	-0.11	-0.10	-0.37
	528	3.03e-003	-4.59e-002	8.68e-003	-0.13	-6.63e-002	-0.34
479	526	-3.13e-003	-6.49e-002	4.23e-003	-4.68e-002	3.20e-002	-0.25
	538	-3.13e-003	-6.15e-002	2.74e-003	-7.44e-002	3.90e-003	-0.26
	539	-3.04e-003	-6.15e-002	3.16e-003	-8.22e-002	-5.75e-002	-0.30
	527	-3.04e-003	-6.49e-002	4.65e-003	-6.97e-002	-2.85e-002	-0.29
480	525	-1.82e-003	-8.36e-002	2.53e-003	-1.45e-002	9.02e-002	-0.19
	537	-1.82e-003	-8.23e-002	1.58e-003	-4.88e-002	6.77e-002	-0.21
	538	-3.13e-003	-8.23e-002	2.21e-003	-6.38e-002	2.02e-002	-0.24
	526	-3.13e-003	-8.36e-002	3.16e-003	-4.02e-002	4.61e-002	-0.23
481	524	-6.87e-004	-0.10	1.98e-003	1.59e-002	0.12	-0.14
	536	-6.87e-004	-0.10	1.35e-003	-9.87e-003	0.10	-0.16
	537	-1.82e-003	-0.10	1.45e-003	-3.87e-002	6.80e-002	-0.19
	525	-1.82e-003	-0.10	2.08e-003	-3.92e-003	9.19e-002	-0.17
482	523	-2.43e-005	-0.12	1.84e-003	3.88e-002	0.15	-7.63e-002
	535	-2.43e-005	-0.12	1.51e-003	1.60e-002	0.12	-8.73e-002
	536	-6.87e-004	-0.12	1.45e-003	-6.23e-003	8.80e-002	-0.13
	524	-6.87e-004	-0.12	1.77e-003	3.04e-002	0.12	-0.12
483	522	1.39e-004	-0.13	1.95e-003	4.70e-002	0.21	-1.21e-002

	534	1.39e-004	-0.13	1.92e-003	1.79e-002	0.18	-1.28e-002
	535	-2.43e-005	-0.13	1.75e-003	2.08e-002	0.13	-5.56e-002
	523	-2.43e-005	-0.13	1.78e-003	4.23e-002	0.16	-5.50e-002
484	521	6.97e-005	-0.13	2.16e-003	3.45e-002	0.31	3.29e-002
	533	6.97e-005	-0.13	2.28e-003	7.21e-003	0.29	4.04e-002
	534	1.39e-004	-0.13	2.15e-003	2.38e-002	0.22	1.20e-002
	522	1.39e-004	-0.13	2.02e-003	3.88e-002	0.24	4.51e-003
485	520	-8.71e-005	-0.13	2.35e-003	1.53e-002	0.42	6.23e-002
	532	-8.71e-005	-0.13	2.52e-003	-2.72e-003	0.41	7.01e-002
	533	6.97e-005	-0.13	2.44e-003	9.33e-003	0.33	5.34e-002
	521	6.97e-005	-0.13	2.26e-003	2.52e-002	0.34	4.55e-002
486	519	-2.43e-004	-0.12	2.43e-003	-4.08e-003	0.54	8.47e-002
	531	-2.43e-004	-0.13	2.63e-003	-1.83e-002	0.53	9.44e-002
	532	-8.71e-005	-0.13	2.60e-003	-6.09e-003	0.44	8.02e-002
	520	-8.71e-005	-0.12	2.41e-003	1.06e-002	0.45	7.05e-002
487	518	-3.58e-004	-0.12	2.43e-003	-3.15e-002	0.68	0.10
	530	-3.58e-004	-0.13	2.65e-003	-4.37e-002	0.68	0.11
	531	-2.43e-004	-0.13	2.66e-003	-2.17e-002	0.58	0.10
	519	-2.43e-004	-0.12	2.45e-003	-1.27e-002	0.58	8.98e-002
488	517	-4.50e-004	-0.12	2.35e-003	-7.07e-002	0.84	0.10
	529	-4.50e-004	-0.13	2.58e-003	-7.47e-002	0.84	0.12
	530	-3.58e-004	-0.13	2.63e-003	-4.95e-002	0.73	0.12
	518	-3.58e-004	-0.12	2.40e-003	-4.30e-002	0.73	0.10
489	291	-5.45e-004	-0.12	2.17e-003	-0.12	1.01	0.11
	335	-5.45e-004	-0.13	2.42e-003	-0.11	1.00	0.13
	529	-4.50e-004	-0.13	2.52e-003	-8.71e-002	0.89	0.13
	517	-4.50e-004	-0.12	2.27e-003	-8.03e-002	0.90	0.10
490	515	2.17e-003	-4.42e-002	5.24e-003	-0.16	-4.63e-002	-0.27
	528	2.17e-003	-2.95e-002	1.26e-002	-0.14	-0.11	-0.31
	365	3.54e-003	-2.95e-002	7.16e-003	-0.21	0.17	-0.24
	516	3.54e-003	-4.42e-002	-1.75e-004	-0.20	2.16e-002	-0.20
491	514	-1.80e-003	-5.55e-002	6.34e-003	-7.37e-002	4.70e-003	-0.27
	527	-1.80e-003	-4.59e-002	7.07e-003	-7.51e-002	-4.16e-002	-0.30
	528	2.17e-003	-4.59e-002	9.47e-003	-0.12	-6.23e-002	-0.31
	515	2.17e-003	-5.55e-002	8.74e-003	-0.11	-0.10	-0.28
492	513	-1.92e-003	-6.99e-002	5.28e-003	3.71e-003	0.10	-0.22
	526	-1.92e-003	-6.49e-002	4.83e-003	-3.85e-002	5.22e-002	-0.24
	527	-1.80e-003	-6.49e-002	5.60e-003	-6.11e-002	-1.91e-002	-0.28
	514	-1.80e-003	-6.99e-002	6.05e-003	-5.26e-002	-1.70e-002	-0.25
493	512	-1.15e-003	-8.58e-002	3.08e-003	4.77e-002	0.14	-0.17
	525	-1.15e-003	-8.36e-002	2.84e-003	2.34e-003	0.11	-0.18
	526	-1.92e-003	-8.36e-002	3.77e-003	-1.48e-002	5.85e-002	-0.22
	513	-1.92e-003	-8.58e-002	4.00e-003	7.25e-003	6.54e-002	-0.20
494	511	-5.27e-004	-0.10	1.91e-003	7.32e-002	0.16	-0.12
	524	-5.27e-004	-0.10	2.08e-003	3.99e-002	0.13	-0.13
	525	-1.15e-003	-0.10	2.38e-003	1.86e-002	0.11	-0.16
	512	-1.15e-003	-0.10	2.21e-003	5.22e-002	0.12	-0.15
495	510	-2.09e-004	-0.12	1.47e-003	7.92e-002	0.20	-7.26e-002
	523	-2.09e-004	-0.12	1.79e-003	5.49e-002	0.17	-7.62e-002
	524	-5.27e-004	-0.12	1.88e-003	4.68e-002	0.13	-0.11
	511	-5.27e-004	-0.12	1.56e-003	7.62e-002	0.14	-0.11
496	509	-3.64e-005	-0.13	1.52e-003	8.05e-002	0.24	-1.50e-002
	522	-3.64e-005	-0.13	1.78e-003	5.78e-002	0.23	-1.64e-002
	523	-2.09e-004	-0.13	1.73e-003	5.80e-002	0.18	-5.06e-002
	510	-2.09e-004	-0.13	1.47e-003	7.60e-002	0.21	-4.92e-002
497	508	-2.05e-005	-0.12	1.64e-003	6.53e-002	0.34	2.24e-002
	521	-2.05e-005	-0.13	1.93e-003	4.13e-002	0.32	2.95e-002
	522	-3.64e-005	-0.13	1.85e-003	5.93e-002	0.25	3.81e-003
	509	-3.64e-005	-0.12	1.57e-003	6.93e-002	0.26	-3.29e-003
498	507	-1.00e-004	-0.12	1.63e-003	4.25e-002	0.44	5.17e-002

	520	-1.00e-004	-0.13	2.05e-003	2.38e-002	0.43	5.89e-002
	521	-2.05e-005	-0.13	2.03e-003	4.16e-002	0.35	4.25e-002
	508	-2.05e-005	-0.12	1.61e-003	4.70e-002	0.35	3.53e-002
499	506	-1.87e-004	-0.12	1.52e-003	1.65e-002	0.56	6.96e-002
	519	-1.87e-004	-0.12	2.08e-003	6.45e-004	0.55	7.88e-002
	520	-1.00e-004	-0.12	2.11e-003	1.98e-002	0.46	6.79e-002
	507	-1.00e-004	-0.12	1.55e-003	2.59e-002	0.46	5.87e-002
500	505	-2.46e-004	-0.12	1.32e-003	-1.40e-002	0.69	7.92e-002
	518	-2.46e-004	-0.12	2.03e-003	-2.76e-002	0.69	9.03e-002
	519	-1.87e-004	-0.12	2.09e-003	-5.45e-003	0.59	8.57e-002
	506	-1.87e-004	-0.12	1.39e-003	-1.87e-003	0.59	7.46e-002
501	504	-2.83e-004	-0.11	1.04e-003	-5.43e-002	0.85	7.85e-002
	517	-2.83e-004	-0.12	1.89e-003	-6.36e-002	0.84	9.35e-002
	518	-2.46e-004	-0.12	2.00e-003	-3.81e-002	0.73	9.38e-002
	505	-2.46e-004	-0.11	1.14e-003	-3.33e-002	0.73	7.88e-002
502	330	-3.11e-004	-0.11	6.94e-004	-0.10	1.01	7.82e-002
	291	-3.11e-004	-0.12	1.68e-003	-0.11	1.01	0.10
	517	-2.83e-004	-0.12	1.81e-003	-8.17e-002	0.90	0.10
	504	-2.83e-004	-0.11	8.30e-004	-7.25e-002	0.90	7.79e-002
503	503	2.97e-003	-5.09e-002	3.94e-003	-0.29	-8.71e-002	-0.25
	515	2.97e-003	-4.42e-002	3.16e-003	-0.15	-6.23e-002	-0.28
	516	1.14e-003	-4.42e-002	-1.02e-003	-0.21	-2.08e-002	-0.19
	361	1.14e-003	-5.09e-002	-2.45e-004	-0.29	-0.10	-0.17
504	502	-5.56e-004	-6.41e-002	4.08e-003	-0.15	-0.24	-0.23
	514	-5.56e-004	-5.55e-002	6.26e-003	-7.79e-003	-2.77e-003	-0.30
	515	2.97e-003	-5.55e-002	6.66e-003	-0.21	-9.20e-002	-0.29
	503	2.97e-003	-6.41e-002	4.48e-003	-0.15	0.13	-0.22
505	501	-1.01e-003	-7.48e-002	2.92e-003	1.22e-002	-0.13	-0.19
	513	-1.01e-003	-6.99e-002	5.06e-003	7.20e-002	9.34e-002	-0.24
	514	-5.56e-004	-6.99e-002	5.97e-003	-0.11	1.59e-002	-0.28
	502	-5.56e-004	-7.48e-002	3.83e-003	6.04e-002	0.29	-0.23
506	500	-6.53e-004	-8.77e-002	1.86e-003	0.10	4.52e-002	-0.16
	512	-6.53e-004	-8.58e-002	2.93e-003	9.44e-002	0.14	-0.17
	513	-1.01e-003	-8.58e-002	3.79e-003	5.60e-003	9.37e-002	-0.22
	501	-1.01e-003	-8.77e-002	2.72e-003	0.14	0.25	-0.20
507	499	-2.89e-004	-0.10	1.29e-003	0.13	0.18	-0.11
	511	-2.89e-004	-0.10	1.65e-003	9.21e-002	0.17	-0.11
	512	-6.53e-004	-0.10	2.07e-003	7.38e-002	0.14	-0.15
	500	-6.53e-004	-0.10	1.71e-003	0.14	0.18	-0.15
508	498	1.08e-004	-0.12	9.30e-004	0.14	0.25	-7.80e-002
	510	1.08e-004	-0.12	1.11e-003	9.18e-002	0.22	-8.11e-002
	511	-2.89e-004	-0.12	1.30e-003	0.11	0.15	-0.10
	499	-2.89e-004	-0.12	1.11e-003	0.12	0.14	-0.10
509	497	-2.49e-005	-0.12	3.74e-004	8.25e-002	0.17	-4.68e-002
	509	-2.49e-005	-0.13	1.06e-003	0.11	0.24	-3.69e-002
	510	1.08e-004	-0.13	1.12e-003	7.99e-002	0.23	-5.04e-002
	498	1.08e-004	-0.12	4.30e-004	0.15	0.31	-6.04e-002
510	496	-3.92e-005	-0.12	1.51e-004	6.55e-002	0.27	-7.98e-003
	508	-3.92e-005	-0.12	1.02e-003	8.95e-002	0.34	1.95e-003
	509	-2.49e-005	-0.12	1.10e-003	6.32e-002	0.28	-2.19e-002
	497	-2.49e-005	-0.12	2.32e-004	0.12	0.38	-3.18e-002
511	495	-7.22e-005	-0.12	4.20e-006	3.59e-002	0.36	1.98e-002
	507	-7.22e-005	-0.12	9.02e-004	6.62e-002	0.44	3.20e-002
	508	-3.92e-005	-0.12	9.89e-004	4.48e-002	0.37	1.52e-002
	496	-3.92e-005	-0.12	9.07e-005	0.10	0.47	2.92e-003
512	494	-1.14e-004	-0.11	-2.10e-004	1.04e-002	0.49	3.85e-002
	506	-1.14e-004	-0.12	6.81e-004	3.36e-002	0.56	5.11e-002
	507	-7.22e-005	-0.12	8.20e-004	2.11e-002	0.47	3.87e-002
	495	-7.22e-005	-0.11	-7.08e-005	6.22e-002	0.55	2.60e-002
513	493	-1.40e-004	-0.11	-4.79e-004	-2.07e-002	0.63	4.92e-002

	505	-1.40e-004	-0.12	3.64e-004	-1.26e-003	0.69	6.32e-002
	506	-1.14e-004	-0.12	5.48e-004	-5.98e-003	0.60	5.57e-002
	494	-1.14e-004	-0.11	-2.95e-004	2.75e-002	0.66	4.17e-002
514	492	-1.59e-004	-0.11	-7.52e-004	-4.60e-002	0.82	5.11e-002
	504	-1.59e-004	-0.11	3.32e-006	-4.63e-002	0.84	6.52e-002
	505	-1.40e-004	-0.11	1.87e-004	-3.26e-002	0.73	6.21e-002
	493	-1.40e-004	-0.11	-5.69e-004	-1.62e-002	0.76	4.81e-002
515	287	-1.89e-004	-0.10	-1.02e-003	-8.00e-002	1.01	4.92e-002
	330	-1.89e-004	-0.11	-4.09e-004	-0.10	1.01	6.62e-002
	504	-1.59e-004	-0.11	-2.07e-004	-6.90e-002	0.90	6.49e-002
	492	-1.59e-004	-0.10	-8.15e-004	-5.61e-002	0.90	4.79e-002
516	489	-4.78e-005	-4.70e-002	1.05e-003	-2.67e-002	-0.51	-0.19
	503	-4.78e-005	-5.09e-002	8.77e-004	-0.21	-0.26	-0.21
	361	-1.44e-005	-5.09e-002	3.37e-004	-0.30	-0.74	-0.25
	491	-1.44e-005	-4.70e-002	5.08e-004	2.92e-002	-0.40	-0.23
517	487	-1.94e-005	-6.27e-002	8.17e-004	-7.11e-002	-0.33	-0.14
	502	-1.94e-005	-6.41e-002	1.79e-003	-4.26e-002	7.21e-003	-0.16
	503	-4.78e-005	-6.41e-002	1.58e-003	-0.21	-0.84	-0.18
	489	-4.78e-005	-6.27e-002	6.06e-004	5.85e-002	-0.45	-0.16
518	485	3.44e-005	-7.81e-002	3.11e-004	-5.41e-002	-8.67e-002	-0.14
	501	3.44e-005	-7.48e-002	1.51e-003	8.56e-002	0.20	-0.16
	502	-1.94e-005	-7.48e-002	1.86e-003	-2.03e-002	-0.49	-0.15
	487	-1.94e-005	-7.81e-002	6.55e-004	1.34e-002	-0.23	-0.13
519	483	1.77e-004	-9.35e-002	1.79e-004	-8.15e-003	2.19e-002	-0.15
	500	1.77e-004	-8.77e-002	8.86e-004	0.13	0.25	-0.16
	501	3.44e-005	-8.77e-002	1.12e-003	7.32e-002	-0.28	-0.16
	485	3.44e-005	-9.35e-002	4.09e-004	4.02e-002	-3.59e-002	-0.16
520	481	6.83e-005	-0.11	-3.45e-004	2.73e-002	5.76e-002	-0.13
	499	6.83e-005	-0.10	2.34e-004	0.13	0.24	-0.13
	500	1.77e-004	-0.10	5.47e-004	0.11	-0.18	-0.15
	483	1.77e-004	-0.11	-3.23e-005	6.98e-002	4.90e-002	-0.16
521	479	3.43e-004	-0.13	-7.88e-004	3.41e-002	8.39e-002	-8.51e-002
	498	3.43e-004	-0.12	-2.64e-004	0.14	0.19	-7.40e-002
	499	6.83e-005	-0.12	5.31e-005	0.11	-0.13	-0.12
	481	6.83e-005	-0.13	-4.70e-004	8.75e-002	7.61e-002	-0.13
522	477	6.82e-005	-0.13	-1.53e-003	6.77e-002	0.11	-3.43e-002
	497	6.82e-005	-0.12	-2.35e-004	9.30e-002	5.92e-002	-2.48e-002
	498	3.43e-004	-0.12	1.16e-004	0.13	5.61e-002	-7.20e-002
	479	3.43e-004	-0.13	-1.18e-003	5.39e-002	0.10	-8.15e-002
523	475	2.87e-004	-0.13	-1.95e-003	5.74e-002	0.16	-2.82e-003
	496	2.87e-004	-0.12	-4.27e-004	7.43e-002	7.29e-002	7.03e-003
	497	6.82e-005	-0.12	-2.58e-004	0.10	0.15	-2.04e-002
	477	6.82e-005	-0.13	-1.78e-003	5.07e-002	0.12	-3.03e-002
524	473	1.34e-004	-0.13	-2.78e-003	4.43e-002	0.20	2.13e-002
	495	1.34e-004	-0.12	-6.85e-004	4.50e-002	0.10	3.46e-002
	496	2.87e-004	-0.12	-4.41e-004	8.09e-002	0.22	1.38e-002
	475	2.87e-004	-0.13	-2.54e-003	3.47e-002	0.17	5.15e-004
525	471	3.77e-004	-0.13	-3.25e-003	2.73e-002	0.26	3.78e-002
	494	3.77e-004	-0.11	-9.78e-004	1.48e-002	0.14	5.10e-002
	495	1.34e-004	-0.11	-7.60e-004	5.39e-002	0.30	3.71e-002
	473	1.34e-004	-0.13	-3.04e-003	1.42e-002	0.22	2.39e-002
526	469	2.45e-004	-0.13	-4.14e-003	1.01e-002	0.32	4.55e-002
	493	2.45e-004	-0.11	-1.30e-003	-2.09e-002	0.18	5.92e-002
	494	3.77e-004	-0.11	-1.03e-003	2.67e-002	0.39	5.22e-002
	471	3.77e-004	-0.13	-3.87e-003	-1.04e-002	0.27	3.85e-002
527	467	3.04e-004	-0.14	-4.74e-003	-1.18e-002	0.38	4.34e-002
	492	3.04e-004	-0.11	-1.79e-003	-5.46e-002	0.22	5.61e-002
	493	2.45e-004	-0.11	-1.44e-003	-5.07e-003	0.49	5.70e-002
	469	2.45e-004	-0.14	-4.39e-003	-3.61e-002	0.33	4.43e-002
528	325	9.33e-005	-0.14	-5.20e-003	-3.92e-002	0.44	2.67e-002

	287	9.33e-005	-0.10	-1.92e-003	-0.10	0.27	4.39e-002
	492	3.04e-004	-0.10	-1.88e-003	-3.59e-002	0.58	5.53e-002
	467	3.04e-004	-0.14	-5.16e-003	-6.70e-002	0.39	3.81e-002
529	490	-3.44e-004	-4.53e-002	7.30e-004	1.53e-002	-0.41	-0.12
	489	-3.44e-004	-4.70e-002	-2.73e-006	1.23e-003	-0.50	-0.15
	491	-2.11e-004	-4.70e-002	2.29e-004	-3.59e-002	-0.36	-0.18
	360	-2.11e-004	-4.53e-002	9.62e-004	-1.31e-003	-0.37	-0.15
530	488	-6.55e-005	-6.25e-002	9.39e-004	1.24e-002	-0.30	-9.07e-002
	487	-6.55e-005	-6.27e-002	-4.59e-004	-1.48e-002	-0.35	-7.87e-002
	489	-3.44e-004	-6.27e-002	-4.45e-004	1.72e-002	-0.40	-0.10
	490	-3.44e-004	-6.25e-002	9.53e-004	4.14e-003	-0.40	-0.12
531	486	5.90e-004	-8.02e-002	1.04e-003	-1.10e-003	-0.10	-0.10
	485	5.90e-004	-7.81e-002	-7.37e-004	-7.98e-003	-0.13	-8.81e-002
	487	-6.55e-005	-7.81e-002	-6.21e-004	1.10e-002	-0.20	-7.89e-002
	488	-6.55e-005	-8.02e-002	1.16e-003	-3.64e-003	-0.24	-8.72e-002
532	484	-2.11e-005	-0.10	6.96e-004	-1.50e-003	2.65e-002	-0.10
	483	-2.11e-005	-9.35e-002	-4.99e-004	1.78e-002	-1.06e-003	-0.11
	485	5.90e-004	-9.35e-002	-6.39e-004	6.95e-003	-2.33e-002	-0.10
	486	5.90e-004	-0.10	5.56e-004	-8.24e-004	-6.73e-002	-0.10
533	482	1.00e-003	-0.12	1.29e-003	5.78e-003	8.92e-002	-0.10
	481	1.00e-003	-0.11	-9.44e-004	3.92e-002	5.06e-002	-0.10
	483	-2.11e-005	-0.11	-7.11e-004	2.55e-002	6.05e-002	-0.11
	484	-2.11e-005	-0.12	1.53e-003	3.96e-003	3.95e-002	-0.10
534	480	1.27e-004	-0.13	3.42e-004	9.67e-003	0.12	-7.44e-002
	479	1.27e-004	-0.13	-1.02e-003	4.75e-002	8.79e-002	-7.67e-002
	481	1.00e-003	-0.13	-1.07e-003	4.41e-002	9.00e-002	-0.10
	482	1.00e-003	-0.13	2.95e-004	8.36e-003	9.44e-002	-9.35e-002
535	478	1.06e-003	-0.14	5.71e-004	9.79e-003	0.15	-4.78e-002
	477	1.06e-003	-0.13	-1.48e-003	4.61e-002	0.12	-4.55e-002
	479	1.27e-004	-0.13	-1.42e-003	4.97e-002	0.11	-6.77e-002
	480	1.27e-004	-0.14	6.32e-004	1.07e-002	0.13	-7.00e-002
536	476	-1.79e-004	-0.15	-7.16e-004	7.53e-003	0.18	-2.25e-002
	475	-1.79e-004	-0.13	-1.92e-003	3.61e-002	0.17	-1.56e-002
	477	1.06e-003	-0.13	-1.72e-003	4.60e-002	0.13	-3.63e-002
	478	1.06e-003	-0.15	-5.24e-004	1.11e-002	0.16	-4.31e-002
537	474	1.19e-003	-0.15	4.63e-004	4.55e-003	0.22	-3.04e-003
	473	1.19e-003	-0.13	-2.66e-003	2.40e-002	0.22	5.07e-003
	475	-1.79e-004	-0.13	-2.51e-003	3.58e-002	0.16	-9.93e-003
	476	-1.79e-004	-0.15	6.19e-004	8.81e-003	0.19	-1.80e-002
538	472	-1.70e-004	-0.15	-7.50e-004	1.20e-003	0.26	8.08e-003
	471	-1.70e-004	-0.13	-3.05e-003	9.93e-003	0.27	1.75e-002
	473	1.19e-003	-0.13	-2.92e-003	2.34e-002	0.21	9.20e-003
	474	1.19e-003	-0.15	-6.16e-004	6.44e-003	0.23	-2.44e-004
539	470	1.49e-003	-0.16	6.10e-004	-2.58e-003	0.31	9.91e-003
	469	1.49e-003	-0.13	-3.80e-003	-5.94e-003	0.33	2.05e-002
	471	-1.70e-004	-0.13	-3.66e-003	8.91e-003	0.26	1.98e-002
	472	-1.70e-004	-0.16	7.46e-004	3.63e-003	0.28	9.12e-003
540	468	-1.10e-004	-0.16	-9.68e-004	-6.93e-003	0.36	4.03e-004
	467	-1.10e-004	-0.14	-4.35e-003	-2.51e-002	0.39	1.28e-002
	469	1.49e-003	-0.14	-4.05e-003	-7.47e-003	0.32	2.11e-002
	470	1.49e-003	-0.16	-6.74e-004	-3.93e-005	0.33	8.71e-003
541	286	6.39e-004	-0.17	3.08e-004	-1.43e-002	0.41	-2.24e-002
	325	6.39e-004	-0.14	-4.61e-003	-4.61e-002	0.45	-8.18e-003
	467	-1.10e-004	-0.14	-4.77e-003	-2.75e-002	0.37	1.05e-002
	468	-1.10e-004	-0.17	1.46e-004	-4.75e-003	0.38	-3.74e-003
542	453	-8.13e-005	-4.91e-002	-6.79e-005	8.31e-003	-0.13	-8.42e-002
	466	-8.13e-005	-4.83e-002	-8.63e-004	5.66e-003	-0.11	-8.10e-002
	359	-4.49e-005	-4.83e-002	-9.30e-004	2.08e-003	-7.80e-002	-7.58e-002
	454	-4.49e-005	-4.91e-002	-1.35e-004	1.83e-002	-7.52e-002	-7.90e-002
543	452	-2.97e-005	-6.59e-002	-2.32e-004	1.36e-003	-0.18	-8.58e-002

	465	-2.97e-005	-6.44e-002	-1.08e-003	4.58e-003	-0.16	-8.68e-002
	466	-8.13e-005	-6.44e-002	-9.59e-004	-1.41e-003	-0.13	-8.34e-002
	453	-8.13e-005	-6.59e-002	-1.08e-004	5.36e-003	-0.12	-8.24e-002
544	451	4.86e-004	-8.27e-002	3.02e-005	-7.46e-003	-0.21	-8.92e-002
	464	4.86e-004	-8.02e-002	-1.12e-003	3.06e-003	-0.20	-8.80e-002
	465	-2.97e-005	-8.02e-002	-1.29e-003	-2.24e-003	-0.18	-8.73e-002
	452	-2.97e-005	-8.27e-002	-1.45e-004	1.86e-004	-0.17	-8.85e-002
545	450	-3.67e-005	-0.10	2.71e-005	-1.44e-002	-0.23	-8.34e-002
	463	-3.67e-005	-0.10	-7.53e-004	1.47e-003	-0.23	-8.25e-002
	464	4.86e-004	-0.10	-6.77e-004	-4.17e-003	-0.21	-8.80e-002
	451	4.86e-004	-0.10	1.03e-004	-6.97e-003	-0.20	-8.89e-002
546	449	1.19e-003	-0.12	4.25e-004	-1.47e-003	-0.26	-7.08e-002
	462	1.19e-003	-0.11	-1.40e-003	9.95e-004	-0.25	-7.83e-002
	463	-3.67e-005	-0.11	-1.58e-003	-2.24e-003	-0.24	-8.35e-002
	450	-3.67e-005	-0.12	2.45e-004	-1.32e-002	-0.22	-7.59e-002
547	448	4.42e-004	-0.13	-7.58e-005	1.26e-002	-0.26	-8.63e-002
	461	4.42e-004	-0.13	-5.63e-004	5.25e-003	-0.25	-9.34e-002
	462	1.19e-003	-0.13	-3.03e-004	8.14e-003	-0.26	-8.07e-002
	449	1.19e-003	-0.13	1.84e-004	-4.23e-003	-0.27	-7.36e-002
548	447	1.24e-003	-0.14	-4.17e-004	8.34e-003	-0.15	-0.12
	460	1.24e-003	-0.14	-8.45e-004	3.94e-003	-0.16	-0.12
	461	4.42e-004	-0.14	-6.95e-004	1.44e-002	-0.23	-0.10
	448	4.42e-004	-0.14	-2.66e-004	1.38e-002	-0.27	-0.10
549	446	-2.06e-004	-0.15	-3.61e-004	1.36e-002	4.48e-002	-0.15
	459	-2.06e-004	-0.13	4.90e-004	-2.18e-003	2.49e-002	-0.14
	460	1.24e-003	-0.13	3.36e-004	1.73e-002	-0.10	-0.12
	447	1.24e-003	-0.15	-5.16e-004	1.38e-002	-0.15	-0.13
550	445	1.06e-003	-0.15	4.79e-004	3.95e-002	0.28	-0.18
	458	1.06e-003	-0.13	-6.37e-004	-9.37e-004	0.29	-0.18
	459	-2.06e-004	-0.13	-8.52e-004	2.64e-002	0.10	-0.15
	446	-2.06e-004	-0.15	2.64e-004	1.86e-002	3.66e-002	-0.15
551	444	-3.35e-004	-0.15	1.22e-003	4.43e-002	0.67	-0.26
	457	-3.35e-004	-0.13	6.68e-004	-1.73e-003	0.69	-0.24
	458	1.06e-003	-0.13	4.05e-004	3.38e-002	0.39	-0.19
	445	1.06e-003	-0.15	9.59e-004	5.02e-002	0.31	-0.21
552	443	1.73e-003	-0.15	2.30e-003	-4.53e-002	1.22	-0.32
	456	1.73e-003	-0.13	-7.26e-004	-1.22e-002	1.18	-0.25
	457	-3.35e-004	-0.13	-9.18e-004	1.08e-002	0.84	-0.24
	444	-3.35e-004	-0.15	2.10e-003	6.79e-002	0.77	-0.30
553	442	9.29e-004	-0.16	1.90e-003	-0.20	1.68	-0.15
	455	9.29e-004	-0.14	4.50e-004	-4.79e-002	1.42	-5.69e-002
	456	1.73e-003	-0.14	6.04e-004	-6.56e-002	1.35	-0.22
	443	1.73e-003	-0.16	2.06e-003	-8.31e-004	1.43	-0.31
554	318	1.56e-003	-0.16	-6.61e-004	-5.52e-002	1.06	0.33
	285	1.56e-003	-0.13	-1.34e-003	-6.04e-002	0.80	0.24
	455	9.29e-004	-0.13	-2.33e-004	-0.11	1.39	-2.82e-002
	442	9.29e-004	-0.16	4.50e-004	-0.18	1.69	6.02e-002
555	441	-5.92e-006	-4.97e-002	4.20e-004	2.36e-002	2.93e-002	-9.17e-002
	453	-5.92e-006	-4.91e-002	-3.47e-004	-1.14e-002	-0.12	-6.49e-002
	454	-7.65e-005	-4.91e-002	-3.33e-004	4.74e-002	-7.35e-002	-8.03e-002
	358	-7.65e-005	-4.97e-002	4.33e-004	1.80e-002	-0.20	-0.11
556	440	6.70e-005	-6.75e-002	3.82e-004	-9.04e-003	-5.41e-002	-9.17e-002
	452	6.70e-005	-6.59e-002	-4.62e-004	-1.56e-002	-0.18	-7.39e-002
	453	-5.92e-006	-6.59e-002	-3.87e-004	2.44e-002	-0.13	-6.86e-002
	441	-5.92e-006	-6.75e-002	4.58e-004	-1.37e-002	-0.27	-8.64e-002
557	439	8.18e-005	-8.52e-002	4.74e-004	-2.12e-002	-0.10	-8.92e-002
	451	8.18e-005	-8.27e-002	-2.60e-004	-2.11e-002	-0.21	-7.83e-002
	452	6.70e-005	-8.27e-002	-3.75e-004	8.24e-003	-0.18	-7.75e-002
	440	6.70e-005	-8.52e-002	3.58e-004	-2.90e-002	-0.28	-8.84e-002
558	438	2.61e-004	-0.10	5.64e-004	-2.55e-002	-0.10	-8.20e-002

	450	2.61e-004	-0.10	-1.34e-004	-3.51e-002	-0.23	-6.92e-002
	451	8.18e-005	-0.10	-1.87e-004	-1.78e-004	-0.20	-7.81e-002
	439	8.18e-005	-0.10	5.11e-004	-3.50e-002	-0.31	-9.09e-002
559	437	2.42e-004	-0.12	1.01e-003	-2.90e-002	-0.12	-6.33e-002
	449	2.42e-004	-0.12	3.32e-004	-5.07e-002	-0.26	-5.02e-002
	450	2.61e-004	-0.12	8.41e-005	-1.15e-002	-0.21	-6.52e-002
	438	2.61e-004	-0.12	7.57e-004	-4.22e-002	-0.32	-7.83e-002
560	436	5.86e-004	-0.14	2.10e-003	-6.35e-002	-0.34	-0.10
	448	5.86e-004	-0.13	6.32e-004	-1.13e-002	-0.28	-0.10
	449	2.42e-004	-0.13	9.04e-005	-8.30e-003	-0.28	-5.41e-002
	437	2.42e-004	-0.14	1.56e-003	-6.91e-002	-0.32	-5.28e-002
561	435	2.17e-004	-0.15	2.94e-003	-9.06e-002	-0.44	-0.15
	447	2.17e-004	-0.14	1.02e-003	2.52e-002	-0.18	-0.16
	448	5.86e-004	-0.14	4.42e-004	-3.47e-002	-0.28	-0.11
	436	5.86e-004	-0.15	2.36e-003	-4.83e-002	-0.12	-0.10
562	434	3.29e-004	-0.16	3.47e-003	-8.29e-002	-0.33	-0.15
	446	3.29e-004	-0.15	1.07e-003	4.04e-002	2.46e-002	-0.17
	447	2.17e-004	-0.15	9.23e-004	-5.98e-002	-0.14	-0.17
	435	2.17e-004	-0.16	3.33e-003	-2.31e-002	0.20	-0.15
563	433	1.28e-004	-0.17	3.43e-003	-7.97e-002	-0.11	-0.17
	445	1.28e-004	-0.15	1.77e-003	7.66e-002	0.25	-0.19
	446	3.29e-004	-0.15	1.69e-003	-2.92e-002	4.38e-002	-0.19
	434	3.29e-004	-0.17	3.36e-003	-2.66e-002	0.39	-0.16
564	432	3.59e-004	-0.17	3.12e-003	-1.86e-002	0.23	-0.24
	444	3.59e-004	-0.15	2.28e-003	0.11	0.63	-0.28
	445	1.28e-004	-0.15	2.25e-003	4.04e-002	0.29	-0.22
	433	1.28e-004	-0.17	3.09e-003	-2.93e-002	0.56	-0.18
565	431	3.81e-004	-0.17	2.77e-003	0.14	0.72	-0.30
	443	3.81e-004	-0.15	3.16e-003	0.16	1.24	-0.38
	444	3.59e-004	-0.15	3.16e-003	4.85e-002	0.73	-0.32
	432	3.59e-004	-0.17	2.77e-003	0.10	1.12	-0.24
566	430	4.57e-004	-0.17	4.75e-003	0.56	1.86	-0.17
	442	4.57e-004	-0.16	3.94e-003	-0.10	1.82	-0.21
	443	3.81e-004	-0.16	2.92e-003	2.54e-002	1.45	-0.34
	431	3.81e-004	-0.17	3.73e-003	0.36	1.68	-0.30
567	284	4.33e-004	-0.18	9.94e-003	0.65	1.82	0.33
	318	4.33e-004	-0.16	4.58e-003	-0.34	1.19	0.38
	442	4.57e-004	-0.16	2.49e-003	-0.26	1.93	-3.01e-002
	430	4.57e-004	-0.18	7.85e-003	0.69	2.14	-8.59e-002
568	427	-3.10e-005	-4.74e-002	5.57e-004	-5.58e-002	-1.23e-002	-0.16
	441	-3.10e-005	-4.97e-002	-1.52e-005	5.84e-002	0.18	-0.15
	358	-2.88e-004	-4.97e-002	-3.79e-004	-1.76e-002	-0.19	-0.15
	429	-2.88e-004	-4.74e-002	1.93e-004	5.74e-002	6.23e-003	-0.16
569	425	2.65e-004	-6.42e-002	3.29e-004	-6.32e-002	-4.91e-002	-0.14
	440	2.65e-004	-6.75e-002	-2.21e-004	2.94e-002	0.16	-0.13
	441	-3.10e-005	-6.75e-002	1.51e-005	-5.95e-002	-0.24	-0.14
	427	-3.10e-005	-6.42e-002	5.65e-004	3.42e-002	-2.27e-002	-0.15
570	423	2.70e-005	-8.08e-002	8.06e-005	-6.48e-002	-8.94e-002	-0.13
	439	2.70e-005	-8.52e-002	4.16e-005	2.16e-002	0.12	-0.13
	440	2.65e-004	-8.52e-002	-1.55e-004	-7.62e-002	-0.27	-0.13
	425	2.65e-004	-8.08e-002	-1.16e-004	2.56e-002	-5.94e-002	-0.13
571	421	-5.70e-004	-0.10	-1.01e-004	-8.15e-002	-0.10	-0.14
	438	-5.70e-004	-0.10	-2.71e-004	1.99e-002	0.11	-0.13
	439	2.70e-005	-0.10	-5.29e-006	-8.44e-002	-0.30	-0.13
	423	2.70e-005	-0.10	1.64e-004	2.56e-002	-8.52e-002	-0.13
572	419	-2.73e-004	-0.11	1.52e-003	-0.12	-0.13	-0.15
	437	-2.73e-004	-0.12	4.12e-004	1.14e-002	0.17	-0.14
	438	-5.70e-004	-0.12	-2.62e-004	-0.11	-0.36	-0.12
	421	-5.70e-004	-0.11	8.43e-004	2.06e-002	-7.80e-002	-0.13
573	417	2.85e-004	-0.13	2.18e-003	-0.16	-0.15	-0.17

	436	2.85e-004	-0.14	1.27e-003	4.03e-002	0.32	-0.17
	437	-2.73e-004	-0.14	7.97e-004	-0.17	-0.54	-0.13
	419	-2.73e-004	-0.13	1.70e-003	3.22e-002	-0.12	-0.13
574	415	2.96e-005	-0.14	1.98e-003	-0.18	-0.28	-0.21
	435	2.96e-005	-0.15	2.28e-003	8.06e-002	0.31	-0.23
	436	2.85e-004	-0.15	1.80e-003	-0.21	-0.71	-0.18
	417	2.85e-004	-0.14	1.50e-003	6.66e-002	-0.18	-0.17
575	413	4.17e-005	-0.16	1.92e-003	-0.21	-0.41	-0.23
	434	4.17e-005	-0.16	2.80e-003	0.11	0.28	-0.24
	435	2.96e-005	-0.16	2.63e-003	-0.25	-0.99	-0.22
	415	2.96e-005	-0.16	1.74e-003	0.12	-0.33	-0.21
576	411	9.49e-004	-0.17	1.58e-003	-0.18	-0.53	-0.22
	433	9.49e-004	-0.17	2.40e-003	8.36e-002	0.10	-0.23
	434	4.17e-005	-0.17	2.77e-003	-0.24	-1.09	-0.24
	413	4.17e-005	-0.17	1.94e-003	0.11	-0.44	-0.23
577	409	1.14e-003	-0.18	-9.77e-004	-9.11e-002	-0.57	-0.18
	432	1.14e-003	-0.17	5.14e-004	0.13	-7.07e-002	-0.23
	433	9.49e-004	-0.17	2.19e-003	-0.21	-1.08	-0.25
	411	9.49e-004	-0.18	6.98e-004	0.10	-0.55	-0.21
578	407	8.57e-004	-0.19	-1.09e-003	0.10	-0.55	-0.12
	431	8.57e-004	-0.17	2.71e-003	0.33	-0.17	-0.22
	432	1.14e-003	-0.17	7.31e-004	-5.65e-002	-1.01	-0.26
	409	1.14e-003	-0.19	-3.07e-003	0.17	-0.58	-0.15
579	405	-1.27e-002	-0.21	-4.72e-003	0.22	-0.42	-0.12
	430	-1.27e-002	-0.17	-2.93e-003	0.89	0.32	-0.29
	431	8.57e-004	-0.17	1.69e-003	0.23	-1.15	-0.23
	407	8.57e-004	-0.21	-9.79e-005	0.36	-0.49	-6.18e-002
580	305	-8.29e-003	-0.20	2.84e-002	-5.18e-002	-0.76	-0.41
	284	-8.29e-003	-0.18	1.28e-002	1.06	1.12	-0.37
	430	-1.27e-002	-0.18	-2.49e-003	0.45	-2.07	-0.13
	405	-1.27e-002	-0.20	1.31e-002	0.67	-0.51	-0.16
581	428	-1.69e-004	-4.57e-002	7.79e-004	-4.63e-002	3.68e-002	-0.15
	427	-1.69e-004	-4.74e-002	5.53e-004	-2.01e-002	-3.00e-002	-0.12
	429	1.13e-004	-4.74e-002	-2.35e-004	2.43e-002	3.33e-002	-0.15
	367	1.13e-004	-4.57e-002	-9.92e-006	-6.21e-003	1.33e-002	-0.18
582	426	-1.56e-004	-5.92e-002	2.95e-004	-3.01e-003	-5.40e-002	-8.33e-002
	425	-1.56e-004	-6.42e-002	-9.04e-005	-2.27e-002	-6.11e-002	-0.10
	427	-1.69e-004	-6.42e-002	5.62e-004	-1.59e-002	-2.46e-004	-0.12
	428	-1.69e-004	-5.92e-002	9.47e-004	-6.09e-002	2.55e-002	-0.11
583	424	2.32e-006	-7.57e-002	1.58e-003	3.48e-003	-8.61e-002	-0.10
	423	2.32e-006	-8.08e-002	-1.35e-004	-2.00e-002	-0.11	-0.10
	425	-1.56e-004	-8.08e-002	-5.36e-004	-5.83e-003	-3.92e-002	-0.10
	426	-1.56e-004	-7.57e-002	1.18e-003	-1.32e-002	-6.57e-002	-0.10
584	422	4.64e-004	-9.17e-002	1.06e-003	-4.59e-003	-0.10	-0.11
	421	4.64e-004	-0.10	-5.70e-004	-3.02e-002	-0.13	-0.10
	423	2.32e-006	-0.10	-5.14e-005	-1.17e-002	-6.60e-002	-0.10
	424	2.32e-006	-9.17e-002	1.57e-003	-9.89e-003	-0.10	-0.10
585	420	-1.20e-003	-0.11	5.57e-005	-7.33e-002	-5.93e-002	-0.11
	419	-1.20e-003	-0.11	1.48e-003	-7.14e-002	-0.16	-8.03e-002
	421	4.64e-004	-0.11	3.74e-004	-3.21e-002	-4.87e-002	-0.10
	422	4.64e-004	-0.11	-1.05e-003	-2.56e-002	-0.12	-0.13
586	418	-2.42e-004	-0.12	7.41e-005	-7.66e-003	-0.19	-4.87e-002
	417	-2.42e-004	-0.13	7.95e-004	-6.77e-002	-0.20	-7.75e-002
	419	-1.20e-003	-0.13	1.66e-003	-5.45e-002	-8.24e-002	-8.48e-002
	420	-1.20e-003	-0.12	9.43e-004	-0.10	-7.84e-002	-5.60e-002
587	416	-1.00e-004	-0.14	9.65e-004	6.37e-003	-0.29	-0.10
	415	-1.00e-004	-0.14	2.74e-004	-4.56e-002	-0.34	-0.11
	417	-2.42e-004	-0.14	1.19e-004	-3.53e-002	-0.14	-8.37e-002
	418	-2.42e-004	-0.14	8.09e-004	-2.84e-002	-0.23	-7.45e-002
588	414	-2.63e-004	-0.16	6.28e-004	4.00e-003	-0.41	-0.12

	413	-2.63e-004	-0.16	-3.01e-004	-3.94e-002	-0.47	-0.12
	415	-1.00e-004	-0.16	4.05e-005	-2.55e-002	-0.27	-0.11
	416	-1.00e-004	-0.16	9.70e-004	-1.72e-002	-0.35	-0.11
589	412	3.33e-003	-0.17	1.38e-003	-3.11e-002	-0.46	-0.12
	411	3.33e-003	-0.17	3.14e-004	-3.46e-002	-0.58	-0.11
	413	-2.63e-004	-0.17	-2.77e-004	-2.50e-002	-0.38	-0.12
	414	-2.63e-004	-0.17	7.85e-004	-2.16e-002	-0.47	-0.13
590	410	-1.05e-003	-0.19	-3.47e-003	1.76e-003	-0.52	-4.24e-002
	409	-1.05e-003	-0.18	-2.67e-003	3.19e-002	-0.60	-7.64e-002
	411	3.33e-003	-0.18	-5.64e-004	-1.13e-002	-0.49	-0.11
	412	3.33e-003	-0.19	-1.36e-003	-4.55e-002	-0.52	-7.97e-002
591	408	-1.19e-004	-0.22	2.35e-003	3.50e-002	-0.44	3.52e-002
	407	-1.19e-004	-0.19	-2.89e-003	0.12	-0.58	3.02e-003
	409	-1.05e-003	-0.19	-4.77e-003	6.45e-002	-0.52	-6.32e-002
	410	-1.05e-003	-0.22	4.70e-004	4.68e-003	-0.56	-3.11e-002
592	406	6.95e-003	-0.24	-2.78e-004	0.11	-0.47	9.36e-002
	405	6.95e-003	-0.21	-4.55e-003	0.15	-0.55	6.60e-002
	407	-1.19e-004	-0.21	-1.89e-003	0.18	-0.39	3.34e-002
	408	-1.19e-004	-0.24	2.38e-003	3.12e-003	-0.42	6.10e-002
593	293	-1.94e-002	-0.31	-3.99e-002	0.10	-1.49	-0.13
	305	-1.94e-002	-0.20	1.26e-002	0.34	-1.05	-0.19
	405	6.95e-003	-0.20	1.33e-002	0.26	-0.44	2.96e-002
	406	6.95e-003	-0.31	-3.91e-002	8.62e-003	-0.33	9.49e-002
594	390	-1.74e-004	-4.81e-002	1.72e-003	6.61e-002	0.32	-0.20
	404	-1.74e-004	-5.16e-002	-1.65e-003	8.72e-002	0.27	-0.22
	366	-3.35e-004	-5.16e-002	-2.37e-003	2.55e-002	0.31	-0.22
	392	-3.35e-004	-4.81e-002	9.92e-004	5.94e-002	0.25	-0.19
595	388	2.46e-004	-6.50e-002	9.76e-004	5.22e-002	0.37	-0.18
	403	2.46e-004	-7.11e-002	-2.62e-003	9.82e-003	0.38	-0.15
	404	-1.74e-004	-7.11e-002	-1.88e-003	7.43e-002	0.32	-0.17
	390	-1.74e-004	-6.50e-002	1.72e-003	7.66e-002	0.36	-0.21
596	386	8.16e-006	-8.23e-002	7.56e-004	4.78e-002	0.27	-0.17
	402	8.16e-006	-8.67e-002	-1.23e-003	1.74e-003	0.28	-0.18
	403	2.46e-004	-8.67e-002	-1.56e-003	1.35e-002	0.35	-0.17
	388	2.46e-004	-8.23e-002	4.24e-004	2.98e-002	0.34	-0.16
597	384	-1.16e-004	-0.10	3.74e-004	5.80e-002	0.13	-0.21
	401	-1.16e-004	-0.10	-1.54e-003	1.47e-002	0.15	-0.22
	402	8.16e-006	-0.10	-1.20e-003	1.24e-002	0.23	-0.19
	386	8.16e-006	-0.10	7.12e-004	3.77e-002	0.20	-0.18
598	382	-1.11e-003	-0.12	1.61e-003	6.90e-002	0.11	-0.22
	400	-1.11e-003	-0.12	-1.59e-003	0.11	3.87e-002	-0.25
	401	-1.16e-004	-0.12	-2.33e-003	2.48e-002	0.14	-0.25
	384	-1.16e-004	-0.12	8.65e-004	6.72e-002	6.80e-002	-0.22
599	380	5.23e-004	-0.13	6.66e-005	4.93e-002	0.10	-0.18
	399	5.23e-004	-0.14	-3.75e-003	1.32e-002	0.10	-0.14
	400	-1.11e-003	-0.14	-2.53e-003	9.13e-002	8.29e-002	-0.18
	382	-1.11e-003	-0.13	1.28e-003	8.15e-002	0.15	-0.22
600	378	-2.27e-005	-0.15	-3.71e-004	3.47e-002	-0.12	-0.16
	398	-2.27e-005	-0.15	-1.07e-003	1.67e-003	-0.11	-0.16
	399	5.23e-004	-0.15	-1.68e-003	1.21e-002	3.88e-002	-0.16
	380	5.23e-004	-0.15	-9.82e-004	2.13e-002	4.39e-002	-0.15
601	376	-9.38e-004	-0.17	-8.96e-004	3.70e-002	-0.38	-0.18
	397	-9.38e-004	-0.16	-1.77e-003	9.10e-003	-0.35	-0.19
	398	-2.27e-005	-0.16	-1.11e-003	8.05e-003	-0.20	-0.17
	378	-2.27e-005	-0.17	-2.38e-004	2.05e-002	-0.22	-0.16
602	374	3.31e-003	-0.19	2.26e-003	3.49e-002	-0.46	-0.21
	396	3.31e-003	-0.18	-3.67e-003	6.61e-002	-0.49	-0.23
	397	-9.38e-004	-0.18	-5.19e-003	1.80e-002	-0.40	-0.22
	376	-9.38e-004	-0.19	7.45e-004	3.42e-002	-0.46	-0.20
603	372	-3.27e-004	-0.20	3.19e-003	4.79e-002	-0.39	-0.20

	395	-3.27e-004	-0.20	-9.51e-004	2.86e-003	-0.40	-0.18
	396	3.31e-003	-0.20	-9.68e-004	5.33e-002	-0.44	-0.20
	374	3.31e-003	-0.20	3.18e-003	4.74e-002	-0.43	-0.22
604	370	-3.59e-005	-0.22	2.57e-003	6.63e-002	-0.48	-0.20
	394	-3.59e-005	-0.22	-2.41e-003	1.51e-002	-0.48	-0.21
	395	-3.27e-004	-0.22	-1.49e-003	1.75e-002	-0.43	-0.20
	372	-3.27e-004	-0.22	3.49e-003	2.97e-002	-0.45	-0.18
605	368	4.92e-003	-0.24	3.59e-003	6.20e-002	-0.72	-0.17
	393	4.92e-003	-0.24	-8.18e-004	8.15e-002	-0.80	-0.19
	394	-3.59e-005	-0.24	-2.72e-003	8.31e-003	-0.50	-0.22
	370	-3.59e-005	-0.24	1.68e-003	8.06e-002	-0.54	-0.20
606	298	-8.41e-003	-0.25	-1.01e-002	0.33	-1.33	0.15
	292	-8.41e-003	-0.29	2.95e-002	7.29e-002	-1.97	6.06e-002
	393	4.92e-003	-0.29	2.91e-002	4.39e-002	-0.70	-0.20
	368	4.92e-003	-0.25	-1.05e-002	0.12	-0.95	-0.11
607	391	-4.46e-005	-4.44e-002	2.68e-004	4.37e-002	0.14	-0.23
	390	-4.46e-005	-4.81e-002	1.05e-003	0.14	0.30	-0.24
	392	2.29e-004	-4.81e-002	9.55e-004	5.64e-002	0.25	-0.20
	363	2.29e-004	-4.44e-002	1.74e-004	0.11	0.35	-0.19
608	389	-3.49e-004	-6.03e-002	2.11e-004	0.10	0.29	-0.20
	388	-3.49e-004	-6.50e-002	9.82e-004	7.41e-002	0.38	-0.19
	390	-4.46e-005	-6.50e-002	1.05e-003	1.76e-002	0.38	-0.23
	391	-4.46e-005	-6.03e-002	2.76e-004	0.17	0.53	-0.24
609	387	-8.70e-006	-7.83e-002	5.79e-004	7.00e-002	0.22	-0.19
	386	-8.70e-006	-8.23e-002	6.21e-004	4.64e-002	0.26	-0.17
	388	-3.49e-004	-8.23e-002	4.30e-004	5.64e-002	0.35	-0.18
	389	-3.49e-004	-7.83e-002	3.88e-004	0.11	0.40	-0.20
610	385	2.39e-004	-0.10	4.86e-004	5.28e-002	6.33e-002	-0.21
	384	2.39e-004	-0.10	4.46e-004	7.06e-002	0.12	-0.21
	386	-8.70e-006	-0.10	5.77e-004	5.65e-002	0.20	-0.18
	387	-8.70e-006	-0.10	6.18e-004	6.05e-002	0.21	-0.18
611	383	-3.26e-004	-0.11	2.92e-004	4.59e-002	-5.00e-002	-0.25
	382	-3.26e-004	-0.12	8.79e-004	0.14	0.10	-0.26
	384	2.39e-004	-0.12	9.37e-004	4.92e-002	6.92e-002	-0.22
	385	2.39e-004	-0.11	3.50e-004	0.10	0.17	-0.21
612	381	-6.27e-004	-0.13	-2.18e-004	0.11	5.25e-002	-0.19
	380	-6.27e-004	-0.13	1.06e-004	6.28e-002	0.11	-0.19
	382	-3.26e-004	-0.13	5.56e-004	2.14e-002	0.18	-0.24
	383	-3.26e-004	-0.13	2.32e-004	0.18	0.31	-0.25
613	379	-2.32e-005	-0.15	4.96e-004	6.95e-002	-9.26e-002	-0.17
	378	-2.32e-005	-0.15	-4.45e-004	1.36e-002	-0.12	-0.15
	380	-6.27e-004	-0.15	-9.42e-004	6.77e-002	5.79e-002	-0.17
	381	-6.27e-004	-0.15	-1.22e-006	9.46e-002	5.18e-002	-0.19
614	377	9.51e-004	-0.17	-2.53e-004	-4.03e-003	-0.39	-0.20
	376	9.51e-004	-0.17	-9.77e-004	1.46e-002	-0.39	-0.18
	378	-2.32e-005	-0.17	-3.13e-004	5.21e-002	-0.22	-0.15
	379	-2.32e-005	-0.17	4.11e-004	1.19e-002	-0.26	-0.17
615	375	8.93e-004	-0.19	6.61e-004	-7.81e-002	-0.65	-0.25
	374	8.93e-004	-0.19	1.74e-003	0.10	-0.49	-0.26
	376	9.51e-004	-0.19	6.65e-004	1.25e-002	-0.47	-0.20
	377	9.51e-004	-0.19	-4.12e-004	-2.17e-004	-0.37	-0.20
616	373	8.51e-005	-0.21	2.06e-003	3.07e-002	-0.58	-0.19
	372	8.51e-005	-0.20	3.75e-003	8.04e-002	-0.39	-0.21
	374	8.93e-004	-0.20	2.65e-003	-4.50e-002	-0.40	-0.26
	375	8.93e-004	-0.21	9.63e-004	0.10	-0.16	-0.24
617	371	7.97e-004	-0.23	1.10e-003	0.13	-0.64	-0.16
	370	7.97e-004	-0.22	2.88e-003	0.15	-0.49	-0.20
	372	8.51e-005	-0.22	4.04e-003	3.95e-002	-0.43	-0.21
	373	8.51e-005	-0.23	2.27e-003	0.13	-0.26	-0.18
618	369	-9.59e-003	-0.24	5.17e-003	0.37	-0.66	-8.36e-002

	368	-9.59e-003	-0.24	5.03e-003	0.22	-0.67	-0.15
	370	7.97e-004	-0.24	1.99e-003	0.12	-0.54	-0.21
	371	7.97e-004	-0.24	2.12e-003	0.26	-0.48	-0.14
619	289	-4.85e-003	-0.27	-6.54e-003	0.34	-0.77	3.06e-002
	298	-4.85e-003	-0.25	-2.04e-002	9.03e-002	-1.20	8.99e-002
	368	-9.59e-003	-0.25	-9.06e-003	0.23	-0.89	-7.66e-002
	369	-9.59e-003	-0.27	4.80e-003	0.38	-1.11	-0.14
620	353	-8.95e-004	-0.28	-5.90e-003	-0.38	-2.76	-0.37
	297	-8.95e-004	-0.30	-4.67e-003	-0.20	-2.25	-0.19
	289	2.66e-004	-0.30	-4.33e-003	-0.32	-2.21	-0.35
	355	2.66e-004	-0.28	-5.56e-003	0.42	-1.54	-0.53
621	351	1.01e-003	-0.30	-1.73e-003	-9.62e-003	-4.47	2.74e-002
	295	1.01e-003	-0.34	-2.40e-003	-1.25	-5.02	0.19
	297	-8.95e-004	-0.34	-4.26e-003	-0.52	-3.13	-0.17
	353	-8.95e-004	-0.30	-3.59e-003	-0.11	-3.31	-0.34
622	281	4.73e-003	-0.32	3.96e-003	0.22	-2.61	0.72
	201	4.73e-003	-0.36	5.83e-003	-0.53	-3.38	0.57
	295	1.01e-003	-0.36	1.86e-004	-0.70	-3.55	0.18
	351	1.01e-003	-0.32	-1.68e-003	-0.40	-4.03	0.33
623	354	4.44e-004	-0.24	7.73e-003	-3.88e-002	-2.72	-0.25
	353	4.44e-004	-0.28	-1.13e-003	-1.54e-003	-2.69	-0.36
	355	2.03e-003	-0.28	-4.50e-003	-0.19	-1.53	-0.42
	288	2.03e-003	-0.24	4.36e-003	-0.10	-1.39	-0.31
624	352	-3.01e-004	-0.24	1.54e-003	-6.50e-003	-3.69	6.17e-002
	351	-3.01e-004	-0.30	-1.37e-003	6.19e-002	-4.19	-1.29e-002
	353	4.44e-004	-0.30	1.18e-003	-0.13	-3.33	-0.31
	354	4.44e-004	-0.24	4.09e-003	1.57e-002	-3.31	-0.24
625	200	1.05e-003	-0.26	2.52e-003	0.20	-2.03	0.62
	281	1.05e-003	-0.32	1.02e-003	5.69e-002	-2.41	0.55
	351	-3.01e-004	-0.32	-1.33e-003	1.41e-002	-4.00	0.18
	352	-3.01e-004	-0.26	1.76e-004	-4.08e-004	-3.90	0.26
626	347	-8.80e-004	-0.20	-2.41e-003	-1.62e-002	-0.55	0.28
	350	-8.80e-004	-0.22	6.07e-003	9.14e-003	-0.59	0.32
	283	2.25e-003	-0.22	2.81e-003	0.10	-0.60	0.27
	348	2.25e-003	-0.20	-5.67e-003	-8.14e-003	-0.55	0.23
627	346	-3.29e-004	-0.21	-1.39e-004	-3.73e-002	-0.54	0.34
	349	-3.29e-004	-0.24	-9.65e-004	-1.50e-002	-0.63	0.35
	350	-8.80e-004	-0.24	-1.72e-004	5.21e-003	-0.57	0.30
	347	-8.80e-004	-0.21	6.55e-004	-3.55e-002	-0.59	0.29
628	271	6.50e-004	-0.22	-2.26e-004	-5.25e-002	-0.64	0.38
	195	6.50e-004	-0.26	-1.56e-003	-2.16e-002	-0.73	0.39
	349	-3.29e-004	-0.26	-6.72e-004	6.66e-003	-0.63	0.35
	346	-3.29e-004	-0.22	6.61e-004	-6.60e-002	-0.68	0.35
629	345	2.10e-003	-0.18	-1.96e-003	0.11	3.60e-003	0.36
	347	2.10e-003	-0.20	-4.72e-003	-0.16	-0.48	0.33
	348	4.70e-004	-0.20	-6.28e-003	0.17	-0.61	0.31
	282	4.70e-004	-0.18	-3.52e-003	-0.32	-1.06	0.33
630	344	-1.27e-004	-0.19	-2.19e-003	0.16	-0.10	0.40
	346	-1.27e-004	-0.21	-1.91e-003	-0.21	-0.47	0.36
	347	2.10e-003	-0.21	-1.66e-003	9.20e-002	-0.64	0.36
	345	2.10e-003	-0.19	-1.94e-003	-0.27	-1.00	0.39
631	194	2.82e-003	-0.19	-3.32e-003	-0.11	-0.37	0.41
	271	2.82e-003	-0.22	-1.45e-003	-0.10	-0.60	0.41
	346	-1.27e-004	-0.22	-1.11e-003	-1.47e-002	-0.71	0.39
	344	-1.27e-004	-0.19	-2.97e-003	-0.18	-0.91	0.38
632	342	-3.57e-004	-0.17	-3.59e-003	-1.85e-002	1.02	0.30
	345	-3.57e-004	-0.18	-3.45e-003	-0.14	0.72	0.31
	282	-2.67e-004	-0.18	-4.07e-003	-3.84e-002	1.09	0.23
	343	-2.67e-004	-0.17	-4.21e-003	-0.10	0.90	0.22
633	341	-5.93e-004	-0.17	-2.95e-003	-2.93e-003	1.29	0.36

	344	-5.93e-004	-0.19	-3.01e-003	-0.18	0.98	0.37
	345	-3.57e-004	-0.19	-3.19e-003	-1.46e-002	1.33	0.33
	342	-3.57e-004	-0.17	-3.13e-003	-0.16	1.07	0.33
634	264	-7.29e-004	-0.18	-1.13e-003	-0.10	1.34	0.33
	194	-7.29e-004	-0.19	-1.72e-003	-0.24	1.05	0.37
	344	-5.93e-004	-0.19	-2.81e-003	1.88e-002	1.73	0.37
	341	-5.93e-004	-0.18	-2.22e-003	-0.19	1.43	0.33
635	340	-6.81e-004	-0.16	-7.88e-006	-0.10	1.07	0.23
	342	-6.81e-004	-0.17	-2.10e-003	-7.70e-002	1.07	0.24
	343	-5.39e-004	-0.17	-2.24e-003	-8.84e-002	0.90	0.19
	290	-5.39e-004	-0.16	-1.51e-004	-6.68e-002	0.98	0.18
636	339	-7.83e-004	-0.16	2.54e-004	-0.16	1.27	0.28
	341	-7.83e-004	-0.17	-1.44e-003	-0.13	1.31	0.31
	342	-6.81e-004	-0.17	-1.64e-003	-8.98e-002	1.07	0.28
	340	-6.81e-004	-0.16	5.46e-005	-0.11	1.15	0.25
637	202	-1.34e-003	-0.16	8.60e-004	-0.13	1.49	0.33
	264	-1.34e-003	-0.18	-1.70e-004	-9.50e-002	1.40	0.31
	341	-7.83e-004	-0.18	-7.02e-004	-0.13	1.38	0.27
	339	-7.83e-004	-0.16	3.28e-004	-0.17	1.34	0.29
638	337	-9.23e-004	-0.14	1.42e-003	-0.13	1.12	0.21
	340	-9.23e-004	-0.16	8.86e-004	-0.11	1.08	0.23
	290	-7.02e-004	-0.16	8.79e-004	-0.10	9.98e-001	0.19
	338	-7.02e-004	-0.14	1.41e-003	-0.10	1.02	0.17
639	336	-1.15e-003	-0.14	1.49e-003	-0.19	1.30	0.25
	339	-1.15e-003	-0.16	1.06e-003	-0.14	1.28	0.28
	340	-9.23e-004	-0.16	9.49e-004	-0.11	1.16	0.25
	337	-9.23e-004	-0.14	1.37e-003	-0.15	1.18	0.22
640	257	-1.40e-003	-0.15	1.17e-003	-0.23	1.55	0.31
	202	-1.40e-003	-0.16	9.70e-004	-0.17	1.50	0.32
	339	-1.15e-003	-0.16	1.14e-003	-0.17	1.34	0.27
	336	-1.15e-003	-0.15	1.33e-003	-0.20	1.35	0.27
641	334	-8.43e-004	-0.13	2.22e-003	-0.16	1.15	0.17
	337	-8.43e-004	-0.14	1.92e-003	-0.14	1.13	0.20
	338	-6.64e-004	-0.14	2.03e-003	-0.12	1.03	0.17
	335	-6.64e-004	-0.13	2.33e-003	-0.12	1.05	0.15
642	333	-1.02e-003	-0.13	1.96e-003	-0.23	1.32	0.20
	336	-1.02e-003	-0.14	1.81e-003	-0.18	1.30	0.24
	337	-8.43e-004	-0.14	1.87e-003	-0.15	1.19	0.21
	334	-8.43e-004	-0.13	2.01e-003	-0.17	1.21	0.18
643	253	-9.35e-004	-0.13	1.17e-003	-0.32	1.56	0.24
	257	-9.35e-004	-0.15	1.19e-003	-0.26	1.55	0.27
	336	-1.02e-003	-0.15	1.66e-003	-0.22	1.36	0.24
	333	-1.02e-003	-0.13	1.65e-003	-0.26	1.38	0.21
644	332	-6.28e-004	-0.12	1.87e-003	-0.17	1.17	0.12
	334	-6.28e-004	-0.13	2.12e-003	-0.16	1.16	0.16
	335	-5.45e-004	-0.13	2.30e-003	-0.13	1.06	0.14
	291	-5.45e-004	-0.12	2.04e-003	-0.13	1.07	0.11
645	331	-7.09e-004	-0.12	1.51e-003	-0.25	1.33	0.14
	333	-7.09e-004	-0.13	1.76e-003	-0.23	1.32	0.18
	334	-6.28e-004	-0.13	1.92e-003	-0.18	1.22	0.17
	332	-6.28e-004	-0.12	1.66e-003	-0.19	1.23	0.13
646	203	-5.10e-004	-0.12	7.45e-004	-0.38	1.54	0.14
	253	-5.10e-004	-0.13	9.63e-004	-0.34	1.56	0.19
	333	-7.09e-004	-0.13	1.45e-003	-0.27	1.39	0.19
	331	-7.09e-004	-0.12	1.24e-003	-0.29	1.41	0.14
647	329	-3.35e-004	-0.11	2.94e-004	-0.17	1.17	7.65e-002
	332	-3.35e-004	-0.12	1.37e-003	-0.17	1.17	0.11
	291	-3.11e-004	-0.12	1.55e-003	-0.13	1.07	0.10
	330	-3.11e-004	-0.11	4.66e-004	-0.12	1.07	7.43e-002
648	328	-3.48e-004	-0.11	-9.94e-005	-0.24	1.33	7.35e-002

	331	-3.48e-004	-0.12	9.87e-004	-0.26	1.34	0.11
	332	-3.35e-004	-0.12	1.17e-003	-0.19	1.23	0.11
	329	-3.35e-004	-0.11	8.33e-005	-0.19	1.24	7.35e-002
649	246	-1.94e-004	-0.10	-6.81e-004	-0.39	1.52	5.28e-002
	203	-1.94e-004	-0.12	3.61e-004	-0.38	1.54	0.10
	331	-3.48e-004	-0.12	7.14e-004	-0.30	1.40	0.11
	328	-3.48e-004	-0.10	-3.28e-004	-0.30	1.41	6.92e-002
650	327	-1.58e-004	-0.10	-1.14e-003	-0.13	1.21	3.76e-002
	329	-1.58e-004	-0.11	-7.74e-004	-0.17	1.17	6.75e-002
	330	-1.89e-004	-0.11	-6.37e-004	-0.11	1.07	6.91e-002
	287	-1.89e-004	-0.10	-1.00e-003	-0.11	1.03	3.91e-002
651	326	-9.93e-005	-9.29e-002	-1.26e-003	-0.19	1.37	1.14e-002
	328	-9.93e-005	-0.11	-1.09e-003	-0.27	1.33	5.35e-002
	329	-1.58e-004	-0.11	-9.85e-004	-0.17	1.24	7.18e-002
	327	-1.58e-004	-9.29e-002	-1.15e-003	-0.17	1.17	2.97e-002
652	199	-2.33e-004	-8.88e-002	-1.47e-003	-0.36	1.52	-3.35e-002
	246	-2.33e-004	-0.10	-1.42e-003	-0.39	1.51	1.15e-002
	328	-9.93e-005	-0.10	-1.32e-003	-0.29	1.40	4.47e-002
	326	-9.93e-005	-8.88e-002	-1.37e-003	-0.28	1.36	-2.86e-004
653	323	-4.92e-005	-0.14	-5.47e-003	-8.31e-002	0.49	-4.51e-003
	327	-4.92e-005	-0.10	-2.28e-003	-0.14	0.33	1.80e-002
	287	9.33e-005	-0.10	-2.03e-003	-8.34e-002	0.66	4.16e-002
	325	9.33e-005	-0.14	-5.23e-003	-0.10	0.45	1.90e-002
654	321	-1.35e-004	-0.14	-5.16e-003	-0.11	0.53	-4.71e-002
	326	-1.35e-004	-9.29e-002	-2.12e-003	-0.23	0.36	-1.19e-002
	327	-4.92e-005	-9.29e-002	-2.31e-003	-0.14	0.73	1.88e-002
	323	-4.92e-005	-0.14	-5.36e-003	-0.14	0.49	-1.64e-002
655	239	-2.10e-004	-0.14	-4.75e-003	-0.22	0.51	-0.16
	199	-2.10e-004	-8.88e-002	-1.87e-003	-0.39	0.41	-8.69e-002
	326	-1.35e-004	-8.88e-002	-2.13e-003	-0.20	0.77	-9.79e-003
	321	-1.35e-004	-0.14	-5.01e-003	-0.22	0.55	-8.61e-002
656	324	2.67e-005	-0.18	-5.78e-004	-2.15e-002	0.43	-6.10e-002
	323	2.67e-005	-0.14	-4.97e-003	-7.45e-002	0.50	-4.33e-002
	325	6.39e-004	-0.14	-4.64e-003	-5.09e-002	0.43	-1.27e-002
	286	6.39e-004	-0.18	-2.46e-004	-1.30e-002	0.42	-3.04e-002
657	322	-9.35e-004	-0.18	-3.97e-004	-1.09e-002	0.44	-0.13
	321	-9.35e-004	-0.14	-4.46e-003	-0.14	0.53	-0.10
	323	2.67e-005	-0.14	-4.85e-003	-7.94e-002	0.47	-4.71e-002
	324	2.67e-005	-0.18	-7.87e-004	-2.59e-002	0.44	-7.08e-002
658	198	1.70e-004	-0.19	4.33e-004	-5.58e-002	0.43	-0.22
	239	1.70e-004	-0.14	-4.32e-003	-0.15	0.53	-0.21
	321	-9.35e-004	-0.14	-4.31e-003	-0.14	0.49	-0.13
	322	-9.35e-004	-0.19	4.42e-004	-2.68e-002	0.46	-0.15
659	317	-3.97e-004	-0.17	-2.19e-003	0.28	-0.64	0.47
	320	-3.97e-004	-0.13	-2.42e-004	3.97e-002	-0.54	0.22
	285	1.56e-003	-0.13	-3.60e-004	3.12e-002	0.38	0.24
	318	1.56e-003	-0.17	-2.31e-003	-0.17	0.42	0.50
660	316	-2.56e-003	-0.18	-1.17e-003	0.47	-1.71	-0.11
	319	-2.56e-003	-0.12	3.23e-005	8.22e-002	-1.28	-0.23
	320	-3.97e-004	-0.12	-2.57e-004	0.17	-0.88	0.19
	317	-3.97e-004	-0.18	-1.46e-003	0.17	-1.38	0.31
661	229	-7.21e-004	-0.18	3.15e-003	0.13	-0.20	-0.94
	197	-7.21e-004	-0.12	8.38e-005	4.67e-003	-0.27	-0.76
	319	-2.56e-003	-0.12	-1.44e-003	0.22	-1.21	-0.34
	316	-2.56e-003	-0.18	1.62e-003	0.36	-1.97	-0.52
662	307	-1.24e-004	-0.21	1.33e-002	-0.25	-1.16	0.31
	317	-1.24e-004	-0.17	3.76e-003	0.14	-0.86	0.40
	318	4.33e-004	-0.17	2.94e-003	-0.17	0.59	0.50
	284	4.33e-004	-0.21	1.24e-002	0.21	0.66	0.42
663	306	-1.71e-004	-0.24	9.88e-003	-0.98	-3.99	-0.27

	316	-1.71e-004	-0.18	2.55e-003	0.62	-2.12	-0.33
	317	-1.24e-004	-0.18	4.49e-003	0.13	-1.50	0.25
	307	-1.24e-004	-0.24	1.18e-002	-0.61	-0.92	0.31
664	196	-1.19e-004	-0.26	1.63e-003	-0.64	-2.07	-1.08
	229	-1.19e-004	-0.18	1.77e-003	0.56	-0.41	-1.22
	316	-1.71e-004	-0.18	5.34e-003	0.39	-2.24	-0.63
	306	-1.71e-004	-0.26	5.21e-003	-0.80	-1.53	-0.50
665	314	-1.86e-002	-2.24e-002	-1.03e-002	0.47	-1.40	-0.26
	304	-1.86e-002	-0.15	-3.01e-002	0.35	-1.15	-0.37
	293	-1.80e-002	-0.16	-6.61e-002	0.34	-1.09	-0.65
	315	-1.80e-002	-2.24e-002	-4.64e-002	0.16	-0.45	-0.54
666	313	-5.11e-003	-5.52e-002	1.33e-002	0.56	-1.69	-0.18
	302	-5.11e-003	-0.12	2.19e-002	0.58	-1.78	-0.27
	304	-1.86e-002	-0.12	9.12e-004	0.38	-1.57	-0.36
	314	-1.86e-002	-5.52e-002	-7.62e-003	0.50	-1.51	-0.27
667	312	0.13	-1.87e-002	2.88e-002	0.35	-0.78	0.22
	205	0.13	-0.15	8.00e-002	0.68	-1.49	0.23
	302	-5.11e-003	-0.15	6.48e-002	0.45	-1.78	-0.19
	313	-5.11e-003	-1.87e-002	1.37e-002	0.62	-2.00	-0.20
668	310	-4.68e-002	-2.24e-002	-8.26e-003	0.53	-1.40	7.82e-002
	314	-4.68e-002	-2.24e-002	-1.08e-002	0.52	-1.34	-0.26
	315	5.11e-002	-2.24e-002	-4.52e-003	8.08e-002	-0.43	-0.21
	311	5.11e-002	-2.24e-002	-1.96e-003	0.11	-0.44	0.13
669	309	-4.29e-002	-5.81e-002	-2.56e-003	0.81	-1.70	-0.12
	313	-4.29e-002	-5.52e-002	-2.81e-003	0.69	-1.67	-0.23
	314	-4.68e-002	-5.52e-002	-8.10e-003	0.61	-1.51	-0.17
	310	-4.68e-002	-5.81e-002	-7.84e-003	0.62	-1.58	-6.11e-002
670	308	0.19	-2.15e-002	6.45e-003	0.46	-0.71	-0.41
	312	0.19	-1.87e-002	-2.48e-004	0.35	-0.70	-0.27
	313	-4.29e-002	-1.87e-002	-2.48e-003	0.64	-1.99	-0.16
	309	-4.29e-002	-2.15e-002	4.22e-003	0.63	-2.11	-0.29
671	300	-2.47e-002	-0.15	2.78e-002	0.39	-1.35	0.17
	310	-2.47e-002	-2.24e-002	3.77e-006	0.51	-1.52	6.68e-002
	311	2.88e-002	-2.24e-002	2.84e-002	0.17	-0.50	0.49
	292	2.88e-002	-0.16	5.31e-002	0.42	-1.25	0.59
672	299	-9.78e-003	-0.15	-2.49e-002	0.71	-1.99	-8.11e-002
	309	-9.78e-003	-5.81e-002	-1.92e-002	0.50	-1.77	-0.19
	310	-2.47e-002	-5.81e-002	4.18e-004	0.52	-1.61	3.20e-002
	300	-2.47e-002	-0.15	-5.33e-003	0.42	-1.72	0.14
673	204	0.15	-0.18	-8.61e-002	0.99	-2.02	-0.94
	308	0.15	-2.15e-002	-2.63e-002	0.42	-0.89	-0.99
	309	-9.78e-003	-2.15e-002	-1.24e-002	0.68	-2.19	-0.25
	299	-9.78e-003	-0.18	-7.22e-002	0.56	-1.91	-0.19
674	303	5.44e-003	-0.20	3.62e-002	-0.71	-1.44	-0.74
	307	5.44e-003	-0.21	1.32e-002	0.26	1.45	-0.34
	284	-8.29e-003	-0.21	1.47e-002	-0.20	-3.42	-0.19
	305	-8.29e-003	-0.20	3.76e-002	0.88	-0.74	-0.59
675	301	1.94e-002	-0.19	2.98e-002	-0.92	-2.08	-0.55
	306	1.94e-002	-0.24	2.05e-002	-0.66	0.12	-0.29
	307	5.44e-003	-0.24	1.55e-002	-1.21	-3.91	-0.45
	303	5.44e-003	-0.19	2.48e-002	0.36	-1.49	-0.71
676	222	1.15e-003	-0.24	-2.16e-002	-1.15e-002	-1.82	-0.21
	196	1.15e-003	-0.26	-8.75e-003	-0.40	-1.51	-0.49
	306	1.94e-002	-0.26	1.78e-002	-1.27	-2.50	-0.66
	301	1.94e-002	-0.24	4.87e-003	-0.21	-2.02	-0.38
677	304	-9.50e-003	-0.15	-2.19e-002	0.30	-1.23	-0.38
	303	-9.50e-003	-0.20	2.76e-002	-5.66e-002	-1.59	-0.33
	305	-1.94e-002	-0.20	2.18e-002	0.20	-0.63	-0.29
	293	-1.94e-002	-0.15	-2.83e-002	0.20	-1.07	-0.35
678	302	-4.78e-003	-0.12	2.78e-002	0.28	-1.88	-0.30

	301	-4.78e-003	-0.19	3.55e-002	-5.61e-002	-2.12	-0.31
	303	-9.50e-003	-0.19	1.62e-002	-4.71e-003	-1.31	-0.32
	304	-9.50e-003	-0.12	8.58e-003	0.21	-1.54	-0.32
679	205	-3.51e-003	-0.15	5.12e-002	0.48	-1.66	2.77e-002
	222	-3.51e-003	-0.24	-9.09e-003	2.95e-002	-1.82	-3.07e-002
	301	-4.78e-003	-0.24	1.05e-002	-0.11	-1.86	-0.22
	302	-4.78e-003	-0.15	7.08e-002	0.39	-1.83	-0.16
680	296	-1.32e-002	-0.25	-1.78e-002	-3.82e-003	-1.61	0.19
	300	-1.32e-002	-0.15	2.57e-002	0.26	-1.44	0.23
	292	-8.41e-003	-0.15	2.66e-002	0.31	-1.31	0.26
	298	-8.41e-003	-0.25	-1.66e-002	7.31e-002	-1.18	0.22
681	294	-1.19e-002	-0.25	-3.14e-002	0.13	-2.24	4.30e-002
	299	-1.19e-002	-0.15	-3.03e-002	0.23	-2.11	2.02e-003
	300	-1.32e-002	-0.15	-6.76e-003	0.26	-1.74	0.12
	296	-1.32e-002	-0.25	-7.94e-003	-1.79e-002	-1.77	0.16
682	212	-3.64e-003	-0.31	1.08e-002	0.29	-2.48	-0.40
	204	-3.64e-003	-0.18	-5.87e-002	0.71	-2.28	-0.51
	299	-1.19e-002	-0.18	-7.75e-002	0.53	-1.99	-0.19
	294	-1.19e-002	-0.31	-8.01e-003	4.79e-002	-2.13	-8.25e-002
683	297	3.81e-003	-0.30	-3.95e-003	-0.17	-0.84	8.85e-002
	296	3.81e-003	-0.25	-2.31e-002	-0.29	-1.62	0.33
	298	-4.85e-003	-0.25	-2.69e-002	0.28	-1.17	0.21
	289	-4.85e-003	-0.30	-7.77e-003	-5.19e-002	-1.79	-2.76e-002
684	295	1.61e-002	-0.34	-1.58e-002	-0.73	-1.79	-8.87e-003
	294	1.61e-002	-0.25	-2.23e-002	-0.34	-2.32	0.13
	296	3.81e-003	-0.25	-1.32e-002	4.47e-002	-1.84	0.25
	297	3.81e-003	-0.34	-6.74e-003	-0.74	-2.54	0.11
685	201	6.55e-004	-0.36	1.22e-002	-0.43	-2.76	-2.15e-002
	212	6.55e-004	-0.31	2.66e-002	0.28	-2.57	-0.20
	294	1.61e-002	-0.31	1.09e-003	-9.19e-002	-2.23	-5.31e-002
	295	1.61e-002	-0.36	-1.33e-002	-0.76	-2.20	0.13
687	279	3.38e-003	-0.33	-7.85e-003	0.20	1.35	0.61
	211	3.38e-003	-0.36	5.94e-004	0.48	0.67	0.35
	201	4.73e-003	-0.36	6.16e-003	0.93	0.38	0.65
	281	4.73e-003	-0.33	-2.28e-003	-0.94	-0.73	0.91
688	277	2.49e-003	-0.34	-1.81e-002	0.62	2.18	0.28
	209	2.49e-003	-0.35	-6.01e-003	0.78	1.75	0.18
	211	3.38e-003	-0.35	-6.70e-004	0.78	1.94	0.23
	279	3.38e-003	-0.34	-1.27e-002	0.18	1.45	0.34
689	275	-2.01e-002	-0.35	-2.03e-002	1.12	2.45	0.31
	207	-2.01e-002	-0.34	-1.01e-002	1.28	2.09	0.15
	209	2.49e-003	-0.34	-9.01e-003	1.24	2.79	0.13
	277	2.49e-003	-0.35	-1.92e-002	0.54	2.44	0.29
690	183	-2.96e-003	-0.34	1.89e-002	0.71	2.70	-0.40
	176	-2.96e-003	-0.34	3.48e-003	1.74	3.97	-0.39
	207	-2.01e-002	-0.34	-9.98e-003	1.70	2.18	0.28
	275	-2.01e-002	-0.34	5.47e-003	0.80	2.78	0.27
691	280	1.59e-002	-0.26	7.48e-003	-7.77e-002	0.67	0.43
	279	1.59e-002	-0.33	-1.28e-002	-1.09e-002	0.94	0.66
	281	1.05e-003	-0.33	-5.22e-003	0.42	-0.64	0.83
	200	1.05e-003	-0.26	1.50e-002	-0.14	-0.78	0.59
692	278	-1.90e-003	-0.31	-1.80e-003	-5.39e-002	2.29	0.36
	277	-1.90e-003	-0.34	-1.43e-002	0.32	2.23	0.28
	279	1.59e-002	-0.34	-1.77e-002	5.80e-002	1.32	0.36
	280	1.59e-002	-0.31	-5.16e-003	1.85e-002	1.14	0.44
693	276	4.65e-003	-0.35	-2.44e-003	0.27	2.61	0.43
	275	4.65e-003	-0.35	-2.22e-002	0.36	2.48	0.35
	277	-1.90e-003	-0.35	-1.54e-002	0.37	2.40	0.29
	278	-1.90e-003	-0.35	4.33e-003	6.44e-002	2.37	0.37
694	175	5.18e-003	-0.46	-4.41e-002	0.58	0.43	-0.38

	183	5.18e-003	-0.34	1.05e-002	0.40	2.19	-0.53
	275	4.65e-003	-0.34	3.61e-003	0.66	2.70	0.31
	276	4.65e-003	-0.46	-5.10e-002	-3.23e-002	3.04	0.47
695	270	1.47e-002	-0.23	6.31e-003	-1.50e-002	-0.79	0.41
	274	1.47e-002	-0.27	-5.69e-003	-2.01e-002	-0.80	0.39
	195	6.50e-004	-0.27	-9.15e-003	2.71e-002	-0.77	0.40
	271	6.50e-004	-0.23	2.85e-003	-0.10	-0.81	0.42
696	269	-2.82e-003	-0.24	1.18e-002	6.07e-002	-0.67	0.33
	273	-2.82e-003	-0.30	7.95e-003	1.03e-002	-0.59	0.30
	274	1.47e-002	-0.30	7.31e-003	1.61e-002	-0.80	0.36
	270	1.47e-002	-0.24	1.11e-002	-1.53e-002	-0.83	0.39
697	268	6.83e-003	-0.25	2.23e-002	4.58e-002	-0.24	0.23
	272	6.83e-003	-0.35	3.42e-003	-5.37e-002	-0.22	0.28
	273	-2.82e-003	-0.35	-3.59e-003	-3.29e-003	-0.44	0.31
	269	-2.82e-003	-0.25	1.53e-002	0.10	-0.48	0.27
698	181	-1.08e-002	-0.23	-1.77e-002	-0.51	-0.45	5.67e-002
	170	-1.08e-002	-0.46	5.63e-002	-0.36	-0.13	0.35
	272	6.83e-003	-0.46	6.54e-002	-0.14	-0.22	0.41
	268	6.83e-003	-0.23	-8.61e-003	-2.02e-002	8.15e-004	0.12
699	267	4.01e-003	-0.20	1.33e-003	-0.25	-0.80	0.40
	270	4.01e-003	-0.23	5.45e-003	-5.22e-002	-0.84	0.40
	271	2.82e-003	-0.23	1.62e-003	0.10	-0.82	0.45
	194	2.82e-003	-0.20	-2.49e-003	-0.41	-0.94	0.46
700	266	4.29e-003	-0.20	4.64e-003	-5.29e-002	-1.18	0.35
	269	4.29e-003	-0.24	1.29e-002	0.20	-0.74	0.28
	270	4.01e-003	-0.24	1.03e-002	-7.88e-002	-0.81	0.39
	267	4.01e-003	-0.20	2.00e-003	-6.02e-002	-0.48	0.46
701	265	-2.54e-002	-0.18	1.26e-002	0.70	-0.73	0.23
	268	-2.54e-002	-0.25	2.11e-002	0.17	-0.26	0.13
	269	4.29e-003	-0.25	1.64e-002	-7.01e-003	-0.48	0.24
	266	4.29e-003	-0.18	7.97e-003	0.49	-0.12	0.34
702	169	-5.12e-003	-0.18	-9.86e-003	3.10e-002	0.19	-0.29
	181	-5.12e-003	-0.23	-3.06e-002	-0.75	-0.36	2.61e-002
	268	-2.54e-002	-0.23	-9.79e-003	1.99e-002	-0.10	9.46e-002
	265	-2.54e-002	-0.18	1.09e-002	0.52	-0.72	-0.22
703	263	-6.34e-004	-0.18	3.10e-004	-4.86e-002	1.58	0.54
	267	-6.34e-004	-0.20	3.31e-005	-0.24	1.08	0.52
	194	-7.29e-004	-0.20	-7.42e-004	-0.15	1.55	0.40
	264	-7.29e-004	-0.18	-4.65e-004	-0.18	1.31	0.42
704	262	4.08e-004	-0.18	2.27e-003	0.17	2.44	0.71
	266	4.08e-004	-0.20	3.29e-003	-0.18	2.09	0.63
	267	-6.34e-004	-0.20	1.30e-003	-0.13	1.87	0.55
	263	-6.34e-004	-0.18	2.86e-004	-0.11	1.64	0.63
705	261	1.00e-003	-0.18	-1.57e-004	-0.45	4.15	3.77e-002
	265	1.00e-003	-0.18	1.32e-003	0.51	5.20	2.74e-002
	266	4.08e-004	-0.18	3.22e-003	0.26	2.86	0.64
	262	4.08e-004	-0.18	1.74e-003	-0.23	3.08	0.65
706	193	1.02e-003	-0.18	-5.05e-003	-1.51	3.04	-1.67
	169	1.02e-003	-0.18	-6.13e-003	0.23	4.91	-1.30
	265	1.00e-003	-0.18	-1.44e-003	0.31	4.14	-0.24
	261	1.00e-003	-0.18	-3.61e-004	-0.52	4.57	-0.61
707	260	-1.46e-003	-0.16	5.77e-004	-0.19	1.72	0.46
	263	-1.46e-003	-0.18	4.47e-004	-0.11	1.63	0.51
	264	-1.34e-003	-0.18	4.91e-004	-7.61e-002	1.37	0.39
	202	-1.34e-003	-0.16	6.21e-004	-0.14	1.52	0.35
708	259	4.79e-004	-0.16	-2.85e-004	-0.25	2.37	0.53
	262	4.79e-004	-0.18	-4.45e-005	-0.38	2.43	0.62
	263	-1.46e-003	-0.18	4.23e-004	-0.15	1.71	0.58
	260	-1.46e-003	-0.16	1.83e-004	-0.22	1.81	0.49
709	258	2.88e-003	-0.16	-4.24e-004	-0.68	3.14	-0.18

	261	2.88e-003	-0.18	-6.62e-004	-0.82	3.73	4.34e-002
	262	4.79e-004	-0.18	-5.78e-004	-0.19	3.03	0.59
	259	4.79e-004	-0.16	-3.40e-004	-0.66	2.88	0.37
710	177	2.02e-003	-0.16	2.33e-004	-0.86	2.40	-1.38
	193	2.02e-003	-0.18	-6.47e-004	-0.66	2.70	-1.41
	261	2.88e-003	-0.18	-8.67e-004	-0.69	4.13	-0.57
	258	2.88e-003	-0.16	1.33e-005	-0.93	3.29	-0.54
711	256	-1.03e-003	-0.15	7.48e-004	-0.31	1.79	0.36
	260	-1.03e-003	-0.16	5.95e-004	-0.25	1.72	0.43
	202	-1.40e-003	-0.16	7.30e-004	-0.16	1.57	0.37
	257	-1.40e-003	-0.15	8.83e-004	-0.28	1.62	0.30
712	255	8.80e-004	-0.15	-2.66e-005	-0.47	2.17	0.26
	259	8.80e-004	-0.16	-3.35e-004	-0.60	2.30	0.42
	260	-1.03e-003	-0.16	2.01e-004	-0.26	1.87	0.49
	256	-1.03e-003	-0.15	5.10e-004	-0.39	1.90	0.33
713	254	2.69e-003	-0.15	2.62e-004	-0.69	2.47	-0.32
	258	2.69e-003	-0.16	-3.18e-005	-0.87	2.91	-0.18
	259	8.80e-004	-0.16	-3.90e-004	-0.48	2.74	0.28
	255	8.80e-004	-0.15	-9.56e-005	-0.73	2.47	0.15
714	190	2.46e-003	-0.15	4.90e-004	-0.56	1.86	-1.03
	177	2.46e-003	-0.16	4.87e-004	-0.45	2.25	-1.23
	258	2.69e-003	-0.16	4.05e-004	-0.81	2.91	-0.66
	254	2.69e-003	-0.15	4.09e-004	-0.73	2.43	-0.46
715	252	-4.67e-004	-0.13	7.33e-004	-0.41	1.78	0.22
	256	-4.67e-004	-0.15	7.74e-004	-0.40	1.78	0.31
	257	-9.35e-004	-0.15	9.02e-004	-0.28	1.65	0.31
	253	-9.35e-004	-0.13	8.61e-004	-0.38	1.65	0.22
716	251	9.17e-004	-0.13	2.67e-004	-0.57	1.99	7.64e-002
	255	9.17e-004	-0.15	2.45e-004	-0.65	2.12	0.20
	256	-4.67e-004	-0.15	5.36e-004	-0.40	1.89	0.30
	252	-4.67e-004	-0.13	5.58e-004	-0.49	1.86	0.18
717	250	2.25e-003	-0.13	5.70e-004	-0.67	2.08	-0.28
	254	2.25e-003	-0.15	4.39e-004	-0.72	2.33	-0.24
	255	9.17e-004	-0.15	1.76e-004	-0.60	2.33	5.19e-002
	251	9.17e-004	-0.13	3.07e-004	-0.69	2.13	1.36e-002
718	189	2.67e-003	-0.13	7.16e-004	-0.46	1.62	-0.56
	190	2.67e-003	-0.15	6.36e-004	-0.26	1.75	-0.79
	254	2.25e-003	-0.15	5.85e-004	-0.69	2.23	-0.54
	250	2.25e-003	-0.13	6.65e-004	-0.62	1.98	-0.31
719	249	-1.35e-004	-0.11	4.63e-004	-0.47	1.71	9.22e-002
	252	-1.35e-004	-0.13	5.83e-004	-0.49	1.75	0.18
	253	-5.10e-004	-0.13	6.50e-004	-0.38	1.65	0.21
	203	-5.10e-004	-0.11	5.30e-004	-0.43	1.63	0.12
720	248	8.65e-004	-0.11	3.15e-004	-0.62	1.84	-3.95e-002
	251	8.65e-004	-0.13	3.16e-004	-0.64	1.94	5.00e-002
	252	-1.35e-004	-0.13	4.08e-004	-0.49	1.83	0.15
	249	-1.35e-004	-0.11	4.07e-004	-0.54	1.78	6.09e-002
721	247	2.01e-003	-0.11	6.46e-004	-0.74	1.89	-0.23
	250	2.01e-003	-0.13	5.82e-004	-0.65	1.99	-0.20
	251	8.65e-004	-0.13	3.55e-004	-0.65	2.05	-5.78e-002
	248	8.65e-004	-0.11	4.20e-004	-0.68	1.93	-8.37e-002
722	178	2.87e-003	-0.11	9.45e-004	-0.68	1.62	-0.23
	189	2.87e-003	-0.13	9.27e-004	-0.28	1.57	-0.37
	250	2.01e-003	-0.13	6.77e-004	-0.68	1.91	-0.37
	247	2.01e-003	-0.11	6.95e-004	-0.67	1.86	-0.22
723	245	3.73e-005	-0.10	-8.64e-004	-0.49	1.63	-1.63e-002
	249	3.73e-005	-0.11	1.30e-004	-0.53	1.69	5.87e-002
	203	-1.94e-004	-0.11	1.46e-004	-0.44	1.61	0.10
	246	-1.94e-004	-0.10	-8.47e-004	-0.44	1.59	2.66e-002
724	244	5.52e-004	-0.10	-8.28e-004	-0.65	1.73	-0.13

	248	5.52e-004	-0.11	8.09e-005	-0.64	1.81	-6.19e-002
	249	3.73e-005	-0.11	7.44e-005	-0.53	1.74	2.40e-002
	245	3.73e-005	-0.10	-8.35e-004	-0.56	1.70	-4.64e-002
725	243	1.47e-003	-0.10	1.20e-005	-0.85	1.85	-0.25
	247	1.47e-003	-0.11	5.72e-004	-0.70	1.85	-0.20
	248	5.52e-004	-0.11	1.86e-004	-0.69	1.89	-0.13
	244	5.52e-004	-0.10	-3.75e-004	-0.70	1.79	-0.19
726	188	2.41e-003	-0.10	1.21e-003	-1.00e+000	1.77	-0.11
	178	2.41e-003	-0.11	1.07e-003	-0.54	1.62	-0.13
	247	1.47e-003	-0.11	6.21e-004	-0.78	1.87	-0.25
	243	1.47e-003	-0.10	7.58e-004	-0.79	1.88	-0.24
727	242	1.78e-004	-8.59e-002	-1.14e-003	-0.50	1.68	-0.13
	245	1.78e-004	-0.10	-1.64e-003	-0.56	1.60	-2.77e-002
	246	-2.33e-004	-0.10	-1.59e-003	-0.43	1.58	1.88e-002
	199	-2.33e-004	-8.59e-002	-1.08e-003	-0.42	1.41	-8.68e-002
728	241	3.84e-004	-8.41e-002	-1.10e-003	-0.67	1.73	-0.23
	244	3.84e-004	-0.10	-1.43e-003	-0.69	1.70	-0.15
	245	1.78e-004	-0.10	-1.62e-003	-0.54	1.67	-6.99e-002
	242	1.78e-004	-8.41e-002	-1.29e-003	-0.60	1.54	-0.15
729	240	9.20e-004	-8.16e-002	-8.13e-004	-0.88	1.80	-0.36
	243	9.20e-004	-0.10	-7.17e-004	-0.77	1.83	-0.30
	244	3.84e-004	-0.10	-9.79e-004	-0.70	1.75	-0.21
	241	3.84e-004	-8.16e-002	-1.08e-003	-0.75	1.65	-0.27
730	174	1.53e-003	-7.74e-002	1.09e-003	-1.21	1.74	-0.25
	188	1.53e-003	-0.10	1.41e-003	-0.79	1.79	-0.16
	243	9.20e-004	-0.10	2.95e-005	-0.96	1.92	-0.29
	240	9.20e-004	-7.74e-002	-2.87e-004	-0.78	2.14	-0.37
731	237	6.41e-005	-0.14	-4.17e-003	-0.29	0.52	-0.24
	242	6.41e-005	-8.59e-002	-1.96e-003	-0.47	0.47	-0.18
	199	-2.10e-004	-8.59e-002	-1.91e-003	-0.44	0.77	-0.12
	239	-2.10e-004	-0.14	-4.12e-003	-0.25	0.54	-0.18
732	235	1.73e-004	-0.14	-3.81e-003	-0.35	0.50	-0.36
	241	1.73e-004	-8.41e-002	-1.68e-003	-0.64	0.44	-0.28
	242	6.41e-005	-8.41e-002	-1.93e-003	-0.47	0.77	-0.19
	237	6.41e-005	-0.14	-4.06e-003	-0.37	0.52	-0.27
733	233	3.20e-004	-0.14	-3.64e-003	-0.46	0.56	-0.48
	240	3.20e-004	-8.16e-002	-1.55e-003	-0.78	0.49	-0.39
	241	1.73e-004	-8.16e-002	-1.62e-003	-0.67	0.78	-0.31
	235	1.73e-004	-0.14	-3.71e-003	-0.41	0.52	-0.39
734	187	-5.89e-003	-0.14	-4.10e-003	-0.71	0.69	-0.58
	174	-5.89e-003	-7.74e-002	-4.63e-004	-1.00	0.71	-0.40
	240	3.20e-004	-7.74e-002	-7.77e-004	-0.84	0.76	-0.34
	233	3.20e-004	-0.14	-4.42e-003	-0.52	0.65	-0.52
735	238	-7.05e-004	-0.20	-4.84e-004	-2.08e-002	0.39	-0.30
	237	-7.05e-004	-0.14	-3.49e-003	-0.23	0.50	-0.28
	239	1.70e-004	-0.14	-3.70e-003	-0.20	0.45	-0.23
	198	1.70e-004	-0.20	-6.87e-004	-2.23e-002	0.40	-0.26
736	236	1.47e-004	-0.20	2.24e-004	-5.32e-002	0.37	-0.43
	235	1.47e-004	-0.14	-3.36e-003	-0.25	0.51	-0.41
	237	-7.05e-004	-0.14	-3.38e-003	-0.22	0.46	-0.31
	238	-7.05e-004	-0.20	1.98e-004	-5.09e-002	0.38	-0.33
737	234	-8.27e-005	-0.20	4.42e-004	-5.30e-002	0.44	-0.56
	233	-8.27e-005	-0.14	-2.91e-003	-0.32	0.58	-0.53
	235	1.47e-004	-0.14	-3.26e-003	-0.27	0.47	-0.42
	236	1.47e-004	-0.20	9.05e-005	-5.05e-002	0.38	-0.46
738	173	-4.82e-005	-0.21	-8.84e-004	-0.24	0.80	-0.63
	187	-4.82e-005	-0.14	-5.12e-003	-0.22	0.80	-0.58
	233	-8.27e-005	-0.14	-3.69e-003	-0.35	0.55	-0.56
	234	-8.27e-005	-0.21	5.45e-004	-2.59e-002	0.52	-0.61
739	228	-3.12e-004	-0.18	3.98e-003	-0.18	1.54	-1.01

	232	-3.12e-004	-0.12	4.51e-004	2.91e-002	1.48	-0.78
	197	-7.21e-004	-0.12	6.87e-004	-0.15	0.50	-0.82
	229	-7.21e-004	-0.18	4.22e-003	0.28	0.56	-1.05
740	227	3.56e-004	-0.18	2.26e-003	-0.12	2.89	-0.56
	231	3.56e-004	-0.13	-4.38e-004	-0.12	2.64	-0.49
	232	-3.12e-004	-0.13	3.53e-004	-2.16e-002	1.84	-0.74
	228	-3.12e-004	-0.18	3.05e-003	-9.18e-002	2.12	-0.81
741	226	6.29e-004	-0.19	2.50e-003	-0.12	3.15	-0.26
	230	6.29e-004	-0.13	2.01e-004	-8.39e-002	2.92	-0.25
	231	3.56e-004	-0.13	-5.98e-004	-7.15e-002	2.80	-0.44
	227	3.56e-004	-0.19	1.70e-003	-0.11	2.99	-0.45
742	186	4.80e-004	-0.19	-4.73e-004	-0.32	2.69	0.34
	172	4.80e-004	-0.13	-1.62e-003	0.20	1.98	0.28
	230	6.29e-004	-0.13	1.01e-003	-0.18	2.85	-0.22
	226	6.29e-004	-0.19	2.16e-003	-5.50e-002	3.20	-0.15
743	225	-2.02e-004	-0.24	1.78e-004	0.65	2.32	-0.78
	228	-2.02e-004	-0.18	3.77e-003	-0.40	1.95	-0.89
	229	-1.19e-004	-0.18	2.84e-003	-0.13	0.54	-1.37
	196	-1.19e-004	-0.24	-7.59e-004	0.25	1.75	-1.27
744	224	1.61e-004	-0.24	2.29e-003	0.71	3.06	-0.41
	227	1.61e-004	-0.18	3.77e-003	-0.12	3.10	-0.48
	228	-2.02e-004	-0.18	2.85e-003	-0.36	2.22	-0.75
	225	-2.02e-004	-0.24	1.36e-003	0.80	2.83	-0.67
745	223	2.49e-004	-0.24	3.25e-003	0.65	2.87	-0.28
	226	2.49e-004	-0.19	3.16e-003	0.23	3.25	-0.37
	227	1.61e-004	-0.19	3.21e-003	2.62e-002	3.02	-0.36
	224	1.61e-004	-0.24	3.30e-003	0.67	3.37	-0.27
746	171	-1.95e-004	-0.24	4.54e-003	0.96	4.02	0.30
	186	-1.95e-004	-0.19	3.32e-003	-8.36e-002	3.02	0.31
	226	2.49e-004	-0.19	2.82e-003	-4.37e-003	3.39	-0.22
	223	2.49e-004	-0.24	4.04e-003	0.90	3.53	-0.23
747	220	-1.41e-002	-0.27	-1.23e-002	0.23	-1.64	-0.27
	225	-1.41e-002	-0.24	1.84e-003	0.66	-1.78	-0.72
	196	1.15e-003	-0.24	-1.06e-002	-6.72e-002	-1.64	-0.65
	222	1.15e-003	-0.27	-2.47e-002	9.29e-002	-1.92	-0.20
748	218	4.63e-004	-0.30	3.19e-003	0.33	-1.33	-0.43
	224	4.63e-004	-0.24	7.35e-004	0.92	-1.22	-0.47
	225	-1.41e-002	-0.24	1.75e-003	0.77	-1.58	-0.48
	220	-1.41e-002	-0.30	4.20e-003	0.34	-1.46	-0.44
749	216	1.17e-003	-0.32	3.02e-003	0.43	-1.40	-0.15
	223	1.17e-003	-0.24	4.38e-003	0.99	-1.06	-0.19
	224	4.63e-004	-0.24	1.81e-003	0.68	-2.06	-0.40
	218	4.63e-004	-0.32	4.57e-004	0.63	-1.42	-0.36
750	185	-1.82e-002	-0.33	-5.14e-003	0.28	-1.18	0.11
	171	-1.82e-002	-0.24	-6.06e-003	1.49	-0.60	1.56e-002
	223	1.17e-003	-0.24	2.62e-003	0.83	-2.18	-0.16
	216	1.17e-003	-0.33	3.54e-003	0.66	-1.37	-6.03e-002
751	221	-4.27e-003	-0.43	4.51e-002	-3.85e-005	-1.57	-0.42
	220	-4.27e-003	-0.27	-7.69e-003	0.29	-1.91	-0.28
	222	-3.51e-003	-0.27	-1.22e-002	0.49	-1.85	1.68e-002
	205	-3.51e-003	-0.43	4.07e-002	8.14e-002	-2.80	-0.13
752	219	-1.41e-003	-0.37	-3.40e-003	2.85e-002	-1.13	-0.31
	218	-1.41e-003	-0.30	-4.87e-004	0.34	-1.34	-0.33
	220	-4.27e-003	-0.30	8.82e-003	0.23	-1.48	-0.40
	221	-4.27e-003	-0.37	5.90e-003	7.61e-002	-1.59	-0.37
753	217	-6.40e-004	-0.39	3.26e-003	0.10	-1.19	-5.03e-002
	216	-6.40e-004	-0.32	1.57e-003	0.35	-1.40	-6.78e-002
	218	-1.41e-003	-0.32	-3.22e-003	0.33	-1.33	-0.26
	219	-1.41e-003	-0.39	-1.52e-003	6.20e-002	-1.27	-0.25
754	180	1.06e-002	-0.40	-1.02e-003	0.16	-1.51	3.89e-002

	185	1.06e-002	-0.33	-3.56e-003	0.17	-1.32	7.63e-002
	216	-6.40e-004	-0.33	2.09e-003	0.41	-1.23	5.61e-002
	217	-6.40e-004	-0.40	4.62e-003	2.92e-002	-1.01	1.87e-002
755	210	-5.00e-003	-0.35	1.04e-002	0.50	-2.43	-0.13
	215	-5.00e-003	-0.49	-4.80e-002	2.11e-004	-1.90	0.23
	204	-3.64e-003	-0.49	-4.54e-002	0.18	-4.20	-0.19
	212	-3.64e-003	-0.35	1.30e-002	1.00	-2.80	-0.54
756	208	-1.08e-003	-0.38	2.72e-003	0.33	-0.38	-3.45e-002
	214	-1.08e-003	-0.43	3.67e-003	0.11	-0.26	-2.40e-002
	215	-5.00e-003	-0.43	-6.07e-003	0.15	-1.73	7.38e-002
	210	-5.00e-003	-0.38	-7.02e-003	0.32	-1.75	6.32e-002
757	206	2.00e-004	-0.40	-5.80e-004	7.76e-002	1.03	-6.57e-002
	213	2.00e-004	-0.44	-3.36e-003	0.10	0.81	-2.52e-003
	214	-1.08e-003	-0.44	2.09e-003	1.78e-002	0.35	-5.21e-002
	208	-1.08e-003	-0.40	4.87e-003	0.35	0.19	-0.12
758	184	1.06e-002	-0.41	2.30e-003	6.79e-002	-0.22	0.49
	179	1.06e-002	-0.46	-1.12e-004	0.10	-0.49	0.49
	213	2.00e-004	-0.46	-4.77e-003	-4.89e-002	1.11	0.12
	206	2.00e-004	-0.41	-2.36e-003	0.20	1.34	0.12
759	211	-1.52e-002	-0.36	-9.63e-004	0.62	-2.94	0.18
	210	-1.52e-002	-0.35	1.56e-002	0.54	-2.11	-0.25
	212	6.55e-004	-0.35	2.88e-002	0.18	-2.86	-0.30
	201	6.55e-004	-0.36	1.23e-002	0.14	-1.92	0.13
760	209	7.68e-004	-0.35	-2.12e-003	0.74	-1.13	-4.72e-002
	208	7.68e-004	-0.38	-2.49e-003	0.73	-0.44	-9.27e-002
	210	-1.52e-002	-0.38	-1.80e-003	0.42	-1.70	-5.57e-002
	211	-1.52e-002	-0.35	-1.43e-003	0.92	-1.07	-1.01e-002
761	207	7.62e-004	-0.34	-4.68e-003	1.50	1.77	0.12
	206	7.62e-004	-0.40	-2.19e-003	0.40	1.24	4.54e-003
	208	7.68e-004	-0.40	-3.44e-004	0.54	0.14	-0.18
	209	7.68e-004	-0.34	-2.83e-003	1.02	-0.14	-6.52e-002
762	176	-1.89e-002	-0.34	1.09e-002	2.09	1.83	0.66
	184	-1.89e-002	-0.41	7.55e-003	-0.31	0.11	0.71
	206	7.62e-004	-0.41	-3.97e-003	0.56	1.43	0.25
	207	7.62e-004	-0.34	-6.25e-004	1.37	0.34	0.19
763	149	2.58e-003	-0.18	-2.74e-003	-1.61	-0.62	-1.71
	38	2.58e-003	-0.21	-4.15e-003	-2.28	0.37	-1.12
	169	1.02e-003	-0.21	-7.01e-003	-1.68	0.52	-1.37
	193	1.02e-003	-0.18	-5.59e-003	-0.27	1.83	-1.97
764	54	9.98e-004	-0.16	-1.09e-003	-0.22	-5.15e-002	-1.58
	149	9.98e-004	-0.18	-1.97e-003	-0.94	-0.41	-1.63
	193	2.02e-003	-0.18	-1.19e-003	-0.99	1.82	-1.63
	177	2.02e-003	-0.16	-3.12e-004	-0.31	1.47	-1.59
765	157	2.97e-003	-0.15	-9.23e-005	0.37	0.38	-1.04
	54	2.97e-003	-0.16	-1.43e-004	0.18	0.19	-1.44
	177	2.46e-003	-0.16	-5.79e-005	-0.58	1.31	-1.47
	190	2.46e-003	-0.15	-6.99e-006	-5.89e-002	1.16	-1.07
766	162	3.91e-003	-0.13	6.63e-004	0.38	0.69	-0.36
	157	3.91e-003	-0.15	-9.10e-005	0.60	0.49	-0.79
	190	2.67e-003	-0.15	1.38e-004	-0.24	1.13	-0.94
	189	2.67e-003	-0.13	8.93e-004	-6.61e-002	1.13	-0.50
767	55	3.90e-003	-0.11	6.96e-004	-0.15	0.99	0.20
	162	3.90e-003	-0.13	6.31e-004	0.39	0.75	-0.11
	189	2.87e-003	-0.13	1.10e-003	-0.28	1.20	-0.41
	178	2.87e-003	-0.11	1.17e-003	-0.39	1.36	-0.10
768	28	2.79e-003	-0.10	2.14e-003	-1.01	1.35	0.39
	55	2.79e-003	-0.11	1.36e-003	-0.33	1.02	0.35
	178	2.41e-003	-0.11	1.29e-003	-0.62	1.50	-4.29e-002
	188	2.41e-003	-0.10	2.08e-003	-0.84	1.65	-3.15e-003
769	47	2.36e-003	-7.86e-002	3.53e-003	-1.65	1.69	0.14

	28	2.36e-003	-0.10	3.86e-003	-1.19	1.42	0.34
	188	1.53e-003	-0.10	2.28e-003	-1.06	1.79	-2.50e-002
	174	1.53e-003	-7.86e-002	1.95e-003	-1.15	1.96	-0.22
770	141	-2.83e-003	-0.13	9.95e-003	-0.67	0.54	-0.41
	47	-2.83e-003	-7.86e-002	4.29e-003	-1.63	0.92	-0.21
	174	-5.89e-003	-7.86e-002	-7.28e-004	-1.22	0.60	-0.25
	187	-5.89e-003	-0.13	4.93e-003	-0.66	1.06	-0.46
771	46	-7.68e-003	-0.24	-2.25e-002	0.56	2.95	0.21
	141	-7.68e-003	-0.13	5.54e-004	-0.71	0.95	0.14
	187	-4.82e-005	-0.13	3.91e-003	-0.35	1.11	-0.55
	173	-4.82e-005	-0.24	-1.91e-002	4.88e-002	0.42	-0.47
772	130	-4.07e-003	-0.19	5.43e-003	1.34	0.16	2.32
	45	-4.07e-003	-0.13	2.53e-003	0.38	-2.34	1.46
	172	4.80e-004	-0.13	-3.53e-003	-2.15e-002	1.86	0.21
	186	4.80e-004	-0.19	-6.34e-004	-5.72e-002	1.75	1.07
773	44	-1.56e-003	-0.25	8.00e-003	2.07e-002	2.21	1.90
	130	-1.56e-003	-0.19	5.08e-003	-0.31	0.41	2.29
	186	-1.95e-004	-0.19	3.16e-003	-0.55	2.72	0.90
	171	-1.95e-004	-0.25	6.07e-003	1.08	3.58	0.51
774	122	5.63e-003	-0.31	3.65e-002	-0.56	-2.15	-0.10
	44	5.63e-003	-0.25	1.81e-002	-5.25e-002	-0.92	0.48
	171	-1.82e-002	-0.25	-4.07e-003	0.85	-2.70	0.49
	185	-1.82e-002	-0.31	1.44e-002	0.42	-1.49	-8.55e-002
775	57	1.17e-002	-0.48	-5.36e-002	1.56e-003	-3.46	-0.46
	122	1.17e-002	-0.31	1.70e-002	0.14	-2.34	-0.39
	185	1.06e-002	-0.31	1.59e-002	0.23	-1.49	7.05e-002
	180	1.06e-002	-0.48	-5.47e-002	0.14	-0.95	4.89e-005
776	101	1.42e-002	-0.39	-1.64e-002	0.21	-4.47	1.05
	56	1.42e-002	-0.54	5.84e-002	-0.37	-5.61	1.20
	179	1.06e-002	-0.54	5.68e-002	0.28	-0.99	0.69
	184	1.06e-002	-0.39	-1.80e-002	6.04e-002	-1.49	0.54
777	49	7.63e-003	-0.38	-1.86e-002	-0.79	-1.98	-5.09e-002
	101	7.63e-003	-0.39	-3.87e-002	-1.14	-4.28	0.84
	184	-1.89e-002	-0.39	-1.28e-002	0.79	-1.57	1.02
	176	-1.89e-002	-0.38	7.36e-003	0.19	-4.09	0.13
778	85	1.79e-002	-0.35	-1.69e-003	-1.42	-0.36	-2.33
	49	1.79e-002	-0.38	-2.23e-002	-0.72	0.88	-1.55
	176	-2.96e-003	-0.38	9.54e-004	0.69	1.85	-0.57
	183	-2.96e-003	-0.35	2.16e-002	0.66	2.21	-1.35
779	48	-1.50e-003	-0.21	-8.01e-002	0.49	-1.09	-2.63
	85	-1.50e-003	-0.35	-9.69e-003	-2.94e-002	-0.65	-2.50
	183	5.18e-003	-0.35	1.31e-002	0.52	1.75	-1.17
	175	5.18e-003	-0.21	-5.73e-002	0.27	0.18	-1.30
780	93	-1.50e-002	-3.24e-002	2.14e-003	1.55	-1.59	-1.60
	48	-1.50e-002	-0.21	-6.24e-002	1.54	-1.10	-2.17
	175	0.15	-0.21	-8.61e-002	1.10	-0.38	-1.97
	182	0.15	-3.24e-002	-2.16e-002	0.69	-0.25	-1.40
781	39	-7.74e-003	-0.19	6.78e-002	0.67	-1.26	-0.22
	93	-7.74e-003	-3.24e-002	2.49e-002	1.65	-1.55	-1.13
	182	0.10	-3.24e-002	5.11e-002	0.60	-0.44	-1.25
	170	0.10	-0.19	9.40e-002	-0.36	-0.52	-0.34
782	77	6.51e-003	-0.23	-3.08e-003	-1.25	-1.26	6.31e-003
	39	6.51e-003	-0.19	7.37e-002	0.38	-1.59	-5.38e-002
	170	-1.08e-002	-0.19	5.39e-002	-0.34	-0.32	-4.12e-002
	181	-1.08e-002	-0.23	-2.30e-002	-0.68	-0.67	1.90e-002
783	38	2.16e-002	-0.21	5.85e-003	-2.49	-0.42	-0.49
	77	2.16e-002	-0.23	-1.91e-002	-1.48	-1.25	-5.51e-002
	181	-5.12e-003	-0.23	-3.59e-002	-0.67	-0.81	-4.85e-002
	169	-5.12e-003	-0.21	-1.09e-002	-1.38	-1.64	-0.48
784	17	5.77e-003	-0.10	-6.53e-003	1.71	-0.43	0.79

	144	5.77e-003	-8.64e-002	-5.00e-003	3.20	-0.38	0.32
	47	2.36e-003	-8.64e-002	-4.29e-003	2.05	-1.56	0.12
	28	2.36e-003	-0.10	-5.82e-003	1.28	-1.27	0.59
785	165	5.17e-003	-0.12	-2.92e-003	5.93e-002	-0.62	0.77
	17	5.17e-003	-0.10	-6.11e-003	0.79	-0.61	0.86
	28	2.79e-003	-0.10	-4.10e-003	1.01	-1.05	0.60
	55	2.79e-003	-0.12	-9.05e-004	0.15	-0.73	0.51
786	161	7.94e-003	-0.13	-3.02e-003	-1.08	-0.70	0.25
	165	7.94e-003	-0.12	-2.78e-003	-0.80	-0.73	0.64
	55	3.90e-003	-0.12	-2.45e-004	-7.23e-002	-0.54	0.40
	162	3.90e-003	-0.13	-4.84e-004	-0.65	-0.25	9.67e-003
787	156	8.42e-003	-0.15	4.27e-004	-1.50	-0.43	-0.31
	161	8.42e-003	-0.13	1.32e-004	-1.46	-0.66	0.15
	162	3.91e-003	-0.13	-5.16e-004	-0.79	-0.12	-0.19
	157	3.91e-003	-0.15	-2.22e-004	-0.81	0.10	-0.65
788	152	1.02e-002	-0.17	4.72e-003	-0.97	0.21	-0.80
	156	1.02e-002	-0.15	4.04e-003	-1.32	-0.23	-0.41
	157	2.97e-003	-0.15	-2.20e-004	-0.84	0.21	-0.86
	54	2.97e-003	-0.17	4.64e-004	-0.26	0.38	-1.26
789	148	7.61e-003	-0.18	7.65e-003	1.05	0.80	-1.01
	152	7.61e-003	-0.17	4.16e-003	-0.18	0.54	-0.99
	54	9.98e-004	-0.17	1.41e-003	-5.17e-002	0.41	-1.34
	149	9.98e-004	-0.18	4.90e-003	0.99	0.57	-1.36
790	76	8.41e-003	-0.21	2.20e-004	4.52	0.58	-0.46
	148	8.41e-003	-0.18	4.38e-003	2.17	1.09	-1.01
	149	2.58e-003	-0.18	5.67e-003	1.36	0.72	-1.39
	38	2.58e-003	-0.21	1.51e-003	3.48	1.70	-0.84
791	140	4.94e-003	-0.13	1.39e-002	-0.36	-0.18	-0.56
	144	4.94e-003	-8.64e-002	6.10e-003	-2.83	0.75	-0.25
	47	-2.83e-003	-8.64e-002	5.53e-003	-1.85	0.22	1.99e-002
	141	-2.83e-003	-0.13	1.33e-002	-0.70	0.64	-0.29
792	133	-1.25e-004	-0.13	-1.69e-002	2.34	-0.28	0.65
	140	-1.25e-004	-0.13	7.77e-003	0.60	0.32	-0.35
	141	-7.68e-003	-0.13	3.91e-003	0.14	0.18	-2.68e-002
	46	-7.68e-003	-0.13	-2.02e-002	0.43	-0.36	1.21
793	129	-5.60e-003	-0.19	1.91e-003	1.53	-1.72	2.00
	133	-5.60e-003	-0.12	-3.49e-003	2.45	-0.57	1.22
	45	-4.07e-003	-0.12	1.24e-003	1.66	-1.14	1.78
	130	-4.07e-003	-0.19	6.51e-003	0.56	-1.12	2.63
794	125	2.52e-004	-0.28	-3.58e-003	-3.76	-2.65	1.61
	129	2.52e-004	-0.19	-1.31e-003	0.82	-2.83	2.45
	130	-1.56e-003	-0.19	6.16e-003	0.41	-0.76	2.59
	44	-1.56e-003	-0.28	3.90e-003	-1.57	-1.22	1.76
795	121	3.31e-002	-0.28	-7.65e-003	-1.71	-2.78	-0.24
	125	3.31e-002	-0.28	-1.65e-002	-4.55	-2.94	0.98
	44	5.63e-003	-0.28	1.73e-002	-1.56	-1.96	0.75
	122	5.63e-003	-0.28	2.62e-002	-0.63	-1.84	-0.47
796	117	2.04e-002	-0.20	-9.40e-002	0.61	-1.97	-0.61
	121	2.04e-002	-0.28	-2.56e-002	-0.79	-2.30	-0.52
	122	1.17e-002	-0.28	6.70e-003	-0.53	-2.01	-0.63
	57	1.17e-002	-0.20	-6.16e-002	0.66	-2.21	-0.72
797	113	2.97e-002	-3.66e-002	-4.07e-002	2.10	-1.95	-0.21
	117	2.97e-002	-0.20	-9.21e-002	1.60	-1.72	-0.50
	57	0.16	-0.20	-0.10	1.19	-2.11	-1.08
	114	0.16	-3.66e-002	-4.69e-002	1.63	-1.10	-0.79
798	108	-4.28e-003	-4.07e-002	-1.08e-004	2.46	-2.18	0.22
	113	-4.28e-003	-3.66e-002	-9.31e-003	2.53	-1.89	-0.32
	114	0.25	-3.66e-002	-9.17e-003	1.67	-1.02	-5.92e-002
	109	0.25	-4.07e-002	2.90e-005	1.72	-1.07	0.48
799	104	3.03e-002	-0.23	0.10	1.57	-2.38	0.50

	108	3.03e-002	-4.07e-002	3.40e-002	2.19	-2.41	0.12
	109	0.18	-4.07e-002	4.16e-002	1.56	-1.41	1.41
	56	0.18	-0.23	0.11	1.06	-3.16	1.79
800	100	2.14e-002	-0.36	2.89e-002	-1.22	-3.36	0.58
	104	2.14e-002	-0.23	0.10	0.62	-2.83	0.71
	56	1.42e-002	-0.23	6.99e-002	0.69	-3.47	1.27
	101	1.42e-002	-0.36	-3.87e-003	-0.84	-3.61	1.13
801	88	3.69e-002	-0.40	1.41e-002	-5.91	-3.22	-0.86
	100	3.69e-002	-0.36	8.55e-003	-2.44	-3.90	0.45
	101	7.63e-003	-0.36	-2.62e-002	-0.76	-3.70	0.93
	49	7.63e-003	-0.40	-2.07e-002	-3.20	-4.95	-0.38
802	84	3.04e-003	-0.32	-7.66e-003	-2.84	-5.09	-2.46
	88	3.04e-003	-0.40	-6.14e-003	-5.83	-4.88	-1.47
	49	1.79e-002	-0.40	-2.17e-002	-3.69	-2.66	-1.68
	85	1.79e-002	-0.32	-2.33e-002	-0.48	-2.26	-2.67
803	96	-1.60e-002	-0.21	-2.66e-002	1.84	-3.54	-2.06
	84	-1.60e-002	-0.32	-1.18e-002	-0.61	-4.46	-2.36
	85	-1.50e-003	-0.32	-3.13e-002	-1.03	-2.35	-2.82
	48	-1.50e-003	-0.21	-4.60e-002	1.47	-2.58	-2.52
804	92	-2.07e-002	-0.14	-1.28e-003	2.95	-1.85	-0.79
	96	-2.07e-002	-0.21	-2.63e-002	2.92	-2.75	-1.72
	48	-1.50e-002	-0.21	-2.83e-002	1.37	-2.69	-2.39
	93	-1.50e-002	-0.14	-3.35e-003	2.32	-2.44	-1.46
805	80	-1.79e-002	-0.16	2.56e-002	1.98	-1.33	6.56e-002
	92	-1.79e-002	-0.14	8.53e-003	2.79	-1.66	-0.68
	93	-7.74e-003	-0.14	1.94e-002	1.91	-2.26	-1.02
	39	-7.74e-003	-0.16	3.66e-002	1.13	-2.00	-0.28
806	75	-1.08e-002	-0.20	6.54e-003	-1.15	-1.51	0.44
	80	-1.08e-002	-0.16	2.70e-002	0.89	-1.57	0.25
	39	6.51e-003	-0.16	4.24e-002	0.35	-1.74	-7.22e-002
	77	6.51e-003	-0.20	2.20e-002	-1.12	-1.31	0.11
807	76	4.95e-003	-0.21	6.48e-003	-4.65	-1.41	8.52e-003
	75	4.95e-003	-0.20	4.65e-003	-2.49	-1.66	0.39
	77	2.16e-002	-0.20	5.92e-003	-1.89	-1.18	8.83e-002
	38	2.16e-002	-0.21	7.75e-003	-3.49	-1.16	-0.30

SFORZI "Vy" (Fase 1)

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
206	230	-10.55	0.00	0.00	0.00	0.00	0.00
	234	10.55	0.00	0.00	0.00	0.00	0.00
207	232	2.73	0.00	0.00	0.00	0.00	0.00
	238	-2.73	0.00	0.00	0.00	0.00	0.00
208	319	33.59	0.00	0.00	0.00	0.00	0.00
	322	-33.59	0.00	0.00	0.00	0.00	0.00
209	285	62.49	0.00	0.00	0.00	0.00	0.00
	286	-62.49	0.00	0.00	0.00	0.00	0.00
210	456	62.26	0.00	0.00	0.00	0.00	0.00
	470	-62.26	0.00	0.00	0.00	0.00	0.00
211	458	40.96	0.00	0.00	0.00	0.00	0.00
	474	-40.96	0.00	0.00	0.00	0.00	0.00
212	460	21.83	0.00	0.00	0.00	0.00	0.00
	478	-21.83	0.00	0.00	0.00	0.00	0.00
213	462	10.93	0.00	0.00	0.00	0.00	0.00
	482	-10.93	0.00	0.00	0.00	0.00	0.00
214	464	14.23	0.00	0.00	0.00	0.00	0.00
	486	-14.23	0.00	0.00	0.00	0.00	0.00
215	12	41.17	0.00	0.00	0.00	0.00	0.00

	16	-41.17	0.00	0.00	0.00	0.00	0.00
216	466	30.32	0.00	0.00	0.00	0.00	0.00
	490	-30.32	0.00	0.00	0.00	0.00	0.00
371	137	41.85	0.00	0.00	0.00	0.00	0.00
	135	-41.85	0.00	0.00	0.00	0.00	0.00
11	681	6.08	3.82	-0.14	-0.91	4.33	4.43
	63	-6.08	-3.82	0.14	0.91	6.29	295.26
12	66	5.73	2.92	0.21	1.07	-9.28	235.28
	681	-5.73	-2.92	-0.21	-1.07	-7.04	-6.36
13	681	1.51	3.04	0.14	1.00e+000	-4.32	-0.73
	65	-1.51	-3.04	-0.14	-1.00e+000	-6.43	239.21
14	64	1.16	3.94	-0.21	-0.90	9.12	310.55
	681	-1.16	-3.94	0.21	0.90	7.03	-1.29
15	679	395.56	-0.32	-20.99	0.00	3568.16	-54.51
	627	-395.56	0.32	20.99	0.00	-1259.35	19.24
16	20	395.56	-0.32	-20.99	0.00	5037.40	-76.95
	679	-395.56	0.32	20.99	0.00	-3568.16	54.51
17	678	-395.73	1.36	-20.97	0.00	3564.20	230.36
	625	395.73	-1.36	20.97	0.00	-1257.95	-81.30
18	10	-395.73	1.36	-20.97	-2.27e-013	5031.82	325.21
	678	395.73	-1.36	20.97	2.27e-013	-3564.20	-230.36
19	627	395.56	-0.32	-20.99	0.00	1259.35	-19.24
	710	-395.56	0.32	20.99	0.00	0.00	0.00
20	625	-395.73	1.36	-20.97	0.00	1257.95	81.30
	60	395.73	-1.36	20.97	0.00	0.00	0.00
21	138	-221.32	1.22	-53.44	0.00	8216.74	292.32
	701	221.32	-1.22	15.04	0.00	0.00	0.00
22	134	214.58	-0.98	-75.71	0.00	9242.49	-235.01
	698	-214.58	0.98	1.31	0.00	0.00	0.00
23	624	-3.83	2.09	1.55	6.52e-002	-67.07	90.14
	623	3.83	-2.09	-1.55	-6.52e-002	-106.93	144.16
24	624	0.24	2.20	-22.89	0.00	438.58	220.05
	703	-0.24	-2.20	-14.11	0.00	0.00	0.00
25	696	2.34	-1.63	-76.24	-67.07	7486.15	-98.66
	624	-2.34	1.63	24.44	67.07	-438.64	-129.90
26	623	9.53	-2.90e-002	-22.54	0.00	404.26	-2.90
	702	-9.53	2.90e-002	-14.46	0.00	0.00	0.00
27	697	7.44	3.80	-72.79	-106.93	6968.66	385.50
	623	-7.44	-3.80	20.99	106.93	-404.20	147.06
28	166	-5.90	-2.39e-003	-4.02e-012	-5.87e-002	-11.91	0.97
	110	5.90	2.39e-003	4.02e-012	5.87e-002	11.91	-1.16
29	118	-5.90	-2.39e-003	-4.80e-012	-5.87e-002	-11.91	0.78
	166	5.90	2.39e-003	4.80e-012	5.87e-002	11.91	-0.97
30	158	1.50	-8.68e-006	-4.80e-012	-5.88e-002	2.63	1.12e-002
	69	-1.50	8.68e-006	4.80e-012	5.88e-002	-2.63	-1.19e-002
31	74	1.50	-8.68e-006	-4.48e-012	-5.88e-002	2.63	1.05e-002
	158	-1.50	8.68e-006	4.48e-012	5.88e-002	-2.63	-1.12e-002
32	153	-0.28	4.43e-007	-4.28e-012	-5.88e-002	-0.55	1.17e-004
	70	0.28	-4.43e-007	4.28e-012	5.88e-002	0.55	-8.15e-005
33	81	-0.28	4.43e-007	-4.53e-012	-5.88e-002	-0.55	1.52e-004
	153	0.28	-4.43e-007	4.53e-012	5.88e-002	0.55	-1.17e-004
34	145	5.93e-002	-5.14e-006	-3.47e-012	-5.88e-002	0.12	1.22e-006
	73	-5.93e-002	5.14e-006	3.47e-012	5.88e-002	-0.12	-4.13e-004

35	89	5.93e-002	-5.14e-006	-2.82e-012	-5.88e-002	0.12	-4.10e-004
	145	-5.93e-002	5.14e-006	2.82e-012	5.88e-002	-0.12	-1.22e-006
36	136	-1.00e-002	-1.39e-003	-2.23e-012	-5.88e-002	-4.38e-002	1.42e-008
	97	1.00e-002	1.39e-003	2.23e-012	5.88e-002	4.38e-002	-0.11
37	105	-1.00e-002	-1.39e-003	-2.37e-012	-5.88e-002	-4.38e-002	-0.11
	136	1.00e-002	1.39e-003	2.37e-012	5.88e-002	4.38e-002	-1.42e-008
38	118	1.75e-010	9.64e-004	1.27	0.10	-69.19	8.37e-002
	74	-1.75e-010	-9.64e-004	-1.27	-0.10	-16.53	-1.85e-002
39	579	4.66e-010	-1.42e-003	-4.63	-0.68	0.00	0.00
	118	-4.66e-010	1.42e-003	4.63	0.68	81.10	-2.49e-002
40	110	1.46e-010	-9.64e-004	-1.27	0.12	69.19	-8.37e-002
	69	-1.46e-010	9.64e-004	1.27	-0.12	16.53	1.85e-002
41	516	3.49e-010	1.42e-003	4.63	1.29	0.00	0.00
	110	-3.49e-010	-1.42e-003	-4.63	-1.29	-81.10	2.49e-002
42	105	1.16e-010	2.37e-003	0.00	2.78e-017	-2.68e-011	4.14e-002
	68	-1.16e-010	-2.37e-003	0.00	-2.78e-017	3.37e-011	3.64e-012
43	89	1.46e-010	9.78e-004	-1.00e-002	0.11	0.63	4.87e-002
	105	-1.46e-010	-9.78e-004	1.00e-002	-0.11	4.38e-002	1.74e-002
44	97	1.16e-010	-2.37e-003	1.14e-012	2.78e-017	-2.91e-011	-4.14e-002
	67	-1.16e-010	2.37e-003	-1.14e-012	-2.78e-017	2.91e-011	3.64e-012
45	73	1.46e-010	-9.78e-004	1.00e-002	0.11	-0.63	-4.87e-002
	97	-1.46e-010	9.78e-004	-1.00e-002	-0.11	-4.38e-002	-1.74e-002
46	81	1.46e-010	9.73e-004	4.93e-002	0.11	-2.95	6.30e-002
	89	-1.46e-010	-9.73e-004	-4.93e-002	-0.11	-0.75	1.01e-002
47	74	1.16e-010	9.73e-004	-0.23	0.11	13.90	7.73e-002
	81	-1.16e-010	-9.73e-004	0.23	-0.11	3.50	-4.16e-003
48	70	1.75e-010	-9.73e-004	-4.93e-002	0.11	2.95	-6.30e-002
	73	-1.75e-010	9.73e-004	4.93e-002	-0.11	0.75	-1.01e-002
49	69	1.46e-010	-9.73e-004	0.23	0.11	-13.90	-7.73e-002
	70	-1.46e-010	9.73e-004	-0.23	-0.11	-3.50	4.16e-003
50	63	30.81	-14.77	6.89e-002	-1.56	-3.72	325.88
	700	-30.81	14.77	-6.89e-002	1.56	-1.21	-1382.91
51	698	-27.51	-16.88	-4.98e-002	1.90	-0.30	-1664.96
	66	27.51	16.88	4.98e-002	-1.90	3.86	456.31
52	65	27.03	-17.35	-6.58e-002	1.85	3.65	486.23
	701	-27.03	17.35	6.58e-002	-1.85	1.06	-1728.42
53	699	-31.13	-15.25	5.29e-002	-1.53	0.14	-1423.07
	64	31.13	15.25	-5.29e-002	1.53	-3.92	331.60
54	65	-1.58	-22.08	-0.69	0.23	17.19	-1159.49
	710	1.58	22.08	0.69	-0.23	19.83	-32.63
55	63	17.81	0.78	6.35e-003	6.91e-002	1.07	-532.59
	65	-17.81	-0.78	-6.35e-003	-6.91e-002	-1.78	619.65
56	58	-1.26	18.86	0.74	-2.03e-002	-21.47	27.15
	63	1.26	-18.86	-0.74	2.03e-002	-18.48	991.16
57	66	-1.40	22.92	-0.80	0.17	20.48	1206.04
	60	1.40	-22.92	0.80	-0.17	22.75	31.88
58	64	-26.35	-1.72	6.35e-003	0.12	1.16	498.45
	66	26.35	1.72	-6.35e-003	-0.12	-1.87	-691.57
59	59	-1.85	-18.52	0.85	-4.82e-002	-24.26	-27.59
	64	1.85	18.52	-0.85	4.82e-002	-21.67	-972.23
60	706	34.93	19.38	0.42	-1.62	-13.57	-19.16
	66	-34.93	-19.38	-0.42	1.62	-6.24	930.03
61	66	11.86	-25.07	0.13	1.30	-6.95	-1395.18

	65	-11.86	25.07	-0.13	-1.30	-6.87	-1362.29
62	65	-5.67	18.18	0.34	-1.62	-5.75	874.61
	702	5.67	-18.18	-0.34	1.62	-10.24	-20.37
63	63	-5.11	15.55	-0.43	1.25	7.64	748.40
	703	5.11	-15.55	0.43	-1.25	12.62	-17.70
64	64	11.74	-21.12	-0.13	-1.23	7.28	-1153.02
	63	-11.74	21.12	0.13	1.23	7.19	-1169.85
65	707	34.02	14.86	-0.51	1.23	15.82	-18.60
	64	-34.02	-14.86	0.51	-1.23	8.02	717.03
77	702	-23.27	25.98	-8.71	21.24	220.85	85.09
	701	23.27	-25.98	8.71	-21.24	249.72	1317.91
78	703	-23.58	-1.72	7.82e-002	0.88	201.85	-109.38
	702	23.58	1.72	-7.82e-002	-0.88	-210.61	-83.46
79	700	-25.35	-17.51	9.08	-16.83	-275.82	-1053.85
	703	25.35	17.51	-9.08	16.83	-214.48	108.13
80	706	25.35	-19.46	-12.21	20.65	303.44	218.56
	698	-25.35	19.46	12.21	-20.65	355.95	-1269.26
81	707	26.44	-2.85	0.12	1.49	276.95	-98.70
	706	-26.44	2.85	-0.12	-1.49	-289.86	-220.18
82	699	26.71	21.94	12.42	-17.10	-377.64	1084.60
	707	-26.71	-21.94	-12.42	17.10	-292.78	99.92
83	710	-11.47	212.69	1.71	-15.37	170.49	8839.05
	701	11.47	-212.69	-1.71	15.37	-250.78	1157.39
84	60	8.83	-160.80	3.61	17.26	-206.77	-8848.88
	710	-8.83	160.80	-3.61	-17.26	-190.32	-8838.82
85	698	29.00	212.00	3.65	-14.62	-355.65	1115.18
	60	-29.00	-212.00	-3.65	14.62	184.02	8849.05
86	58	-14.32	178.33	-2.48	11.73	-160.60	7455.62
	700	14.32	-178.33	2.48	-11.73	277.03	925.92
87	59	8.65	-135.49	-3.47	-15.42	199.75	-7448.03
	58	-8.65	135.49	3.47	15.42	182.07	-7455.60
88	699	31.57	178.74	-4.30	12.17	377.50	952.54
	59	-31.57	-178.74	4.30	-12.17	-175.49	7448.08
89	708	-332.74	-1.02	-23.77	0.00	5704.71	-244.82
	59	332.74	1.02	23.77	0.00	0.00	0.00
90	709	332.68	-0.26	-23.71	0.00	5689.46	-63.16
	58	-332.68	0.26	23.71	0.00	0.00	0.00
95	704	-9.92	-0.78	-126.48	0.00	9619.40	-188.01
	707	9.92	0.78	-46.32	0.00	0.00	0.00
96	705	2.77	-0.67	-125.54	0.00	9393.96	-159.90
	706	-2.77	0.67	-47.26	0.00	0.00	0.00
101	142	185.43	-1.04	-75.73	0.00	9246.97	-248.84
	699	-185.43	1.04	1.33	0.00	0.00	0.00
102	131	-181.08	0.33	-53.44	0.00	8218.26	78.02
	700	181.08	-0.33	15.04	0.00	0.00	0.00
217	280	41.85	-216.05	-5.40	-3.88e-002	287.84	-9301.35
	274	-41.85	216.05	5.40	3.88e-002	176.81	-9278.96
218	127	70.19	-399.22	-2.43	-0.15	369.65	-17157.38
	616	-70.19	399.22	2.43	0.15	-160.74	-17175.84
219	404	65.75	-11.76	-11.99	0.67	1043.30	-524.69
	428	-65.75	11.76	11.99	-0.67	35.98	-533.64
224	62	88.32	-412.72	-0.95	-3.89e-002	261.06	-17747.32
	608	-88.32	412.72	0.95	3.89e-002	-179.37	-17746.69

225	112	92.43	-426.97	-0.69	-3.86e-002	308.17	-18357.11
	612	-92.43	426.97	0.69	3.86e-002	-248.60	-18362.02
226	400	58.01	-13.18	-17.22	-0.14	1256.88	-584.27
	420	-58.01	13.18	17.22	0.14	293.14	-601.73
227	396	114.94	-9.73	-10.92	-0.64	873.24	-417.02
	412	-114.94	9.73	10.92	0.64	109.29	-458.63
686	288	78.43	-343.34	-2.59	0.13	234.58	-14760.75
	283	-78.43	343.34	2.59	-0.13	-11.80	-14766.71
91	709	-716.04	95.62	-9.46	6.86	-75.77	3423.70
	40	716.04	-95.62	9.46	-6.86	312.31	-1033.09
92	132	-1586.47	492.93	-10.86	44.02	540.50	10817.67
	709	1586.47	-492.93	10.86	-44.02	-410.20	-4902.51
93	708	782.31	-94.44	0.34	-267.43	-1796.78	-3458.28
	53	-782.31	94.44	-0.34	267.43	1788.38	1097.26
94	139	1654.65	-497.97	24.77	-604.68	-2415.61	-10931.30
	708	-1654.65	497.97	-24.77	604.68	2118.40	4955.63
97	705	13.51	-8.49	-13.89	777.71	-4041.94	65.02
	150	-13.51	8.49	13.89	-777.71	4194.74	-158.38
98	5	33.09	-3.64	-53.07	-734.61	-1792.51	-67.00
	705	-33.09	3.64	53.07	734.61	3066.16	-20.33
99	704	81.71	17.94	12.84	-244.84	3062.09	-136.26
	147	-81.71	-17.94	-12.84	244.84	-3203.29	333.55
100	160	45.94	7.93	57.49	1168.66	894.74	20.36
	704	-45.94	-7.93	-57.49	-1168.66	-2274.53	169.99
103	697	0.56	-3.03	4.78	-224.86	-58.60	-15.13
	146	-0.56	3.03	-4.78	224.86	29.91	-3.04
104	25	-17.08	0.81	-20.41	-615.25	189.49	59.53
	697	17.08	-0.81	20.41	615.25	300.42	-40.19
105	696	0.84	-4.36	-5.45	274.30	67.50	-15.63
	143	-0.84	4.36	5.45	-274.30	-34.78	-10.55
106	33	1.97	-3.26	20.03	700.70	-215.37	-42.69
	696	-1.97	3.26	-20.03	-700.70	-265.28	-35.63
107	205	-5.37e-007	1.61e-010	-2.63e-010	-2.68e-008	1.97e-008	-1.87e-008
	222	5.37e-007	-1.61e-010	2.63e-010	2.68e-008	-1.18e-008	2.35e-008
108	212	-9.25e-007	-2.19e-010	3.88e-012	6.33e-009	9.41e-009	-2.65e-008
	204	9.25e-007	2.19e-010	-3.88e-012	-6.33e-009	-9.53e-009	1.99e-008
109	312	2.45e-006	1.82e-009	7.58e-010	-4.35e-008	1.57e-008	5.05e-008
	205	-2.45e-006	-1.82e-009	-7.58e-010	4.35e-008	-4.10e-008	1.03e-008
110	308	3.46e-006	1.73e-011	6.93e-011	-1.68e-008	2.28e-008	1.27e-008
	312	-3.46e-006	-1.73e-011	-6.93e-011	1.68e-008	-2.51e-008	-1.21e-008
111	204	1.55e-006	-2.15e-009	-4.97e-010	7.97e-009	3.12e-008	-1.96e-008
	308	-1.55e-006	2.15e-009	4.97e-010	-7.97e-009	-1.47e-008	-5.22e-008
112	32	2.52e-007	-4.05e-011	-3.51	-3.00e-008	21.68	-2.76e-009
	143	-2.52e-007	4.05e-011	-3.52	3.00e-008	-21.68	1.26e-009
113	30	3.34e-007	-6.21e-011	-3.51	-1.65e-008	21.68	-3.59e-009
	32	-3.34e-007	6.21e-011	-3.52	1.65e-008	-21.68	1.29e-009
114	364	-2.82e-007	2.33e-010	-3.51	-1.61e-008	21.68	4.05e-009
	30	2.82e-007	-2.33e-010	-3.52	1.61e-008	-21.68	4.57e-009
115	27	1.05e-007	-8.60e-011	-3.51	2.48e-008	21.68	-7.28e-010
	146	-1.05e-007	8.60e-011	-3.52	-2.48e-008	-21.68	-2.45e-009
116	26	-3.50e-007	-4.60e-011	-3.51	1.65e-008	21.68	-3.38e-009
	27	3.50e-007	4.60e-011	-3.52	-1.65e-008	-21.68	1.68e-009
117	365	-6.55e-007	-4.30e-010	-3.52	1.51e-008	21.68	-1.16e-008

	26	6.55e-007	4.30e-010	-3.51	-1.51e-008	-21.68	-4.29e-009
118	3	3.62e-007	-2.39e-010	-7.03	-4.41e-008	43.35	-8.93e-010
	150	-3.62e-007	2.39e-010	-7.03	4.41e-008	-43.35	-7.94e-009
119	168	2.12e-007	1.34e-010	-7.03	-1.13e-008	43.35	3.87e-009
	3	-2.12e-007	-1.34e-010	-7.03	1.13e-008	-43.35	1.10e-009
120	367	5.80e-009	1.18e-010	-7.03	-7.41e-009	43.35	4.04e-009
	168	-5.80e-009	-1.18e-010	-7.03	7.41e-009	-43.35	3.19e-010
121	428	-3.39e-007	7.07e-011	-8.84	-3.08e-009	68.58	2.31e-009
	367	3.39e-007	-7.07e-011	-8.84	3.08e-009	-68.58	9.82e-010
122	426	-4.56e-007	-6.48e-011	-8.84	2.04e-009	68.58	1.18e-009
	428	4.56e-007	6.48e-011	-8.84	-2.04e-009	-68.58	-4.19e-009
123	424	-1.13e-006	1.35e-010	-8.84	5.12e-009	68.58	3.92e-009
	426	1.13e-006	-1.35e-010	-8.84	-5.12e-009	-68.58	2.39e-009
124	422	-1.65e-006	1.41e-010	-8.84	7.52e-009	68.58	3.92e-009
	424	1.65e-006	-1.41e-010	-8.84	-7.52e-009	-68.58	2.64e-009
125	420	-2.21e-006	1.07e-010	-8.84	9.53e-009	68.58	1.92e-009
	422	2.21e-006	-1.07e-010	-8.84	-9.53e-009	-68.58	3.04e-009
126	418	-2.45e-006	-1.33e-011	-8.84	1.56e-008	68.58	1.40e-009
	420	2.45e-006	1.33e-011	-8.84	-1.56e-008	-68.58	-2.02e-009
127	416	-3.28e-006	1.89e-010	-8.84	1.75e-008	68.58	4.18e-009
	418	3.28e-006	-1.89e-010	-8.84	-1.75e-008	-68.58	4.63e-009
128	414	-3.96e-006	1.95e-010	-8.84	1.97e-008	68.58	4.22e-009
	416	3.96e-006	-1.95e-010	-8.84	-1.97e-008	-68.58	4.84e-009
129	412	-4.63e-006	2.69e-010	-8.84	2.21e-008	68.58	5.29e-009
	414	4.63e-006	-2.69e-010	-8.84	-2.21e-008	-68.58	7.24e-009
130	410	-5.29e-006	3.17e-011	-8.84	2.71e-008	68.58	1.17e-009
	412	5.29e-006	-3.17e-011	-8.84	-2.71e-008	-68.58	3.02e-010
131	408	-6.61e-006	2.98e-010	-8.84	3.11e-008	68.58	4.56e-009
	410	6.61e-006	-2.98e-010	-8.84	-3.11e-008	-68.58	9.29e-009
132	406	-7.77e-006	3.15e-010	-8.84	3.74e-008	68.58	4.24e-009
	408	7.77e-006	-3.15e-010	-8.84	-3.74e-008	-68.58	1.04e-008
133	293	-1.04e-005	-9.34e-010	-8.84	5.46e-008	68.58	-3.68e-008
	406	1.04e-005	9.34e-010	-8.84	-5.46e-008	-68.58	-6.64e-009
134	164	-8.24e-007	-2.48e-010	-7.03	1.56e-008	43.35	1.79e-009
	147	8.24e-007	2.48e-010	-7.03	-1.56e-008	-43.35	-1.09e-008
135	163	-9.13e-007	-3.87e-011	-7.03	2.07e-009	43.35	1.86e-009
	164	9.13e-007	3.87e-011	-7.03	-2.07e-009	-43.35	-3.29e-009
136	366	-7.91e-007	-2.43e-011	-7.03	5.17e-009	43.35	2.07e-009
	163	7.91e-007	2.43e-011	-7.03	-5.17e-009	-43.35	-2.97e-009
137	404	-5.74e-007	-2.15e-010	-8.84	7.28e-010	68.58	-5.07e-009
	366	5.74e-007	2.15e-010	-8.84	-7.28e-010	-68.58	-4.94e-009
138	403	-1.12e-006	-7.99e-011	-8.84	6.33e-009	68.58	9.90e-010
	404	1.12e-006	7.99e-011	-8.84	-6.33e-009	-68.58	-4.71e-009
139	402	-1.26e-006	-7.37e-011	-8.84	3.57e-009	68.58	-5.92e-011
	403	1.26e-006	7.37e-011	-8.84	-3.57e-009	-68.58	-3.37e-009
140	401	-1.16e-006	-7.89e-011	-8.84	-1.45e-010	68.58	-1.66e-009
	402	1.16e-006	7.89e-011	-8.84	1.45e-010	-68.58	-2.01e-009
141	400	-1.14e-006	-2.73e-010	-8.84	-8.00e-009	68.58	-8.44e-009
	401	1.14e-006	2.73e-010	-8.84	8.00e-009	-68.58	-4.27e-009
142	399	-1.97e-006	-1.51e-010	-8.84	-9.71e-010	68.58	-2.20e-009
	400	1.97e-006	1.51e-010	-8.84	9.71e-010	-68.58	-4.83e-009
143	398	-2.33e-006	-1.22e-010	-8.84	-4.05e-009	68.58	-2.57e-009
	399	2.33e-006	1.22e-010	-8.84	4.05e-009	-68.58	-3.12e-009

144	397	-2.45e-006	-1.31e-010	-8.84	-7.77e-009	68.58	-4.09e-009
	398	2.45e-006	1.31e-010	-8.84	7.77e-009	-68.58	-2.02e-009
145	396	-2.64e-006	-3.74e-010	-8.84	-1.52e-008	68.58	-1.17e-008
	397	2.64e-006	3.74e-010	-8.84	1.52e-008	-68.58	-5.69e-009
146	395	-3.74e-006	-1.36e-010	-8.84	-1.22e-008	68.58	-3.13e-009
	396	3.74e-006	1.36e-010	-8.84	1.22e-008	-68.58	-3.20e-009
147	394	-4.66e-006	-2.27e-010	-8.84	-1.63e-008	68.58	-4.68e-009
	395	4.66e-006	2.27e-010	-8.84	1.63e-008	-68.58	-5.90e-009
148	393	-5.29e-006	-2.54e-010	-8.84	-2.29e-008	68.58	-6.13e-009
	394	5.29e-006	2.54e-010	-8.84	2.29e-008	-68.58	-5.67e-009
149	292	-7.11e-006	5.35e-010	-8.84	-3.75e-008	68.58	2.00e-008
	393	7.11e-006	-5.35e-010	-8.84	3.75e-008	-68.58	4.87e-009
150	221	-1.36e-005	3.44e-009	-5.51	-2.44e-009	26.63	2.80e-008
	205	1.36e-005	-3.44e-009	-5.51	2.44e-009	-26.63	7.18e-008
151	219	-1.17e-005	1.52e-010	-8.36	2.92e-009	61.31	2.03e-009
	221	1.17e-005	-1.52e-010	-8.36	-2.92e-009	-61.31	4.66e-009
152	217	-1.21e-005	2.04e-010	-8.36	8.53e-009	61.31	2.81e-009
	219	1.21e-005	-2.04e-010	-8.36	-8.53e-009	-61.31	6.15e-009
153	180	-1.24e-005	1.78e-010	-8.36	1.37e-008	61.31	3.07e-009
	217	1.24e-005	-1.78e-010	-8.36	-1.37e-008	-61.31	4.75e-009
154	57	-1.56e-005	-1.59e-009	-9.31	1.95e-008	76.03	-5.73e-008
	180	1.56e-005	1.59e-009	-9.31	-1.95e-008	-76.03	-2.07e-008
155	215	-1.47e-005	-4.11e-009	-5.51	6.65e-009	26.63	-3.20e-008
	204	1.47e-005	4.11e-009	-5.51	-6.65e-009	-26.63	-8.72e-008
156	214	-1.19e-005	-5.28e-011	-8.36	1.93e-009	61.31	2.99e-010
	215	1.19e-005	5.28e-011	-8.36	-1.93e-009	-61.31	-2.62e-009
157	213	-1.14e-005	-1.20e-010	-8.36	-8.82e-010	61.31	-3.28e-009
	214	1.14e-005	1.20e-010	-8.36	8.82e-010	-61.31	-2.02e-009
158	179	-1.16e-005	-1.03e-010	-8.36	-9.01e-009	61.31	-4.08e-009
	213	1.16e-005	1.03e-010	-8.36	9.01e-009	-61.31	-4.42e-010
159	56	-1.50e-005	1.58e-009	-9.31	-1.65e-008	76.03	5.75e-008
	179	1.50e-005	-1.58e-009	-9.31	1.65e-008	-76.03	2.00e-008
160	42	2.08e-005	2.74e-011	-1.42e-008	-6.90e-009	7.05e-008	1.46e-009
	132	-2.08e-005	-2.74e-011	1.42e-008	6.90e-009	4.54e-007	-4.46e-010
161	41	7.38e-006	4.82e-012	6.91e-011	-7.00e-009	7.68e-009	-8.00e-010
	42	-7.38e-006	-4.82e-012	-6.91e-011	7.00e-009	-1.02e-008	9.78e-010
162	357	5.44e-006	3.73e-011	3.34e-010	-8.40e-009	-2.53e-008	7.23e-010
	41	-5.44e-006	-3.73e-011	-3.34e-010	8.40e-009	1.30e-008	6.55e-010
163	616	1.05e-006	-9.97e-012	-2.81e-009	-7.09e-009	9.46e-008	3.79e-010
	357	-1.05e-006	9.97e-012	2.81e-009	7.09e-009	3.62e-008	-8.43e-010
164	615	9.43e-006	-2.87e-011	-3.01e-009	-6.23e-009	2.57e-008	-2.18e-009
	616	-9.43e-006	2.87e-011	3.01e-009	6.23e-009	1.14e-007	8.48e-010
165	614	4.40e-006	1.14e-011	4.65e-010	-4.13e-009	-1.33e-008	-2.10e-009
	615	-4.40e-006	-1.14e-011	-4.65e-010	4.13e-009	-8.37e-009	2.64e-009
166	613	2.00e-006	1.65e-011	4.66e-010	-1.48e-009	-1.62e-008	-1.28e-009
	614	-2.00e-006	-1.65e-011	-4.66e-010	1.48e-009	-5.54e-009	2.05e-009
167	612	-3.07e-006	1.37e-012	-2.97e-009	2.04e-009	1.06e-007	-1.57e-009
	613	3.07e-006	-1.37e-012	2.97e-009	-2.04e-009	3.21e-008	1.63e-009
168	611	5.69e-006	-1.79e-011	-3.17e-009	3.12e-009	3.48e-008	-3.31e-009
	612	-5.69e-006	1.79e-011	3.17e-009	-3.12e-009	1.13e-007	2.48e-009
169	610	1.69e-008	2.68e-011	5.27e-010	5.88e-009	-6.80e-009	-2.10e-009
	611	-1.69e-008	-2.68e-011	-5.27e-010	-5.88e-009	-1.77e-008	3.34e-009
170	609	-2.80e-006	2.53e-011	5.21e-010	8.43e-009	-8.48e-009	-7.53e-010

	610	2.80e-006	-2.53e-011	-5.21e-010	-8.43e-009	-1.58e-008	1.93e-009
171	608	-8.11e-006	2.75e-012	-2.81e-009	1.12e-008	1.11e-007	-9.36e-010
	609	8.11e-006	-2.75e-012	2.81e-009	-1.12e-008	1.99e-008	1.06e-009
172	607	4.03e-008	-9.50e-012	-3.00e-009	1.17e-008	4.23e-008	-2.27e-009
	608	-4.03e-008	9.50e-012	3.00e-009	-1.17e-008	9.74e-008	1.83e-009
173	606	-5.72e-006	2.90e-011	5.70e-010	1.30e-008	2.32e-009	-9.97e-010
	607	5.72e-006	-2.90e-011	-5.70e-010	-1.30e-008	-2.88e-008	2.35e-009
174	605	-8.74e-006	2.60e-011	5.68e-010	1.39e-008	1.18e-009	3.14e-010
	606	8.74e-006	-2.60e-011	-5.68e-010	-1.39e-008	-2.76e-008	8.95e-010
175	283	-1.40e-005	-6.25e-012	-2.31e-009	1.45e-008	1.06e-007	-1.95e-010
	605	1.40e-005	6.25e-012	2.31e-009	-1.45e-008	1.18e-009	-9.55e-011
176	350	-7.36e-006	4.21e-012	-2.94e-009	1.44e-008	4.88e-008	-6.97e-010
	283	7.36e-006	-4.21e-012	2.94e-009	-1.44e-008	7.65e-008	8.77e-010
177	349	-1.31e-005	3.48e-011	7.97e-010	1.32e-008	1.16e-008	5.74e-010
	350	1.31e-005	-3.48e-011	-7.97e-010	-1.32e-008	-4.56e-008	9.11e-010
178	195	-1.69e-005	1.88e-011	4.33e-010	1.18e-008	1.68e-008	1.31e-009
	349	1.69e-005	-1.88e-011	-4.33e-010	-1.18e-008	-4.18e-008	-2.25e-010
179	274	-2.31e-005	-2.74e-011	-3.88e-009	8.90e-009	1.33e-007	9.81e-010
	195	2.31e-005	2.74e-011	3.88e-009	-8.90e-009	-2.01e-008	-1.77e-009
180	273	-1.84e-005	5.39e-011	-1.73e-009	7.33e-009	5.21e-008	3.07e-009
	274	1.84e-005	-5.39e-011	1.73e-009	-7.33e-009	2.39e-008	-6.93e-010
181	272	-2.44e-005	3.65e-011	8.64e-010	1.03e-009	2.93e-008	5.48e-009
	273	2.44e-005	-3.65e-011	-8.64e-010	-1.03e-009	-6.73e-008	-3.88e-009
182	170	-3.48e-005	-2.30e-010	-6.48e-009	-4.14e-009	2.46e-007	-2.12e-009
	272	3.48e-005	2.30e-010	6.48e-009	4.14e-009	3.88e-008	-7.99e-009
183	52	-2.09e-005	-1.16e-010	-1.42e-008	4.20e-008	6.98e-008	-4.12e-009
	139	2.09e-005	1.16e-010	1.42e-008	-4.20e-008	4.57e-007	-1.73e-010
184	50	-7.16e-006	-5.47e-011	7.84e-011	1.59e-008	7.72e-009	-6.38e-010
	52	7.16e-006	5.47e-011	-7.84e-011	-1.59e-008	-1.06e-008	-1.39e-009
185	362	-5.09e-006	-4.14e-011	3.48e-010	7.96e-009	-2.51e-008	9.62e-011
	50	5.09e-006	4.14e-011	-3.48e-010	-7.96e-009	1.22e-008	-1.63e-009
186	127	-7.11e-007	1.96e-011	-3.01e-009	4.38e-009	1.00e-007	8.28e-010
	362	7.11e-007	-1.96e-011	3.01e-009	-4.38e-009	4.02e-008	8.31e-011
187	124	-9.44e-006	-1.90e-011	-2.91e-009	5.16e-009	2.32e-008	5.52e-010
	127	9.44e-006	1.90e-011	2.91e-009	-5.16e-009	1.12e-007	-1.44e-009
188	120	-4.90e-006	-2.80e-011	3.88e-010	1.84e-009	-1.28e-008	-4.76e-010
	124	4.90e-006	2.80e-011	-3.88e-010	-1.84e-009	-5.24e-009	-8.26e-010
189	116	-2.55e-006	-2.97e-011	4.15e-010	-7.41e-010	-1.58e-008	-2.35e-009
	120	2.55e-006	2.97e-011	-4.15e-010	7.41e-010	-3.57e-009	9.65e-010
190	112	2.75e-006	2.38e-011	-3.25e-009	-3.06e-009	1.14e-007	-1.57e-009
	116	-2.75e-006	-2.38e-011	3.25e-009	3.06e-009	3.75e-008	2.68e-009
191	107	-6.27e-006	-6.23e-012	-3.02e-009	-2.93e-009	3.19e-008	-9.51e-010
	112	6.27e-006	6.23e-012	3.02e-009	2.93e-009	1.09e-007	6.61e-010
192	103	-1.20e-006	-2.52e-011	4.54e-010	-6.24e-009	-6.21e-009	-1.78e-009
	107	1.20e-006	2.52e-011	-4.54e-010	6.24e-009	-1.49e-008	6.07e-010
193	99	1.50e-006	-2.85e-011	4.79e-010	-8.76e-009	-8.35e-009	-3.52e-009
	103	-1.50e-006	2.85e-011	-4.79e-010	8.76e-009	-1.39e-008	2.19e-009
194	62	7.06e-006	2.72e-011	-3.05e-009	-1.08e-008	1.17e-007	-2.48e-009
	99	-7.06e-006	-2.72e-011	3.05e-009	1.08e-008	2.48e-008	3.75e-009
195	622	-1.23e-006	1.43e-011	-2.83e-009	-1.01e-008	3.90e-008	-6.80e-010
	62	1.23e-006	-1.43e-011	2.83e-009	1.01e-008	9.28e-008	1.35e-009
196	620	4.08e-006	1.09e-011	5.33e-010	-1.14e-008	2.34e-009	7.38e-010
	622	-4.08e-006	-1.09e-011	-5.33e-010	1.14e-008	-2.72e-008	-2.32e-010

197	618	7.08e-006	1.33e-012	5.33e-010	-1.09e-008	1.74e-009	1.46e-009
	620	-7.08e-006	-1.33e-012	-5.33e-010	1.09e-008	-2.65e-008	-1.40e-009
198	288	1.24e-005	-6.86e-012	-2.57e-009	-9.99e-009	1.13e-007	1.46e-009
	618	-1.24e-005	6.86e-012	2.57e-009	9.99e-009	6.05e-009	-1.78e-009
199	354	5.44e-006	-6.95e-011	-2.84e-009	-6.61e-009	4.74e-008	-1.91e-009
	288	-5.44e-006	6.95e-011	2.84e-009	6.61e-009	7.38e-008	-1.05e-009
200	352	1.04e-005	-3.40e-011	6.88e-010	-5.64e-009	1.22e-008	-4.21e-009
	354	-1.04e-005	3.40e-011	-6.88e-010	5.64e-009	-4.15e-008	2.76e-009
201	200	1.40e-005	4.46e-011	4.32e-010	-4.37e-009	1.48e-008	-1.12e-009
	352	-1.40e-005	-4.46e-011	-4.32e-010	4.37e-009	-3.97e-008	3.69e-009
202	280	2.07e-005	1.00e-010	-4.21e-009	-7.18e-009	1.38e-007	2.95e-009
	200	-2.07e-005	-1.00e-010	4.21e-009	7.18e-009	-1.61e-008	-3.69e-011
203	278	1.61e-005	-6.46e-011	-1.64e-009	-7.91e-009	5.09e-008	3.91e-010
	280	-1.61e-005	6.46e-011	1.64e-009	7.91e-009	2.14e-008	-3.23e-009
204	276	2.23e-005	-3.28e-011	8.36e-010	-1.29e-008	3.14e-008	-2.63e-009
	278	-2.23e-005	3.28e-011	-8.36e-010	1.29e-008	-6.82e-008	1.19e-009
205	175	3.19e-005	3.55e-010	-6.04e-009	-1.78e-008	2.34e-007	9.72e-009
	276	-3.19e-005	-3.55e-010	6.04e-009	1.78e-008	3.21e-008	5.89e-009
220	14	8452.92	11.33	-648.31	0.00	6483.10	113.35
	192	-8452.92	-11.33	648.31	0.00	0.00	0.00
221	11	8734.83	-4.02	-648.19	0.00	6481.91	-40.25
	191	-8734.83	4.02	648.19	0.00	0.00	0.00
222	4	-8452.92	474.20	-903.48	0.00	9034.79	4742.00
	695	8452.92	-474.20	903.48	0.00	0.00	0.00
223	1	-8734.83	-481.51	-888.98	0.00	8889.79	-4815.10
	694	8734.83	481.51	888.98	0.00	0.00	0.00
228	20	-139.72	-49.00	11.15	-134.28	206.73	-861.28
	138	139.72	49.00	-11.15	134.28	-730.93	-1441.93
229	137	-15.32	-3.67	3.76	-49.81	31.71	-68.97
	20	15.32	3.67	-3.76	49.81	-208.64	-103.49
230	10	61.51	-1.79	2.25	-39.34	-127.31	-86.27
	135	-61.51	1.79	-2.25	39.34	21.45	2.14
231	134	191.52	-51.97	10.01	-96.03	-560.13	-1582.19
	10	-191.52	51.97	-10.01	96.03	89.68	-860.17
232	131	-562.93	-17.33	-20.01	67.49	1330.45	971.19
	40	562.93	17.33	20.01	-67.49	-890.13	-1352.34
233	53	665.52	-7.01	-16.01	-69.86	-2049.39	-1419.55
	142	-665.52	7.01	16.01	69.86	2401.70	1265.27
234	33	-5.65	-4.97	14.76	170.97	175.66	-109.54
	131	5.65	4.97	-14.76	-170.97	-618.48	-39.46
235	25	-4.27	5.25	-8.34	-190.53	-129.99	67.24
	138	4.27	-5.25	8.34	190.53	380.16	90.15
236	5	19.12	-6.94	-35.25	-107.84	855.58	-98.38
	134	-19.12	6.94	35.25	107.84	201.88	-109.73
237	160	37.25	4.66	53.24	220.97	96.07	76.21
	142	-37.25	-4.66	-53.24	-220.97	-1693.16	63.66
370	147	83.00	-15.27	27.35	726.17	7803.91	-635.15
	150	-83.00	15.27	-27.35	-726.17	-10265.50	-739.59
372	139	58.51	-741.91	-53.10	-93.79	6080.84	-31867.30
	132	-58.51	741.91	53.10	93.79	-1514.16	-31936.65
Elem Nodo	Nx	Ny	Nxy	Mx	My	Mxy	
1	53	-0.48	-2.09	9.98e-001	-31.85	-105.33	28.48
	51	-0.48	3.91	0.36	26.56	-75.57	12.83
	708	0.38	-2.09	-1.03	-42.42	-112.20	48.58

2	708	2.92	-5.25	0.10	30.40	-60.30	56.15
	52	2.92	19.84	-2.97	37.89	-208.42	60.96
	139	4.72	-2.86	-3.87	32.52	-261.76	13.14
3	132	-6.25	4.23	-0.91	0.17	-63.07	-12.06
	42	-6.25	-16.45	-7.29	6.03	-23.86	-22.96
	709	-2.11	4.23	2.44	-3.36	28.40	0.65
4	3	-5.37e-002	-0.38	-5.10e-002	139.34	-337.83	16.44
	705	-5.37e-002	-2.10e-002	2.26e-002	205.53	-225.48	15.77
	150	-9.40e-002	-5.06e-002	-3.30e-002	199.97	-352.07	46.52
5	164	0.25	0.40	-0.19	127.58	-244.11	44.74
	147	0.25	-0.22	1.94e-002	204.04	-261.39	37.38
	704	0.12	-0.22	0.11	201.85	-142.41	32.24
6	27	-3.14e-002	2.00e-002	3.20e-002	-106.76	52.04	68.17
	146	-3.14e-002	-2.09e-003	3.31e-003	-191.10	-18.89	59.49
	697	-2.21e-002	-2.09e-003	5.10e-003	-192.51	85.72	47.99
7	32	-7.57e-002	6.17e-003	3.78e-002	87.92	-61.38	-82.09
	143	-7.57e-002	-3.11e-003	-2.90e-002	187.94	21.06	-72.22
	696	-5.40e-002	-3.11e-003	-2.83e-002	189.54	-98.46	-58.85
8	46	2.14	-1.59	5.12	-11.81	95.44	-21.60
	133	2.14	-1.94	6.05	7.76	-54.60	1.63
	45	1.55	-1.61	5.22	-3.58	-174.63	-67.26
9	677	-1.22	-0.88	0.51	78.80	-14.89	-22.01
	71	-1.22	0.72	0.50	-11.22	-4.28	-38.50
	680	-1.20	-0.32	4.35e-003	37.02	-18.92	-21.10
10	72	0.90	0.66	-0.57	-72.92	10.34	34.86
	82	0.90	-0.28	-1.11	-42.74	44.59	2.40
	79	1.72	0.47	-0.32	-91.66	-25.17	54.51
66	709	1.91	-0.43	-0.95	21.99	2.72	-10.00
	40	1.91	0.43	1.03	-32.32	5.48	5.98
	37	-3.95	0.43	0.39	-8.67	5.42	10.06
67	42	-0.63	-4.03	1.31	-2.96	8.60	12.44
	37	-0.63	1.76	1.71	15.70	-2.71	15.13
	709	-1.44	-2.15	-1.46	5.78	-2.24	2.00
68	51	0.62	-1.83	1.75	-82.21	53.97	-25.11
	52	0.62	4.03	1.34	-18.45	16.14	-56.21
	708	1.44	2.13	-1.46	-70.23	-10.73	-83.95
69	5	-8.82e-002	5.30e-002	7.10e-003	-59.80	54.34	-69.79
	705	-8.82e-002	-1.42e-002	-1.28e-002	-342.35	95.51	-138.30
	2	-2.69e-002	5.30e-002	5.89e-002	-165.42	161.03	-6.33
70	704	-4.54e-002	-4.74e-002	-8.29e-002	-186.68	370.13	110.88
	155	-4.54e-002	6.15e-002	4.87e-002	-92.74	91.39	116.00
	160	-0.17	-1.52e-002	-6.88e-002	-156.53	94.04	-14.87
71	164	0.15	1.86e-002	-5.48e-002	114.59	31.00	-58.46
	704	0.15	-7.91e-002	6.55e-002	191.76	48.74	-68.17
	155	-5.45e-002	-6.62e-003	1.88e-002	126.09	-2.05	-45.55
72	2	-2.44e-002	7.21e-002	-4.33e-002	77.12	13.88	-120.58
	705	-2.44e-002	-9.46e-002	-1.14e-002	83.42	88.75	-121.90
	3	-6.69e-002	1.20e-004	2.60e-002	78.96	62.63	-71.30
73	697	-2.53e-002	9.17e-002	6.78e-003	225.85	-218.44	-54.90
	24	-2.53e-002	-0.13	-2.51e-002	86.57	-44.65	-71.42
	25	3.78e-003	2.73e-002	4.70e-002	177.06	-49.81	19.55
74	27	-1.18e-002	-3.27e-002	3.85e-002	19.62	94.17	-64.18
	24	-1.18e-002	1.72e-002	3.71e-002	13.13	83.38	-30.36
	697	-8.53e-003	-2.27e-002	7.42e-003	60.03	194.58	-70.73
75	31	2.39e-002	4.03e-002	-1.67e-002	31.69	56.35	32.17
	32	2.39e-002	-6.52e-002	-4.10e-003	24.30	71.62	76.46
	696	-7.13e-003	-4.41e-002	5.85e-002	80.40	192.21	86.43
76	31	2.02e-002	4.56e-002	3.56e-002	76.41	-73.38	55.66

	696	2.02e-002	-4.41e-002	-1.94e-002	245.32	-238.75	40.35
	33	7.05e-002	-1.75e-002	1.73e-002	188.31	-68.96	-30.62
238	686	2.58e-002	2.27e-002	7.16e-002	-505.55	440.09	-65.26
	685	2.58e-002	-6.61e-002	0.10	-183.69	640.25	-14.82
	664	0.24	-6.61e-002	0.10	-58.28	95.53	80.57
	675	0.24	2.27e-002	7.18e-002	-564.38	6.63	30.13
239	641	-5.14e-002	4.80e-002	-9.52e-003	-341.17	620.05	-130.11
	638	-5.14e-002	-4.55e-002	-5.08e-002	5.94	602.14	-256.33
	685	2.58e-002	-4.55e-002	-4.30e-003	-142.51	673.31	-189.29
	686	2.58e-002	4.80e-002	3.70e-002	-472.94	534.61	-63.07
240	684	0.10	2.27e-002	-5.55e-002	-508.37	378.86	-30.18
	686	0.10	2.27e-002	4.12e-002	-512.12	376.56	25.05
	675	0.40	2.27e-002	4.04e-002	-480.77	14.50	22.77
	673	0.40	2.27e-002	-5.63e-002	-466.82	19.11	-32.46
241	640	-5.66e-002	4.64e-002	-1.38e-002	-346.19	597.97	60.26
	641	-5.66e-002	4.80e-002	8.01e-003	-351.86	596.27	-55.08
	686	0.10	4.80e-002	6.59e-003	-479.33	499.68	-57.84
	684	0.10	4.64e-002	-1.52e-002	-474.78	502.96	57.50
242	644	1.59e-002	-6.44e-002	-0.11	-165.07	658.88	7.99
	684	1.59e-002	2.27e-002	-8.25e-002	-498.71	449.09	60.36
	673	0.20	2.27e-002	-8.61e-002	-563.71	11.20	-41.12
	661	0.20	-6.44e-002	-0.11	-30.95	108.93	-93.49
243	637	-4.80e-002	-4.64e-002	4.11e-002	26.24	606.03	260.38
	640	-4.80e-002	4.64e-002	2.84e-003	-336.86	624.00	134.09
	684	1.59e-002	4.64e-002	-4.23e-002	-467.04	542.09	62.46
	644	1.59e-002	-4.64e-002	-3.97e-003	-123.95	689.12	188.74
244	682	-1.49e-002	4.07e-002	-3.84e-003	-38.21	95.33	-96.26
	689	-1.49e-002	-3.31e-002	-3.40e-002	-59.89	91.01	-159.20
	638	-5.14e-002	-3.31e-002	-4.91e-002	-41.18	329.52	-219.72
	641	-5.14e-002	4.07e-002	-1.89e-002	-219.29	419.03	-156.79
245	635	3.24e-002	6.01e-003	-7.41e-003	127.33	-354.52	-151.83
	632	3.24e-002	6.14e-002	-4.99e-002	-24.68	-271.56	-215.37
	689	-1.49e-002	6.14e-002	-4.31e-002	-8.78	-15.89	-160.17
	682	-1.49e-002	6.01e-003	-6.49e-004	-52.50	-18.50	-96.64
246	643	-1.10e-002	3.94e-002	-7.95e-003	-81.59	125.90	81.28
	682	-1.10e-002	4.07e-002	-3.47e-003	-81.25	126.98	-76.45
	641	-5.66e-002	4.07e-002	-1.39e-003	-285.88	402.81	-75.72
	640	-5.66e-002	3.94e-002	-5.88e-003	-283.92	402.75	82.02
247	634	4.84e-002	7.62e-003	-8.85e-003	185.32	-339.64	79.82
	635	4.84e-002	6.01e-003	1.90e-003	187.46	-339.26	-75.31
	682	-1.10e-002	6.01e-003	-2.81e-004	-13.94	-49.59	-75.35
	643	-1.10e-002	7.62e-003	-1.10e-002	-13.51	-49.16	79.78
248	691	-1.49e-002	-3.39e-002	1.98e-002	-59.97	83.76	155.09
	643	-1.49e-002	3.94e-002	-8.38e-003	-34.61	91.19	98.64
	640	-4.80e-002	3.94e-002	1.08e-002	-211.98	420.08	163.58
	637	-4.80e-002	-3.39e-002	3.89e-002	-28.23	326.84	220.02
249	631	2.83e-002	6.28e-002	3.96e-002	-38.15	-270.46	214.02
	634	2.83e-002	7.62e-003	-5.73e-004	120.42	-356.42	156.92
	643	-1.49e-002	7.62e-003	-1.15e-002	-56.03	-15.66	98.59
	691	-1.49e-002	6.28e-002	2.87e-002	-9.00	-11.16	155.68
250	693	3.40e-002	-1.45e-002	8.23e-003	371.21	-516.49	-54.19
	687	3.40e-002	7.15e-002	-5.85e-002	76.79	-653.94	-178.07
	632	3.24e-002	7.15e-002	-6.87e-002	-73.09	-556.66	-250.28
	635	3.24e-002	-1.45e-002	-2.00e-003	246.07	-563.99	-126.40
251	671	-9.09e-002	-2.04e-002	2.54e-002	427.73	-61.83	30.69
	652	-9.09e-002	8.84e-002	2.62e-002	27.41	-124.77	76.85
	687	3.40e-002	8.84e-002	2.51e-002	122.14	-641.43	-12.48
	693	3.40e-002	-2.04e-002	2.43e-002	393.93	-433.67	-58.64
252	692	-2.33e-002	-1.27e-002	-1.37e-002	365.23	-487.33	53.23
	693	-2.33e-002	-1.45e-002	6.03e-003	369.54	-484.16	-55.95

	635	4.84e-002	-1.45e-002	7.30e-003	248.81	-538.78	-53.08
	634	4.84e-002	-1.27e-002	-1.24e-002	243.59	-540.77	56.10
253	669	-0.21	-1.95e-002	-3.49e-002	356.75	-68.19	-30.77
	671	-0.21	-2.04e-002	2.21e-002	369.12	-64.53	19.83
	693	-2.33e-002	-2.04e-002	2.21e-002	397.91	-377.10	21.73
	692	-2.33e-002	-1.95e-002	-3.49e-002	394.76	-379.19	-28.87
254	683	4.31e-002	7.37e-002	5.12e-002	58.60	-669.01	175.74
	692	4.31e-002	-1.27e-002	-1.22e-002	365.91	-523.56	51.45
	634	2.83e-002	-1.27e-002	-4.13e-003	241.67	-568.52	128.20
	631	2.83e-002	7.37e-002	5.93e-002	-93.08	-561.37	252.49
255	649	-6.14e-002	8.81e-002	-3.65e-002	2.22	-135.24	-90.44
	669	-6.14e-002	-1.95e-002	-3.72e-002	427.01	-65.03	-42.82
	692	4.31e-002	-1.95e-002	-3.34e-002	387.73	-441.93	51.93
	683	4.31e-002	8.81e-002	-3.28e-002	104.35	-658.85	4.31
256	690	-9.14e-003	-0.10	-0.10	16.42	9.37	-67.16
	691	-9.14e-003	-3.39e-002	-1.46e-003	57.25	5.15	114.87
	637	-3.46e-002	-3.39e-002	2.79e-003	213.45	364.67	195.55
	639	-3.46e-002	-0.10	-0.10	382.03	247.87	13.53
257	633	3.47e-002	8.15e-002	-0.12	-408.36	-190.60	12.79
	631	3.47e-002	6.28e-002	-5.67e-003	-268.41	-307.47	192.87
	691	-9.14e-003	6.28e-002	7.53e-003	-116.00	67.68	114.54
	690	-9.14e-003	8.15e-002	-0.11	-44.55	60.11	-65.53
258	91	-2.76e-003	-0.21	-0.18	5.34	-90.80	-296.80
	690	-2.76e-003	-0.10	-0.19	89.94	-1.46	-156.69
	639	-9.09e-003	-0.10	-0.15	393.56	209.08	-124.09
	95	-9.09e-003	-0.21	-0.14	103.39	252.94	-264.21
259	87	-1.34e-002	0.10	-0.17	-77.75	-198.95	-263.87
	633	-1.34e-002	8.15e-002	-0.18	-405.98	-150.24	-124.91
	690	-2.76e-003	8.15e-002	-0.20	-105.96	73.10	-155.22
	91	-2.76e-003	0.10	-0.18	20.59	164.10	-294.18
260	688	-2.24e-003	-0.12	0.18	93.30	8.22	134.10
	626	-2.24e-003	-0.22	0.18	3.03	-115.17	266.41
	680	4.57e-003	-0.22	0.16	122.03	312.32	235.01
	642	4.57e-003	-0.12	0.16	353.59	232.76	102.69
261	636	-2.40e-002	9.29e-002	0.19	-363.58	-171.18	103.09
	72	-2.40e-002	0.11	0.19	-90.21	-255.76	235.22
	626	-2.24e-003	0.11	0.19	30.91	192.80	264.13
	688	-2.24e-003	9.29e-002	0.19	-105.92	67.88	132.00
262	689	-9.00e-003	-3.31e-002	-7.49e-003	49.08	15.90	-124.94
	688	-9.00e-003	-0.12	9.30e-002	17.42	21.43	43.37
	642	-4.56e-002	-0.12	8.26e-002	358.73	263.20	-28.42
	638	-4.56e-002	-3.31e-002	-1.79e-002	190.28	368.89	-196.73
263	632	4.68e-002	6.14e-002	-9.20e-003	-245.12	-309.73	-195.50
	636	4.68e-002	9.29e-002	0.11	-382.66	-203.32	-28.90
	688	-9.00e-003	9.29e-002	0.10	-43.13	51.89	41.49
	689	-9.00e-003	6.14e-002	-1.66e-002	-107.06	60.09	-125.11
264	4	0.29	0.41	0.29	-1378.73	-1395.68	-30.55
	79	0.29	0.40	0.18	352.47	-841.06	111.28
	72	-2.40e-002	0.40	0.12	-155.07	-345.52	178.58
	636	-2.40e-002	0.41	0.23	-521.33	99.97	36.75
265	651	0.35	-7.99e-002	-5.94e-002	-1030.08	79.41	-164.95
	655	0.35	0.21	3.97e-003	-106.65	-104.26	-131.78
	79	0.29	0.21	0.18	284.16	-836.67	-28.50
	4	0.29	-7.99e-002	0.12	-1372.24	-1302.03	-61.67
266	687	-1.36e-002	7.15e-002	-0.16	159.25	-851.23	-180.92
	4	-1.36e-002	0.41	2.69e-002	-1284.01	-1394.13	-69.95
	636	4.68e-002	0.41	0.16	-542.31	52.46	-67.22
	632	4.68e-002	7.15e-002	-2.80e-002	-308.72	-494.89	-178.18
267	652	0.37	8.84e-002	2.61e-003	-180.69	-176.98	62.47
	651	0.37	-7.99e-002	-6.78e-002	-1029.42	60.91	89.01

	4	-1.36e-002	-7.99e-002	-0.14	-1310.45	-1282.50	-22.61
	687	-1.36e-002	8.84e-002	-7.43e-002	139.27	-740.20	-49.15
268	14	-0.14	-1.77e-003	0.20	1317.90	1319.96	-62.26
	677	-0.14	-0.26	0.12	-228.46	837.29	-11.24
	667	-0.28	-0.26	2.63e-002	140.38	102.33	-117.08
	663	-0.28	-1.77e-003	0.11	1023.89	-91.68	-168.10
269	642	4.57e-003	-0.35	0.16	499.61	-32.24	48.66
	680	4.57e-003	-0.53	8.46e-002	190.91	415.35	186.41
	677	-0.14	-0.53	0.12	-291.17	825.18	121.99
	14	-0.14	-0.35	0.19	1321.49	1377.24	-15.77
270	685	-8.24e-002	-6.61e-002	2.88e-002	-204.14	759.22	-56.39
	14	-8.24e-002	-1.77e-003	3.82e-002	1364.95	1319.68	-35.36
	663	-0.25	-1.77e-003	0.10	1086.27	-100.37	83.12
	664	-0.25	-6.61e-002	0.10	105.38	136.97	62.09
271	638	-4.56e-002	-4.55e-002	-1.96e-002	261.00	534.32	-183.27
	642	-4.56e-002	-0.35	8.58e-002	521.48	-6.84	-49.33
	14	-8.24e-002	-0.35	2.91e-002	1317.79	1389.38	-67.09
	685	-8.24e-002	-4.55e-002	-7.63e-002	-204.94	877.03	-201.03
272	1	-8.35e-003	0.40	-2.44e-002	-1343.19	-1432.03	62.63
	683	-8.35e-003	7.37e-002	0.15	142.86	-872.83	178.84
	631	3.47e-002	7.37e-002	1.40e-002	-333.53	-498.37	174.79
	633	3.47e-002	0.40	-0.16	-580.16	67.41	58.58
273	645	0.43	-0.10	8.42e-002	-1083.71	53.09	-107.00
	649	0.43	8.81e-002	-7.06e-003	-209.23	-190.86	-78.04
	683	-8.35e-003	8.81e-002	6.54e-002	123.07	-763.17	41.44
	1	-8.35e-003	-0.10	0.16	-1373.55	-1332.96	12.48
274	83	0.29	0.27	-0.22	324.77	-936.71	-144.65
	1	0.29	0.40	-0.30	-1419.38	-1442.03	6.30
	633	-1.34e-002	0.40	-0.22	-564.23	119.18	-49.00
	87	-1.34e-002	0.27	-0.15	-158.03	-296.46	-199.95
275	648	0.37	0.24	-3.39e-003	-106.97	-123.99	137.51
	645	0.37	-0.10	8.46e-002	-1093.95	78.00	161.71
	1	0.29	-0.10	-0.12	-1443.38	-1348.00	33.10
	83	0.29	0.24	-0.20	277.95	-795.26	8.90
276	11	-8.99e-002	2.15e-002	-2.87e-002	1426.27	1371.21	25.08
	644	-8.99e-002	-6.44e-002	-3.73e-002	-186.96	783.88	49.39
	661	-0.31	-6.44e-002	-0.10	134.29	154.11	-77.66
	657	-0.31	2.15e-002	-9.10e-002	1140.69	-86.75	-101.97
277	639	-3.46e-002	-0.35	-8.94e-002	558.05	-23.13	42.37
	637	-3.46e-002	-4.64e-002	4.99e-003	285.01	536.93	181.72
	644	-8.99e-002	-4.64e-002	6.78e-002	-188.53	899.68	199.90
	11	-8.99e-002	-0.35	-2.67e-002	1375.31	1430.25	60.56
278	629	-0.13	-0.30	-0.15	-229.90	798.35	-10.21
	11	-0.13	2.15e-002	-0.21	1385.79	1368.26	32.89
	657	-0.30	2.15e-002	-8.55e-002	1079.96	-86.10	165.37
	658	-0.30	-0.30	-2.34e-002	139.15	122.50	122.27
279	95	-9.09e-003	-0.40	-0.11	187.08	356.63	-205.74
	639	-9.09e-003	-0.35	-0.15	541.51	-53.12	-60.37
	11	-0.13	-0.35	-0.21	1357.09	1427.07	-8.68
	629	-0.13	-0.40	-0.17	-269.90	933.51	-154.06
280	630	9.44e-002	-1.20	-0.16	-8.45	3.07	0.16
	660	9.44e-002	-1.64	-1.42e-002	21.38	10.03	-4.18
	76	-0.22	-1.64	-8.43e-002	-10.33	-17.18	-5.21
	75	-0.22	-1.20	-0.23	3.53	-9.33	-0.87
281	629	-0.30	-1.70	-0.12	-14.03	-120.91	-9.34
	658	-0.30	-1.38	-0.16	-1.00	-103.21	0.54
	660	9.44e-002	-1.38	-0.11	22.04	-2.28	4.39
	630	9.44e-002	-1.70	-7.00e-002	3.34	11.64	-5.48
282	628	0.10	-0.57	0.34	-19.61	-5.87	-5.46
	630	0.10	-1.20	-2.83e-002	-3.36	-0.74	0.16

	75	-0.21	-1.20	-1.44e-002	-3.66	-5.90	-0.78
	80	-0.21	-0.57	0.36	-4.11	0.63	-6.40
283	95	-0.40	-1.04	0.43	36.25	-46.49	27.16
	629	-0.40	-1.70	1.19e-002	-27.56	-107.62	13.45
	630	0.10	-1.70	5.98e-002	-12.10	7.30	-6.92
	628	0.10	-1.04	0.48	-12.55	-20.33	6.79
284	94	5.48e-002	9.25e-002	0.82	-6.87	0.82	-6.52
	628	5.48e-002	-0.57	0.61	-0.28	-3.79	-5.11
	80	-8.24e-002	-0.57	0.51	-2.07	-1.06	-7.83
	92	-8.24e-002	9.25e-002	0.72	-1.80	-0.99	-9.24
285	91	-0.21	6.29e-002	0.38	37.77	10.56	31.53
	95	-0.21	-1.04	0.41	-34.74	-34.86	26.92
	628	5.48e-002	-1.04	0.74	-11.61	-6.38	1.38
	94	5.48e-002	6.29e-002	0.72	4.98	-2.98	5.99
286	90	-5.92e-002	0.81	0.64	3.06	5.08	-3.00
	94	-5.92e-002	9.25e-002	0.84	10.27	4.48	-7.65
	92	0.14	9.25e-002	0.73	1.50	-4.84	-6.18
	96	0.14	0.81	0.53	1.00	-7.98	-1.52
287	87	0.10	1.21	0.46	39.07	68.53	24.54
	91	0.10	6.29e-002	0.39	-39.23	19.04	32.13
	94	-5.92e-002	6.29e-002	0.74	-2.14	18.65	6.72
	90	-5.92e-002	1.21	0.81	17.87	17.71	-0.87
288	86	-0.10	1.52	0.12	3.38	-0.53	8.28
	90	-0.10	0.81	0.42	25.03	5.41	-2.12
	96	0.24	0.81	0.41	5.16	-12.98	4.49
	84	0.24	1.52	0.12	-4.85	-16.83	14.89
289	83	0.27	1.88	8.98e-002	40.11	150.90	13.34
	87	0.27	1.21	0.49	-32.17	83.06	25.27
	90	-0.10	1.21	0.58	20.33	28.07	8.44
	86	-0.10	1.88	0.19	16.64	-12.09	-3.50
290	646	-0.10	2.07	0.17	-31.06	-9.59	12.45
	86	-0.10	1.52	7.46e-002	1.96	-6.59	11.58
	84	0.20	1.52	-4.97e-002	-11.67	-16.43	16.06
	88	0.20	2.07	4.81e-002	-21.36	-17.37	16.92
291	648	0.24	1.48	-0.13	14.33	142.70	5.90
	83	0.24	1.88	-5.47e-002	19.89	164.01	-11.95
	86	-0.10	1.88	0.14	-3.14	-20.09	1.24
	646	-0.10	1.48	6.89e-002	-35.66	-11.69	19.09
292	82	6.72e-003	0.45	7.57e-002	11.38	-1.54	-2.36
	656	6.72e-003	2.18	-5.43e-002	-12.13	-19.09	-15.67
	125	0.44	2.18	0.18	-25.98	-8.16	-21.69
	129	0.44	0.45	0.31	-3.08	-14.40	-8.38
293	79	0.21	1.95	0.12	29.28	123.11	3.83
	655	0.21	1.41	0.15	4.58	114.90	6.50
	656	6.72e-003	1.41	-1.65e-002	-1.91	14.46	-7.12
	82	6.72e-003	1.77	-0.10	23.32	9.08	22.80
294	78	-5.46e-002	0.12	-1.37	8.64	9.04	10.66
	82	-5.46e-002	0.45	-0.20	1.81	2.24	1.38
	129	0.33	0.45	-0.39	-3.43	-10.05	-5.53
	133	0.33	0.12	-1.57	-2.98	-1.66	3.75
295	626	0.11	7.62e-002	-0.56	-40.95	23.07	-28.37
	72	0.11	1.18	-0.41	38.78	68.59	-25.37
	82	-5.46e-002	1.33	-0.68	17.28	29.56	-3.58
	78	-5.46e-002	7.62e-002	-0.85	-3.69	24.14	-4.44
296	71	4.28e-002	-0.18	-0.12	-1.93	0.37	9.93
	78	4.28e-002	0.12	-1.34	-8.36	5.16	9.14
	133	-0.29	0.12	-1.54	-9.97	5.26	11.45
	140	-0.29	-0.18	-0.32	-1.75	4.96	12.24
297	680	-0.22	-1.01	-0.35	-33.40	-30.01	-28.26
	626	-0.22	7.62e-002	-0.55	39.76	15.53	-28.08

	78	4.28e-002	7.62e-002	-0.82	5.02	-0.55	-1.81
	71	4.28e-002	-1.15	-0.58	-9.81	-15.72	-0.64
298	668	-5.40e-003	-1.79	0.14	7.44	22.28	2.70
	71	-5.40e-003	-0.18	0.24	-10.30	-1.93	11.25
	140	-0.44	-0.18	0.45	5.75	6.31	15.55
	144	-0.44	-1.79	0.36	9.59	-25.98	6.99
299	667	-0.26	-1.30	0.21	7.27	-79.77	8.34
	677	-0.26	-1.71	0.18	-21.34	-84.84	2.12
	71	-5.40e-003	-1.65	5.05e-002	-17.51	-3.61	26.48
	668	-5.40e-003	-1.30	0.16	-1.13	-24.75	7.17
300	676	0.10	-1.78	0.25	-8.11	2.82	-1.54
	666	0.10	-2.00	0.31	-2.10	3.81	-1.36
	165	2.43e-002	-2.00	0.13	-4.33	53.34	0.41
	161	2.43e-002	-1.78	7.24e-002	-5.33	51.98	0.22
301	675	0.24	-1.34	0.18	5.61	-57.80	3.40
	664	0.24	-1.94	0.42	-25.44	-66.84	6.26
	666	0.10	-1.94	0.56	-7.40	-17.53	1.92
	676	0.10	-1.34	0.31	-4.73	-20.15	-0.93
302	674	-3.74e-002	-1.76	-0.11	-5.33	1.12	-1.44
	676	-3.74e-002	-1.78	2.74e-002	-4.34	2.39	-1.48
	161	9.43e-003	-1.78	3.39e-002	-7.50	50.45	2.14
	156	9.43e-003	-1.76	-0.11	-2.28	46.90	2.17
303	673	0.40	-1.33	-0.15	-10.16	-54.02	-2.69
	675	0.40	-1.34	0.11	-9.04	-56.08	0.23
	676	-3.74e-002	-1.34	9.02e-002	-7.09	-18.52	-0.54
	674	-3.74e-002	-1.33	-0.18	-4.21	-19.43	-3.47
304	662	8.78e-002	-1.91	-0.38	-2.43	-7.96e-002	-3.00
	674	8.78e-002	-1.76	-0.32	-5.46	0.30	-1.14
	156	4.80e-002	-1.76	-0.14	-6.61	45.67	3.10
	152	4.80e-002	-1.91	-0.20	4.32	40.40	1.24
305	661	0.20	-1.92	-0.45	-25.36	-59.43	-8.71
	673	0.20	-1.33	-0.22	7.19	-53.91	-6.00
	674	8.78e-002	-1.33	-0.38	-5.75	-21.54	-3.19
	662	8.78e-002	-1.92	-0.62	-5.10	-20.19	-5.90
306	672	4.19e-002	1.03	1.10e-002	-19.13	25.48	-8.16
	654	4.19e-002	1.65	0.11	-6.08	22.86	-16.63
	117	-0.10	1.65	0.37	-29.89	51.33	-12.70
	113	-0.10	1.03	0.28	-20.72	43.49	-4.24
307	671	-9.09e-002	1.01	-8.99e-002	0.22	-6.70	3.26
	652	-9.09e-002	1.73	-0.23	-17.16	-22.08	2.58
	654	4.19e-002	1.73	-0.24	-10.19	3.04	-8.99
	672	4.19e-002	1.01	-0.10	-8.59	4.81	-8.30
308	670	0.20	1.01	-1.37e-002	-15.84	24.09	4.36
	672	0.20	1.03	8.99e-002	-15.27	26.13	-5.25
	113	0.22	1.03	8.42e-002	-34.50	40.02	-0.53
	108	0.22	1.01	-1.95e-002	-25.45	35.77	9.08
309	669	-0.21	1.01	7.55e-002	-9.19	-1.74	-6.12e-002
	671	-0.21	1.01	-3.96e-002	-7.98	-2.98	-2.20
	672	0.20	1.01	-1.90e-002	-13.27	6.20	-2.25
	670	0.20	1.01	0.10	-9.68	5.03	-0.10
310	650	5.22e-002	1.59	-4.31e-002	-4.61	18.23	12.71
	670	5.22e-002	1.01	5.61e-002	-15.70	21.73	7.54
	108	-0.12	1.01	-0.21	-20.84	36.08	11.42
	104	-0.12	1.59	-0.31	-14.99	34.40	16.60
311	649	-6.14e-002	1.72	0.25	-17.06	-17.16	-5.09
	669	-6.14e-002	1.01	0.13	1.95	-4.21	-5.54
	670	5.22e-002	1.01	0.17	-9.45	2.88	5.56
	650	5.22e-002	1.72	0.29	-6.90	-0.63	6.02
312	665	0.22	-2.02	0.29	8.86	-0.61	5.09
	668	0.22	-1.79	0.23	13.10	-12.59	6.74

	144	3.57e-002	-1.79	0.34	22.10	61.16	0.62
	17	3.57e-002	-2.02	0.39	5.36	56.52	-1.03
313	663	-0.28	-2.28	3.73e-002	-1.33	-111.02	-18.01
	667	-0.28	-1.30	-0.16	10.30	-85.41	-12.58
	668	0.22	-1.30	6.32e-002	32.11	15.31	7.76
	665	0.22	-2.28	0.27	-6.86	13.80	2.33
314	666	0.21	-2.00	0.30	-7.92	2.84	-0.69
	665	0.21	-2.02	0.34	-2.09	0.25	3.24
	17	2.61e-002	-2.02	0.24	5.84	56.84	2.34
	165	2.61e-002	-2.00	0.21	-2.74	55.33	-1.59
315	664	-0.25	-1.94	0.47	31.53	-69.77	11.41
	663	-0.25	-2.28	0.23	-15.63	-109.11	5.32
	665	0.21	-2.28	0.32	3.23	7.15	-2.55
	666	0.21	-1.94	0.55	-5.57	-21.70	3.53
316	659	0.18	-1.86	-0.33	-4.29	2.57	-8.06
	662	0.18	-1.91	-0.33	-8.00	-0.43	-2.47
	152	5.34e-002	-1.91	-0.26	-4.40	39.38	0.63
	148	5.34e-002	-1.86	-0.26	10.75	32.66	-4.96
317	657	-0.31	-2.28	-0.22	-13.02	-101.16	-6.09
	661	-0.31	-1.92	-0.49	32.95	-60.97	-14.84
	662	0.18	-1.92	-0.57	-6.08	-25.10	-7.19
	659	0.18	-2.28	-0.30	-0.21	4.90	1.55
318	660	0.20	-1.64	-0.13	14.55	18.93	-2.66
	659	0.20	-1.86	-0.23	-3.46	7.38	-4.97
	148	4.20e-002	-1.86	-0.30	-2.62	28.77	-6.57
	76	4.20e-002	-1.64	-0.20	6.01	19.14	-4.26
319	658	-0.30	-1.38	0.23	15.95	-71.67	15.87
	657	-0.30	-2.28	-1.52e-002	-4.61	-103.36	17.25
	659	0.20	-2.28	-0.20	-2.94	10.07	1.18
	660	0.20	-1.38	4.07e-002	18.43	-0.19	-0.20
320	653	-0.25	2.11	0.16	8.54	11.31	-19.51
	656	-0.25	2.18	4.69e-002	37.06	17.01	-19.04
	125	-0.22	2.18	-9.27e-002	30.29	39.09	-29.00
	121	-0.22	2.11	1.58e-002	16.85	56.74	-29.47
321	651	0.35	2.25	0.16	-2.84	-86.75	-22.98
	655	0.35	1.41	0.23	30.32	-58.98	-16.84
	656	-0.25	1.41	0.22	37.38	-0.61	-14.15
	653	-0.25	2.25	0.15	8.52	23.57	-20.29
322	654	-0.15	1.65	0.19	-12.30	18.89	-16.98
	653	-0.15	2.11	8.70e-002	5.25	12.23	-17.50
	121	-8.20e-002	2.11	0.26	2.70	58.11	-21.65
	117	-8.20e-002	1.65	0.36	-11.49	56.43	-21.13
323	652	0.37	1.73	-0.27	27.30	-29.43	9.37
	651	0.37	2.25	-2.50e-002	4.45	-79.22	0.48
	653	-0.15	2.25	8.50e-002	8.95	20.31	-20.07
	654	-0.15	1.73	-0.16	-3.86	-2.07	-11.18
324	647	-0.13	1.98	-8.87e-002	4.86	12.78	11.74
	650	-0.13	1.59	-0.16	-10.51	15.03	14.20
	104	-0.11	1.59	-0.30	-7.50	36.43	18.72
	100	-0.11	1.98	-0.24	10.07	33.26	16.25
325	645	0.43	2.26	1.29e-002	7.06	-73.81	-1.60
	649	0.43	1.72	0.29	28.41	-23.39	-12.42
	650	-0.13	1.72	0.18	-3.17	-6.46	7.55
	647	-0.13	2.26	-0.10	6.20	17.33	18.37
326	646	-0.22	2.07	-0.14	36.29	36.04	17.22
	647	-0.22	1.98	-0.19	1.21	16.13	16.72
	100	-0.23	1.98	-0.10	13.01	30.70	17.18
	88	-0.23	2.07	-3.97e-002	22.80	10.24	17.68
327	648	0.37	1.48	-0.31	36.08	-52.35	19.96
	645	0.37	2.26	-0.18	-5.31	-81.50	22.26

	647	-0.22	2.26	-0.20	11.09	20.43	20.32
	646	-0.22	1.48	-0.33	26.56	-6.13	18.02
328	51	0.75	-0.48	0.24	60.82	-35.93	-15.33
	159	0.75	-0.27	0.29	56.09	-3.99	27.19
	142	-1.77	-0.27	0.44	157.06	-6.25	21.41
	53	-1.77	-0.48	0.39	102.87	32.55	-21.11
329	43	0.11	0.11	-0.17	25.90	-21.19	-12.71
	154	0.11	-0.56	-4.84e-002	4.65	-25.26	-1.09
	159	0.75	-0.56	-0.13	25.27	-14.61	1.60
	51	0.75	0.11	-0.25	44.38	-21.88	-10.02
330	128	-0.40	0.50	-0.43	17.06	-5.72	-11.98
	363	-0.40	-0.27	-0.29	12.03	-21.99	-13.92
	154	0.11	-0.27	-8.86e-002	9.20	2.59	-10.83
	43	0.11	0.50	-0.23	13.34	-17.35	-8.88
331	50	-1.20e-002	2.15	0.32	13.99	-5.95	-31.30
	43	-1.20e-002	0.11	0.16	22.26	-25.65	-13.59
	51	0.62	0.11	-1.13	58.37	-13.25	-29.38
	52	0.62	2.15	-0.97	13.31	-1.36	-47.09
332	362	0.21	1.53	-0.33	3.95	-3.34	-17.39
	128	0.21	0.50	-0.61	11.33	-7.06	-11.85
	43	-1.20e-002	0.50	0.10	19.60	-15.16	-18.14
	50	-1.20e-002	1.53	0.38	6.76	-6.31	-23.68
333	36	2.54e-002	-0.18	0.18	-3.27	10.09	22.96
	41	2.54e-002	-2.21	0.32	-2.59	4.95	20.83
	42	-0.63	-2.21	-0.95	0.75	5.26	14.77
	37	-0.63	-0.18	-1.09	-10.87	12.25	16.90
334	604	-0.19	-0.58	-0.60	0.51	-3.82	24.20
	357	-0.19	-1.63	-0.33	-0.41	-2.65	21.76
	41	2.54e-002	-1.63	0.37	-0.52	2.37	21.32
	36	2.54e-002	-0.58	0.10	-4.25	4.40	23.76
335	35	-0.73	0.33	0.27	-24.68	-4.15	39.63
	37	-0.73	0.43	0.29	-22.34	8.41	16.55
	40	1.50	0.43	0.47	-22.88	6.60	5.62
	131	1.50	0.33	0.46	-101.80	32.14	28.71
336	34	-8.44e-002	0.54	-3.19e-002	1.82	14.85	28.28
	36	-8.44e-002	-0.18	-0.14	-7.47	11.29	24.12
	37	-0.73	-0.18	-0.21	-13.15	14.40	21.02
	35	-0.73	0.54	-0.10	-6.48	14.54	25.18
337	356	0.39	0.19	-0.27	-4.46	9.26	24.27
	604	0.39	-0.58	-0.42	-7.55	-4.65	26.61
	36	-8.44e-002	-0.58	-0.22	0.42	5.30	26.32
	34	-8.44e-002	0.19	-6.61e-002	-4.59	-8.26	23.99
338	31	-8.91e-003	6.03e-002	4.88e-002	-48.71	-54.29	72.40
	35	-8.91e-003	0.33	0.12	-11.71	81.13	48.64
	131	2.09e-002	0.33	0.13	-148.46	-222.03	44.87
	33	2.09e-002	6.03e-002	5.57e-002	29.43	-80.48	68.63
339	29	1.36e-002	0.14	2.52e-002	-18.45	58.55	27.61
	34	1.36e-002	0.54	-6.66e-003	3.77	56.94	20.10
	35	-8.91e-003	0.54	5.42e-002	7.16	65.78	42.29
	31	-8.91e-003	0.14	8.60e-002	-40.35	28.19	49.79
340	579	5.76e-002	0.11	2.76e-003	8.03	43.73	31.11
	356	5.76e-002	0.19	-4.98e-002	-10.31	18.80	27.87
	34	1.36e-002	0.19	-3.49e-002	-9.21	59.45	17.83
	29	1.36e-002	0.11	1.77e-002	-1.08	50.80	21.08
341	30	-4.07e-003	-0.10	2.78e-003	-7.08	55.21	35.27
	29	-4.07e-003	0.14	4.96e-002	-5.57	49.71	34.19
	31	2.39e-002	0.14	4.79e-002	0.80	18.26	50.80
	32	2.39e-002	-0.10	1.11e-003	-16.14	-14.18	51.89
342	364	0.11	8.46e-002	8.65e-002	29.41	82.15	44.41
	579	0.11	0.11	6.51e-002	-1.38	55.61	32.66

	29	-4.07e-003	0.11	4.21e-002	-7.86	48.30	26.73
	30	-4.07e-003	8.46e-002	6.34e-002	6.89	31.37	38.48
343	23	-2.05e-002	-0.11	8.48e-003	-0.48	-19.31	-33.93
	26	-2.05e-002	0.11	-6.38e-003	3.27	-21.37	-35.79
	27	-1.18e-002	0.11	-2.77e-002	-10.65	-57.84	-47.56
	24	-1.18e-002	-0.11	-1.28e-002	8.86	-40.80	-45.71
344	516	0.15	-0.19	2.70e-002	28.38	-25.85	-1.60
	365	0.15	0.20	-0.10	33.47	-72.22	-21.04
	26	-2.05e-002	0.20	-8.53e-002	9.21	-22.70	-41.47
	23	-2.05e-002	-0.19	4.24e-002	4.67	-35.93	-22.03
345	22	-1.33e-002	-0.17	4.69e-003	-11.06	-36.59	-43.52
	24	-1.33e-002	-3.22e-002	3.35e-002	-11.18	-89.47	-65.73
	25	1.58e-002	-3.22e-002	7.80e-002	8.67	-82.19	-63.93
	138	1.58e-002	-0.17	4.92e-002	-85.69	-137.99	-41.72
346	21	1.19e-002	-0.38	6.99e-004	15.86	-5.50	-18.24
	23	1.19e-002	-0.11	9.58e-003	1.53	-9.97	-26.65
	24	-1.33e-002	-0.11	2.31e-002	-14.87	-34.18	-50.08
	22	-1.33e-002	-0.38	1.42e-002	11.52	-0.66	-41.67
347	361	5.10e-002	-0.46	5.22e-002	8.02	-23.66	-7.71
	516	5.10e-002	-0.19	8.28e-002	19.07	-24.74	-9.41
	23	1.19e-002	-0.19	4.35e-002	11.94	-27.54	-16.69
	21	1.19e-002	-0.46	1.29e-002	10.95	-16.81	-14.99
348	18	-0.10	-0.33	1.91e-002	-15.59	-5.82	-15.20
	22	-0.10	-0.17	-0.23	-10.54	8.97	-33.46
	138	0.37	-0.17	0.69	-53.26	-11.71	-31.18
	20	0.37	-0.33	0.95	-1.62	-2.70	-12.92
349	15	-3.95e-002	7.25e-002	0.28	-6.23	-5.55	-11.32
	21	-3.95e-002	-0.38	0.13	7.79	-6.34	-21.34
	22	-0.10	-0.38	-0.11	-4.34	-16.71	-25.54
	18	-0.10	7.25e-002	4.35e-002	-9.89	-6.83	-15.52
350	491	-2.13e-002	2.87e-002	0.14	1.09	-10.54	-9.95
	361	-2.13e-002	-0.46	5.70e-002	4.74	-12.09	-9.90
	21	-3.95e-002	-0.46	0.12	9.43	-16.64	-13.78
	15	-3.95e-002	2.87e-002	0.20	-3.51	-8.33	-13.84
351	19	-9.24e-003	0.14	-3.14e-002	-1.68	-8.33	-6.71
	18	-9.24e-003	-0.33	0.16	-6.26	-8.70	-11.21
	20	4.09e-002	-0.33	0.21	-16.15	0.51	-10.31
	137	4.09e-002	0.14	1.73e-002	1.13	-2.13	-5.81
352	16	-5.41e-002	0.33	-2.68e-002	-0.84	-7.78	-8.47
	15	-5.41e-002	7.25e-002	0.24	-1.77	-9.14	-10.87
	18	-9.24e-003	7.25e-002	0.18	-4.12	-2.25	-9.54
	19	-9.24e-003	0.33	-8.50e-002	-2.28	-6.98	-7.14
353	360	-9.07e-003	0.47	1.68e-002	-0.53	-9.91	-9.56
	491	-9.07e-003	2.87e-002	0.12	0.29	-10.26	-10.60
	15	-5.41e-002	2.87e-002	0.16	-1.36	-7.23	-10.31
	16	-5.41e-002	0.47	6.14e-002	-0.51	-8.31	-9.27
354	9	1.11e-002	0.31	0.20	4.13	7.95	-6.56
	13	1.11e-002	-6.68e-002	-3.90e-002	0.99	6.81	-3.87
	135	-0.16	-6.68e-002	-4.06e-002	-0.98	2.24	-4.54
	10	-0.16	0.31	0.20	10.33	2.81	-7.23
355	8	-1.74e-002	-0.11	0.23	2.76	4.70	-6.49
	12	-1.74e-002	-0.32	-2.28e-003	1.12	5.74	-6.09
	13	1.11e-002	-0.32	-3.39e-002	2.17	5.40	-4.36
	9	1.11e-002	-0.11	0.20	2.35	2.05	-4.77
356	454	-2.59e-003	-4.76e-002	0.11	3.77	6.30	-8.25
	359	-2.59e-003	-0.45	-1.52e-002	0.85	9.07	-8.57
	12	-1.74e-002	-0.45	2.60e-002	1.10	6.73	-6.91
	8	-1.74e-002	-4.76e-002	0.15	3.03	5.31	-6.60
357	7	8.29e-002	0.23	-0.27	-1.39	-6.86	-24.03
	9	8.29e-002	0.31	4.18e-002	13.46	6.22	-8.62

	10	-0.51	0.31	1.02	-5.44	6.37	-8.91
	134	-0.51	0.23	0.71	41.77	20.19	-24.32
358	6	1.15e-002	0.37	0.12	-6.93	3.20	-7.61
	8	1.15e-002	-0.11	0.28	6.45	2.77	-5.09
	9	8.29e-002	-0.11	3.87e-002	9.72	4.68	-9.70
	7	8.29e-002	0.37	-0.12	-6.24	15.96	-12.22
359	358	-2.03e-002	0.34	5.35e-002	6.37	3.66	-1.39
	454	-2.03e-002	-4.76e-002	0.13	2.83	7.10	-7.22
	8	1.15e-002	-4.76e-002	0.20	6.41	3.78	-7.71
	6	1.15e-002	0.34	0.12	-6.38	8.48	-1.88
360	2	2.49e-003	5.30e-002	8.20e-002	-28.29	149.81	-30.47
	7	2.49e-003	0.23	4.89e-002	-24.90	43.83	-27.26
	134	-5.10e-002	0.23	5.72e-002	79.89	152.42	-25.99
	5	-5.10e-002	5.30e-002	9.04e-002	-125.15	44.38	-29.20
361	167	1.24e-002	0.14	8.45e-002	-9.82	7.35	8.74
	6	1.24e-002	0.37	4.88e-002	-19.72	11.84	-7.56e-002
	7	2.49e-003	0.37	6.44e-002	-35.45	-0.75	-23.71
	2	2.49e-003	0.14	0.10	-15.84	42.06	-14.89
362	429	-2.13e-004	0.20	0.10	-3.99	12.24	9.43
	358	-2.13e-004	0.34	6.28e-002	3.89	20.92	0.85
	6	1.24e-002	0.34	5.49e-002	-4.87	7.57	3.33
	167	1.24e-002	0.20	9.11e-002	-16.41	12.22	11.92
363	168	4.49e-003	-6.36e-002	-1.53e-002	-7.78	3.92	27.20
	167	4.49e-003	0.14	6.15e-002	-13.11	20.32	4.91
	2	3.99e-003	0.14	6.98e-002	-70.23	41.98	8.35
	3	3.99e-003	-6.36e-002	-7.03e-003	2.21	51.85	30.65
364	367	1.16e-003	-1.74e-003	-1.51e-003	-0.77	1.21	15.64
	429	1.16e-003	0.20	7.85e-002	-3.59	7.54	11.26
	167	4.49e-003	0.20	6.81e-002	-6.44	12.99	16.71
	168	4.49e-003	-1.74e-003	-1.19e-002	-7.18	9.01	21.09
365	151	-1.06e-002	-9.42e-002	-2.52e-002	6.95	-33.13	1.76
	163	-1.06e-002	0.27	-1.12e-003	0.69	-34.77	-13.79
	164	-2.57e-004	0.27	2.54e-002	7.57	34.22	3.91
	155	-2.57e-004	-9.42e-002	1.26e-003	-32.81	-0.91	19.46
366	392	2.60e-002	-4.55e-002	1.61e-002	-0.62	-38.55	-16.58
	366	2.60e-002	0.24	2.15e-002	2.79	-37.58	-14.06
	163	-1.06e-002	0.24	-4.08e-003	-6.05	-29.07	-11.44
	151	-1.06e-002	-4.55e-002	-9.49e-003	13.56	-33.03	-13.97
367	159	1.63e-002	-0.27	6.24e-002	17.09	-77.59	36.89
	155	1.63e-002	-5.82e-002	-2.80e-002	40.04	118.98	54.75
	160	-0.10	-5.82e-002	-4.45e-003	-104.16	64.15	59.69
	142	-0.10	-0.27	8.60e-002	205.35	252.71	41.83
368	154	9.31e-003	-0.56	-5.18e-002	1.20	-50.80	-9.20
	151	9.31e-003	-9.42e-002	-6.20e-002	18.69	-52.36	-3.14
	155	1.63e-002	-9.42e-002	7.23e-005	34.91	-5.61	30.20
	159	1.63e-002	-0.56	1.02e-002	-8.02e-002	-61.23	24.14
369	363	-2.14e-002	-0.27	-6.42e-002	14.21	-10.02	-13.93
	392	-2.14e-002	-4.55e-002	-2.89e-002	1.84	-32.98	-13.44
	151	9.31e-003	-4.55e-002	-4.63e-002	4.69	-37.62	-14.16
	154	9.31e-003	-0.27	-8.16e-002	12.58	-59.41	-14.66
373	126	-2.87e-002	0.54	0.48	11.18	-1.90	-11.93
	391	-2.87e-002	-5.13e-002	-5.35e-002	17.04	-6.75	-11.24
	363	-0.40	-5.13e-002	-0.35	19.62	1.03	-11.04
	128	-0.40	0.54	0.19	11.49	-4.00	-11.73
374	123	0.38	0.41	0.18	11.04	-11.88	-6.92
	389	0.38	-0.23	-0.31	5.77	-17.09	-4.69
	391	-2.87e-002	-0.23	-3.60e-002	15.20	-5.14	-8.92
	126	-2.87e-002	0.41	0.45	11.05	-6.36	-11.15
375	119	-1.28e-002	0.51	-0.27	14.51	-8.29	-0.81
	387	-1.28e-002	-6.22e-002	-0.12	6.61	-23.56	-1.23

	389	0.38	-6.22e-002	-0.28	14.09	4.80	-5.86
	123	0.38	0.51	-0.43	5.24	-6.09	-5.43
376	115	-0.45	0.48	-0.49	16.19	2.10	4.72
	385	-0.45	0.33	-0.33	16.44	-12.54	4.00
	387	-1.28e-002	0.33	-0.13	24.47	15.33	0.58
	119	-1.28e-002	0.48	-0.29	5.12	3.93	1.29
377	111	-3.67e-002	0.60	0.42	11.31	5.56	8.24
	383	-3.67e-002	0.59	-8.23e-002	16.38	0.11	10.20
	385	-0.45	0.59	-0.37	27.25	13.50	8.09
	115	-0.45	0.60	0.13	8.72	10.03	6.13
378	106	0.40	0.42	0.14	11.02	-5.48	14.16
	381	0.40	0.41	-0.36	3.56	-12.18	16.73
	383	-3.67e-002	0.41	-8.17e-002	15.80	5.10	12.00
	111	-3.67e-002	0.42	0.41	9.69	2.88	9.42
379	102	-1.40e-002	0.50	-0.35	14.86	-2.93	20.47
	379	-1.40e-002	0.58	-0.16	4.88	-20.44	20.13
	381	0.40	0.58	-0.32	14.31	14.36	15.37
	106	0.40	0.50	-0.50	3.98	1.34	15.71
380	98	-0.44	0.44	-0.57	16.85	7.03	26.25
	377	-0.44	0.99	-0.36	15.24	-10.25	25.68
	379	-1.40e-002	0.99	-0.17	25.51	24.18	22.01
	102	-1.40e-002	0.44	-0.38	4.16	10.38	22.58
381	61	-3.65e-002	0.52	0.30	11.51	9.47	29.76
	375	-3.65e-002	1.27	-0.13	14.43	1.44	32.24
	377	-0.44	1.27	-0.40	29.00	22.49	30.06
	98	-0.44	0.52	3.06e-002	7.44	16.52	27.58
382	621	0.39	0.30	2.39e-002	8.14	-5.24	33.88
	373	0.39	1.10	-0.40	-2.56	-13.48	38.08
	375	-3.65e-002	1.10	-0.13	16.70	14.06	34.45
	61	-3.65e-002	0.30	0.29	6.66	9.26	30.24
383	619	-8.62e-003	0.33	-0.45	5.09	-10.37	35.44
	371	-8.62e-003	1.24	-0.22	-13.30	-25.58	38.60
	373	0.39	1.24	-0.36	8.34	17.69	37.29
	621	0.39	0.33	-0.59	-3.16	3.73	34.13
384	617	-0.35	0.21	-0.63	-1.71	-13.04	31.19
	369	-0.35	1.59	-0.37	-27.46	-26.30	36.35
	371	-8.62e-003	1.59	-0.21	4.06	21.98	39.67
	619	-8.62e-003	0.21	-0.48	-11.39	5.58	34.51
385	355	-2.42e-002	0.24	0.20	-5.99	-3.89	24.35
	289	-2.42e-002	1.87	-0.10	-30.89	-16.12	26.33
	369	-0.35	1.87	-0.39	-11.98	18.49	32.34
	617	-0.35	0.24	-8.11e-002	-16.52	0.58	30.35
386	127	-7.29e-002	0.21	-0.54	6.57	-2.89	-11.51
	126	-7.29e-002	0.54	0.85	10.75	-1.34	-12.74
	128	0.21	0.54	7.24e-003	11.39	-4.86	-14.41
	362	0.21	0.21	-1.38	2.83	-0.66	-13.18
387	124	-0.21	2.83	-1.26	2.13	-4.59	-10.42
	123	-0.21	0.41	6.64e-002	8.44	-10.41	-8.00
	126	-7.29e-002	0.41	0.82	9.21	-5.65	-11.62
	127	-7.29e-002	2.83	-0.51	7.44	-5.72	-14.04
388	120	-1.40e-002	1.47	0.19	1.82	1.29	-1.85
	119	-1.40e-002	0.51	-0.16	8.01	-5.33	-1.98
	123	-0.21	0.51	-0.54	8.08	-6.37	-7.39
	124	-0.21	1.47	-0.19	1.43	-4.38	-7.26
389	116	0.21	0.76	-0.21	2.10	10.46	4.29
	115	0.21	0.48	-0.59	9.47	4.44	3.89
	119	-1.40e-002	0.48	-0.18	9.77	3.06	-0.58
	120	-1.40e-002	0.76	0.20	0.76	4.14	-0.17
390	112	-8.58e-002	-0.83	-0.63	5.92	8.08	8.55
	111	-8.58e-002	0.60	0.80	10.11	6.81	7.16

	115	0.21	0.60	3.16e-002	11.20	9.11	4.82
	116	0.21	-0.83	-1.40	1.33	11.57	6.21
391	107	-0.22	1.88	-1.31	2.17	2.57	10.82
	106	-0.22	0.42	3.74e-002	7.91	-3.59	12.88
	111	-8.58e-002	0.42	0.79	8.93	3.48	8.78
	112	-8.58e-002	1.88	-0.56	6.34	3.83	6.72
392	103	-1.44e-002	0.36	0.19	1.88	7.40	19.22
	102	-1.44e-002	0.50	-0.23	7.74	0.39	18.99
	106	-0.22	0.50	-0.60	7.84	0.77	13.61
	107	-0.22	0.36	-0.18	1.20	2.33	13.84
393	99	0.20	-0.45	-0.20	2.14	15.90	25.18
	98	0.20	0.44	-0.65	8.98	9.67	24.84
	102	-1.44e-002	0.44	-0.25	9.62	9.25	20.49
	103	-1.44e-002	-0.45	0.20	0.63	9.93	20.83
394	62	-8.32e-002	-2.12	-0.60	5.28	12.16	28.54
	61	-8.32e-002	0.52	0.69	8.20	10.78	27.79
	98	0.20	0.52	-5.41e-002	10.76	15.40	25.96
	99	0.20	-2.12	-1.35	0.82	16.92	26.72
395	622	-0.21	0.37	-1.26	2.15	1.47	28.52
	621	-0.21	0.30	-4.94e-002	2.75	-3.64	31.20
	61	-8.32e-002	0.30	0.68	7.24	9.27	29.16
	62	-8.32e-002	0.37	-0.53	4.40	7.42	26.48
396	620	-1.12e-002	-1.22	0.19	1.32	-4.30	30.62
	619	-1.12e-002	0.33	-0.31	-3.34	-8.32	32.13
	621	-0.21	0.33	-0.67	2.78	2.46	31.48
	622	-0.21	-1.22	-0.17	-1.01	-0.53	29.98
397	618	0.19	-2.12	-0.17	1.35	-7.29	27.83
	617	0.19	0.21	-0.69	-7.91	-11.21	28.78
	619	-1.12e-002	0.21	-0.33	-1.68	2.47	31.35
	620	-1.12e-002	-2.12	0.19	-2.50	-5.54	30.40
398	288	-2.39e-002	-3.73	-0.49	3.56	-5.74	23.06
	355	-2.39e-002	0.24	0.55	-7.95	-2.85	22.05
	617	0.19	0.24	-0.14	-6.05	-2.87	27.24
	618	0.19	-3.73	-1.18	-0.88	-8.23	28.25
399	603	-4.80e-002	-0.62	0.79	5.24	-1.18	20.26
	616	-4.80e-002	-0.31	-0.49	2.81	-1.23	17.87
	357	-0.19	-0.31	-1.31	2.13	-5.49	20.56
	604	-0.19	-0.62	-2.84e-002	-9.03e-002	-9.83	22.95
400	602	0.21	-0.46	-1.26e-002	11.07	9.96	15.19
	615	0.21	-2.83	-1.32	0.18	10.00	14.84
	616	-4.80e-002	-2.83	-0.56	4.35	3.57	18.04
	603	-4.80e-002	-0.46	0.75	6.03	-1.47	18.38
401	601	-7.90e-005	-0.50	-0.21	10.80	8.62	8.41
	614	-7.90e-005	-1.32	0.21	0.66	9.54	8.59
	615	0.21	-1.32	-0.19	2.04	11.60	13.60
	602	0.21	-0.50	-0.61	9.89	4.56	13.42
402	600	-0.20	-0.39	-0.61	9.45	3.66	1.05
	613	-0.20	-0.60	-0.18	1.19	5.48	1.31
	614	-7.90e-005	-0.60	0.21	1.96	8.68	7.03
	601	-7.90e-005	-0.39	-0.22	9.31	1.41	6.78
403	599	-7.32e-002	-0.43	0.74	10.99	6.77	-5.07
	612	-7.32e-002	0.92	-0.56	5.33	7.80	-6.90
	613	-0.20	0.92	-1.30	2.57	5.79	-1.68
	600	-0.20	-0.43	1.97e-003	9.14	-1.49	0.15
404	598	0.22	-0.19	-4.62e-002	12.96	12.69	-11.59
	611	0.22	-1.71	-1.39	1.32	14.59	-10.42
	612	-7.32e-002	-1.71	-0.62	5.75	11.72	-6.19
	599	-7.32e-002	-0.19	0.72	11.48	6.90	-7.37
405	597	-3.55e-003	-0.24	-0.28	9.84	8.93	-18.57
	610	-3.55e-003	-5.08e-003	0.21	0.95	9.33	-17.56

	611	0.22	-5.08e-003	-0.19	2.11	15.03	-12.38
	598	0.22	-0.24	-0.68	11.21	7.19	-13.39
406	596	-0.20	-0.12	-0.66	6.77	2.72	-24.74
	609	-0.20	0.84	-0.17	0.94	3.05	-23.97
	610	-3.55e-003	0.84	0.21	1.63	8.27	-19.16
	597	-3.55e-003	-0.12	-0.28	8.03	0.96	-19.93
407	595	-7.28e-002	-0.14	0.65	6.87	5.12	-29.02
	608	-7.28e-002	2.43	-0.53	3.77	4.73	-30.07
	609	-0.20	2.43	-1.26	1.87	3.57	-26.34
	596	-0.20	-0.14	-6.70e-002	6.15	-2.73	-25.30
408	594	0.21	0.11	-0.10	7.70	10.72	-32.63
	607	0.21	-1.21e-002	-1.34	0.62	10.17	-31.52
	608	-7.28e-002	-1.21e-002	-0.60	3.91	8.72	-29.43
	595	-7.28e-002	0.11	0.64	7.20	4.85	-30.54
409	593	7.14e-004	9.36e-002	-0.34	3.86	6.79	-35.86
	606	7.14e-004	1.72	0.20	0.24	4.51	-34.62
	607	0.21	1.72	-0.18	1.18	10.73	-32.46
	594	0.21	9.36e-002	-0.71	6.04	5.01	-33.70
410	592	-0.16	0.24	-0.70	0.10	1.51	-37.61
	605	-0.16	2.62	-0.15	-0.24	-1.58	-36.48
	606	7.14e-004	2.62	0.20	0.71	3.89	-35.21
	593	7.14e-004	0.24	-0.35	1.97	-1.23	-36.33
411	348	-0.10	0.29	0.46	-1.26	3.15	-38.03
	283	-0.10	4.19	-0.44	-0.11	0.94	-37.75
	605	-0.16	4.19	-1.08	0.48	-0.84	-37.11
	592	-0.16	0.29	-0.19	-1.14	-4.08	-37.39
412	591	-1.21e-002	-5.17e-002	-8.62e-002	7.55	-0.44	26.79
	603	-1.21e-002	-0.62	0.40	2.34	-1.78	22.11
	604	0.39	-0.62	0.16	1.12	-11.08	24.66
	356	0.39	-5.17e-002	-0.33	-11.05	-14.84	29.35
413	590	-0.41	0.13	-0.38	30.83	14.78	21.99
	602	-0.41	-0.46	6.78e-002	7.49	10.79	17.13
	603	-1.21e-002	-0.46	0.36	8.72	-3.27	20.17
	591	-1.21e-002	0.13	-8.67e-002	9.02	-10.14	25.04
414	589	-2.44e-003	4.32e-005	-0.18	30.27	24.26	10.64
	601	-2.44e-003	-0.50	-0.35	6.12	9.83	10.57
	602	-0.41	-0.50	-0.53	17.70	1.49	15.36
	590	-0.41	4.32e-005	-0.36	18.39	-17.47	15.44
415	588	0.41	-0.27	-0.34	19.41	19.48	3.33
	600	0.41	-0.39	-0.52	4.83	4.52	3.58
	601	-2.44e-003	-0.39	-0.35	16.76	-2.10	8.46
	589	-2.44e-003	-0.27	-0.18	8.52	-21.67	8.21
416	587	-2.18e-002	-0.38	-0.12	22.27	12.16	-0.50
	599	-2.18e-002	-0.43	0.35	9.36	6.51	-3.48
	600	0.41	-0.43	8.95e-002	13.94	-3.96	1.69
	588	0.41	-0.38	-0.38	5.12	-14.50	4.67
417	586	-0.45	-0.17	-0.43	34.63	22.11	-6.87
	598	-0.45	-0.19	2.73e-002	9.01	14.00	-9.62
	599	-2.18e-002	-0.19	0.33	15.42	4.28	-5.71
	587	-2.18e-002	-0.17	-0.13	16.60	-7.52	-2.96
418	585	-5.26e-003	-0.37	-0.21	28.97	29.03	-16.95
	597	-5.26e-003	-0.24	-0.43	4.08	10.84	-16.20
	598	-0.45	-0.24	-0.61	19.46	3.42	-11.82
	586	-0.45	-0.37	-0.40	16.77	-18.92	-12.57
419	584	0.40	-0.70	-0.36	15.86	22.83	-22.62
	596	0.40	-0.12	-0.59	1.03	4.39	-22.15
	597	-5.26e-003	-0.12	-0.43	15.76	-2.99	-18.22
	585	-5.26e-003	-0.70	-0.20	3.11	-25.14	-18.69
420	583	-2.37e-002	-0.84	-0.15	16.76	15.19	-24.51
	595	-2.37e-002	-0.14	0.26	4.20	5.80	-27.26

	596	0.40	-0.14	7.89e-003	11.25	-5.51	-23.56
	584	0.40	-0.84	-0.40	-1.94	-18.40	-20.80
421	582	-0.43	-0.66	-0.44	26.54	24.73	-28.12
	594	-0.43	0.11	-4.03e-002	2.78	12.87	-30.59
	595	-2.37e-002	0.11	0.25	11.30	2.28	-28.69
	583	-2.37e-002	-0.66	-0.16	7.59	-11.38	-26.22
422	581	-1.73e-003	-0.86	-0.24	19.08	31.73	-34.35
	593	-1.73e-003	9.36e-002	-0.48	-3.17	9.74	-33.46
	594	-0.43	9.36e-002	-0.65	14.00	1.46	-31.76
	582	-0.43	-0.86	-0.41	5.68	-22.13	-32.66
423	580	0.35	-1.17	-0.37	6.07	27.11	-35.33
	592	0.35	0.24	-0.65	-7.53	4.48	-35.00
	593	-1.73e-003	0.24	-0.50	9.50	-4.93	-34.25
	581	-1.73e-003	-1.17	-0.23	-9.57	-28.27	-34.58
424	282	-2.12e-002	-1.33	-0.21	4.64	21.56	-32.75
	348	-2.12e-002	0.29	6.31e-002	-5.40	5.48	-35.30
	592	0.35	0.29	-0.13	4.57	-7.00	-35.26
	580	0.35	-1.33	-0.40	-16.11	-23.11	-32.71
425	578	4.51e-002	5.25e-002	-0.10	37.57	22.03	47.66
	591	4.51e-002	-5.17e-002	-7.24e-002	-12.10	-18.15	40.95
	356	5.76e-002	-5.17e-002	-4.21e-002	1.15	54.21	30.76
	579	5.76e-002	5.25e-002	-7.10e-002	3.50	27.16	37.47
426	577	9.03e-003	8.81e-004	-0.22	31.02	44.65	24.99
	590	9.03e-003	0.13	-0.15	16.66	17.67	21.45
	591	4.51e-002	0.13	-8.88e-002	32.14	90.84	40.09
	578	4.51e-002	8.81e-004	-0.16	4.56	39.82	43.63
427	576	-2.86e-003	-8.19e-002	-0.25	27.37	19.21	4.00
	589	-2.86e-003	4.32e-005	-0.20	18.83	4.35	5.94
	590	9.03e-003	4.32e-005	-0.18	28.81	66.03	17.93
	577	9.03e-003	-8.19e-002	-0.23	23.41	35.71	15.99
428	575	-5.01e-003	-0.22	-0.23	28.33	-7.70	1.99
	588	-5.01e-003	-0.27	-0.18	9.50	-31.19	4.66
	589	-2.86e-003	-0.27	-0.20	20.90	29.95	3.97
	576	-2.86e-003	-0.22	-0.25	25.21	7.34	1.30
429	574	4.57e-003	-0.31	-0.19	40.93	-9.15	11.53
	587	4.57e-003	-0.38	-0.11	-1.13	-56.94	11.37
	588	-5.01e-003	-0.38	-0.15	21.43	23.29	4.27
	575	-5.01e-003	-0.31	-0.23	17.85	-15.35	4.44
430	573	8.51e-003	-0.38	-0.25	26.28	12.32	-8.45
	586	8.51e-003	-0.17	-0.17	16.55	-20.52	-8.29
	587	4.57e-003	-0.17	-0.12	40.05	65.15	9.04
	574	4.57e-003	-0.38	-0.19	3.29	9.98	8.87
431	572	2.90e-003	-0.49	-0.27	17.88	-18.48	-26.20
	585	2.90e-003	-0.37	-0.23	14.60	-35.43	-22.56
	586	8.51e-003	-0.37	-0.21	28.16	32.90	-12.11
	573	8.51e-003	-0.49	-0.25	15.61	2.47	-15.75
432	571	-1.08e-003	-0.66	-0.26	16.72	-49.12	-25.59
	584	-1.08e-003	-0.70	-0.21	3.53	-72.89	-22.18
	585	2.90e-003	-0.70	-0.23	15.82	-10.73	-24.52
	572	2.90e-003	-0.66	-0.28	15.02	-31.49	-27.93
433	570	5.90e-003	-0.77	-0.23	28.21	-53.63	-14.14
	583	5.90e-003	-0.84	-0.14	-8.33	-101.62	-13.81
	584	-1.08e-003	-0.84	-0.18	14.76	-20.42	-22.42
	571	-1.08e-003	-0.77	-0.27	6.14	-57.31	-22.75
434	569	1.02e-002	-0.86	-0.29	13.93	-34.38	-30.88
	582	1.02e-002	-0.66	-0.20	7.12	-68.76	-30.31
	583	5.90e-003	-0.66	-0.15	31.43	17.71	-15.62
	570	5.90e-003	-0.86	-0.24	-8.59	-35.61	-16.20
435	568	6.70e-003	-0.98	-0.32	6.28	-64.94	-44.45
	581	6.70e-003	-0.86	-0.26	3.38	-84.59	-40.60

	582	1.02e-002	-0.86	-0.24	18.32	-14.25	-33.11
	569	1.02e-002	-0.98	-0.30	3.29	-43.55	-36.96
436	567	2.74e-003	-1.16	-0.32	4.41	-95.93	-40.01
	580	2.74e-003	-1.17	-0.25	-7.65	-119.62	-36.46
	581	6.70e-003	-1.17	-0.26	4.72	-59.74	-41.01
	568	6.70e-003	-1.16	-0.33	3.04	-77.55	-44.56
437	343	8.83e-003	-1.30	-0.30	11.64	-105.04	-26.21
	282	8.83e-003	-1.33	-0.20	-17.57	-149.76	-25.32
	580	2.74e-003	-1.33	-0.23	2.56	-72.19	-35.50
	567	2.74e-003	-1.30	-0.33	-5.70	-103.79	-36.39
438	566	7.86e-002	5.21e-002	-0.10	37.10	15.51	43.32
	578	7.86e-002	5.25e-002	-0.13	20.03	26.01	37.92
	579	0.11	5.25e-002	-8.62e-003	12.58	28.06	42.32
	364	0.11	5.21e-002	1.93e-002	27.80	32.87	47.72
439	565	3.31e-002	-2.40e-002	-0.10	29.20	25.54	19.42
	577	3.31e-002	8.81e-004	-0.17	26.80	40.48	20.86
	578	7.86e-002	8.81e-004	-0.18	26.75	32.28	36.42
	566	7.86e-002	-2.40e-002	-0.12	33.72	27.16	34.98
440	564	-5.33e-003	-0.12	-0.11	27.57	11.47	1.84
	576	-5.33e-003	-8.19e-002	-0.18	29.13	19.02	1.46
	577	3.31e-002	-8.19e-002	-0.18	22.34	28.58	12.34
	565	3.31e-002	-0.12	-0.11	33.15	22.10	12.73
441	563	-2.21e-002	-0.23	-0.11	28.44	-6.52	-3.24
	575	-2.21e-002	-0.22	-0.18	28.95	-3.92	-3.11
	576	-5.33e-003	-0.22	-0.18	23.78	4.21	-0.99
	564	-5.33e-003	-0.23	-0.11	33.99	4.08	-1.12
442	562	7.96e-003	-0.34	-0.12	27.13	-9.58	-2.24
	574	7.96e-003	-0.31	-0.20	19.73	-4.37	0.49
	575	-2.21e-002	-0.31	-0.19	24.29	-15.68	-0.22
	563	-2.21e-002	-0.34	-0.11	31.06	-9.55	-2.96
443	561	3.01e-002	-0.45	-0.11	14.89	-3.03	-16.09
	573	3.01e-002	-0.38	-0.19	18.63	9.64	-13.29
	574	7.96e-003	-0.38	-0.20	23.21	1.81	-2.11
	562	7.96e-003	-0.45	-0.12	19.00	5.44e-002	-4.91
444	560	5.23e-003	-0.56	-0.11	12.09	-24.26	-29.31
	572	5.23e-003	-0.49	-0.19	17.98	-18.07	-28.83
	573	3.01e-002	-0.49	-0.19	13.68	-4.51	-20.97
	561	3.01e-002	-0.56	-0.11	17.86	-8.46	-21.45
445	559	-1.44e-002	-0.68	-0.12	12.52	-46.60	-31.19
	571	-1.44e-002	-0.66	-0.21	16.26	-45.08	-30.64
	572	5.23e-003	-0.66	-0.20	12.44	-34.22	-30.71
	560	5.23e-003	-0.68	-0.11	18.06	-32.59	-31.27
446	558	1.13e-002	-0.80	-0.14	11.58	-52.43	-27.58
	570	1.13e-002	-0.77	-0.23	7.01	-48.46	-24.96
	571	-1.44e-002	-0.77	-0.21	11.71	-57.47	-27.46
	559	-1.44e-002	-0.80	-0.13	15.02	-50.29	-30.08
447	557	3.25e-002	-0.93	-0.14	0.93	-46.95	-38.03
	569	3.25e-002	-0.86	-0.23	6.40	-36.09	-35.72
	570	1.13e-002	-0.86	-0.23	10.35	-43.38	-26.95
	558	1.13e-002	-0.93	-0.14	4.17	-43.83	-29.27
448	556	1.08e-002	-1.06	-0.14	-4.61e-002	-67.42	-47.07
	568	1.08e-002	-0.98	-0.24	6.21	-63.34	-47.09
	569	3.25e-002	-0.98	-0.23	1.54	-49.89	-42.13
	557	3.25e-002	-1.06	-0.13	4.56	-52.21	-42.11
449	555	-5.93e-003	-1.20	-0.15	1.47	-91.29	-45.11
	567	-5.93e-003	-1.16	-0.25	4.32	-91.27	-44.69
	568	1.08e-002	-1.16	-0.25	1.10	-79.36	-47.30
	556	1.08e-002	-1.20	-0.14	6.01	-75.98	-47.72
450	290	1.56e-002	-1.35	-0.17	0.73	-101.27	-38.21
	343	1.56e-002	-1.30	-0.28	-3.06	-99.29	-36.03

	567	-5.93e-003	-1.30	-0.27	0.50	-103.54	-40.69
	555	-5.93e-003	-1.35	-0.16	3.93	-95.55	-42.87
451	553	0.11	1.27e-003	-6.33e-002	47.01	12.26	35.04
	566	0.11	5.21e-002	-7.89e-002	36.92	8.91	41.10
	364	0.41	5.21e-002	3.82e-002	54.22	33.58	56.78
	554	0.41	1.27e-003	5.37e-002	46.62	7.76	50.72
452	552	3.18e-002	-4.00e-002	-5.84e-002	34.88	10.66	16.18
	565	3.18e-002	-2.40e-002	-7.19e-002	32.19	19.58	19.99
	566	0.11	-2.40e-002	-0.10	35.75	23.45	34.19
	553	0.11	-4.00e-002	-8.54e-002	41.97	12.03	30.38
453	551	-7.40e-003	-0.15	-5.43e-002	30.08	3.29	1.95
	564	-7.40e-003	-0.12	-7.36e-002	31.97	8.45	2.69
	565	3.18e-002	-0.12	-7.47e-002	29.13	18.39	12.51
	552	3.18e-002	-0.15	-5.55e-002	35.00	9.49	11.77
454	550	-1.57e-002	-0.27	-5.42e-002	28.46	-7.71	-4.30
	563	-1.57e-002	-0.23	-7.41e-002	30.39	-6.97	-3.57
	564	-7.40e-003	-0.23	-7.10e-002	28.53	3.04	-0.29
	551	-7.40e-003	-0.27	-5.11e-002	32.37	-0.92	-1.02
455	549	9.06e-003	-0.39	-6.49e-002	24.47	-12.59	-7.92
	562	9.06e-003	-0.34	-8.78e-002	21.17	-10.84	-4.22
	563	-1.57e-002	-0.34	-8.08e-002	28.31	-8.10	-2.43
	550	-1.57e-002	-0.39	-5.80e-002	27.67	-8.90	-6.13
456	548	2.70e-002	-0.50	-5.81e-002	15.02	-14.45	-19.08
	561	2.70e-002	-0.45	-7.94e-002	15.94	-7.95	-15.47
	562	9.06e-003	-0.45	-8.64e-002	22.87	-2.36	-6.95
	549	9.06e-003	-0.50	-6.51e-002	18.17	-8.07	-10.56
457	547	1.08e-002	-0.62	-5.21e-002	11.18	-29.53	-29.02
	560	1.08e-002	-0.56	-6.89e-002	15.43	-26.43	-28.47
	561	2.70e-002	-0.56	-7.26e-002	13.63	-11.53	-21.81
	548	2.70e-002	-0.62	-5.58e-002	14.51	-17.97	-22.36
458	546	-2.41e-003	-0.73	-6.43e-002	10.57	-45.40	-31.79
	559	-2.41e-003	-0.68	-8.22e-002	13.89	-46.34	-31.37
	560	1.08e-002	-0.68	-7.24e-002	12.27	-33.15	-30.52
	547	1.08e-002	-0.73	-5.44e-002	13.36	-35.32	-30.94
459	545	1.59e-002	-0.85	-7.90e-002	8.25	-53.09	-32.06
	558	1.59e-002	-0.80	-0.10	5.79	-52.92	-29.15
	559	-2.41e-003	-0.80	-9.34e-002	12.14	-48.52	-29.54
	546	-2.41e-003	-0.85	-7.01e-002	10.03	-47.79	-32.45
460	544	3.19e-002	-0.99	-7.60e-002	1.43	-55.48	-39.48
	557	3.19e-002	-0.93	-0.10	2.40	-50.80	-37.05
	558	1.59e-002	-0.93	-0.10	7.84	-45.75	-31.00
	545	1.59e-002	-0.99	-8.09e-002	2.78	-49.73	-33.44
461	543	1.84e-002	-1.12	-7.15e-002	0.37	-69.68	-45.49
	556	1.84e-002	-1.06	-9.21e-002	3.64	-68.41	-46.06
	557	3.19e-002	-1.06	-9.49e-002	0.62	-54.54	-42.02
	544	3.19e-002	-1.12	-7.43e-002	1.80	-59.05	-41.45
462	542	6.36e-003	-1.26	-8.23e-002	2.02	-87.42	-44.66
	555	6.36e-003	-1.20	-0.10	3.52	-89.95	-45.12
	556	1.84e-002	-1.20	-0.10	1.15	-75.81	-46.61
	543	1.84e-002	-1.26	-7.33e-002	3.10	-76.21	-46.15
463	338	1.91e-002	-1.41	-9.42e-002	1.12	-99.03	-41.37
	290	1.91e-002	-1.35	-0.12	-2.21	-100.60	-39.43
	555	6.36e-003	-1.35	-0.11	2.32	-93.30	-42.14
	542	6.36e-003	-1.41	-8.67e-002	2.01	-90.99	-44.08
464	540	0.12	-6.62e-003	-3.41e-002	44.41	-6.78	28.09
	553	0.12	1.27e-003	-1.78e-002	44.50	8.84	32.32
	554	0.40	1.27e-003	-5.36e-003	46.90	2.03	43.22
	541	0.40	-6.62e-003	-2.16e-002	53.83	2.03	38.99
465	539	1.91e-002	-7.31e-002	3.15e-002	33.64	-1.25	10.85
	552	1.91e-002	-4.00e-002	-1.79e-002	35.49	6.40	15.90

	553	0.12	-4.00e-002	-3.99e-002	40.15	7.84	26.37
	540	0.12	-7.31e-002	9.45e-003	43.07	0.49	21.32
466	538	-8.60e-003	-0.21	4.87e-002	27.03	-4.40	-0.32
	551	-8.60e-003	-0.15	-1.21e-002	31.28	0.34	1.93
	552	1.91e-002	-0.15	-1.50e-002	32.08	6.14	9.69
	539	1.91e-002	-0.21	4.58e-002	32.51	-0.24	7.44
467	537	-7.66e-003	-0.32	4.47e-002	23.24	-11.31	-7.46
	550	-7.66e-003	-0.27	-1.28e-002	27.49	-8.93	-5.68
	551	-8.60e-003	-0.27	-8.91e-003	28.35	-2.52	-1.46
	538	-8.60e-003	-0.32	4.86e-002	27.34	-6.18	-3.24
468	536	8.47e-003	-0.44	3.77e-002	18.51	-16.64	-13.46
	549	8.47e-003	-0.39	-2.09e-002	19.98	-13.72	-10.23
	550	-7.66e-003	-0.39	-1.66e-002	25.50	-9.76	-6.75
	537	-7.66e-003	-0.44	4.20e-002	22.02	-11.83	-9.98
469	535	1.96e-002	-0.55	4.12e-002	11.60	-22.28	-22.46
	548	1.96e-002	-0.50	-1.73e-002	14.31	-17.44	-19.39
	549	8.47e-003	-0.50	-2.11e-002	19.50	-10.89	-13.12
	536	8.47e-003	-0.55	3.74e-002	14.98	-15.04	-16.19
470	534	1.35e-002	-0.66	4.61e-002	7.64	-34.41	-30.20
	547	1.35e-002	-0.62	-1.22e-002	12.05	-31.49	-29.00
	548	1.96e-002	-0.62	-1.50e-002	12.21	-20.59	-23.93
	535	1.96e-002	-0.66	4.34e-002	10.83	-24.94	-25.12
471	533	7.99e-003	-0.78	4.19e-002	6.10	-46.24	-33.70
	546	7.99e-003	-0.73	-1.93e-002	9.72	-45.65	-32.86
	547	1.35e-002	-0.73	-1.45e-002	9.62	-36.26	-31.14
	534	1.35e-002	-0.78	4.66e-002	8.54	-38.13	-31.98
472	532	1.68e-002	-0.90	3.68e-002	4.08	-54.38	-35.73
	545	1.68e-002	-0.85	-2.92e-002	4.34	-53.24	-33.78
	546	7.99e-003	-0.85	-2.51e-002	8.30	-47.96	-32.78
	533	7.99e-003	-0.90	4.09e-002	5.59	-48.24	-34.74
473	531	2.51e-002	-1.03	4.18e-002	0.56	-60.46	-40.66
	544	2.51e-002	-0.99	-2.73e-002	1.45	-57.39	-39.18
	545	1.68e-002	-0.99	-3.11e-002	4.65	-51.74	-35.42
	532	1.68e-002	-1.03	3.81e-002	1.50	-54.06	-36.90
474	530	2.00e-002	-1.17	4.85e-002	-9.37e-004	-71.87	-44.67
	543	2.00e-002	-1.12	-2.24e-002	2.06	-70.54	-45.02
	544	2.51e-002	-1.12	-2.56e-002	0.36	-60.77	-42.27
	531	2.51e-002	-1.17	4.53e-002	0.73	-63.37	-41.92
475	529	1.45e-002	-1.31	4.74e-002	1.33	-85.74	-44.86
	542	1.45e-002	-1.26	-2.74e-002	2.32	-86.63	-45.35
	543	2.00e-002	-1.26	-2.42e-002	0.59	-76.32	-45.72
	530	2.00e-002	-1.31	5.06e-002	1.70	-76.67	-45.23
476	335	1.93e-002	-1.46	4.57e-002	1.53	-97.43	-43.40
	338	1.93e-002	-1.41	-3.42e-002	-0.36	-98.05	-42.66
	542	1.45e-002	-1.41	-3.18e-002	1.58	-90.35	-43.93
	529	1.45e-002	-1.46	4.81e-002	1.65	-89.16	-44.67
477	528	8.05e-002	-2.42e-002	8.83e-002	40.41	-11.32	8.76
	540	8.05e-002	-6.62e-003	3.88e-002	46.40	-13.66	25.26
	541	0.56	-6.62e-003	-0.10	54.00	-0.27	42.86
	365	0.56	-2.42e-002	-4.85e-002	78.88	-27.83	26.36
478	527	9.72e-003	-0.17	0.10	25.39	-8.66	4.48
	539	9.72e-003	-7.31e-002	6.99e-002	31.95	-4.50	10.19
	540	8.05e-002	-7.31e-002	8.23e-002	38.50	-3.01	17.54
	528	8.05e-002	-0.17	0.11	34.79	-9.38	11.82
479	526	-6.39e-003	-0.29	0.12	18.33	-11.14	-3.63
	538	-6.39e-003	-0.21	9.20e-002	25.72	-7.07	-0.76
	539	9.72e-003	-0.21	8.42e-002	28.82	-3.11	5.05
	527	9.72e-003	-0.29	0.11	23.23	-7.36	2.18
480	525	-1.66e-003	-0.39	0.10	13.97	-16.23	-10.76
	537	-1.66e-003	-0.32	8.52e-002	20.91	-13.11	-8.62

	538	-6.39e-003	-0.32	9.20e-002	23.27	-8.16	-4.32
	526	-6.39e-003	-0.39	0.11	17.59	-11.18	-6.46
481	524	9.24e-003	-0.49	0.10	9.77	-21.56	-17.57
	536	9.24e-003	-0.44	8.06e-002	14.94	-18.28	-15.01
	537	-1.66e-003	-0.44	8.25e-002	19.11	-13.54	-10.99
	525	-1.66e-003	-0.49	0.10	12.76	-16.01	-13.55
482	523	1.59e-002	-0.59	0.10	4.96	-28.39	-25.34
	535	1.59e-002	-0.55	8.23e-002	10.07	-24.55	-23.01
	536	9.24e-003	-0.55	8.03e-002	13.73	-17.52	-18.04
	524	9.24e-003	-0.59	0.10	7.81	-20.80	-20.37
483	522	1.37e-002	-0.70	0.10	1.97	-38.68	-31.63
	534	1.37e-002	-0.66	8.74e-002	7.21	-36.07	-30.40
	535	1.59e-002	-0.66	8.45e-002	8.13	-27.08	-26.51
	523	1.59e-002	-0.70	0.10	4.48	-30.03	-27.74
484	521	1.17e-002	-0.82	0.10	0.83	-48.13	-35.10
	533	1.17e-002	-0.78	8.77e-002	4.86	-46.87	-34.37
	534	1.37e-002	-0.78	8.79e-002	5.32	-39.25	-32.50
	522	1.37e-002	-0.82	0.10	2.42	-40.68	-33.23
485	520	1.60e-002	-0.94	0.10	-2.29e-003	-56.18	-37.54
	532	1.60e-002	-0.90	8.71e-002	1.74	-54.83	-36.57
	533	1.17e-002	-0.90	8.68e-002	3.80	-48.95	-35.20
	521	1.17e-002	-0.94	0.10	0.64	-49.58	-36.17
486	519	2.04e-002	-1.07	0.11	-1.11	-63.72	-41.02
	531	2.04e-002	-1.03	9.23e-002	0.24	-61.60	-40.48
	532	1.60e-002	-1.03	8.84e-002	1.62	-55.47	-38.01
	520	1.60e-002	-1.07	0.11	-0.99	-56.90	-38.54
487	518	1.87e-002	-1.21	0.12	-0.64	-73.78	-43.80
	530	1.87e-002	-1.17	0.10	0.89	-72.52	-44.30
	531	2.04e-002	-1.17	0.10	-0.39	-64.53	-42.43
	519	2.04e-002	-1.21	0.11	-0.73	-65.94	-41.94
488	517	1.62e-002	-1.36	0.12	1.11	-85.41	-44.32
	529	1.62e-002	-1.31	0.10	1.70	-85.41	-45.06
	530	1.87e-002	-1.31	0.10	9.06e-002	-76.90	-44.96
	518	1.87e-002	-1.36	0.12	0.66	-77.05	-44.22
489	291	1.66e-002	-1.51	0.13	2.66	-96.56	-43.53
	335	1.66e-002	-1.46	0.11	1.37	-96.78	-43.83
	529	1.62e-002	-1.46	0.10	1.33	-88.95	-44.50
	517	1.62e-002	-1.51	0.12	1.86	-88.21	-44.20
490	515	5.36e-002	-0.25	0.19	18.69	-13.64	4.47
	528	5.36e-002	-2.42e-002	0.13	32.00	-8.00	9.26
	365	0.15	-2.42e-002	1.71e-002	45.24	-35.95	3.12
	516	0.15	-0.25	8.32e-002	20.30	-22.39	-1.67
491	514	2.58e-003	-0.32	0.21	11.67	-12.40	0.65
	527	2.58e-003	-0.17	0.13	20.74	-10.16	4.18
	528	5.36e-002	-0.17	0.15	30.24	-12.50	6.17
	515	5.36e-002	-0.32	0.23	13.12	-12.83	2.64
492	513	-3.84e-003	-0.37	0.22	6.02	-14.06	-6.23
	526	-3.84e-003	-0.29	0.14	14.41	-13.00	-3.85
	527	2.58e-003	-0.29	0.14	19.48	-10.11	0.12
	514	2.58e-003	-0.37	0.21	8.35	-14.18	-2.26
493	512	1.02e-003	-0.45	0.21	2.22	-18.42	-12.96
	525	1.02e-003	-0.39	0.13	9.79	-17.79	-11.22
	526	-3.84e-003	-0.39	0.14	13.56	-13.59	-7.32
	513	-3.84e-003	-0.45	0.21	3.85	-17.98	-9.06
494	511	7.06e-003	-0.53	0.21	-0.73	-23.70	-19.72
	524	7.06e-003	-0.49	0.13	5.45	-22.98	-18.12
	525	1.02e-003	-0.49	0.13	9.44	-18.36	-14.18
	512	1.02e-003	-0.53	0.21	0.22	-22.73	-15.77
495	510	1.01e-002	-0.62	0.22	-3.34	-30.38	-26.65
	523	1.01e-002	-0.59	0.13	2.04	-29.88	-25.33

	524	7.06e-003	-0.59	0.13	5.44	-23.38	-21.22
	511	7.06e-003	-0.62	0.21	-2.65	-28.17	-22.54
496	509	9.24e-003	-0.73	0.23	-4.40	-39.08	-31.95
	522	9.24e-003	-0.70	0.14	-0.12	-39.68	-31.28
	523	1.01e-002	-0.70	0.13	1.76	-32.16	-28.27
	510	1.01e-002	-0.73	0.22	-4.19	-36.63	-28.95
497	508	8.52e-003	-0.85	0.24	-4.05	-47.24	-35.09
	521	8.52e-003	-0.82	0.14	-1.37	-48.53	-34.89
	522	9.24e-003	-0.82	0.14	-1.53e-002	-42.06	-33.18
	509	9.24e-003	-0.85	0.23	-4.78	-45.56	-33.38
498	507	1.05e-002	-0.97	0.25	-3.36	-55.07	-37.48
	520	1.05e-002	-0.94	0.14	-2.43	-56.43	-37.33
	521	8.52e-003	-0.94	0.14	-0.55	-50.64	-35.98
	508	8.52e-003	-0.97	0.24	-4.79	-53.74	-36.13
499	506	1.25e-002	-1.10	0.26	-2.60	-63.00	-40.10
	519	1.25e-002	-1.07	0.15	-2.37	-64.23	-40.25
	520	1.05e-002	-1.07	0.15	-1.01	-58.14	-38.54
	507	1.05e-002	-1.10	0.26	-4.44	-61.58	-38.39
500	505	1.20e-002	-1.24	0.28	-0.92	-72.02	-42.16
	518	1.20e-002	-1.21	0.16	-1.05	-74.02	-42.81
	519	1.25e-002	-1.21	0.15	-1.02	-66.93	-41.56
	506	1.25e-002	-1.24	0.27	-2.97	-70.55	-40.91
501	504	1.07e-002	-1.39	0.29	1.65	-82.26	-42.64
	517	1.07e-002	-1.36	0.17	0.73	-85.08	-43.53
	518	1.20e-002	-1.36	0.16	0.36	-77.47	-43.37
	505	1.20e-002	-1.39	0.28	-0.73	-80.48	-42.49
502	330	1.06e-002	-1.54	0.30	4.58	-92.56	-41.85
	291	1.06e-002	-1.51	0.17	2.34	-95.87	-42.73
	517	1.07e-002	-1.51	0.17	2.48	-88.33	-43.33
	504	1.07e-002	-1.54	0.30	1.69	-90.87	-42.45
503	503	3.01e-002	-0.52	0.14	-2.24	-28.96	-3.59
	515	3.01e-002	-0.25	0.20	14.66	-16.02	0.52
	516	5.10e-002	-0.25	0.14	15.95	-18.99	-2.68
	361	5.10e-002	-0.52	7.57e-002	9.20	-1.94	-6.78
504	502	-4.27e-004	-0.48	0.15	-11.73	-34.57	-6.55
	514	-4.27e-004	-0.32	0.24	9.65	-16.17	-3.25
	515	3.01e-002	-0.32	0.24	8.68	-12.51	-0.85
	503	3.01e-002	-0.48	0.15	-0.53	2.80	-4.15
505	501	-1.12e-003	-0.46	0.16	-16.60	-37.53	-12.02
	513	-1.12e-003	-0.37	0.25	4.54	-17.73	-9.62
	514	-4.27e-004	-0.37	0.24	0.19	-14.45	-6.60
	502	-4.27e-004	-0.46	0.15	-4.80	1.47	-9.00
506	500	1.68e-003	-0.49	0.16	-19.30	-41.60	-17.84
	512	1.68e-003	-0.45	0.25	0.78	-21.92	-16.16
	513	-1.12e-003	-0.45	0.24	-4.63	-18.31	-12.99
	501	-1.12e-003	-0.49	0.16	-8.68	-2.72	-14.67
507	499	5.02e-003	-0.56	0.17	-20.50	-46.89	-23.94
	511	5.02e-003	-0.53	0.25	-1.80	-27.09	-22.80
	512	1.68e-003	-0.53	0.25	-7.78	-23.12	-19.38
	500	1.68e-003	-0.56	0.16	-10.99	-7.73	-20.52
508	498	6.16e-003	-0.65	0.18	-20.07	-53.64	-29.99
	510	6.16e-003	-0.62	0.26	-2.90	-33.57	-29.53
	511	5.02e-003	-0.62	0.26	-10.05	-28.67	-26.01
	499	5.02e-003	-0.65	0.17	-11.50	-13.13	-26.47
509	497	5.25e-003	-0.76	0.19	-17.74	-61.84	-34.61
	509	5.25e-003	-0.73	0.28	-2.90	-41.75	-34.77
	510	6.16e-003	-0.73	0.27	-11.57	-36.65	-32.20
	498	6.16e-003	-0.76	0.18	-9.54	-19.87	-32.05
510	496	4.90e-003	-0.87	0.20	-15.28	-70.38	-37.84
	508	4.90e-003	-0.85	0.29	-1.96	-49.67	-38.12

	509	5.25e-003	-0.85	0.28	-11.52	-44.85	-36.37
	497	5.25e-003	-0.87	0.19	-6.61	-26.40	-36.08
511	495	5.93e-003	-9.99e-001	0.20	-13.19	-79.02	-40.46
	507	5.93e-003	-0.97	0.30	-0.88	-57.52	-40.64
	508	4.90e-003	-0.97	0.30	-10.61	-52.64	-39.14
	496	4.90e-003	-9.99e-001	0.20	-4.03	-33.06	-38.96
512	494	7.04e-003	-1.13	0.22	-11.29	-88.25	-42.83
	506	7.04e-003	-1.10	0.32	0.96	-65.60	-43.15
	507	5.93e-003	-1.10	0.31	-9.71	-60.35	-41.61
	495	5.93e-003	-1.13	0.21	-1.61	-39.68	-41.29
513	493	6.81e-003	-1.27	0.23	-8.42	-97.66	-44.53
	505	6.81e-003	-1.24	0.34	3.58	-74.42	-45.25
	506	7.04e-003	-1.24	0.33	-8.38	-69.09	-44.12
	494	7.04e-003	-1.27	0.22	1.33	-47.31	-43.40
514	492	6.29e-003	-1.42	0.24	-5.02	-108.38	-45.05
	504	6.29e-003	-1.39	0.35	6.78	-84.41	-45.94
	505	6.81e-003	-1.39	0.35	-6.23	-78.52	-45.61
	493	6.81e-003	-1.42	0.23	5.22	-54.97	-44.72
515	287	8.57e-003	-1.57	0.25	-0.67	-118.99	-44.52
	330	8.57e-003	-1.54	0.37	9.14	-94.56	-45.37
	504	6.29e-003	-1.54	0.36	-3.38	-88.42	-45.67
	492	6.29e-003	-1.57	0.24	9.21	-63.60	-44.82
516	489	1.30e-002	9.33e-002	0.19	-0.72	-13.80	-8.63
	503	1.30e-002	-0.52	0.13	-3.16	-7.38	-4.28
	361	-2.13e-002	-0.52	8.79e-002	2.56	-22.08	-6.47
	491	-2.13e-002	9.33e-002	0.15	2.18	-11.23	-10.83
517	487	1.90e-002	0.17	0.20	-6.15	-10.61	-10.57
	502	1.90e-002	-0.48	0.16	-8.96	2.61	-5.90
	503	1.30e-002	-0.48	0.14	-4.58	-19.45	-3.80
	489	1.30e-002	0.17	0.19	-1.27	-10.47	-8.47
518	485	2.29e-002	0.28	0.25	-9.44	-8.39	-14.33
	501	2.29e-002	-0.46	0.17	-12.90	7.11	-11.17
	502	1.90e-002	-0.46	0.16	-11.26	-16.03	-7.50
	487	1.90e-002	0.28	0.23	-4.81	-7.93	-10.67
519	483	2.03e-002	0.39	0.28	-11.19	-7.34	-18.95
	500	2.03e-002	-0.49	0.18	-15.11	9.93	-16.84
	501	2.29e-002	-0.49	0.17	-15.14	-15.23	-12.67
	485	2.29e-002	0.39	0.27	-6.98	-6.38	-14.78
520	481	2.03e-002	0.51	0.32	-11.66	-6.90	-23.71
	499	2.03e-002	-0.56	0.20	-15.79	11.57	-22.53
	500	2.03e-002	-0.56	0.18	-17.23	-15.74	-18.31
	483	2.03e-002	0.51	0.31	-7.86	-5.80	-19.49
521	479	1.24e-002	0.63	0.35	-11.36	-6.30	-28.18
	498	1.24e-002	-0.65	0.21	-14.35	13.10	-27.93
	499	2.03e-002	-0.65	0.20	-17.66	-16.96	-23.97
	481	2.03e-002	0.63	0.34	-7.55	-5.54	-24.22
522	477	7.57e-003	0.77	0.38	-10.38	-5.50	-31.99
	497	7.57e-003	-0.76	0.22	-11.54	14.29	-32.31
	498	1.24e-002	-0.76	0.21	-16.05	-18.20	-29.05
	479	1.24e-002	0.77	0.37	-6.51	-5.01	-28.72
523	475	-6.01e-005	0.91	0.39	-8.94	-4.82	-35.20
	496	-6.01e-005	-0.87	0.23	-8.84	15.22	-35.48
	497	7.57e-003	-0.87	0.23	-13.21	-19.01	-32.90
	477	7.57e-003	0.91	0.39	-5.13	-4.19	-32.61
524	473	7.74e-004	1.06	0.42	-7.34	-4.37	-37.76
	495	7.74e-004	-9.99e-001	0.24	-6.46	16.02	-37.92
	496	-6.01e-005	-9.99e-001	0.23	-10.65	-19.79	-35.89
	475	-6.01e-005	1.06	0.41	-3.46	-3.51	-35.73
525	471	-7.39e-003	1.22	0.43	-5.67	-3.89	-39.65
	494	-7.39e-003	-1.13	0.26	-3.94	16.97	-39.85

	495	7.74e-004	-1.13	0.25	-8.38	-20.72	-38.30
	473	7.74e-004	1.22	0.43	-1.64	-2.99	-38.10
526	469	-5.68e-003	1.39	0.46	-3.89	-3.17	-40.69
	493	-5.68e-003	-1.27	0.27	-0.66	18.08	-41.16
	494	-7.39e-003	-1.27	0.26	-5.91	-21.83	-40.24
	471	-7.39e-003	1.39	0.45	0.43	-2.45	-39.77
527	467	-1.42e-002	1.56	0.48	-1.83	-2.28	-40.82
	492	-1.42e-002	-1.42	0.28	3.06	19.21	-41.45
	493	-5.68e-003	-1.42	0.28	-2.64	-22.82	-41.29
	469	-5.68e-003	1.56	0.47	2.64	-1.65	-40.66
528	325	-1.07e-002	1.74	0.51	0.49	-1.13	-39.66
	287	-1.07e-002	-1.57	0.30	7.12	19.85	-40.43
	492	-1.42e-002	-1.57	0.29	0.96	-23.68	-41.37
	467	-1.42e-002	1.74	0.50	5.14	-0.79	-40.61
529	490	-2.07e-002	0.65	-1.00e-002	5.49e-002	-12.02	-9.48
	489	-2.07e-002	9.33e-002	0.14	-1.18	-12.52	-9.08
	491	-9.07e-003	9.33e-002	0.13	-2.93e-002	-11.25	-9.53
	360	-9.07e-003	0.65	-2.39e-002	-0.32	-10.85	-9.92
530	488	1.24e-002	0.81	1.27e-002	-0.34	-11.86	-10.78
	487	1.24e-002	0.17	0.15	-4.00	-10.82	-9.55
	489	-2.07e-002	0.17	0.15	-1.14	-11.03	-8.54
	490	-2.07e-002	0.81	8.67e-003	-0.76	-12.03	-9.77
531	486	5.43e-004	1.01	-1.44e-003	-0.85	-11.13	-13.58
	485	5.43e-004	0.28	0.19	-5.93	-9.36	-12.76
	487	1.24e-002	0.28	0.18	-3.97	-8.59	-10.31
	488	1.24e-002	1.01	-1.22e-002	-1.19	-11.75	-11.13
532	484	1.13e-002	1.26	9.60e-003	-1.14	-10.67	-17.28
	483	1.13e-002	0.39	0.22	-6.88	-8.70	-16.93
	485	5.43e-004	0.39	0.21	-5.86	-6.92	-13.81
	486	5.43e-004	1.26	7.18e-004	-1.47	-11.26	-14.15
533	482	7.29e-004	1.56	1.07e-003	-1.21	-10.23	-21.25
	481	7.29e-004	0.51	0.25	-7.04	-8.51	-21.27
	483	1.13e-002	0.51	0.25	-6.73	-6.06	-17.99
	484	1.13e-002	1.56	-7.41e-003	-1.57	-10.96	-17.97
534	480	7.84e-003	1.90	8.30e-003	-1.15	-9.40	-25.10
	479	7.84e-003	0.63	0.28	-6.61	-8.15	-25.37
	481	7.29e-004	0.63	0.27	-6.76	-5.43	-22.24
	482	7.29e-004	1.90	2.65e-003	-1.54	-10.51	-21.97
535	478	-1.22e-002	2.28	-2.53e-003	-1.02	-8.16	-28.63
	477	-1.22e-002	0.77	0.31	-5.76	-7.46	-29.06
	479	7.84e-003	0.77	0.30	-6.20	-4.57	-26.22
	480	7.84e-003	2.28	-9.67e-003	-1.43	-9.59	-25.79
536	476	5.14e-003	2.68	1.05e-002	-0.83	-6.81	-31.66
	475	5.14e-003	0.91	0.32	-4.68	-6.70	-32.18
	477	-1.22e-002	0.91	0.32	-5.29	-3.58	-29.77
	478	-1.22e-002	2.68	9.07e-003	-1.25	-8.33	-29.25
537	474	-2.83e-002	3.10	-9.50e-003	-0.58	-5.54	-34.02
	473	-2.83e-002	1.06	0.34	-3.50	-6.10	-34.59
	475	5.14e-003	1.06	0.33	-4.21	-2.75	-32.75
	476	5.14e-003	3.10	-1.69e-002	-1.03	-7.05	-32.17
538	472	5.65e-003	3.55	1.79e-002	-0.30	-4.20	-35.60
	471	5.65e-003	1.22	0.35	-2.23	-5.54	-36.23
	473	-2.83e-002	1.22	0.35	-3.01	-2.02	-35.01
	474	-2.83e-002	3.55	1.60e-002	-0.77	-5.82	-34.38
539	470	-4.54e-002	4.02	-1.74e-002	-1.18e-003	-2.62	-36.35
	469	-4.54e-002	1.39	0.38	-0.82	-4.80	-37.03
	471	5.65e-003	1.39	0.37	-1.69	-1.17	-36.49
	472	5.65e-003	4.02	-2.48e-002	-0.49	-4.46	-35.80
540	468	4.78e-003	4.52	2.72e-002	0.31	-0.74	-36.19
	467	4.78e-003	1.56	0.39	0.78	-3.84	-36.95

	469	-4.54e-002	1.56	0.39	-0.23	-8.58e-002	-37.13
	470	-4.54e-002	4.52	2.24e-002	-0.18	-2.82	-36.38
541	286	-5.01e-002	5.04	-1.96e-002	0.79	1.29	-35.16
	325	-5.01e-002	1.74	0.41	2.23	-2.56	-35.90
	467	4.78e-003	1.74	0.41	1.42	1.14	-36.79
	468	4.78e-003	5.04	-2.16e-002	0.13	-0.93	-36.04
542	453	-3.06e-002	-0.11	0.14	5.72	11.67	-10.42
	466	-3.06e-002	-0.62	1.70e-002	0.80	13.74	-10.97
	359	-2.59e-003	-0.62	-3.92e-003	1.25	10.50	-9.13
	454	-2.59e-003	-0.11	0.12	4.18	8.86	-8.58
543	452	-7.52e-003	-0.17	0.15	8.36	13.04	-13.60
	465	-7.52e-003	-0.80	-1.12e-002	1.12	15.97	-14.56
	466	-3.06e-002	-0.80	-7.72e-003	1.54	14.71	-11.64
	453	-3.06e-002	-0.17	0.15	6.04	11.73	-10.68
544	451	-2.06e-002	-0.24	0.17	10.25	11.73	-18.98
	464	-2.06e-002	-1.00	1.08e-002	1.72	15.83	-19.80
	465	-7.52e-003	-1.00	5.24e-004	2.02	16.03	-15.40
	452	-7.52e-003	-0.24	0.16	8.33	11.24	-14.59
545	450	-9.35e-003	-0.32	0.20	11.10	10.94	-25.74
	463	-9.35e-003	-1.24	-1.43e-003	2.10	15.46	-26.09
	464	-2.06e-002	-1.24	-6.42e-003	2.32	15.83	-20.87
	451	-2.06e-002	-0.32	0.19	10.18	9.79	-20.52
546	449	-1.78e-002	-0.41	0.22	11.28	11.07	-32.57
	462	-1.78e-002	-1.51	8.64e-003	2.16	15.22	-32.57
	463	-9.35e-003	-1.51	1.46e-003	2.39	15.75	-27.30
	450	-9.35e-003	-0.41	0.21	11.06	9.25	-27.30
547	448	-7.97e-003	-0.51	0.25	11.39	10.24	-39.00
	461	-7.97e-003	-1.81	9.34e-004	2.10	14.14	-38.99
	462	-1.78e-002	-1.81	-6.16e-003	2.39	15.40	-33.82
	449	-1.78e-002	-0.51	0.24	11.12	8.85	-33.83
548	447	-2.59e-002	-0.61	0.27	11.18	8.06	-45.69
	460	-2.59e-002	-2.15	1.14e-002	2.15	12.12	-45.64
	461	-7.97e-003	-2.15	7.44e-003	2.44	13.86	-40.26
	448	-7.97e-003	-0.61	0.26	10.99	7.05	-40.31
549	446	-5.93e-003	-0.73	0.29	10.09	6.77	-52.37
	459	-5.93e-003	-2.52	-2.72e-003	2.05	10.19	-51.90
	460	-2.59e-002	-2.52	-1.05e-002	2.26	11.96	-46.82
	447	-2.59e-002	-0.73	0.28	10.82	5.11	-47.29
550	445	-3.72e-002	-0.85	0.30	8.33	5.58	-57.62
	458	-3.72e-002	-2.91	1.63e-002	1.65	7.40	-56.83
	459	-5.93e-003	-2.91	1.62e-002	1.77	10.23	-52.91
	446	-5.93e-003	-0.85	0.30	9.79	4.13	-53.70
551	444	-2.48e-003	-0.99	0.31	6.48	0.95	-60.97
	457	-2.48e-003	-3.31	-1.20e-002	1.23	1.34	-60.31
	458	-3.72e-002	-3.31	-1.65e-002	1.27	6.70	-57.61
	445	-3.72e-002	-0.99	0.31	7.74	1.63	-58.27
552	443	-5.55e-002	-1.14	0.31	5.06	-7.65	-63.59
	456	-5.55e-002	-3.72	2.32e-002	0.97	-7.67	-63.33
	457	-2.48e-003	-3.72	2.41e-002	1.15	-0.64	-60.98
	444	-2.48e-003	-1.14	0.31	5.41	-5.40	-61.25
553	442	-1.17e-002	-1.29	0.33	3.80	-15.12	-67.63
	455	-1.17e-002	-4.14	-2.06e-002	1.01	-13.83	-67.44
	456	-5.55e-002	-4.14	-2.39e-002	1.56	-10.04	-64.10
	443	-5.55e-002	-1.29	0.33	3.64	-15.48	-64.30
554	318	-6.72e-002	-1.41	0.36	-0.32	-8.83	-73.17
	285	-6.72e-002	-4.59	3.03e-002	0.43	-9.12	-70.99
	455	-1.17e-002	-4.59	1.86e-002	1.44	-13.26	-67.96
	442	-1.17e-002	-1.41	0.34	2.99	-19.68	-70.13
555	441	-2.89e-002	0.42	0.10	16.13	2.33	-5.12
	453	-2.89e-002	-0.11	0.17	7.89	12.46	-10.52

	454	-2.03e-002	-0.11	0.14	3.99	7.28	-7.82
	358	-2.03e-002	0.42	7.16e-002	9.32	11.94	-2.42
556	440	-2.94e-002	0.48	0.11	20.83	-0.10	-10.99
	452	-2.94e-002	-0.17	0.19	12.40	12.49	-14.31
	453	-2.89e-002	-0.17	0.18	7.90	10.95	-10.25
	441	-2.89e-002	0.48	0.10	18.76	15.35	-6.93
557	439	-2.51e-002	0.54	0.13	22.37	-3.44	-17.95
	451	-2.51e-002	-0.24	0.21	15.45	10.25	-19.95
	452	-2.94e-002	-0.24	0.20	11.60	10.38	-14.73
	440	-2.94e-002	0.54	0.11	22.24	13.51	-12.72
558	438	-2.81e-002	0.61	0.13	24.30	-5.26	-25.38
	450	-2.81e-002	-0.32	0.24	16.60	9.23	-27.02
	451	-2.51e-002	-0.32	0.23	14.01	8.60	-21.07
	439	-2.51e-002	0.61	0.13	23.64	11.06	-19.43
559	437	-2.69e-002	0.71	0.15	25.69	-7.28	-33.13
	449	-2.69e-002	-0.41	0.27	17.19	9.31	-34.41
	450	-2.81e-002	-0.41	0.26	14.44	8.18	-28.23
	438	-2.81e-002	0.71	0.14	25.92	12.28	-26.96
560	436	-2.87e-002	0.83	0.17	25.32	-9.49	-40.27
	448	-2.87e-002	-0.51	0.30	17.53	8.33	-40.95
	449	-2.69e-002	-0.51	0.29	13.96	8.32	-35.42
	437	-2.69e-002	0.83	0.16	27.55	14.98	-34.74
561	435	-2.58e-002	0.94	0.18	23.61	-12.42	-47.47
	447	-2.58e-002	-0.61	0.32	17.68	5.83	-47.78
	448	-2.87e-002	-0.61	0.32	14.25	6.49	-42.08
	436	-2.87e-002	0.94	0.18	26.42	13.22	-41.76
562	434	-3.09e-002	1.08	0.19	23.11	-13.06	-54.66
	446	-3.09e-002	-0.73	0.35	16.26	4.71	-54.86
	447	-2.58e-002	-0.73	0.34	14.19	4.40	-49.09
	435	-2.58e-002	1.08	0.18	24.79	10.53	-48.90
563	433	-2.89e-002	1.24	0.21	22.20	-14.65	-61.22
	445	-2.89e-002	-0.85	0.37	13.95	3.82	-60.90
	446	-3.09e-002	-0.85	0.36	12.08	3.94	-55.75
	434	-3.09e-002	1.24	0.20	24.70	12.00	-56.07
564	432	-3.45e-002	1.37	0.23	17.34	-20.01	-66.47
	444	-3.45e-002	-0.99	0.39	11.35	-1.03	-64.78
	445	-2.89e-002	-0.99	0.38	8.54	2.60	-61.04
	433	-2.89e-002	1.37	0.22	23.51	14.03	-62.74
565	431	-2.64e-002	1.46	0.24	7.14	-27.43	-71.02
	443	-2.64e-002	-1.14	0.39	7.66	-10.67	-67.20
	444	-3.45e-002	-1.14	0.39	5.37	-3.47	-64.56
	432	-3.45e-002	1.46	0.24	16.98	7.95	-68.38
566	430	-2.73e-002	1.53	0.23	-7.86	-39.16	-74.50
	442	-2.73e-002	-1.29	0.40	7.03	-19.18	-70.49
	443	-2.64e-002	-1.29	0.41	1.72	-14.10	-68.12
	431	-2.64e-002	1.53	0.23	5.39	1.08	-72.13
567	284	-5.29e-002	1.69	0.17	-9.91	-36.61	-76.93
	318	-5.29e-002	-1.41	0.39	4.29	-11.46	-77.08
	442	-2.73e-002	-1.41	0.42	1.83	-21.02	-73.35
	430	-2.73e-002	1.69	0.19	-7.74	-3.40	-73.20
568	427	-1.77e-002	0.26	0.10	4.53	10.25	0.54
	441	-1.77e-002	0.42	7.41e-002	17.64	21.60	-4.13
	358	-2.13e-004	0.42	6.90e-002	6.04	1.49	0.17
	429	-2.13e-004	0.26	9.25e-002	1.63	7.30	4.84
569	425	-1.87e-002	0.35	0.14	7.21	14.65	-9.87
	440	-1.87e-002	0.48	0.11	23.43	26.54	-11.40
	441	-1.77e-002	0.48	7.90e-002	16.21	5.80	-6.18
	427	-1.77e-002	0.35	0.11	9.69	10.97	-4.65
570	423	1.01e-003	0.44	0.16	8.78	18.61	-17.33
	439	1.01e-003	0.54	0.10	24.64	31.33	-18.03

	440	-1.87e-002	0.54	0.11	18.25	7.88	-14.23
	425	-1.87e-002	0.44	0.16	12.98	15.70	-13.52
571	421	4.24e-003	0.56	0.16	10.83	23.00	-23.87
	438	4.24e-003	0.61	0.10	26.36	36.10	-25.01
	439	1.01e-003	0.61	0.10	19.68	11.45	-21.26
	423	1.01e-003	0.56	0.16	13.95	19.71	-20.11
572	419	-1.37e-002	0.68	0.16	12.33	27.54	-32.23
	437	-1.37e-002	0.71	0.11	28.86	41.99	-33.37
	438	4.24e-003	0.71	0.11	22.16	15.38	-28.39
	421	4.24e-003	0.68	0.15	15.47	23.41	-27.25
573	417	-1.80e-002	0.82	0.20	10.54	33.60	-41.77
	436	-1.80e-002	0.83	0.14	29.16	49.25	-41.53
	437	-1.37e-002	0.83	0.12	22.87	20.24	-36.49
	419	-1.37e-002	0.82	0.17	17.57	29.39	-36.73
574	415	1.93e-003	0.96	0.22	9.26	41.23	-48.82
	435	1.93e-003	0.94	0.14	27.16	57.47	-48.43
	436	-1.80e-002	0.94	0.14	20.89	25.14	-44.72
	417	-1.80e-002	0.96	0.23	16.74	36.60	-45.11
575	413	-5.65e-003	1.13	0.22	9.06	48.40	-55.04
	434	-5.65e-003	1.08	0.13	26.71	65.34	-55.39
	435	1.93e-003	1.08	0.14	19.39	31.21	-51.75
	415	1.93e-003	1.13	0.23	15.28	43.46	-51.40
576	411	-2.76e-002	1.31	0.25	7.90	55.42	-63.07
	433	-2.76e-002	1.24	0.16	27.21	75.04	-63.30
	434	-5.65e-003	1.24	0.14	19.37	37.06	-58.46
	413	-5.65e-003	1.31	0.23	15.00	50.44	-58.23
577	409	-2.54e-002	1.50	0.31	3.01	62.34	-72.81
	432	-2.54e-002	1.37	0.21	23.39	85.01	-71.04
	433	-2.76e-002	1.37	0.17	17.22	42.22	-65.78
	411	-2.76e-002	1.50	0.27	14.67	58.10	-67.55
578	407	-9.23e-003	1.70	0.33	-6.61	70.00	-81.74
	431	-9.23e-003	1.46	0.18	12.93	93.93	-77.48
	432	-2.54e-002	1.46	0.20	9.43	47.29	-73.17
	409	-2.54e-002	1.70	0.35	10.09	65.65	-77.42
579	405	0.14	1.94	0.37	-27.52	81.76	-87.08
	430	0.14	1.53	0.23	-5.18	96.27	-78.43
	431	-9.23e-003	1.53	0.18	-4.73	57.72	-78.81
	407	-9.23e-003	1.94	0.32	-1.16	72.70	-87.45
580	305	5.98e-002	1.95	3.63e-002	-46.88	88.44	-76.59
	284	5.98e-002	1.69	8.23e-002	-12.61	96.86	-71.75
	430	0.14	1.69	0.23	-22.02	77.27	-80.01
	405	0.14	1.95	0.18	-22.45	96.34	-84.86
581	428	-5.50e-002	0.10	-1.59e-002	0.10	-0.34	3.93
	427	-5.50e-002	0.26	5.64e-002	3.64	6.24	1.77
	429	1.16e-003	0.26	7.20e-002	-0.88	6.42	9.05
	367	1.16e-003	0.10	-2.83e-004	-1.13	2.04	11.21
582	426	1.44e-002	0.14	5.84e-002	0.37	10.12	-8.06
	425	1.44e-002	0.35	0.10	5.44	11.25	-8.27
	427	-5.50e-002	0.35	6.98e-002	4.76	9.02	-1.71
	428	-5.50e-002	0.14	2.82e-002	0.47	0.27	-1.49
583	424	1.11e-004	0.34	-2.16e-002	0.64	14.33	-15.25
	423	1.11e-004	0.44	0.11	6.65	15.73	-15.56
	425	1.44e-002	0.44	0.13	5.65	14.51	-11.24
	426	1.44e-002	0.34	-6.74e-003	0.81	9.42	-10.93
584	422	-1.10e-004	0.50	-1.33e-002	1.52	18.27	-21.41
	421	-1.10e-004	0.56	0.13	7.47	19.87	-21.83
	423	1.11e-004	0.56	0.12	7.30	18.92	-18.06
	424	1.11e-004	0.50	-2.34e-002	0.60	14.85	-17.64
585	420	-4.82e-002	0.66	-1.92e-002	5.50	16.43	-28.84
	419	-4.82e-002	0.68	0.10	10.79	23.78	-31.03

	421	-1.10e-004	0.68	0.12	9.12	21.93	-25.06
	422	-1.10e-004	0.66	-2.14e-003	1.36	20.30	-22.87
586	418	1.42e-002	0.74	5.07e-002	1.76	31.15	-42.21
	417	1.42e-002	0.82	0.14	8.84	29.76	-39.99
	419	-4.82e-002	0.82	0.11	11.42	27.96	-34.07
	420	-4.82e-002	0.74	1.98e-002	5.10	17.67	-36.30
587	416	4.34e-004	0.98	-2.84e-002	1.04	37.36	-47.12
	415	4.34e-004	0.96	0.16	7.42	38.09	-46.70
	417	1.42e-002	0.96	0.17	8.42	35.86	-43.21
	418	1.42e-002	0.98	-1.52e-002	1.17	31.36	-43.64
588	414	9.86e-003	1.19	-2.43e-002	1.39	43.64	-52.98
	413	9.86e-003	1.13	0.17	6.59	44.91	-52.81
	415	4.34e-004	1.13	0.16	8.04	43.07	-49.17
	416	4.34e-004	1.19	-3.02e-002	0.39	38.87	-49.33
589	412	-9.49e-002	1.39	-5.36e-002	2.63	46.18	-60.84
	411	-9.49e-002	1.31	0.17	6.83	51.12	-61.28
	413	9.86e-003	1.31	0.17	7.87	49.72	-55.66
	414	9.86e-003	1.39	-4.85e-002	0.42	46.22	-55.23
590	410	2.22e-002	1.59	6.36e-002	1.28	56.49	-73.23
	409	2.22e-002	1.50	0.23	2.53	57.83	-71.34
	411	-9.49e-002	1.50	0.19	7.58	57.16	-64.40
	412	-9.49e-002	1.59	2.37e-002	1.27	48.07	-66.29
591	408	2.60e-003	1.98	-5.33e-002	0.11	60.27	-84.79
	407	2.60e-003	1.70	0.24	-4.45	65.68	-82.51
	409	2.22e-002	1.70	0.27	2.51	64.92	-74.35
	410	2.22e-002	1.98	-2.28e-002	-0.79	58.05	-76.63
592	406	-6.26e-002	2.33	-1.85e-002	-9.17	70.34	-101.54
	405	-6.26e-002	1.94	0.28	-17.74	78.67	-94.82
	407	2.60e-003	1.94	0.24	-6.06	71.94	-84.37
	408	2.60e-003	2.33	-5.90e-002	-2.98	64.57	-91.10
593	293	0.10	3.13	0.38	-104.87	139.86	-116.16
	305	0.10	1.95	8.49e-002	-65.54	83.21	-72.32
	405	-6.26e-002	1.95	9.46e-002	-34.31	107.26	-86.31
	406	-6.26e-002	3.13	0.39	-19.52	71.65	-130.14
594	390	-5.34e-002	2.13e-002	-7.89e-002	-1.99	-36.86	-10.23
	404	-5.34e-002	0.17	3.47e-002	-18.43	-29.40	-3.82
	366	2.60e-002	0.17	8.64e-002	-4.74	-33.26	-7.10
	392	2.60e-002	2.13e-002	-2.72e-002	1.37	-20.86	-13.51
595	388	-8.93e-003	7.43e-002	-6.57e-002	0.31	-56.39	-8.37
	403	-8.93e-003	0.34	1.88e-002	-0.70	-55.65	-15.91
	404	-5.34e-002	0.34	-9.22e-003	-15.95	-42.94	-12.69
	390	-5.34e-002	7.43e-002	-9.37e-002	-4.51	-47.04	-5.15
596	386	-1.07e-003	0.17	-4.61e-002	0.71	-37.39	-8.08
	402	-1.07e-003	0.38	1.56e-002	1.45	-38.05	-7.56
	403	-8.93e-003	0.38	1.67e-002	-1.81	-51.96	-10.69
	388	-8.93e-003	0.17	-4.49e-002	5.35	-47.91	-11.21
597	384	2.58e-002	0.32	-4.03e-002	-2.95	-4.41	2.19
	401	2.58e-002	0.35	2.61e-002	-1.23	-9.66	4.42
	402	-1.07e-003	0.35	1.73e-002	-1.75	-26.84	-3.76
	386	-1.07e-003	0.32	-4.91e-002	3.50	-19.80	-5.99
598	382	-4.64e-002	0.45	-0.13	-4.18	-0.77	11.74
	400	-4.64e-002	0.34	4.14e-002	-22.39	10.42	18.51
	401	2.58e-002	0.34	8.92e-002	-5.10	-4.18	13.88
	384	2.58e-002	0.45	-8.34e-002	-3.44	13.99	7.10
599	380	-1.11e-002	0.53	-0.12	-0.82	-18.32	12.16
	399	-1.11e-002	0.59	3.10e-002	-1.32	-18.52	3.25
	400	-4.64e-002	0.59	1.77e-003	-18.99	-4.24	7.40
	382	-4.64e-002	0.53	-0.15	-6.82	-10.66	16.30
600	378	-8.88e-004	0.66	-9.36e-002	0.36	1.56	11.95
	398	-8.88e-004	0.70	1.99e-002	1.46	1.14	12.28

	399	-1.11e-002	0.70	2.16e-002	-2.16	-14.19	9.18
	380	-1.11e-002	0.66	-9.19e-002	4.88	-9.94	8.85
601	376	3.16e-002	0.85	-8.88e-002	-2.85	36.93	22.48
	397	3.16e-002	0.74	3.18e-002	-0.64	31.73	24.45
	398	-8.88e-004	0.74	2.28e-002	-1.78	12.99	16.06
	378	-8.88e-004	0.85	-0.10	3.53	20.41	14.08
602	374	-9.30e-002	1.02	-0.18	-3.24	43.57	35.00
	396	-9.30e-002	0.79	6.32e-002	-16.02	49.61	39.78
	397	3.16e-002	0.79	0.11	-4.26	38.22	32.70
	376	3.16e-002	1.02	-0.14	-2.30	54.91	27.92
603	372	3.34e-004	1.16	-0.20	-3.68	27.50	39.00
	395	3.34e-004	1.12	-5.76e-003	-0.53	26.83	33.39
	396	-9.30e-002	1.12	-1.40e-002	-13.35	36.57	33.72
	374	-9.30e-002	1.16	-0.21	-5.79	35.40	39.33
604	370	8.25e-005	1.34	-0.18	-8.86	51.23	43.30
	394	8.25e-005	1.40	4.45e-002	-0.38	46.95	45.89
	395	3.34e-004	1.40	2.39e-002	-2.80	32.35	39.24
	372	3.34e-004	1.34	-0.20	0.46	38.08	36.64
605	368	-2.43e-002	1.59	-0.20	-19.80	96.49	54.08
	393	-2.43e-002	1.59	2.32e-002	-14.81	94.15	62.05
	394	8.25e-005	1.59	5.31e-002	-4.36	59.96	53.11
	370	8.25e-005	1.59	-0.18	-9.05	71.07	45.14
606	298	-5.89e-003	1.67	-0.10	-84.95	124.67	14.62
	292	-5.89e-003	2.13	-0.24	-93.63	232.20	59.17
	393	-2.43e-002	2.13	-0.23	-22.78	83.37	89.24
	368	-2.43e-002	1.67	-0.10	-37.31	145.68	44.68
607	391	-1.60e-002	-5.13e-002	-2.23e-002	31.79	21.56	0.59
	390	-1.60e-002	2.13e-002	-5.32e-002	-15.99	-28.02	0.65
	392	-2.14e-002	2.13e-002	-7.22e-002	6.60	-21.70	-11.45
	363	-2.14e-002	-5.13e-002	-4.13e-002	9.38	-55.68	-11.51
608	389	5.59e-003	-0.23	-7.24e-002	13.63	-25.97	-5.24
	388	5.59e-003	7.43e-002	-0.11	-0.90	-56.92	-5.22
	390	-1.60e-002	7.43e-002	-6.80e-002	17.06	-50.30	3.38
	391	-1.60e-002	-0.23	-2.65e-002	-4.27	-92.34	3.36
609	387	4.61e-004	-6.22e-002	-0.12	13.10	-18.57	-5.41
	386	4.61e-004	0.17	-0.11	4.92	-34.03	-7.50
	388	5.59e-003	0.17	-9.31e-002	6.04	-50.07	-6.08
	389	5.59e-003	-6.22e-002	-0.10	5.48	-67.36	-3.99
610	385	-2.17e-002	0.33	-0.10	21.38	24.51	5.50
	384	-2.17e-002	0.32	-0.10	-0.30	2.16	4.30
	386	4.61e-004	0.32	-0.12	5.49	-19.39	-4.11
	387	4.61e-004	0.33	-0.12	11.88	-30.90	-2.91
611	383	-1.21e-002	0.59	-5.39e-002	32.05	57.39	22.19
	382	-1.21e-002	0.45	-0.12	-17.50	7.39	23.27
	384	-2.17e-002	0.45	-0.14	7.85	14.70	9.86
	385	-2.17e-002	0.59	-7.51e-002	10.05	-18.01	8.78
612	381	8.62e-003	0.41	-0.10	13.52	15.38	16.06
	380	8.62e-003	0.53	-0.18	-2.79	-18.98	16.02
	382	-1.21e-002	0.53	-0.13	16.97	-14.27	25.00
	383	-1.21e-002	0.41	-5.92e-002	-6.36	-60.20	25.04
613	379	6.64e-004	0.58	-0.16	12.95	22.73	15.29
	378	6.64e-004	0.66	-0.17	4.31	5.09	12.77
	380	8.62e-003	0.66	-0.15	5.82	-12.55	14.82
	381	8.62e-003	0.58	-0.14	3.64	-32.83	17.33
614	377	-2.58e-002	0.99	-0.13	21.60	66.86	26.54
	376	-2.58e-002	0.85	-0.16	0.42	43.68	24.91
	378	6.64e-004	0.85	-0.18	5.29	20.75	16.28
	379	6.64e-004	0.99	-0.16	11.70	8.70	17.90
615	375	-2.59e-002	1.27	-0.10	31.70	102.60	44.15
	374	-2.59e-002	1.02	-0.19	-16.47	52.05	45.32

	376	-2.58e-002	1.02	-0.20	8.41	56.21	31.06
	377	-2.58e-002	1.27	-0.11	10.46	24.05	29.89
616	373	-4.36e-003	1.10	-0.17	10.05	64.86	39.44
	372	-4.36e-003	1.16	-0.28	-6.53	28.08	41.36
	374	-2.59e-002	1.16	-0.22	16.72	32.22	48.49
	375	-2.59e-002	1.10	-0.11	-7.24	-13.75	46.56
617	371	-1.00e-002	1.24	-0.20	-0.67	74.19	38.37
	370	-1.00e-002	1.34	-0.28	-9.63	54.88	40.67
	372	-4.36e-003	1.34	-0.28	0.93	36.27	42.20
	373	-4.36e-003	1.24	-0.20	-4.10	14.99	39.90
618	369	8.57e-002	1.59	-0.22	-11.29	111.57	40.11
	368	8.57e-002	1.59	-0.29	-36.70	99.16	48.49
	370	-1.00e-002	1.59	-0.28	-10.98	72.73	46.75
	371	-1.00e-002	1.59	-0.20	-11.03	62.56	38.38
619	289	2.63e-002	1.87	-7.37e-002	-16.32	151.69	26.98
	298	2.63e-002	1.67	-5.91e-002	-66.46	123.90	33.54
	368	8.57e-002	1.67	-0.19	-26.07	133.02	43.96
	369	8.57e-002	1.87	-0.20	-36.33	91.80	37.39
620	353	0.30	7.89e-002	-1.31e-002	0.45	11.22	17.69
	297	0.30	1.87	-0.33	-20.14	-7.23	15.12
	289	-2.42e-002	1.87	-0.10	-13.40	28.64	20.42
	355	-2.42e-002	7.89e-002	0.21	-16.25	4.71	22.99
621	351	-7.27e-002	0.11	-0.54	11.97	20.07	12.69
	295	-7.27e-002	2.13	-0.25	2.43	-2.53	8.05
	297	0.30	2.13	-0.30	4.39	44.40	11.24
	353	0.30	0.11	-0.58	-8.00	18.50	15.89
622	281	-0.26	-2.09e-002	-0.79	4.14	-6.27	10.89
	201	-0.26	2.43	-0.38	10.45	-16.87	13.98
	295	-7.27e-002	2.43	-0.25	24.22	38.16	12.92
	351	-7.27e-002	-2.09e-002	-0.66	6.59	28.38	9.83
623	354	-0.15	-1.63	-1.10	-1.08	8.68	15.14
	353	-0.15	7.89e-002	-0.11	-3.98	11.84	15.94
	355	-2.39e-002	7.89e-002	0.55	-7.28	1.78	20.79
	288	-2.39e-002	-1.63	-0.43	4.06	-3.47	19.99
624	352	-5.97e-002	-3.12	0.17	-9.97e-001	20.50	13.51
	351	-5.97e-002	0.11	-0.37	1.94	21.80	11.77
	353	-0.15	0.11	-0.68	-3.46	15.05	13.74
	354	-0.15	-3.12	-0.13	0.39	12.93	15.48
625	200	-6.90e-002	-4.20	-0.14	2.29	4.85	12.47
	281	-6.90e-002	-2.09e-002	-0.84	6.91	-3.20	10.96
	351	-5.97e-002	-2.09e-002	-0.50	4.88	25.08	10.34
	352	-5.97e-002	-4.20	0.20	-0.36	17.84	11.84
626	347	0.14	0.55	-0.24	-1.65	6.95	-36.86
	350	0.14	2.21	-1.16	-0.42	3.60	-36.50
	283	-0.10	2.21	-0.49	-0.21	4.14	-37.69
	348	-0.10	0.55	0.43	-1.04	2.84	-38.05
627	346	1.96e-002	0.59	-0.46	-4.31	4.59	-33.46
	349	1.96e-002	3.93	0.18	-0.75	-2.03	-32.47
	350	0.14	3.93	-0.14	-0.76	4.63	-35.71
	347	0.14	0.59	-0.79	-2.01	3.62	-36.70
628	271	4.30e-002	0.74	-0.80	-9.47	5.12	-30.08
	195	4.30e-002	5.07	-0.10	-4.11	-5.43	-28.12
	349	1.96e-002	5.07	0.18	0.28	-1.02	-31.66
	346	1.96e-002	0.74	-0.52	-7.75	-7.03	-33.62
629	345	-0.36	-1.23	-0.43	13.13	32.17	-31.08
	347	-0.36	0.55	-0.18	-8.39	10.57	-33.68
	348	-2.12e-002	0.55	3.97e-002	5.09	0.24	-35.42
	282	-2.12e-002	-1.23	-0.21	-10.43	-19.58	-32.82
630	344	2.48e-002	-1.43	-0.30	8.90	39.57	-32.94
	346	2.48e-002	0.59	-0.63	-18.51	9.10	-31.92

	347	-0.36	0.59	-0.73	5.98	0.62	-32.78
	345	-0.36	-1.43	-0.39	-11.66	-28.96	-33.79
631	194	0.23	-1.78	-0.30	-12.85	28.84	-27.64
	271	0.23	0.74	-0.73	-9.47	9.58	-28.54
	346	2.48e-002	0.74	-0.69	-4.51	-10.36	-31.63
	344	2.48e-002	-1.78	-0.26	-22.51	-27.26	-30.73
632	342	1.20e-002	-1.42	-0.35	1.33	-92.72	-35.42
	345	1.20e-002	-1.23	-0.25	-5.92	-128.63	-35.57
	282	8.83e-003	-1.23	-0.20	15.11	-43.30	-25.72
	343	8.83e-003	-1.42	-0.31	-20.10	-93.04	-25.58
633	341	4.82e-003	-1.57	-0.38	-6.14	-124.73	-44.12
	344	4.82e-003	-1.43	-0.30	-8.43	-142.39	-41.36
	345	1.20e-002	-1.43	-0.28	2.28	-78.03	-36.32
	342	1.20e-002	-1.57	-0.36	-9.00	-102.78	-39.08
634	264	3.86e-003	-1.80	-0.37	-13.95	-162.71	-37.67
	194	3.86e-003	-1.78	-0.30	-19.40	-168.47	-33.36
	344	4.82e-003	-1.78	-0.31	-11.61	-134.86	-38.13
	341	4.82e-003	-1.80	-0.39	-5.16	-135.66	-42.44
635	340	3.05e-002	-1.50	-0.17	-7.73	-102.52	-42.57
	342	3.05e-002	-1.42	-0.28	-4.74	-93.55	-40.13
	343	1.56e-002	-1.42	-0.28	-0.94	-98.64	-35.70
	290	1.56e-002	-1.50	-0.17	-4.60	-95.90	-38.14
636	339	6.44e-003	-1.65	-0.16	-9.11	-123.62	-45.20
	341	6.44e-003	-1.57	-0.29	-3.61	-122.44	-45.60
	342	3.05e-002	-1.57	-0.28	-8.89	-107.64	-44.56
	340	3.05e-002	-1.65	-0.16	-4.97	-107.92	-44.16
637	202	-2.14e-002	-1.84	-0.15	-6.30	-157.00	-39.42
	264	-2.14e-002	-1.80	-0.29	-10.62	-159.86	-37.73
	341	6.44e-003	-1.80	-0.29	-7.60	-135.09	-42.91
	339	6.44e-003	-1.84	-0.16	-2.82	-132.55	-44.60
638	337	2.76e-002	-1.57	-8.90e-002	-2.81	-106.31	-43.23
	340	2.76e-002	-1.50	-0.12	-4.87	-104.53	-41.65
	290	1.91e-002	-1.50	-0.12	-0.75	-96.56	-39.40
	338	1.91e-002	-1.57	-9.44e-002	-2.90	-98.29	-40.98
639	336	8.85e-003	-1.72	-8.26e-002	-4.34	-122.82	-43.97
	339	8.85e-003	-1.65	-0.11	-2.19	-123.13	-44.98
	340	2.76e-002	-1.65	-0.11	-6.30	-109.06	-44.25
	337	2.76e-002	-1.72	-8.56e-002	-2.83	-110.51	-43.23
640	257	-3.92e-002	-1.89	-7.12e-002	0.35	-150.63	-38.37
	202	-3.92e-002	-1.84	-0.10	-5.15	-154.66	-38.24
	339	8.85e-003	-1.84	-0.10	-4.59	-131.39	-42.88
	336	8.85e-003	-1.89	-7.81e-002	0.22	-130.07	-43.00
641	334	1.90e-002	-1.62	5.18e-002	0.57	-107.21	-43.44
	337	1.90e-002	-1.57	-3.02e-002	-1.65	-106.59	-43.03
	338	1.93e-002	-1.57	-3.43e-002	-0.10	-98.94	-42.51
	335	1.93e-002	-1.62	4.77e-002	6.23e-002	-99.13	-42.92
642	333	2.79e-003	-1.76	6.04e-002	-7.39e-002	-121.43	-42.41
	336	2.79e-003	-1.72	-2.23e-002	1.26	-122.19	-43.54
	337	1.90e-002	-1.72	-2.67e-002	-2.47	-111.06	-44.08
	334	1.90e-002	-1.76	5.59e-002	0.75	-110.98	-42.95
643	253	-4.37e-002	-1.93	6.56e-002	5.61	-144.21	-36.09
	257	-4.37e-002	-1.89	-1.50e-002	0.80	-148.29	-36.80
	336	2.79e-003	-1.89	-1.78e-002	-0.32	-128.85	-41.60
	333	2.79e-003	-1.93	6.29e-002	4.28	-127.38	-40.89
644	332	1.32e-002	-1.66	0.13	3.79	-106.92	-42.63
	334	1.32e-002	-1.62	0.11	1.77	-106.89	-43.25
	335	1.66e-002	-1.62	0.11	1.38	-99.27	-43.59
	291	1.66e-002	-1.66	0.13	2.60	-98.71	-42.97
645	331	6.86e-004	-1.81	0.14	4.01	-119.29	-40.42
	333	6.86e-004	-1.76	0.12	5.43	-120.45	-41.88

	334	1.32e-002	-1.76	0.12	1.27	-111.03	-43.39
	332	1.32e-002	-1.81	0.13	4.44	-109.83	-41.93
646	203	-4.19e-002	-1.98	0.13	10.05	-137.71	-33.38
	253	-4.19e-002	-1.93	0.12	5.50	-141.98	-34.31
	333	6.86e-004	-1.93	0.12	3.99	-125.90	-39.58
	331	6.86e-004	-1.98	0.14	8.31	-124.08	-38.65
647	329	8.50e-003	-1.70	0.31	7.43	-101.75	-40.55
	332	8.50e-003	-1.66	0.18	4.06	-106.16	-41.61
	291	1.06e-002	-1.66	0.18	4.44	-98.80	-42.41
	330	1.06e-002	-1.70	0.31	4.03	-102.07	-41.35
648	328	-2.13e-003	-1.85	0.32	8.12	-113.19	-38.20
	331	-2.13e-003	-1.81	0.19	8.37	-118.10	-39.46
	332	8.50e-003	-1.81	0.18	5.89	-109.74	-41.17
	329	8.50e-003	-1.85	0.31	7.03	-112.24	-39.91
649	246	-2.32e-002	-2.02	0.31	14.69	-132.49	-31.10
	203	-2.32e-002	-1.98	0.17	9.91	-135.74	-32.11
	331	-2.13e-003	-1.98	0.19	8.53	-122.55	-36.80
	328	-2.13e-003	-2.02	0.32	12.20	-120.92	-35.79
650	327	3.92e-003	-1.73	0.25	3.45	-131.53	-42.41
	329	3.92e-003	-1.70	0.38	13.84	-103.45	-44.42
	330	8.57e-003	-1.70	0.38	-1.41	-99.51	-45.31
	287	8.57e-003	-1.73	0.24	13.01	-70.17	-43.31
651	326	-1.03e-002	-1.87	0.26	4.68	-139.69	-38.83
	328	-1.03e-002	-1.85	0.39	21.66	-114.03	-41.16
	329	3.92e-003	-1.85	0.39	2.85	-109.85	-44.05
	327	3.92e-003	-1.87	0.25	16.84	-80.13	-41.72
652	199	6.63e-003	-2.06	0.26	13.91	-146.89	-33.42
	246	6.63e-003	-2.02	0.37	15.17	-133.08	-32.60
	328	-1.03e-002	-2.02	0.39	10.25	-117.09	-37.41
	326	-1.03e-002	-2.06	0.27	21.98	-98.28	-38.23
653	323	-1.72e-002	1.92	0.52	3.40	0.18	-37.69
	327	-1.72e-002	-1.73	0.31	10.06	20.49	-38.19
	287	-1.07e-002	-1.73	0.30	5.45	-24.04	-39.99
	325	-1.07e-002	1.92	0.51	7.10	0.23	-39.49
654	321	-1.16e-002	2.10	0.53	3.68	0.96	-35.44
	326	-1.16e-002	-1.87	0.30	15.39	23.13	-35.83
	327	-1.72e-002	-1.87	0.30	8.93	-24.37	-37.78
	323	-1.72e-002	2.10	0.53	9.43	2.09	-37.39
655	239	-1.59e-002	2.31	0.53	4.85	4.27	-28.72
	199	-1.59e-002	-2.06	0.30	22.07	21.44	-30.01
	326	-1.16e-002	-2.06	0.31	10.99	-22.96	-35.03
	321	-1.16e-002	2.31	0.54	12.78	2.40	-33.75
656	324	2.07e-004	5.56	3.30e-002	1.07	3.47	-33.26
	323	2.07e-004	1.92	0.42	3.86	-0.95	-34.05
	325	-5.01e-002	1.92	0.41	2.90	2.35	-35.58
	286	-5.01e-002	5.56	2.66e-002	0.61	1.32	-34.80
657	322	-2.07e-002	6.07	-1.15e-002	0.74	6.30	-30.10
	321	-2.07e-002	2.10	0.44	6.55	0.28	-31.08
	323	2.07e-004	2.10	0.44	4.40	3.84	-33.78
	324	2.07e-004	6.07	-1.12e-002	1.11	3.78	-32.80
658	198	-1.07e-002	6.70	5.02e-003	1.98	7.55	-26.71
	239	-1.07e-002	2.31	0.44	4.86	2.87	-26.45
	321	-2.07e-002	2.31	0.44	6.78	5.68	-29.37
	322	-2.07e-002	6.70	4.85e-004	0.68	5.75	-29.62
659	317	-1.49e-002	-1.52	0.40	-5.52	8.29	-72.79
	320	-1.49e-002	-5.08	-1.28e-002	-1.22	3.13	-69.26
	285	-6.72e-002	-5.08	-2.07e-002	-0.78	-4.34	-70.87
	318	-6.72e-002	-1.52	0.39	0.45	-5.96	-74.40
660	316	-3.72e-002	-1.64	0.42	-9.68	17.03	-64.34
	319	-3.72e-002	-5.59	2.69e-002	-1.73	7.02	-62.20

	320	-1.49e-002	-5.59	1.67e-002	-2.44	6.11	-68.59
	317	-1.49e-002	-1.64	0.41	-5.07	10.20	-70.74
661	229	1.36e-002	-1.80	0.44	-5.53	-0.11	-53.60
	197	1.36e-002	-6.23	-7.09e-003	-1.36	-2.83	-55.54
	319	-3.72e-002	-6.23	-1.07e-002	-2.24	5.91	-61.09
	316	-3.72e-002	-1.80	0.44	-9.41	12.24	-59.15
662	307	-6.84e-002	2.02	0.18	-1.76	-8.01	-75.41
	317	-6.84e-002	-1.52	0.45	-4.18	9.58	-76.00
	318	-5.29e-002	-1.52	0.42	-3.73	-5.62	-78.13
	284	-5.29e-002	2.02	0.16	-3.28	16.66	-77.54
663	306	-5.46e-002	2.43	0.23	-3.76	10.92	-69.64
	316	-5.46e-002	-1.64	0.50	-8.04	19.45	-67.53
	317	-6.84e-002	-1.64	0.47	-10.32	13.61	-73.79
	307	-6.84e-002	2.43	0.20	2.34	35.94	-75.90
664	196	9.63e-003	2.69	0.32	-25.86	-4.31	-59.21
	229	9.63e-003	-1.80	0.55	-7.70	-1.28	-53.15
	316	-5.46e-002	-1.80	0.51	-15.81	18.46	-62.90
	306	-5.46e-002	2.69	0.28	-2.87	37.39	-68.96
665	314	5.92e-002	0.22	0.21	-195.17	125.30	-49.19
	304	5.92e-002	1.50	0.40	-154.46	108.65	-78.82
	293	-0.19	1.57	0.69	-258.20	78.40	-53.22
	315	-0.19	0.22	0.51	-180.22	28.07	-16.80
666	313	0.10	0.58	6.70e-002	-152.79	123.45	-53.33
	302	0.10	1.28	-2.53e-003	-138.99	128.20	-65.13
	304	5.92e-002	1.28	0.13	-149.35	108.98	-66.04
	314	5.92e-002	0.58	0.20	-172.65	115.15	-54.23
667	312	-0.74	0.22	-0.23	-128.42	54.54	-89.51
	205	-0.74	1.52	-0.71	-142.92	129.50	-91.76
	302	0.10	1.52	-0.43	-128.15	104.69	-58.44
	313	0.10	0.22	5.79e-002	-150.98	141.15	-56.19
668	310	0.28	0.18	9.98e-003	-181.69	119.16	-47.42
	314	0.28	0.22	0.14	-189.50	112.84	-35.36
	315	-0.89	0.22	7.19e-002	-170.77	32.40	-39.18
	311	-0.89	0.18	-5.74e-002	-169.54	32.05	-51.24
669	309	0.42	0.51	2.63e-002	-163.50	122.45	-34.94
	313	0.42	0.58	0.13	-169.78	122.01	-47.65
	314	0.28	0.58	0.14	-183.36	115.14	-46.42
	310	0.28	0.51	3.11e-002	-182.47	112.77	-33.70
670	308	-1.04	0.22	-1.94e-002	-120.74	45.99	-36.43
	312	-1.04	0.22	7.47e-002	-129.24	45.05	-51.16
	313	0.42	0.22	0.12	-152.35	139.63	-49.26
	309	0.42	0.22	2.78e-002	-148.59	136.50	-34.54
671	300	8.88e-002	1.14	-0.33	-141.26	99.28	-5.74
	310	8.88e-002	0.18	-0.13	-186.59	134.11	-34.76
	311	-0.52	0.18	-0.29	-177.98	34.50	-82.15
	292	-0.52	1.18	-0.45	-243.86	120.56	-42.43
672	299	9.17e-002	1.12	7.61e-002	-127.65	121.31	-19.19
	309	9.17e-002	0.51	4.47e-002	-145.26	122.25	-29.97
	310	8.88e-002	0.51	-0.11	-160.63	113.71	-27.76
	300	8.88e-002	1.12	-8.15e-002	-139.88	111.20	-16.98
673	204	-0.47	1.54	0.79	-112.04	110.49	6.37
	308	-0.47	0.22	0.34	-115.70	54.51	-1.28
	309	9.17e-002	0.22	4.63e-002	-143.96	137.53	-28.84
	299	9.17e-002	1.54	0.49	-110.27	113.41	-21.19
674	303	-0.10	2.01	2.91e-002	-56.93	98.93	-72.83
	307	-0.10	2.02	0.13	-5.44	102.35	-73.13
	284	5.98e-002	2.02	6.73e-002	-12.53	84.72	-75.83
	305	5.98e-002	2.01	-3.70e-002	-50.72	91.94	-75.52
675	301	-0.14	1.97	0.15	-57.68	118.26	-72.08
	306	-0.14	2.43	0.10	-4.52	124.80	-72.02

	307	-0.10	2.43	0.13	-8.28	96.23	-75.66
	303	-0.10	1.97	0.17	-53.75	107.89	-75.72
676	222	2.46e-002	2.41	0.49	-52.59	142.10	-69.88
	196	2.46e-002	2.69	0.29	-25.19	146.47	-68.21
	306	-0.14	2.69	0.14	-16.39	99.01	-72.65
	301	-0.14	2.41	0.34	-54.99	107.99	-74.32
677	304	4.86e-003	1.50	0.39	-126.68	96.68	-74.16
	303	4.86e-003	2.01	4.16e-002	-68.95	94.57	-71.63
	305	0.10	2.01	1.16e-002	-63.10	91.46	-80.19
	293	0.10	1.49	0.36	-134.49	103.41	-83.76
678	302	9.49e-002	1.28	-2.03e-002	-109.59	126.73	-63.07
	301	9.49e-002	1.97	4.25e-002	-75.55	117.38	-66.95
	303	4.86e-003	1.97	0.18	-72.87	106.51	-77.11
	304	4.86e-003	1.28	0.12	-123.31	111.45	-73.23
679	205	0.16	1.52	-0.43	-93.49	144.95	-64.04
	222	0.16	2.41	0.25	-56.71	142.38	-71.73
	301	9.49e-002	2.41	0.23	-65.25	105.18	-71.35
	302	9.49e-002	1.52	-0.45	-114.52	102.22	-63.66
680	296	1.35e-003	1.73	-0.13	-61.98	91.74	-3.30
	300	1.35e-003	1.15	-0.35	-113.37	93.51	-13.32
	292	-5.89e-003	1.13	-0.29	-133.42	145.48	9.31
	298	-5.89e-003	1.73	-7.30e-002	-70.06	115.09	13.76
681	294	0.10	1.76	-9.32e-002	-66.70	117.46	-13.30
	299	0.10	1.12	4.22e-002	-91.49	120.33	-17.53
	300	1.35e-003	1.12	-0.11	-109.61	113.03	-9.34
	296	1.35e-003	1.76	-0.25	-60.60	104.39	-5.12
682	212	0.28	2.30	-0.28	-27.65	147.46	12.39
	204	0.28	1.54	0.46	-71.82	127.07	0.60
	299	0.10	1.54	0.46	-98.32	113.81	-15.92
	294	0.10	2.30	-0.28	-46.46	110.62	-4.14
683	297	-7.76e-002	1.87	-0.18	-11.52	121.70	6.41
	296	-7.76e-002	1.73	-0.13	-56.45	93.25	0.41
	298	2.63e-002	1.73	-2.83e-002	-46.45	106.30	20.36
	289	2.63e-002	1.87	-7.61e-002	-38.58	49.79	26.36
684	295	-0.14	2.13	-0.19	-0.15	134.35	-0.51
	294	-0.14	1.76	-0.24	-35.88	122.21	-8.49
	296	-7.76e-002	1.76	-0.25	-47.94	99.87	-1.18
	297	-7.76e-002	2.13	-0.20	-10.79	77.45	6.80
685	201	5.86e-002	2.43	-0.35	12.50	162.91	15.83
	212	5.86e-002	2.30	-0.55	-22.43	154.32	10.36
	294	-0.14	2.30	-0.42	-41.72	116.18	-0.21
	295	-0.14	2.43	-0.22	10.75	118.59	5.27
687	279	-1.09e-002	-0.15	-0.34	23.76	-19.41	22.49
	211	-1.09e-002	2.65	-0.29	-7.42	-58.48	23.37
	201	-0.26	2.65	-0.36	20.33	15.87	15.18
	281	-0.26	-0.15	-0.41	-1.68	-10.77	14.30
688	277	0.27	-0.29	-0.35	25.57	-19.60	26.22
	209	0.27	2.87	-0.27	-2.50	-49.25	25.76
	211	-1.09e-002	2.87	-0.31	13.59	12.36	23.09
	279	-1.09e-002	-0.29	-0.38	7.64	-14.62	23.55
689	275	-0.77	-0.39	-0.87	38.52	6.46	28.07
	207	-0.77	3.65	-0.60	40.33	-18.07	19.82
	209	0.27	3.65	-0.36	37.15	29.07	22.19
	277	0.27	-0.39	-0.63	8.70	2.17	30.44
690	183	-0.40	0.31	0.87	31.02	2.86	17.70
	176	-0.40	4.07	0.23	63.86	9.34	17.84
	207	-0.77	4.07	-0.53	63.61	12.31	25.30
	275	-0.77	0.31	0.10	31.82	11.31	25.17
691	280	-0.21	-6.21	-0.36	6.47	-11.97	19.55
	279	-0.21	-0.15	6.40e-002	10.50	-13.08	16.45

	281	-6.90e-002	-0.15	-0.46	9.25	-12.06	12.72
	200	-6.90e-002	-6.21	-0.88	2.86	-3.66	15.82
692	278	-8.55e-002	-4.84	-0.75	4.00	-4.01	24.99
	277	-8.55e-002	-0.29	-0.43	13.19	-14.20	25.36
	279	-0.21	-0.29	2.05e-002	9.30	-16.56	18.47
	280	-0.21	-4.84	-0.30	8.77	-15.17	18.10
693	276	0.33	-6.68	-3.78e-002	7.27	13.49	35.28
	275	0.33	-0.39	-0.71	21.91	8.57	31.45
	277	-8.55e-002	-0.39	-0.71	16.93	-0.56	26.01
	278	-8.55e-002	-6.68	-2.94e-002	3.16	3.67	29.84
694	175	-1.38	-9.56	-1.78	37.37	-31.34	33.88
	183	-1.38	0.31	0.51	44.92	2.03	15.42
	275	0.33	0.31	0.26	30.76	3.06	25.88
	276	0.33	-9.56	-2.04	7.63	18.85	44.34
695	270	0.13	0.87	9.38e-002	-15.04	-7.04	-24.15
	274	0.13	6.94	-0.31	-3.07	-5.71	-22.88
	195	4.30e-002	6.94	-0.81	-1.75	-6.49	-25.59
	271	4.30e-002	0.87	-0.40	-14.38	1.74	-26.85
696	269	0.10	1.04	-0.41	-20.59	0.46	-15.31
	273	0.10	5.51	-0.77	-3.65	-12.69	-13.59
	274	0.13	5.51	-0.32	-7.26	-2.46	-22.82
	270	0.13	1.04	3.83e-002	-12.87	-7.75e-002	-24.54
697	268	-0.34	1.19	-0.74	-27.20	-14.44	-0.44
	272	-0.34	7.32	-4.92e-002	-7.14	-25.40	2.47
	273	0.10	7.32	-1.36e-002	-4.51	-15.93	-8.91
	269	0.10	1.19	-0.71	-22.91	-7.75	-11.82
698	181	1.45	0.39	0.52	-36.38	-15.19	-0.69
	170	1.45	10.44	-1.94	-18.18	3.04	6.23
	272	-0.34	10.44	-2.18	-4.68	-33.38	7.70
	268	-0.34	0.39	0.27	-33.40	-17.61	0.77
699	267	-3.20e-003	-2.01	-0.29	-11.07	43.47	-21.67
	270	-3.20e-003	0.87	-0.31	-28.65	-4.09	-18.57
	271	0.23	0.87	-0.33	6.50	0.38	-24.07
	194	0.23	-2.01	-0.31	-38.04	-38.83	-27.17
700	266	-0.28	-2.11	-0.32	-14.15	41.09	-13.93
	269	-0.28	1.04	-0.37	-32.22	7.82	-14.20
	270	-3.20e-003	1.04	-0.37	-16.30	-3.18	-20.22
	267	-3.20e-003	-2.11	-0.32	-31.14	-30.42	-19.95
701	265	0.83	-2.72	-0.62	-53.62	20.90	-9.09
	268	0.83	1.19	-0.89	-44.35	-10.02	-1.92
	269	-0.28	1.19	-0.67	-17.89	-8.94	-7.73
	266	-0.28	-2.72	-0.41	-51.38	-34.06	-14.90
702	169	0.45	-3.27	0.28	-78.78	-30.94	-8.84e-002
	181	0.45	0.39	0.94	-30.61	-18.71	-0.41
	268	0.83	0.39	0.13	-35.77	-19.38	1.33
	265	0.83	-3.27	-0.53	-74.89	-8.90	1.65
703	263	-2.42e-002	-2.00	-0.34	-5.41	-174.15	-21.95
	267	-2.42e-002	-2.01	-0.24	-28.75	-214.09	-23.08
	194	3.86e-003	-2.01	-0.27	-17.62	-152.76	-33.07
	264	3.86e-003	-2.00	-0.36	-18.71	-172.02	-31.95
704	262	-5.54e-002	-2.20	-0.31	-21.81	-188.51	-28.76
	266	-5.54e-002	-2.11	-0.28	-29.50	-208.70	-24.65
	267	-2.42e-002	-2.11	-0.27	-16.24	-146.15	-20.53
	263	-2.42e-002	-2.20	-0.30	-23.03	-171.96	-24.64
705	261	-7.81e-002	-2.43	-0.14	-15.90	-249.70	-20.11
	265	-7.81e-002	-2.72	-0.18	-61.57	-296.08	-13.24
	266	-5.54e-002	-2.72	-0.26	-29.06	-170.61	-22.49
	262	-5.54e-002	-2.43	-0.23	-28.25	-204.38	-29.36
706	193	-6.90e-002	-2.51	0.21	5.68	-242.39	25.35
	169	-6.90e-002	-3.27	0.21	-79.28	-300.35	23.31

	265	-7.81e-002	-3.27	-4.97e-002	-59.79	-245.78	-3.62
	261	-7.81e-002	-2.51	-4.34e-002	-19.80	-267.01	-1.58
707	260	-3.52e-002	-2.02	-0.14	-4.72	-171.43	-32.59
	263	-3.52e-002	-2.00	-0.27	-15.20	-171.25	-30.69
	264	-2.14e-002	-2.00	-0.28	-7.84	-167.79	-33.88
	202	-2.14e-002	-2.02	-0.14	-8.41	-161.01	-35.78
708	259	-9.43e-002	-2.14	-7.08e-002	-8.89	-191.38	-32.62
	262	-9.43e-002	-2.20	-0.19	-13.24	-185.84	-32.37
	263	-3.52e-002	-2.20	-0.23	-15.48	-175.96	-31.08
	260	-3.52e-002	-2.14	-0.12	-5.93	-172.18	-31.33
709	258	-0.19	-2.24	1.16e-002	2.99	-223.30	-16.71
	261	-0.19	-2.43	-4.61e-002	-2.70	-235.62	-22.84
	262	-9.43e-002	-2.43	-0.10	-18.95	-208.60	-34.04
	259	-9.43e-002	-2.24	-4.58e-002	1.24	-205.65	-27.90
710	177	-0.17	-2.24	4.45e-002	16.87	-215.57	19.62
	193	-0.17	-2.51	7.55e-002	-9.15	-227.45	18.70
	261	-0.19	-2.51	4.95e-002	-9.81	-257.21	-6.35
	258	-0.19	-2.24	1.85e-002	14.85	-234.93	-5.44
711	256	-7.07e-002	-2.03	-5.70e-002	2.86	-165.40	-31.38
	260	-7.07e-002	-2.02	-8.22e-002	-3.21	-169.47	-32.81
	202	-3.92e-002	-2.02	-8.77e-002	-1.47	-159.39	-36.07
	257	-3.92e-002	-2.03	-6.26e-002	-1.38	-155.96	-34.64
712	255	-0.16	-2.12	-2.01e-002	7.70	-185.45	-24.81
	259	-0.16	-2.14	-3.16e-002	2.84	-189.05	-28.56
	260	-7.07e-002	-2.14	-5.94e-002	-3.92	-172.41	-32.53
	256	-7.07e-002	-2.12	-4.80e-002	4.54	-169.99	-28.78
713	254	-0.25	-2.17	6.49e-003	18.46	-204.11	-7.04
	258	-0.25	-2.24	1.12e-002	15.38	-216.05	-14.05
	259	-0.16	-2.24	-6.61e-003	1.44	-202.91	-26.11
	255	-0.16	-2.17	-1.14e-002	13.88	-196.57	-19.10
714	190	-0.23	-2.16	1.30e-002	26.67	-195.11	16.90
	177	-0.23	-2.24	1.74e-002	11.18	-207.77	16.91
	258	-0.25	-2.24	1.82e-002	14.30	-224.48	-0.82
	254	-0.25	-2.16	1.37e-002	23.60	-210.26	-0.84
715	252	-8.58e-002	-2.06	6.00e-002	7.68	-158.07	-28.01
	256	-8.58e-002	-2.03	-6.08e-003	6.33	-163.38	-30.68
	257	-4.37e-002	-2.03	-6.39e-003	4.94	-154.24	-35.00
	253	-4.37e-002	-2.06	5.97e-002	4.42	-149.62	-32.32
716	251	-0.17	-2.14	4.90e-002	14.34	-175.60	-17.27
	255	-0.17	-2.12	2.25e-003	13.38	-182.14	-21.69
	256	-8.58e-002	-2.12	2.97e-003	4.76	-168.20	-29.16
	252	-8.58e-002	-2.14	4.98e-002	11.30	-163.41	-24.74
717	250	-0.24	-2.20	1.81e-002	23.30	-190.04	-0.61
	254	-0.24	-2.17	7.65e-004	22.64	-199.18	-5.82
	255	-0.17	-2.17	1.10e-002	14.02	-192.05	-17.05
	251	-0.17	-2.20	2.84e-002	18.14	-184.18	-11.84
718	189	-0.23	-2.20	-1.68e-002	28.02	-184.02	13.55
	190	-0.23	-2.16	-2.34e-003	21.31	-190.00	13.45
	254	-0.24	-2.16	8.01e-003	24.39	-203.69	3.17
	250	-0.24	-2.20	-6.42e-003	24.68	-194.09	3.27
719	249	-7.40e-002	-2.12	0.12	10.58	-149.45	-24.71
	252	-7.40e-002	-2.06	0.11	12.11	-156.07	-27.19
	253	-4.19e-002	-2.06	0.11	9.78	-147.42	-32.31
	203	-4.19e-002	-2.12	0.12	8.60	-142.26	-29.83
720	248	-0.14	-2.22	7.76e-002	15.25	-164.65	-12.19
	251	-0.14	-2.14	7.27e-002	16.88	-172.19	-15.24
	252	-7.40e-002	-2.14	0.10	9.55	-160.20	-24.47
	249	-7.40e-002	-2.22	0.10	14.52	-153.76	-21.42
721	247	-0.22	-2.31	1.29e-002	21.41	-179.43	3.68
	250	-0.22	-2.20	1.67e-002	22.79	-186.53	0.16

	251	-0.14	-2.20	5.20e-002	17.94	-179.64	-10.18
	248	-0.14	-2.31	4.83e-002	16.98	-171.07	-6.66
722	178	-0.23	-2.34	-3.42e-002	23.47	-180.11	11.42
	189	-0.23	-2.20	-2.98e-002	22.86	-182.08	11.34
	250	-0.22	-2.20	-7.86e-003	26.07	-190.23	6.02
	247	-0.22	-2.34	-1.23e-002	20.04	-184.14	6.10
723	245	-4.65e-002	-2.18	0.28	12.53	-137.06	-23.89
	249	-4.65e-002	-2.12	0.16	15.18	-147.81	-23.89
	203	-2.32e-002	-2.12	0.17	14.22	-139.49	-29.57
	246	-2.32e-002	-2.18	0.29	13.48	-138.50	-29.57
724	244	-8.20e-002	-2.31	0.22	14.10	-152.66	-10.52
	248	-8.20e-002	-2.22	0.11	15.94	-161.41	-11.24
	249	-4.65e-002	-2.22	0.14	12.73	-150.14	-20.65
	245	-4.65e-002	-2.31	0.25	15.22	-146.05	-19.94
725	243	-0.14	-2.49	9.28e-002	15.03	-172.21	4.51
	247	-0.14	-2.31	2.23e-002	17.84	-177.39	3.93
	248	-8.20e-002	-2.31	8.21e-002	16.97	-166.28	-5.60
	244	-8.20e-002	-2.49	0.15	14.20	-158.47	-5.02
726	188	-0.16	-2.60	-4.91e-002	10.88	-178.83	8.16
	178	-0.16	-2.34	-4.60e-002	15.83	-180.50	10.01
	247	-0.14	-2.34	-2.94e-003	21.95	-181.82	7.62
	243	-0.14	-2.60	-6.08e-003	10.19	-180.24	5.78
727	242	-3.62e-002	-2.22	0.22	18.32	-163.35	-23.85
	245	-3.62e-002	-2.18	0.36	23.78	-134.47	-28.82
	246	6.63e-003	-2.18	0.36	9.77	-136.58	-33.41
	199	6.63e-003	-2.22	0.22	22.72	-98.20	-28.44
728	241	-4.82e-002	-2.38	0.20	12.79	-166.28	-16.45
	244	-4.82e-002	-2.31	0.29	22.00	-151.76	-14.66
	245	-3.62e-002	-2.31	0.33	12.66	-140.71	-22.44
	242	-3.62e-002	-2.38	0.24	27.40	-115.58	-24.23
729	240	-7.35e-002	-2.62	0.16	2.77	-173.38	-1.65
	243	-7.35e-002	-2.49	0.18	10.67	-171.54	4.13
	244	-4.82e-002	-2.49	0.22	10.55	-151.51	-8.63
	241	-4.82e-002	-2.62	0.20	19.82	-132.28	-14.40
730	174	-6.85e-002	-3.08	-2.84e-002	-15.09	-173.33	-1.36
	188	-6.85e-002	-2.60	-6.85e-002	-2.41	-180.89	6.20
	243	-7.35e-002	-2.60	7.72e-002	14.54	-179.11	5.49
	240	-7.35e-002	-3.08	0.12	-9.86	-185.71	-2.07
731	237	-1.22e-002	2.49	0.52	8.91	5.27	-26.03
	242	-1.22e-002	-2.22	0.28	18.08	19.48	-23.82
	199	-1.59e-002	-2.22	0.28	21.62	-19.83	-26.85
	239	-1.59e-002	2.49	0.52	8.10	4.21	-29.06
732	235	-1.50e-002	2.62	0.51	2.02	3.67	-22.39
	241	-1.50e-002	-2.38	0.28	17.16	21.73	-17.89
	242	-1.22e-002	-2.38	0.28	14.87	-18.44	-21.50
	237	-1.22e-002	2.62	0.51	12.74	7.34	-26.00
733	233	-3.10e-002	2.82	0.47	-2.86	-1.45	-20.74
	240	-3.10e-002	-2.62	0.21	0.65	15.83	-10.78
	241	-1.50e-002	-2.62	0.26	12.10	-16.48	-13.57
	235	-1.50e-002	2.82	0.52	4.34	6.76	-23.53
734	187	0.66	2.84	0.55	-8.33	-5.62	-13.80
	174	0.66	-3.08	0.13	-19.20	-8.13	-3.88
	240	-3.10e-002	-3.08	0.13	-7.81	-12.65	-10.59
	233	-3.10e-002	2.84	0.55	-1.15	-0.84	-20.50
735	238	2.08e-003	7.24	-2.36e-003	0.32	8.91	-24.70
	237	2.08e-003	2.49	0.41	6.32	6.35	-24.68
	239	-1.07e-002	2.49	0.43	6.53	7.80	-25.61
	198	-1.07e-002	7.24	2.11e-002	0.13	8.27	-25.63
736	236	-8.43e-003	7.66	3.11e-002	1.07	6.93	-22.80
	235	-8.43e-003	2.62	0.45	3.53	4.30	-22.03

	237	2.08e-003	2.62	0.40	5.51	7.74	-23.66
	238	2.08e-003	7.66	-1.69e-002	0.53	8.58	-24.43
737	234	5.63e-002	8.16	-7.77e-002	0.97	2.90	-21.45
	233	5.63e-002	2.82	0.33	1.37	1.10	-20.85
	235	-8.43e-003	2.82	0.46	3.14	5.13	-21.83
	236	-8.43e-003	8.16	5.16e-002	0.33	5.42	-22.43
738	173	-1.58e-003	8.74	0.18	-3.76	6.05	-17.23
	187	-1.58e-003	2.84	0.76	2.67	1.32	-15.81
	233	5.63e-002	2.84	0.40	-0.14	-2.41	-20.18
	234	5.63e-002	8.74	-0.18	1.72	2.19	-21.60
739	228	-7.45e-003	-1.96	0.41	-4.19	-14.87	-53.05
	232	-7.45e-003	-6.79	4.96e-003	-9.30e-002	-14.77	-54.79
	197	1.36e-002	-6.79	2.83e-002	1.56	-8.84	-54.36
	229	1.36e-002	-1.96	0.43	-8.00	-10.15	-52.61
740	227	6.58e-003	-2.09	0.46	-1.69	-15.41	-54.39
	231	6.58e-003	-7.22	2.76e-002	0.24	-15.53	-55.50
	232	-7.45e-003	-7.22	-1.92e-002	-2.42e-002	-15.59	-55.11
	228	-7.45e-003	-2.09	0.41	-3.52	-16.55	-53.99
741	226	-3.97e-002	-2.30	0.34	3.11	-10.63	-53.23
	230	-3.97e-002	-7.72	-8.37e-002	0.18	-12.11	-55.00
	231	6.58e-003	-7.72	4.08e-002	0.25	-13.40	-55.72
	227	6.58e-003	-2.30	0.47	-0.28	-13.32	-53.95
742	186	-2.68e-003	-2.34	0.78	9.92	-17.89	-49.53
	172	-2.68e-003	-8.31	0.19	7.06	-19.18	-55.45
	230	-3.97e-002	-8.31	-0.17	1.16	-12.59	-56.67
	226	-3.97e-002	-2.34	0.42	4.74	-11.26	-50.75
743	225	2.00e-002	2.81	0.26	-31.34	-31.19	-50.93
	228	2.00e-002	-1.96	0.51	-4.13	-15.76	-53.94
	229	9.63e-003	-1.96	0.53	-5.39	-7.26	-53.79
	196	9.63e-003	2.81	0.29	-33.79	7.67	-50.78
744	224	8.75e-004	2.98	0.26	-12.73	-30.54	-43.61
	227	8.75e-004	-2.09	0.51	-0.92	-13.86	-54.05
	228	2.00e-002	-2.09	0.51	-7.23	-19.19	-56.01
	225	2.00e-002	2.98	0.26	-25.95	1.68	-45.57
745	223	1.33e-002	3.30	0.24	12.62	-23.12	-39.91
	226	1.33e-002	-2.30	0.50	4.18	-7.14	-52.52
	227	8.75e-004	-2.30	0.52	-2.72	-15.11	-54.70
	224	8.75e-004	3.30	0.25	-4.10	5.54	-42.09
746	171	-0.64	3.68	0.20	20.29	-20.19	-35.64
	186	-0.64	-2.34	0.60	20.85	-13.99	-45.29
	226	1.33e-002	-2.34	0.58	2.63	-10.89	-51.37
	223	1.33e-002	3.68	0.18	20.44	8.30	-41.72
747	220	0.16	2.81	0.36	-41.38	159.82	-42.71
	225	0.16	2.81	0.15	-43.32	171.64	-42.36
	196	2.46e-002	2.81	0.27	-41.73	107.62	-62.81
	222	2.46e-002	2.81	0.47	-42.30	161.77	-63.16
748	218	-1.12e-002	3.25	0.20	-17.63	145.43	-23.90
	224	-1.12e-002	2.98	0.18	-12.13	167.25	-38.35
	225	0.16	2.98	0.18	-41.31	117.05	-44.09
	220	0.16	3.25	0.19	-30.86	146.70	-29.63
749	216	-2.85e-002	3.49	0.19	-3.19	164.90	-26.62
	223	-2.85e-002	3.30	0.16	13.29	177.08	-35.13
	224	-1.12e-002	3.30	0.18	-9.49	130.32	-36.33
	218	-1.12e-002	3.49	0.21	-5.38	144.14	-27.83
750	185	0.16	3.70	0.21	-3.93	174.95	-38.69
	171	0.16	3.68	0.18	22.28	180.71	-39.48
	223	-2.85e-002	3.68	0.15	17.89	177.99	-35.00
	216	-2.85e-002	3.70	0.17	-1.87	177.64	-34.20
751	221	3.50e-002	4.09	-0.46	-9.22	149.24	10.81
	220	3.50e-002	2.81	0.23	-45.51	181.46	-31.42

	222	0.16	2.81	0.23	-78.60	168.42	-71.48
	205	0.16	4.09	-0.46	-57.78	283.50	-29.24
752	219	4.78e-003	3.52	7.87e-003	-2.92	136.38	-12.13
	218	4.78e-003	3.25	0.14	-11.59	140.97	-20.18
	220	3.50e-002	3.25	6.09e-002	-24.10	152.34	-15.30
	221	3.50e-002	3.52	-6.91e-002	-14.04	150.28	-7.24
753	217	2.81e-003	3.62	-5.77e-002	-0.97	156.51	-25.85
	216	2.81e-003	3.49	0.10	-3.69	160.41	-27.08
	218	4.78e-003	3.49	0.15	-6.42	146.27	-19.66
	219	4.78e-003	3.62	-7.14e-003	-1.82	140.07	-18.44
754	180	-0.13	3.73	-6.15e-004	-2.88	182.42	-35.64
	185	-0.13	3.70	0.13	-4.40e-002	173.71	-35.98
	216	2.81e-003	3.70	8.05e-002	-1.75	173.92	-31.53
	217	2.81e-003	3.73	-5.01e-002	-2.16	159.14	-31.19
755	210	2.50e-002	2.76	-0.19	-18.49	197.10	10.49
	215	2.50e-002	4.40	0.57	-11.13	176.41	-15.12
	204	0.28	4.40	0.55	-30.63	217.10	-2.79
	212	0.28	2.76	-0.21	-48.51	170.90	22.83
756	208	6.47e-003	3.27	-4.15e-002	1.13	195.06	2.04
	214	6.47e-003	3.56	-9.94e-003	1.84	199.62	-4.36
	215	2.50e-002	3.56	6.71e-002	-8.17	179.00	-4.45
	210	2.50e-002	3.27	3.55e-002	-7.64	183.69	1.95
757	206	2.70e-002	3.52	-1.50e-002	-1.64	252.33	5.16
	213	2.70e-002	3.43	5.26e-002	2.49	242.83	6.80
	214	6.47e-003	3.43	9.70e-003	-1.26	218.20	-0.49
	208	6.47e-003	3.52	-5.79e-002	6.94	218.64	-2.13
758	184	-0.12	3.65	-0.12	3.99	239.68	29.51
	179	-0.12	3.47	-3.53e-002	-3.04	238.83	29.17
	213	2.70e-002	3.47	4.75e-002	-3.54	256.81	14.84
	206	2.70e-002	3.65	-3.50e-002	3.48	275.51	15.18
759	211	0.18	2.65	-0.14	6.67	215.11	19.14
	210	0.18	2.76	-0.31	-21.04	185.78	22.45
	212	5.86e-002	2.76	-0.48	-7.85	178.42	20.37
	201	5.86e-002	2.65	-0.32	-0.12	153.38	17.07
760	209	-1.67e-002	2.87	-0.22	12.40	210.45	13.64
	208	-1.67e-002	3.27	-0.14	6.36	196.14	4.95
	210	0.18	3.27	-8.73e-002	-2.56	179.61	14.07
	211	0.18	2.87	-0.17	-4.16	152.87	22.76
761	207	-4.40e-002	3.65	-0.15	49.25	300.48	16.43
	206	-4.40e-002	3.52	-0.10	4.87	262.77	7.88
	208	-1.67e-002	3.52	-0.15	13.70	214.01	3.93
	209	-1.67e-002	3.65	-0.20	15.35	181.70	12.47
762	176	0.16	4.07	-1.25e-002	66.43	307.18	37.52
	184	0.16	3.65	-6.19e-002	-12.75	250.20	38.94
	206	-4.40e-002	3.65	-0.12	12.47	280.94	21.13
	207	-4.40e-002	4.07	-7.41e-002	45.35	248.23	19.72
763	149	-2.56e-002	-2.30	0.41	-1.14	-104.02	36.07
	38	-2.56e-002	-2.49	0.42	-23.67	-117.63	23.04
	169	-6.90e-002	-2.49	0.32	-38.27	-187.10	29.51
	193	-6.90e-002	-2.30	0.31	-29.09	-208.63	42.54
764	54	-3.35e-002	-2.16	0.12	5.79	-124.72	29.35
	149	-3.35e-002	-2.30	0.23	-12.94	-109.24	31.55
	193	-0.17	-2.30	0.17	-2.28	-203.74	31.42
	177	-0.17	-2.16	5.16e-002	2.32	-188.10	29.22
765	157	-9.12e-002	-2.11	6.51e-002	16.07	-133.89	21.12
	54	-9.12e-002	-2.16	6.49e-002	-0.82	-128.87	27.37
	177	-0.23	-2.16	2.45e-002	17.33	-182.41	26.92
	190	-0.23	-2.11	2.48e-002	16.29	-176.78	20.66
766	162	-0.12	-2.15	-2.03e-002	19.21	-138.48	13.22
	157	-0.12	-2.11	1.88e-002	11.93	-135.03	18.26

	190	-0.23	-2.11	9.53e-003	24.71	-175.01	19.02
	189	-0.23	-2.15	-2.96e-002	21.25	-172.60	13.98
767	55	-0.13	-2.28	-6.80e-002	13.86	-143.46	5.88
	162	-0.13	-2.15	-6.63e-002	17.05	-140.01	10.10
	189	-0.23	-2.15	-4.26e-002	25.70	-172.72	13.29
	178	-0.23	-2.28	-4.43e-002	17.64	-173.60	9.06
768	28	-8.54e-002	-2.54	-0.21	-0.96	-149.21	0.27
	55	-8.54e-002	-2.28	-0.11	14.40	-145.28	2.60
	178	-0.16	-2.28	-5.60e-002	18.51	-176.08	8.01
	188	-0.16	-2.54	-0.15	2.55	-178.78	5.67
769	47	-2.51e-002	-3.02	-0.30	-42.17	-186.09	-9.91
	28	-2.51e-002	-2.54	-0.34	10.11	-155.76	-7.66
	188	-6.85e-002	-2.54	-0.17	-2.03	-180.67	2.57
	174	-6.85e-002	-3.02	-0.13	-22.69	-162.87	0.32
770	141	0.30	1.81	-1.02	-4.93	2.42	4.28
	47	0.30	-3.02	-0.34	-30.39	-30.60	4.96
	174	0.66	-3.02	0.20	-23.66	12.79	-6.34
	187	0.66	1.81	-0.48	-10.25	1.44	-7.02
771	46	0.58	12.47	2.14	15.30	57.67	5.39
	141	0.58	1.81	-0.47	-18.27	13.45	7.41
	187	-1.58e-003	1.81	-0.27	-1.43	6.33	-11.00
	173	-1.58e-003	12.47	2.34	2.65	-2.60	-13.01
772	130	-0.50	-1.36	-0.45	28.47	-21.08	-21.68
	45	-0.50	-12.03	2.09	25.72	-81.95	-36.97
	172	-2.68e-003	-12.03	2.30	4.23	-14.85	-60.09
	186	-2.68e-003	-1.36	-0.23	18.07	-31.36	-44.80
773	44	-0.28	3.51	-0.30	27.21	-0.38	-30.24
	130	-0.28	-1.36	-0.97	21.88	-14.84	-31.83
	186	-0.64	-1.36	-0.41	22.77	-24.24	-38.95
	171	-0.64	3.51	0.27	23.00	-25.05	-37.36
774	122	3.23e-002	3.41	-0.37	-18.34	165.68	-37.66
	44	3.23e-002	3.51	-0.28	38.05	199.04	-37.96
	171	0.16	3.51	8.81e-002	10.61	160.21	-38.46
	185	0.16	3.41	-8.42e-003	8.14	194.19	-38.16
775	57	0.12	4.69	0.68	-19.93	227.12	-29.76
	122	0.12	3.41	-2.90e-002	-29.06	166.98	-19.01
	185	-0.13	3.41	-8.39e-002	-2.64	196.36	-34.79
	180	-0.13	4.69	0.62	-11.23	155.55	-45.54
776	101	8.62e-002	3.20	4.89e-002	-1.93	107.48	28.42
	56	8.62e-002	4.51	-0.66	-9.58	145.54	32.96
	179	-0.12	4.51	-0.64	0.10	186.45	39.64
	184	-0.12	3.20	7.46e-002	3.21	216.34	35.10
777	49	3.43e-002	3.09	0.39	27.86	125.45	32.85
	101	3.43e-002	3.20	0.42	2.50	103.38	39.80
	184	0.16	3.20	0.13	24.60	216.49	49.04
	176	0.16	3.09	9.49e-002	28.46	183.11	42.09
778	85	0.42	0.46	1.34	22.80	-8.66	20.22
	49	0.42	3.09	0.48	35.77	12.88	24.81
	176	-0.40	3.09	0.40	31.89	-46.52	22.17
	183	-0.40	0.46	1.26	47.16	-22.60	17.57
779	48	0.33	-2.21	-0.52	28.48	-12.04	8.16
	85	0.33	0.46	1.09	28.09	-13.13	18.38
	183	-1.38	0.46	0.91	36.90	-17.85	20.80
	175	-1.38	-2.21	-0.70	46.75	-22.59	10.58
780	93	0.66	2.13e-002	-1.34	19.94	-8.50	-12.30
	48	0.66	-2.21	-1.27	27.16	-17.65	6.33
	175	-3.19	-2.21	-1.85	74.34	-15.14	-7.91
	182	-3.19	2.13e-002	-1.92	15.22	0.70	-26.54
781	39	-0.59	2.60	-1.38	-7.59	5.99	-10.29
	93	-0.59	2.13e-002	-1.35	5.78	-0.52	-16.24

	182	3.15	2.13e-002	-2.02	11.84	-4.51	-24.04
	170	3.15	2.60	-2.05	-27.20	2.67	-18.09
782	77	-0.31	0.14	1.14	-18.24	1.46	-2.53
	39	-0.31	2.60	-0.63	-8.95	4.42	-11.61
	170	1.45	2.60	-0.83	-18.86	2.35	-7.85
	181	1.45	0.14	0.94	-32.37	-0.36	1.22
783	38	-0.45	-2.49	0.50	-37.30	-43.25	6.10
	77	-0.45	0.14	1.41	-5.22	-5.94	-2.50
	181	0.45	0.14	1.36	-42.42	3.85	-1.31
	169	0.45	-2.49	0.46	-38.44	40.08	7.30
784	17	3.57e-002	-2.26	0.42	3.29	66.92	-0.50
	144	3.57e-002	-2.37	0.37	20.18	83.57	2.57
	47	-2.51e-002	-2.37	0.36	12.56	87.18	-8.80
	28	-2.51e-002	-2.26	0.41	21.14	117.47	-11.87
785	165	2.61e-002	-2.14	0.14	-4.24	69.95	0.50
	17	2.61e-002	-2.26	0.27	1.14	67.58	0.19
	28	-8.54e-002	-2.26	0.27	0.25	120.41	-1.32
	55	-8.54e-002	-2.14	0.14	-4.40	119.85	-1.00
786	161	2.43e-002	-2.05	5.37e-002	-8.31	68.71	3.77
	165	2.43e-002	-2.14	7.26e-002	-5.95	70.62	0.48
	55	-0.13	-2.14	0.10	-10.92	118.06	3.75
	162	-0.13	-2.05	7.83e-002	-13.19	115.61	7.03
787	156	9.43e-003	-2.01	-7.20e-002	-6.86	61.37	7.00
	161	9.43e-003	-2.05	1.52e-002	-7.52	66.73	3.86
	162	-0.12	-2.05	3.23e-002	-12.12	113.77	11.28
	157	-0.12	-2.01	-5.49e-002	-11.68	109.24	14.42
788	152	4.80e-002	-2.01	-0.13	-1.89	48.45	7.58
	156	4.80e-002	-2.01	-0.11	-2.30	57.28	6.25
	157	-9.12e-002	-2.01	-0.10	-5.09	106.45	19.11
	54	-9.12e-002	-2.01	-0.12	-3.09	98.14	20.44
789	148	5.34e-002	-1.96	-0.30	0.70	29.56	3.05
	152	5.34e-002	-2.01	-0.18	5.73	41.87	6.25
	54	-3.35e-002	-2.01	-0.17	7.97	94.46	24.14
	149	-3.35e-002	-1.96	-0.29	9.13	85.30	20.94
790	76	4.20e-002	-1.62	-0.27	-8.74	18.93	-2.26
	148	4.20e-002	-1.96	-0.34	9.94	22.81	3.15
	149	-2.56e-002	-1.96	-0.46	19.89	77.70	25.48
	38	-2.56e-002	-1.62	-0.40	-0.66	54.78	20.07
791	140	-0.44	1.21	-1.21	3.12	-1.27	14.69
	144	-0.44	-2.37	-0.23	-20.67	-36.50	5.46
	47	0.30	-2.37	-0.38	-20.74	31.95	3.47
	141	0.30	1.21	-1.36	-16.46	0.45	12.71
792	133	-0.29	1.37	2.58	10.09	-8.17	13.48
	140	-0.29	1.21	-0.45	1.64	0.74	9.90
	141	0.58	1.21	-0.80	-4.99	1.12	11.35
	46	0.58	1.49	2.15	6.32	4.26	16.68
793	129	0.33	-0.84	-0.37	10.29	3.25	-12.28
	133	0.33	-1.07	2.60	6.74	-9.25	2.43
	45	-0.50	-1.20	2.14	32.57	-9.85	-6.14
	130	-0.50	-0.84	-0.77	15.57	-4.69	-24.02
794	125	0.44	2.88	-9.31e-002	32.36	39.31	-23.55
	129	0.44	-0.84	-1.08	2.27	12.28	-15.55
	130	-0.28	-0.84	-1.30	24.60	-4.87	-23.20
	44	-0.28	2.88	-0.31	27.05	-17.52	-31.20
795	121	-0.22	2.79	-0.22	-2.42	65.06	-24.74
	125	-0.22	2.88	-0.16	41.94	100.18	-29.22
	44	3.23e-002	2.88	-0.35	14.07	69.73	-38.17
	122	3.23e-002	2.79	-0.41	10.53	115.60	-33.70
796	117	-8.20e-002	1.97	0.71	-26.13	57.51	-13.14
	121	-8.20e-002	2.79	2.13e-002	1.36	59.98	-20.19

	122	0.12	2.79	-6.30e-002	1.67	118.37	-16.22
	57	0.12	1.97	0.63	-49.96	116.08	-9.17
797	113	-0.10	0.35	0.28	-39.68	73.36	2.28
	117	-0.10	1.97	0.73	-28.78	58.35	-13.52
	57	-0.61	1.97	9.99e-001	-77.71	98.31	27.75
	114	-0.61	0.35	0.55	-38.16	28.28	43.55
798	108	0.22	0.35	-4.51e-002	-31.36	53.34	7.27
	113	0.22	0.35	8.68e-002	-32.78	65.40	10.08
	114	-1.54	0.35	6.31e-002	-33.58	20.14	19.85
	109	-1.54	0.35	-6.87e-002	-22.12	19.18	17.03
799	104	-0.12	1.88	-0.67	-15.63	35.11	19.31
	108	-0.12	0.35	-0.24	-28.14	52.70	13.73
	109	-0.63	0.35	-0.54	-25.86	21.51	0.79
	56	-0.63	1.88	-0.96	-34.67	56.35	6.37
800	100	-0.11	2.53	5.51e-003	6.86	20.68	19.25
	104	-0.11	1.88	-0.66	-8.55	31.55	18.25
	56	8.62e-002	1.88	-0.58	-21.24	64.72	22.64
	101	8.62e-002	2.53	8.14e-002	16.19	70.32	23.65
801	88	-0.23	2.19	7.05e-002	20.64	26.21	20.43
	100	-0.23	2.53	0.14	12.37	19.36	20.64
	101	3.43e-002	2.53	0.46	19.55	67.75	33.60
	49	3.43e-002	2.19	0.38	14.16	45.35	33.39
802	84	0.20	1.11	0.35	15.54	15.64	22.41
	88	0.20	2.19	2.45e-002	25.41	28.47	20.71
	49	0.42	2.19	0.43	6.56	-30.86	20.19
	85	0.42	1.11	0.76	26.65	-17.58	21.89
803	96	0.24	-0.22	-0.50	4.61	2.24	7.63
	84	0.24	1.11	0.19	7.95	8.98	19.58
	85	0.33	1.11	0.51	21.38	-10.95	20.42
	48	0.33	-0.22	-0.17	23.49	-5.46	8.47
804	92	0.14	0.11	-1.11	4.11	-0.84	-7.59
	96	0.14	-0.22	-0.62	1.73	0.11	4.06
	48	0.66	-0.22	-0.93	21.99	-3.35	2.12
	93	0.66	0.11	-1.42	10.95	0.93	-9.53
805	80	-8.24e-002	0.52	-0.63	2.22	4.99	-7.77
	92	-8.24e-002	0.11	-1.10	0.52	3.38	-8.25
	93	-0.59	0.11	-1.42	6.39	-1.61	-12.88
	39	-0.59	0.52	-0.96	-4.76	4.74	-12.40
806	75	-0.21	-0.64	0.29	-0.10	1.39	0.14
	80	-0.21	0.52	-0.48	0.82	7.00	-6.90
	39	-0.31	0.52	-0.20	-11.13	5.44	-10.30
	77	-0.31	-0.64	0.57	-7.17	16.07	-3.26
807	76	-0.22	-1.62	0.13	-6.79	-24.50	7.81e-003
	75	-0.22	-0.64	0.51	3.78	-3.01	-0.21
	77	-0.45	-0.64	0.83	-21.56	22.88	-2.28
	38	-0.45	-1.62	0.46	17.55	46.20	-2.06

SFORZI "Vx" (Fase 1)

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
206	230	-31.94	0.00	0.00	0.00	0.00	0.00
	234	31.94	0.00	0.00	0.00	0.00	0.00
207	232	-87.29	0.00	0.00	0.00	0.00	0.00
	238	87.29	0.00	0.00	0.00	0.00	0.00
208	319	-58.15	0.00	0.00	0.00	0.00	0.00
	322	58.15	0.00	0.00	0.00	0.00	0.00
209	285	27.88	0.00	0.00	0.00	0.00	0.00
	286	-27.88	0.00	0.00	0.00	0.00	0.00
210	456	54.36	0.00	0.00	0.00	0.00	0.00

	470	-54.36	0.00	0.00	0.00	0.00	0.00
211	458	18.90	0.00	0.00	0.00	0.00	0.00
	474	-18.90	0.00	0.00	0.00	0.00	0.00
212	460	-20.87	0.00	0.00	0.00	0.00	0.00
	478	20.87	0.00	0.00	0.00	0.00	0.00
213	462	-45.44	0.00	0.00	0.00	0.00	0.00
	482	45.44	0.00	0.00	0.00	0.00	0.00
214	464	-44.00	0.00	0.00	0.00	0.00	0.00
	486	44.00	0.00	0.00	0.00	0.00	0.00
215	12	-11.71	0.00	0.00	0.00	0.00	0.00
	16	11.71	0.00	0.00	0.00	0.00	0.00
216	466	-11.92	0.00	0.00	0.00	0.00	0.00
	490	11.92	0.00	0.00	0.00	0.00	0.00
371	137	-72.04	0.00	0.00	0.00	0.00	0.00
	135	72.04	0.00	0.00	0.00	0.00	0.00
11	681	-13.84	-2.43	-0.20	-0.24	6.67	-255.77
	63	13.84	2.43	0.20	0.24	9.14	64.74
12	66	-13.55	1.68	0.12	0.39	-5.67	-124.10
	681	13.55	-1.68	-0.12	-0.39	-4.09	256.35
13	681	21.20	2.93	-0.12	-0.17	3.61	238.53
	65	-21.20	-2.93	0.12	0.17	5.85	-8.19
14	64	20.88	-1.18	0.18	0.42	-7.81	146.21
	681	-20.88	1.18	-0.18	-0.42	-6.19	-239.15
15	679	-21.41	-46.58	-4.36	0.00	740.49	-2571.99
	627	21.41	5.88	4.36	0.00	-261.35	-313.24
16	20	-21.41	-72.48	-4.36	8.88e-016	1045.39	-6739.04
	679	21.41	46.58	4.36	-8.88e-016	-740.49	2571.99
17	678	25.98	-43.72	-4.61	2.84e-014	783.80	-2086.19
	625	-25.98	3.02	4.61	-2.84e-014	-276.63	-484.70
18	10	25.98	-69.62	-4.61	-5.68e-014	1106.53	-6053.21
	678	-25.98	43.72	4.61	5.68e-014	-783.80	2086.19
19	627	-21.41	-5.88	-4.36	0.00	261.35	313.24
	710	21.41	-16.32	4.36	0.00	0.00	0.00
20	625	25.98	-3.02	-4.61	0.00	276.63	484.70
	60	-25.98	-19.18	4.61	0.00	0.00	0.00
21	138	-1.22	-45.86	-5.91	0.00	1417.42	-6399.44
	701	1.22	7.46	5.91	0.00	0.00	0.00
22	134	-87.60	-48.47	-6.52	0.00	1565.33	-7024.95
	698	87.60	10.07	6.52	0.00	0.00	0.00
23	624	8.49	-114.30	0.80	1.06	-22.39	-6339.69
	623	-8.49	114.30	-0.80	-1.06	-66.68	-6461.36
24	624	-33.17	-49.89	3.40	0.00	-339.91	-4988.66
	703	33.17	49.89	-3.40	0.00	0.00	0.00
25	696	-147.46	-41.39	2.60	-22.39	-703.38	-4444.02
	624	147.46	41.39	-2.60	22.39	338.84	-1351.03
26	623	26.25	-45.15	-2.30	0.00	229.97	-4515.22
	702	-26.25	45.15	2.30	0.00	0.00	0.00
27	697	140.54	-53.65	-1.50	-66.68	439.54	-5564.24
	623	-140.54	53.65	1.50	66.68	-228.91	-1946.14
28	166	21.41	-4.19e-002	164.97	-0.73	7.29	-1.42
	110	-21.41	4.19e-002	-164.97	0.73	-13204.83	-1.94
29	118	21.41	-4.19e-002	164.97	-0.73	-13190.25	-4.77
	166	-21.41	4.19e-002	-164.97	0.73	-7.29	1.42

30	158	19.49	-1.54e-004	163.82	-0.73	-3.68	-1.64e-002
	69	-19.49	1.54e-004	-163.82	0.73	-13101.67	4.09e-003
31	74	19.49	-1.54e-004	163.82	-0.73	-13109.03	-2.87e-002
	158	-19.49	1.54e-004	-163.82	0.73	3.68	1.64e-002
32	153	21.82	6.94e-006	125.93	-0.73	0.75	-1.71e-004
	70	-21.82	-6.94e-006	-125.93	0.73	-10074.77	7.26e-004
33	81	21.82	6.94e-006	125.93	-0.73	-10073.27	3.84e-004
	153	-21.82	-6.94e-006	-125.93	0.73	-0.75	1.71e-004
34	145	21.44	-6.29e-005	74.90	-0.73	-4.64e-002	-1.77e-006
	73	-21.44	6.29e-005	-74.90	0.73	-5991.81	-5.03e-003
35	89	21.44	-6.29e-005	74.90	-0.73	-5991.90	-5.03e-003
	145	-21.44	6.29e-005	-74.90	0.73	4.64e-002	1.77e-006
36	136	13.45	-1.72e-002	38.56	-0.73	8.88	-2.07e-008
	97	-13.45	1.72e-002	-38.56	0.73	-3093.83	-1.38
37	105	13.45	-1.72e-002	38.56	-0.73	-3076.08	-1.38
	136	-13.45	1.72e-002	-38.56	0.73	-8.88	2.07e-008
38	118	-403.20	1.26e-002	-278.30	1.41	8512.06	1.24
	74	403.20	-1.26e-002	199.19	-1.41	7630.30	-0.39
39	579	-568.17	-2.93e-002	-277.38	6.18	0.00	0.00
	118	568.17	2.93e-002	256.89	-6.18	4678.19	-0.51
40	110	403.20	-1.26e-002	-257.99	1.38	8219.86	-1.24
	69	-403.20	1.26e-002	217.42	-1.38	7851.81	0.39
41	516	568.17	2.93e-002	-289.91	3.31	0.00	0.00
	110	-568.17	-2.93e-002	279.40	-3.31	4984.97	0.51
42	105	3.64e-012	3.00e-002	-20.49	4.44e-016	179.41	0.53
	68	-3.64e-012	-3.00e-002	-6.28e-011	-4.44e-016	1.93e-010	0.00
43	89	-38.56	1.28e-002	-86.15	1.38	253.78	0.66
	105	38.56	-1.28e-002	7.04	-1.38	2896.66	0.20
44	97	9.09e-013	-3.00e-002	-10.51	2.22e-016	92.01	-0.53
	67	-9.09e-013	3.00e-002	6.37e-012	-2.22e-016	6.80e-010	-3.64e-012
45	73	38.56	-1.28e-002	-64.52	1.38	-10.74	-0.66
	97	-38.56	1.28e-002	23.95	-1.38	3001.82	-0.20
46	81	-113.46	1.27e-002	-152.61	1.38	2425.08	0.89
	89	113.46	-1.27e-002	64.71	-1.38	5738.12	6.71e-002
47	74	-239.39	1.27e-002	-218.68	1.38	5478.73	1.12
	81	239.39	-1.27e-002	130.79	-1.38	7648.18	-0.16
48	70	113.46	-1.27e-002	-131.03	1.38	2148.16	-0.89
	73	-113.46	1.27e-002	85.96	-1.38	6002.55	-6.71e-002
49	69	239.39	-1.27e-002	-197.93	1.38	5249.86	-1.12
	70	-239.39	1.27e-002	152.86	-1.38	7926.60	0.16
50	63	-40.92	0.11	-5.56e-002	-0.17	-0.14	-174.27
	700	40.92	-0.11	5.56e-002	0.17	4.12	182.09
51	698	13.41	7.46	-8.96e-003	0.40	-0.88	761.76
	66	-13.41	-7.46	8.96e-003	-0.40	1.52	-228.06
52	65	41.58	-2.45e-002	-2.26e-002	-0.15	-0.31	80.14
	701	-41.58	2.45e-002	2.26e-002	0.15	1.93	-81.89
53	699	-14.95	-7.41	2.31e-002	0.41	-2.77	-738.85
	64	14.95	7.41	-2.31e-002	-0.41	1.11	208.68
54	65	-5.15	1.75	-0.53	0.27	11.85	95.35
	710	5.15	-1.75	0.53	-0.27	16.89	-1.01
55	63	12.34	-3.31	-0.16	9.30e-002	8.92	-220.57
	65	-12.34	3.31	0.16	-9.30e-002	8.76	-149.77
56	58	34.82	2.47	-0.60	0.43	20.19	-1.85

	63	-34.82	-2.47	0.60	-0.43	12.30	135.45
57	66	-10.47	6.27	0.10	-0.49	-1.35	347.18
	60	10.47	-6.27	-0.10	0.49	-4.00	-8.75
58	64	10.00	-10.96	7.04e-002	0.81	-3.96	-619.35
	66	-10.00	10.96	-7.04e-002	-0.81	-3.93	-607.83
59	59	37.06	6.46	0.23	-0.44	-9.16	-8.94
	64	-37.06	-6.46	-0.23	0.44	-3.49	357.53
60	706	-2.08	10.30	-0.57	-0.13	14.07	14.82
	66	2.08	-10.30	0.57	0.13	12.52	469.25
61	66	16.15	-1.15	3.14e-002	-0.22	-3.09	-231.30
	65	-16.15	1.15	-3.14e-002	0.22	-0.36	104.32
62	65	3.40	-3.25	1.21	-5.23e-002	-25.78	-151.38
	702	-3.40	3.25	-1.21	5.23e-002	-31.17	-1.33
63	63	-6.84	4.17	1.40	-0.20	-30.42	193.40
	703	6.84	-4.17	-1.40	0.20	-35.57	2.73
64	64	-24.35	0.94	2.26e-002	-0.29	-2.70	226.85
	63	24.35	-0.94	-2.26e-002	0.29	0.21	-123.98
65	707	0.15	-10.26	-0.75	-0.17	18.57	-14.46
	64	-0.15	10.26	0.75	0.17	16.84	-467.54
77	702	-35.35	11.16	-4.00	0.92	-123.37	539.31
	701	35.35	-11.16	4.00	-0.92	339.29	63.50
78	703	8.59	-11.83	-2.90	-0.41	170.17	-786.03
	702	-8.59	11.83	2.90	0.41	154.54	-539.26
79	700	57.07	17.16	-6.34	2.33	477.03	140.48
	703	-57.07	-17.16	6.34	-2.33	-134.60	786.23
80	706	-8.47	72.55	1.56	-6.44	94.53	3334.92
	698	8.47	-72.55	-1.56	6.44	-178.67	583.00
81	707	9.63	-59.45	1.91	8.39	-105.25	-3323.75
	706	-9.63	59.45	-1.91	-8.39	-108.60	-3335.05
82	699	27.58	72.02	4.24	-6.08	-315.55	565.36
	707	-27.58	-72.02	-4.24	6.08	86.67	3323.58
83	710	-25.41	-9.92	11.46	-1.63	-197.49	-520.74
	701	25.41	9.92	-11.46	1.63	-341.22	54.57
84	60	-21.59	9.74	0.29	-0.62	-212.16	550.80
	710	21.59	-9.74	-0.29	0.62	180.60	521.01
85	698	-16.88	-22.50	-8.42	8.14	179.54	-506.25
	60	16.88	22.50	8.42	-8.14	216.15	-551.29
86	58	27.90	6.66	17.16	-3.02	-325.25	434.86
	700	-27.90	-6.66	-17.16	3.02	-481.15	-121.74
87	59	24.82	-8.79	-0.29	-1.17	-272.97	-531.83
	58	-24.82	8.79	0.29	1.17	305.06	-435.29
88	699	20.40	21.77	-12.78	7.77	318.32	490.84
	59	-20.40	-21.77	12.78	-7.77	282.13	532.27
89	708	-24.10	-123.26	4.18	0.00	-1003.78	-8846.15
	59	24.10	-49.54	-4.18	0.00	0.00	0.00
90	709	17.93	-120.53	3.68	0.00	-883.63	-8190.94
	58	-17.93	-52.27	-3.68	0.00	0.00	0.00
95	704	-141.73	-18.71	2.48	0.00	-594.65	-4489.69
	707	141.73	18.71	-2.48	0.00	0.00	0.00
96	705	142.31	-18.67	-1.73	0.00	415.41	-4480.03
	706	-142.31	18.67	1.73	0.00	0.00	0.00
101	142	86.38	-70.85	6.33	0.00	-1520.01	-8075.71
	699	-86.38	-3.55	-6.33	0.00	0.00	0.00

102	131	10.39	-65.31	5.35	0.00	-1284.18	-6747.51
	700	-10.39	-9.09	-5.35	0.00	0.00	0.00
217	280	300.19	-24.39	-6.91	-0.45	236.56	-1018.93
	274	-300.19	24.39	6.91	0.45	358.06	-1078.96
218	127	-82.45	-45.29	34.35	0.72	-1544.85	-1906.14
	616	82.45	45.29	-34.35	-0.72	-1409.40	-1989.00
219	404	40.92	-155.70	-1.07	-0.14	141.02	-6999.15
	428	-40.92	155.70	1.07	0.14	-45.14	-7013.85
224	62	-5.01	-48.80	-12.87	1.13	468.69	-2108.86
	608	5.01	48.80	12.87	-1.13	637.86	-2088.34
225	112	87.10	-52.93	14.88	1.49	-706.93	-2271.98
	612	-87.10	52.93	-14.88	-1.49	-572.78	-2280.00
226	400	63.43	-154.56	5.98	-0.36	-241.43	-6951.63
	420	-63.43	154.56	-5.98	0.36	-296.77	-6958.79
227	396	71.55	-118.76	10.89	-0.17	-509.44	-5346.21
	412	-71.55	118.76	-10.89	0.17	-470.88	-5342.52
686	288	-0.96	-34.41	-22.44	-0.55	885.28	-1442.48
	283	0.96	34.41	22.44	0.55	1044.17	-1517.09
91	709	-14.21	24.60	29.46	1508.37	1348.20	449.76
	40	14.21	-24.60	-29.46	-1508.37	-2084.69	165.22
92	132	-58.89	49.65	-53.03	1012.34	2127.80	709.08
	709	58.89	-49.65	53.03	-1012.34	-1491.49	-113.27
93	708	104.23	-16.97	-41.02	-427.22	3328.17	-537.44
	53	-104.23	16.97	41.02	427.22	-2302.57	113.29
94	139	141.23	-51.65	-26.47	1026.05	4353.01	-883.13
	708	-141.23	51.65	26.47	-1026.05	-4035.40	263.28
97	705	-746.86	-200.38	-4.62	169.79	-822.12	2514.62
	150	746.86	200.38	4.62	-169.79	872.97	-4718.79
98	5	-316.47	-35.21	0.20	6.85	-701.31	456.62
	705	316.47	35.21	-0.20	-6.85	696.52	-1301.57
99	704	704.70	195.20	9.12	-80.98	761.01	-2478.59
	147	-704.70	-195.20	-9.12	80.98	-861.28	4625.78
100	160	283.43	32.36	-3.79	-13.41	768.20	-431.52
	704	-283.43	-32.36	3.79	13.41	-677.34	1208.26
103	697	-9.11	47.68	-0.62	59.28	4.32	200.85
	146	9.11	-47.68	0.62	-59.28	-0.59	85.20
104	25	129.49	34.14	-4.85	31.51	185.81	-87.86
	697	-129.49	-34.14	4.85	-31.51	-69.31	907.15
105	696	7.33	-36.88	-2.22	191.87	16.64	-146.64
	143	-7.33	36.88	2.22	-191.87	-3.29	-74.63
106	33	-84.56	-35.74	-14.48	142.29	606.55	14.70
	696	84.56	35.74	14.48	-142.29	-259.15	-872.36
107	205	2.63e-006	-8.58e-010	-2.61e-011	3.81e-009	1.54e-009	4.64e-009
	222	-2.63e-006	8.58e-010	2.61e-011	-3.81e-009	-7.60e-010	-3.04e-008
108	212	-2.46e-006	-7.64e-010	-1.15e-010	6.16e-009	-6.29e-009	-3.25e-008
	204	2.46e-006	7.64e-010	1.15e-010	-6.16e-009	9.74e-009	9.56e-009
109	312	5.02e-006	-2.43e-009	3.11e-010	-2.54e-010	-5.03e-009	-2.52e-008
	205	-5.02e-006	2.43e-009	-3.11e-010	2.54e-010	-5.34e-009	-5.59e-008
110	308	5.19e-007	6.64e-010	2.35e-010	1.64e-009	-9.43e-009	1.20e-008
	312	-5.19e-007	-6.64e-010	-2.35e-010	-1.64e-009	1.61e-009	1.01e-008
111	204	-4.03e-006	-2.59e-009	3.31e-010	1.05e-009	-1.76e-008	-5.41e-008
	308	4.03e-006	2.59e-009	-3.31e-010	-1.05e-009	6.53e-009	-3.21e-008
112	32	2.47e-006	4.22e-011	4.60e-010	-2.02e-008	-2.38e-008	-1.26e-008

	143	-2.47e-006	-4.22e-011	-4.60e-010	2.02e-008	6.72e-009	1.42e-008
113	30	4.87e-006	6.26e-010	-5.68e-012	-4.60e-008	-1.81e-008	2.96e-009
	32	-4.87e-006	-6.26e-010	5.68e-012	4.60e-008	1.84e-008	2.02e-008
114	364	1.02e-005	-3.24e-009	-1.35e-009	-9.04e-008	1.68e-008	-9.75e-008
	30	-1.02e-005	3.24e-009	1.35e-009	9.04e-008	3.31e-008	-2.23e-008
115	27	-2.40e-006	3.58e-010	-1.40e-010	-6.20e-009	8.87e-009	-1.12e-008
	146	2.40e-006	-3.58e-010	1.40e-010	6.20e-009	-3.68e-009	2.44e-008
116	26	-2.69e-006	3.24e-010	3.97e-011	-1.67e-008	4.85e-009	2.67e-009
	27	2.69e-006	-3.24e-010	-3.97e-011	1.67e-008	-6.32e-009	9.33e-009
117	365	-5.15e-006	-1.68e-009	8.44e-010	-3.68e-008	-1.46e-008	-5.02e-008
	26	5.15e-006	1.68e-009	-8.44e-010	3.68e-008	-1.66e-008	-1.20e-008
118	3	8.18e-006	-6.04e-009	5.16e-011	-1.05e-008	-1.29e-009	-3.21e-008
	150	-8.18e-006	6.04e-009	-5.16e-011	1.05e-008	-6.22e-010	-1.91e-007
119	168	2.34e-006	1.50e-010	1.46e-011	-6.51e-011	-3.90e-010	-2.09e-009
	3	-2.34e-006	-1.50e-010	-1.46e-011	6.51e-011	-1.50e-010	7.65e-009
120	367	1.29e-006	2.03e-010	5.32e-012	2.84e-009	2.00e-010	9.64e-009
	168	-1.29e-006	-2.03e-010	-5.32e-012	-2.84e-009	-3.97e-010	-2.13e-009
121	428	-4.75e-007	-1.10e-009	-2.02e-012	4.31e-009	3.09e-010	-3.87e-008
	367	4.75e-007	1.10e-009	2.02e-012	-4.31e-009	-2.15e-010	-1.26e-008
122	426	2.72e-006	-1.21e-009	-3.11e-012	5.06e-009	4.96e-010	-1.15e-008
	428	-2.72e-006	1.21e-009	3.11e-012	-5.06e-009	-3.52e-010	-4.49e-008
123	424	4.44e-007	2.59e-010	3.78e-012	6.27e-009	7.96e-011	5.31e-009
	426	-4.44e-007	-2.59e-010	-3.78e-012	-6.27e-009	-2.56e-010	6.73e-009
124	422	-8.19e-007	2.73e-010	-6.79e-013	7.28e-009	-3.23e-010	6.15e-009
	424	8.19e-007	-2.73e-010	6.79e-013	-7.28e-009	3.54e-010	6.56e-009
125	420	-3.21e-006	-9.94e-010	-3.74e-011	8.49e-009	9.14e-010	-4.01e-008
	422	3.21e-006	9.94e-010	3.74e-011	-8.49e-009	8.28e-010	-6.12e-009
126	418	-6.78e-007	-1.12e-009	2.08e-011	6.62e-009	-1.31e-010	-1.56e-008
	420	6.78e-007	1.12e-009	-2.08e-011	-6.62e-009	-8.35e-010	-3.63e-008
127	416	-3.61e-006	3.60e-010	2.36e-012	7.93e-009	-3.34e-010	5.26e-010
	418	3.61e-006	-3.60e-010	-2.36e-012	-7.93e-009	2.24e-010	1.62e-008
128	414	-5.46e-006	3.52e-010	-3.18e-012	8.72e-009	-7.18e-010	-6.08e-010
	416	5.46e-006	-3.52e-010	3.18e-012	-8.72e-009	8.65e-010	1.70e-008
129	412	-8.08e-006	-5.98e-010	-5.10e-011	1.00e-008	8.40e-010	-3.71e-008
	414	8.08e-006	5.98e-010	5.10e-011	-1.00e-008	1.53e-009	9.24e-009
130	410	-6.94e-006	-7.53e-010	5.57e-011	6.62e-009	-2.05e-009	-2.10e-008
	412	6.94e-006	7.53e-010	-5.57e-011	-6.62e-009	-5.46e-010	-1.40e-008
131	408	-1.00e-005	4.43e-010	2.64e-011	9.32e-009	-3.33e-009	-8.81e-009
	410	1.00e-005	-4.43e-010	-2.64e-011	-9.32e-009	2.10e-009	2.94e-008
132	406	-1.22e-005	3.70e-010	-2.23e-011	1.24e-008	-3.33e-009	-1.39e-008
	408	1.22e-005	-3.70e-010	2.23e-011	-1.24e-008	4.37e-009	3.12e-008
133	293	-1.73e-005	-2.64e-009	-3.99e-010	1.55e-008	1.12e-008	-1.08e-007
	406	1.73e-005	2.64e-009	3.99e-010	-1.55e-008	7.34e-009	-1.52e-008
134	164	-7.89e-006	-6.05e-009	1.43e-010	7.42e-009	-7.94e-009	-3.37e-008
	147	7.89e-006	6.05e-009	-1.43e-010	-7.42e-009	2.66e-009	-1.90e-007
135	163	-2.00e-006	1.95e-010	4.17e-011	-2.44e-009	-8.55e-009	-2.19e-009
	164	2.00e-006	-1.95e-010	-4.17e-011	2.44e-009	7.01e-009	9.40e-009
136	366	-1.11e-006	1.86e-010	-1.32e-011	-7.45e-009	-6.75e-009	9.40e-009
	163	1.11e-006	-1.86e-010	1.32e-011	7.45e-009	7.23e-009	-2.53e-009
137	404	5.89e-007	-1.23e-009	-2.92e-011	-1.13e-008	-4.63e-009	-4.14e-008
	366	-5.89e-007	1.23e-009	2.92e-011	1.13e-008	5.99e-009	-1.56e-008
138	403	-2.76e-006	-1.15e-009	-1.06e-011	-1.15e-008	-4.65e-009	-9.71e-009
	404	2.76e-006	1.15e-009	1.06e-011	1.15e-008	5.14e-009	-4.39e-008

139	402	-6.95e-007	2.13e-010	-3.59e-011	-1.09e-008	-2.49e-009	5.12e-009
	403	6.95e-007	-2.13e-010	3.59e-011	1.09e-008	4.16e-009	4.77e-009
140	401	5.84e-007	2.38e-010	-3.13e-011	-9.68e-009	-2.03e-010	5.68e-009
	402	-5.84e-007	-2.38e-010	3.13e-011	9.68e-009	1.66e-009	5.41e-009
141	400	3.12e-006	-1.19e-009	1.58e-011	-8.19e-009	-1.52e-010	-4.56e-008
	401	-3.12e-006	1.19e-009	-1.58e-011	8.19e-009	-5.85e-010	-9.88e-009
142	399	3.61e-007	-1.03e-009	-2.77e-011	-8.68e-009	7.73e-010	-1.42e-008
	400	-3.61e-007	1.03e-009	2.77e-011	8.68e-009	5.14e-010	-3.38e-008
143	398	2.79e-006	2.86e-010	-1.93e-011	-5.46e-009	1.56e-009	-4.00e-010
	399	-2.79e-006	-2.86e-010	1.93e-011	5.46e-009	-6.56e-010	1.37e-008
144	397	4.42e-006	3.01e-010	-1.85e-011	-2.34e-009	3.06e-009	-8.77e-010
	398	-4.42e-006	-3.01e-010	1.85e-011	2.34e-009	-2.20e-009	1.49e-008
145	396	7.13e-006	-8.16e-010	3.87e-011	1.35e-009	2.16e-009	-4.22e-008
	397	-7.13e-006	8.16e-010	-3.87e-011	-1.35e-009	-3.96e-009	4.18e-009
146	395	5.84e-006	-6.33e-010	-6.88e-011	4.97e-010	5.23e-009	-1.82e-008
	396	-5.84e-006	6.33e-010	6.88e-011	-4.97e-010	-2.03e-009	-1.13e-008
147	394	8.62e-006	3.93e-010	-4.28e-011	6.49e-009	7.25e-009	-9.09e-009
	395	-8.62e-006	-3.93e-010	4.28e-011	-6.49e-009	-5.26e-009	2.74e-008
148	393	1.08e-005	3.40e-010	8.03e-012	1.28e-008	8.03e-009	-1.44e-008
	394	-1.08e-005	-3.40e-010	-8.03e-012	-1.28e-008	-8.40e-009	3.02e-008
149	292	1.59e-005	-2.54e-009	4.72e-010	2.22e-008	-9.36e-009	-1.04e-007
	393	-1.59e-005	2.54e-009	-4.72e-010	-2.22e-008	-1.26e-008	-1.41e-008
150	221	1.09e-005	-5.02e-009	1.40e-010	-6.54e-009	4.00e-009	-3.37e-008
	205	-1.09e-005	5.02e-009	-1.40e-010	6.54e-009	-8.05e-009	-1.12e-007
151	219	5.09e-006	6.61e-010	5.73e-011	-5.78e-009	1.41e-009	1.80e-008
	221	-5.09e-006	-6.61e-010	-5.73e-011	5.78e-009	-3.93e-009	1.10e-008
152	217	1.91e-006	6.23e-010	6.20e-011	-4.08e-009	-2.17e-009	1.25e-008
	219	-1.91e-006	-6.23e-010	-6.20e-011	4.08e-009	-5.55e-010	1.49e-008
153	180	-1.19e-006	5.50e-010	2.94e-011	-6.67e-010	-4.49e-009	2.87e-009
	217	1.19e-006	-5.50e-010	-2.94e-011	6.67e-010	3.20e-009	2.13e-008
154	57	-6.19e-006	-1.33e-009	-2.30e-010	5.73e-009	3.56e-009	-5.77e-008
	180	6.19e-006	1.33e-009	2.30e-010	-5.73e-009	7.70e-009	-7.27e-009
155	215	-1.30e-005	-5.33e-009	-3.11e-010	-1.39e-008	1.30e-009	-3.44e-008
	204	1.30e-005	5.33e-009	3.11e-010	1.39e-008	7.72e-009	-1.20e-007
156	214	-7.02e-006	6.53e-010	-3.89e-011	-5.83e-009	9.41e-010	1.93e-008
	215	7.02e-006	-6.53e-010	3.89e-011	5.83e-009	7.70e-010	9.49e-009
157	213	-3.75e-006	6.47e-010	-4.50e-011	-9.10e-012	3.21e-009	1.45e-008
	214	3.75e-006	-6.47e-010	4.50e-011	9.10e-012	-1.23e-009	1.40e-008
158	179	-3.12e-007	6.01e-010	-3.67e-011	6.30e-009	6.28e-009	4.56e-009
	213	3.12e-007	-6.01e-010	3.67e-011	-6.30e-009	-4.66e-009	2.19e-008
159	56	5.03e-006	-1.23e-009	2.60e-010	1.49e-008	-1.74e-009	-5.49e-008
	179	-5.03e-006	1.23e-009	-2.60e-010	-1.49e-008	-1.10e-008	-5.12e-009
160	42	2.30e-006	-7.03	-7.33e-010	-7.64e-008	-3.64e-009	-43.35
	132	-2.30e-006	-7.03	7.33e-010	7.64e-008	3.08e-008	43.35
161	41	2.51e-006	-7.03	1.62e-010	-5.15e-008	-1.05e-008	-43.35
	42	-2.51e-006	-7.03	-1.62e-010	5.15e-008	4.52e-009	43.35
162	357	2.74e-006	-7.03	1.96e-010	-3.63e-008	-1.75e-008	-43.35
	41	-2.74e-006	-7.03	-1.96e-010	3.63e-008	1.02e-008	43.35
163	616	1.29e-006	-8.84	-3.10e-010	-2.56e-008	1.77e-009	-68.58
	357	-1.29e-006	-8.84	3.10e-010	2.56e-008	1.26e-008	68.58
164	615	4.68e-007	-8.84	-1.11e-010	-2.92e-008	-5.27e-009	-68.58
	616	-4.68e-007	-8.84	1.11e-010	2.92e-008	1.04e-008	68.58
165	614	-1.26e-006	-8.84	1.81e-010	-1.72e-008	-4.76e-009	-68.58

	615	1.26e-006	-8.84	-1.81e-010	1.72e-008	-3.65e-009	68.58
166	613	-2.14e-006	-8.84	1.74e-010	-8.79e-009	-4.13e-009	-68.58
	614	2.14e-006	-8.84	-1.74e-010	8.79e-009	-3.98e-009	68.58
167	612	-3.04e-006	-8.84	-1.56e-010	-2.55e-009	8.22e-009	-68.58
	613	3.04e-006	-8.84	1.56e-010	2.55e-009	-9.39e-010	68.58
168	611	-2.33e-006	-8.84	-3.44e-010	-4.66e-009	3.08e-009	-68.58
	612	2.33e-006	-8.84	3.44e-010	4.66e-009	1.29e-008	68.58
169	610	-3.56e-006	-8.84	2.16e-010	-2.00e-009	-3.97e-009	-68.58
	611	3.56e-006	-8.84	-2.16e-010	2.00e-009	-6.09e-009	68.58
170	609	-4.36e-006	-8.84	2.14e-010	-1.17e-009	-4.17e-009	-68.58
	610	4.36e-006	-8.84	-2.14e-010	1.17e-009	-5.79e-009	68.58
171	608	-5.42e-006	-8.84	-2.01e-010	-2.09e-009	1.04e-008	-68.58
	609	5.42e-006	-8.84	2.01e-010	2.09e-009	-1.08e-009	68.58
172	607	-4.84e-006	-8.84	-1.93e-010	2.92e-009	1.42e-009	-68.58
	608	4.84e-006	-8.84	1.93e-010	-2.92e-009	7.54e-009	68.58
173	606	-5.84e-006	-8.84	2.09e-010	6.89e-010	-3.25e-009	-68.58
	607	5.84e-006	-8.84	-2.09e-010	-6.89e-010	-6.45e-009	68.58
174	605	-6.52e-006	-8.84	2.08e-010	-1.33e-009	-3.68e-009	-68.58
	606	6.52e-006	-8.84	-2.08e-010	1.33e-009	-5.98e-009	68.58
175	283	-7.42e-006	-8.84	-9.63e-011	-4.64e-009	7.02e-009	-68.58
	605	7.42e-006	-8.84	9.63e-011	4.64e-009	-2.54e-009	68.58
176	350	-7.08e-006	-8.11	-1.21e-010	3.19e-009	3.53e-010	-57.65
	283	7.08e-006	-8.11	1.21e-010	-3.19e-009	4.83e-009	57.65
177	349	-7.93e-006	-8.11	2.62e-010	-3.59e-010	-4.41e-009	-57.65
	350	7.93e-006	-8.11	-2.62e-010	3.59e-010	-6.78e-009	57.65
178	195	-8.66e-006	-10.96	1.36e-010	-3.24e-009	-2.43e-009	-105.31
	349	8.66e-006	-10.96	-1.36e-010	3.24e-009	-5.38e-009	105.31
179	274	-9.11e-006	-5.51	1.35e-009	-6.88e-009	-1.93e-008	-26.63
	195	9.11e-006	-5.51	-1.35e-009	6.88e-009	-1.98e-008	26.63
180	273	-9.86e-006	-8.36	-1.87e-010	-6.73e-009	2.95e-009	-61.31
	274	9.86e-006	-8.36	1.87e-010	6.73e-009	5.29e-009	61.31
181	272	-1.25e-005	-8.36	5.75e-010	-1.29e-008	-7.51e-009	-61.31
	273	1.25e-005	-8.36	-5.75e-010	1.29e-008	-1.78e-008	61.31
182	170	-1.77e-005	-8.36	-2.07e-009	-2.08e-008	7.66e-008	-61.31
	272	1.77e-005	-8.36	2.07e-009	2.08e-008	1.43e-008	61.31
183	52	-2.26e-006	-7.03	-1.02e-009	-6.24e-008	1.59e-009	-43.35
	139	2.26e-006	-7.03	1.02e-009	6.24e-008	3.63e-008	43.35
184	50	-1.53e-006	-7.03	-1.24e-010	-3.13e-008	1.79e-009	-43.35
	52	1.53e-006	-7.03	1.24e-010	3.13e-008	2.79e-009	43.35
185	362	-1.87e-006	-7.03	-9.35e-011	-2.43e-008	-2.83e-009	-43.35
	50	1.87e-006	-7.03	9.35e-011	2.43e-008	6.29e-009	43.35
186	127	-1.96e-006	-8.84	-3.08e-010	-1.40e-008	6.64e-009	-68.58
	362	1.96e-006	-8.84	3.08e-010	1.40e-008	7.67e-009	68.58
187	124	-3.29e-006	-8.84	-4.87e-010	-2.20e-008	1.91e-009	-68.58
	127	3.29e-006	-8.84	4.87e-010	2.20e-008	2.08e-008	68.58
188	120	-2.70e-006	-8.84	-1.00e-011	-1.61e-008	-3.51e-009	-68.58
	124	2.70e-006	-8.84	1.00e-011	1.61e-008	3.97e-009	68.58
189	116	-2.26e-006	-8.84	-1.41e-011	-1.20e-008	-2.40e-009	-68.58
	120	2.26e-006	-8.84	1.41e-011	1.20e-008	3.05e-009	68.58
190	112	-1.49e-006	-8.84	-5.70e-010	-6.94e-009	1.74e-008	-68.58
	116	1.49e-006	-8.84	5.70e-010	6.94e-009	9.14e-009	68.58
191	107	-2.86e-006	-8.84	-3.91e-010	-1.04e-008	3.80e-009	-68.58
	112	2.86e-006	-8.84	3.91e-010	1.04e-008	1.44e-008	68.58

192	103	-2.68e-006	-8.84	-8.70e-011	-7.68e-009	1.59e-009	-68.58
	107	2.68e-006	-8.84	8.70e-011	7.68e-009	2.46e-009	68.58
193	99	-2.66e-006	-8.84	-9.77e-011	-5.52e-009	2.22e-009	-68.58
	103	2.66e-006	-8.84	9.77e-011	5.52e-009	2.32e-009	68.58
194	62	-2.32e-006	-8.84	-4.92e-010	-3.55e-009	1.70e-008	-68.58
	99	2.32e-006	-8.84	4.92e-010	3.55e-009	5.94e-009	68.58
195	622	-3.62e-006	-8.84	-5.02e-010	2.45e-009	8.95e-009	-68.58
	62	3.62e-006	-8.84	5.02e-010	-2.45e-009	1.44e-008	68.58
196	620	-3.13e-006	-8.84	-9.74e-011	1.27e-009	5.60e-009	-68.58
	622	3.13e-006	-8.84	9.74e-011	-1.27e-009	-1.07e-009	68.58
197	618	-2.81e-006	-8.84	-8.24e-011	-2.27e-010	6.77e-009	-68.58
	620	2.81e-006	-8.84	8.24e-011	2.27e-010	-2.94e-009	68.58
198	288	-2.47e-006	-8.84	-2.85e-010	-7.96e-010	1.56e-008	-68.58
	618	2.47e-006	-8.84	2.85e-010	7.96e-010	-2.38e-009	68.58
199	354	-3.79e-006	-8.11	-2.03e-010	8.54e-009	4.11e-009	-57.65
	288	3.79e-006	-8.11	2.03e-010	-8.54e-009	4.55e-009	57.65
200	352	-4.07e-006	-8.11	1.89e-010	5.15e-009	-3.58e-009	-57.65
	354	4.07e-006	-8.11	-1.89e-010	-5.15e-009	-4.47e-009	57.65
201	200	-4.45e-006	-10.96	9.67e-011	1.52e-009	-6.75e-009	-105.31
	352	4.45e-006	-10.96	-9.67e-011	-1.52e-009	1.17e-009	105.31
202	280	-3.41e-006	-5.51	-1.98e-009	-2.78e-009	3.54e-008	-26.63
	200	3.41e-006	-5.51	1.98e-009	2.78e-009	2.20e-008	26.63
203	278	-4.72e-006	-8.36	-1.14e-010	-2.04e-009	-2.51e-009	-61.31
	280	4.72e-006	-8.36	1.14e-010	2.04e-009	7.53e-009	61.31
204	276	-4.97e-006	-8.36	-3.17e-010	-3.14e-009	6.60e-009	-61.31
	278	4.97e-006	-8.36	3.17e-010	3.14e-009	7.36e-009	61.31
205	175	-6.02e-006	-8.36	1.05e-010	-4.74e-009	-7.96e-009	-61.31
	276	6.02e-006	-8.36	-1.05e-010	4.74e-009	3.32e-009	61.31
220	14	12519.62	878.26	551.82	0.00	-5518.18	8782.55
	192	-12519.62	-878.26	-551.82	0.00	0.00	0.00
221	11	-12519.62	1016.24	-657.28	0.00	6572.84	10162.35
	191	12519.62	-1016.24	657.28	0.00	0.00	0.00
222	4	7865.10	770.62	240.89	0.00	-2408.94	7706.22
	695	-7865.10	-770.62	-240.89	0.00	0.00	0.00
223	1	-7865.10	849.66	-135.43	0.00	1354.28	8496.61
	694	7865.10	-849.66	135.43	0.00	0.00	0.00
228	20	-66.70	-1.22	21.25	213.41	-377.59	107.90
	138	66.70	1.22	-21.25	-213.41	-620.93	-165.21
229	137	-63.79	-2.42	-9.46	-232.53	24.26	2.26
	20	63.79	2.42	9.46	232.53	420.16	-116.17
230	10	-22.90	-4.28	10.65	134.08	-512.38	-84.44
	135	22.90	4.28	-10.65	-134.08	11.97	-116.86
231	134	6.84	-7.63	-26.53	-285.98	716.74	-221.65
	10	-6.84	7.63	26.53	285.98	530.37	-137.00
232	131	18.52	10.37	3.90	602.26	-2591.36	-15.00
	40	-18.52	-10.37	-3.90	-602.26	2505.63	243.06
233	53	16.85	-30.72	-13.72	291.81	1398.16	-212.59
	142	-16.85	30.72	13.72	-291.81	-1096.35	-463.26
234	33	270.30	51.70	-16.71	410.02	-824.49	67.90
	131	-270.30	-51.70	16.71	-410.02	1325.68	1483.13
235	25	-140.06	-40.18	-4.13	179.18	-254.21	-146.68
	138	140.06	40.18	4.13	-179.18	378.18	-1058.63
236	5	-324.81	-16.85	8.69	-47.71	743.53	431.20

	134	324.81	16.85	-8.69	47.71	-1004.27	-936.71
237	160	340.46	28.74	3.60	56.30	-657.44	-411.28
	142	-340.46	-28.74	-3.60	-56.30	549.44	1273.56
370	147	-35.23	-312.02	-0.15	270.57	2176.40	-14041.69
	150	35.23	312.02	0.15	-270.57	-2162.80	-14039.90
372	139	55.23	-49.26	190.32	-703.15	-10614.69	-2243.03
	132	-55.23	49.26	-190.32	703.15	-5753.00	-1993.67
Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
1	53	-6.40e-003	-0.28	0.26	-68.15	113.76	31.19
	51	-6.40e-003	0.58	0.21	-134.72	204.20	-22.04
	708	6.63e-002	-0.28	-2.87e-002	-104.12	327.99	92.30
2	708	0.38	-0.45	-2.21e-003	-238.55	197.17	-11.53
	52	0.38	1.43	-0.33	-155.45	385.80	-19.99
	139	0.58	-0.28	-0.31	-233.12	407.00	43.02
3	132	-0.69	0.16	5.06e-002	-151.86	-274.61	-170.24
	42	-0.69	-0.92	-0.52	-188.29	-111.59	-231.77
	709	-0.32	0.16	0.23	-171.82	158.93	-117.37
4	3	-1.17	-8.81	-1.22	5.17	-70.89	-9.58
	705	-1.17	2.28	1.90e-002	10.63	-39.25	-9.44
	150	-1.84	1.38	-1.60	10.22	-80.94	-0.81
5	164	2.37	7.47	-3.08	-38.00	-62.55	24.49
	147	2.37	-1.88	-0.48	-13.64	-85.42	15.32
	704	0.82	-1.88	0.91	-16.36	-4.58	8.52
6	27	0.72	-0.18	-0.44	-41.56	-12.96	-16.52
	146	0.72	3.38e-002	0.15	-17.10	1.52	-15.25
	697	0.53	3.38e-002	0.14	-16.89	-12.41	-12.91
7	32	-0.74	0.10	0.28	-111.30	-42.97	-54.04
	143	-0.74	-2.71e-002	-0.17	-30.98	6.01	-49.56
	696	-0.60	-2.71e-002	-0.16	-30.25	-43.63	-41.62
8	46	-1.69	0.11	-0.31	59.34	-154.82	9.98
	133	-1.69	-0.61	-0.57	40.84	-28.06	-9.31
	45	-1.53	7.36e-002	-0.21	52.39	75.00	48.57
9	677	-2.14	-0.81	1.10	137.91	-14.11	-41.74
	71	-2.14	0.50	1.13	-1.49	-5.05	-54.18
	680	-2.18	-0.35	0.70	81.44	-0.53	-40.39
10	72	-1.20	-0.42	0.68	80.75	-22.02	-13.68
	82	-1.20	0.19	0.90	54.60	-52.74	17.04
	79	-1.53	-0.30	0.49	98.98	12.93	-30.97
66	709	3.79e-002	-7.13e-002	0.10	9.90	170.92	239.51
	40	3.79e-002	0.24	0.23	151.18	126.17	179.48
	37	-0.34	0.24	-5.88e-003	62.34	144.55	113.24
67	42	-3.54e-002	-0.50	8.84e-002	-34.96	-143.37	161.35
	37	-3.54e-002	0.27	0.13	-122.73	-104.03	121.13
	709	-0.11	-0.25	-0.28	-103.65	-187.22	187.65
68	51	7.13e-002	-0.19	0.10	95.83	-155.09	68.87
	52	7.13e-002	0.48	0.11	4.41	-127.06	62.15
	708	5.04e-002	0.27	-0.23	27.35	-206.53	92.36
69	5	0.84	0.16	-0.27	-42.31	-5.89	-2.19
	705	0.84	-0.21	0.48	-43.43	-9.84	4.32
	2	-1.47	0.16	1.86e-002	-32.27	11.86	-8.29
70	704	0.37	-0.94	-0.22	31.94	27.81	6.71
	155	0.37	0.83	0.77	13.75	47.80	2.70
	160	-0.54	-0.42	-0.33	24.72	44.13	14.64
71	164	1.10	0.69	-0.85	-25.10	-5.89	5.63
	704	1.10	0.48	0.37	-10.13	-31.15	9.32
	155	-1.02	0.64	-0.44	-18.03	-36.91	-15.37
72	2	-0.34	0.73	-0.72	7.78	-21.26	-23.78

	705	-0.34	-1.22	0.32	-23.44	2.23	-20.39
	3	-1.72	-0.11	0.38	-3.44	5.52	-6.67
73	697	-0.17	-0.22	-0.30	7.04	3.32	-10.82
	24	-0.17	1.47	0.39	8.19	46.68	-11.83
	25	-0.80	0.28	-0.48	6.92	42.16	8.68
74	27	0.12	0.62	-0.16	-2.08	38.64	20.89
	24	0.12	-0.39	-7.92e-002	40.02	29.20	26.16
	697	-7.28e-002	0.42	0.48	12.83	17.11	10.30
75	31	-0.15	0.16	0.19	-119.02	-65.36	87.41
	32	-0.15	-0.64	1.87e-002	8.46	-100.30	69.80
	696	0.28	-0.48	0.55	-38.75	-30.51	30.24
76	31	0.24	-1.62	0.27	-0.61	-146.65	-27.96
	696	0.24	-0.13	-0.37	-6.38	-20.73	-27.36
	33	0.82	-0.57	-0.52	-4.40	-139.66	29.95
238	686	-0.26	-8.78e-003	0.30	16.66	318.74	194.75
	685	-0.26	7.82e-003	0.29	291.47	661.54	153.44
	664	-0.38	7.82e-003	0.20	486.94	156.25	321.43
	675	-0.38	-8.78e-003	0.21	-233.34	-10.04	362.74
239	641	-5.24e-002	-1.90e-002	1.14e-002	124.18	212.05	-123.97
	638	-5.24e-002	-5.67e-002	2.52e-003	739.93	235.50	-323.12
	685	-0.26	-5.67e-002	0.17	412.32	587.92	-118.01
	686	-0.26	-1.90e-002	0.18	9.69	241.81	81.13
240	684	-8.26e-003	7.69e-003	0.32	55.95	-68.84	278.73
	686	-8.26e-003	-8.78e-003	0.32	-25.94	69.13	277.75
	675	-2.01e-002	-8.78e-003	0.20	180.44	71.23	366.04
	673	-2.01e-002	7.69e-003	0.21	-151.72	-58.34	367.02
241	640	3.41e-003	1.20e-002	2.06e-002	-203.22	-70.16	-113.31
	641	3.41e-003	-1.90e-002	2.29e-002	231.66	52.99	-112.97
	686	-8.26e-003	-1.90e-002	0.20	81.44	147.77	122.23
	684	-8.26e-003	1.20e-002	0.20	-52.24	-152.87	121.90
242	644	0.25	-1.33e-002	0.31	-270.65	-661.99	153.85
	684	0.25	7.69e-003	0.31	13.17	-320.24	193.97
	673	0.34	7.69e-003	0.21	267.26	24.52	362.82
	661	0.34	-1.33e-002	0.22	-471.79	-145.42	322.70
243	637	6.33e-002	5.28e-002	1.14e-002	-719.93	-250.67	-325.36
	640	6.33e-002	1.20e-002	6.65e-003	-97.35	-229.49	-125.32
	684	0.25	1.20e-002	0.18	18.81	-247.44	79.90
	644	0.25	5.28e-002	0.19	-392.00	-596.03	-120.14
244	682	4.21e-002	-4.55e-002	3.31e-002	328.82	-160.19	-38.43
	689	4.21e-002	-7.14e-002	3.47e-002	656.66	-338.90	-58.08
	638	-5.24e-002	-7.14e-002	-1.61e-002	586.81	-124.39	-250.99
	641	-5.24e-002	-4.55e-002	-1.77e-002	347.98	-4.02	-231.34
245	635	-3.47e-002	-4.69e-002	7.99e-002	311.65	-58.66	196.00
	632	-3.47e-002	-0.11	7.93e-002	502.66	-177.63	253.24
	689	4.21e-002	-0.11	3.74e-002	643.19	-319.84	61.99
	682	4.21e-002	-4.69e-002	3.81e-002	318.80	-142.30	4.75
246	643	5.73e-003	3.61e-002	3.31e-002	-172.76	86.63	-64.15
	682	5.73e-003	-4.55e-002	3.57e-002	197.74	-108.60	-63.29
	641	3.41e-003	-4.55e-002	-6.15e-003	100.85	6.40	-168.72
	640	3.41e-003	3.61e-002	-8.77e-003	-73.64	-25.37	-169.58
247	634	3.44e-003	4.03e-002	7.28e-002	-80.27	8.38	149.84
	635	3.44e-003	-4.69e-002	7.18e-002	101.82	-22.97	150.82
	682	5.73e-003	-4.69e-002	4.07e-002	185.95	-101.51	12.70
	643	5.73e-003	4.03e-002	4.16e-002	-161.87	81.28	11.72
248	691	-2.48e-002	6.60e-002	3.87e-002	-637.50	316.98	-60.38
	643	-2.48e-002	3.61e-002	2.99e-002	-305.01	138.28	-39.94
	640	6.33e-002	3.61e-002	-2.27e-002	-322.15	-15.43	-233.07
	637	6.33e-002	6.60e-002	-1.40e-002	-567.63	105.29	-253.51
249	631	4.45e-002	0.10	7.28e-002	-487.12	163.19	249.63

	634	4.45e-002	4.03e-002	8.01e-002	-291.08	43.85	194.52
	643	-2.48e-002	4.03e-002	3.85e-002	-295.65	121.89	3.20
	691	-2.48e-002	0.10	3.11e-002	-624.73	299.17	58.31
250	693	-0.24	-3.01e-002	-8.01e-002	68.87	136.35	47.86
	687	-0.24	-8.15e-002	-5.64e-002	353.98	336.57	190.65
	632	-3.47e-002	-8.15e-002	7.69e-002	605.55	95.44	296.83
	635	-3.47e-002	-3.01e-002	5.32e-002	134.31	104.34	154.04
251	671	-0.37	-1.31e-002	-0.15	-100.98	-14.54	-117.30
	652	-0.37	-5.89e-002	-0.10	412.26	87.90	-91.22
	687	-0.24	-5.89e-002	-0.14	283.33	391.69	10.36
	693	-0.24	-1.31e-002	-0.19	62.38	186.32	-15.73
252	692	-3.15e-003	2.78e-002	-9.29e-002	-56.47	-81.57	24.85
	693	-3.15e-003	-3.01e-002	-9.48e-002	74.68	82.87	26.16
	635	3.44e-003	-3.01e-002	4.51e-002	198.88	10.10	134.21
	634	3.44e-003	2.78e-002	4.69e-002	-177.75	-20.15	132.90
253	669	-7.90e-003	1.65e-002	-0.15	-146.17	-29.72	-117.39
	671	-7.90e-003	-1.31e-002	-0.15	161.72	46.38	-115.61
	693	-3.15e-003	-1.31e-002	-0.21	21.25	34.15	-70.04
	692	-3.15e-003	1.65e-002	-0.21	-3.34	-27.81	-71.83
254	683	0.23	8.08e-002	-7.00e-002	-340.82	-337.12	187.51
	692	0.23	2.78e-002	-8.10e-002	-50.56	-135.05	46.48
	634	4.45e-002	2.78e-002	5.43e-002	-114.47	-114.70	152.26
	631	4.45e-002	8.08e-002	6.53e-002	-590.01	-103.23	293.30
255	649	0.36	5.62e-002	-0.11	-401.26	-73.49	-95.98
	669	0.36	1.65e-002	-0.15	118.73	32.00	-119.91
	692	0.23	1.65e-002	-0.20	-43.81	-181.23	-17.46
	683	0.23	5.62e-002	-0.16	-270.31	-386.18	6.47
256	690	-4.67e-002	2.65e-002	6.14e-003	-752.62	542.90	91.05
	691	-4.67e-002	6.60e-002	3.55e-002	-744.16	431.37	-58.74
	637	3.48e-002	6.60e-002	-2.00e-002	-929.07	87.51	-209.10
	639	3.48e-002	2.65e-002	-4.93e-002	-997.12	185.77	-59.30
257	633	1.13e-002	3.76e-002	3.09e-002	-760.94	223.95	190.63
	631	1.13e-002	0.10	4.05e-002	-750.41	163.17	222.32
	691	-4.67e-002	0.10	2.79e-002	-694.45	388.41	101.26
	690	-4.67e-002	3.76e-002	1.83e-002	-726.06	496.55	69.57
258	91	-2.94e-002	-0.25	6.98e-003	-108.03	491.94	167.48
	690	-2.94e-002	2.65e-002	-1.10e-002	-652.51	572.74	46.39
	639	8.25e-002	2.65e-002	4.33e-002	-940.46	231.04	120.00
	95	8.25e-002	-0.25	6.12e-002	-167.20	209.14	241.09
259	87	5.62e-002	-0.22	-7.13e-002	-122.86	186.63	32.33
	633	5.62e-002	3.76e-002	-3.93e-002	-703.62	242.24	73.36
	690	-2.94e-002	3.76e-002	1.19e-003	-613.10	531.16	160.25
	91	-2.94e-002	-0.22	-3.08e-002	-95.79	465.52	119.23
260	688	3.17e-002	-1.01e-002	-2.70e-003	658.82	-602.39	49.47
	626	3.17e-002	0.32	8.03e-003	92.73	-527.38	170.98
	680	-5.75e-002	0.32	8.21e-002	164.42	-225.30	239.80
	642	-5.75e-002	-1.01e-002	7.14e-002	935.45	-246.31	118.29
261	636	-3.34e-002	-2.22e-002	-5.84e-002	702.71	-253.57	79.85
	72	-3.34e-002	0.28	-9.22e-002	121.25	-195.91	36.91
	626	3.17e-002	0.28	-3.72e-002	83.40	-494.97	123.12
	688	3.17e-002	-2.22e-002	-3.48e-003	617.46	-557.60	166.06
262	689	5.79e-002	-7.14e-002	3.18e-002	761.48	-453.88	-55.68
	688	5.79e-002	-1.01e-002	1.58e-002	760.41	-570.37	93.21
	642	-3.36e-002	-1.01e-002	-3.60e-002	1004.28	-200.13	-56.98
	638	-3.36e-002	-7.14e-002	-1.99e-002	944.42	-107.06	-205.87
263	632	-1.04e-002	-0.11	4.50e-002	764.11	-177.53	226.33
	636	-1.04e-002	-2.22e-002	2.54e-002	767.30	-235.84	196.25
	688	5.79e-002	-2.22e-002	1.50e-002	734.12	-520.88	75.13
	689	5.79e-002	-0.11	3.46e-002	711.06	-410.20	105.22
264	4	-7.34e-002	-0.15	-1.05e-002	1324.50	1020.32	68.12

	79	-7.34e-002	-0.13	-8.14e-002	-238.80	650.01	12.22
	72	-3.34e-002	-0.13	-7.52e-002	174.04	56.60	70.32
	636	-3.34e-002	-0.15	-4.27e-003	773.76	-407.94	126.23
265	651	-0.51	-5.36e-002	-0.20	1108.47	-63.09	223.88
	655	-0.51	-0.14	-1.76e-002	104.10	116.28	167.24
	79	-7.34e-002	-0.14	-5.57e-002	-246.44	698.40	81.24
	4	-7.34e-002	-5.36e-002	-0.24	1375.94	1112.33	137.87
266	687	-0.52	-8.15e-002	2.02e-002	257.52	545.27	226.79
	4	-0.52	-0.15	5.71e-002	1607.68	1035.08	142.99
	636	-1.04e-002	-0.15	7.96e-002	904.47	-420.52	159.78
	632	-1.04e-002	-8.15e-002	4.26e-002	754.03	42.07	243.58
267	652	-0.72	-5.89e-002	-8.65e-002	494.44	121.89	-68.69
	651	-0.72	-5.36e-002	-0.19	1314.26	-125.64	-17.10
	4	-0.52	-5.36e-002	-0.17	1635.32	1150.99	119.79
	687	-0.52	-5.89e-002	-6.71e-002	249.03	530.12	68.20
268	14	-0.11	-0.29	0.11	2132.80	1892.30	-13.21
	677	-0.11	-0.16	-0.10	-410.25	1048.22	42.27
	667	-0.55	-0.16	-1.86e-003	114.51	136.68	-171.48
	663	-0.55	-0.29	0.21	1689.40	-124.45	-226.96
269	642	-5.75e-002	7.36e-002	-3.23e-003	1056.26	-531.07	37.29
	680	-5.75e-002	-0.19	5.60e-002	281.52	180.68	169.57
	677	-0.11	-0.19	-8.54e-002	-381.19	899.38	215.48
	14	-0.11	7.36e-002	-0.14	2045.27	1536.69	83.19
270	685	-0.60	7.82e-003	0.30	205.22	895.88	43.42
	14	-0.60	-0.29	0.33	2442.13	1944.84	-33.64
	663	-0.76	-0.29	0.20	1956.33	-184.11	204.06
	664	-0.76	7.82e-003	0.17	578.00	216.56	281.12
271	638	-3.36e-002	-5.67e-002	-1.33e-003	994.18	157.36	-197.26
	642	-3.36e-002	7.36e-002	-0.11	1226.04	-535.44	-36.78
	14	-0.60	7.36e-002	6.73e-002	2349.61	1569.83	-50.65
	685	-0.60	-5.67e-002	0.18	266.47	899.52	-211.13
272	1	0.54	0.13	6.49e-002	-1610.72	-1023.78	139.00
	683	0.54	8.08e-002	-5.55e-003	-246.89	-545.54	227.03
	631	1.13e-002	8.08e-002	3.31e-002	-741.45	-49.83	239.62
	633	1.13e-002	0.13	0.10	-899.03	408.00	151.59
273	645	0.69	8.65e-002	-0.20	-1315.94	144.09	-19.33
	649	0.69	5.62e-002	-0.10	-480.88	-106.11	-72.89
	683	0.54	5.62e-002	-9.16e-002	-232.30	-528.56	66.74
	1	0.54	8.65e-002	-0.19	-1643.06	-1159.55	120.29
274	83	2.49e-002	0.13	-8.50e-002	199.84	-656.55	-6.93
	1	2.49e-002	0.13	3.39e-002	-1309.04	-1010.80	56.78
	633	5.62e-002	0.13	3.32e-002	-772.42	393.01	120.13
	87	5.62e-002	0.13	-8.57e-002	-179.63	-63.97	56.42
275	648	0.48	0.17	-1.55e-002	-99.35	-112.66	176.32
	645	0.48	8.65e-002	-0.21	-1126.88	78.07	225.30
	1	2.49e-002	8.65e-002	-0.22	-1373.69	-1112.09	126.30
	83	2.49e-002	0.17	-2.89e-002	219.29	-651.36	77.33
276	11	0.63	0.33	0.37	-2453.07	-1965.66	-39.24
	644	0.63	-1.33e-002	0.33	-181.77	-902.09	40.21
	661	0.72	-1.33e-002	0.19	-555.44	-202.85	281.02
	657	0.72	0.33	0.23	-1962.88	203.98	201.57
277	639	3.48e-002	-8.86e-002	-0.14	-1221.62	513.06	-35.50
	637	3.48e-002	5.28e-002	5.38e-003	-977.74	-172.40	-200.30
	644	0.63	5.28e-002	0.21	-250.16	-908.94	-217.34
	11	0.63	-8.86e-002	5.55e-002	-2355.70	-1566.75	-52.55
278	629	4.26e-002	0.22	-0.13	373.11	-996.63	50.78
	11	4.26e-002	0.33	0.12	-2122.36	-1898.40	-0.57
	657	0.50	0.33	0.23	-1712.55	137.98	-233.84
	658	0.50	0.22	-1.22e-002	-112.02	-127.61	-182.49
279	95	8.25e-002	0.21	6.22e-002	-283.66	-154.88	176.67

	639	8.25e-002	-8.86e-002	-5.20e-002	-1066.19	505.94	40.09
	11	4.26e-002	-8.86e-002	-0.19	-2008.10	-1539.19	96.06
	629	4.26e-002	0.21	-7.78e-002	321.35	-969.14	232.64
280	630	-0.19	2.57	0.15	8.84	-27.61	3.28
	660	-0.19	3.04	2.40e-002	-48.46	-37.50	7.43
	76	-2.82e-002	3.04	0.13	-21.06	-27.18	8.78
	75	-2.82e-002	2.57	0.26	0.30	-38.26	4.63
281	629	0.22	2.74	0.18	32.83	190.88	17.05
	658	0.22	2.19	0.21	-34.28	178.37	1.09
	660	-0.19	2.19	0.14	-54.47	-17.09	0.75
	630	-0.19	2.74	0.11	-12.25	-29.27	16.71
282	628	-9.48e-002	1.93	7.96e-002	37.15	-10.38	1.82
	630	-9.48e-002	2.57	0.16	4.86	-23.13	3.13
	75	0.13	2.57	0.25	11.89	-38.32	0.20
	80	0.13	1.93	0.16	33.66	-46.75	-1.11
283	95	0.21	2.00	-0.32	-33.34	77.06	-31.12
	629	0.21	2.74	-6.44e-003	26.02	169.14	-11.31
	630	-9.48e-002	2.74	0.12	15.65	-17.56	15.43
	628	-9.48e-002	2.00	-0.19	25.24	30.56	-4.38
284	94	0.13	1.27	1.49e-002	21.49	-7.11	-12.97
	628	0.13	1.93	2.12e-002	17.96	-11.73	-0.40
	80	0.23	1.93	0.15	33.42	-40.43	-3.95
	92	0.23	1.27	0.14	35.25	-38.94	-16.52
285	91	-0.25	1.12	-6.74e-003	-0.65	33.16	-25.47
	95	-0.25	2.00	-0.26	25.34	65.02	-19.91
	628	0.13	2.00	-0.25	24.60	22.22	-5.36
	94	0.13	1.12	-3.80e-004	11.73	26.27	-10.92
286	90	0.16	1.29	8.56e-002	6.21	-7.56	-27.03
	94	0.16	1.27	0.13	17.72	-5.85	-17.41
	92	0.27	1.27	3.85e-002	30.10	-39.83	-17.32
	96	0.27	1.29	-4.03e-003	16.20	-38.28	-26.94
287	87	-0.22	1.34	0.28	26.23	55.83	-11.66
	91	-0.22	1.12	7.20e-002	-3.53	32.70	-10.95
	94	0.16	1.12	0.11	12.53	24.10	-20.27
	90	0.16	1.34	0.32	11.65	18.78	-20.97
288	86	-1.07e-002	1.49	4.38e-002	-12.03	-4.49	-20.41
	90	-1.07e-002	1.29	7.90e-002	14.33	-3.55	-25.33
	96	0.19	1.29	-4.06e-002	7.19	-45.08	-27.05
	84	0.19	1.49	-7.58e-002	-18.17	-41.60	-22.13
289	83	0.13	1.57	0.10	29.78	127.77	-8.07
	87	0.13	1.34	0.31	-35.08	63.59	-1.89
	90	-1.07e-002	1.34	0.31	12.47	25.16	-19.20
	86	-1.07e-002	1.57	0.11	-2.75	-10.55	-25.37
290	646	-0.10	1.62	0.14	-49.58	-7.84	-11.30
	86	-0.10	1.49	6.18e-002	-13.52	-6.17	-17.18
	84	4.28e-002	1.49	-4.31e-002	-36.04	-41.27	-21.69
	88	4.28e-002	1.62	3.24e-002	-53.77	-35.63	-15.81
291	648	0.17	1.03	-8.05e-002	-12.15	129.34	-4.99
	83	0.17	1.57	-2.98e-002	19.90	139.87	-22.71
	86	-0.10	1.57	0.12	-15.55	-15.28	-22.32
	646	-0.10	1.03	7.29e-002	-49.20	-5.13	-4.60
292	82	9.43e-002	-1.40	0.17	3.83	1.56	-14.06
	656	9.43e-002	-1.50	0.19	26.79	-1.78	-3.12
	125	-7.68e-002	-1.50	0.12	45.63	42.70	-2.72
	129	-7.68e-002	-1.40	0.11	8.26	38.61	-13.66
293	79	-0.14	-1.85	-2.12e-002	-25.02	-113.40	-14.13
	655	-0.14	-1.01	-4.92e-002	13.18	-117.92	-11.21
	656	9.43e-002	-1.01	0.13	16.45	-6.46	-7.33
	82	9.43e-002	-1.65	0.22	-13.86	-6.50	-38.49
294	78	-5.66e-002	-1.51	0.21	-14.97	-7.86	-18.31

	82	-5.66e-002	-1.40	0.18	-1.42	3.42	-22.01
	129	-0.17	-1.40	0.12	0.48	30.18	-18.38
	133	-0.17	-1.51	0.15	-23.59	33.48	-14.68
295	626	0.28	-1.24	9.10e-002	4.40	-50.55	-11.84
	72	0.28	-1.47	0.32	-27.23	-68.62	-9.51
	82	-5.66e-002	-1.51	0.44	-11.53	-35.36	-16.57
	78	-5.66e-002	-1.24	0.17	-9.76	-34.63	-20.43
296	71	-5.88e-003	-2.30	-0.11	-19.70	9.88	-4.40
	78	-5.88e-003	-1.51	2.04e-002	-19.02	-6.44	-10.78
	133	-0.11	-1.51	0.16	-27.80	32.88	-19.84
	140	-0.11	-2.30	3.88e-002	-22.52	36.49	-13.46
297	680	0.32	-2.32	-0.29	-28.40	-73.13	-21.34
	626	0.32	-1.24	5.98e-003	-0.52	-50.80	-25.90
	78	-5.88e-003	-1.24	-2.15e-002	-8.35	-38.39	-10.64
	71	-5.88e-003	-2.33	-0.36	-32.27	-44.12	-9.81
298	668	0.22	-2.95	-1.20e-002	11.15	28.35	-1.91
	71	0.22	-2.30	-5.91e-002	-22.20	15.36	-6.59
	140	1.09e-002	-2.30	-3.90e-002	-24.81	40.84	-12.86
	144	1.09e-002	-2.95	8.10e-003	3.81	39.64	-8.18
299	667	-0.16	-2.19	0.18	37.75	-160.79	12.81
	677	-0.16	-2.95	0.19	-41.73	-150.85	5.27
	71	0.22	-2.83	-3.21e-002	-37.38	-8.66	35.72
	668	0.22	-2.19	6.44e-002	7.23	-2.87	5.54
300	676	0.24	-0.59	0.88	-16.70	-0.63	0.47
	666	0.24	-1.77	0.75	-4.58	2.23	9.95e-001
	165	0.11	-1.77	0.42	-12.70	10.49	6.76
	161	0.11	-0.59	0.55	-7.01	5.67	6.23
301	675	-0.38	-0.70	0.55	40.34	-16.11	35.72
	664	-0.38	-2.34	0.66	-34.29	-53.78	27.09
	666	0.24	-2.34	1.08	-20.20	-12.87	3.29
	676	0.24	-0.70	0.98	2.97	-15.29	11.92
302	674	-1.02e-003	0.69	1.01	-5.49	3.40	2.70
	676	-1.02e-003	-0.59	9.99e-001	6.08	-0.25	2.64
	161	6.33e-003	-0.59	0.59	-4.15	1.83	5.94
	156	6.33e-003	0.69	0.60	4.56	-6.22	6.00
303	673	-2.01e-002	0.76	0.52	33.57	20.87	35.63
	675	-2.01e-002	-0.70	0.51	-32.97	-6.46	35.65
	676	-1.02e-003	-0.70	1.10	-9.80	-5.35e-002	12.32
	674	-1.02e-003	0.76	1.11	10.45	7.17	12.31
304	662	-0.25	1.88	0.78	5.27	1.15	1.31
	674	-0.25	0.69	0.91	17.37	3.88	0.25
	156	-0.10	0.69	0.57	6.65	-10.46	6.93
	152	-0.10	1.88	0.44	12.82	-16.64	7.99
305	661	0.34	2.42	0.69	36.70	68.84	26.92
	673	0.34	0.76	0.57	-41.65	30.52	35.74
	674	-0.25	0.76	1.01	-2.51	22.54	12.10
	662	-0.25	2.42	1.13	21.39	19.24	3.27
306	672	6.79e-002	-6.70e-002	0.84	4.72	1.91	23.83
	654	6.79e-002	-0.60	0.67	-12.41	5.57	19.48
	117	-0.11	-0.60	0.41	-15.19	-1.87	22.56
	113	-0.11	-6.70e-002	0.59	-5.56	-2.32	26.91
307	671	-0.37	-0.40	0.48	-30.49	14.00	-5.54
	652	-0.37	-1.28	0.44	24.81	41.97	-5.06
	654	6.79e-002	-1.28	0.81	-0.53	8.70	14.59
	672	6.79e-002	-0.40	0.85	-3.84	7.57	14.10
308	670	5.09e-003	9.47e-002	0.90	9.34	-6.77	22.54
	672	5.09e-003	-6.70e-002	0.90	-6.75	-1.13	23.64
	113	9.24e-003	-6.70e-002	0.98	-2.79	-7.42e-002	28.57
	108	9.24e-003	9.47e-002	0.98	8.65	-1.02	27.48
309	669	-7.90e-003	0.42	0.46	-26.76	-21.84	-6.39

	671	-7.90e-003	-0.40	0.46	26.84	4.61	-5.87
	672	5.09e-003	-0.40	0.90	2.73	-2.66	14.99
	670	5.09e-003	0.42	0.91	-1.25	-7.13	14.47
310	650	-6.65e-002	0.67	0.66	13.89	-12.42	15.61
	670	-6.65e-002	9.47e-002	0.85	-2.19	-9.70	22.45
	108	0.11	9.47e-002	0.58	11.67	1.52	24.14
	104	0.11	0.67	0.39	20.52	1.99	17.31
311	649	0.36	1.33	0.45	-25.48	-58.31	-6.00
	669	0.36	0.42	0.48	31.58	-30.89	-5.95
	670	-6.65e-002	0.42	0.86	5.39	-17.32	12.36
	650	-6.65e-002	1.33	0.83	0.84	-17.03	12.31
312	665	0.39	-2.43	-6.29e-002	-10.38	14.61	3.01
	668	0.39	-2.95	-8.79e-002	44.48	20.93	-5.82
	144	0.10	-2.95	4.35e-002	11.32	19.25	1.43
	17	0.10	-2.43	6.86e-002	-6.68	16.87	10.27
313	663	-0.55	-3.29	-0.20	-7.48	-151.98	-23.56
	667	-0.55	-2.19	-0.40	25.46	-86.80	-16.16
	668	0.39	-2.19	-0.30	41.84	-9.75	2.76
	665	0.39	-3.29	-0.10	-1.66	30.21	-4.64
314	666	0.35	-1.77	0.41	-28.13	2.97	1.11
	665	0.35	-2.43	0.18	-9.39	8.00	4.74
	17	0.10	-2.43	0.13	-10.52	16.32	10.42
	165	0.10	-1.77	0.36	-14.90	14.53	6.79
315	664	-0.76	-2.34	0.71	38.21	-71.39	28.80
	663	-0.76	-3.29	0.11	-37.01	-146.85	18.47
	665	0.35	-3.29	0.14	-14.83	26.38	-4.37
	666	0.35	-2.34	0.74	-14.96	-18.63	5.96
316	659	-0.35	2.55	0.27	11.43	-4.39	7.54
	662	-0.35	1.88	0.46	28.80	0.76	1.54
	152	-0.10	1.88	0.40	12.44	-21.71	8.54
	148	-0.10	2.55	0.21	7.78	-24.97	14.54
317	657	0.72	3.35	0.16	42.65	162.89	18.76
	661	0.72	2.42	0.74	-37.55	86.81	28.36
	662	-0.35	2.42	0.80	16.41	24.58	6.71
	659	-0.35	3.35	0.22	17.48	-22.64	-2.89
318	660	-0.34	3.04	2.63e-002	-38.94	-22.48	4.15
	659	-0.34	2.55	6.91e-002	11.46	-10.77	6.47
	148	-0.10	2.55	0.19	-0.31	-26.46	15.03
	76	-0.10	3.04	0.15	-19.44	-25.02	12.71
319	658	0.50	2.19	-0.43	-21.47	106.18	-17.41
	657	0.50	3.35	-0.16	11.08	167.59	-23.80
	659	-0.34	3.35	2.02e-002	6.42	-27.50	-1.03
	660	-0.34	2.19	-0.26	-35.98	3.55	5.36
320	653	0.18	-1.06	-0.25	-18.03	7.70	11.05
	656	0.18	-1.50	-0.16	-57.40	-16.52	6.62
	125	5.43e-002	-1.50	-0.18	-47.19	19.07	6.94
	121	5.43e-002	-1.06	-0.28	-43.02	-5.53	11.37
321	651	-0.51	-1.78	-0.18	-10.01	95.45	23.95
	655	-0.51	-1.01	-0.26	-24.83	40.99	14.02
	656	0.18	-1.01	-0.25	-40.58	32.78	3.34
	653	0.18	-1.78	-0.18	-24.05	-7.44	13.27
322	654	0.16	-0.60	0.38	-2.80	7.29	17.51
	653	0.16	-1.06	2.50e-003	-18.61	11.36	9.47
	121	1.61e-003	-1.06	-0.20	-28.98	-7.37	10.12
	117	1.61e-003	-0.60	0.18	-19.23	-4.08	18.16
323	652	-0.72	-1.28	0.46	-41.14	51.18	-4.92
	651	-0.72	-1.78	1.38e-002	9.11	93.48	-0.89
	653	0.16	-1.78	7.92e-002	-14.54	-7.19	13.73
	654	0.16	-1.28	0.53	-5.39	15.62	9.69
324	647	-0.15	1.17	5.53e-002	17.42	-15.57	2.54

	650	-0.15	0.67	0.38	4.09	-13.55	13.36
	104	-3.66e-003	0.67	0.17	25.85	4.81	10.92
	100	-3.66e-003	1.17	-0.16	31.74	9.76	0.10
325	645	0.69	1.84	3.61e-002	-12.69	-107.88	-2.48
	649	0.69	1.33	0.47	39.21	-67.18	-5.47
	650	-0.15	1.33	0.55	5.54	-23.06	6.12
	647	-0.15	1.84	0.11	12.03	2.20	9.10
326	646	-0.15	1.62	-0.10	49.93	10.14	-5.21
	647	-0.15	1.17	-0.17	18.65	-11.56	2.85
	100	-6.71e-002	1.17	-0.19	44.39	9.60	-1.15
	88	-6.71e-002	1.62	-0.13	51.04	-7.30	-9.20
327	648	0.48	1.03	-0.29	24.20	-56.62	14.43
	645	0.48	1.84	-0.16	6.94	-108.45	23.04
	647	-0.15	1.84	-0.11	19.95	4.24	6.03
	646	-0.15	1.03	-0.24	37.02	-24.91	-2.58
328	51	7.32e-002	-6.40e-003	0.11	-58.30	118.28	10.44
	159	7.32e-002	7.91e-002	-8.09e-002	-100.82	-1.02	10.28
	142	-4.49e-002	7.91e-002	0.14	-1.43	190.41	17.35
	53	-4.49e-002	-6.40e-003	0.33	-158.22	62.70	17.51
329	43	9.83e-003	6.48e-002	0.13	-42.36	-19.65	50.76
	154	9.83e-003	-0.22	7.23e-002	-57.33	-15.96	38.78
	159	7.32e-002	-0.22	-1.52e-002	-81.31	-15.32	24.99
	51	7.32e-002	6.48e-002	3.88e-002	-58.70	4.76	36.98
330	128	-3.65e-002	0.11	8.60e-002	-30.10	-8.38	49.20
	363	-3.65e-002	-0.17	4.53e-002	-17.09	6.91	39.46
	154	9.83e-003	-0.17	7.00e-002	-40.15	-25.51	43.27
	43	9.83e-003	0.11	0.11	-39.78	-14.75	53.00
331	50	-7.05e-003	0.46	3.43e-002	-12.19	-36.89	77.10
	43	-7.05e-003	6.48e-002	0.13	-36.03	-6.59	52.13
	51	7.13e-002	6.48e-002	-1.79e-003	-92.24	1.63	55.13
	52	7.13e-002	0.46	-0.10	-5.92	25.93	80.10
332	362	1.42e-002	0.56	-3.28e-002	-7.34	-28.11	55.50
	128	1.42e-002	0.11	3.94e-002	-20.77	-12.90	49.96
	43	-7.05e-003	0.11	0.11	-26.37	-15.78	62.83
	50	-7.05e-003	0.56	4.05e-002	-12.82	-26.30	68.37
333	36	3.77e-002	0.54	5.51e-002	67.22	82.65	97.23
	41	3.77e-002	-0.75	9.41e-002	21.29	110.50	114.18
	42	-3.54e-002	-0.75	-4.85e-002	35.75	132.14	147.64
	37	-3.54e-002	0.54	-8.75e-002	86.67	93.09	130.68
334	604	3.92e-002	0.64	-0.16	55.07	87.89	80.84
	357	3.92e-002	-0.82	-4.84e-002	12.20	104.24	85.62
	41	3.77e-002	-0.82	0.10	9.31	115.86	102.67
	36	3.77e-002	0.64	-1.29e-002	67.52	98.11	97.89
335	35	-5.74e-002	0.81	-0.20	136.16	34.14	114.06
	37	-5.74e-002	0.24	-3.64e-002	119.24	120.81	135.93
	40	-4.94e-002	0.24	-6.31e-003	110.69	125.89	119.67
	131	-4.94e-002	0.81	-0.17	218.25	231.90	97.81
336	34	1.19e-002	1.28	-6.95e-002	111.71	81.60	87.45
	36	1.19e-002	0.54	-2.65e-002	86.70	83.14	97.87
	37	-5.74e-002	0.54	-0.10	110.86	79.12	115.64
	35	-5.74e-002	1.28	-0.14	122.62	59.53	105.22
337	356	0.19	1.62	-8.20e-002	102.73	113.77	81.53
	604	0.19	0.64	-0.16	56.65	91.94	87.55
	36	1.19e-002	0.64	-9.46e-002	74.23	93.69	90.13
	34	1.19e-002	1.62	-1.93e-002	105.41	68.79	84.11
338	31	0.14	-6.42e-002	-0.59	127.63	50.98	78.33
	35	0.14	0.81	0.17	142.34	-20.42	115.87
	131	-1.00	0.81	-0.37	265.17	91.95	111.25
	33	-1.00	-6.42e-002	-1.13	97.40	28.04	73.71
339	29	-0.26	-0.29	-0.62	139.03	39.50	95.95

	34	-0.26	1.28	-0.28	120.72	23.12	91.69
	35	0.14	1.28	-0.11	139.08	60.29	92.72
	31	0.14	-0.29	-0.44	110.16	42.23	96.98
340	579	-0.14	-7.32e-002	5.40e-003	225.43	112.27	94.23
	356	-0.14	1.62	-8.69e-002	89.94	74.37	77.08
	34	-0.26	1.62	-0.31	133.36	58.35	86.37
	29	-0.26	-7.32e-002	-0.22	139.72	5.39	103.51
341	30	0.18	-1.46	-5.06e-002	35.05	86.78	138.13
	29	0.18	-0.29	-0.55	108.33	48.91	121.96
	31	-0.15	-0.29	-0.42	91.51	41.50	78.12
	32	-0.15	-1.46	8.04e-002	11.97	74.72	94.30
342	364	-0.90	-3.07	-0.83	213.09	-16.40	185.52
	579	-0.90	-7.32e-002	-0.13	217.77	121.29	91.39
	29	0.18	-7.32e-002	-0.15	143.23	-10.54	106.36
	30	0.18	-3.07	-0.84	55.46	102.88	200.48
343	23	-0.11	0.16	-0.30	-51.97	-11.90	37.00
	26	-0.11	0.81	-4.22e-002	-19.88	-25.57	49.92
	27	0.12	0.81	0.13	-8.77	-22.61	32.29
	24	0.12	0.16	-0.13	-31.21	-7.69	19.37
344	516	0.47	8.41e-002	-1.82e-002	-139.81	-73.61	17.13
	365	0.47	1.54	-0.42	-82.44	33.18	65.49
	26	-0.11	1.54	-0.45	-32.99	-51.81	78.63
	23	-0.11	8.41e-002	-5.74e-002	-69.98	33.66	30.27
345	22	-7.27e-002	-0.51	0.16	-38.19	20.25	28.63
	24	-7.27e-002	-3.55e-002	-0.37	-45.57	-24.84	19.80
	25	0.52	-3.55e-002	-0.85	-20.02	-16.85	30.29
	138	0.52	-0.51	-0.32	-85.51	-78.95	39.12
346	21	0.13	-0.63	-0.16	-34.70	9.56	14.29
	23	0.13	0.16	-0.32	-66.57	-6.79	23.22
	24	-7.27e-002	0.16	-0.19	-39.66	-8.81	27.58
	22	-7.27e-002	-0.63	-1.82e-002	-39.59	-32.23	18.65
347	361	-2.99e-002	-0.71	-5.78e-002	-10.57	-30.40	8.48
	516	-2.99e-002	8.41e-002	2.61e-002	-137.76	-71.65	22.20
	23	0.13	8.41e-002	-8.11e-002	-68.27	27.03	28.07
	21	0.13	-0.71	-0.16	-46.21	-23.75	14.35
348	18	-2.50e-002	-3.49e-003	-3.48e-002	-16.92	-80.57	13.57
	22	-2.50e-002	-0.51	-0.20	-31.03	-36.73	33.37
	138	0.18	-0.51	-0.10	-60.25	-152.29	37.07
	20	0.18	-3.49e-003	6.60e-002	43.46	-117.88	17.28
349	15	-6.88e-002	-8.71e-002	9.01e-003	-18.00	-38.72	13.75
	21	-6.88e-002	-0.63	-6.61e-002	-23.52	-41.04	10.40
	22	-2.50e-002	-0.63	-0.14	-23.72	-29.17	22.06
	18	-2.50e-002	-8.71e-002	-6.67e-002	-23.06	-61.10	25.40
350	491	-0.13	-0.17	-0.12	-14.94	-32.51	14.62
	361	-0.13	-0.71	-7.07e-002	-15.73	-48.37	9.79
	21	-6.88e-002	-0.71	-1.39e-002	-24.83	-32.43	7.24
	15	-6.88e-002	-0.17	-6.15e-002	-13.45	-41.83	12.08
351	19	-3.09e-002	3.72e-003	2.17e-002	12.13	-63.09	8.60
	18	-3.09e-002	-3.49e-003	6.94e-002	-7.56	-69.49	19.98
	20	0.17	-3.49e-003	8.57e-002	17.95	-109.99	-13.75
	137	0.17	3.72e-003	3.79e-002	4.54	-30.71	-25.13
352	16	-3.18e-002	0.25	2.15e-002	0.81	-49.10	12.56
	15	-3.18e-002	-8.71e-002	1.85e-002	-9.28	-46.26	17.75
	18	-3.09e-002	-8.71e-002	3.75e-002	-1.96	-59.26	18.32
	19	-3.09e-002	0.25	4.04e-002	1.66	-57.86	13.13
353	360	-3.82e-002	0.29	-1.46e-002	-1.43	-37.49	9.70
	491	-3.82e-002	-0.17	-9.05e-002	-9.31	-33.31	10.73
	15	-3.18e-002	-0.17	-5.20e-002	-8.89	-40.75	14.34
	16	-3.18e-002	0.29	2.39e-002	-0.23	-45.75	13.31
354	9	8.81e-003	-1.39e-002	3.86e-002	-3.49	-42.82	-31.44

	13	8.81e-003	-6.97e-002	-4.15e-003	12.09	-33.40	-17.06
	135	6.11e-002	-6.97e-002	7.14e-002	4.45	-22.16	13.84
	10	6.11e-002	-1.39e-002	0.11	26.78	-91.24	-0.54
355	8	1.86e-002	-5.84e-002	7.54e-002	-7.48	-2.33	-25.05
	12	1.86e-002	-0.16	4.76e-004	0.92	-7.64	-18.33
	13	8.81e-003	-0.16	-2.88e-002	1.76	-24.71	-21.42
	9	8.81e-003	-5.84e-002	4.62e-002	2.25	-22.17	-28.14
356	454	-2.63e-003	-5.84e-002	3.25e-002	-2.52	7.63	-14.53
	359	-2.63e-003	-0.20	2.62e-003	-1.86	4.67	-15.81
	12	1.86e-002	-0.20	1.96e-002	0.81	-3.21	-19.54
	8	1.86e-002	-5.84e-002	4.95e-002	-7.21	3.29	-18.26
357	7	2.32e-002	-1.52e-002	-6.62e-002	-17.98	0.62	-41.47
	9	2.32e-002	-1.39e-002	1.96e-002	-14.88	-51.50	-26.43
	10	-1.82e-002	-1.39e-002	0.17	60.35	-101.02	-28.41
	134	-1.82e-002	-1.52e-002	8.28e-002	-69.53	-148.11	-43.45
358	6	5.52e-003	0.18	4.50e-002	-2.23	18.85	-14.91
	8	5.52e-003	-5.84e-002	0.10	-19.44	9.51	-18.18
	9	2.32e-002	-5.84e-002	2.72e-002	-23.31	-22.16	-36.56
	7	2.32e-002	0.18	-2.38e-002	-3.50	15.22	-33.30
359	358	3.32e-003	8.53e-002	5.08e-002	-6.44	0.82	-11.30
	454	3.32e-003	-5.84e-002	5.46e-002	-6.23	8.49	-14.65
	8	5.52e-003	-5.84e-002	7.00e-002	-11.60	4.33	-14.83
	6	5.52e-003	8.53e-002	6.63e-002	-6.35	12.44	-11.48
360	2	-0.34	0.16	-2.85e-002	-27.78	18.74	-9.28
	7	-0.34	-1.52e-002	-0.17	-25.93	6.14	-30.33
	134	0.87	-1.52e-002	-3.93e-002	-65.92	17.10	-22.63
	5	0.87	0.16	0.10	-39.72	-7.97	-1.58
361	167	-4.52e-002	-1.69e-002	0.14	-11.52	7.52	-9.69
	6	-4.52e-002	0.18	3.84e-002	-5.23	8.86	-18.40
	7	-0.34	0.18	1.57e-002	-19.08	1.26	-20.49
	2	-0.34	-1.69e-002	0.12	-19.16	5.98	-11.77
362	429	0.12	-0.18	0.20	-6.84	3.15	-12.01
	358	0.12	8.53e-002	0.12	-5.57	12.61	-11.78
	6	-4.52e-002	8.53e-002	5.40e-002	-3.96	-3.34	-12.19
	167	-4.52e-002	-0.18	0.14	-7.89	6.78	-12.42
363	168	-9.82e-003	-0.70	-0.15	-4.61	0.79	-3.48
	167	-9.82e-003	-1.69e-002	-9.84e-003	-9.61	7.38	-9.70
	2	-0.24	-1.69e-002	0.53	-25.06	5.35	-3.05
	3	-0.24	-0.70	0.39	-2.33	-0.65	3.17
364	367	-7.99e-002	-0.39	0.11	-1.28	2.00	-8.86
	429	-7.99e-002	-0.18	0.26	-4.50	2.96	-11.13
	167	-9.82e-003	-0.18	-1.24e-002	-8.25	6.16	-8.17
	168	-9.82e-003	-0.39	-0.16	-2.33	1.53	-5.90
365	151	1.71e-002	-4.24e-002	-1.60e-002	-23.23	-24.24	17.74
	163	1.71e-002	0.60	-0.17	-5.82	-36.89	12.25
	164	0.26	0.60	0.38	-6.01	-34.39	2.26
	155	0.26	-4.24e-002	0.54	-34.64	-28.14	7.75
366	392	8.42e-002	0.12	0.24	-13.72	-21.49	27.42
	366	8.42e-002	0.33	0.12	-3.98	-29.45	24.07
	163	1.71e-002	0.33	-0.17	-3.68	-34.02	15.53
	151	1.71e-002	0.12	-4.09e-002	-21.11	-25.82	18.88
367	159	0.40	7.91e-002	-0.23	-73.10	0.30	2.07
	155	0.40	-0.20	4.20e-002	-38.26	-19.27	12.75
	160	-0.91	-0.20	0.27	-48.61	-13.38	8.65
	142	-0.91	7.91e-002	-7.63e-003	-36.40	-26.30	-2.04
368	154	3.96e-002	-0.22	1.58e-002	-49.29	-15.47	32.38
	151	3.96e-002	-4.24e-002	0.13	-32.31	-21.67	20.84
	155	0.40	-4.24e-002	0.13	-37.78	-27.08	9.41
	159	0.40	-0.22	1.19e-002	-72.30	-14.75	20.96
369	363	-0.13	-0.17	0.14	-21.26	-16.19	40.79

	392	-0.13	0.12	0.19	-18.91	-17.94	28.86
	151	3.96e-002	0.12	0.11	-26.31	-25.85	22.65
	154	3.96e-002	-0.17	5.65e-002	-43.28	-17.50	34.58
373	126	1.74e-002	0.15	0.14	-22.95	-1.94	39.55
	391	1.74e-002	-0.16	2.91e-002	2.42	15.63	35.24
	363	-3.65e-002	-0.16	3.33e-002	-21.58	-24.60	39.95
	128	-3.65e-002	0.15	0.14	-17.16	-11.49	44.25
374	123	5.93e-002	0.17	7.57e-002	-6.08	-13.17	39.39
	389	5.93e-002	-0.24	-1.20e-002	1.39	-2.27	36.03
	391	1.74e-002	-0.24	2.45e-002	-16.00	-35.46	33.97
	126	1.74e-002	0.17	0.11	-2.90	-22.62	37.33
375	119	-5.80e-004	0.26	3.61e-002	4.61	-7.37	36.81
	387	-5.80e-004	-0.10	4.82e-002	7.45	-3.08	33.52
	389	5.93e-002	-0.10	1.44e-003	-0.96	-19.10	34.74
	123	5.93e-002	0.26	-1.07e-002	-0.88	-15.96	38.02
376	115	-6.79e-002	0.37	-2.70e-003	5.39	13.45	28.08
	385	-6.79e-002	0.21	9.16e-003	17.34	17.64	26.07
	387	-5.80e-004	0.21	4.85e-002	10.22	0.89	31.25
	119	-5.80e-004	0.37	3.66e-002	4.00	0.17	33.26
377	111	-1.93e-002	0.50	0.14	-0.98	26.54	19.47
	383	-1.93e-002	0.43	4.05e-002	24.76	39.94	18.41
	385	-6.79e-002	0.43	-6.94e-004	11.12	7.24	24.21
	115	-6.79e-002	0.50	9.45e-002	8.17	15.15	25.27
378	106	4.18e-002	0.56	0.16	5.48	20.08	18.98
	381	4.18e-002	0.45	4.97e-002	17.48	31.90	17.66
	383	-1.93e-002	0.45	4.90e-002	4.29	-3.82	16.69
	111	-1.93e-002	0.56	0.16	13.09	8.92	18.00
379	102	-1.35e-004	0.68	0.12	11.23	29.33	16.92
	379	-1.35e-004	0.59	9.26e-002	17.73	35.56	14.66
	381	4.18e-002	0.59	6.48e-002	9.44	12.07	15.66
	106	4.18e-002	0.68	0.10	9.94	17.34	17.93
380	98	-5.04e-002	0.85	0.10	14.10	50.22	9.66
	377	-5.04e-002	0.88	7.16e-002	25.84	56.87	6.95
	379	-1.35e-004	0.88	9.41e-002	16.84	33.33	11.86
	102	-1.35e-004	0.85	0.13	11.64	35.32	14.57
381	61	9.90e-004	1.02	0.19	12.78	66.43	-0.60
	375	9.90e-004	1.13	8.27e-002	33.42	79.27	-2.68
	377	-5.04e-002	1.13	6.31e-002	20.22	43.77	4.08
	98	-5.04e-002	1.02	0.17	17.16	50.21	6.17
382	621	4.99e-002	1.15	0.16	18.07	67.88	-5.01
	373	4.99e-002	1.27	6.01e-002	29.20	75.83	-6.46
	375	9.90e-004	1.27	8.49e-002	17.12	46.56	-5.70
	61	9.90e-004	1.15	0.19	24.02	53.79	-4.25
383	619	-3.13e-003	1.34	0.13	25.56	90.09	-5.29
	371	-3.13e-003	1.55	0.11	35.59	89.46	-8.90
	373	4.99e-002	1.55	7.30e-002	24.37	69.71	-9.66
	621	4.99e-002	1.34	8.71e-002	21.51	69.81	-6.05
384	617	-5.81e-002	1.56	8.22e-002	36.40	129.79	-3.96
	369	-5.81e-002	2.03	7.62e-002	64.30	132.84	-11.97
	371	-3.13e-003	2.03	0.11	39.61	94.31	-11.57
	619	-3.13e-003	1.56	0.12	27.21	96.99	-3.56
385	355	-2.40e-002	1.68	2.09e-002	38.56	138.12	-10.67
	289	-2.40e-002	2.32	-5.82e-002	87.19	150.19	-15.00
	369	-5.81e-002	2.32	3.04e-002	65.56	119.13	-11.86
	617	-5.81e-002	1.68	0.11	41.84	128.23	-7.52
386	127	6.23e-002	0.59	-3.27e-002	-29.74	-1.52	37.82
	126	6.23e-002	0.15	0.17	-15.54	-6.73	44.54
	128	1.42e-002	0.15	9.33e-002	-20.79	-10.40	49.75
	362	1.42e-002	0.59	-0.11	-7.58	-23.89	43.02
387	124	-3.70e-002	0.99	-0.20	-5.36	-25.56	53.17

	123	-3.70e-002	0.17	4.66e-002	-7.09	-12.08	41.36
	126	6.23e-002	0.17	0.15	-18.07	-22.64	39.80
	127	6.23e-002	0.99	-9.10e-002	-24.09	-6.67	51.61
388	120	-9.62e-004	0.81	6.96e-003	-0.64	-12.94	38.69
	119	-9.62e-004	0.26	7.19e-003	0.29	-9.01	36.75
	123	-3.70e-002	0.26	-3.98e-002	-2.24	-16.90	42.37
	124	-3.70e-002	0.81	-4.00e-002	-2.99	-21.91	44.31
389	116	4.01e-002	0.68	-4.75e-002	-1.38	5.19	27.62
	115	4.01e-002	0.37	-4.54e-002	2.64	10.48	27.83
	119	-9.62e-004	0.37	7.72e-003	2.33	-1.52	34.65
	120	-9.62e-004	0.68	5.65e-003	-0.55	-7.08	34.44
390	112	-6.80e-002	0.45	-0.11	-13.21	22.45	18.19
	111	-6.80e-002	0.50	0.17	2.45	22.29	22.57
	115	4.01e-002	0.50	5.18e-002	1.36	15.19	25.82
	116	4.01e-002	0.45	-0.23	-1.09	9.88	21.43
391	107	-1.67e-002	0.86	-0.14	-1.87	11.79	25.30
	106	-1.67e-002	0.56	0.10	3.94	19.25	20.54
	111	-6.80e-002	0.56	0.19	-0.51	9.79	19.20
	112	-6.80e-002	0.86	-5.68e-002	-9.39	19.38	23.96
392	103	-3.89e-004	0.80	-2.40e-003	0.49	25.20	18.35
	102	-3.89e-004	0.68	8.07e-002	6.56	27.43	17.71
	106	-1.67e-002	0.68	4.25e-002	6.03	17.36	20.14
	107	-1.67e-002	0.80	-4.06e-002	-0.57	15.73	20.78
393	99	2.36e-002	0.80	-4.88e-002	1.26	43.69	11.88
	98	2.36e-002	0.85	4.03e-002	9.02	47.32	11.36
	102	-3.89e-004	0.85	8.32e-002	8.39	34.30	15.43
	103	-3.89e-004	0.80	-5.87e-003	0.61	31.47	15.94
394	62	2.50e-003	0.70	-8.97e-002	6.52	50.19	3.88
	61	2.50e-003	1.02	0.20	15.29	62.59	0.55
	98	2.36e-002	1.02	0.11	10.95	48.34	7.44
	99	2.36e-002	0.70	-0.18	2.49	49.78	10.77
395	622	-2.88e-002	1.08	-0.18	1.45	66.60	-6.33
	621	-2.88e-002	1.15	0.10	16.20	65.75	-3.96
	61	2.50e-003	1.15	0.19	13.13	54.03	-1.81
	62	2.50e-003	1.08	-9.29e-002	10.48	49.75	-4.17
396	620	-3.67e-003	0.94	-1.67e-002	2.18	92.77	-2.18
	619	-3.67e-003	1.34	6.05e-002	19.34	89.90	-3.15
	621	-2.88e-002	1.34	2.52e-002	15.41	69.74	-6.11
	622	-2.88e-002	0.94	-5.20e-002	3.67	71.57	-5.13
397	618	1.03e-002	0.84	-4.75e-002	3.56	124.39	0.37
	617	1.03e-002	1.56	1.37e-002	25.08	126.94	-0.90
	619	-3.67e-003	1.56	4.93e-002	21.55	97.98	-3.17
	620	-3.67e-003	0.84	-1.18e-002	3.88	104.12	-1.89
398	288	-5.25e-003	0.74	-4.04e-002	14.26	115.27	-4.24
	355	-5.25e-003	1.68	0.11	35.31	133.51	-10.58
	617	1.03e-002	1.68	4.09e-002	29.05	126.27	-4.84
	618	1.03e-002	0.74	-0.11	4.56	135.38	1.50
399	603	7.81e-002	0.64	-0.14	65.45	65.11	75.72
	616	7.81e-002	-0.39	-0.14	27.66	57.09	65.70
	357	3.92e-002	-0.39	-0.19	14.49	94.95	75.60
	604	3.92e-002	0.64	-0.19	53.43	71.18	85.62
400	602	-8.52e-003	0.58	-0.19	58.07	21.79	54.91
	615	-8.52e-003	-0.14	-0.11	11.19	45.61	63.79
	616	7.81e-002	-0.14	-7.53e-002	30.06	45.86	78.85
	603	7.81e-002	0.58	-0.15	61.55	45.75	69.96
401	601	-1.33e-002	0.55	-0.17	44.35	14.28	30.93
	614	-1.33e-002	0.38	3.43e-002	7.82	28.34	34.63
	615	-8.52e-003	0.38	-1.50e-002	7.75	40.92	54.24
	602	-8.52e-003	0.55	-0.21	53.73	23.80	50.54
402	600	-2.20e-002	0.62	-0.17	35.62	9.77	13.82

	613	-2.20e-002	0.64	8.14e-004	7.05	19.69	15.97
	614	-1.33e-002	0.64	3.22e-002	4.19	28.24	30.12
	601	-1.33e-002	0.62	-0.14	43.89	15.67	27.96
403	599	-7.39e-002	0.73	-1.40e-002	32.74	9.76	7.34
	612	-7.39e-002	0.91	-2.39e-002	13.70	8.21	5.46
	613	-2.20e-002	0.91	-0.11	4.63	20.92	11.64
	600	-2.20e-002	0.73	-0.10	37.08	9.54	13.52
404	598	3.40e-002	0.87	-0.13	26.23	9.04	3.74
	611	3.40e-002	0.70	-0.19	4.72	14.81	9.09
	612	-7.39e-002	0.70	-8.48e-002	11.92	9.41	11.90
	599	-7.39e-002	0.87	-2.30e-002	32.49	10.71	6.55
405	597	-1.82e-003	0.99	-0.16	19.35	11.23	1.37
	610	-1.82e-003	1.07	4.92e-002	2.66	12.17	3.46
	611	3.40e-002	1.07	-6.78e-003	3.26	15.08	7.09
	598	3.40e-002	0.99	-0.21	23.98	10.25	5.00
406	596	-2.62e-002	1.14	-0.21	14.52	11.75	0.44
	609	-2.62e-002	1.31	1.20e-003	0.84	11.15	2.27
	610	-1.82e-003	1.31	4.84e-002	1.67	13.21	4.03
	597	-1.82e-003	1.14	-0.16	18.29	9.81	2.20
407	595	3.59e-003	1.28	-4.22e-002	8.88	12.93	-2.90
	608	3.59e-003	1.63	-4.55e-002	-8.91	19.17	1.96
	609	-2.62e-002	1.63	-0.13	-3.88e-002	11.90	5.52
	596	-2.62e-002	1.28	-0.13	12.25	12.48	0.65
408	594	2.31e-002	1.45	-0.12	8.93	16.87	-3.04
	607	2.31e-002	1.45	-0.13	-0.48	12.01	-6.62
	608	3.59e-003	1.45	-4.28e-002	-9.12	20.52	-4.30
	595	3.59e-003	1.45	-4.04e-002	8.57	11.96	-0.72
409	593	1.64e-004	1.59	-0.15	9.43	15.23	-0.57
	606	1.64e-004	1.75	4.55e-002	0.50	11.92	-0.48
	607	2.31e-002	1.75	3.13e-003	-5.14e-002	13.19	-2.43
	594	2.31e-002	1.59	-0.19	10.19	12.99	-2.52
410	592	-1.77e-002	1.75	-0.19	7.55	17.31	3.44
	605	-1.77e-002	1.95	8.24e-003	-1.33	13.60	4.72
	606	1.64e-004	1.95	4.52e-002	0.67	12.89	2.28
	593	1.64e-004	1.75	-0.15	8.75	13.05	1.01
411	348	-3.74e-003	1.91	-7.17e-002	1.71	19.31	0.46
	283	-3.74e-003	2.23	-2.46e-002	-16.91	28.91	7.54
	605	-1.77e-002	2.23	-9.05e-002	-1.57	14.19	10.64
	592	-1.77e-002	1.91	-0.14	4.18	18.86	3.56
412	591	2.68e-003	1.40	-0.10	116.44	62.34	81.36
	603	2.68e-003	0.64	-0.16	64.41	63.46	76.47
	604	0.19	0.64	-0.18	72.49	71.24	86.47
	356	0.19	1.40	-0.13	87.68	62.92	91.36
413	590	-4.85e-002	0.86	-7.23e-002	107.55	20.90	51.52
	602	-4.85e-002	0.58	-0.18	64.13	20.47	55.03
	603	2.68e-003	0.58	-0.17	79.91	41.39	73.44
	591	2.68e-003	0.86	-6.13e-002	106.62	23.56	69.93
414	589	-7.41e-003	0.63	-8.79e-002	88.72	17.49	27.49
	601	-7.41e-003	0.55	-0.21	52.58	13.31	32.00
	602	-4.85e-002	0.55	-0.21	65.74	18.19	47.73
	590	-4.85e-002	0.63	-8.50e-002	94.63	-0.85	43.22
415	588	3.37e-002	0.61	-0.11	72.08	15.91	13.02
	600	3.37e-002	0.62	-0.19	43.84	9.91	15.58
	601	-7.41e-003	0.62	-0.18	51.69	11.49	26.11
	589	-7.41e-003	0.61	-0.10	75.07	-4.46	23.55
416	587	-2.52e-002	0.71	-0.10	63.22	16.77	6.26
	599	-2.52e-002	0.73	-0.10	38.25	10.78	7.27
	600	3.37e-002	0.73	-0.12	43.80	7.89	12.89
	588	3.37e-002	0.71	-0.11	61.94	-3.42	11.89
417	586	-7.04e-002	0.86	-0.16	55.64	18.95	2.58

	598	-7.04e-002	0.87	-0.16	30.59	11.69	4.06
	599	-2.52e-002	0.87	-0.11	39.42	8.92	6.97
	587	-2.52e-002	0.86	-0.11	53.09	-1.09	5.49
418	585	-2.33e-003	0.95	-0.13	45.39	21.67	0.24
	597	-2.33e-003	0.99	-0.22	23.15	13.26	1.92
	598	-7.04e-002	0.99	-0.25	33.10	8.61	4.08
	586	-7.04e-002	0.95	-0.16	42.56	-1.84	2.39
419	584	4.95e-002	1.04	-0.14	36.31	22.05	-0.73
	596	4.95e-002	1.14	-0.24	16.44	13.90	0.46
	597	-2.33e-003	1.14	-0.22	25.76	8.49	2.04
	585	-2.33e-003	1.04	-0.12	32.03	-1.15	0.85
420	583	1.22e-003	1.17	-0.12	30.99	22.31	-1.26
	595	1.22e-003	1.28	-0.13	12.38	15.02	-0.98
	596	4.95e-002	1.28	-0.17	19.92	10.51	0.47
	584	4.95e-002	1.17	-0.15	24.61	1.85	0.19
421	582	-4.79e-002	1.35	-0.15	29.58	25.68	-0.88
	594	-4.79e-002	1.45	-0.16	11.87	17.98	-1.66
	595	1.22e-003	1.45	-0.13	16.12	11.56	-1.12
	583	1.22e-003	1.35	-0.12	22.05	3.34	-0.34
422	581	-2.98e-004	1.49	-0.13	28.01	27.25	0.43
	593	-2.98e-004	1.59	-0.21	11.05	17.73	-4.44e-002
	594	-4.79e-002	1.59	-0.23	16.38	12.72	-0.77
	582	-4.79e-002	1.49	-0.14	20.66	3.88	-0.29
423	580	3.79e-002	1.63	-0.14	24.45	28.00	2.66
	592	3.79e-002	1.75	-0.23	7.36	19.85	2.92
	593	-2.98e-004	1.75	-0.22	15.61	12.81	2.10
	581	-2.98e-004	1.63	-0.12	17.33	5.44	1.83
424	282	1.01e-003	1.79	-0.13	21.54	29.45	3.62
	348	1.01e-003	1.91	-0.16	4.72	21.65	3.45
	592	3.79e-002	1.91	-0.18	12.15	16.77	3.66
	580	3.79e-002	1.79	-0.15	13.39	8.77	3.83
425	578	-1.36e-002	3.35e-002	0.16	163.50	-25.54	62.72
	591	-1.36e-002	1.40	6.89e-002	128.30	23.12	72.94
	356	-0.14	1.40	-1.88e-002	100.80	65.06	94.78
	579	-0.14	3.35e-002	7.53e-002	222.70	85.56	84.56
426	577	4.22e-002	0.25	-9.95e-003	119.96	-11.19	30.14
	590	4.22e-002	0.86	-5.40e-002	111.86	7.70	44.68
	591	-1.36e-002	0.86	6.32e-002	116.01	20.29	65.78
	578	-1.36e-002	0.25	0.11	160.90	11.98	51.25
427	576	-2.90e-003	0.37	-0.14	90.28	-9.29	11.73
	589	-2.90e-003	0.63	-0.12	87.36	-6.02	23.16
	590	4.22e-002	0.63	-8.73e-002	98.51	11.84	35.35
	577	4.22e-002	0.37	-0.11	114.62	-0.60	23.91
428	575	-2.31e-002	0.45	-0.22	72.20	-8.40	4.31
	588	-2.31e-002	0.61	-0.14	69.13	-14.41	11.70
	589	-2.90e-003	0.61	-0.12	80.27	7.82	16.86
	576	-2.90e-003	0.45	-0.20	83.99	-4.84	9.47
429	574	-2.84e-002	0.54	-0.25	61.07	-4.18	1.44
	587	-2.84e-002	0.71	-0.14	57.17	-16.20	6.22
	588	-2.31e-002	0.71	-0.13	68.89	9.60	8.26
	575	-2.31e-002	0.54	-0.24	64.17	-5.05	3.48
430	573	-3.18e-002	0.63	-0.28	50.18	-0.76	-3.43
	586	-3.18e-002	0.86	-0.16	49.42	-13.19	0.76
	587	-2.84e-002	0.86	-0.14	62.41	17.57	4.11
	574	-2.84e-002	0.63	-0.26	50.18	0.82	-7.57e-002
431	572	-3.16e-002	0.71	-0.29	41.89	-4.96	-5.85
	585	-3.16e-002	0.95	-0.17	39.60	-16.35	-1.63
	586	-3.18e-002	0.95	-0.16	51.73	12.75	-0.48
	573	-3.18e-002	0.71	-0.29	42.85	-0.12	-4.70
432	571	-3.05e-002	0.80	-0.30	35.46	-7.98	-4.97

	584	-3.05e-002	1.04	-0.17	30.94	-19.99	-1.55
	585	-3.16e-002	1.04	-0.17	41.66	6.39	-2.27
	572	-3.16e-002	0.80	-0.30	35.36	-4.69	-5.69
433	570	-3.10e-002	0.90	-0.30	32.60	-7.49	-2.14
	583	-3.10e-002	1.17	-0.16	24.73	-23.01	-0.15
	584	-3.05e-002	1.17	-0.16	34.85	5.38	-2.00
	571	-3.05e-002	0.90	-0.30	28.67	-7.75	-3.99
434	569	-2.86e-002	1.00	-0.31	28.22	-3.30	-2.11
	582	-2.86e-002	1.35	-0.17	24.23	-17.57	-0.93
	583	-3.10e-002	1.35	-0.16	32.94	10.43	-0.39
	570	-3.10e-002	1.00	-0.30	23.17	-4.53	-1.57
435	568	-2.90e-002	1.12	-0.32	25.57	-4.85	-1.57
	581	-2.90e-002	1.49	-0.17	22.54	-17.75	-0.38
	582	-2.86e-002	1.49	-0.17	29.71	8.41	-0.92
	569	-2.86e-002	1.12	-0.31	22.11	-3.78	-2.12
436	567	-2.72e-002	1.23	-0.32	23.74	-7.25	0.71
	580	-2.72e-002	1.63	-0.17	18.60	-20.15	2.27
	581	-2.90e-002	1.63	-0.17	26.99	4.91	0.47
	568	-2.90e-002	1.23	-0.32	20.20	-5.65	-1.10
437	343	-2.83e-002	1.35	-0.33	22.96	-6.77	3.76
	282	-2.83e-002	1.79	-0.17	16.00	-21.94	4.63
	580	-2.72e-002	1.79	-0.17	24.16	5.12	2.56
	567	-2.72e-002	1.35	-0.33	17.50	-7.39	1.70
438	566	9.69e-003	-0.87	-0.19	194.41	-10.33	26.56
	578	9.69e-003	3.35e-002	0.14	175.70	-36.67	54.97
	579	-0.90	3.35e-002	-6.36e-002	243.24	78.66	101.47
	364	-0.90	-0.87	-0.39	215.00	-7.63	73.07
439	565	6.27e-002	-0.17	-0.23	123.71	-18.28	-1.71
	577	6.27e-002	0.25	-4.88e-002	125.67	-17.96	24.62
	578	9.69e-003	0.25	8.70e-002	153.46	7.98	42.99
	566	9.69e-003	-0.17	-9.43e-002	177.61	-15.38	16.65
440	564	1.95e-002	0.12	-0.19	84.88	-13.13	-6.24
	576	1.95e-002	0.37	-0.15	90.71	-11.58	7.76
	577	6.27e-002	0.37	-0.15	108.14	-4.24	14.70
	565	6.27e-002	0.12	-0.19	110.88	-11.63	0.70
441	563	-1.46e-002	0.26	-0.24	63.88	-9.88	-7.68
	575	-1.46e-002	0.45	-0.24	69.77	-8.61	0.42
	576	1.95e-002	0.45	-0.21	80.47	-7.22	2.78
	564	1.95e-002	0.26	-0.22	78.29	-9.00	-5.32
442	562	-2.05e-002	0.34	-0.27	50.48	-5.78	-8.45
	574	-2.05e-002	0.54	-0.27	55.51	-3.80	-2.94
	575	-1.46e-002	0.54	-0.26	63.52	-6.83	-1.84
	563	-1.46e-002	0.34	-0.26	59.58	-6.27	-7.35
443	561	-2.33e-002	0.41	-0.28	40.40	-2.69	-10.69
	573	-2.33e-002	0.63	-0.30	46.39	-0.51	-6.86
	574	-2.05e-002	0.63	-0.29	51.80	-1.93	-5.11
	562	-2.05e-002	0.41	-0.27	46.87	-2.02	-8.93
444	560	-2.85e-002	0.47	-0.29	34.23	-4.51	-11.50
	572	-2.85e-002	0.71	-0.31	39.15	-3.76	-8.79
	573	-2.33e-002	0.71	-0.30	42.40	-2.29	-8.56
	561	-2.33e-002	0.47	-0.29	39.41	-1.81	-11.28
445	559	-3.05e-002	0.53	-0.30	29.71	-6.43	-9.95
	571	-3.05e-002	0.80	-0.32	33.29	-6.29	-7.78
	572	-2.85e-002	0.80	-0.32	35.90	-5.96	-9.06
	560	-2.85e-002	0.53	-0.30	33.84	-4.17	-11.23
446	558	-2.68e-002	0.60	-0.31	26.19	-5.91	-7.17
	570	-2.68e-002	0.90	-0.33	28.18	-5.58	-5.38
	571	-3.05e-002	0.90	-0.32	30.68	-8.47	-7.24
	559	-3.05e-002	0.60	-0.31	29.25	-5.74	-9.03
447	557	-2.41e-002	0.67	-0.32	22.43	-3.50	-5.85

	569	-2.41e-002	1.00	-0.33	25.38	-2.23	-4.55
	570	-2.68e-002	1.00	-0.33	26.99	-5.95	-5.18
	558	-2.68e-002	0.67	-0.32	24.85	-3.87	-6.48
448	556	-2.62e-002	0.74	-0.33	20.45	-4.02	-4.55
	568	-2.62e-002	1.12	-0.34	23.39	-3.41	-3.82
	569	-2.41e-002	1.12	-0.34	23.58	-5.00	-4.78
	557	-2.41e-002	0.74	-0.32	22.56	-3.15	-5.52
449	555	-2.60e-002	0.82	-0.34	19.36	-5.45	-2.27
	567	-2.60e-002	1.23	-0.35	21.52	-5.38	-1.65
	568	-2.62e-002	1.23	-0.35	21.78	-6.49	-3.36
	556	-2.62e-002	0.82	-0.33	21.00	-4.24	-3.97
450	290	-2.19e-002	0.89	-0.35	18.48	-5.23	0.47
	343	-2.19e-002	1.35	-0.36	19.66	-4.84	1.03
	567	-2.60e-002	1.35	-0.36	20.25	-8.05	-0.78
	555	-2.60e-002	0.89	-0.34	19.65	-5.34	-1.34
451	553	7.85e-002	-0.14	-0.41	150.65	-30.46	-52.24
	566	7.85e-002	-0.87	-0.37	197.68	-37.31	19.85
	364	-2.04	-0.87	-0.81	384.02	6.29e-002	-0.82
	554	-2.04	-0.14	-0.86	165.60	22.83	-72.91
452	552	8.57e-002	-0.28	-0.41	92.61	-17.88	-33.05
	565	8.57e-002	-0.17	-0.30	117.49	-20.89	-5.56
	566	7.85e-002	-0.17	-0.28	162.37	-18.15	-12.75
	553	7.85e-002	-0.28	-0.39	124.49	-10.86	-40.24
453	551	3.61e-002 -6.82e-003	-0.33		65.58	-12.40	-22.35
	564	3.61e-002	0.12	-0.23	80.79	-14.64	-8.58
	565	8.57e-002	0.12	-0.25	104.80	-12.66	-12.82
	552	8.57e-002 -6.82e-003	-0.35		80.04	-8.82	-26.59
454	550	6.18e-003 7.53e-002	-0.31		50.18	-9.11	-17.42
	563	6.18e-003	0.26	-0.27	60.56	-10.79	-9.44
	564	3.61e-002	0.26	-0.26	74.20	-9.30	-11.94
	551	3.61e-002 7.53e-002	-0.30		58.83	-7.39	-19.93
455	549	-6.94e-003	0.14	-0.33	40.01	-5.87	-15.29
	562	-6.94e-003	0.34	-0.29	47.34	-6.69	-9.85
	563	6.18e-003	0.34	-0.28	56.77	-6.34	-11.08
	550	6.18e-003	0.14	-0.32	45.77	-5.40	-16.52
456	548	-1.39e-002	0.17	-0.34	32.60	-3.40	-15.07
	561	-1.39e-002	0.41	-0.31	39.05	-3.66	-11.43
	562	-6.94e-003	0.41	-0.30	45.08	-2.59	-11.48
	549	-6.94e-003	0.17	-0.33	36.72	-2.78	-15.12
457	547	-2.08e-002	0.21	-0.35	28.13	-3.59	-14.31
	560	-2.08e-002	0.47	-0.32	33.55	-4.68	-12.05
	561	-1.39e-002	0.47	-0.31	36.82	-2.18	-12.78
	548	-1.39e-002	0.21	-0.34	31.19	-2.22	-15.04
458	546	-2.40e-002	0.24	-0.36	25.15	-4.32	-12.12
	559	-2.40e-002	0.53	-0.33	29.23	-6.10	-10.40
	560	-2.08e-002	0.53	-0.32	31.77	-3.95	-12.21
	547	-2.08e-002	0.24	-0.36	27.42	-3.13	-13.93
459	545	-2.15e-002	0.26	-0.37	22.60	-3.90	-9.25
	558	-2.15e-002	0.60	-0.34	25.12	-5.60	-7.61
	559	-2.40e-002	0.60	-0.33	28.02	-5.01	-9.76
	546	-2.40e-002	0.26	-0.37	24.28	-3.63	-11.40
460	544	-1.83e-002	0.29	-0.38	19.97	-2.57	-7.18
	557	-1.83e-002	0.67	-0.35	22.30	-3.62	-5.87
	558	-2.15e-002	0.67	-0.34	24.68	-3.46	-7.22
	545	-2.15e-002	0.29	-0.38	21.23	-2.57	-8.53
461	543	-1.85e-002	0.32	-0.39	18.40	-2.61	-5.20
	556	-1.85e-002	0.74	-0.36	20.66	-3.86	-4.50
	557	-1.83e-002	0.74	-0.35	21.68	-2.81	-5.86
	544	-1.83e-002	0.32	-0.39	19.35	-2.11	-6.57
462	542	-1.90e-002	0.35	-0.40	17.59	-3.39	-2.72

	555	-1.90e-002	0.82	-0.37	19.42	-5.00	-2.25
	556	-1.85e-002	0.82	-0.36	20.10	-3.71	-4.06
	543	-1.85e-002	0.35	-0.40	18.21	-2.73	-4.53
463	338	-1.72e-002	0.38	-0.41	16.84	-3.55	-0.19
	290	-1.72e-002	0.89	-0.38	17.81	-4.92	0.41
	555	-1.90e-002	0.89	-0.37	19.13	-4.57	-1.38
	542	-1.90e-002	0.38	-0.41	17.21	-3.37	-1.99
464	540	-0.12	2.92e-002	-0.64	35.77	8.63	-67.69
	553	-0.12	-0.14	-0.72	112.57	-15.15	-61.86
	554	-0.32	-0.14	-0.15	137.29	2.83	-78.60
	541	-0.32	2.92e-002	-7.13e-002	27.32	3.02	-84.42
465	539	1.95e-002	4.41e-002	-0.43	40.67	-3.25	-43.67
	552	1.95e-002	-0.28	-0.42	76.49	-11.66	-35.59
	553	-0.12	-0.28	-0.70	102.78	-13.63	-56.37
	540	-0.12	4.41e-002	-0.71	36.92	7.71	-64.44
466	538	2.86e-002	-9.27e-002	-0.40	36.27	-5.21	-29.81
	551	2.86e-002	-6.82e-003	-0.37	56.85	-10.17	-24.22
	552	1.95e-002	-6.82e-003	-0.36	74.19	-9.79	-34.71
	539	1.95e-002	-9.27e-002	-0.39	34.53	0.28	-40.30
467	537	1.34e-002	-7.09e-002	-0.34	31.10	-5.47	-23.11
	550	1.34e-002	7.53e-002	-0.32	44.59	-8.15	-19.00
	551	2.86e-002	7.53e-002	-0.34	54.78	-7.99	-24.38
	538	2.86e-002	-7.09e-002	-0.36	32.37	-2.98	-28.48
468	536	1.65e-003	-6.31e-002	-0.35	26.49	-4.13	-19.66
	549	1.65e-003	0.14	-0.34	35.96	-5.53	-16.51
	550	1.34e-002	0.14	-0.33	42.83	-5.97	-19.36
	537	1.34e-002	-6.31e-002	-0.34	28.42	-3.28	-22.51
469	535	-6.97e-003	-5.81e-002	-0.36	22.82	-2.59	-17.91
	548	-6.97e-003	0.17	-0.35	30.28	-3.39	-15.73
	549	1.65e-003	0.17	-0.34	34.59	-3.52	-17.23
	536	1.65e-003	-5.81e-002	-0.35	24.61	-2.17	-19.42
470	534	-1.34e-002	-5.92e-002	-0.36	20.59	-2.16	-16.16
	547	-1.34e-002	0.21	-0.36	26.65	-3.28	-14.83
	548	-6.97e-003	0.21	-0.35	28.91	-2.67	-16.37
	535	-6.97e-003	-5.92e-002	-0.36	22.04	-1.59	-17.70
471	533	-1.61e-002	-6.38e-002	-0.37	19.18	-2.16	-13.66
	546	-1.61e-002	0.24	-0.37	23.89	-3.68	-12.68
	547	-1.34e-002	0.24	-0.36	25.50	-3.11	-14.75
	534	-1.34e-002	-6.38e-002	-0.37	20.31	-1.66	-15.74
472	532	-1.46e-002	-7.17e-002	-0.39	17.92	-1.75	-10.78
	545	-1.46e-002	0.26	-0.38	21.24	-3.22	-9.81
	546	-1.61e-002	0.26	-0.37	23.06	-3.29	-12.05
	533	-1.61e-002	-7.17e-002	-0.38	18.81	-1.56	-13.02
473	531	-1.22e-002	-8.21e-002	-0.39	16.54	-1.01	-8.26
	544	-1.22e-002	0.29	-0.39	19.24	-2.15	-7.44
	545	-1.46e-002	0.29	-0.38	20.81	-2.34	-9.26
	532	-1.46e-002	-8.21e-002	-0.39	17.26	-0.87	-10.08
474	530	-1.16e-002	-9.46e-002	-0.40	15.61	-0.98	-5.84
	543	-1.16e-002	0.32	-0.40	18.00	-2.16	-5.35
	544	-1.22e-002	0.32	-0.39	18.78	-1.84	-7.08
	531	-1.22e-002	-9.46e-002	-0.40	16.19	-0.55	-7.56
475	529	-1.15e-002	-0.11	-0.41	15.11	-1.55	-3.27
	542	-1.15e-002	0.35	-0.41	17.10	-2.81	-2.94
	543	-1.16e-002	0.35	-0.40	17.61	-2.30	-4.80
	530	-1.16e-002	-0.11	-0.41	15.50	-0.91	-5.12
476	335	-1.07e-002	-0.13	-0.42	14.72	-2.07	-0.91
	338	-1.07e-002	0.38	-0.42	15.96	-3.04	-0.53
	542	-1.15e-002	0.38	-0.42	16.89	-2.88	-2.18
	529	-1.15e-002	-0.13	-0.42	14.88	-1.48	-2.57
477	528	-0.20	0.43	-0.39	-54.44	24.11	-32.67

	540	-0.20	2.92e-002	-0.42	5.77	18.04	-66.02
	541	0.80	2.92e-002	-0.45	1.21	-9.14	-85.29
	365	0.80	0.43	-0.43	-143.01	12.39	-51.94
478	527	-5.36e-002	4.50e-002	-0.37	-9.85	11.29	-32.96
	539	-5.36e-002	4.41e-002	-0.46	22.73	3.85	-45.01
	540	-0.20	4.41e-002	-0.49	14.59	5.69	-58.96
	528	-0.20	4.50e-002	-0.39	-35.35	18.24	-46.91
479	526	1.03e-002	-0.14	-0.33	5.73	2.33	-27.38
	538	1.03e-002	-9.27e-002	-0.40	26.24	-2.41	-30.87
	539	-5.36e-002	-9.27e-002	-0.42	28.33	-0.34	-39.33
	527	-5.36e-002	-0.14	-0.36	-6.10	7.05	-35.84
480	525	1.36e-002	-0.22	-0.33	10.60	-0.93	-23.51
	537	1.36e-002	-7.09e-002	-0.35	24.77	-4.16	-23.90
	538	1.03e-002	-7.09e-002	-0.36	28.03	-3.44	-28.93
	526	1.03e-002	-0.22	-0.33	6.23	0.54	-28.53
481	524	7.39e-003	-0.25	-0.33	11.93	-1.22	-20.64
	536	7.39e-003	-6.31e-002	-0.35	22.12	-3.47	-20.18
	537	1.36e-002	-6.31e-002	-0.35	25.18	-3.76	-23.33
	525	1.36e-002	-0.25	-0.32	10.14	-1.50	-23.79
482	523	-9.35e-004	-0.29	-0.33	12.27	-0.46	-18.55
	535	-9.35e-004	-5.81e-002	-0.36	20.03	-2.22	-18.11
	536	7.39e-003	-5.81e-002	-0.36	22.15	-2.68	-20.22
	524	7.39e-003	-0.29	-0.33	11.37	-1.41	-20.66
483	522	-7.08e-003	-0.32	-0.34	12.69	9.41e-002	-16.46
	534	-7.08e-003	-5.92e-002	-0.37	18.72	-1.68	-16.27
	535	-9.35e-004	-5.92e-002	-0.36	19.83	-1.88	-18.21
	523	-9.35e-004	-0.32	-0.33	12.11	-0.89	-18.40
484	521	-9.26e-003	-0.36	-0.34	13.13	0.41	-13.98
	533	-9.26e-003	-6.38e-002	-0.38	17.73	-1.51	-13.85
	534	-7.08e-003	-6.38e-002	-0.37	18.50	-1.62	-15.98
	522	-7.08e-003	-0.36	-0.34	12.73	-0.48	-16.11
485	520	-8.03e-003	-0.41	-0.35	13.28	0.83	-11.26
	532	-8.03e-003	-7.17e-002	-0.38	16.64	-1.05	-11.00
	533	-9.26e-003	-7.17e-002	-0.38	17.60	-1.29	-13.20
	521	-9.26e-003	-0.41	-0.35	13.04	-2.85e-002	-13.45
486	519	-5.86e-003	-0.46	-0.36	13.08	1.27	-8.64
	531	-5.86e-003	-8.21e-002	-0.39	15.70	-0.43	-8.35
	532	-8.03e-003	-8.21e-002	-0.39	16.63	-0.59	-10.33
	520	-8.03e-003	-0.46	-0.36	12.97	0.56	-10.63
487	518	-4.81e-003	-0.51	-0.37	12.86	1.24	-6.07
	530	-4.81e-003	-9.46e-002	-0.40	15.04	-0.43	-5.86
	531	-5.86e-003	-9.46e-002	-0.40	15.65	-0.20	-7.76
	519	-5.86e-003	-0.51	-0.36	12.83	0.85	-7.97
488	517	-4.99e-003	-0.57	-0.38	12.75	0.66	-3.47
	529	-4.99e-003	-0.11	-0.41	14.52	-0.97	-3.32
	530	-4.81e-003	-0.11	-0.41	15.02	-0.48	-5.20
	518	-4.81e-003	-0.57	-0.37	12.66	0.58	-5.35
489	291	-5.29e-003	-0.63	-0.38	12.70	-0.19	-1.17
	335	-5.29e-003	-0.13	-0.42	13.87	-1.59	-0.99
	529	-4.99e-003	-0.13	-0.42	14.62	-1.05	-2.61
	517	-4.99e-003	-0.63	-0.38	12.44	-0.13	-2.79
490	515	-9.44e-002	2.51e-002	-0.13	-77.48	44.92	-1.44
	528	-9.44e-002	0.43	-0.26	-66.37	15.69	-28.58
	365	0.47	0.43	-0.24	-83.03	9.40	-6.09
	516	0.47	2.51e-002	-0.11	-145.00	-48.82	21.04
491	514	-4.80e-002	-0.13	-0.26	-38.28	14.67	-15.58
	527	-4.80e-002	4.50e-002	-0.33	-20.74	12.19	-32.63
	528	-9.44e-002	4.50e-002	-0.25	-52.24	16.68	-28.23
	515	-9.44e-002	-0.13	-0.18	-59.70	8.52	-11.17
492	513	-2.30e-003	-0.26	-0.32	-17.70	2.68	-20.96

	526	-2.30e-003	-0.14	-0.31	-1.19	2.71	-27.87
	527	-4.80e-002	-0.14	-0.31	-13.12	6.69	-28.58
	514	-4.80e-002	-0.26	-0.32	-27.20	7.64	-21.67
493	512	1.45e-002	-0.35	-0.34	-7.78	-1.19	-21.14
	525	1.45e-002	-0.22	-0.31	5.79	-0.58	-24.04
	526	-2.30e-003	-0.22	-0.31	1.03	0.37	-26.25
	513	-2.30e-003	-0.35	-0.34	-12.00	3.84	-23.35
494	511	1.05e-002	-0.42	-0.35	-2.22	-2.21	-19.56
	524	1.05e-002	-0.25	-0.31	8.58	-0.99	-21.08
	525	1.45e-002	-0.25	-0.31	6.20	-1.59	-23.32
	512	1.45e-002	-0.42	-0.35	-4.55	2.53	-21.81
495	510	3.56e-003	-0.49	-0.35	1.62	-1.73	-17.80
	523	3.56e-003	-0.29	-0.31	10.15	-0.31	-18.85
	524	1.05e-002	-0.29	-0.31	8.32	-1.47	-20.78
	511	1.05e-002	-0.49	-0.35	0.19	2.44	-19.73
496	509	-2.37e-003	-0.56	-0.36	4.68	-1.20	-15.90
	522	-2.37e-003	-0.32	-0.32	11.46	0.30	-16.79
	523	3.56e-003	-0.32	-0.32	9.56	-0.77	-18.59
	510	3.56e-003	-0.56	-0.35	3.85	3.06	-17.71
497	508	-4.06e-003	-0.63	-0.36	6.95	-0.78	-13.81
	521	-4.06e-003	-0.36	-0.32	12.44	0.71	-14.43
	522	-2.37e-003	-0.36	-0.32	10.64	-0.12	-16.29
	509	-2.37e-003	-0.63	-0.36	6.82	3.77	-15.67
498	507	-3.20e-003	-0.71	-0.37	8.42	-0.34	-11.46
	520	-3.20e-003	-0.41	-0.33	12.90	1.18	-11.79
	521	-4.06e-003	-0.41	-0.33	11.43	0.51	-13.72
	508	-4.06e-003	-0.71	-0.36	8.87	4.52	-13.39
499	506	-1.65e-003	-0.79	-0.37	9.21	-4.20e-002	-9.04
	519	-1.65e-003	-0.46	-0.34	13.05	1.57	-9.16
	520	-3.20e-003	-0.46	-0.33	11.80	1.15	-11.03
	507	-3.20e-003	-0.79	-0.37	10.07	5.17	-10.90
500	505	-8.81e-004	-0.88	-0.37	9.59	-4.46e-002	-6.56
	518	-8.81e-004	-0.51	-0.34	13.01	1.53	-6.56
	519	-1.65e-003	-0.51	-0.34	11.83	1.52	-8.41
	506	-1.65e-003	-0.88	-0.37	10.76	5.48	-8.41
501	504	-8.31e-004	-0.98	-0.38	9.88	-0.80	-4.02
	517	-8.31e-004	-0.57	-0.35	12.88	0.92	-3.99
	518	-8.81e-004	-0.57	-0.35	11.77	1.31	-5.79
	505	-8.81e-004	-0.98	-0.38	11.08	5.33	-5.81
502	330	-2.16e-003	-1.08	-0.38	9.91	-1.92	-1.90
	291	-2.16e-003	-0.63	-0.35	12.46	-6.79e-002	-1.72
	517	-8.31e-004	-0.63	-0.35	11.73	0.60	-3.23
	504	-8.31e-004	-1.08	-0.38	11.18	4.39	-3.40
503	503	-1.71e-002	-0.58	-5.46e-002	-53.15	8.61	13.40
	515	-1.71e-002	2.51e-002	-0.10	-72.97	38.16	4.22
	516	-2.99e-002	2.51e-002	-6.88e-002	-133.74	-51.68	16.26
	361	-2.99e-002	-0.58	-2.83e-002	-20.87	-37.66	25.44
504	502	-3.55e-002	-0.38	-0.14	-43.24	16.91	-0.51
	514	-3.55e-002	-0.13	-0.22	-41.71	12.54	-10.29
	515	-1.71e-002	-0.13	-0.15	-66.12	5.68	-0.96
	503	-1.71e-002	-0.38	-7.17e-002	-49.18	-10.72	8.82
505	501	1.10e-003	-0.38	-0.18	-27.72	22.58	-9.32
	513	1.10e-003	-0.26	-0.30	-25.22	3.80	-16.06
	514	-3.55e-002	-0.26	-0.29	-31.01	4.15	-12.92
	502	-3.55e-002	-0.38	-0.16	-42.86	-18.69	-6.17
506	500	1.26e-002	-0.48	-0.19	-15.93	25.32	-11.80
	512	1.26e-002	-0.35	-0.33	-16.27	1.19	-16.33
	513	1.10e-003	-0.35	-0.33	-13.05	0.74	-16.73
	501	1.10e-003	-0.48	-0.18	-33.19	-22.87	-12.21
507	499	1.18e-002	-0.59	-0.19	-7.72	25.71	-11.45

	511	1.18e-002	-0.42	-0.33	-10.23	0.40	-14.80
	512	1.26e-002	-0.42	-0.33	-3.41	-0.22	-16.25
	500	1.26e-002	-0.59	-0.19	-24.92	-23.67	-12.90
508	498	5.62e-003	-0.69	-0.19	-0.57	26.59	-10.14
	510	5.62e-003	-0.49	-0.34	-5.65	1.01	-13.09
	511	1.18e-002	-0.49	-0.34	2.56	-0.20	-14.69
	499	1.18e-002	-0.69	-0.19	-17.92	-23.71	-11.74
509	497	-4.36e-004	-0.79	-0.19	5.34	27.23	-8.81
	509	-4.36e-004	-0.56	-0.35	-1.79	1.60	-11.34
	510	5.62e-003	-0.56	-0.34	7.04	0.55	-12.81
	498	5.62e-003	-0.79	-0.19	-11.33	-23.18	-10.28
510	496	-1.84e-003	-0.89	-0.19	9.57	28.17	-7.50
	508	-1.84e-003	-0.63	-0.35	1.00	2.10	-9.40
	509	-4.36e-004	-0.63	-0.35	10.58	1.43	-10.87
	497	-4.36e-004	-0.89	-0.19	-5.93	-22.75	-8.97
511	495	-1.41e-003	-1.00	-0.19	12.31	29.01	-5.80
	507	-1.41e-003	-0.71	-0.35	2.75	2.60	-7.17
	508	-1.84e-003	-0.71	-0.35	13.09	2.32	-8.76
	496	-1.84e-003	-1.00	-0.19	-2.30	-22.05	-7.39
512	494	-4.68e-004	-1.11	-0.19	13.94	29.45	-3.79
	506	-4.68e-004	-0.79	-0.36	3.79	2.90	-4.80
	507	-1.41e-003	-0.79	-0.36	14.67	3.07	-6.44
	495	-1.41e-003	-1.11	-0.19	-6.62e-002	-21.36	-5.43
513	493	1.06e-005	-1.23	-0.19	14.95	29.63	-1.60
	505	1.06e-005	-0.88	-0.36	4.30	2.93	-2.37
	506	-4.68e-004	-0.88	-0.36	15.58	3.42	-4.05
	494	-4.68e-004	-1.23	-0.19	1.27	-21.11	-3.28
514	492	4.56e-005	-1.37	-0.19	15.25	28.47	0.69
	504	4.56e-005	-0.98	-0.35	4.58	2.09	0.13
	505	1.06e-005	-0.98	-0.36	15.95	3.38	-1.53
	493	1.06e-005	-1.37	-0.19	2.12	-20.86	-0.97
515	287	-1.37e-003	-1.53	-0.18	14.82	27.01	2.81
	330	-1.37e-003	-1.08	-0.35	5.30	0.91	2.30
	504	4.56e-005	-1.08	-0.36	16.20	2.32	0.78
	492	4.56e-005	-1.53	-0.18	2.31	-21.82	1.30
516	489	2.78e-003	-0.23	-0.22	-11.82	-23.41	7.86
	503	2.78e-003	-0.58	-0.16	-38.44	-29.00	16.54
	361	-0.13	-0.58	-0.12	-13.49	-16.38	20.02
	491	-0.13	-0.23	-0.18	-19.58	-29.00	11.34
517	487	3.58e-002	-0.31	-0.22	-17.27	-13.28	-0.20
	502	3.58e-002	-0.38	-0.12	-37.62	-13.26	1.63e-002
	503	2.78e-003	-0.38	-0.14	-37.53	-1.93	9.16
	489	2.78e-003	-0.31	-0.24	-16.95	-20.38	8.95
518	485	2.50e-002	-0.40	-0.21	-14.44	-7.58	-5.86
	501	2.50e-002	-0.38	-0.16	-29.35	-12.90	-10.90
	502	3.58e-002	-0.38	-0.15	-35.64	5.37	-4.45
	487	3.58e-002	-0.40	-0.20	-18.14	-12.99	0.59
519	483	2.17e-002	-0.51	-0.19	-9.16	-6.20	-8.70
	500	2.17e-002	-0.48	-0.17	-20.86	-14.95	-14.21
	501	2.50e-002	-0.48	-0.17	-26.69	4.68	-11.46
	485	2.50e-002	-0.51	-0.19	-14.25	-9.63	-5.95
520	481	1.36e-002	-0.63	-0.20	-4.44	-6.13	-9.22
	499	1.36e-002	-0.59	-0.18	-13.85	-17.02	-13.91
	500	2.17e-002	-0.59	-0.17	-17.92	3.59	-13.32
	483	2.17e-002	-0.63	-0.19	-9.67	-8.49	-8.62
521	479	1.27e-002	-0.75	-0.20	-1.36	-7.31	-8.63
	498	1.27e-002	-0.69	-0.18	-7.54	-18.75	-12.57
	499	1.36e-002	-0.69	-0.18	-10.86	2.61	-12.84
	481	1.36e-002	-0.75	-0.19	-5.86	-8.28	-8.89
522	477	5.70e-003	-0.87	-0.20	0.65	-9.41	-8.18

	497	5.70e-003	-0.79	-0.18	-2.14	-21.01	-11.49
	498	1.27e-002	-0.79	-0.18	-4.54	1.05	-11.76
	479	1.27e-002	-0.87	-0.20	-3.51	-10.01	-8.45
523	475	1.77e-003	-9.99e-001	-0.21	2.52	-10.14	-7.70
	496	1.77e-003	-0.89	-0.19	1.71	-22.49	-10.43
	497	5.70e-003	-0.89	-0.18	0.43	-2.34e-002	-10.96
	477	5.70e-003	-9.99e-001	-0.20	-1.62	-11.30	-8.23
524	473	-1.70e-003	-1.12	-0.20	4.14	-11.08	-6.73
	495	-1.70e-003	-1.00	-0.18	4.22	-23.94	-8.91
	496	1.77e-003	-1.00	-0.19	3.87	-1.13	-9.92
	475	1.77e-003	-1.12	-0.21	0.18	-11.95	-7.74
525	471	-8.24e-003	-1.25	-0.20	5.26	-12.29	-5.34
	494	-8.24e-003	-1.11	-0.18	5.83	-25.20	-7.04
	495	-1.70e-003	-1.11	-0.18	6.14	-2.52	-8.36
	473	-1.70e-003	-1.25	-0.20	1.57	-12.77	-6.65
526	469	-7.89e-003	-1.38	-0.18	5.91	-13.81	-3.63
	493	-7.89e-003	-1.23	-0.18	6.85	-26.40	-4.98
	494	-8.24e-003	-1.23	-0.18	7.51	-4.39	-6.49
	471	-8.24e-003	-1.38	-0.19	2.59	-13.92	-5.15
527	467	-9.72e-003	-1.50	-0.16	6.29	-15.64	-1.77
	492	-9.72e-003	-1.37	-0.17	7.23	-27.69	-2.78
	493	-7.89e-003	-1.37	-0.17	8.31	-6.55	-4.38
	469	-7.89e-003	-1.50	-0.17	3.21	-15.37	-3.37
528	325	-3.63e-003	-1.62	-0.15	6.57	-17.71	0.13
	287	-3.63e-003	-1.53	-0.16	7.26	-29.06	-0.72
	492	-9.72e-003	-1.53	-0.16	8.52	-8.92	-2.27
	467	-9.72e-003	-1.62	-0.15	3.62	-17.16	-1.41
529	490	9.61e-004	0.13	-2.12e-002	-1.85	-27.52	5.08
	489	9.61e-004	-0.23	-0.18	-10.84	-21.60	6.39
	491	-3.82e-002	-0.23	-0.15	-8.70	-32.04	10.37
	360	-3.82e-002	0.13	8.44e-003	-1.39	-34.15	9.05
530	488	1.86e-002	-0.14	-1.57e-003	-1.85	-19.90	0.12
	487	1.86e-002	-0.31	-0.18	-11.67	-13.86	0.89
	489	9.61e-004	-0.31	-0.20	-10.88	-22.30	5.19
	490	9.61e-004	-0.14	-2.29e-002	-1.12	-24.96	4.42
531	486	4.41e-002	-0.37	1.87e-002	-1.72	-13.35	-4.47
	485	4.41e-002	-0.40	-0.15	-9.38	-8.94	-5.14
	487	1.86e-002	-0.40	-0.16	-11.28	-13.49	-0.97
	488	1.86e-002	-0.37	1.38e-002	-1.16	-17.50	-0.30
532	484	1.58e-003	-0.53	-1.20e-002	-1.14	-9.44	-7.51
	483	1.58e-003	-0.51	-0.13	-5.99	-6.80	-8.76
	485	4.41e-002	-0.51	-0.13	-9.04	-9.37	-6.14
	486	4.41e-002	-0.53	-1.58e-002	-0.57	-12.02	-4.89
533	482	3.67e-002	-0.66	2.04e-002	-0.48	-7.53	-8.79
	481	3.67e-002	-0.63	-0.13	-3.20	-6.14	-9.86
	483	1.58e-003	-0.63	-0.13	-5.72	-7.86	-8.79
	484	1.58e-003	-0.66	2.09e-002	-6.95e-002	-8.62	-7.73
534	480	-5.18e-004	-0.80	-1.50e-002	-0.12	-8.11	-9.03
	479	-5.18e-004	-0.75	-0.14	-1.36	-7.20	-9.72
	481	3.67e-002	-0.75	-0.13	-3.02	-7.59	-9.50
	482	3.67e-002	-0.80	-1.11e-002	0.18	-7.11	-8.81
535	478	1.68e-002	-0.95	1.34e-002	-8.33e-002	-10.23	-8.93
	477	1.68e-002	-0.87	-0.14	-8.47e-002	-9.37	-9.40
	479	-5.18e-004	-0.87	-0.14	-1.27	-9.66	-9.44
	480	-5.18e-004	-0.95	9.98e-003	0.18	-8.73	-8.97
536	476	8.53e-004	-1.10	-6.66e-003	-2.94e-002	-10.58	-8.59
	475	8.53e-004	-9.99e-001	-0.14	1.03	-9.93	-9.01
	477	1.68e-002	-9.99e-001	-0.14	-7.93e-002	-11.28	-9.29
	478	1.68e-002	-1.10	-9.52e-004	0.26	-10.06	-8.87
537	474	-1.33e-002	-1.25	4.93e-004	0.13	-10.90	-7.81

	473	-1.33e-002	-1.12	-0.13	2.02	-10.59	-8.18
	475	8.53e-004	-1.12	-0.14	0.97	-12.05	-8.86
	476	8.53e-004	-1.25	-6.52e-003	0.44	-10.37	-8.49
538	472	3.37e-003	-1.39	9.91e-003	0.30	-11.60	-6.57
	471	3.37e-003	-1.25	-0.13	2.75	-11.61	-6.85
	473	-1.33e-002	-1.25	-0.13	1.90	-12.92	-7.91
	474	-1.33e-002	-1.39	1.23e-002	0.59	-10.78	-7.63
539	470	-3.98e-002	-1.53	-1.31e-002	0.44	-12.75	-4.96
	469	-3.98e-002	-1.38	-0.11	3.23	-13.01	-5.16
	471	3.37e-003	-1.38	-0.12	2.58	-14.06	-6.51
	472	3.37e-003	-1.53	-1.96e-002	0.69	-11.60	-6.30
540	468	3.31e-003	-1.63	2.74e-002	0.55	-14.30	-3.09
	467	3.31e-003	-1.50	-0.10	3.54	-14.76	-3.25
	469	-3.98e-002	-1.50	-0.11	3.02	-15.52	-4.78
	470	-3.98e-002	-1.63	2.07e-002	0.76	-12.87	-4.63
541	286	-2.07e-002	-1.71	-8.99e-003	0.71	-16.11	-9.97e-001
	325	-2.07e-002	-1.62	-9.22e-002	3.78	-16.80	-1.17
	467	3.31e-003	-1.62	-8.78e-002	3.31	-17.29	-2.86
	468	3.31e-003	-1.71	-4.60e-003	0.82	-14.55	-2.69
542	453	1.12e-002	-8.77e-002	5.41e-002	-1.48	11.60	-14.94
	466	1.12e-002	-0.25	-1.60e-003	-0.21	10.62	-15.44
	359	-2.63e-003	-0.25	-1.18e-002	-0.19	6.86	-15.61
	454	-2.63e-003	-8.77e-002	4.38e-002	-2.49	6.22	-15.11
543	452	5.23e-003	-0.14	4.07e-002	-0.92	13.16	-14.82
	465	5.23e-003	-0.30	-1.41e-003	-0.13	10.80	-14.78
	466	1.12e-002	-0.30	7.76e-003	0.18	11.97	-15.32
	453	1.12e-002	-0.14	4.99e-002	-1.16	10.70	-15.36
544	451	3.37e-002	-0.19	3.87e-002	1.10	3.46	-14.38
	464	3.37e-002	-0.33	-1.64e-002	0.46	3.73	-15.69
	465	5.23e-003	-0.33	-1.94e-002	0.45	9.43	-15.20
	452	5.23e-003	-0.19	3.58e-002	-1.47	8.71	-13.90
545	450	-7.15e-003	-0.26	4.54e-002	2.16	-7.90	-17.58
	463	-7.15e-003	-0.35	1.62e-002	1.18	-5.95	-18.60
	464	3.37e-002	-0.35	1.20e-002	1.08	0.71	-16.23
	451	3.37e-002	-0.26	4.12e-002	0.25	-2.13	-15.21
546	449	3.69e-002	-0.33	6.93e-002	-3.95e-002	-13.18	-21.99
	462	3.69e-002	-0.40	-1.81e-002	1.17	-13.31	-21.29
	463	-7.15e-003	-0.40	-2.22e-002	9.96e-001	-7.90	-19.14
	450	-7.15e-003	-0.33	6.52e-002	1.53	-12.38	-19.84
547	448	4.99e-003	-0.42	6.87e-002	-1.61	-18.93	-21.65
	461	4.99e-003	-0.46	1.34e-002	5.90e-002	-21.96	-21.02
	462	3.69e-002	-0.46	1.28e-002	-0.16	-13.91	-21.70
	449	3.69e-002	-0.42	6.81e-002	-0.14	-15.58	-22.32
548	447	1.63e-002	-0.51	5.90e-002	-1.07	-35.85	-19.13
	460	1.63e-002	-0.52	-1.49e-002	-0.20	-37.65	-20.06
	461	4.99e-003	-0.52	-8.85e-003	-0.53	-26.07	-21.17
	448	4.99e-003	-0.51	6.50e-002	-2.58	-25.63	-20.23
549	446	-2.76e-003	-0.62	6.77e-002	-1.21	-52.20	-18.78
	459	-2.76e-003	-0.55	7.07e-003	-7.82e-003	-53.30	-19.54
	460	1.63e-002	-0.55	-1.34e-003	-0.48	-42.25	-19.87
	447	1.63e-002	-0.62	5.93e-002	-2.25	-42.68	-19.12
550	445	-1.05e-002	-0.73	6.64e-002	-4.00	-63.26	-18.62
	458	-1.05e-002	-0.61	-1.30e-003	-0.27	-66.68	-17.97
	459	-2.76e-003	-0.61	4.53e-003	-0.81	-56.85	-19.11
	446	-2.76e-003	-0.73	7.22e-002	-2.18	-57.96	-19.76
551	444	1.11e-002	-0.84	5.50e-002	-6.36	-74.80	-13.95
	457	1.11e-002	-0.64	-1.43e-002	-1.17	-81.14	-13.42
	458	-1.05e-002	-0.64	-1.18e-002	-1.88	-69.26	-17.34
	445	-1.05e-002	-0.84	5.75e-002	-4.61	-67.69	-17.86
552	443	-4.33e-002	-0.96	1.84e-002	-5.52	-96.71	-7.33

	456	-4.33e-002	-0.65	9.08e-003	-1.25	-101.81	-8.75
	457	1.11e-002	-0.65	1.98e-002	-1.80	-86.30	-12.79
	444	1.11e-002	-0.96	2.91e-002	-7.80	-83.25	-11.36
553	442	-2.20e-002	-1.06	2.25e-002	-2.47	-119.65	-6.40
	455	-2.20e-002	-0.62	-2.02e-002	-0.35	-119.25	-8.87
	456	-4.33e-002	-0.62	-2.39e-002	4.82e-002	-108.82	-8.61
	443	-4.33e-002	-1.06	1.88e-002	-7.76	-108.95	-6.14
554	318	-4.49e-002	-1.09	8.19e-002	-5.03	-114.99	-15.11
	285	-4.49e-002	-0.66	2.92e-002	0.70	-111.65	-14.01
	455	-2.20e-002	-0.66	2.24e-003	2.01	-121.62	-9.21
	442	-2.20e-002	-1.09	5.49e-002	-4.18	-127.98	-10.30
555	441	1.93e-003	4.67e-002	5.08e-002	-8.43	-11.71	-15.83
	453	1.93e-003	-8.77e-002	6.67e-002	1.86	9.95	-18.54
	454	3.32e-003	-8.77e-002	6.59e-002	-5.46	5.40	-14.20
	358	3.32e-003	4.67e-002	4.99e-002	-6.48	18.31	-11.49
556	440	8.23e-003	8.65e-002	6.65e-002	-3.78	0.80	-13.93
	452	8.23e-003	-0.14	7.13e-002	-0.31	13.37	-15.64
	453	1.93e-003	-0.14	6.26e-002	-5.26	11.82	-18.64
	441	1.93e-003	8.65e-002	5.78e-002	-2.21	30.45	-16.93
557	439	6.66e-003	-3.39e-003	0.10	-5.12	-3.47	-14.30
	451	6.66e-003	-0.19	8.15e-002	0.22	2.20	-14.85
	452	8.23e-003	-0.19	6.63e-002	-2.13	9.61	-15.47
	440	8.23e-003	-3.39e-003	8.66e-002	-3.85	16.53	-14.92
558	438	1.06e-002	-0.18	0.11	-7.93	-19.58	-18.85
	450	1.06e-002	-0.26	8.37e-002	1.54	-10.43	-19.28
	451	6.66e-003	-0.26	8.39e-002	-8.65e-002	-2.80	-15.93
	439	6.66e-003	-0.18	0.11	-7.17	-0.42	-15.50
559	437	7.68e-003	-0.28	0.10	-8.70	-35.87	-24.54
	449	7.68e-003	-0.33	0.10	3.28	-15.18	-26.16
	450	1.06e-002	-0.33	0.10	-1.03	-14.23	-21.37
	438	1.06e-002	-0.28	0.10	-7.60	-3.22	-19.75
560	436	1.03e-002	-0.31	0.13	-3.25	-31.26	-21.43
	448	1.03e-002	-0.42	0.12	-0.59	-18.12	-23.38
	449	7.68e-003	-0.42	0.10	-5.31	-14.71	-26.94
	437	7.68e-003	-0.31	0.11	-2.40	5.63	-24.99
561	435	3.73e-003	-0.47	0.16	-3.20	-41.58	-19.56
	447	3.73e-003	-0.51	0.12	-1.45	-36.03	-20.57
	448	1.03e-002	-0.51	0.12	-3.77	-24.31	-22.69
	436	1.03e-002	-0.47	0.15	-2.88	-14.47	-21.68
562	434	1.14e-003	-0.71	0.16	-5.68	-60.05	-21.01
	446	1.14e-003	-0.62	0.12	-1.68	-53.36	-21.25
	447	3.73e-003	-0.62	0.12	-2.89	-42.23	-20.31
	435	3.73e-003	-0.71	0.16	-4.94	-37.43	-20.08
563	433	-8.82e-005	-0.87	0.14	-7.85	-79.23	-22.68
	445	-8.82e-005	-0.73	0.12	-1.80	-64.00	-23.23
	446	1.14e-003	-0.73	0.13	-4.90	-58.06	-21.52
	434	1.14e-003	-0.87	0.15	-5.83	-46.29	-20.97
564	432	-4.46e-003	-9.96e-001	0.16	-7.46	-81.72	-17.10
	444	-4.46e-003	-0.84	0.12	-7.08	-73.67	-16.72
	445	-8.82e-005	-0.84	0.11	-9.98	-65.07	-22.12
	433	-8.82e-005	-9.96e-001	0.15	-3.82	-46.10	-22.50
565	431	-7.30e-003	-1.24	0.17	-15.47	-97.69	-12.56
	443	-7.30e-003	-0.96	9.17e-002	-11.23	-97.68	-9.46
	444	-4.46e-003	-0.96	9.18e-002	-11.24	-79.26	-14.24
	432	-4.46e-003	-1.24	0.17	-9.33	-69.62	-17.33
566	430	-2.32e-003	-1.63	0.13	-36.09	-134.32	-12.10
	442	-2.32e-003	-1.06	6.79e-002	-7.44	-124.45	-7.81
	443	-7.30e-003	-1.06	9.21e-002	-13.77	-106.15	-8.84
	431	-7.30e-003	-1.63	0.15	-21.28	-94.22	-13.12
567	284	6.14e-003	-1.83	-3.74e-002	-50.96	-143.55	-18.30

	318	6.14e-003	-1.09	2.65e-002	-1.59	-120.57	-16.82
	442	-2.32e-003	-1.09	0.10	-8.65	-131.18	-11.84
	430	-2.32e-003	-1.83	3.64e-002	-40.95	-118.25	-13.33
568	427	-2.20e-003	-0.16	-0.12	-4.86	2.53	-12.99
	441	-2.20e-003	4.67e-002	4.23e-002	-4.93	9.87	-13.67
	358	0.12	4.67e-002	0.15	-8.23	-3.44	-12.87
	429	0.12	-0.16	-1.22e-002	-3.65	2.87	-12.19
569	425	-0.13	-6.88e-002	3.42e-002	-5.67	4.57	-16.20
	440	-0.13	8.65e-002	0.17	-1.64	14.98	-16.89
	441	-2.20e-003	8.65e-002	4.01e-002	-7.15	-2.84	-14.24
	427	-2.20e-003	-6.88e-002	-0.10	-2.28	4.16	-13.55
570	423	8.46e-003	-6.23e-002	0.21	-8.00	1.94	-19.57
	439	8.46e-003	-3.39e-003	9.17e-002	-2.73	19.24	-18.81
	440	-0.13	-3.39e-003	0.15	-8.20	-9.60	-16.26
	425	-0.13	-6.23e-002	0.27	-0.17	4.42	-17.02
571	421	0.13	1.93e-002	0.29	-9.42	-0.66	-21.65
	438	0.13	-0.18	0.16	-5.51	17.57	-21.05
	439	8.46e-003	-0.18	9.03e-002	-12.70	-15.23	-19.49
	423	8.46e-003	1.93e-002	0.22	-0.37	0.98	-20.09
572	419	-7.42e-003	5.20e-002	9.85e-003	-8.64	0.16	-22.49
	437	-7.42e-003	-0.28	9.45e-002	-3.67	15.58	-23.64
	438	0.13	-0.28	0.18	-14.00	-14.07	-22.68
	421	0.13	5.20e-002	0.10	-1.89	0.10	-21.53
573	417	-0.13	0.19	0.17	-7.96	2.53	-23.71
	436	-0.13	-0.31	0.23	1.59	21.25	-25.41
	437	-7.42e-003	-0.31	0.10	-10.44	-15.43	-23.89
	419	-7.42e-003	0.19	3.54e-002	-1.19	1.32	-22.19
574	415	3.72e-003	0.24	0.34	-8.90	-0.88	-25.16
	435	3.72e-003	-0.47	0.15	2.76	24.66	-25.37
	436	-0.13	-0.47	0.21	-9.06	-22.65	-24.19
	417	-0.13	0.24	0.40	2.29	1.37	-23.99
575	413	9.13e-002	0.37	0.40	-10.26	-3.69	-25.60
	434	9.13e-002	-0.71	0.19	0.49	21.90	-25.16
	435	3.72e-003	-0.71	0.14	-11.44	-27.53	-25.19
	415	3.72e-003	0.37	0.35	3.03	-1.92	-25.63
576	411	-1.70e-002	0.46	0.17	-11.16	-3.97	-24.47
	433	-1.70e-002	-0.87	0.14	0.15	19.08	-24.78
	434	9.13e-002	-0.87	0.21	-12.82	-26.41	-25.55
	413	9.13e-002	0.46	0.24	0.88	-2.36	-25.25
577	409	-0.11	0.63	0.29	-12.56	-4.25	-24.27
	432	-0.11	-9.96e-001	0.25	-0.32	21.42	-24.26
	433	-1.70e-002	-9.96e-001	0.14	-11.73	-28.18	-24.00
	411	-1.70e-002	0.63	0.19	-1.12	-2.84	-24.01
578	407	-1.46e-002	0.71	0.40	-20.35	-10.86	-27.08
	431	-1.46e-002	-1.24	0.15	-8.13	21.51	-23.63
	432	-0.11	-1.24	0.23	-15.78	-35.28	-22.03
	409	-0.11	0.71	0.48	-2.01	-4.98	-25.47
579	405	0.31	0.91	0.52	-33.31	-18.19	-28.46
	430	0.31	-1.63	0.31	-32.27	3.93	-20.07
	431	-1.46e-002	-1.63	0.16	-29.83	-36.52	-21.91
	407	-1.46e-002	0.91	0.37	-9.72	-12.03	-30.30
580	305	0.29	0.60	-0.35	-35.65	-9.98	-13.75
	284	0.29	-1.83	-0.13	-55.52	-24.01	-8.96
	430	0.31	-1.83	0.29	-49.56	-12.27	-21.41
	405	0.31	0.60	7.15e-002	-26.74	-10.24	-26.20
581	428	-2.76e-002	0.14	0.19	-0.94	1.50	-11.79
	427	-2.76e-002	-0.16	-0.28	-3.63	1.56	-11.91
	429	-7.99e-002	-0.16	4.46e-002	-3.96	3.43	-10.43
	367	-7.99e-002	0.14	0.51	-0.95	1.25	-10.30
582	426	0.10	-0.82	0.54	-0.32	2.60	-14.07

	425	0.10	-6.88e-002	5.62e-002	-3.43	2.97	-14.32
	427	-2.76e-002	-6.88e-002	-0.25	-2.89	4.38	-12.42
	428	-2.76e-002	-0.82	0.23	-1.52	1.88	-12.17
583	424	6.46e-003	-0.13	-9.16e-002	-0.16	0.43	-17.04
	423	6.46e-003	-6.23e-002	0.14	-3.73	0.10	-17.00
	425	0.10	-6.23e-002	0.29	-2.93	5.00	-14.98
	426	0.10	-0.13	5.98e-002	-0.84	1.64	-15.03
584	422	-6.88e-002	0.25	5.52e-002	-0.52	-1.63	-19.44
	421	-6.88e-002	1.93e-002	0.31	-4.33	-2.36	-19.22
	423	6.46e-003	1.93e-002	0.16	-3.44	2.10	-17.52
	424	6.46e-003	0.25	-0.10	-0.81	-1.19	-17.74
585	420	-4.65e-002	0.96	0.20	-4.87	2.94	-20.93
	419	-4.65e-002	5.20e-002	-0.15	-5.57	-1.57	-19.25
	421	-6.88e-002	5.20e-002	0.12	-4.47	1.89	-19.21
	422	-6.88e-002	0.96	0.47	-1.49	-2.67	-20.89
586	418	9.44e-002	0.20	0.53	-0.81	0.32	-17.91
	417	9.44e-002	0.19	0.16	-3.88	0.63	-20.00
	419	-4.65e-002	0.19	-0.13	-4.61	2.75	-19.91
	420	-4.65e-002	0.20	0.24	-5.65	2.93	-17.82
587	416	6.34e-004	1.08	-9.09e-002	6.75e-002	-1.58	-20.96
	415	6.34e-004	0.24	0.25	-2.87	-3.42	-21.26
	417	9.44e-002	0.24	0.40	-2.30	3.17	-19.91
	418	9.44e-002	1.08	4.97e-002	-1.30	-0.71	-19.61
588	414	-5.42e-002	1.64	3.28e-002	-0.43	-3.71	-22.70
	413	-5.42e-002	0.37	0.39	-3.60	-5.94	-22.35
	415	6.34e-004	0.37	0.27	-2.17	0.28	-21.31
	416	6.34e-004	1.64	-8.84e-002	-0.93	-3.52	-21.66
589	412	-5.87e-002	2.42	0.13	-7.28	1.57	-23.56
	411	-5.87e-002	0.46	2.28e-002	-7.26	-6.21	-20.39
	413	-5.42e-002	0.46	0.23	-3.92	0.72	-21.56
	414	-5.42e-002	2.42	0.34	-2.19	-5.31	-24.73
590	410	7.74e-002	2.08	0.41	-0.88	-8.20	-18.42
	409	7.74e-002	0.63	0.27	-7.91	-6.49	-20.85
	411	-5.87e-002	0.63	3.94e-002	-6.15	-0.60	-20.78
	412	-5.87e-002	2.08	0.18	-9.09	1.01	-18.36
591	408	-2.96e-003	3.01	-0.10	-0.85	-15.49	-26.18
	407	-2.96e-003	0.71	0.34	-10.76	-14.20	-25.08
	409	7.74e-002	0.71	0.46	-5.82	-3.27	-20.51
	410	7.74e-002	3.01	2.28e-002	-2.87	-8.86	-21.61
592	406	-0.20	3.66	1.30e-002	-6.59	-16.88	-32.79
	405	-0.20	0.91	0.40	-15.29	-18.10	-29.92
	407	-2.96e-003	0.91	0.31	-11.58	-11.51	-26.06
	408	-2.96e-003	3.66	-7.15e-002	-2.66	-18.54	-28.93
593	293	0.79	5.19	1.00	-26.71	40.39	-25.68
	305	0.79	0.60	-3.91e-002	-38.63	-2.53	-12.25
	405	-0.20	0.60	-4.74e-002	-22.44	-5.84	-25.88
	406	-0.20	5.19	0.99	-7.18	-28.25	-39.31
594	390	-4.71e-002	8.89e-002	-0.31	-4.60	-21.11	33.19
	404	-4.71e-002	-0.18	0.23	-4.44	-21.11	31.11
	366	8.42e-002	-0.18	0.55	-2.40	-27.59	27.01
	392	8.42e-002	8.89e-002	2.30e-002	-12.15	-21.42	29.08
595	388	-9.27e-002	1.49e-002	1.93e-002	0.95	-22.56	32.30
	403	-9.27e-002	0.83	0.51	-0.67	-21.32	29.84
	404	-4.71e-002	0.83	0.20	-1.44	-24.98	30.74
	390	-4.71e-002	1.49e-002	-0.29	-4.82	-25.09	33.20
596	386	-1.32e-002	4.30e-002	0.11	4.37	-13.32	28.24
	402	-1.32e-002	0.21	-7.95e-002	0.20	-11.78	27.47
	403	-9.27e-002	0.21	6.34e-002	0.80	-20.03	29.78
	388	-9.27e-002	4.30e-002	0.26	1.73	-21.97	30.55
597	384	8.23e-002	1.58e-002	0.30	6.10	-2.40	24.59

	401	8.23e-002	-0.18	7.20e-002	0.86	-1.03	24.17
	402	-1.32e-002	-0.18	-8.78e-002	0.88	-8.24	26.71
	386	-1.32e-002	1.58e-002	0.14	4.97	-10.69	27.13
598	382	-6.17e-002	3.93e-002	-0.20	9.32	1.46	23.31
	400	-6.17e-002	-0.94	0.25	4.13	0.27	21.46
	401	8.23e-002	-0.94	0.54	1.39	1.75	22.75
	384	8.23e-002	3.93e-002	9.09e-002	7.16	-1.38	24.60
599	380	-8.81e-002	-5.65e-002	9.01e-002	9.75	-2.93	18.97
	399	-8.81e-002	-0.11	0.48	1.52	2.34	20.00
	400	-6.17e-002	-0.11	0.20	5.44	-1.90	23.44
	382	-6.17e-002	-5.65e-002	-0.19	8.56	-1.82	22.42
600	378	-1.30e-002	-6.97e-002	0.19	10.19	2.94	11.56
	398	-1.30e-002	-0.84	-7.74e-002	1.16	6.62	11.44
	399	-8.81e-002	-0.84	4.88e-002	2.07	2.29	17.24
	380	-8.81e-002	-6.97e-002	0.32	8.95	-2.75	17.37
601	376	6.03e-002	-0.15	0.36	11.92	10.82	4.13
	397	6.03e-002	-1.33	5.20e-002	1.77	14.01	3.55
	398	-1.30e-002	-1.33	-8.24e-002	1.69	9.35	9.27
	378	-1.30e-002	-0.15	0.22	10.47	3.93	9.85
602	374	-7.42e-002	-0.19	-1.60e-002	17.34	13.79	0.12
	396	-7.42e-002	-2.14	0.19	9.13	11.93	-3.68
	397	6.03e-002	-2.14	0.42	3.03	16.21	-3.18e-002
	376	6.03e-002	-0.19	0.21	13.33	8.86	3.77
603	372	-7.38e-002	-0.31	0.22	18.30	12.84	-8.43
	395	-7.38e-002	-1.75	0.35	2.82	22.03	-6.02
	396	-7.42e-002	-1.75	0.13	10.91	10.63	0.21
	374	-7.42e-002	-0.31	-5.89e-005	16.61	10.45	-2.19
604	370	-7.16e-003	-0.35	0.32	20.93	25.14	-21.12
	394	-7.16e-003	-2.59	-7.57e-002	2.66	32.91	-22.10
	395	-7.38e-002	-2.59	2.05e-002	3.88	23.12	-11.38
	372	-7.38e-002	-0.35	0.41	17.11	14.76	-10.40
605	368	0.19	-0.51	0.39	28.24	33.01	-33.02
	393	0.19	-3.24	2.11e-002	9.47	38.42	-37.08
	394	-7.16e-003	-3.24	-5.83e-002	3.94	36.60	-27.23
	370	-7.16e-003	-0.51	0.31	22.97	27.20	-23.17
606	298	-0.82	-0.20	-9.00e-003	62.16	19.45	-15.49
	292	-0.82	-4.76	0.98	55.81	-26.38	-40.16
	393	0.19	-4.76	0.96	12.52	47.25	-51.75
	368	0.19	-0.20	-2.72e-002	39.85	18.85	-27.08
607	391	-2.48e-002	-0.16	4.26e-002	-4.40	-17.01	40.40
	390	-2.48e-002	8.89e-002	-0.15	-9.04	-19.93	35.08
	392	-0.13	8.89e-002	-2.85e-002	-13.53	-20.60	32.58
	363	-0.13	-0.16	0.17	-16.43	-20.30	37.90
608	389	0.11	-0.24	0.14	0.27	-24.67	35.16
	388	0.11	1.49e-002	-2.62e-002	0.20	-23.73	32.57
	390	-2.48e-002	1.49e-002	-0.13	-1.47	-25.65	36.02
	391	-2.48e-002	-0.24	3.19e-002	-6.09	-29.15	38.60
609	387	-1.45e-002	-0.10	5.66e-002	7.76	-22.40	30.75
	386	-1.45e-002	4.30e-002	0.16	6.71	-14.26	27.58
	388	0.11	4.30e-002	0.21	1.09	-22.85	31.44
	389	0.11	-0.10	0.11	3.55	-19.68	34.60
610	385	-0.15	0.21	0.14	14.39	-10.54	26.29
	384	-0.15	1.58e-002	0.27	10.16	-2.96	24.27
	386	-1.45e-002	1.58e-002	0.18	4.52	-11.07	26.83
	387	-1.45e-002	0.21	5.77e-002	13.74	-6.79	28.86
611	383	-3.17e-002	0.43	6.59e-002	17.85	-1.48e-002	23.68
	382	-3.17e-002	3.93e-002	-4.36e-002	8.88	1.25	23.48
	384	-0.15	3.93e-002	5.92e-002	7.98	-0.79	24.31
	385	-0.15	0.43	0.17	18.14	-0.59	24.51
612	381	0.11	0.45	0.18	14.16	-9.24	17.92

	380	0.11	-5.65e-002	6.82e-002	10.91	-4.48	18.41
	382	-3.17e-002	-5.65e-002	-3.66e-002	11.33	-2.42	23.25
	383	-3.17e-002	0.45	7.09e-002	15.28	-3.90	22.75
613	379	-1.79e-002	0.59	0.11	15.74	-11.59	11.87
	378	-1.79e-002	-6.97e-002	0.25	14.23	0.82	10.60
	380	0.11	-6.97e-002	0.30	9.39	-3.73	16.35
	381	0.11	0.59	0.15	16.63	1.26	17.62
614	377	-0.13	0.88	0.18	22.30	-3.13	6.04
	376	-0.13	-0.15	0.36	17.26	9.30	3.91
	378	-1.79e-002	-0.15	0.28	10.01	3.28	8.31
	379	-1.79e-002	0.88	0.11	22.94	10.05	10.44
615	375	-3.37e-002	1.13	0.12	26.69	4.11	0.43
	374	-3.37e-002	-0.19	0.12	18.31	12.25	-0.47
	376	-0.13	-0.19	0.20	14.00	9.48	2.94
	377	-0.13	1.13	0.20	28.21	13.22	3.84
616	373	7.59e-002	1.27	0.19	25.71	-5.26e-002	-8.67
	372	7.59e-002	-0.31	0.22	21.29	10.60	-8.92
	374	-3.37e-002	-0.31	0.14	18.78	9.36	-1.85
	375	-3.37e-002	1.27	0.11	27.47	10.90	-1.60
617	371	-2.05e-003	1.55	0.12	31.93	4.73	-16.53
	370	-2.05e-003	-0.35	0.36	29.29	22.18	-20.05
	372	7.59e-002	-0.35	0.41	18.54	13.16	-12.58
	373	7.59e-002	1.55	0.17	31.75	20.98	-9.06
618	369	-0.31	2.03	0.29	56.07	22.40	-17.50
	368	-0.31	-0.51	0.50	46.80	33.24	-27.48
	370	-2.05e-003	-0.51	0.35	25.34	25.27	-25.26
	371	-2.05e-003	2.03	0.14	46.56	33.25	-15.28
619	289	-0.31	2.32	-0.10	81.47	38.54	-7.03
	298	-0.31	-0.20	-0.30	60.32	24.66	-15.14
	368	-0.31	-0.20	8.39e-002	44.53	24.46	-25.35
	369	-0.31	2.32	0.29	72.06	23.74	-17.23
620	353	2.03e-002	1.52	-8.89e-002	37.76	67.16	-13.43
	297	2.03e-002	1.90	-0.17	66.96	71.91	-7.60
	289	-2.40e-002	1.90	-0.10	72.59	103.66	-12.70
	355	-2.40e-002	1.52	-1.34e-002	54.77	113.67	-18.54
621	351	2.92e-003	1.22	-0.14	26.83	2.35	-8.54
	295	2.92e-003	1.19	-0.16	42.88	2.52	-0.13
	297	2.03e-002	1.19	-0.18	60.84	50.33	-5.77
	353	2.03e-002	1.22	-0.17	41.50	56.32	-14.18
622	281	-0.10	0.93	-9.04e-002	19.46	-45.82	-3.04
	201	-0.10	0.62	-8.69e-002	26.70	-39.40	1.04
	295	2.92e-003	0.62	-0.14	38.20	-16.54	-6.86e-002
	351	2.92e-003	0.93	-0.15	29.36	-9.29	-4.15
623	354	-2.37e-002	1.14	-7.48e-002	5.74	76.94	-18.34
	353	-2.37e-002	1.52	7.99e-003	33.84	67.35	-14.75
	355	-5.25e-003	1.52	7.94e-002	30.85	111.56	-14.14
	288	-5.25e-003	1.14	-3.43e-003	17.00	100.90	-17.73
624	352	-3.34e-003	1.22	7.19e-002	6.27	16.76	-7.62
	351	-3.34e-003	1.22	-3.01e-002	26.67	5.51	-8.24
	353	-2.37e-002	1.22	-6.97e-002	28.09	54.74	-15.92
	354	-2.37e-002	1.22	3.23e-002	3.42	56.81	-15.30
625	200	-2.26e-002	1.34	-1.15e-002	2.36	-43.81	-1.24
	281	-2.26e-002	0.93	-0.11	19.10	-46.53	1.29
	351	-3.34e-003	0.93	-3.24e-002	24.50	-7.74	-4.80
	352	-3.34e-003	1.34	6.86e-002	4.84	-2.64	-7.33
626	347	1.25e-002	2.08	-0.13	3.03	24.23	0.64
	350	1.25e-002	2.12	-8.90e-002	-1.89	17.94	-6.51
	283	-3.74e-003	2.12	-2.64e-002	-17.03	30.17	-3.44
	348	-3.74e-003	2.08	-7.19e-002	1.68	18.56	3.71
627	346	6.09e-003	2.23	-0.17	6.55	21.75	4.26

	349	6.09e-003	2.38	3.52e-002	0.30	17.05	3.28
	350	1.25e-002	2.38	1.59e-002	-1.43	18.45	-0.46
	347	1.25e-002	2.23	-0.19	6.00	20.23	0.52
628	271	-9.94e-003	2.42	-0.18	5.09	26.06	9.59
	195	-9.94e-003	2.60	3.71e-002	-1.63	21.18	10.52
	349	6.09e-003	2.60	3.12e-002	0.20	19.06	6.65
	346	6.09e-003	2.42	-0.18	6.16	19.15	5.72
629	345	-3.53e-002	1.98	-0.14	22.59	34.37	4.46
	347	-3.53e-002	2.08	-0.18	5.65	24.46	3.04
	348	1.01e-003	2.08	-0.16	10.14	18.70	3.22
	282	1.01e-003	1.98	-0.12	12.57	8.61	4.65
630	344	2.47e-003	2.13	-0.14	24.56	36.37	6.00
	346	2.47e-003	2.23	-0.23	6.57	24.49	4.71
	347	-3.53e-002	2.23	-0.23	11.84	20.34	3.90
	345	-3.53e-002	2.13	-0.15	14.29	9.30	5.18
631	194	-5.13e-002	2.33	-0.13	20.41	35.47	10.09
	271	-5.13e-002	2.42	-0.24	10.86	28.70	9.30
	346	2.47e-003	2.42	-0.24	11.58	18.95	7.06
	344	2.47e-003	2.33	-0.13	15.57	13.89	7.84
632	342	-2.52e-002	1.47	-0.34	21.51	-2.80	4.67
	345	-2.52e-002	1.98	-0.18	17.65	-18.40	4.57
	282	-2.83e-002	1.98	-0.17	23.96	9.85	4.51
	343	-2.83e-002	1.47	-0.33	14.93	-5.65	4.61
633	341	-2.36e-002	1.59	-0.34	22.11	-3.30	5.85
	344	-2.36e-002	2.13	-0.18	17.55	-18.93	5.68
	345	-2.52e-002	2.13	-0.18	23.14	9.50	4.66
	342	-2.52e-002	1.59	-0.34	16.04	-4.70	4.83
634	264	-1.46e-002	1.72	-0.39	15.96	-2.70	7.87
	194	-1.46e-002	2.33	-0.21	17.98	-11.73	9.26
	344	-2.36e-002	2.33	-0.19	22.74	4.11	7.34
	341	-2.36e-002	1.72	-0.36	16.55	-2.92	5.95
635	340	-2.03e-002	0.97	-0.35	16.55	-3.47	1.73
	342	-2.03e-002	1.47	-0.37	18.99	-1.77	2.33
	343	-2.19e-002	1.47	-0.36	19.20	-6.75	1.62
	290	-2.19e-002	0.97	-0.35	18.05	-4.05	1.01
636	339	-2.13e-002	1.04	-0.36	15.24	-2.73	2.92
	341	-2.13e-002	1.59	-0.38	18.08	-1.91	3.45
	342	-2.03e-002	1.59	-0.37	17.67	-5.57	2.39
	340	-2.03e-002	1.04	-0.36	17.18	-3.26	1.86
637	202	-3.44e-003	1.11	-0.38	12.38	-1.96	3.65
	264	-3.44e-003	1.72	-0.41	14.66	-1.55	4.78
	341	-2.13e-002	1.72	-0.39	16.56	-3.60	4.04
	339	-2.13e-002	1.11	-0.36	14.79	-2.42	2.92
638	337	-1.37e-002	0.41	-0.42	15.60	-2.84	1.17
	340	-1.37e-002	0.97	-0.39	16.61	-3.63	1.84
	290	-1.72e-002	0.97	-0.38	18.05	-3.58	0.95
	338	-1.72e-002	0.41	-0.42	15.89	-2.98	0.28
639	336	-8.96e-003	0.43	-0.43	14.49	-2.51	1.71
	339	-8.96e-003	1.04	-0.39	15.05	-2.83	2.46
	340	-1.37e-002	1.04	-0.39	16.44	-2.84	2.05
	337	-1.37e-002	0.43	-0.42	15.03	-2.53	1.29
640	257	-1.49e-003	0.46	-0.43	11.79	-2.87	1.16
	202	-1.49e-003	1.11	-0.40	11.93	-2.20	2.39
	339	-8.96e-003	1.11	-0.40	14.52	-2.19	2.72
	336	-8.96e-003	0.46	-0.43	13.44	-1.90	1.49
641	334	-9.07e-003	-0.15	-0.43	14.08	-2.23	0.44
	337	-9.07e-003	0.41	-0.43	14.98	-2.65	0.89
	338	-1.07e-002	0.41	-0.43	16.08	-2.76	-1.39e-002
	335	-1.07e-002	-0.15	-0.43	14.12	-1.78	-0.46
642	333	-6.30e-003	-0.17	-0.44	13.71	-2.54	0.82

	336	-6.30e-003	0.43	-0.43	13.63	-2.46	1.29
	337	-9.07e-003	0.43	-0.43	14.91	-2.47	1.07
	334	-9.07e-003	-0.17	-0.43	13.65	-2.05	0.59
643	253	-3.10e-003	-0.19	-0.43	12.69	-3.46	0.13
	257	-3.10e-003	0.46	-0.43	12.16	-2.95	0.66
	336	-6.30e-003	0.46	-0.44	13.60	-2.13	1.18
	333	-6.30e-003	-0.19	-0.44	13.07	-2.21	0.65
644	332	-5.44e-003	-0.70	-0.39	12.64	-0.99	0.27
	334	-5.44e-003	-0.15	-0.43	13.38	-1.99	0.41
	335	-5.29e-003	-0.15	-0.42	14.26	-1.58	-0.53
	291	-5.29e-003	-0.70	-0.39	12.11	-1.11	-0.67
645	331	-5.62e-003	-0.76	-0.39	13.10	-2.24	0.78
	333	-5.62e-003	-0.17	-0.43	12.92	-2.45	0.75
	334	-5.44e-003	-0.17	-0.43	13.68	-2.08	0.53
	332	-5.44e-003	-0.76	-0.39	12.26	-1.94	0.56
646	203	-5.17e-003	-0.84	-0.39	13.46	-3.52	0.34
	253	-5.17e-003	-0.19	-0.43	13.08	-3.47	0.25
	333	-5.62e-003	-0.19	-0.43	13.34	-2.48	0.57
	331	-5.62e-003	-0.84	-0.39	12.87	-2.80	0.67
647	329	-3.25e-003	-1.20	-0.38	9.94	-4.17	-0.12
	332	-3.25e-003	-0.70	-0.36	12.82	-1.08	-0.24
	291	-2.16e-003	-0.70	-0.36	11.39	-0.55	-1.28
	330	-2.16e-003	-1.20	-0.38	11.05	4.01	-1.16
648	328	-1.75e-003	-1.30	-0.39	11.64	-5.23	1.32
	331	-1.75e-003	-0.76	-0.36	13.15	-2.36	0.75
	332	-3.25e-003	-0.76	-0.36	11.55	-1.55	-0.13
	329	-3.25e-003	-1.30	-0.38	11.61	2.55	0.45
649	246	-8.52e-003	-1.43	-0.39	12.25	-2.56	1.05
	203	-8.52e-003	-0.84	-0.36	13.28	-3.46	0.97
	331	-1.75e-003	-0.84	-0.36	13.09	-2.89	0.53
	328	-1.75e-003	-1.43	-0.39	12.12	-3.33	0.61
650	327	-1.24e-003	-1.69	-0.18	14.21	26.26	4.25
	329	-1.24e-003	-1.20	-0.36	5.01	-1.73	4.36
	330	-1.37e-003	-1.20	-0.36	16.83	2.05	3.17
	287	-1.37e-003	-1.69	-0.18	2.69	-24.28	3.07
651	326	1.65e-003	-1.85	-0.18	17.31	25.44	5.68
	328	1.65e-003	-1.30	-0.36	1.97	-2.90	5.72
	329	-1.24e-003	-1.30	-0.36	16.02	0.88	4.87
	327	-1.24e-003	-1.85	-0.19	3.38	-26.27	4.84
652	199	-1.20e-002	-2.02	-0.20	17.56	19.35	7.51
	246	-1.20e-002	-1.43	-0.37	11.98	0.34	4.66
	328	1.65e-003	-1.43	-0.36	14.78	-6.17	4.27
	326	1.65e-003	-2.02	-0.19	3.83	-24.78	7.12
653	323	4.37e-003	-1.73	-0.14	6.68	-19.74	2.11
	327	4.37e-003	-1.69	-0.15	7.62	-30.97	1.12
	287	-3.63e-003	-1.69	-0.16	8.41	-11.13	-0.34
	325	-3.63e-003	-1.73	-0.15	4.09	-19.12	0.64
654	321	4.94e-003	-1.84	-0.15	7.29	-21.54	4.56
	326	4.94e-003	-1.85	-0.16	8.26	-33.91	3.23
	327	4.37e-003	-1.85	-0.16	8.48	-13.07	1.30
	323	4.37e-003	-1.84	-0.15	4.64	-21.21	2.64
655	239	2.81e-002	-1.97	-0.18	10.56	-23.07	7.30
	199	2.81e-002	-2.02	-0.19	9.30	-34.47	5.43
	326	4.94e-003	-2.02	-0.17	10.07	-15.22	3.39
	321	4.94e-003	-1.97	-0.16	5.20	-23.30	5.27
656	324	-1.57e-004	-1.78	2.17e-002	0.90	-17.76	1.19
	323	-1.57e-004	-1.73	-7.37e-002	4.00	-18.87	0.99
	325	-2.07e-002	-1.73	-8.87e-002	3.68	-19.11	-0.77
	286	-2.07e-002	-1.78	6.71e-003	0.84	-16.34	-0.56
657	322	4.00e-002	-1.81	1.64e-002	0.40	-19.18	3.62

	321	4.00e-002	-1.84	-0.10	4.97	-20.48	3.41
	323	-1.57e-004	-1.84	-7.94e-002	3.85	-21.09	1.36
	324	-1.57e-004	-1.81	3.71e-002	1.12	-17.88	1.58
658	198	6.94e-003	-1.92	-6.82e-003	1.34	-20.44	7.31
	239	6.94e-003	-1.97	-0.10	5.92	-21.99	6.69
	321	4.00e-002	-1.97	-0.11	4.37	-23.08	3.93
	322	4.00e-002	-1.92	-1.69e-002	1.37	-20.12	4.55
659	317	4.16e-005	-1.04	0.11	-10.84	-70.00	-20.10
	320	4.16e-005	-0.84	-2.92e-003	-1.15	-71.22	-14.86
	285	-4.49e-002	-0.84	5.02e-003	0.34	-101.23	-14.15
	318	-4.49e-002	-1.04	0.12	-2.82	-104.01	-19.39
660	316	6.61e-002	-0.94	0.13	-15.57	-14.44	-12.37
	319	6.61e-002	-1.06	-5.10e-004	-2.07	-22.22	-7.73
	320	4.16e-005	-1.06	-1.68e-002	-2.02	-56.80	-14.54
	317	4.16e-005	-0.94	0.12	-7.19	-49.55	-19.19
661	229	4.29e-002	-0.85	4.24e-002	-12.51	34.78	4.06
	197	4.29e-002	-1.29	-9.50e-003	-5.97	23.48	5.58
	319	6.61e-002	-1.29	4.28e-002	-3.60	-3.35	-5.75
	316	6.61e-002	-0.85	9.47e-002	-11.13	3.83	-7.28
662	307	1.96e-002	-1.43	-0.17	-32.71	-64.19	-14.87
	317	1.96e-002	-1.04	2.38e-002	-14.26	-67.72	-16.29
	318	6.14e-003	-1.04	6.57e-002	-7.19	-107.53	-21.26
	284	6.14e-003	-1.43	-0.13	-42.36	-100.11	-19.84
663	306	2.11e-002	-0.74	-0.18	-11.82	3.86	-6.10
	316	2.11e-002	-0.94	4.15e-002	-18.65	-7.87	-9.46
	317	1.96e-002	-0.94	2.72e-002	-12.09	-51.17	-16.59
	307	1.96e-002	-0.74	-0.19	-24.47	-47.17	-13.24
664	196	4.09e-002	-0.19	-5.24e-002	3.49	39.52	5.79
	229	4.09e-002	-0.85	6.89e-002	-16.39	39.95	2.51
	316	2.11e-002	-0.85	3.44e-003	-17.65	6.74	-5.00
	306	2.11e-002	-0.19	-0.12	-3.31	19.41	-1.71
665	314	-0.28	0.23	0.66	-0.39	15.22	32.08
	304	-0.28	1.66	0.50	-18.30	7.52	16.04
	293	2.66	1.85	1.50	-58.68	24.68	28.66
	315	2.66	0.23	1.48	-5.54	-0.92	49.46
666	313	9.57e-004	0.25	0.72	12.95	5.77	19.52
	302	9.57e-004	0.26	0.47	-6.75	12.53	14.95
	304	-0.28	0.26	0.44	-12.68	10.33	22.73
	314	-0.28	0.25	0.69	7.19	4.94	27.29
667	312	-1.50	-0.11	0.72	11.73	3.02	2.07
	205	-1.50	-0.79	0.66	-11.43	14.25	3.98
	302	9.57e-004	-0.79	0.49	-3.12	11.59	16.20
	313	9.57e-004	-0.11	0.56	10.03	8.71	14.29
668	310	-2.06e-006	-0.21	1.21	38.22	-8.99	32.89
	314	-2.06e-006	0.23	1.20	13.38	9.38	33.64
	315	-0.10	0.23	0.24	4.08	0.85	45.33
	311	-0.10	-0.21	0.25	49.44	0.95	44.58
669	309	2.16e-003	-0.20	1.02	36.80	-3.94	18.96
	313	2.16e-003	0.25	1.03	13.38	2.58	19.27
	314	-2.06e-006	0.25	1.24	12.70	5.00	30.43
	310	-2.06e-006	-0.20	1.23	38.29	-5.90	30.11
670	308	-0.16	0.13	0.19	37.03	1.21	5.29
	312	-0.16	-0.11	0.21	14.52	1.07	4.91
	313	2.16e-003	-0.11	0.87	17.56	5.69	15.20
	309	2.16e-003	0.13	0.85	32.66	-6.34	15.58
671	300	0.25	-1.45	0.43	64.35	-6.15	8.80
	310	0.25	-0.21	0.64	53.00	-15.73	31.11
	311	-2.85	-0.21	1.46	59.39	4.61	46.47
	292	-2.85	-1.64	1.43	122.16	-18.01	18.34
672	299	-4.83e-002	-7.07e-002	0.48	51.58	-11.65	15.41

	309	-4.83e-002	-0.20	0.73	36.53	-6.82	20.32
	310	0.25	-0.20	0.66	43.46	-5.53	25.13
	300	0.25	-7.07e-002	0.42	57.22	-8.20	20.22
673	204	1.21	1.01	0.75	67.90	-10.99	9.03
	308	1.21	0.13	0.73	40.34	1.16e-002	3.80
	309	-4.83e-002	0.13	0.56	40.40	-9.57	14.42
	299	-4.83e-002	1.01	0.57	49.75	-10.85	19.65
674	303	-7.73e-002	0.37	-0.71	-16.89	5.35	8.84
	307	-7.73e-002	-1.43	-0.30	-45.92	-41.05	-0.35
	284	0.29	-1.43	-0.21	-43.33	23.28	-11.99
	305	0.29	0.37	-0.62	-45.61	-6.75	-2.80
675	301	-7.98e-002	-0.15	-0.49	1.98	16.34	15.24
	306	-7.98e-002	-0.74	-0.24	-21.02	-30.55	4.24
	307	-7.73e-002	-0.74	-0.32	-16.20	45.40	2.21
	303	-7.73e-002	-0.15	-0.57	-34.13	1.36	13.21
676	222	-0.29	-0.65	-0.23	1.46	18.24	12.71
	196	-0.29	-0.19	-1.81e-002	4.22	1.34	9.69
	306	-7.98e-002	-0.19	-0.21	4.19	32.85	10.68
	301	-7.98e-002	-0.65	-0.42	-10.11	14.92	13.69
677	304	-8.15e-002	1.58	0.17	-18.50	5.61	16.66
	303	-8.15e-002	0.37	-0.58	-23.25	12.43	4.53
	305	0.79	0.37	-0.31	-34.79	-3.68	-7.66
	293	0.79	1.64	0.49	-34.15	26.64	1.10
678	302	-0.12	0.26	0.21	-6.26	13.55	16.65
	301	-0.12	-0.15	-0.34	-11.10	18.89	11.39
	303	-8.15e-002	-0.15	-0.44	-18.37	0.86	9.18
	304	-8.15e-002	0.26	0.10	-13.96	9.31	14.44
679	205	-0.79	-0.79	0.37	-9.00	17.46	10.94
	222	-0.79	-0.65	-0.13	-1.81	18.98	10.12
	301	-0.12	-0.65	-0.27	-7.24	12.69	12.26
	302	-0.12	-0.79	0.22	-6.71	11.98	13.08
680	296	4.31e-002	1.12e-002	-0.58	58.54	-4.44	4.91
	300	4.31e-002	-1.37	0.11	58.71	1.27	11.56
	292	-0.82	-1.44	0.45	65.77	-24.04	-8.01
	298	-0.82	1.12e-002	-0.28	65.20	10.96	-11.66
681	294	8.08e-002	0.49	-0.32	50.83	-13.74	13.51
	299	8.08e-002	-7.07e-002	0.22	50.63	-11.54	17.46
	300	4.31e-002	-7.07e-002	7.94e-002	57.86	-7.15	12.41
	296	4.31e-002	0.49	-0.46	54.82	2.14	8.47
682	212	0.74	1.03	-0.18	33.82	-12.86	13.49
	204	0.74	1.01	0.42	45.63	-15.36	17.44
	299	8.08e-002	1.01	0.31	49.74	-8.93	16.61
	294	8.08e-002	1.03	-0.29	44.88	-10.57	12.66
683	297	2.48e-002	1.90	-0.29	74.82	32.28	1.05
	296	2.48e-002	1.12e-002	-0.68	54.56	0.90	6.34
	298	-0.31	1.12e-002	-0.57	70.45	16.25	-3.32
	289	-0.31	1.90	-0.18	73.97	-1.55	-8.61
684	295	3.07e-003	1.19	-0.23	53.50	14.06	4.76
	294	3.07e-003	0.49	-0.48	41.54	-12.66	13.70
	296	2.48e-002	0.49	-0.56	65.82	3.43	11.87
	297	2.48e-002	1.19	-0.31	54.64	-20.72	2.94
685	201	0.23	0.62	-6.88e-002	31.65	-2.16	6.13
	212	0.23	1.03	-0.32	33.07	-11.97	10.57
	294	3.07e-003	1.03	-0.46	47.21	-12.49	12.38
	295	3.07e-003	0.62	-0.21	34.58	-24.19	7.94
687	279	-6.22e-002	0.89	0.15	18.71	-60.58	6.42
	211	-6.22e-002	0.45	6.56e-002	22.66	-50.47	7.99
	201	-0.10	0.45	-4.00e-002	15.20	-78.33	1.14
	281	-0.10	0.89	4.50e-002	30.30	-57.82	-0.43
688	277	-1.75e-002	1.03	0.31	18.41	-26.01	9.48

	209	-1.75e-002	0.75	0.22	25.49	-21.07	7.82
	211	-6.22e-002	0.75	0.12	20.54	-57.29	7.68
	279	-6.22e-002	1.03	0.21	16.72	-52.20	9.34
689	275	5.75e-002	1.31	0.30	18.26	14.04	5.55
	207	5.75e-002	1.21	0.23	31.57	18.54	2.54
	209	-1.75e-002	1.21	0.25	21.77	-17.97	5.17
	277	-1.75e-002	1.31	0.33	16.02	-16.08	8.18
690	183	-3.69e-002	1.61	0.22	30.67	62.49	6.59
	176	-3.69e-002	1.77	0.21	56.72	74.12	-2.73
	207	5.75e-002	1.77	0.22	25.39	10.17	-1.40
	275	5.75e-002	1.61	0.24	24.70	20.46	7.93
691	280	-0.30	1.02	-0.18	8.81	-52.33	8.71
	279	-0.30	0.89	0.15	16.47	-58.54	6.50
	281	-2.26e-002	0.89	2.30e-002	20.55	-54.78	1.02
	200	-2.26e-002	1.02	-0.31	1.27	-47.01	3.23
692	278	2.54e-002	1.42	-1.36e-002	2.12	-28.17	6.12
	277	2.54e-002	1.03	0.16	13.65	-29.00	10.18
	279	-0.30	1.03	0.21	17.33	-49.97	9.02
	280	-0.30	1.42	3.91e-002	8.09	-48.85	4.96
693	276	5.74e-003	1.49	-3.56e-002	0.18	14.72	8.47
	275	5.74e-003	1.31	0.21	16.36	12.19	8.91
	277	2.54e-002	1.31	0.18	14.88	-16.15	7.32
	278	2.54e-002	1.49	-7.26e-002	2.71	-16.00	6.88
694	175	-0.19	1.81	6.34e-002	8.60	65.43	13.00
	183	-0.19	1.61	0.12	12.94	58.96	13.04
	275	5.74e-003	1.61	0.15	17.90	23.65	9.09
	276	5.74e-003	1.81	8.72e-002	3.72	23.82	9.05
695	270	-0.25	2.63	-0.24	1.91	22.57	13.96
	274	-0.25	2.73	0.11	-6.15	23.71	17.40
	195	-9.94e-003	2.73	0.14	-0.69	20.40	15.01
	271	-9.94e-003	2.63	-0.21	1.85	27.64	11.57
696	269	5.11e-002	2.80	-0.37	-5.35	25.33	21.23
	273	5.11e-002	2.96	-0.17	-1.90	15.77	21.67
	274	-0.25	2.96	-0.12	-8.65	25.30	15.77
	270	-0.25	2.80	-0.32	2.45	25.67	15.33
697	268	-8.83e-002	3.00	-0.52	-13.52	23.22	32.15
	272	-8.83e-002	3.75	-7.77e-003	-8.65	14.64	37.21
	273	5.11e-002	3.75	5.49e-002	-3.02	14.83	28.51
	269	5.11e-002	3.00	-0.45	-7.12	20.90	23.45
698	181	0.19	2.89	-5.17e-002	-37.49	32.16	16.54
	170	0.19	5.30	-0.69	-47.49	74.80	38.66
	272	-8.83e-002	5.30	-0.78	-8.35	10.76	50.91
	268	-8.83e-002	2.89	-0.14	-24.03	32.81	28.78
699	267	-6.29e-002	2.54	-0.18	23.55	53.53	14.56
	270	-6.29e-002	2.63	-0.33	-2.23	26.50	17.09
	271	-5.13e-002	2.63	-0.28	17.26	27.63	12.86
	194	-5.13e-002	2.54	-0.12	10.74	7.02	10.33
700	266	-8.13e-002	2.60	-0.27	13.44	54.94	19.22
	269	-8.13e-002	2.80	-0.47	-9.13	30.81	21.26
	270	-6.29e-002	2.80	-0.41	5.37	24.45	17.52
	267	-6.29e-002	2.60	-0.21	7.10	4.06	15.48
701	265	0.32	2.47	-0.36	-12.08	49.32	23.24
	268	0.32	3.00	-0.60	-26.80	28.02	28.67
	269	-8.13e-002	3.00	-0.55	-0.72	19.72	26.13
	266	-8.13e-002	2.47	-0.31	-16.45	0.95	20.71
702	169	0.12	2.47	-9.48e-002	-23.00	39.47	22.88
	181	0.12	2.89	1.88e-002	-34.05	33.45	23.21
	268	0.32	2.89	-0.23	-17.41	24.91	28.13
	265	0.32	2.47	-0.34	-38.31	13.97	27.80
703	263	-2.21e-002	1.82	-0.41	13.11	2.39	8.87

	267	-2.21e-002	2.54	-0.23	15.63	-14.70	10.32
	194	-1.46e-002	2.54	-0.22	23.06	15.49	9.88
	264	-1.46e-002	1.82	-0.40	8.50	-0.69	8.43
704	262	-2.30e-002	1.86	-0.45	3.80	-12.15	5.47
	266	-2.30e-002	2.60	-0.30	2.64	-26.10	11.19
	267	-2.21e-002	2.60	-0.26	17.17	14.50	11.09
	263	-2.21e-002	1.86	-0.41	6.04	0.68	5.38
705	261	-1.53e-002	1.88	-0.44	1.43	-38.19	12.57
	265	-1.53e-002	2.47	-0.28	-24.43	-67.65	19.88
	266	-2.30e-002	2.47	-0.30	1.31	1.99	12.89
	262	-2.30e-002	1.88	-0.45	-2.87	-17.94	5.58
706	193	-1.92e-002	1.94	-0.37	6.04	-29.41	31.49
	169	-1.92e-002	2.47	-0.17	-37.22	-67.98	32.59
	265	-1.53e-002	2.47	-0.24	-18.33	-17.69	22.20
	261	-1.53e-002	1.94	-0.44	-9.63	-42.09	21.10
707	260	-1.87e-003	1.16	-0.38	9.06	-2.59	1.24
	263	-1.87e-003	1.82	-0.42	8.83	1.48	4.45
	264	-3.44e-003	1.82	-0.42	13.75	-1.21	5.93
	202	-3.44e-003	1.16	-0.38	10.34	-0.20	2.72
708	259	-2.01e-002	1.20	-0.38	4.36	-11.36	-0.47
	262	-2.01e-002	1.86	-0.42	6.29	-9.81	1.20
	263	-1.87e-003	1.86	-0.42	7.32	-2.48	2.43
	260	-1.87e-003	1.20	-0.38	8.24	-2.60	0.76
709	258	-3.99e-002	1.23	-0.38	4.93	-25.22	7.33
	261	-3.99e-002	1.88	-0.43	3.19	-30.46	7.77
	262	-2.01e-002	1.88	-0.43	0.90	-19.92	1.62
	259	-2.01e-002	1.23	-0.38	8.52	-16.78	1.18
710	177	-2.72e-002	1.28	-0.39	4.08	-21.29	22.47
	193	-2.72e-002	1.94	-0.43	-5.83	-22.81	25.11
	261	-3.99e-002	1.94	-0.43	-1.44	-38.94	15.21
	258	-3.99e-002	1.28	-0.39	7.45	-26.95	12.56
711	256	3.05e-004	0.47	-0.43	10.51	-4.08	-0.25
	260	3.05e-004	1.16	-0.40	9.43	-2.84	0.90
	202	-1.49e-003	1.16	-0.40	10.93	-1.17	1.97
	257	-1.49e-003	0.47	-0.43	11.01	-2.39	0.83
712	255	-1.64e-002	0.48	-0.43	9.33	-9.41	-4.92e-002
	259	-1.64e-002	1.20	-0.39	9.46	-10.79	4.66e-002
	260	3.05e-004	1.20	-0.40	8.73	-3.53	-0.10
	256	3.05e-004	0.48	-0.43	10.31	-4.68	-0.20
713	254	-3.25e-002	0.49	-0.44	9.94	-15.65	7.31
	258	-3.25e-002	1.23	-0.40	9.00	-21.86	7.10
	259	-1.64e-002	1.23	-0.39	6.60	-15.25	1.33
	255	-1.64e-002	0.49	-0.43	11.79	-12.71	1.54
714	190	-2.40e-002	0.50	-0.45	8.74	-12.63	18.39
	177	-2.40e-002	1.28	-0.41	1.53	-18.50	21.13
	258	-3.25e-002	1.28	-0.41	7.17	-22.18	13.12
	254	-3.25e-002	0.50	-0.45	10.33	-15.92	10.38
715	252	-4.88e-003	-0.22	-0.43	12.52	-4.82	-0.50
	256	-4.88e-003	0.47	-0.43	11.51	-3.90	-0.36
	257	-3.10e-003	0.47	-0.43	11.51	-3.17	0.19
	253	-3.10e-003	-0.22	-0.43	12.77	-3.51	4.88e-002
716	251	-1.36e-002	-0.23	-0.42	12.72	-7.06	0.61
	255	-1.36e-002	0.48	-0.43	12.46	-8.55	0.17
	256	-4.88e-003	0.48	-0.43	10.99	-5.01	-0.68
	252	-4.88e-003	-0.23	-0.43	13.03	-5.21	-0.24
717	250	-1.87e-002	-0.26	-0.44	12.92	-8.95	6.22
	254	-1.87e-002	0.49	-0.44	12.01	-13.08	6.33
	255	-1.36e-002	0.49	-0.43	10.74	-11.06	1.89
	251	-1.36e-002	-0.26	-0.43	14.46	-8.47	1.78
718	189	-1.02e-002	-0.29	-0.44	11.26	-6.07	14.12

	190	-1.02e-002	0.50	-0.45	6.58	-9.85	16.33
	254	-1.87e-002	0.50	-0.45	10.65	-12.89	10.63
	250	-1.87e-002	-0.29	-0.45	13.06	-8.04	8.42
719	249	-8.42e-003	-0.90	-0.39	14.45	-4.40	0.43
	252	-8.42e-003	-0.22	-0.42	13.60	-4.43	-0.20
	253	-5.17e-003	-0.22	-0.42	13.05	-4.01	-0.12
	203	-5.17e-003	-0.90	-0.39	13.91	-4.24	0.52
720	248	-1.09e-002	-0.95	-0.38	16.09	-4.82	1.65
	251	-1.09e-002	-0.23	-0.42	14.94	-6.19	0.78
	252	-8.42e-003	-0.23	-0.42	13.51	-5.21	-0.13
	249	-8.42e-003	-0.95	-0.39	15.23	-5.21	0.74
721	247	-8.69e-003	-1.00	-0.39	16.72	-3.67	5.38
	250	-8.69e-003	-0.26	-0.43	14.60	-6.99	5.45
	251	-1.09e-002	-0.26	-0.42	14.21	-7.24	2.38
	248	-1.09e-002	-1.00	-0.38	17.30	-5.90	2.31
722	178	1.01e-003	-1.07	-0.39	15.31	-0.54	11.11
	189	1.01e-003	-0.29	-0.43	10.80	-3.91	12.78
	250	-8.69e-003	-0.29	-0.44	13.71	-5.94	8.62
	247	-8.69e-003	-1.07	-0.39	16.81	-3.00	6.95
723	245	-6.40e-003	-1.52	-0.39	16.53	-8.65	3.35
	249	-6.40e-003	-0.90	-0.36	15.84	-3.89	0.30
	203	-8.52e-003	-0.90	-0.36	13.86	-4.77	0.38
	246	-8.52e-003	-1.52	-0.39	12.61	-0.19	3.43
724	244	-9.91e-003	-1.60	-0.40	18.32	-6.35	2.40
	248	-9.91e-003	-0.95	-0.36	18.46	-4.51	1.42
	249	-6.40e-003	-0.95	-0.36	15.27	-4.80	1.04
	245	-6.40e-003	-1.60	-0.40	18.63	-2.44	2.01
725	243	-7.20e-003	-1.67	-0.40	21.00	-3.86	5.14
	247	-7.20e-003	-1.00	-0.36	19.35	-2.38	4.34
	248	-9.91e-003	-1.00	-0.36	17.06	-4.98	2.50
	244	-9.91e-003	-1.67	-0.40	20.94	-0.99	3.30
726	188	-1.30e-003	-1.75	-0.39	21.57	-4.99e-002	9.03
	178	-1.30e-003	-1.07	-0.36	17.47	1.16	9.54
	247	-7.20e-003	-1.07	-0.37	17.39	-1.48	6.72
	243	-7.20e-003	-1.75	-0.39	23.15	3.58	6.20
727	242	1.63e-003	-2.16	-0.19	16.85	26.90	7.66
	245	1.63e-003	-1.52	-0.38	11.38	-8.73	9.01
	246	-1.20e-002	-1.52	-0.37	22.86	-0.17	7.88
	199	-1.20e-002	-2.16	-0.19	7.98	-33.45	6.53
728	241	-6.55e-003	-2.25	-0.21	27.18	25.75	11.08
	244	-6.55e-003	-1.60	-0.39	13.52	-2.62	8.11
	245	1.63e-003	-1.60	-0.38	21.04	-5.14	6.30
	242	1.63e-003	-2.25	-0.21	10.95	-31.04	9.27
729	240	-8.72e-003	-2.35	-0.22	35.58	28.08	12.70
	243	-8.72e-003	-1.67	-0.39	17.82	-5.86e-002	9.54
	244	-6.55e-003	-1.67	-0.39	27.66	-3.51	9.01
	241	-6.55e-003	-2.35	-0.22	16.49	-30.92	12.16
730	174	-1.49e-002	-2.40	-0.20	43.31	28.76	13.56
	188	-1.49e-002	-1.75	-0.37	18.30	3.78	11.70
	243	-8.72e-003	-1.75	-0.38	30.07	1.92	11.62
	240	-8.72e-003	-2.40	-0.22	26.05	-22.96	13.49
731	237	2.93e-003	-2.09	-0.21	8.94	-24.64	9.94
	242	2.93e-003	-2.16	-0.17	14.97	-37.22	7.07
	199	2.81e-002	-2.16	-0.16	12.50	-15.70	5.93
	239	2.81e-002	-2.09	-0.21	7.87	-24.59	8.81
732	235	1.00e-002	-2.20	-0.23	13.91	-24.00	14.25
	241	1.00e-002	-2.25	-0.21	18.83	-39.93	9.98
	242	2.93e-003	-2.25	-0.19	16.08	-16.26	6.81
	237	2.93e-003	-2.20	-0.22	8.68	-25.42	11.08
733	233	-1.96e-004	-2.34	-0.26	17.53	-26.18	17.91

	240	-1.96e-004	-2.35	-0.21	26.88	-42.06	12.47
	241	1.00e-002	-2.35	-0.21	22.32	-16.45	9.71
	235	1.00e-002	-2.34	-0.26	11.89	-26.43	15.15
734	187	-0.11	-2.47	-0.29	24.61	-34.16	16.76
	174	-0.11	-2.40	-0.21	32.81	-42.13	10.78
	240	-1.96e-004	-2.40	-0.20	31.65	-18.03	12.32
	233	-1.96e-004	-2.47	-0.28	14.58	-29.30	18.31
735	238	7.28e-002	-1.98	3.96e-002	1.16	-20.35	10.13
	237	7.28e-002	-2.09	-0.14	7.27	-23.36	9.56
	239	6.94e-003	-2.09	-0.13	7.23	-22.53	7.79
	198	6.94e-003	-1.98	5.64e-002	0.49	-19.78	8.36
736	236	-4.56e-003	-2.12	-3.09e-002	1.63	-20.89	14.23
	235	-4.56e-003	-2.20	-0.16	8.58	-23.61	13.51
	237	7.28e-002	-2.20	-0.15	6.60	-24.24	10.33
	238	7.28e-002	-2.12	-2.21e-002	2.26	-20.17	11.05
737	234	1.39e-002	-2.29	2.47e-002	2.05	-24.07	18.51
	233	1.39e-002	-2.34	-0.17	10.88	-26.50	17.33
	235	-4.56e-003	-2.34	-0.18	8.88	-25.26	14.05
	236	-4.56e-003	-2.29	1.56e-002	1.85	-20.70	15.23
738	173	-3.16e-003	-2.49	-2.31e-002	8.60	-38.64	21.03
	187	-3.16e-003	-2.47	-0.23	12.13	-36.73	17.26
	233	1.39e-002	-2.47	-0.20	11.90	-29.10	16.82
	234	1.39e-002	-2.49	1.41e-002	1.77	-26.25	20.59
739	228	0.10	-0.83	1.92e-002	-12.87	36.20	17.76
	232	0.10	-1.33	-4.35e-002	-3.79	23.75	17.41
	197	4.29e-002	-1.33	-5.97e-002	-0.67	23.88	10.03
	229	4.29e-002	-0.83	2.92e-003	-16.42	35.37	10.37
740	227	7.12e-003	-0.90	-5.01e-002	-8.01	15.06	30.08
	231	7.12e-003	-1.28	1.17e-002	-3.19	8.18	27.04
	232	0.10	-1.28	3.60e-002	-5.87	22.20	19.20
	228	0.10	-0.90	-2.58e-002	-11.01	32.06	22.24
741	226	2.37e-002	-1.02	-3.75e-002	-6.86	-18.10	35.32
	230	2.37e-002	-1.15	-1.70e-002	-1.25	-22.91	32.87
	231	7.12e-003	-1.15	-3.24e-002	-2.33	-1.23	29.02
	227	7.12e-003	-1.02	-5.29e-002	-10.37	2.18	31.47
742	186	-1.59e-002	-1.19	-6.45e-002	-2.71	-46.07	33.12
	172	-1.59e-002	-0.99	-1.71e-002	-5.01	-43.81	31.86
	230	2.37e-002	-0.99	1.47e-002	-0.23	-30.64	34.03
	226	2.37e-002	-1.19	-3.27e-002	-9.84	-33.01	35.29
743	225	3.50e-002	-1.56e-002	6.94e-002	7.60	50.97	20.02
	228	3.50e-002	-0.83	5.89e-002	-16.18	41.73	19.01
	229	4.09e-002	-0.83	2.95e-002	-15.67	44.67	8.28
	196	4.09e-002	-1.56e-002	4.00e-002	5.84	70.21	9.29
744	224	2.13e-002	-0.37	0.18	-4.45	15.71	25.88
	227	2.13e-002	-0.90	4.58e-002	-10.10	16.08	27.16
	228	3.50e-002	-0.90	1.39e-002	-16.84	37.14	22.69
	225	3.50e-002	-0.37	0.15	4.70	47.06	21.41
745	223	-3.38e-005	-0.89	0.22	-19.17	-21.74	25.76
	226	-3.38e-005	-1.02	4.81e-002	-12.75	-21.38	30.75
	227	2.13e-002	-1.02	4.30e-002	-11.35	6.23	30.52
	224	2.13e-002	-0.89	0.21	-11.22	7.08	25.53
746	171	3.65e-002	-1.41	0.21	-41.10	-68.40	23.02
	186	3.65e-002	-1.19	5.28e-002	-15.28	-53.45	29.96
	226	-3.38e-005	-1.19	5.29e-002	-17.75	-29.14	31.33
	223	-3.38e-005	-1.41	0.21	-25.64	-17.13	24.39
747	220	-0.27	-0.83	0.28	-3.50	22.02	9.38
	225	-0.27	-1.56e-002	0.24	10.68	37.03	11.83
	196	-0.29	-1.56e-002	3.21e-002	14.08	16.72	15.55
	222	-0.29	-0.83	6.89e-002	-2.15	24.05	13.10
748	218	1.53e-002	-0.99	0.60	-11.15	7.32	10.13

	224	1.53e-002	-0.37	0.24	4.40	46.62	13.89
	225	-0.27	-0.37	0.26	-2.01	-17.57	15.06
	220	-0.27	-0.99	0.62	6.28	20.14	11.30
749	216	-7.09e-003	-0.75	0.59	-22.62	-6.31	6.05
	223	-7.09e-003	-0.89	0.22	-9.38	44.23	12.14
	224	1.53e-002	-0.89	0.23	-17.55	-38.61	15.32
	218	1.53e-002	-0.75	0.61	3.42	7.59	9.23
750	185	0.19	-0.44	0.66	-38.77	-18.26	-0.65
	171	0.19	-1.41	0.36	-34.66	29.42	9.47
	223	-7.09e-003	-1.41	0.25	-36.13	-47.36	12.86
	216	-7.09e-003	-0.44	0.54	-7.63	-4.31	2.75
751	221	-4.68e-003	-3.27	0.84	-2.99e-002	20.39	18.05
	220	-4.68e-003	-0.83	0.26	-3.09	22.27	14.46
	222	-0.79	-0.83	0.17	-6.16	22.85	10.00
	205	-0.79	-3.27	0.75	-3.90	33.96	13.59
752	219	-1.45e-003	-1.53	-9.28e-002	1.14	6.36	14.82
	218	-1.45e-003	-0.99	0.50	-5.49	3.99	15.42
	220	-4.68e-003	-0.99	0.61	-0.44	22.61	16.42
	221	-4.68e-003	-1.53	1.35e-002	-2.16	18.87	15.83
753	217	-4.36e-003	-0.57	-5.27e-002	0.73	-10.45	8.92
	216	-4.36e-003	-0.75	0.54	-12.54	-10.84	10.98
	218	-1.45e-003	-0.75	0.51	-3.27	10.29	15.39
	219	-1.45e-003	-0.57	-8.18e-002	-2.50	3.88	13.33
754	180	-0.19	0.36	-3.61e-002	-2.25	-21.44	-0.96
	185	-0.19	-0.44	0.48	-20.19	-21.10	1.69
	216	-4.36e-003	-0.44	0.49	-11.09	-3.35	9.03
	217	-4.36e-003	0.36	-3.15e-002	-3.57	-13.01	6.38
755	210	-1.45e-003	1.25	0.22	28.10	-15.42	13.01
	215	-1.45e-003	3.90	0.88	6.73	-5.66	30.51
	204	0.74	3.90	0.78	38.38	-23.07	28.76
	212	0.74	1.25	0.12	30.28	-9.68	11.26
756	208	-1.34e-002	1.44	0.50	17.27	-1.08	7.93
	214	-1.34e-002	2.11	-8.90e-002	1.35	2.75	10.59
	215	-1.45e-003	2.11	1.66e-002	6.60	-3.76	18.91
	210	-1.45e-003	1.44	0.60	19.81	-11.28	16.25
757	206	-4.82e-003	1.19	0.58	19.41	9.03	-3.86
	213	-4.82e-003	1.13	-4.25e-002	1.16	14.21	-4.96
	214	-1.34e-002	1.13	-8.73e-002	2.82	4.03	5.62
	208	-1.34e-002	1.19	0.53	14.50	-5.22	6.72
758	184	0.19	0.85	0.54	23.11	28.23	-18.89
	179	0.19	9.35e-002	-3.37e-002	3.76	29.39	-20.51
	213	-4.82e-003	9.35e-002	-2.91e-002	3.57	19.42	-9.77
	206	-4.82e-003	0.85	0.55	18.54	5.93	-8.14
759	211	0.25	0.45	0.24	24.11	-14.94	5.53
	210	0.25	1.25	0.22	23.47	-12.39	9.58
	212	0.23	1.25	-1.66e-002	31.43	-12.56	11.72
	201	0.23	0.45	-3.43e-003	23.98	-14.43	7.67
760	209	-3.67e-002	0.75	0.27	21.57	-27.85	4.47
	208	-3.67e-002	1.44	0.61	20.86	-4.22	5.48
	210	0.25	1.44	0.60	18.68	-11.06	9.59
	211	0.25	0.75	0.26	26.72	6.95	8.58
761	207	-3.77e-003	1.21	0.26	22.73	-30.90	-4.26
	206	-3.77e-003	1.19	0.64	27.53	3.95	-6.52
	208	-3.67e-002	1.19	0.65	13.18	-5.24	2.06
	209	-3.67e-002	1.21	0.27	30.47	17.92	4.31
762	176	-0.19	1.77	0.40	42.56	-11.23	-11.78
	184	-0.19	0.85	0.72	42.43	25.92	-20.88
	206	-3.77e-003	0.85	0.61	17.71	3.81	-12.78
	207	-3.77e-003	1.77	0.30	40.61	29.91	-3.69
763	149	-3.75e-002	2.09	-0.37	1.73	14.04	30.59

	38	-3.75e-002	2.86	-0.18	-15.18	-12.43	26.21
	169	-1.92e-002	2.86	-0.16	-8.71	18.77	31.84
	193	-1.92e-002	2.09	-0.35	-19.06	-14.59	36.22
764	54	-2.13e-002	1.36	-0.40	-3.80	6.71	25.39
	149	-2.13e-002	2.09	-0.42	-7.32	13.63	26.75
	193	-2.72e-002	2.09	-0.41	-3.92	-16.00	27.75
	177	-2.72e-002	1.36	-0.39	-2.75	-10.32	26.39
765	157	-2.36e-002	0.51	-0.50	1.93	1.87	20.86
	54	-2.36e-002	1.36	-0.46	-6.49	4.49	24.55
	177	-2.40e-002	1.36	-0.42	3.36	-8.02	24.66
	190	-2.40e-002	0.51	-0.46	2.92	-5.54	20.97
766	162	4.18e-003	-0.33	-0.50	7.85	-0.16	17.06
	157	4.18e-003	0.51	-0.51	-1.06	1.54	19.79
	190	-1.02e-002	0.51	-0.46	7.02	-4.37	19.15
	189	-1.02e-002	-0.33	-0.45	7.81	-1.79	16.42
767	55	3.36e-002	-1.16	-0.42	13.26	-6.00e-002	14.88
	162	3.36e-002	-0.33	-0.48	5.34	9.24e-002	16.73
	189	1.01e-003	-0.33	-0.44	10.69	-0.53	15.19
	178	1.01e-003	-1.16	-0.39	13.34	1.71	13.35
768	28	2.46e-002	-1.87	-0.37	17.79	-0.34	12.13
	55	2.46e-002	-1.16	-0.36	12.09	0.36	14.35
	178	-1.30e-003	-1.16	-0.36	15.43	3.32	12.17
	188	-1.30e-003	-1.87	-0.37	21.70	6.68	9.95
769	47	1.01e-002	-2.54	-0.15	38.69	27.06	11.08
	28	1.01e-002	-1.87	-0.31	12.14	2.72	13.50
	188	-1.49e-002	-1.87	-0.35	29.04	5.36	14.22
	174	-1.49e-002	-2.54	-0.19	29.69	-19.87	11.80
770	141	-9.23e-002	-2.41	-5.24e-002	24.85	-46.71	-0.71
	47	-9.23e-002	-2.54	-0.12	29.86	-44.13	0.31
	174	-0.11	-2.54	-0.22	37.96	-25.42	10.90
	187	-0.11	-2.41	-0.14	18.86	-43.17	9.89
771	46	-0.18	-3.22	-0.38	16.71	-111.67	3.69
	141	-0.18	-2.41	-0.14	36.59	-51.79	-10.60
	187	-3.16e-003	-2.41	-8.79e-002	19.02	-53.90	10.54
	173	-3.16e-003	-3.22	-0.34	4.50	-34.56	24.82
772	130	-8.90e-002	-1.32	0.12	-19.27	-53.23	4.64
	45	-8.90e-002	-0.76	-4.50e-002	6.53	-3.99	7.34
	172	-1.59e-002	-0.76	-0.14	2.22	-57.84	29.56
	186	-1.59e-002	-1.32	2.29e-002	-9.33	-51.23	26.86
773	44	-1.06e-002	-1.85	0.10	-64.12	-93.63	6.79
	130	-1.06e-002	-1.32	0.10	-10.36	-67.28	10.42
	186	3.65e-002	-1.32	0.14	-15.95	-57.56	22.71
	171	3.65e-002	-1.85	0.14	-50.97	-54.78	19.08
774	122	0.29	-0.43	0.15	-46.96	-13.99	1.68
	44	0.29	-1.85	7.45e-002	-64.02	-0.56	8.74
	171	0.19	-1.85	0.36	-61.25	-29.94	5.50
	185	0.19	-0.43	0.43	-26.67	-12.54	-1.56
775	57	0.62	1.86	0.65	-24.81	10.51	-6.93
	122	0.62	-0.43	0.31	-39.36	-11.47	2.36
	185	-0.19	-0.43	0.26	-24.64	-10.95	1.03
	180	-0.19	1.86	0.60	-9.18	-31.30	-8.26
776	101	-0.63	0.77	0.38	43.63	27.91	-15.12
	56	-0.63	-1.51	0.63	37.28	0.10	-27.58
	179	0.19	-1.51	0.58	10.55	45.10	-30.97
	184	0.19	0.77	0.33	29.65	21.44	-18.51
777	49	-0.31	2.29	0.17	68.19	11.95	-10.44
	101	-0.31	0.77	0.27	55.21	30.37	-17.94
	184	-0.19	0.77	0.51	28.83	23.65	-21.04
	176	-0.19	2.29	0.40	70.07	45.86	-13.54
778	85	-7.34e-002	1.81	0.26	34.57	88.33	-7.10

	49	-7.34e-002	2.29	0.24	84.72	105.52	-13.47
	176	-3.69e-002	2.29	0.20	55.96	51.16	-5.17
	183	-3.69e-002	1.81	0.22	34.94	60.90	1.20
779	48	3.95e-002	0.95	0.53	-10.69	64.25	-9.67
	85	3.95e-002	1.81	0.33	30.11	78.73	-7.85
	183	-0.19	1.81	0.12	27.37	58.02	8.23
	175	-0.19	0.95	0.32	-3.11	48.22	6.40
780	93	0.23	0.22	4.47e-003	-42.61	53.13	-17.28
	48	0.23	0.95	0.33	-15.30	53.81	-7.68
	175	-1.44	0.95	0.39	-4.21	42.12	4.83
	182	-1.44	0.22	6.65e-002	-31.83	20.84	-4.77
781	39	4.79e-002	2.15	-0.78	-52.34	51.17	2.26
	93	4.79e-002	0.22	-0.23	-53.99	55.99	-9.50
	182	-0.76	0.22	-0.51	-36.10	12.43	-22.18
	170	-0.76	2.15	-1.06	-97.01	39.52	-10.43
782	77	-2.67e-002	2.94	-9.31e-002	-25.61	44.76	9.19
	39	-2.67e-002	2.15	-0.83	-46.58	44.56	2.79
	170	0.19	2.15	-0.67	-55.80	46.36	12.74
	181	0.19	2.94	6.60e-002	-33.34	31.13	19.14
783	38	-0.21	2.86	-0.22	-3.26	43.80	19.03
	77	-0.21	2.94	-4.12e-003	-25.60	43.44	13.20
	181	0.12	2.94	0.14	-29.31	29.78	18.42
	169	0.12	2.86	-7.96e-002	-25.54	24.74	24.25
784	17	0.10	-2.07	0.20	-4.07	14.23	12.09
	144	0.10	-2.78	6.81e-002	-7.43	-3.11	3.84
	47	1.01e-002	-2.78	0.12	-17.06	21.10	7.83
	28	1.01e-002	-2.07	0.25	-21.95	-1.03	16.08
785	165	0.10	-1.33	0.32	-11.28	9.03	12.68
	17	0.10	-2.07	0.26	-11.94	13.20	11.23
	28	2.46e-002	-2.07	0.31	-15.11	-1.86	13.15
	55	2.46e-002	-1.33	0.38	-12.97	1.00e-003	14.60
786	161	0.11	-0.42	0.47	-5.71	1.13	10.57
	165	0.11	-1.33	0.38	-13.40	6.70	11.01
	55	3.36e-002	-1.33	0.44	-9.71	0.44	15.93
	162	3.36e-002	-0.42	0.53	-8.07	-0.55	15.48
787	156	6.33e-003	0.56	0.52	3.95	-6.21	11.33
	161	6.33e-003	-0.42	0.51	-4.35	-0.71	10.13
	162	4.18e-003	-0.42	0.55	-2.96	-1.93	16.61
	157	4.18e-003	0.56	0.56	-1.06	-5.06	17.81
788	152	-0.10	1.49	0.41	11.55	-15.62	14.16
	156	-0.10	0.56	0.49	5.58	-8.59	11.51
	157	-2.36e-002	0.56	0.55	4.17	-7.03	19.41
	54	-2.36e-002	1.49	0.47	5.01	-10.54	22.06
789	148	-0.10	2.27	0.33	6.14	-24.32	16.38
	152	-0.10	1.49	0.37	9.54	-19.25	16.20
	54	-2.13e-002	1.49	0.42	7.91	-11.63	22.73
	149	-2.13e-002	2.27	0.38	7.16	-14.39	22.91
790	76	-0.10	3.10	0.17	-8.09	-7.40	14.02
	148	-0.10	2.27	0.31	-3.09	-26.05	18.55
	149	-3.75e-002	2.27	0.33	11.61	-18.41	27.05
	38	-3.75e-002	3.10	0.19	-7.71	-47.26	22.53
791	140	1.09e-002	-2.41	7.60e-002	20.70	-41.19	-16.88
	144	1.09e-002	-2.78	-5.44e-002	5.29	-41.87	-6.36
	47	-9.23e-002	-2.78	-9.48e-002	25.28	-31.07	1.11
	141	-9.23e-002	-2.41	3.56e-002	23.11	-45.78	-9.42
792	133	-0.11	-1.62	-0.33	22.80	-40.10	-18.10
	140	-0.11	-2.41	-1.80e-003	25.91	-38.72	-16.07
	141	-0.18	-2.41	-4.70e-002	23.77	-51.52	-13.22
	46	-0.18	-1.61	-0.37	30.49	-53.37	-17.00
793	129	-0.17	-1.38	3.12e-003	-5.66	-40.08	-10.94

	133	-0.17	-1.34	-0.21	22.93	-42.24	-19.18
	45	-8.90e-002	-1.30	-7.63e-002	3.63	-41.38	-12.65
	130	-8.90e-002	-1.38	0.13	-8.11	-56.59	-2.10
794	125	-7.68e-002	-1.79	-9.29e-002	-53.49	-46.58	-2.01
	129	-7.68e-002	-1.38	1.15e-002	-12.60	-46.75	-6.14
	130	-1.06e-002	-1.38	0.11	-15.53	-61.57	-2.53
	44	-1.06e-002	-1.79	6.99e-003	-59.34	-68.53	1.59
795	121	5.43e-002	-0.60	-0.25	-35.64	-2.48	10.07
	125	5.43e-002	-1.79	-0.16	-64.15	-15.23	5.88
	44	0.29	-1.79	-1.31e-002	-66.06	2.99	2.95
	122	0.29	-0.60	-0.11	-47.67	-6.23	7.13
796	117	1.61e-003	0.40	9.45e-002	-23.30	-4.24	13.98
	121	1.61e-003	-0.60	-0.18	-34.66	2.30e-002	10.30
	122	0.62	-0.60	4.95e-002	-41.18	-3.87	4.95
	57	0.62	0.40	0.32	-29.02	6.81	8.62
797	113	-0.11	6.96e-002	0.57	-8.85	3.91	26.91
	117	-0.11	0.40	0.33	-22.16	-8.18e-003	16.67
	57	2.01	0.40	0.71	-47.69	5.56	20.09
	114	2.01	6.96e-002	0.95	-14.06	-2.91	30.33
798	108	9.24e-003	-6.45e-002	0.98	10.89	-1.84	26.74
	113	9.24e-003	6.96e-002	0.96	-3.51	2.09	27.93
	114	-5.72e-002	6.96e-002	0.32	-7.12	0.35	29.42
	109	-5.72e-002	-6.45e-002	0.33	18.07	2.29	28.23
799	104	0.11	-0.28	0.28	30.67	-0.45	8.44
	108	0.11	-6.45e-002	0.58	17.54	-4.24	24.67
	109	-2.13	-6.45e-002	0.96	25.80	6.92	27.00
	56	-2.13	-0.28	0.66	71.12	1.99e-002	10.77
800	100	-3.66e-003	0.84	-0.13	39.50	1.68	-0.40
	104	-3.66e-003	-0.28	5.62e-002	30.81	6.14	5.08
	56	-0.63	-0.28	0.30	40.45	-1.27	-5.66
	101	-0.63	0.84	0.12	48.13	16.09	-11.15
801	88	-6.71e-002	2.09	-9.06e-002	62.65	4.16	-9.70
	100	-6.71e-002	0.84	-0.16	43.87	3.55	-3.50
	101	-0.31	0.84	1.26e-002	49.66	21.43	-9.01
	49	-0.31	2.09	8.00e-002	77.51	27.43	-15.21
802	84	4.28e-002	1.68	0.12	30.92	56.17	-19.53
	88	4.28e-002	2.09	4.09e-002	65.97	61.48	-15.42
	49	-7.34e-002	2.09	0.21	65.23	66.99	-15.22
	85	-7.34e-002	1.68	0.29	50.39	72.13	-19.34
803	96	0.19	1.08	0.18	-8.31	52.81	-22.19
	84	0.19	1.68	0.16	24.25	54.30	-21.33
	85	3.95e-002	1.68	0.36	22.42	69.12	-17.34
	48	3.95e-002	1.08	0.39	-4.16	64.70	-18.20
804	92	0.27	1.07	-9.16e-002	-33.78	49.27	-17.88
	96	0.27	1.08	0.14	-15.55	51.78	-22.03
	48	0.23	1.08	0.18	-19.68	58.83	-19.09
	93	0.23	1.07	-5.37e-002	-39.29	56.28	-14.94
805	80	0.23	1.84	-0.33	-39.54	48.73	-6.52
	92	0.23	1.07	-0.19	-36.01	49.22	-14.87
	93	4.79e-002	1.07	-0.29	-46.31	52.38	-13.11
	39	4.79e-002	1.84	-0.43	-48.66	49.85	-4.76
806	75	0.13	2.68	-0.21	-16.50	49.15	0.93
	80	0.13	1.84	-0.35	-32.49	47.47	-4.96
	39	-2.67e-002	1.84	-0.48	-41.82	49.26	1.40
	77	-2.67e-002	2.68	-0.35	-23.10	38.16	7.29
807	76	-2.82e-002	3.10	-0.20	17.68	53.49	9.65
	75	-2.82e-002	2.68	-0.23	-9.48	48.98	3.95
	77	-0.21	2.68	-0.26	-14.83	36.63	9.96
	38	-0.21	3.10	-0.23	-2.88	26.83	15.66

SFORZI "PERM" (Fase 1)

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
206	230	-11.03	0.00	0.00	0.00	0.00	0.00
	234	11.03	0.00	0.00	0.00	0.00	0.00
207	232	0.22	0.00	0.00	0.00	0.00	0.00
	238	-0.22	0.00	0.00	0.00	0.00	0.00
208	319	8.74	0.00	0.00	0.00	0.00	0.00
	322	-8.74	0.00	0.00	0.00	0.00	0.00
209	285	-4.16	0.00	0.00	0.00	0.00	0.00
	286	4.16	0.00	0.00	0.00	0.00	0.00
210	456	-12.07	0.00	0.00	0.00	0.00	0.00
	470	12.07	0.00	0.00	0.00	0.00	0.00
211	458	-5.84	0.00	0.00	0.00	0.00	0.00
	474	5.84	0.00	0.00	0.00	0.00	0.00
212	460	-0.38	0.00	0.00	0.00	0.00	0.00
	478	0.38	0.00	0.00	0.00	0.00	0.00
213	462	4.24	0.00	0.00	0.00	0.00	0.00
	482	-4.24	0.00	0.00	0.00	0.00	0.00
214	464	10.97	0.00	0.00	0.00	0.00	0.00
	486	-10.97	0.00	0.00	0.00	0.00	0.00
215	12	-0.24	0.00	0.00	0.00	0.00	0.00
	16	0.24	0.00	0.00	0.00	0.00	0.00
216	466	11.57	0.00	0.00	0.00	0.00	0.00
	490	-11.57	0.00	0.00	0.00	0.00	0.00
371	137	-21.37	0.00	0.00	0.00	0.00	0.00
	135	21.37	0.00	0.00	0.00	0.00	0.00
11	681	0.12	3.94e-002	2.05e-004	0.21	-9.54e-003	-808.87
	63	-0.12	8.09	-2.05e-004	-0.21	-6.56e-003	492.75
12	66	0.12	8.15	-2.33e-004	0.18	9.63e-003	-488.35
	681	-0.12	-1.67e-002	2.33e-004	-0.18	8.63e-003	808.87
13	681	-5.97e-002	-8.89e-002	-1.35e-004	-0.20	1.16e-003	-810.41
	65	5.97e-002	8.22	1.35e-004	0.20	9.44e-003	484.24
14	64	-5.93e-002	8.07	-2.47e-005	-0.20	2.19e-003	-496.44
	681	5.93e-002	6.63e-002	2.47e-005	0.20	-2.45e-004	810.44
15	679	177.93	2.71e-002	5.30e-002	0.00	-9.01	4.61
	627	-107.38	-2.71e-002	-5.30e-002	0.00	3.18	-1.63
16	20	222.82	2.71e-002	5.30e-002	0.00	-12.72	6.51
	679	-177.93	-2.71e-002	-5.30e-002	0.00	9.01	-4.61
17	678	183.19	-0.10	-2.06e-003	0.00	0.35	-16.42
	625	-112.65	0.10	2.06e-003	0.00	-0.12	5.79
18	10	228.09	-0.10	-2.06e-003	-1.11e-016	0.49	-23.17
	678	-183.19	0.10	2.06e-003	1.11e-016	-0.35	16.42
19	627	107.38	2.71e-002	5.30e-002	0.00	-3.18	1.63
	710	-68.90	-2.71e-002	-5.30e-002	0.00	0.00	0.00
20	625	112.65	-0.10	-2.06e-003	0.00	0.12	-5.79
	60	-74.17	0.10	2.06e-003	0.00	0.00	0.00
21	138	105.18	1.41e-002	9.28e-002	0.00	-22.28	3.39
	701	4.71	-1.41e-002	-9.28e-002	0.00	0.00	0.00
22	134	103.03	-0.11	-3.08e-002	0.00	7.39	-26.05
	698	6.86	0.11	3.08e-002	0.00	0.00	0.00
23	624	0.80	5.92	3.17e-003	-1.14e-002	-0.23	106.08
	623	-0.80	5.68	-3.17e-003	1.14e-002	-0.13	-92.56
24	624	135.72	0.41	-7.83e-002	0.00	7.83	40.68

	703	-71.59	-0.41	7.83e-002	0.00	0.00	0.00
25	696	231.43	1.21	-8.15e-002	-0.23	19.23	103.74
	624	-141.64	-1.21	8.15e-002	0.23	-7.82	65.39
26	623	135.36	-0.32	2.59e-002	0.00	-2.59	-32.26
	702	-71.23	0.32	-2.59e-002	0.00	0.00	0.00
27	697	230.83	-1.12	2.91e-002	-0.13	-6.65	-97.06
	623	-141.05	1.12	-2.91e-002	0.13	2.58	-60.29
28	166	-3.88	6.41e-004	-4.65e-013	-3.43e-003	-7.84	-1107.36
	110	3.88	28.51	4.65e-013	3.43e-003	7.84	-33.13
29	118	-3.88	28.51	-4.65e-013	-3.43e-003	-7.84	33.23
	166	3.88	-6.41e-004	4.65e-013	3.43e-003	7.84	1107.36
30	158	0.99	2.40e-006	-4.71e-013	-3.43e-003	1.73	-1140.16
	69	-0.99	28.51	4.71e-013	3.43e-003	-1.73	-0.38
31	74	0.99	28.51	-4.71e-013	-3.43e-003	1.73	0.38
	158	-0.99	-2.40e-006	4.71e-013	3.43e-003	-1.73	1140.16
32	153	-0.18	-6.58e-008	-3.95e-013	-3.42e-003	-0.37	-1140.54
	70	0.18	28.51	3.95e-013	3.42e-003	0.37	-4.00e-003
33	81	-0.18	28.51	-3.93e-013	-3.42e-003	-0.37	3.99e-003
	153	0.18	6.58e-008	3.93e-013	3.42e-003	0.37	1140.54
34	145	3.90e-002	-3.52e-007	-2.76e-013	-3.42e-003	7.83e-002	-1140.54
	73	-3.90e-002	28.51	2.76e-013	3.42e-003	-7.83e-002	-6.97e-005
35	89	3.90e-002	28.51	-2.76e-013	-3.42e-003	7.83e-002	1.34e-005
	145	-3.90e-002	3.52e-007	2.76e-013	3.42e-003	-7.83e-002	1140.54
36	136	-6.59e-003	-8.07e-005	-1.89e-013	-3.42e-003	-2.88e-002	-1140.54
	97	6.59e-003	28.51	1.89e-013	3.42e-003	2.88e-002	-6.46e-003
37	105	-6.59e-003	28.51	-1.87e-013	-3.42e-003	-2.88e-002	-6.45e-003
	136	6.59e-003	8.07e-005	1.87e-013	3.42e-003	2.88e-002	1140.54
38	118	5.68e-013	318.57	0.83	-0.38	-45.52	-6374.54
	74	-5.68e-013	-187.93	-0.83	0.38	-10.88	23497.15
39	579	1.82e-012	380.92	-3.05	-33.62	0.00	0.00
	118	-1.82e-012	-347.08	3.05	33.62	53.35	6374.54
40	110	-2.27e-012	318.57	-0.83	0.39	45.52	-6374.52
	69	2.27e-012	-187.93	0.83	-0.39	10.88	23497.13
41	516	-1.82e-012	380.92	3.05	33.53	0.00	0.00
	110	1.82e-012	-347.08	-3.05	-33.53	-53.35	6374.52
42	105	-4.55e-013	-347.08	-7.42e-014	7.11e-015	-3.40e-012	-6374.53
	68	4.55e-013	380.92	7.42e-014	-7.11e-015	4.83e-013	1.16e-010
43	89	-4.55e-013	-187.93	-6.59e-003	6.45e-003	0.42	-23497.14
	105	4.55e-013	318.57	6.59e-003	-6.45e-003	2.88e-002	6374.53
44	97	-4.55e-013	-347.08	2.10e-013	-7.11e-015	-3.55e-012	-6374.53
	67	4.55e-013	380.92	-2.10e-013	7.11e-015	1.71e-013	0.00
45	73	-1.02e-012	-187.93	6.59e-003	6.46e-003	-0.42	-23497.14
	97	1.02e-012	318.57	-6.59e-003	-6.46e-003	-2.88e-002	6374.53
46	81	-2.27e-013	-14.26	3.24e-002	6.44e-003	-1.94	-30020.60
	89	2.27e-013	159.41	-3.24e-002	-6.44e-003	-0.50	23497.15
47	74	2.27e-013	159.41	-0.15	2.45e-003	9.14	-23497.15
	81	-2.27e-013	-14.26	0.15	-2.45e-003	2.30	30020.60
48	70	-1.14e-012	-14.26	-3.24e-002	6.53e-003	1.94	-30020.59
	73	1.14e-012	159.41	3.24e-002	-6.53e-003	0.50	23497.14
49	69	-1.82e-012	159.41	0.15	1.05e-002	-9.14	-23497.14
	70	1.82e-012	-14.26	-0.15	-1.05e-002	-2.30	30020.59
50	63	0.10	-10.68	1.82e-004	-0.30	-6.31e-003	50.69
	700	-0.10	18.10	-1.82e-004	0.30	-6.70e-003	-1080.79

51	698	0.10	18.23	-2.85e-005	-0.34	3.97e-003	1100.49
	66	-0.10	-10.81	2.85e-005	0.34	-1.93e-003	-60.89
52	65	-4.33e-002	-10.63	1.26e-004	0.31	-6.49e-003	58.52
	701	4.33e-002	18.05	-1.26e-004	-0.31	-2.53e-003	-1085.34
53	699	-1.12e-002	18.31	2.67e-005	0.31	-4.87e-004	1101.66
	64	1.12e-002	-10.89	-2.67e-005	-0.31	-1.43e-003	-56.37
54	65	5.49e-003	-14.01	1.16e-003	1.59	-2.71e-002	-893.36
	710	-5.49e-003	19.61	-1.16e-003	-1.59	-3.58e-002	-14.45
55	63	1.57e-002	5.84	9.29e-005	7.02e-003	-7.06e-003	-498.37
	65	-1.57e-002	5.76	-9.29e-005	-7.02e-003	-3.35e-003	502.65
56	58	2.49e-002	19.53	1.27e-003	-1.58	-3.76e-002	14.43
	63	-2.49e-002	-13.94	-1.27e-003	1.58	-3.08e-002	889.23
57	66	7.60e-002	-14.39	1.79e-003	-1.59	-4.51e-002	-913.53
	60	-7.60e-002	19.99	-1.79e-003	1.59	-5.18e-002	-14.84
58	64	6.41e-002	5.98	8.57e-005	-1.34e-002	-4.30e-003	-498.17
	66	-6.41e-002	5.63	-8.57e-005	1.34e-002	-5.30e-003	518.06
59	59	3.05e-002	19.66	7.13e-004	1.58	-2.19e-002	14.76
	64	-3.05e-002	-14.07	-7.13e-004	-1.58	-1.66e-002	895.98
60	706	4.56e-003	25.86	-1.24e-003	1.46	3.38e-002	14.92
	66	-4.56e-003	-8.77	1.24e-003	-1.46	2.45e-002	798.76
61	66	-1.45e-002	20.20	-3.79e-004	-1.00e-002	1.82e-002	-414.63
	65	1.45e-002	19.80	3.79e-004	1.00e-002	2.34e-002	436.62
62	65	-2.67e-002	-9.14	-3.09e-004	-1.44	4.00e-003	-816.31
	702	2.67e-002	26.23	3.09e-004	1.44	1.05e-002	-14.80
63	63	8.20e-002	-9.23	-1.86e-003	1.43	3.95e-002	-820.67
	703	-8.20e-002	26.32	1.86e-003	-1.43	4.78e-002	-14.83
64	64	6.37e-002	20.08	-2.01e-004	6.43e-003	1.09e-002	-430.73
	63	-6.37e-002	19.91	2.01e-004	-6.43e-003	1.13e-002	440.16
65	707	3.02e-002	26.26	-4.70e-004	-1.44	1.28e-002	15.14
	64	-3.02e-002	-9.17	4.70e-004	1.44	9.26e-003	817.57
77	702	6.38e-004	28.04	1.89e-003	14.86	-3.81e-002	237.28
	701	-6.38e-004	-11.60	-1.89e-003	-14.86	-6.39e-002	833.07
78	703	0.32	17.12	1.11e-003	6.19e-002	-0.15	244.87
	702	-0.32	16.96	-1.11e-003	-6.19e-002	2.76e-002	-235.84
79	700	-8.14e-002	-11.71	4.75e-003	-14.76	-0.36	-829.55
	703	8.14e-002	28.14	-4.75e-003	14.76	0.10	-246.30
80	706	3.82e-002	27.63	1.34e-002	-15.07	-0.35	203.90
	698	-3.82e-002	-11.20	-1.34e-002	15.07	-0.37	844.59
81	707	0.26	17.68	-4.91e-003	-0.15	0.23	273.45
	706	-0.26	16.41	4.91e-003	0.15	0.32	-202.43
82	699	5.56e-002	-12.53	1.12e-002	14.99	-0.36	-845.47
	707	-5.56e-002	28.97	-1.12e-002	-14.99	-0.25	-274.89
83	710	-6.24e-002	29.23	1.78e-002	-14.59	-0.90	221.50
	701	6.24e-002	-11.16	-1.78e-002	14.59	6.65e-002	727.65
84	60	-0.11	22.22	-1.48e-002	-0.14	0.69	338.23
	710	0.11	20.06	1.48e-002	0.14	0.94	-219.91
85	698	-0.11	-13.90	5.74e-003	14.70	0.37	-737.82
	60	0.11	31.96	-5.74e-003	-14.70	-0.64	-339.81
86	58	6.77e-002	28.98	-6.44e-003	14.50	-6.49e-002	213.00
	700	-6.77e-002	-10.92	6.44e-003	-14.50	0.37	724.56
87	59	0.28	21.86	-2.03e-003	6.76e-002	0.12	290.73
	58	-0.28	20.42	2.03e-003	-6.76e-002	0.10	-211.42
88	699	8.45e-002	-12.90	-5.54e-003	-14.70	0.36	-738.50

	59	-8.45e-002	30.96	5.54e-003	14.70	-0.10	-292.31
89	708	226.41	3.40e-002	0.20	0.00	-47.13	8.15
	59	-72.49	-3.40e-002	-0.20	0.00	0.00	0.00
90	709	222.85	2.05e-002	-0.22	0.00	51.62	4.92
	58	-68.93	-2.05e-002	0.22	0.00	0.00	0.00
95	704	226.83	0.21	4.63e-002	0.00	-11.11	50.08
	707	-72.91	-0.21	-4.63e-002	0.00	0.00	0.00
96	705	223.82	-0.23	-1.37e-002	0.00	3.30	-54.67
	706	-69.90	0.23	1.37e-002	0.00	0.00	0.00
101	142	102.78	4.16e-002	6.59e-002	0.00	-15.82	9.99
	699	7.12	-4.16e-002	-6.59e-002	0.00	0.00	0.00
102	131	105.38	2.72e-003	-0.14	0.00	33.67	0.65
	700	4.52	-2.72e-003	0.14	0.00	0.00	0.00
217	280	-161.58	6.63	-6.20e-003	0.21	3.33	33.53
	274	161.58	7.69	6.20e-003	-0.21	-2.80	-79.17
218	127	-20.60	9.54	-0.22	-4.27e-003	9.18	206.67
	616	20.60	4.77	0.22	4.27e-003	9.47	-1.70
219	404	-28.89	9.34	0.24	8.10e-003	-12.56	195.33
	428	28.89	5.64	-0.24	-8.10e-003	-8.77	-28.58
224	62	-2.13	8.98	0.53	6.08e-003	-22.89	174.34
	608	2.13	5.33	-0.53	-6.08e-003	-22.73	-17.37
225	112	0.42	9.78	0.32	-2.73e-002	-14.26	211.92
	612	-0.42	4.54	-0.32	2.73e-002	-13.37	13.47
226	400	-7.51	8.92	-3.94e-002	9.92e-003	0.11	172.61
	420	7.51	6.06	3.94e-002	-9.92e-003	3.43	-43.85
227	396	-46.64	8.35	-0.16	-2.55e-003	5.50	137.92
	412	46.64	6.63	0.16	2.55e-003	9.15	-60.48
686	288	-24.76	9.28	1.20	-8.36e-002	-50.58	187.87
	283	24.76	5.03	-1.20	8.36e-002	-52.21	-5.37
91	709	-10.28	6.12	0.88	-9.25	-14.51	37.86
	40	10.28	17.32	-0.88	9.25	-7.53	-177.90
92	132	8.65	23.27	0.37	-12.43	-14.77	135.51
	709	-8.65	-12.02	-0.37	12.43	10.28	76.18
93	708	-19.92	7.36	-0.53	1.29	-6.34	84.39
	53	19.92	16.07	0.53	-1.29	19.71	-193.25
94	139	-8.19	28.85	5.02e-002	-0.85	-16.20	250.65
	708	8.19	-17.60	-5.02e-002	0.85	15.60	28.10
97	705	9.78	-13.41	5.84e-004	-9.52	16.76	-62.95
	150	-9.78	23.72	-5.84e-004	9.52	-16.76	-141.26
98	5	-12.07	17.82	-0.14	-10.18	9.96	192.40
	705	12.07	4.68	0.14	10.18	-6.65	-34.62
99	704	-4.71	-18.74	-0.14	-9.09	-8.94	-20.40
	147	4.71	29.05	0.14	9.09	10.44	-242.42
100	160	-19.13	16.09	0.25	-13.98	-15.48	197.08
	704	19.13	6.41	-0.25	13.98	9.60	-80.94
103	697	3.60	-16.27	4.42e-003	-0.40	0.23	-75.51
	146	-3.60	20.32	-4.42e-003	0.40	-0.26	-34.24
104	25	-23.15	12.64	0.13	1.74	-1.07	153.08
	697	23.15	3.56	-0.13	-1.74	-1.98	-44.01
105	696	3.62	-16.34	-4.44e-002	3.99	0.33	-75.68
	143	-3.62	20.39	4.44e-002	-3.99	-6.03e-002	-34.53
106	33	-22.48	12.52	-0.18	5.48	3.25	149.64
	696	22.48	3.68	0.18	-5.48	1.19	-43.63

107	205	1.48e-007	-1.43e-010	7.90e-012	-7.12e-010	-5.26e-010	1.76e-008
	222	-1.48e-007	1.43e-010	-7.90e-012	7.12e-010	2.89e-010	-2.19e-008
108	212	-2.51e-008	1.47e-010	7.10e-014	-1.03e-009	-9.70e-010	2.02e-008
	204	2.51e-008	-1.47e-010	-7.10e-014	1.03e-009	9.68e-010	-1.58e-008
109	312	-3.91e-006	-1.65e-009	-2.55e-011	-3.84e-010	-2.66e-010	-4.99e-008
	205	3.91e-006	1.65e-009	2.55e-011	3.84e-010	1.12e-009	-5.07e-009
110	308	-5.36e-006	-5.14e-012	1.97e-011	-1.42e-009	-8.67e-010	-1.57e-008
	312	5.36e-006	5.14e-012	-1.97e-011	1.42e-009	2.11e-010	1.56e-008
111	204	-4.33e-006	1.42e-009	9.49e-011	-3.08e-009	-2.81e-009	-6.26e-010
	308	4.33e-006	-1.42e-009	-9.49e-011	3.08e-009	-3.58e-010	4.80e-008
112	32	3.52	1.71e-010	9.48e-012	-4.19e-010	-5.39e-010	-1.57e-009
	143	3.51	-1.71e-010	-9.48e-012	4.19e-010	1.88e-010	7.89e-009
113	30	3.52	5.07e-011	4.97e-012	-2.13e-011	-1.16e-009	2.33e-010
	32	3.51	-5.07e-011	-4.97e-012	2.13e-011	9.72e-010	1.64e-009
114	364	3.52	-5.73e-010	-1.48e-011	4.44e-010	-3.53e-010	-1.79e-008
	30	3.51	5.73e-010	1.48e-011	-4.44e-010	9.00e-010	-3.34e-009
115	27	3.52	-1.74e-010	3.43e-012	4.93e-011	-4.53e-011	1.47e-009
	146	3.51	1.74e-010	-3.43e-012	-4.93e-011	-8.15e-011	-7.92e-009
116	26	3.52	-5.54e-011	2.81e-012	5.30e-011	-3.47e-010	-4.56e-010
	27	3.51	5.54e-011	-2.81e-012	-5.30e-011	2.43e-010	-1.59e-009
117	365	3.52	6.36e-010	-7.67e-012	-8.89e-011	1.13e-010	1.94e-008
	26	3.51	-6.36e-010	7.67e-012	8.89e-011	1.70e-010	4.11e-009
118	3	3.52	-2.50e-010	-1.70e-012	4.83e-010	5.35e-011	2.17e-010
	150	3.51	2.50e-010	1.70e-012	-4.83e-010	9.39e-012	-9.48e-009
119	168	3.52	-1.31e-011	-1.73e-012	1.59e-010	1.11e-010	-1.81e-010
	3	3.51	1.31e-011	1.73e-012	-1.59e-010	-4.68e-011	-3.04e-010
120	367	3.52	-2.84e-011	1.32e-012	1.70e-010	-4.53e-011	2.78e-010
	168	3.51	2.84e-011	-1.32e-012	-1.70e-010	-3.60e-012	-1.33e-009
121	428	4.42	-6.51e-011	-4.79e-013	1.06e-010	-7.80e-011	-1.58e-009
	367	4.42	6.51e-011	4.79e-013	-1.06e-010	1.00e-010	-1.45e-009
122	426	4.42	-9.59e-012	3.39e-013	-1.25e-011	-1.22e-010	-3.51e-011
	428	4.42	9.59e-012	-3.39e-013	1.25e-011	1.07e-010	-4.11e-010
123	424	4.42	-3.82e-011	-5.18e-013	1.29e-011	-1.11e-010	-7.48e-010
	426	4.42	3.82e-011	5.18e-013	-1.29e-011	1.35e-010	-1.03e-009
124	422	4.42	-3.99e-011	1.76e-014	3.73e-011	-1.47e-010	-8.08e-010
	424	4.42	3.99e-011	-1.76e-014	-3.73e-011	1.46e-010	-1.05e-009
125	420	4.42	-6.50e-011	4.59e-013	4.11e-011	-2.08e-010	-1.64e-009
	422	4.42	6.50e-011	-4.59e-013	-4.11e-011	1.87e-010	-1.39e-009
126	418	4.42	-4.93e-011	-1.36e-013	7.35e-011	-2.33e-010	-9.58e-010
	420	4.42	4.93e-011	1.36e-013	-7.35e-011	2.39e-010	-1.33e-009
127	416	4.42	-4.51e-011	3.93e-013	8.02e-011	-2.80e-010	-9.90e-010
	418	4.42	4.51e-011	-3.93e-013	-8.02e-011	2.62e-010	-1.11e-009
128	414	4.42	-4.69e-011	6.38e-013	9.67e-011	-3.40e-010	-1.03e-009
	416	4.42	4.69e-011	-6.38e-013	-9.67e-011	3.11e-010	-1.15e-009
129	412	4.42	-1.31e-010	1.39e-013	7.45e-011	-3.65e-010	-3.36e-009
	414	4.42	1.31e-010	-1.39e-013	-7.45e-011	3.58e-010	-2.74e-009
130	410	4.42	-3.45e-011	-4.33e-012	7.89e-011	-1.41e-010	-5.04e-010
	412	4.42	3.45e-011	4.33e-012	-7.89e-011	3.43e-010	-1.10e-009
131	408	4.42	-9.15e-011	-6.30e-012	-1.36e-010	1.96e-010	-1.15e-009
	410	4.42	9.15e-011	6.30e-012	1.36e-010	9.72e-011	-3.10e-009
132	406	4.42	-9.89e-011	-1.12e-012	-4.06e-010	3.84e-010	-8.29e-010
	408	4.42	9.89e-011	1.12e-012	4.06e-010	-3.32e-010	-3.77e-009
133	293	4.42	8.48e-010	3.25e-011	-4.06e-010	-9.06e-010	2.93e-008

	406	4.42	-8.48e-010	-3.25e-011	4.06e-010	-6.06e-010	1.02e-008
134	164	3.52	3.70e-010	-1.10e-011	4.72e-010	5.23e-010	8.27e-011
	147	3.51	-3.70e-010	1.10e-011	-4.72e-010	-1.16e-010	1.36e-008
135	163	3.52	1.19e-011	-8.15e-012	1.97e-010	1.19e-009	4.27e-011
	164	3.51	-1.19e-011	8.15e-012	-1.97e-010	-8.91e-010	3.99e-010
136	366	3.52	2.83e-011	7.21e-012	-5.13e-011	7.90e-010	-5.85e-010
	163	3.51	-2.83e-011	-7.21e-012	5.13e-011	-1.06e-009	1.63e-009
137	404	4.42	9.73e-011	8.37e-012	9.32e-012	2.04e-010	2.77e-009
	366	4.42	-9.73e-011	-8.37e-012	-9.32e-012	-5.94e-010	1.76e-009
138	403	4.42	4.22e-011	2.31e-012	4.68e-011	3.22e-011	7.05e-010
	404	4.42	-4.22e-011	-2.31e-012	-4.68e-011	-1.40e-010	1.26e-009
139	402	4.42	3.76e-011	2.35e-012	8.66e-011	-1.10e-010	1.12e-009
	403	4.42	-3.76e-011	-2.35e-012	-8.66e-011	2.59e-013	6.24e-010
140	401	4.42	3.97e-011	2.12e-012	7.93e-011	-2.67e-010	1.23e-009
	402	4.42	-3.97e-011	-2.12e-012	-7.93e-011	1.68e-010	6.22e-010
141	400	4.42	9.01e-011	6.47e-013	1.06e-010	-3.34e-010	2.97e-009
	401	4.42	-9.01e-011	-6.47e-013	-1.06e-010	3.04e-010	1.22e-009
142	399	4.42	7.43e-011	5.41e-013	9.67e-011	-3.26e-010	1.75e-009
	400	4.42	-7.43e-011	-5.41e-013	-9.67e-011	3.01e-010	1.70e-009
143	398	4.42	4.47e-011	1.71e-012	3.17e-011	-4.21e-010	1.49e-009
	399	4.42	-4.47e-011	-1.71e-012	-3.17e-011	3.41e-010	5.85e-010
144	397	4.42	4.72e-011	1.51e-012	-1.17e-012	-5.40e-010	1.57e-009
	398	4.42	-4.72e-011	-1.51e-012	1.17e-012	4.70e-010	6.29e-010
145	396	4.42	1.47e-010	-1.96e-012	2.83e-011	-4.69e-010	4.45e-009
	397	4.42	-1.47e-010	1.96e-012	-2.83e-011	5.61e-010	2.38e-009
146	395	4.42	5.04e-011	-3.70e-012	1.33e-010	-1.97e-010	1.23e-009
	396	4.42	-5.04e-011	3.70e-012	-1.33e-010	3.69e-010	1.12e-009
147	394	4.42	9.01e-011	-4.70e-012	1.63e-010	1.38e-010	1.60e-009
	395	4.42	-9.01e-011	4.70e-012	-1.63e-010	8.09e-011	2.59e-009
148	393	4.42	9.62e-011	1.33e-012	1.53e-010	2.08e-010	1.26e-009
	394	4.42	-9.62e-011	-1.33e-012	-1.53e-010	-2.70e-010	3.22e-009
149	292	4.42	-8.11e-010	2.17e-011	-1.03e-010	-7.62e-010	-2.75e-008
	393	4.42	8.11e-010	-2.17e-011	1.03e-010	-2.48e-010	-1.02e-008
150	221	2.76	-2.93e-009	-4.49e-011	1.29e-009	-5.75e-011	-1.83e-008
	205	2.75	2.93e-009	4.49e-011	-1.29e-009	1.36e-009	-6.66e-008
151	219	4.18	-3.80e-011	-1.80e-011	8.83e-010	7.86e-010	2.55e-009
	221	4.18	3.80e-011	1.80e-011	-8.83e-010	7.33e-012	-4.23e-009
152	217	4.18	-9.60e-011	-5.15e-012	1.03e-010	9.71e-010	3.04e-009
	219	4.18	9.60e-011	5.15e-012	-1.03e-010	-7.45e-010	-7.27e-009
153	180	4.18	-1.51e-010	2.32e-011	-4.65e-010	5.50e-010	1.49e-009
	217	4.18	1.51e-010	-2.32e-011	4.65e-010	-1.57e-009	-8.15e-009
154	57	4.66	1.22e-009	8.88e-011	8.58e-010	-2.92e-009	5.01e-008
	180	4.65	-1.22e-009	-8.88e-011	-8.58e-010	-1.43e-009	9.46e-009
155	215	2.76	2.51e-009	-1.50e-010	-7.08e-010	-6.90e-010	1.62e-008
	204	2.75	-2.51e-009	1.50e-010	7.08e-010	5.04e-009	5.66e-008
156	214	4.18	5.20e-011	-6.93e-011	-1.05e-011	2.57e-009	-1.55e-009
	215	4.18	-5.20e-011	6.93e-011	1.05e-011	4.79e-010	3.84e-009
157	213	4.18	9.48e-011	-2.89e-011	3.76e-010	5.30e-009	-3.71e-009
	214	4.18	-9.48e-011	2.89e-011	-3.76e-010	-4.03e-009	7.88e-009
158	179	4.18	1.32e-010	6.62e-011	-1.02e-009	3.09e-009	-3.17e-009
	213	4.18	-1.32e-010	-6.62e-011	1.02e-009	-6.01e-009	8.99e-009
159	56	4.66	-1.34e-009	1.83e-010	-2.61e-009	-7.34e-009	-5.42e-008
	179	4.65	1.34e-009	-1.83e-010	2.61e-009	-1.62e-009	-1.15e-008

160	42	3.52	-1.15e-011	-1.89e-010	8.89e-010	-7.61e-010	-6.21e-010
	132	3.51	1.15e-011	1.89e-010	-8.89e-010	7.76e-009	1.95e-010
161	41	3.52	-9.77e-012	-3.16e-011	4.77e-010	-4.33e-011	-1.39e-009
	42	3.51	9.77e-012	3.16e-011	-4.77e-010	1.21e-009	1.02e-009
162	357	3.52	1.74e-011	-6.70e-011	-1.32e-010	2.63e-010	-6.03e-010
	41	3.51	-1.74e-011	6.70e-011	1.32e-010	2.22e-009	1.25e-009
163	616	4.42	1.80e-011	-7.45e-011	-2.52e-010	2.17e-009	7.35e-010
	357	4.42	-1.80e-011	7.45e-011	2.52e-010	1.29e-009	1.01e-010
164	615	4.42	3.63e-012	-2.40e-011	2.37e-010	1.12e-009	1.08e-009
	616	4.42	-3.63e-012	2.40e-011	-2.37e-010	-1.72e-012	-9.08e-010
165	614	4.42	-6.09e-012	-3.88e-011	3.41e-010	1.13e-009	5.14e-010
	615	4.42	6.09e-012	3.88e-011	-3.41e-010	6.79e-010	-7.97e-010
166	613	4.42	-3.61e-012	-4.30e-011	1.86e-010	9.06e-010	1.55e-010
	614	4.42	3.61e-012	4.30e-011	-1.86e-010	1.09e-009	-3.23e-010
167	612	4.42	1.05e-012	-4.87e-011	1.06e-010	9.23e-010	1.37e-010
	613	4.42	-1.05e-012	4.87e-011	-1.06e-010	1.34e-009	-8.86e-011
168	611	4.42	-4.32e-013	-5.12e-011	-3.13e-011	8.63e-010	8.43e-011
	612	4.42	4.32e-013	5.12e-011	3.13e-011	1.52e-009	-1.04e-010
169	610	4.42	1.21e-012	-4.84e-011	-3.23e-012	8.51e-010	1.28e-010
	611	4.42	-1.21e-012	4.84e-011	3.23e-012	1.40e-009	-7.12e-011
170	609	4.42	1.49e-012	-4.86e-011	8.46e-012	9.05e-010	1.72e-010
	610	4.42	-1.49e-012	4.86e-011	-8.46e-012	1.36e-009	-1.03e-010
171	608	4.42	3.39e-012	-6.09e-011	2.91e-011	1.34e-009	2.82e-010
	609	4.42	-3.39e-012	6.09e-011	-2.91e-011	1.49e-009	-1.25e-010
172	607	4.42	-1.36e-012	-5.63e-011	-2.11e-010	1.05e-009	1.87e-010
	608	4.42	1.36e-012	5.63e-011	2.11e-010	1.57e-009	-2.51e-010
173	606	4.42	1.05e-012	-5.02e-011	-2.28e-010	1.04e-009	2.25e-010
	607	4.42	-1.05e-012	5.02e-011	2.28e-010	1.30e-009	-1.76e-010
174	605	4.42	2.00e-012	-5.12e-011	-2.88e-010	1.12e-009	2.95e-010
	606	4.42	-2.00e-012	5.12e-011	2.88e-010	1.27e-009	-2.02e-010
175	283	4.42	6.23e-012	-9.19e-011	-3.10e-010	2.32e-009	5.31e-010
	605	4.42	-6.23e-012	9.19e-011	3.10e-010	1.96e-009	-2.41e-010
176	350	4.05	-5.88e-012	-3.93e-011	-9.17e-010	7.70e-010	2.80e-010
	283	4.05	5.88e-012	3.93e-011	9.17e-010	9.07e-010	-5.31e-010
177	349	4.05	6.02e-013	-9.03e-011	-9.93e-010	1.88e-009	3.26e-010
	350	4.05	-6.02e-013	9.03e-011	9.93e-010	1.97e-009	-3.00e-010
178	195	5.48	2.24e-012	-4.64e-011	-1.19e-009	5.86e-010	4.37e-010
	349	5.48	-2.24e-012	4.64e-011	1.19e-009	2.09e-009	-3.08e-010
179	274	2.76	-1.17e-012	-1.03e-009	-1.31e-009	1.79e-008	4.65e-010
	195	2.75	1.17e-012	1.03e-009	1.31e-009	1.19e-008	-4.99e-010
180	273	4.18	-1.09e-011	-3.19e-011	-1.22e-009	-1.03e-009	-6.76e-011
	274	4.18	1.09e-011	3.19e-011	1.22e-009	2.43e-009	-4.14e-010
181	272	4.18	-1.44e-011	-2.72e-010	-1.33e-009	3.01e-009	-9.14e-010
	273	4.18	1.44e-011	2.72e-010	1.33e-009	8.98e-009	2.82e-010
182	170	4.18	-4.35e-011	1.52e-009	-2.31e-009	-5.55e-008	-2.21e-009
	272	4.18	4.35e-011	-1.52e-009	2.31e-009	-1.13e-008	2.93e-010
183	52	3.52	-1.06e-011	3.42e-010	7.92e-012	1.91e-012	-5.25e-010
	139	3.51	1.06e-011	-3.42e-010	-7.92e-012	-1.27e-008	1.33e-010
184	50	3.52	-7.42e-012	3.25e-011	1.01e-010	-1.99e-010	-1.10e-009
	52	3.51	7.42e-012	-3.25e-011	-1.01e-010	-1.00e-009	8.30e-010
185	362	3.52	9.10e-012	5.51e-011	3.38e-010	2.80e-010	-6.20e-010
	50	3.51	-9.10e-012	-5.51e-011	-3.38e-010	-2.32e-009	9.57e-010
186	127	4.42	9.03e-012	1.07e-010	2.36e-010	-2.80e-009	5.18e-012

	362	4.42	-9.03e-012	-1.07e-010	-2.36e-010	-2.17e-009	4.15e-010
187	124	4.42	2.43e-012	6.83e-011	1.53e-010	-1.09e-009	1.57e-010
	127	4.42	-2.43e-012	-6.83e-011	-1.53e-010	-2.09e-009	-4.37e-011
188	120	4.42	2.44e-012	4.93e-011	1.25e-010	-1.25e-009	2.66e-010
	124	4.42	-2.44e-012	-4.93e-011	-1.25e-010	-1.05e-009	-1.52e-010
189	116	4.42	2.34e-012	5.06e-011	1.49e-010	-1.35e-009	4.05e-010
	120	4.42	-2.34e-012	-5.06e-011	-1.49e-010	-1.01e-009	-2.96e-010
190	112	4.42	-8.36e-013	9.60e-011	1.45e-010	-3.03e-009	4.04e-010
	116	4.42	8.36e-013	-9.60e-011	-1.45e-010	-1.44e-009	-4.43e-010
191	107	4.42	1.39e-012	9.63e-011	1.05e-011	-2.05e-009	4.23e-010
	112	4.42	-1.39e-012	-9.63e-011	-1.05e-011	-2.43e-009	-3.58e-010
192	103	4.42	1.61e-012	4.90e-011	8.63e-011	-1.55e-009	4.72e-010
	107	4.42	-1.61e-012	-4.90e-011	-8.63e-011	-7.35e-010	-3.97e-010
193	99	4.42	1.42e-012	4.91e-011	1.46e-010	-1.59e-009	5.67e-010
	103	4.42	-1.42e-012	-4.91e-011	-1.46e-010	-6.88e-010	-5.01e-010
194	62	4.42	-4.98e-012	8.95e-011	1.22e-010	-3.02e-009	3.90e-010
	99	4.42	4.98e-012	-8.95e-011	-1.22e-010	-1.14e-009	-6.21e-010
195	622	4.42	-6.70e-012	8.15e-011	-2.43e-010	-1.79e-009	-3.98e-011
	62	4.42	6.70e-012	-8.15e-011	2.43e-010	-2.00e-009	-2.72e-010
196	620	4.42	-1.27e-011	4.24e-011	-3.57e-010	-1.02e-009	-8.53e-010
	622	4.42	1.27e-011	-4.24e-011	3.57e-010	-9.49e-010	2.62e-010
197	618	4.42	-2.56e-012	4.90e-011	-2.54e-010	-8.18e-010	-1.37e-009
	620	4.42	2.56e-012	-4.90e-011	2.54e-010	-1.46e-009	1.25e-009
198	288	4.42	3.04e-011	1.45e-010	7.00e-010	-3.89e-009	-5.81e-011
	618	4.42	-3.04e-011	-1.45e-010	-7.00e-010	-2.86e-009	1.47e-009
199	354	4.05	6.69e-011	1.23e-010	9.28e-010	-3.10e-009	3.89e-009
	288	4.05	-6.69e-011	-1.23e-010	-9.28e-010	-2.14e-009	-1.04e-009
200	352	4.05	2.27e-011	1.15e-010	4.42e-010	-4.68e-009	5.88e-009
	354	4.05	-2.27e-011	-1.15e-010	-4.42e-010	-2.40e-010	-4.92e-009
201	200	5.48	-5.25e-011	3.80e-011	-1.41e-009	-3.02e-009	3.40e-009
	352	5.48	5.25e-011	-3.80e-011	1.41e-009	8.34e-010	-6.42e-009
202	280	2.76	-1.07e-010	9.20e-010	-2.15e-009	-1.78e-008	-1.58e-009
	200	2.75	1.07e-010	-9.20e-010	2.15e-009	-8.88e-009	-1.51e-009
203	278	4.18	-5.92e-011	-1.05e-011	-1.77e-009	1.25e-009	-4.97e-009
	280	4.18	5.92e-011	1.05e-011	1.77e-009	-7.93e-010	2.37e-009
204	276	4.18	-2.41e-011	2.47e-010	-1.93e-009	-2.11e-009	-6.56e-009
	278	4.18	2.41e-011	-2.47e-010	1.93e-009	-8.77e-009	5.50e-009
205	175	4.18	1.11e-010	-1.55e-009	-1.65e-009	5.71e-008	-2.72e-009
	276	4.18	-1.11e-010	1.55e-009	1.65e-009	1.12e-008	7.61e-009
220	14	18420.98	-709.65	337.40	0.00	-3374.04	-7096.51
	192	-18420.98	709.65	-337.40	0.00	0.00	0.00
221	11	15686.64	709.78	422.47	0.00	-4224.75	7097.83
	191	-15686.64	-709.78	-422.47	0.00	0.00	0.00
222	4	15249.95	-1177.54	-337.54	0.00	3375.36	-11775.36
	695	-15249.95	1177.54	337.54	0.00	0.00	0.00
223	1	12559.42	1177.40	-422.34	0.00	4223.43	11774.04
	694	-12559.42	-1177.40	422.34	0.00	0.00	0.00
228	20	2.52	18.62	0.73	-0.43	-22.20	98.98
	138	-2.52	25.44	-0.73	0.43	-11.90	-259.09
229	137	0.64	26.88	-0.10	7.30	-2.50	277.51
	20	-0.64	17.19	0.10	-7.30	7.08	-49.76
230	10	-0.36	17.21	8.98e-002	-3.43	-6.02	50.55
	135	0.36	26.85	-8.98e-002	3.43	1.80	-277.08

231	134	0.94	25.46	-0.46	1.16	2.20	263.83
	10	-0.94	18.60	0.46	-1.16	19.49	-102.55
232	131	-19.48	3.25	0.18	22.87	28.75	27.62
	40	19.48	17.37	-0.18	-22.87	-32.62	-182.90
233	53	-23.37	18.73	5.90e-002	-24.88	15.69	199.79
	142	23.37	1.90	-5.90e-002	24.88	-16.99	-14.66
234	33	-25.74	15.30	0.61	-3.01	1.32	188.10
	131	25.74	4.95	-0.61	3.01	-19.67	-32.84
235	25	-26.01	15.24	-4.48e-002	10.73	-7.61	183.96
	138	26.01	5.01	4.48e-002	-10.73	8.96	-30.49
236	5	-22.70	19.44	-9.07e-002	-25.73	6.00	223.75
	134	22.70	8.68	9.07e-002	25.73	-3.28	-62.38
237	160	-23.94	20.38	-0.98	-0.13	7.43	240.17
	142	23.94	7.75	0.98	0.13	22.05	-50.78
370	147	42.39	45.40	-0.23	-32.96	-24.18	640.65
	150	-42.39	38.97	0.23	32.96	44.55	-351.18
372	139	33.13	44.20	-0.92	-0.15	39.58	608.63
	132	-33.13	36.42	0.92	0.15	39.75	-274.00

Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
1	53	-0.19	5.31e-002	2.83e-002	9.13e-002	-1.89	-0.51
	51	-0.19	-0.18	0.10	-2.97	-1.46	-1.56
	708	-0.28	5.31e-002	0.11	-0.61	0.61	-0.22
2	708	-0.47	1.37e-002	9.16e-002	-0.49	-1.14	7.64e-002
	52	-0.47	-0.39	0.26	-2.39	-2.08	0.18
	139	-0.56	-2.44e-002	0.17	-0.64	-1.40	-0.19
3	132	-0.54	-2.31e-002	3.26e-002	-0.82	1.66	2.03
	42	-0.54	-7.15e-002	-0.11	-2.88	-0.41	2.50
	709	-0.45	-2.31e-002	4.05e-002	-0.67	-1.47	1.35
4	3	-0.45	-0.22	-0.24	-0.31	1.87	0.69
	705	-0.45	-4.36e-002	-9.20e-002	-0.72	1.71	0.78
	150	-0.53	-5.78e-002	-0.13	-0.66	1.85	0.73
5	164	-0.63	-0.25	0.21	2.47	1.54	1.08
	147	-0.63	1.25e-002	-1.74e-002	0.55	1.25	1.25
	704	-0.50	1.25e-002	-5.72e-002	0.60	0.16	1.16
6	27	-0.57	6.94e-002	0.11	0.21	0.26	0.13
	146	-0.57	-1.33e-002	-5.09e-002	-0.38	-1.39e-003	0.11
	697	-0.52	-1.33e-002	-4.42e-002	-0.39	9.18e-002	7.05e-002
7	32	-0.57	6.92e-002	0.11	-2.52	-0.88	-1.12
	143	-0.57	-1.34e-002	-5.19e-002	-0.87	0.12	-1.03
	696	-0.52	-1.34e-002	-4.52e-002	-0.86	-0.88	-0.87
8	46	-2.16	0.29	0.29	3.16	27.29	-20.53
	133	-2.16	-1.39	0.15	16.98	-22.82	-11.82
	45	-2.07	0.21	0.54	6.57	-66.94	-35.73
9	677	-2.91	-1.02	1.40	225.87	30.59	-103.79
	71	-2.91	1.07	1.59	11.17	21.01	-111.72
	680	-3.14	-0.29	0.81	145.95	52.49	-112.58
10	72	-2.33	-0.53	1.28	211.24	-3.25	-34.39
	82	-2.33	0.59	1.70	116.15	-81.67	12.28
	79	-2.98	-0.30	0.94	227.60	29.57	-85.04
66	709	2.74e-002	-0.28	-0.10	-2.78	0.28	-1.23
	40	2.74e-002	-0.19	-4.52e-002	1.52	-0.70	-1.80
	37	-0.13	-0.19	-0.11	0.67	3.73	-3.26
67	42	-1.44e-002	-0.52	7.61e-002	0.52	-3.19	-2.42
	37	-1.44e-002	-0.27	9.13e-002	0.85	-2.85	-1.61
	709	-4.49e-002	-0.44	-4.81e-002	1.44	-0.59	-1.83
68	51	-2.27e-002	-0.25	-0.11	-3.10e-002	-2.07	8.09e-002
	52	-2.27e-002	-0.57	-9.27e-002	0.23	-2.42	0.58

	708	-5.80e-002	-0.47	6.42e-002	0.64	-0.51	7.02e-002
69	5	3.22e-002	-0.20	5.96e-002	0.44	-0.47	-1.09
	705	3.22e-002	-0.29	0.12	-2.49e-002	3.06e-002	-1.66
	2	-0.15	-0.20	0.13	-0.44	-1.10	-0.33
70	704	-0.30	5.83e-002	0.11	1.17	-2.40	1.20
	155	-0.30	-8.17e-002	-5.32e-002	-0.79	-4.09	1.42
	160	-0.16	1.68e-002	9.34e-002	0.69	-3.14	0.49
71	164	-0.49	-0.13	0.25	3.19	-0.75	0.54
	704	-0.49	-7.10e-002	5.97e-002	1.17	-1.53	0.71
	155	-0.16	-0.11	0.17	2.82	-0.51	-0.10
72	2	-0.30	1.32e-002	6.71e-002	-0.58	0.10	0.96
	705	-0.30	-0.21	0.20	1.57	-0.84	1.04
	3	-0.48	-8.49e-002	0.20	0.40	-0.62	0.37
73	697	-0.30	7.36e-002	0.14	7.93e-002	1.21	-6.37e-002
	24	-0.30	-5.31e-002	-3.16e-002	0.60	-6.82e-005	0.13
	25	-0.15	3.61e-002	0.11	0.32	0.27	-0.56
74	27	-2.37e-002	-0.56	0.10	1.03e-002	-7.79e-002	-0.29
	24	-2.37e-002	-0.30	9.48e-002	-0.27	0.34	-0.39
	697	-1.41e-002	-0.51	-6.60e-002	-0.18	0.40	0.21
75	31	-2.23e-002	-0.30	-9.36e-002	0.78	-2.75	0.42
	32	-2.23e-002	-0.57	-0.10	0.24	-2.71	1.09
	696	-1.53e-002	-0.51	6.89e-002	1.18	-0.81	1.01
76	31	-0.30	-4.70e-002	3.17e-002	-1.14	-3.23	-1.61
	696	-0.30	6.97e-002	-0.14	0.77	-1.16	-1.37
	33	-0.15	3.52e-002	-0.11	0.31	-2.25	-0.49
238	686	5.68e-002	2.41e-002	9.01e-002	-731.89	621.25	-216.37
	685	5.68e-002	-2.29e-002	0.20	-95.65	1087.88	-230.09
	664	0.24	-2.29e-002	0.21	84.88	108.86	-24.25
	675	0.24	2.41e-002	0.10	-930.53	-48.28	-10.53
239	641	7.18e-002	5.71e-002	-3.32e-002	-292.41	803.63	-323.75
	638	7.18e-002	-4.19e-002	-6.33e-002	540.42	693.97	-708.26
	685	5.68e-002	-4.19e-002	-4.52e-003	14.59	1010.46	-607.27
	686	5.68e-002	5.71e-002	2.55e-002	-620.19	718.85	-222.76
240	684	0.22	2.77e-002	-3.41e-002	-740.08	461.99	21.85
	686	0.22	2.41e-002	6.57e-002	-741.65	477.71	7.35
	675	0.60	2.41e-002	6.46e-002	-735.45	-35.80	15.97
	673	0.60	2.77e-002	-3.52e-002	-765.43	-46.21	30.48
241	640	5.92e-002	6.48e-002	-7.45e-003	-319.49	741.68	137.82
	641	5.92e-002	5.71e-002	-1.29e-002	-264.83	749.44	-180.12
	686	0.22	5.71e-002	1.18e-003	-635.54	648.07	-159.56
	684	0.22	6.48e-002	6.61e-003	-654.62	618.79	158.38
242	644	0.11	-6.85e-003	-0.18	-171.55	949.54	234.61
	684	0.11	2.77e-002	-5.98e-002	-741.99	560.06	227.73
	673	0.34	2.77e-002	-7.65e-002	-899.88	-47.66	57.22
	661	0.34	-6.85e-003	-0.19	-22.74	79.56	64.09
243	637	6.90e-002	-2.25e-002	3.06e-002	363.77	653.87	617.51
	640	6.90e-002	6.48e-002	1.56e-002	-323.17	764.23	276.93
	684	0.11	6.48e-002	-1.91e-002	-630.10	670.89	213.76
	644	0.11	-2.25e-002	-4.14e-003	-85.40	895.07	554.34
244	682	0.10	3.47e-002	-1.26e-002	271.66	48.21	-29.04
	689	0.10	1.12e-002	-2.98e-002	631.41	-233.88	-193.78
	638	7.18e-002	1.12e-002	-5.45e-002	410.22	56.96	-556.20
	641	7.18e-002	3.47e-002	-3.72e-002	67.81	336.77	-391.46
245	635	8.24e-002	6.19e-003	-6.68e-003	171.34	183.62	305.83
	632	8.24e-002	7.42e-003	1.92e-003	435.74	-57.48	427.27
	689	0.10	7.42e-003	-1.36e-003	645.91	-262.24	89.02
	682	0.10	6.19e-003	-9.96e-003	274.48	21.07	-32.41
246	643	7.71e-002	4.44e-002	4.46e-003	126.43	161.89	114.20
	682	7.71e-002	3.47e-002	-7.75e-003	174.52	134.65	-126.01

	641	5.92e-002	3.47e-002	-1.69e-002	-147.68	358.14	-144.99
	640	5.92e-002	4.44e-002	-4.67e-003	-171.10	360.33	95.21
247	634	5.74e-002	1.61e-002	1.90e-002	-38.99	215.64	-51.87
	635	5.74e-002	6.19e-003	4.05e-003	-15.53	213.03	101.53
	682	7.71e-002	6.19e-003	-5.12e-003	194.58	93.49	82.29
	643	7.71e-002	1.61e-002	9.78e-003	146.69	120.71	-71.11
248	691	7.42e-002	3.18e-002	2.11e-002	460.41	-140.21	175.85
	643	7.42e-002	4.44e-002	9.24e-003	189.10	89.87	21.65
	640	6.90e-002	4.44e-002	1.83e-002	-17.54	347.08	327.48
	637	6.90e-002	3.18e-002	3.02e-002	269.21	102.99	481.68
249	631	7.95e-002	2.80e-002	2.35e-002	295.47	-10.54	-352.76
	634	7.95e-002	1.61e-002	2.71e-002	86.13	194.68	-242.13
	643	7.42e-002	1.61e-002	1.46e-002	191.80	62.72	39.23
	691	7.42e-002	2.80e-002	1.10e-002	475.21	-168.29	-71.39
250	693	-3.01e-002	8.29e-003	4.25e-003	-377.94	515.48	170.58
	687	-3.01e-002	-5.75e-002	3.79e-002	105.18	755.14	485.11
	632	8.24e-002	-5.75e-002	3.39e-002	556.78	466.44	563.63
	635	8.24e-002	8.29e-003	2.53e-004	-131.29	564.63	249.10
251	671	-6.20e-003	-4.35e-003	-3.86e-002	-592.34	-28.16	0.26
	652	-6.20e-003	-3.56e-002	-0.11	117.39	76.76	18.50
	687	-3.01e-002	-3.56e-002	-0.10	11.04	847.52	183.94
	693	-3.01e-002	-4.35e-003	-2.51e-002	-461.92	451.13	165.69
252	692	7.90e-002	1.63e-002	-3.00e-003	-401.34	433.73	-120.38
	693	7.90e-002	8.29e-003	-3.03e-003	-382.13	462.29	123.20
	635	5.74e-002	8.29e-003	1.10e-002	-94.11	516.79	143.10
	634	5.74e-002	1.63e-002	1.10e-002	-148.62	509.49	-100.48
253	669	0.24	-6.86e-004	2.73e-003	-489.38	-33.53	-29.61
	671	0.24	-4.35e-003	-3.17e-002	-458.04	-23.05	-14.40
	693	7.90e-002	-4.35e-003	-3.24e-002	-464.04	337.48	-5.96
	692	7.90e-002	-6.86e-004	2.01e-003	-463.31	322.39	-21.17
254	683	2.78e-002	-3.81e-002	-2.83e-002	5.60	641.89	-431.53
	692	2.78e-002	1.63e-002	-8.60e-003	-388.75	468.56	-160.33
	634	7.95e-002	1.63e-002	1.92e-002	-162.19	526.34	-201.85
	631	7.95e-002	-3.81e-002	-4.98e-004	381.09	427.82	-473.04
255	649	9.35e-002	-1.93e-002	0.10	10.13	48.27	-56.38
	669	9.35e-002	-6.86e-004	1.23e-002	-563.38	-27.57	-44.70
	692	2.78e-002	-6.86e-004	-3.59e-003	-472.94	391.27	-175.42
	683	2.78e-002	-1.93e-002	8.13e-002	-64.89	711.56	-187.10
256	690	7.61e-002	4.63e-002	4.71e-003	679.32	-555.47	38.65
	691	7.61e-002	3.18e-002	2.26e-002	585.15	-336.21	169.69
	637	1.45e-003	3.18e-002	4.33e-002	724.68	108.68	486.75
	639	1.45e-003	4.63e-002	2.53e-002	915.44	-114.46	355.71
257	633	1.01e-003	7.81e-002	2.87e-002	786.14	-210.90	-287.50
	631	1.01e-003	2.80e-002	1.21e-002	661.60	-23.62	-363.80
	691	7.61e-002	2.80e-002	1.25e-002	559.38	-332.39	-71.74
	690	7.61e-002	7.81e-002	2.90e-002	669.64	-552.63	4.56
258	91	2.93e-002	0.28	-3.48e-002	10.85	-653.16	-27.24
	690	2.93e-002	4.63e-002	-7.49e-003	575.06	-643.43	115.24
	639	2.16e-002	4.63e-002	-0.10	910.11	-183.53	121.40
	95	2.16e-002	0.28	-0.13	84.25	-182.39	-21.09
259	87	4.65e-002	0.36	0.12	48.89	-277.17	-6.60
	633	4.65e-002	7.81e-002	0.13	771.48	-270.56	-99.57
	690	2.93e-002	7.81e-002	1.68e-002	548.32	-636.84	-97.45
	91	2.93e-002	0.36	7.03e-003	5.54	-633.20	-4.48
260	688	5.07e-002	6.72e-002	1.37e-002	748.18	-819.76	-131.56
	626	5.07e-002	0.45	4.36e-002	32.63	-829.18	32.27
	680	4.63e-002	0.45	0.17	132.98	-244.35	34.94
	642	4.63e-002	6.72e-002	0.14	1117.48	-257.49	-128.90
261	636	6.74e-002	0.10	-0.17	979.95	-347.20	109.08
	72	6.74e-002	0.53	-0.16	92.65	-347.30	-4.14

	626	5.07e-002	0.53	-1.39e-002	28.50	-802.29	3.34
	688	5.07e-002	0.10	-2.21e-002	719.54	-812.83	116.56
262	689	0.11	1.12e-002	-3.09e-002	779.60	-459.61	-192.51
	688	0.11	6.72e-002	2.18e-003	879.04	-718.46	-39.20
	642	-1.75e-003	6.72e-002	-2.77e-002	1149.32	-178.65	-398.20
	638	-1.75e-003	1.12e-002	-6.08e-002	948.81	63.43	-551.51
263	632	-1.13e-003	7.42e-003	6.11e-003	884.49	-70.25	429.01
	636	-1.13e-003	0.10	-2.51e-002	1017.56	-277.20	331.50
	688	0.11	0.10	-3.36e-002	868.73	-715.76	-2.98
	689	0.11	7.42e-003	-2.46e-003	753.78	-456.00	94.53
264	4	-0.64	4.86e-002	-0.15	2558.35	1953.12	250.87
	79	-0.64	-9.38e-003	2.57e-002	-606.32	1252.89	22.49
	72	6.74e-002	-9.38e-003	-0.13	265.11	68.95	76.55
	636	6.74e-002	4.86e-002	-0.30	1123.59	-718.93	304.92
265	651	-0.65	-0.26	0.27	2058.13	-216.60	479.59
	655	-0.65	-7.91e-002	1.87e-002	128.13	195.09	399.89
	79	-0.64	-7.91e-002	8.28e-003	-613.64	1389.90	208.46
	4	-0.64	-0.26	0.26	2683.01	2323.65	288.16
266	687	0.11	-5.75e-002	-3.00e-002	10.96	1095.59	550.85
	4	0.11	4.86e-002	-0.23	2378.96	1904.76	444.93
	636	-1.13e-003	4.86e-002	-0.16	1277.47	-607.32	373.64
	632	-1.13e-003	-5.75e-002	3.81e-002	851.18	317.45	479.56
267	652	-0.67	-3.56e-002	-5.97e-002	413.25	228.99	39.12
	651	-0.67	-0.26	0.28	2060.66	-203.06	8.81
	4	0.11	-0.26	0.18	2505.11	2263.41	303.82
	687	0.11	-3.56e-002	-0.17	-75.66	1026.79	334.13
268	14	-0.55	-0.32	-0.11	3139.22	2836.67	-354.53
	677	-0.55	-0.24	-6.80e-003	-663.62	1717.58	-223.95
	667	-0.70	-0.24	1.24e-002	222.96	237.23	-457.48
	663	-0.70	-0.32	-9.03e-002	2444.16	-244.96	-588.06
269	642	4.63e-002	-8.32e-003	0.25	1300.68	-707.28	-334.53
	680	4.63e-002	-0.28	0.13	343.73	251.45	-57.05
	677	-0.55	-0.28	-1.70e-002	-671.15	1570.13	-7.89
	14	-0.55	-8.32e-003	0.11	3000.02	2449.15	-285.37
270	685	-2.24e-003	-2.29e-002	0.26	-187.60	1326.25	-404.45
	14	-2.24e-003	-0.32	-3.62e-003	3078.75	2797.59	-374.70
	663	-0.66	-0.32	-0.10	2544.40	-262.27	-30.11
	664	-0.66	-2.29e-002	0.17	390.38	269.28	-59.85
271	638	-1.75e-003	-4.19e-002	-6.97e-002	943.15	509.34	-601.01
	642	-1.75e-003	-8.32e-003	8.08e-002	1471.31	-605.43	-431.17
	14	-2.24e-003	-8.32e-003	0.21	2916.38	2412.35	-517.90
	685	-2.24e-003	-4.19e-002	6.25e-002	-82.99	1438.23	-687.74
272	1	0.21	7.46e-002	0.22	1882.79	1556.76	-404.70
	683	0.21	-3.81e-002	5.64e-002	-55.99	915.79	-485.90
	631	1.01e-003	-3.81e-002	-1.19e-002	626.26	295.79	-411.73
	633	1.01e-003	7.46e-002	0.15	1000.25	-465.46	-330.53
273	645	-0.45	-0.25	-0.29	1650.90	-178.78	-33.02
	649	-0.45	-1.93e-002	5.24e-002	263.92	180.85	-72.07
	683	0.21	-1.93e-002	0.17	-140.75	850.17	-318.02
	1	0.21	-0.25	-0.18	1998.30	1880.58	-278.97
274	83	-0.53	1.98e-002	-1.46e-002	-457.81	1093.96	-10.38
	1	-0.53	7.46e-002	0.11	2081.11	1613.98	-224.24
	633	4.65e-002	7.46e-002	0.25	894.45	-573.75	-275.63
	87	4.65e-002	1.98e-002	0.13	201.31	29.59	-61.76
275	648	-0.46	-0.10	-2.07e-002	105.15	157.94	-359.83
	645	-0.46	-0.25	-0.29	1718.18	-199.66	-420.66
	1	-0.53	-0.25	-0.29	2214.67	1930.47	-242.82
	83	-0.53	-0.10	-1.83e-002	-480.57	1087.85	-181.99
276	11	8.83e-002	-0.31	1.04e-002	2563.32	2409.57	350.02
	644	8.83e-002	-6.85e-003	-0.26	-252.12	1146.31	389.48

	661	-0.44	-6.85e-003	-0.16	241.37	220.70	93.83
	657	-0.44	-0.31	0.11	2127.71	-236.24	54.37
277	639	1.45e-003	1.80e-002	-6.67e-002	1191.64	-461.55	389.92
	637	1.45e-003	-2.25e-002	4.36e-002	715.44	486.64	533.93
	644	8.83e-002	-2.25e-002	-8.88e-002	-149.82	1255.31	622.82
	11	8.83e-002	1.80e-002	-0.20	2412.13	2059.36	478.80
278	629	-0.44	-0.28	1.17e-002	-530.76	1395.48	196.61
	11	-0.44	-0.31	0.14	2664.96	2438.09	305.57
	657	-0.50	-0.31	0.12	2098.08	-228.34	529.36
	658	-0.50	-0.28	-9.41e-003	195.94	203.94	420.40
279	95	2.16e-002	-0.23	-0.13	276.14	201.24	45.78
	639	2.16e-002	1.80e-002	-0.19	1071.04	-560.15	307.79
	11	-0.44	1.80e-002	-6.89e-002	2509.92	2107.39	256.94
	629	-0.44	-0.23	-2.95e-003	-516.44	1428.46	-5.07
280	630	0.33	-2.49	-5.39e-002	24.94	-1.13	2.09
	660	0.33	-2.82	7.55e-002	102.55	7.50	-2.53
	76	6.18e-002	-2.82	-3.28e-002	72.82	1.10	-0.30
	75	6.18e-002	-2.49	-0.16	33.67	7.77	4.32
281	629	-0.28	-2.91	-0.20	-26.89	-303.85	-44.93
	658	-0.28	-1.86	-0.28	26.70	-268.66	-9.47
	660	0.33	-1.86	-0.10	112.90	-0.82	11.52
	630	0.33	-2.91	-2.50e-002	31.99	13.86	-23.94
282	628	0.21	-2.08	6.90e-002	-36.93	-34.58	-13.13
	630	0.21	-2.49	-5.27e-002	10.71	-12.65	-3.30
	75	-0.12	-2.49	-0.15	18.42	9.38	6.83
	80	-0.12	-2.08	-3.29e-002	-18.09	16.31	-2.99
283	95	-0.23	-2.32	0.56	31.68	-183.26	4.88
	629	-0.23	-2.91	8.09e-002	-32.54	-285.65	-10.85
	630	0.21	-2.91	-2.38e-002	-4.36	-5.47	-26.89
	628	0.21	-2.32	0.45	-34.75	-81.48	-11.16
284	94	-5.47e-002	-1.62	0.16	-24.46	-45.71	-7.97
	628	-5.47e-002	-2.08	0.16	-16.20	-36.19	-13.18
	80	-0.18	-2.08	-1.54e-002	-19.71	7.40	-7.35
	92	-0.18	-1.62	-7.76e-003	-33.08	6.89	-2.13
285	91	0.28	-1.47	0.10	12.79	-133.29	7.99
	95	0.28	-2.32	0.47	-23.29	-166.72	-7.06
	628	-5.47e-002	-2.32	0.54	-25.97	-83.30	-18.65
	94	-5.47e-002	-1.47	0.17	-16.01	-94.60	-3.60
286	90	-8.19e-002	-1.94	-1.72e-002	-21.10	-27.37	9.02
	94	-8.19e-002	-1.62	-9.32e-003	-25.59	-43.91	2.77
	92	-0.22	-1.62	8.86e-002	-34.71	8.07	-11.86
	96	-0.22	-1.94	8.07e-002	-26.49	16.69	-5.62
287	87	0.36	-2.05	-0.38	-17.08	-160.10	11.95
	91	0.36	-1.47	-1.42e-002	4.31	-132.50	-4.38
	94	-8.19e-002	-1.47	-2.47e-003	-15.44	-92.94	2.23
	90	-8.19e-002	-2.05	-0.36	-31.53	-77.98	18.57
288	86	0.15	-2.38	-1.59e-002	2.79	-0.35	0.94
	90	0.15	-1.94	-2.24e-002	-42.78	-23.20	8.64
	96	-0.16	-1.94	7.54e-002	-27.73	28.93	-9.77
	84	-0.16	-2.38	8.20e-002	8.54	33.32	-17.47
289	83	1.98e-002	-2.53	-0.13	-38.49	-269.74	12.50
	87	1.98e-002	-2.05	-0.46	13.87	-177.56	0.58
	90	0.15	-2.05	-0.37	-39.18	-70.73	11.99
	86	0.15	-2.53	-4.22e-002	-14.43	2.68	23.91
290	646	0.26	-2.80	-0.23	88.38	12.25	-4.26
	86	0.26	-2.38	-0.13	18.04	10.47	-6.25
	84	2.60e-002	-2.38	3.98e-002	24.07	36.86	-14.29
	88	2.60e-002	-2.80	-5.86e-002	73.32	42.16	-12.30
291	648	-0.10	-1.59	0.18	10.95	-260.29	6.24
	83	-0.10	-2.53	0.10	-30.39	-286.35	41.77

	86	0.26	-2.53	-0.16	22.78	22.39	20.05
	646	0.26	-1.59	-7.73e-002	103.14	17.57	-15.48
292	82	0.33	-2.68	0.25	-23.24	-0.81	1.20
	656	0.33	-3.27	0.26	52.39	4.08	4.01
	125	2.84e-004	-3.27	0.22	57.84	62.59	19.81
	129	2.84e-004	-2.68	0.20	-22.71	37.77	17.00
293	79	-7.91e-002	-3.57	-0.15	-54.03	-265.92	-33.98
	655	-7.91e-002	-2.01	-0.15	23.68	-274.00	-30.78
	656	0.33	-2.01	0.13	41.45	-7.80	-3.62
	82	0.33	-3.26	0.24	-54.22	-33.29	-70.99
294	78	5.68e-002	-2.28	7.12e-002	-34.71	-55.60	-8.78
	82	5.68e-002	-2.68	0.21	-28.81	-13.31	-12.24
	129	-0.11	-2.68	8.88e-002	-21.65	23.86	12.12
	133	-0.11	-2.28	-5.16e-002	-48.14	12.56	15.58
295	626	0.53	-1.93	2.38e-002	3.71	-153.06	6.33
	72	0.53	-2.81	0.50	-34.40	-171.51	-16.60
	82	5.68e-002	-2.83	0.62	-53.47	-101.35	-16.60
	78	5.68e-002	-1.93	7.05e-002	-18.12	-111.63	-6.31
296	71	9.47e-002	-2.83	-0.32	-23.83	-25.00	15.39
	78	9.47e-002	-2.28	-0.24	-32.60	-57.58	12.94
	133	-7.21e-002	-2.28	-5.13e-002	-47.38	10.68	-1.45
	140	-7.21e-002	-2.83	-0.12	-13.51	9.76	9.96e-001
297	680	0.45	-3.12	-0.61	-39.15	-179.17	9.43
	626	0.45	-1.93	-0.13	12.76	-153.98	-10.13
	78	9.47e-002	-1.93	-0.24	-17.10	-113.02	7.24
	71	9.47e-002	-3.18	-0.77	-46.43	-110.34	16.12
298	668	0.41	-3.29	-0.11	60.47	-2.01	-0.25
	71	0.41	-2.83	-0.20	-17.98	-14.86	4.51
	140	3.70e-002	-2.83	-0.18	-8.34	19.01	-4.53
	144	3.70e-002	-3.29	-0.10	60.95	23.14	-9.28
299	667	-0.24	-2.27	0.27	38.81	-282.50	34.10
	677	-0.24	-4.01	0.26	-51.16	-280.78	36.93
	71	0.41	-3.74	-0.17	-50.34	-43.83	75.99
	668	0.41	-2.27	2.52e-002	50.32	-27.56	7.36
300	676	0.20	-2.75	0.40	-29.06	-43.02	-7.43
	666	0.20	-3.21	0.44	-15.33	-32.88	-6.03
	165	0.11	-3.21	0.11	-12.67	11.26	3.93
	161	0.11	-2.75	6.71e-002	-27.53	8.12	2.53
301	675	0.24	-2.34	0.36	18.47	-147.42	-7.08e-002
	664	0.24	-3.64	0.75	-27.34	-163.44	-11.58
	666	0.20	-3.64	0.93	-23.14	-77.52	-14.77
	676	0.20	-2.34	0.54	-16.82	-88.82	-3.26
302	674	-7.38e-002	-2.64	2.44e-002	-24.65	-44.58	0.80
	676	-7.38e-002	-2.75	0.15	-23.49	-44.75	-0.74
	161	6.45e-002	-2.75	0.11	-25.46	5.42	-1.17
	156	6.45e-002	-2.64	-1.40e-002	-27.29	5.82	0.37
303	673	0.60	-2.20	-0.15	-14.72	-145.35	4.11
	675	0.60	-2.34	0.24	-20.54	-147.83	0.28
	676	-7.38e-002	-2.34	0.29	-23.07	-84.22	-1.31
	674	-7.38e-002	-2.20	-0.10	-22.52	-84.35	2.52
304	662	0.16	-2.92	-0.33	-17.42	-33.56	6.63
	674	0.16	-2.64	-0.25	-27.63	-42.85	7.31
	156	7.66e-002	-2.64	1.36e-002	-26.92	8.47	-3.06
	152	7.66e-002	-2.92	-5.84e-002	-16.10	13.01	-3.74
305	661	0.34	-3.20	-0.65	-23.65	-154.10	15.28
	673	0.34	-2.20	-0.26	12.41	-143.52	4.51
	674	0.16	-2.20	-0.38	-17.29	-87.07	4.51
	662	0.16	-3.20	-0.76	-23.03	-76.50	15.29
306	672	3.04e-002	-1.32	5.63e-002	21.93	25.48	7.92
	654	3.04e-002	-2.20	-7.87e-002	9.11	17.54	8.35

	117	0.30	-2.20	-0.48	10.06	-14.45	0.22
	113	0.30	-1.32	-0.34	22.24	-11.56	-0.21
307	671	-6.20e-003	-1.51	0.20	-13.39	105.41	-1.06
	652	-6.20e-003	-2.75	0.39	7.92	121.25	10.29
	654	3.04e-002	-2.75	0.41	15.21	54.74	16.07
	672	3.04e-002	-1.51	0.21	9.95	62.01	4.73
308	670	-0.21	-1.24	0.17	18.44	26.40	-1.54
	672	-0.21	-1.32	1.08e-002	17.26	26.68	1.77
	113	-2.54e-002	-1.32	-7.40e-003	21.78	-9.07	2.19
	108	-2.54e-002	-1.24	0.15	23.85	-9.35	-1.12
309	669	0.24	-1.38	-2.39e-002	6.90	102.66	-4.24
	671	0.24	-1.51	0.11	12.68	105.09	0.15
	672	-0.21	-1.51	0.17	15.97	58.27	1.73
	670	-0.21	-1.38	2.72e-002	15.44	58.36	-2.65
310	650	-4.54e-003	-1.95	0.20	11.32	18.33	-8.66
	670	-4.54e-003	-1.24	0.10	20.54	25.23	-7.48
	108	0.28	-1.24	0.44	21.56	-11.79	1.13
	104	0.28	-1.95	0.54	13.84	-16.37	-5.33e-002
311	649	9.35e-002	-2.33	-0.29	4.41	112.02	-13.69
	669	9.35e-002	-1.38	-0.10	-7.26	101.59	-3.13
	670	-4.54e-003	-1.38	-4.52e-002	10.56	60.18	-5.66
	650	-4.54e-003	-2.33	-0.24	15.13	53.52	-16.23
312	665	0.60	-3.31	-0.27	19.41	1.23	0.46
	668	0.60	-3.29	-0.19	122.22	26.15	-10.77
	144	0.12	-3.29	-4.81e-002	74.22	3.22	-1.00
	17	0.12	-3.31	-0.14	29.96	16.42	10.23
313	663	-0.70	-4.45	-0.32	-22.33	-266.81	-65.79
	667	-0.70	-2.27	-0.58	74.28	-154.00	-37.62
	668	0.60	-2.27	-0.50	113.84	-40.24	1.52
	665	0.60	-4.45	-0.24	22.61	20.37	-26.64
314	666	0.49	-3.21	0.23	-26.36	-28.22	-7.06
	665	0.49	-3.31	-2.86e-002	3.69	-13.42	1.05
	17	7.89e-002	-3.31	-0.14	17.92	17.38	13.64
	165	7.89e-002	-3.21	0.13	-13.58	17.05	5.54
315	664	-0.66	-3.64	0.86	36.05	-176.17	-2.37
	663	-0.66	-4.45	0.14	-15.52	-264.17	-13.85
	665	0.49	-4.45	8.81e-003	5.43	1.88	-23.99
	666	0.49	-3.64	0.72	-19.36	-72.60	-12.51
316	659	0.41	-2.94	-3.88e-002	-2.58	-15.14	-0.12
	662	0.41	-2.92	-0.19	-26.27	-29.54	8.00
	152	5.42e-002	-2.92	-0.10	-14.06	19.02	-4.79
	148	5.42e-002	-2.94	5.93e-002	12.29	19.96	-12.91
317	657	-0.44	-3.82	-0.17	-17.76	-240.21	16.42
	661	-0.44	-3.20	-0.74	25.40	-164.76	6.69
	662	0.41	-3.20	-0.63	-20.32	-70.83	13.58
	659	0.41	-3.82	-6.15e-002	-1.21	-4.56	23.30
318	660	0.46	-2.82	4.67e-002	95.11	24.38	4.36
	659	0.46	-2.94	0.11	11.24	-2.47	-5.44e-002
	148	9.04e-002	-2.94	9.85e-003	26.03	20.14	-10.38
	76	9.04e-002	-2.82	-5.09e-002	65.59	5.68	-5.96
319	658	-0.50	-1.86	0.55	63.49	-157.20	38.35
	657	-0.50	-3.82	0.23	-27.02	-242.72	59.59
	659	0.46	-3.82	8.47e-002	11.15	13.07	24.08
	660	0.46	-1.86	0.41	89.06	-25.11	2.84
320	653	0.53	-2.84	-0.73	-17.76	-11.74	7.92
	656	0.53	-3.27	-0.47	-122.99	-54.00	19.74
	125	0.35	-3.27	-0.32	-64.21	17.83	12.93
	121	0.35	-2.84	-0.57	-37.15	-16.26	1.11
321	651	-0.65	-3.66	-0.51	25.21	214.48	55.83
	655	-0.65	-2.01	-0.57	-86.37	105.60	31.32

	656	0.53	-2.01	-0.75	-100.58	53.01	7.35
	653	0.53	-3.66	-0.68	-34.10	-23.92	31.86
322	654	0.36	-2.20	-0.34	18.30	14.12	9.35
	653	0.36	-2.84	-0.51	-10.08	2.70	3.81
	121	0.21	-2.84	-0.71	-18.38	-19.61	-5.76
	117	0.21	-2.20	-0.54	8.15	-19.54	-0.22
323	652	-0.67	-2.75	0.48	-20.23	134.37	1.75
	651	-0.67	-3.66	-0.13	-8.68	211.17	11.42
	653	0.36	-3.66	-0.46	-11.31	-10.07	24.70
	654	0.36	-2.75	0.15	11.40	49.02	15.04
324	647	0.28	-2.49	0.43	-3.82	4.86	-4.53
	650	0.28	-1.95	0.38	18.12	15.63	-9.94
	104	0.20	-1.95	0.55	8.86	-21.66	-0.46
	100	0.20	-2.49	0.60	-12.60	-22.26	4.95
325	645	-0.45	-3.05	0.10	-6.11	186.62	-13.65
	649	-0.45	-2.33	-0.36	-9.55	122.98	-5.91
	650	0.28	-2.33	-5.63e-002	12.49	47.05	-15.74
	647	0.28	-3.05	0.40	-4.93	-3.48	-23.48
326	646	0.39	-2.80	0.33	-91.85	-38.29	-11.25
	647	0.39	-2.49	0.54	-12.82	-6.20	-6.44
	100	0.32	-2.49	0.41	-29.49	-21.14	0.26
	88	0.32	-2.80	0.20	-59.16	2.90	-4.55
327	648	-0.46	-1.59	0.54	-74.33	112.26	-31.84
	645	-0.46	-3.05	0.41	28.61	189.67	-49.55
	647	0.39	-3.05	0.52	-19.84	-17.38	-26.77
	646	0.39	-1.59	0.64	-79.01	29.66	-9.06
328	51	-3.69e-002	-0.19	2.26e-002	-1.04	3.67	0.24
	159	-3.69e-002	-0.18	4.83e-003	3.95	10.86	-1.24
	142	6.23e-002	-0.18	-7.06e-002	-4.42	-10.51	-2.57
	53	6.23e-002	-0.19	-5.29e-002	2.35	-1.74	-1.09
329	43	-3.32e-003	-0.35	1.55e-002	-6.99e-002	5.72	-0.92
	154	-3.32e-003	-0.23	-1.43e-003	3.46	8.86	-1.07
	159	-3.69e-002	-0.23	2.23e-002	2.08	2.79	-0.99
	51	-3.69e-002	-0.35	3.92e-002	0.80	5.84	-0.84
330	128	8.52e-003	-0.47	2.97e-002	-0.50	2.67	-1.21
	363	8.52e-003	-0.39	1.05e-002	1.79	5.21	-0.76
	154	-3.32e-003	-0.39	-1.26e-003	1.16	2.14	-1.00
	43	-3.32e-003	-0.47	1.80e-002	1.64	4.97	-1.45
331	50	2.07e-004	-0.56	-2.09e-004	-0.14	5.33	-0.59
	43	2.07e-004	-0.35	7.97e-003	0.40	5.14	-0.63
	51	-2.27e-002	-0.35	7.26e-002	0.70	5.84	0.12
	52	-2.27e-002	-0.56	6.44e-002	-0.54	4.14	0.17
332	362	-7.59e-003	-0.60	3.07e-002	6.84e-002	2.98	-0.80
	128	-7.59e-003	-0.47	3.67e-002	0.58	2.69	-1.02
	43	2.07e-004	-0.47	1.04e-002	0.17	4.91	-0.95
	50	2.07e-004	-0.60	4.44e-003	3.13e-002	4.48	-0.73
333	36	1.35e-003	-0.33	-1.46e-002	-0.36	7.21	-0.59
	41	1.35e-003	-0.54	-5.61e-003	-0.38	6.76	-0.60
	42	-1.44e-002	-0.54	-5.29e-002	-0.94	5.11	-1.86
	37	-1.44e-002	-0.33	-6.19e-002	0.19	7.17	-1.85
334	604	-5.51e-003	-0.46	-3.54e-002	0.39	3.34	1.03
	357	-5.51e-003	-0.56	-3.14e-002	-0.25	3.12	0.56
	41	1.35e-003	-0.56	-1.29e-002	-0.34	5.92	-0.27
	36	1.35e-003	-0.46	-1.69e-002	-0.46	7.34	0.20
335	35	-2.89e-002	-0.18	-1.30e-002	3.30	12.03	-0.26
	37	-2.89e-002	-0.19	-3.66e-002	-1.58	4.37	-1.97
	40	5.19e-002	-0.19	3.63e-002	1.73	-2.80	0.25
	131	5.19e-002	-0.18	5.99e-002	-5.76	-13.10	1.96
336	34	-2.45e-003	-0.19	7.15e-003	3.01	9.35	-0.41
	36	-2.45e-003	-0.33	-1.06e-002	0.26	7.85	-0.81

	37	-2.89e-002	-0.33	-4.55e-002	-0.34	7.26	-0.75
	35	-2.89e-002	-0.19	-2.78e-002	2.29	5.68	-0.36
337	356	3.72e-003	-0.40	2.99e-003	1.36	4.25	0.29
	604	3.72e-003	-0.46	-2.14e-002	-0.82	3.21	1.05
	36	-2.45e-003	-0.46	-1.29e-002	0.34	8.21	0.37
	34	-2.45e-003	-0.40	1.15e-002	2.78	7.97	-0.39
338	31	-3.13e-002	-0.20	1.25e-002	-1.50	3.64	0.90
	35	-3.13e-002	-0.18	-1.59e-002	1.48	8.74	-0.15
	131	0.10	-0.18	-9.19e-002	-5.08	-5.98	-0.68
	33	0.10	-0.20	-6.35e-002	2.47	-2.20e-002	0.37
339	29	-5.61e-002	-0.38	-3.01e-002	-0.39	6.54	-0.76
	34	-5.61e-002	-0.19	-3.07e-002	2.95	8.37	-1.22
	35	-3.13e-002	-0.19	1.01e-002	2.56	6.35	-0.19
	31	-3.13e-002	-0.38	1.08e-002	-1.14	6.51	0.27
340	579	1.05e-003	-0.33	0.17	-0.83	1.58	-1.79
	356	1.05e-003	-0.40	0.13	1.58	5.86	-1.08
	34	-5.61e-002	-0.40	-2.26e-002	1.56	1.70	-0.85
	29	-5.61e-002	-0.33	2.50e-002	0.95	5.59	-1.56
341	30	-5.63e-003	-0.56	-7.00e-004	-0.13	5.58	-0.38
	29	-5.63e-003	-0.38	-1.50e-002	-0.33	5.70	-0.39
	31	-2.23e-002	-0.38	5.01e-002	0.19	6.23	0.58
	32	-2.23e-002	-0.56	6.43e-002	-0.67	4.79	0.58
342	364	3.74e-003	-0.93	-0.20	-0.38	1.71	-1.18
	579	3.74e-003	-0.33	-3.06e-002	0.34	1.44	-1.39
	29	-5.63e-003	-0.33	4.01e-002	-0.47	5.33	-0.95
	30	-5.63e-003	-0.93	-0.13	-0.10	4.35	-0.74
343	23	-5.52e-003	-0.38	1.93e-002	0.24	1.67	7.35e-003
	26	-5.52e-003	-0.56	2.51e-003	-7.82e-002	1.70	4.33e-003
	27	-2.37e-002	-0.56	-6.67e-002	-0.35	1.24	-0.30
	24	-2.37e-002	-0.38	-4.99e-002	0.50	1.77	-0.30
344	516	-1.20e-002	-0.32	3.28e-002	0.44	-1.24	0.28
	365	-1.20e-002	-0.95	0.22	0.14	-0.54	9.01e-002
	26	-5.52e-003	-0.95	0.14	-4.24e-002	0.82	0.12
	23	-5.52e-003	-0.32	-3.81e-002	0.17	1.47	0.30
345	22	-3.30e-002	-0.18	1.53e-002	-0.20	-2.14	0.23
	24	-3.30e-002	-0.20	-6.44e-003	0.90	-0.52	-0.97
	25	0.10	-0.20	6.40e-002	0.47	-1.94	1.39
	138	0.10	-0.18	8.58e-002	-2.73	-4.13	2.59
346	21	-6.24e-002	-0.22	2.32e-002	2.74	2.66	1.33
	23	-6.24e-002	-0.38	2.73e-002	0.52	2.38	0.69
	24	-3.30e-002	-0.38	-4.44e-003	-1.15	2.09	-0.83
	22	-3.30e-002	-0.22	-8.49e-003	2.83	4.27	-0.19
347	361	-4.38e-003	-0.38	-0.14	2.23	6.31	0.18
	516	-4.38e-003	-0.32	-0.18	-1.36	-1.05	1.19
	23	-6.24e-002	-0.32	-3.02e-002	2.50	1.39	1.18
	21	-6.24e-002	-0.38	1.40e-002	0.86	-5.95	0.16
348	18	1.18e-002	-0.28	-3.74e-003	-0.98	2.10	1.26
	22	1.18e-002	-0.18	-2.47e-003	0.39	9.17	2.39
	138	-6.73e-003	-0.18	5.44e-002	-2.07	-9.80	1.12
	20	-6.73e-003	-0.28	5.31e-002	3.25	0.48	-2.27e-003
349	15	1.09e-002	-0.29	-2.03e-002	-1.83	5.88	0.43
	21	1.09e-002	-0.22	-6.93e-003	1.92	7.07	0.40
	22	1.18e-002	-0.22	1.25e-003	1.43	5.68	1.42
	18	1.18e-002	-0.29	-1.22e-002	-1.37	4.29	1.45
350	491	-2.05e-003	-0.39	-1.38e-002	-0.81	3.80	-1.45
	361	-2.05e-003	-0.38	-3.01e-002	1.00	3.30	-1.62
	21	1.09e-002	-0.38	-2.67e-002	2.07	9.70	-0.24
	15	1.09e-002	-0.39	-1.05e-002	-2.14	5.70	-7.47e-002
351	19	1.16e-002	-6.94e-002	-3.69e-003	-0.12	2.62	0.76
	18	1.16e-002	-0.28	4.37e-003	2.34e-003	2.45	1.24

	20	-1.72e-003	-0.28	-8.13e-002	0.57	0.86	1.26
	137	-1.72e-003	-6.94e-002	-8.94e-002	5.62e-002	0.63	0.79
352	16	9.72e-003	-0.26	-1.08e-002	-0.21	3.90	-0.12
	15	9.72e-003	-0.29	-1.94e-002	-0.82	4.97	0.38
	18	1.16e-002	-0.29	-4.04e-003	0.15	4.08	1.17
	19	1.16e-002	-0.26	4.54e-003	-0.40	3.15	0.67
353	360	-3.21e-004	-0.38	1.01e-002	-0.34	2.39	-1.01
	491	-3.21e-004	-0.39	1.24e-003	-0.27	3.38	-1.34
	15	9.72e-003	-0.39	-9.51e-003	-0.89	4.83	-0.52
	16	9.72e-003	-0.38	-6.68e-004	-0.25	3.72	-0.18
354	9	9.22e-003	-0.29	-9.78e-003	0.10	1.16	-0.79
	13	9.22e-003	-6.47e-002	3.65e-003	-8.24e-003	1.32	-0.52
	135	9.51e-004	-6.47e-002	9.01e-002	9.05e-002	0.27	-0.39
	10	9.51e-004	-0.29	7.67e-002	0.43	8.44e-002	-0.66
355	8	6.10e-003	-0.30	2.04e-002	-0.25	2.52	-0.40
	12	6.10e-003	-0.25	1.27e-002	-5.32e-002	2.21	-0.19
	13	9.22e-003	-0.25	-5.20e-003	-0.17	1.66	-0.52
	9	9.22e-003	-0.30	2.52e-003	0.22	2.19	-0.74
356	454	-8.78e-005	-0.39	8.56e-003	-6.85e-003	2.10	0.21
	359	-8.78e-005	-0.38	-8.76e-003	-0.11	1.89	7.43e-002
	12	6.10e-003	-0.38	5.23e-005	-3.45e-002	2.17	-0.17
	8	6.10e-003	-0.39	1.74e-002	-0.29	2.58	-3.78e-002
357	7	9.33e-003	-0.19	1.26e-002	0.52	7.50	-1.68
	9	9.33e-003	-0.29	4.03e-003	-0.81	0.84	-0.54
	10	-2.52e-003	-0.29	-5.77e-002	2.53	-0.10	0.20
	134	-2.52e-003	-0.19	-4.91e-002	-1.04	-8.64	-0.94
358	6	8.07e-003	-0.28	3.51e-003	0.92	4.70	-0.24
	8	8.07e-003	-0.30	1.65e-002	-0.87	3.06	-0.16
	9	9.33e-003	-0.30	1.63e-002	-0.79	2.26	-0.80
	7	9.33e-003	-0.28	3.33e-003	0.95	2.25	-0.88
359	358	-1.65e-003	-0.40	1.68e-002	0.22	2.18	0.25
	454	-1.65e-003	-0.39	1.54e-002	-0.11	2.17	0.23
	8	8.07e-003	-0.39	1.35e-002	-0.57	2.77	4.53e-002
	6	8.07e-003	-0.40	1.49e-002	0.66	3.24	6.19e-002
360	2	-3.70e-002	-0.20	3.42e-002	0.48	-1.43	9.03e-002
	7	-3.70e-002	-0.19	-3.75e-003	0.22	-0.77	-0.29
	134	6.05e-002	-0.19	-6.78e-002	-1.77	-6.40	-2.83
	5	6.05e-002	-0.20	-2.98e-002	1.53	-1.62	-2.45
361	167	-4.46e-003	-0.36	3.42e-002	0.42	0.83	-0.74
	6	-4.46e-003	-0.28	6.75e-003	1.21	0.57	-0.95
	7	-3.70e-002	-0.28	1.49e-002	2.21	2.49	-0.10
	2	-3.70e-002	-0.36	4.23e-002	-1.09	0.86	0.10
362	429	3.71e-003	-0.47	4.32e-002	-0.51	-0.91	-0.85
	358	3.71e-003	-0.40	2.11e-002	0.87	2.71	-0.35
	6	-4.46e-003	-0.40	1.11e-002	0.11	-3.66	-0.44
	167	-4.46e-003	-0.47	3.32e-002	1.49	0.10	-0.94
363	168	-3.30e-003	-0.50	-2.31e-003	-3.27e-002	0.56	-0.47
	167	-3.30e-003	-0.36	1.92e-002	0.27	0.41	-0.40
	2	-1.88e-002	-0.36	8.26e-002	0.70	0.66	-0.29
	3	-1.88e-002	-0.50	6.11e-002	-0.32	0.30	-0.35
364	367	-5.73e-003	-0.53	2.14e-002	0.14	-0.27	-0.26
	429	-5.73e-003	-0.47	3.88e-002	0.22	-0.90	-0.34
	167	-3.30e-003	-0.47	1.82e-002	0.12	0.21	-0.56
	168	-3.30e-003	-0.53	8.32e-004	6.26e-002	-8.00e-003	-0.48
365	151	-1.02e-003	-0.36	-1.63e-002	5.57e-002	5.78	-0.23
	163	-1.02e-003	-0.55	5.34e-003	-0.16	5.69	-0.15
	164	-2.40e-002	-0.55	-6.88e-002	-0.39	4.45	-0.96
	155	-2.40e-002	-0.36	-9.04e-002	0.46	5.90	-1.04
366	392	-8.18e-003	-0.48	-4.71e-002	0.45	3.53	0.37
	366	-8.18e-003	-0.57	-2.66e-002	4.80e-003	3.78	0.10

	163	-1.02e-003	-0.57	1.97e-003	3.63e-002	4.94	-4.73e-002
	151	-1.02e-003	-0.48	-1.85e-002	-0.15	5.48	0.23
367	159	-4.07e-002	-0.18	1.85e-003	2.49	9.56	-0.82
	155	-4.07e-002	-0.19	-3.29e-002	-1.30	3.44	-1.33
	160	6.38e-002	-0.19	4.52e-002	3.40	0.17	-0.91
	142	6.38e-002	-0.18	7.99e-002	-3.47	-6.62	-0.40
368	154	-3.55e-003	-0.23	4.87e-003	2.41	7.58	1.19e-002
	151	-3.55e-003	-0.36	-2.71e-002	-3.75e-002	6.38	-6.19e-002
	155	-4.07e-002	-0.36	-4.82e-002	-0.68	6.19	-0.69
	159	-4.07e-002	-0.23	-1.63e-002	2.87	6.00	-0.61
369	363	6.92e-003	-0.39	-1.15e-002	1.12	5.03	5.41e-002
	392	6.92e-003	-0.48	-4.24e-002	1.94e-004	3.40	0.49
	151	-3.55e-003	-0.48	-2.93e-002	0.75	5.76	0.50
	154	-3.55e-003	-0.39	1.60e-003	1.45	4.13	5.49e-002
373	126	4.95e-003	-0.60	3.18e-003	-0.24	-0.20	-0.63
	391	4.95e-003	-0.57	2.97e-003	8.13e-002	0.96	-0.45
	363	8.52e-003	-0.57	1.24e-002	-0.27	-0.29	-0.88
	128	8.52e-003	-0.60	1.26e-002	0.85	1.28	-1.06
374	123	-2.51e-003	-0.73	-4.71e-004	-0.37	-0.39	-0.40
	389	-2.51e-003	-0.73	3.43e-003	0.41	0.62	-0.53
	391	4.95e-003	-0.73	2.22e-003	-0.80	-1.74	-0.55
	126	4.95e-003	-0.73	-1.69e-003	0.29	-0.70	-0.42
375	119	8.19e-005	-0.86	1.78e-003	-0.45	-0.73	-0.48
	387	8.19e-005	-0.86	2.62e-003	0.53	0.31	-0.55
	389	-2.51e-003	-0.86	3.62e-003	-0.57	-2.08	-0.51
	123	-2.51e-003	-0.86	2.78e-003	0.32	-1.09	-0.43
376	115	5.75e-003	-0.98	2.72e-003	-0.44	-1.70	-0.47
	385	5.75e-003	-1.00	5.48e-003	0.11	-0.91	-0.46
	387	8.19e-005	-1.00	3.50e-003	-0.61	-2.50	-0.54
	119	8.19e-005	-0.98	7.38e-004	0.31	-1.64	-0.55
377	111	-1.14e-005	-1.11	-8.28e-003	-0.26	-2.11	-0.27
	383	-1.14e-005	-1.14	3.44e-003	-8.90e-002	-1.69	-0.32
	385	5.75e-003	-1.14	6.28e-003	-0.68	-2.83	-0.48
	115	5.75e-003	-1.11	-5.44e-003	0.10	-2.27	-0.42
378	106	-5.81e-003	-1.23	-4.07e-003	-0.35	-1.55	-0.27
	381	-5.81e-003	-1.26	7.93e-003	0.34	-0.97	-0.38
	383	-1.14e-005	-1.26	3.80e-003	-0.37	-2.58	-0.31
	111	-1.14e-005	-1.23	-8.20e-003	-0.10	-2.07	-0.20
379	102	3.10e-005	-1.36	1.52e-003	-0.46	-1.69	-0.36
	379	3.10e-005	-1.39	4.66e-003	0.33	-0.81	-0.40
	381	-5.81e-003	-1.39	7.51e-003	-0.44	-2.91	-0.33
	106	-5.81e-003	-1.36	4.37e-003	0.14	-2.09	-0.29
380	98	5.53e-003	-1.48	4.11e-003	-0.57	-2.58	-0.42
	377	5.53e-003	-1.52	7.23e-003	-0.32	-2.03	-0.34
	379	3.10e-005	-1.52	4.71e-003	-0.66	-3.01	-0.40
	102	3.10e-005	-1.48	1.59e-003	0.10	-2.41	-0.47
381	61	1.06e-003	-1.60	-4.04e-003	-0.38	-2.64	-7.68e-002
	375	1.06e-003	-1.65	8.46e-003	-0.74	-2.60	-9.27e-002
	377	5.53e-003	-1.65	8.97e-003	-1.01	-3.28	-0.35
	98	5.53e-003	-1.60	-3.53e-003	-0.18	-2.99	-0.34
382	621	-4.50e-003	-1.71	-1.27e-004	-2.32e-002	0.24	0.46
	373	-4.50e-003	-1.74	1.51e-002	5.54e-002	0.37	0.14
	375	1.06e-003	-1.74	1.06e-002	-0.93	-2.58	-6.23e-002
	61	1.06e-003	-1.71	-4.64e-003	-0.39	-2.26	0.26
383	619	-4.64e-004	-1.81	7.78e-003	0.64	3.80	0.77
	371	-4.64e-004	-1.81	1.74e-002	1.24	4.04	0.31
	373	-4.50e-003	-1.81	1.61e-002	-0.12	0.50	0.19
	621	-4.50e-003	-1.81	6.48e-003	4.25e-002	0.86	0.65
384	617	5.76e-003	-1.90	2.04e-003	3.60e-002	9.60	0.17
	369	5.76e-003	-1.86	1.12e-002	4.55	12.73	-0.58

	371	-4.64e-004	-1.86	1.52e-002	0.77	2.73	0.35
	619	-4.64e-004	-1.90	6.06e-003	0.64	4.98	1.10
385	355	3.23e-003	-2.04	-4.31e-002	-3.23	4.30	-3.12
	289	3.23e-003	-2.00	-3.27e-002	5.55	10.55	-2.86
	369	5.76e-003	-2.00	-4.14e-004	1.65	3.85	-0.71
	617	5.76e-003	-2.04	-1.08e-002	1.76	8.07	-0.97
386	127	1.58e-002	-0.63	3.46e-002	0.32	-4.47e-002	-0.45
	126	1.58e-002	-0.60	4.86e-006	0.24	-0.19	-0.49
	128	-7.59e-003	-0.60	1.95e-002	0.29	1.52	-0.80
	362	-7.59e-003	-0.63	5.41e-002	0.16	1.85	-0.76
387	124	-4.18e-004	-0.76	2.84e-002	4.34e-002	-0.76	-0.37
	123	-4.18e-004	-0.73	1.52e-003	5.03e-002	-0.59	-0.26
	126	1.58e-002	-0.73	-4.87e-003	0.22	-0.47	-0.32
	127	1.58e-002	-0.76	2.21e-002	0.16	-0.20	-0.44
388	120	-1.87e-004	-0.85	1.83e-002	-6.25e-002	-1.22	-0.38
	119	-1.87e-004	-0.86	8.32e-004	-6.04e-003	-0.91	-0.36
	123	-4.18e-004	-0.86	4.77e-003	-2.49e-002	-0.95	-0.30
	124	-4.18e-004	-0.85	2.23e-002	1.32e-002	-0.72	-0.33
389	116	-2.67e-003	-0.96	2.29e-002	-6.34e-002	-1.89	-0.39
	115	-2.67e-003	-0.98	3.91e-003	-3.55e-002	-1.76	-0.40
	119	-1.87e-004	-0.98	-2.10e-004	-0.13	-1.54	-0.40
	120	-1.87e-004	-0.96	1.87e-002	1.51e-002	-1.40	-0.40
390	112	-3.95e-004	-1.05	2.95e-002	-0.20	-1.97	-0.27
	111	-3.95e-004	-1.11	-1.24e-002	-0.18	-2.14	-0.18
	115	-2.67e-003	-1.11	-4.24e-003	-0.15	-2.13	-0.33
	116	-2.67e-003	-1.05	3.76e-002	-1.04e-002	-2.06	-0.42
391	107	2.81e-003	-1.21	3.77e-002	-6.14e-002	-1.91	-0.10
	106	2.81e-003	-1.23	-4.23e-003	-0.13	-1.66	-0.17
	111	-3.95e-004	-1.23	-1.23e-002	-0.12	-1.99	-0.17
	112	-3.95e-004	-1.21	2.96e-002	-0.26	-1.75	-9.06e-002
392	103	2.16e-005	-1.31	1.81e-002	-8.82e-002	-2.18	-0.31
	102	2.16e-005	-1.36	3.23e-005	-0.12	-1.85	-0.29
	106	2.81e-003	-1.36	4.20e-003	-0.14	-2.00	-0.17
	107	2.81e-003	-1.31	2.23e-002	-1.67e-002	-1.86	-0.19
393	99	-2.84e-003	-1.41	2.21e-002	-0.11	-2.66	-0.38
	98	-2.84e-003	-1.48	4.07e-003	-0.12	-2.61	-0.39
	102	2.16e-005	-1.48	1.10e-004	-0.23	-2.36	-0.36
	103	2.16e-005	-1.41	1.81e-002	-8.16e-003	-2.35	-0.36
394	62	1.35e-003	-1.51	2.73e-002	-0.34	-1.99	-7.57e-002
	61	1.35e-003	-1.60	-1.16e-002	-0.18	-2.54	2.93e-002
	98	-2.84e-003	-1.60	-3.58e-003	-0.27	-2.87	-0.31
	99	-2.84e-003	-1.51	3.52e-002	1.09e-002	-2.88	-0.41
395	622	1.66e-003	-1.68	3.08e-002	-0.10	0.21	0.70
	621	1.66e-003	-1.71	-6.05e-003	3.45e-002	0.25	0.58
	61	1.35e-003	-1.71	-1.22e-002	-0.10	-2.07	0.20
	62	1.35e-003	-1.68	2.47e-002	-0.25	-1.43	0.32
396	620	-7.32e-005	-1.81	1.26e-002	0.24	3.97	0.97
	619	-7.32e-005	-1.81	-4.88e-003	0.10	3.72	0.95
	621	1.66e-003	-1.81	5.58e-004	0.23	1.05	0.72
	622	1.66e-003	-1.81	1.80e-002	5.76e-002	1.17	0.74
397	618	-4.42e-003	-1.94	2.25e-002	-4.59e-002	6.63	4.55e-002
	617	-4.42e-003	-1.90	1.16e-003	-0.48	8.48	0.43
	619	-7.32e-005	-1.90	-6.60e-003	0.50	5.44	1.24
	620	-7.32e-005	-1.94	1.47e-002	-6.91e-002	6.00	0.86
398	288	2.21e-002	-2.03	4.66e-002	-1.71	0.58	-2.59
	355	2.21e-002	-2.04	-1.89e-002	-0.22	2.89	-2.28
	617	-4.42e-003	-2.04	-1.17e-002	-0.53	7.95	-0.45
	618	-4.42e-003	-2.03	5.38e-002	-0.60	7.37	-0.77
399	603	1.46e-002	-0.61	-1.38e-002	1.47e-002	-4.61	0.34
	616	1.46e-002	-0.58	-3.06e-002	0.13	-3.58	0.20

	357	-5.51e-003	-0.58	-4.18e-002	7.20e-002	0.39	0.74
	604	-5.51e-003	-0.61	-2.50e-002	-0.29	0.55	0.89
400	602	-3.05e-003	-0.75	-2.40e-003	-0.41	-4.61	-0.85
	615	-3.05e-003	-0.68	-8.00e-003	5.16e-002	-5.08	-0.74
	616	1.46e-002	-0.68	-1.42e-002	5.65e-002	-4.45	-0.22
	603	1.46e-002	-0.75	-8.62e-003	-0.15	-5.75	-0.33
401	601	5.49e-004	-0.84	-1.58e-003	-0.30	-1.41	-0.73
	614	5.49e-004	-0.81	-1.53e-002	-0.21	-2.33	-0.65
	615	-3.05e-003	-0.81	-1.28e-002	-2.64e-002	-3.77	-0.83
	602	-3.05e-003	-0.84	9.04e-004	-0.28	-4.41	-0.91
402	600	1.91e-004	-0.93	-1.16e-003	2.60e-002	-0.13	-0.22
	613	1.91e-004	-0.94	-1.67e-002	-0.15	-0.64	-0.29
	614	5.49e-004	-0.94	-1.66e-002	7.96e-003	-1.52	-0.55
	601	5.49e-004	-0.93	-1.14e-003	-0.32	-1.61	-0.47
403	599	-2.95e-004	-1.04	-2.35e-003	0.22	-2.68e-002	-1.58e-002
	612	-2.95e-004	-1.07	-2.02e-002	0.14	-0.54	-0.13
	613	1.91e-004	-1.07	-1.85e-002	0.12	-0.48	-0.26
	600	1.91e-004	-1.04	-6.62e-004	-5.45e-002	-0.79	-0.14
404	598	1.28e-004	-1.15	-1.27e-003	0.18	-0.17	1.40e-002
	611	1.28e-004	-1.19	-2.00e-002	-1.38e-002	-0.41	0.11
	612	-2.95e-004	-1.19	-2.10e-002	0.29	-0.45	5.34e-002
	599	-2.95e-004	-1.15	-2.29e-003	0.12	-0.60	-4.11e-002
405	597	-4.91e-006	-1.27	-2.02e-003	8.31e-002	-0.27	6.60e-003
	610	-4.91e-006	-1.30	-1.93e-002	-3.70e-002	-0.58	3.74e-002
	611	1.28e-004	-1.30	-1.91e-002	8.24e-002	-0.36	5.78e-002
	598	1.28e-004	-1.27	-1.88e-003	4.12e-002	-0.70	2.70e-002
406	596	-6.66e-004	-1.38	-2.14e-003	3.33e-002	-0.44	2.34e-002
	609	-6.66e-004	-1.41	-1.96e-002	-8.97e-003	-0.77	2.90e-002
	610	-4.91e-006	-1.41	-1.93e-002	5.28e-002	-0.51	2.04e-002
	597	-4.91e-006	-1.38	-1.80e-003	-1.44e-002	-0.84	1.48e-002
407	595	1.72e-003	-1.50	2.25e-004	0.11	-0.53	0.25
	608	1.72e-003	-1.52	-2.33e-002	0.31	-1.18	0.12
	609	-6.66e-004	-1.52	-2.37e-002	9.23e-002	-0.68	-4.62e-002
	596	-6.66e-004	-1.50	-1.37e-004	-4.72e-004	-1.06	8.25e-002
408	594	3.16e-004	-1.62	7.10e-004	-6.00e-004	-0.64	0.45
	607	3.16e-004	-1.65	-2.17e-002	-9.17e-003	-0.92	0.62
	608	1.72e-003	-1.65	-2.18e-002	0.40	-1.08	0.42
	595	1.72e-003	-1.62	6.33e-004	1.80e-002	-1.04	0.25
409	593	-6.79e-005	-1.74	-1.98e-004	-0.15	-0.61	0.64
	606	-6.79e-005	-1.76	-1.90e-002	-6.25e-002	-1.02	0.69
	607	3.16e-004	-1.76	-1.97e-002	5.78e-002	-0.83	0.57
	594	3.16e-004	-1.74	-8.68e-004	-0.15	-1.06	0.53
410	592	-3.37e-003	-1.86	-1.14e-003	-0.23	-0.87	0.88
	605	-3.37e-003	-1.87	-2.14e-002	-1.41e-003	-1.32	0.88
	606	-6.79e-005	-1.87	-1.94e-002	8.57e-003	-0.96	0.71
	593	-6.79e-005	-1.86	8.50e-004	-0.24	-1.14	0.71
411	348	2.06e-002	-1.99	8.68e-003	-6.51e-002	-1.13	1.55
	283	2.06e-002	-1.98	-3.04e-002	0.76	-2.19	1.24
	605	-3.37e-003	-1.98	-3.46e-002	0.10	-1.29	0.75
	592	-3.37e-003	-1.99	4.45e-003	-0.19	-1.59	1.07
412	591	6.41e-003	-0.64	2.54e-003	-1.77	-4.04	-7.29e-002
	603	6.41e-003	-0.61	-9.25e-003	-1.32	-4.99	0.67
	604	3.72e-003	-0.61	-1.10e-002	0.74	0.55	1.06
	356	3.72e-003	-0.64	7.75e-004	-0.68	-0.76	0.32
413	590	3.34e-003	-0.82	-1.71e-002	-0.86	-2.50	-0.16
	602	3.34e-003	-0.75	-1.78e-002	-1.20	-4.34	-0.53
	603	6.41e-003	-0.75	-4.08e-003	-0.30	-6.36	-0.30
	591	6.41e-003	-0.82	-3.35e-003	-3.29	-8.41	5.88e-002
414	589	-6.62e-005	-0.85	-1.66e-002	0.90	1.06	0.17
	601	-6.62e-005	-0.84	-9.93e-003	-0.84	-0.90	-0.47

	602	3.34e-003	-0.84	-1.45e-002	-0.29	-4.81	-0.69
	590	3.34e-003	-0.85	-2.12e-002	-2.37	-6.56	-5.29e-002
415	588	-9.21e-005	-0.92	-1.32e-002	1.31	1.87	0.34
	600	-9.21e-005	-0.93	-7.00e-003	-0.52	0.16	2.94e-002
	601	-6.62e-005	-0.93	-9.49e-003	0.43	-1.76	-0.15
	589	-6.62e-005	-0.92	-1.56e-002	-0.96	-3.30	0.17
416	587	-4.40e-004	-1.01	-8.87e-003	1.26	1.86	0.36
	599	-4.40e-004	-1.04	-4.30e-003	-0.35	0.20	0.18
	600	-9.21e-005	-1.04	-6.50e-003	0.77	-0.97	0.16
	588	-9.21e-005	-1.01	-1.11e-002	-0.62	-2.60	0.34
417	586	-7.58e-004	-1.13	-7.83e-003	1.13	1.73	0.35
	598	-7.58e-004	-1.15	-4.25e-003	-0.41	8.23e-002	0.22
	599	-4.40e-004	-1.15	-4.24e-003	0.78	-0.83	0.22
	587	-4.40e-004	-1.13	-7.83e-003	-0.59	-2.47	0.34
418	585	-3.83e-005	-1.24	-6.84e-003	0.95	1.62	0.35
	597	-3.83e-005	-1.27	-4.26e-003	-0.50	-3.24e-002	0.23
	598	-7.58e-004	-1.27	-4.86e-003	0.69	-0.94	0.23
	586	-7.58e-004	-1.24	-7.44e-003	-0.74	-2.59	0.34
419	584	1.57e-003	-1.37	-7.34e-003	0.80	1.50	0.41
	596	1.57e-003	-1.38	-4.50e-003	-0.52	-0.19	0.27
	597	-3.83e-005	-1.38	-4.04e-003	0.59	-1.07	0.23
	585	-3.83e-005	-1.37	-6.87e-003	-0.89	-2.72	0.36
420	583	5.23e-004	-1.49	-5.55e-003	0.73	1.35	0.57
	595	5.23e-004	-1.50	-8.99e-004	-0.49	-0.28	0.42
	596	1.57e-003	-1.50	-2.50e-003	0.56	-1.24	0.32
	584	1.57e-003	-1.49	-7.15e-003	-0.96	-2.78	0.47
421	582	-9.24e-004	-1.61	-6.02e-003	0.68	1.26	0.76
	594	-9.24e-004	-1.62	-1.21e-003	-0.58	-0.34	0.64
	595	5.23e-004	-1.62	-4.91e-004	0.55	-1.25	0.50
	583	5.23e-004	-1.61	-5.30e-003	-0.98	-2.72	0.63
422	581	2.88e-004	-1.73	-4.95e-003	0.53	1.29	0.96
	593	2.88e-004	-1.74	-1.79e-003	-0.69	-0.34	0.85
	594	-9.24e-004	-1.74	-2.79e-003	0.44	-1.26	0.71
	582	-9.24e-004	-1.73	-5.95e-003	-1.07	-2.76	0.82
423	580	4.58e-003	-1.86	-8.56e-003	0.19	1.15	1.22
	592	4.58e-003	-1.86	-3.52e-003	-0.70	-0.59	1.12
	593	2.88e-004	-1.86	-7.44e-004	0.32	-1.33	0.91
	581	2.88e-004	-1.86	-5.78e-003	-1.24	-2.87	1.01
424	282	5.15e-003	-1.98	-1.69e-004	-0.26	0.50	1.68
	348	5.15e-003	-1.99	9.62e-003	-0.50	-0.90	1.58
	592	4.58e-003	-1.99	2.07e-003	0.24	-1.64	1.30
	580	4.58e-003	-1.98	-7.73e-003	-1.42	-2.77	1.40
425	578	6.37e-002	-0.79	-3.01e-003	-1.03	-2.64	-1.21
	591	6.37e-002	-0.64	-4.01e-002	-1.39	-0.62	-0.47
	356	1.05e-003	-0.64	0.13	-0.82	-2.56	-1.11
	579	1.05e-003	-0.79	0.16	0.69	0.28	-1.84
426	577	-3.58e-004	-0.69	-5.31e-002	-0.16	-2.57	0.25
	590	-3.58e-004	-0.82	-3.49e-002	-2.17	-3.76	8.78e-002
	591	6.37e-002	-0.82	-5.32e-002	-2.35	-3.02	-0.88
	578	6.37e-002	-0.69	-7.14e-002	-0.49	-2.96	-0.72
427	576	-1.10e-002	-0.78	-5.48e-002	0.17	-0.17	0.47
	589	-1.10e-002	-0.85	-3.19e-002	-0.80	-2.41	7.83e-002
	590	-3.58e-004	-0.85	-3.72e-002	-0.47	0.59	7.93e-002
	577	-3.58e-004	-0.78	-6.00e-002	-1.39	-1.65	0.47
428	575	-7.39e-003	-0.88	-3.06e-002	0.28	0.87	0.18
	588	-7.39e-003	-0.92	-1.79e-002	-0.12	-0.75	6.93e-002
	589	-1.10e-002	-0.92	-2.85e-002	0.53	1.93	0.24
	576	-1.10e-002	-0.88	-4.11e-002	-0.70	9.03e-002	0.35
429	574	-3.54e-003	-9.95e-001	-1.56e-002	0.19	1.32	8.30e-004
	587	-3.54e-003	-1.01	-1.27e-002	8.91e-002	0.45	1.21e-002

	588	-7.39e-003	-1.01	-1.70e-002	0.56	1.97	0.13
	575	-7.39e-003	-9.95e-001	-1.98e-002	-0.25	0.94	0.12
430	573	-1.48e-003	-1.11	-7.62e-003	6.34e-002	1.42	-9.39e-002
	586	-1.48e-003	-1.13	-1.02e-002	8.35e-002	0.96	-5.15e-002
	587	-3.54e-003	-1.13	-1.23e-002	0.40	1.88	1.45e-002
	574	-3.54e-003	-1.11	-9.73e-003	-0.12	1.34	-2.79e-002
431	572	-6.08e-004	-1.23	-4.36e-003	-3.55e-002	1.26	-0.11
	585	-6.08e-004	-1.24	-9.58e-003	-1.04e-002	0.97	-6.02e-002
	586	-1.48e-003	-1.24	-1.03e-002	0.21	1.68	-5.67e-002
	573	-1.48e-003	-1.23	-5.05e-003	-0.10	1.38	-0.11
432	571	-4.07e-004	-1.35	-2.79e-003	-7.36e-002	9.97e-001	-1.34e-002
	584	-4.07e-004	-1.37	-9.13e-003	-0.11	0.68	2.31e-002
	585	-6.08e-004	-1.37	-9.59e-003	4.87e-002	1.40	-5.75e-002
	572	-6.08e-004	-1.35	-3.26e-003	-0.12	1.18	-9.40e-002
433	570	-3.37e-004	-1.47	-1.86e-003	-0.10	0.86	0.18
	583	-3.37e-004	-1.49	-8.49e-003	-0.19	0.51	0.21
	584	-4.07e-004	-1.49	-8.95e-003	-3.35e-002	1.11	7.40e-002
	571	-4.07e-004	-1.47	-2.32e-003	-0.17	0.94	4.57e-002
434	569	-4.70e-004	-1.59	-1.31e-003	-0.24	0.87	0.32
	582	-4.70e-004	-1.61	-8.07e-003	-0.20	0.61	0.36
	583	-3.37e-004	-1.61	-8.26e-003	-4.84e-002	1.06	0.28
	570	-3.37e-004	-1.59	-1.50e-003	-0.27	0.91	0.23
435	568	-8.65e-004	-1.71	-4.49e-004	-0.42	0.69	0.46
	581	-8.65e-004	-1.73	-7.97e-003	-0.31	0.48	0.53
	582	-4.70e-004	-1.73	-8.20e-003	-0.17	0.91	0.42
	569	-4.70e-004	-1.71	-6.75e-004	-0.34	0.85	0.34
436	567	-1.64e-003	-1.83	1.70e-003	-0.57	0.23	0.71
	580	-1.64e-003	-1.86	-7.03e-003	-0.53	-0.17	0.80
	581	-8.65e-004	-1.86	-7.96e-003	-0.32	0.80	0.59
	568	-8.65e-004	-1.83	7.69e-004	-0.50	0.67	0.50
437	343	-1.90e-003	-1.95	6.25e-003	-0.60	-1.88e-002	1.35
	282	-1.90e-003	-1.98	-2.92e-003	-0.80	-0.45	1.42
	580	-1.64e-003	-1.98	-5.81e-003	-0.64	-2.46e-002	0.98
	567	-1.64e-003	-1.95	3.37e-003	-0.54	0.11	0.92
438	566	4.00e-002	-0.47	-0.20	2.21e-002	-1.64	-1.04
	578	4.00e-002	-0.79	-7.37e-003	-0.15	-2.45	-1.02
	579	3.74e-003	-0.79	-4.08e-002	0.21	0.44	-1.28
	364	3.74e-003	-0.47	-0.23	-0.27	-4.61e-002	-1.29
439	565	-2.14e-002	-0.57	-0.10	0.16	-2.01	-0.12
	577	-2.14e-002	-0.69	-6.31e-002	-0.46	-2.25	-5.67e-002
	578	4.00e-002	-0.69	-7.58e-002	-0.29	-2.59	-0.63
	566	4.00e-002	-0.57	-0.12	0.19	-2.08	-0.70
440	564	-2.27e-002	-0.70	-5.28e-002	-0.23	-0.37	0.14
	576	-2.27e-002	-0.78	-5.60e-002	-0.26	-0.10	0.16
	577	-2.14e-002	-0.78	-7.01e-002	-0.24	-1.70	0.13
	565	-2.14e-002	-0.70	-6.68e-002	-0.19	-1.41	0.11
441	563	-1.40e-002	-0.84	-2.74e-002	-0.33	0.74	1.61e-002
	575	-1.40e-002	-0.88	-3.14e-002	-0.10	0.95	-3.15e-002
	576	-2.27e-002	-0.88	-4.23e-002	-0.32	-0.12	6.65e-002
	564	-2.27e-002	-0.84	-3.83e-002	-0.26	-3.31e-002	0.11
442	562	-6.89e-003	-0.97	-1.47e-002	-0.29	1.24	-9.16e-002
	574	-6.89e-003	-9.95e-001	-1.54e-002	-6.46e-002	1.37	-0.12
	575	-1.40e-002	-9.95e-001	-2.07e-002	-0.19	0.80	-7.24e-002
	563	-1.40e-002	-0.97	-1.99e-002	-0.24	0.88	-4.71e-002
443	561	-2.87e-003	-1.09	-7.69e-003	-0.25	1.38	-0.15
	573	-2.87e-003	-1.11	-6.79e-003	-7.26e-002	1.45	-0.16
	574	-6.89e-003	-1.11	-9.54e-003	-0.12	1.25	-0.14
	562	-6.89e-003	-1.09	-1.04e-002	-0.23	1.30	-0.13
444	560	-1.17e-003	-1.22	-4.75e-003	-0.22	1.29	-0.15
	572	-1.17e-003	-1.23	-3.19e-003	-8.25e-002	1.30	-0.15

	573	-2.87e-003	-1.23	-4.22e-003	-0.12	1.33	-0.17
	561	-2.87e-003	-1.22	-5.77e-003	-0.20	1.37	-0.17
445	559	-7.59e-004	-1.34	-3.50e-003	-0.20	1.10	-6.10e-002
	571	-7.59e-004	-1.35	-1.65e-003	-0.10	1.06	-5.92e-002
	572	-1.17e-003	-1.35	-2.09e-003	-0.13	1.16	-0.14
	560	-1.17e-003	-1.34	-3.94e-003	-0.16	1.22	-0.14
446	558	-6.89e-004	-1.46	-2.99e-003	-0.22	0.97	8.99e-002
	570	-6.89e-004	-1.47	-9.75e-004	-0.17	0.92	0.12
	571	-7.59e-004	-1.47	-1.18e-003	-0.14	0.95	3.10e-003
	559	-7.59e-004	-1.46	-3.19e-003	-0.17	1.05	-2.47e-002
447	557	-7.16e-004	-1.57	-2.38e-003	-0.34	0.93	0.21
	569	-7.16e-004	-1.59	-2.96e-004	-0.27	0.90	0.26
	570	-6.89e-004	-1.59	-6.22e-004	-0.19	0.91	0.18
	558	-6.89e-004	-1.57	-2.71e-003	-0.26	9.98e-001	0.13
448	556	-1.32e-003	-1.69	-1.34e-003	-0.49	0.80	0.34
	568	-1.32e-003	-1.71	9.28e-004	-0.38	0.74	0.40
	569	-7.16e-004	-1.71	3.37e-004	-0.32	0.86	0.30
	557	-7.16e-004	-1.69	-1.93e-003	-0.36	0.94	0.24
449	555	-2.90e-003	-1.81	1.06e-004	-0.63	0.57	0.64
	567	-2.90e-003	-1.83	3.06e-003	-0.42	0.36	0.68
	568	-1.32e-003	-1.83	2.15e-003	-0.47	0.67	0.45
	556	-1.32e-003	-1.81	-8.07e-004	-0.46	0.75	0.41
450	290	-4.44e-003	-1.93	1.47e-003	-0.71	0.50	1.25
	343	-4.44e-003	-1.95	5.61e-003	-0.63	0.16	1.32
	567	-2.90e-003	-1.95	4.73e-003	-0.57	0.24	0.87
	555	-2.90e-003	-1.93	5.93e-004	-0.55	0.48	0.80
451	553	4.57e-002	-0.13	-5.55e-002	-6.35e-002	-1.04	-0.60
	566	4.57e-002	-0.47	-0.21	0.11	-1.32	-1.04
	364	0.32	-0.47	-0.22	-0.70	-0.26	-1.15
	554	0.32	-0.13	-6.19e-002	-0.49	-0.39	-0.70
452	552	-3.22e-002	-0.42	-4.08e-002	0.27	-1.57	-0.20
	565	-3.22e-002	-0.57	-8.88e-002	3.67e-002	-1.82	-0.20
	566	4.57e-002	-0.57	-0.13	8.07e-002	-1.87	-0.62
	553	4.57e-002	-0.42	-8.37e-002	0.23	-1.53	-0.61
453	551	-3.78e-002	-0.64	-2.86e-002	-7.40e-002	-0.46	-2.76e-002
	564	-3.78e-002	-0.70	-4.63e-002	-0.21	-0.45	0.15
	565	-3.22e-002	-0.70	-5.12e-002	0.16	-1.27	4.41e-002
	552	-3.22e-002	-0.64	-3.34e-002	5.85e-002	-1.11	-0.13
454	550	-2.35e-002	-0.80	-1.29e-002	-0.33	0.62	-3.56e-002
	563	-2.35e-002	-0.84	-2.34e-002	-0.31	0.65	4.30e-002
	564	-3.78e-002	-0.84	-3.19e-002	-0.20	-7.11e-003	9.02e-002
	551	-3.78e-002	-0.80	-2.14e-002	-0.21	-3.81e-002	1.16e-002
455	549	-1.20e-002	-0.95	-5.91e-003	-0.37	1.19	-7.57e-002
	562	-1.20e-002	-0.97	-1.24e-002	-0.31	1.20	-7.31e-002
	563	-2.35e-002	-0.97	-1.59e-002	-0.32	0.87	-2.68e-002
	550	-2.35e-002	-0.95	-9.46e-003	-0.35	0.82	-2.94e-002
456	548	-5.16e-003	-1.08	-1.65e-003	-0.33	1.37	-0.11
	561	-5.16e-003	-1.09	-6.10e-003	-0.26	1.37	-0.13
	562	-1.20e-002	-1.09	-8.16e-003	-0.30	1.28	-0.11
	549	-1.20e-002	-1.08	-3.71e-003	-0.36	1.25	-8.47e-002
457	547	-2.13e-003	-1.20	1.89e-004	-0.27	1.32	-0.11
	560	-2.13e-003	-1.22	-3.40e-003	-0.20	1.29	-0.14
	561	-5.16e-003	-1.22	-4.18e-003	-0.25	1.36	-0.15
	548	-5.16e-003	-1.20	-5.95e-004	-0.30	1.35	-0.12
458	546	-1.17e-003	-1.32	9.95e-004	-0.23	1.18	-5.29e-002
	559	-1.17e-003	-1.34	-2.26e-003	-0.18	1.12	-6.59e-002
	560	-2.13e-003	-1.34	-2.59e-003	-0.21	1.24	-0.12
	547	-2.13e-003	-1.32	6.70e-004	-0.23	1.26	-0.11
459	545	-1.05e-003	-1.44	1.39e-003	-0.25	1.06	4.42e-002
	558	-1.05e-003	-1.46	-1.79e-003	-0.23	1.00	6.65e-002

	559	-1.17e-003	-1.46	-1.95e-003	-0.20	1.09	-1.45e-002
	546	-1.17e-003	-1.44	1.23e-003	-0.22	1.14	-3.68e-002
460	544	-1.34e-003	-1.56	1.93e-003	-0.34	1.00	0.14
	557	-1.34e-003	-1.57	-1.21e-003	-0.32	0.95	0.19
	558	-1.05e-003	-1.57	-1.51e-003	-0.25	1.03	0.12
	545	-1.05e-003	-1.56	1.63e-003	-0.28	1.07	6.58e-002
461	543	-2.31e-003	-1.67	2.76e-003	-0.48	0.93	0.27
	556	-2.31e-003	-1.69	-2.64e-004	-0.41	0.83	0.32
	557	-1.34e-003	-1.69	-7.62e-004	-0.36	0.96	0.22
	544	-1.34e-003	-1.67	2.26e-003	-0.37	1.01	0.17
462	542	-3.95e-003	-1.79	3.50e-003	-0.64	0.85	0.55
	555	-3.95e-003	-1.81	7.02e-004	-0.48	0.66	0.61
	556	-2.31e-003	-1.81	2.70e-004	-0.49	0.80	0.39
	543	-2.31e-003	-1.79	3.06e-003	-0.47	0.92	0.33
463	338	-5.53e-003	-1.91	3.76e-003	-0.84	0.93	1.04
	290	-5.53e-003	-1.93	1.41e-003	-0.74	0.64	1.16
	555	-3.95e-003	-1.93	1.19e-003	-0.61	0.62	0.79
	542	-3.95e-003	-1.91	3.54e-003	-0.62	0.87	0.66
464	540	-2.69e-002	-0.13	7.76e-003	5.78e-002	-1.11	-0.25
	553	-2.69e-002	-0.13	1.43e-002	0.11	-1.03	-0.57
	554	0.46	-0.13	6.50e-003	-0.44	-0.37	-0.52
	541	0.46	-0.13	-8.13e-005	-0.29	-0.37	-0.20
465	539	-4.55e-002	-0.42	2.91e-002	0.19	-1.37	-0.32
	552	-4.55e-002	-0.42	-1.91e-002	0.22	-1.47	-0.34
	553	-2.69e-002	-0.42	-1.38e-002	0.13	-1.43	-0.42
	540	-2.69e-002	-0.42	3.44e-002	0.23	-1.41	-0.40
466	538	-4.15e-002	-0.63	1.81e-002	-8.32e-002	-0.38	-0.26
	551	-4.15e-002	-0.64	-1.22e-002	-0.10	-0.44	-7.90e-002
	552	-4.55e-002	-0.64	-1.17e-002	0.17	-1.06	-0.18
	539	-4.55e-002	-0.63	1.87e-002	0.14	-0.98	-0.36
467	537	-2.69e-002	-0.79	8.31e-003	-0.30	0.62	-0.13
	550	-2.69e-002	-0.80	-5.60e-003	-0.33	0.60	-2.73e-002
	551	-4.15e-002	-0.80	-5.07e-003	-0.15	-2.42e-002	-7.53e-002
	538	-4.15e-002	-0.79	8.84e-003	-0.18	2.73e-002	-0.18
468	536	-1.37e-002	-0.93	4.48e-003	-0.35	1.17	-7.23e-002
	549	-1.37e-002	-0.95	-2.16e-003	-0.38	1.18	-5.80e-002
	550	-2.69e-002	-0.95	-2.18e-003	-0.34	0.81	-6.29e-002
	537	-2.69e-002	-0.93	4.45e-003	-0.35	0.83	-7.71e-002
469	535	-5.99e-003	-1.06	2.26e-003	-0.32	1.35	-6.86e-002
	548	-5.99e-003	-1.08	8.55e-005	-0.33	1.36	-9.50e-002
	549	-1.37e-002	-1.08	4.76e-005	-0.36	1.24	-8.22e-002
	536	-1.37e-002	-1.06	2.23e-003	-0.35	1.23	-5.59e-002
470	534	-2.47e-003	-1.18	1.35e-003	-0.26	1.33	-7.29e-002
	547	-2.47e-003	-1.20	1.18e-003	-0.26	1.32	-0.10
	548	-5.99e-003	-1.20	1.14e-003	-0.31	1.34	-0.10
	535	-5.99e-003	-1.18	1.30e-003	-0.29	1.34	-7.11e-002
471	533	-1.31e-003	-1.30	9.61e-004	-0.23	1.22	-4.83e-002
	546	-1.31e-003	-1.32	1.68e-003	-0.22	1.19	-6.33e-002
	547	-2.47e-003	-1.32	1.66e-003	-0.26	1.27	-8.97e-002
	534	-2.47e-003	-1.30	9.40e-004	-0.24	1.28	-7.47e-002
472	532	-1.24e-003	-1.42	8.59e-004	-0.25	1.12	3.12e-003
	545	-1.24e-003	-1.44	1.97e-003	-0.25	1.09	1.78e-002
	546	-1.31e-003	-1.44	1.92e-003	-0.23	1.16	-2.81e-002
	533	-1.31e-003	-1.42	8.10e-004	-0.22	1.19	-4.27e-002
473	531	-1.69e-003	-1.54	9.55e-004	-0.32	1.07	6.76e-002
	544	-1.69e-003	-1.56	2.35e-003	-0.32	1.03	0.11
	545	-1.24e-003	-1.56	2.21e-003	-0.27	1.09	5.53e-002
	532	-1.24e-003	-1.54	8.11e-004	-0.26	1.13	1.48e-002
474	530	-2.61e-003	-1.65	1.07e-003	-0.46	1.05	0.18
	543	-2.61e-003	-1.67	2.87e-003	-0.41	0.97	0.24

	544	-1.69e-003	-1.67	2.69e-003	-0.36	1.04	0.15
	531	-1.69e-003	-1.65	8.93e-004	-0.34	1.08	8.87e-002
475	529	-3.93e-003	-1.77	7.56e-004	-0.66	1.09	0.40
	542	-3.93e-003	-1.79	3.09e-003	-0.55	0.93	0.49
	543	-2.61e-003	-1.79	3.17e-003	-0.50	0.98	0.31
	530	-2.61e-003	-1.77	8.37e-004	-0.46	1.08	0.22
476	335	-5.40e-003	-1.88	-1.46e-004	-0.94	1.26	0.77
	338	-5.40e-003	-1.91	2.80e-003	-0.87	1.04	0.93
	542	-3.93e-003	-1.91	3.14e-003	-0.68	0.98	0.65
	529	-3.93e-003	-1.88	1.97e-004	-0.68	1.17	0.48
477	528	5.13e-002	-0.47	0.22	0.10	-1.35	-5.87e-002
	540	5.13e-002	-0.13	6.89e-002	0.14	-1.20	-0.25
	541	0.28	-0.13	7.98e-002	-0.29	-0.40	5.75e-002
	365	0.28	-0.47	0.23	-1.10e-002	-0.69	0.25
478	527	-2.78e-002	-0.55	9.46e-002	-3.06e-002	-1.42	-0.48
	539	-2.78e-002	-0.42	5.05e-002	0.24	-1.39	-0.44
	540	5.13e-002	-0.42	0.10	0.16	-1.44	-0.26
	528	5.13e-002	-0.55	0.14	0.16	-1.66	-0.30
479	526	-3.61e-002	-0.67	4.82e-002	-0.18	-0.17	-0.44
	538	-3.61e-002	-0.63	3.35e-002	-0.11	-0.32	-0.30
	539	-2.78e-002	-0.63	4.01e-002	5.95e-002	-0.97	-0.40
	527	-2.78e-002	-0.67	5.48e-002	5.35e-002	-0.97	-0.55
480	525	-2.32e-002	-0.80	2.47e-002	-0.24	0.74	-0.19
	537	-2.32e-002	-0.79	1.53e-002	-0.32	0.66	-0.13
	538	-3.61e-002	-0.79	2.42e-002	-0.17	5.31e-002	-0.26
	526	-3.61e-002	-0.80	3.35e-002	-0.23	0.16	-0.32
481	524	-1.21e-002	-0.93	1.36e-002	-0.24	1.19	-5.45e-002
	536	-1.21e-002	-0.93	7.96e-003	-0.35	1.18	-5.46e-002
	537	-2.32e-002	-0.93	1.15e-002	-0.30	0.84	-0.11
	525	-2.32e-002	-0.93	1.72e-002	-0.29	0.90	-0.10
482	523	-5.29e-003	-1.05	7.53e-003	-0.22	1.34	-3.36e-002
	535	-5.29e-003	-1.06	3.73e-003	-0.30	1.35	-5.41e-002
	536	-1.21e-002	-1.06	5.71e-003	-0.32	1.24	-5.17e-002
	524	-1.21e-002	-1.05	9.51e-003	-0.25	1.24	-3.11e-002
483	522	-2.21e-003	-1.17	4.97e-003	-0.19	1.32	-4.63e-002
	534	-2.21e-003	-1.18	2.05e-003	-0.24	1.32	-6.68e-002
	535	-5.29e-003	-1.18	2.77e-003	-0.28	1.34	-5.48e-002
	523	-5.29e-003	-1.17	5.69e-003	-0.21	1.32	-3.43e-002
484	521	-1.23e-003	-1.28	3.88e-003	-0.18	1.24	-4.62e-002
	533	-1.23e-003	-1.30	1.33e-003	-0.21	1.23	-5.41e-002
	534	-2.21e-003	-1.30	1.64e-003	-0.23	1.29	-5.81e-002
	522	-2.21e-003	-1.28	4.19e-003	-0.18	1.28	-5.02e-002
485	520	-1.27e-003	-1.40	3.44e-003	-0.20	1.16	-2.75e-002
	532	-1.27e-003	-1.42	1.04e-003	-0.23	1.14	-1.51e-002
	533	-1.23e-003	-1.42	1.18e-003	-0.22	1.20	-3.35e-002
	521	-1.23e-003	-1.40	3.57e-003	-0.18	1.20	-4.59e-002
486	519	-1.77e-003	-1.52	3.17e-003	-0.27	1.13	6.52e-003
	531	-1.77e-003	-1.54	8.89e-004	-0.29	1.09	4.16e-002
	532	-1.27e-003	-1.54	9.92e-004	-0.25	1.14	1.13e-002
	520	-1.27e-003	-1.52	3.28e-003	-0.22	1.14	-2.38e-002
487	518	-2.52e-003	-1.63	2.81e-003	-0.39	1.15	7.57e-002
	530	-2.52e-003	-1.65	6.44e-004	-0.40	1.08	0.14
	531	-1.77e-003	-1.65	8.27e-004	-0.33	1.10	7.71e-002
	519	-1.77e-003	-1.63	3.00e-003	-0.29	1.12	1.64e-002
488	517	-3.36e-003	-1.75	1.96e-003	-0.61	1.27	0.22
	529	-3.36e-003	-1.77	-8.27e-005	-0.59	1.15	0.33
	530	-2.52e-003	-1.77	4.08e-004	-0.47	1.13	0.21
	518	-2.52e-003	-1.75	2.45e-003	-0.42	1.18	0.10
489	291	-4.27e-003	-1.86	3.76e-004	-0.95	1.51	0.46
	335	-4.27e-003	-1.88	-1.45e-003	-0.95	1.34	0.65

	529	-3.36e-003	-1.88	-6.42e-004	-0.70	1.26	0.45
	517	-3.36e-003	-1.86	1.19e-003	-0.67	1.37	0.27
490	515	4.40e-002	-0.76	-1.38e-003	-0.38	-2.09	-0.29
	528	4.40e-002	-0.47	0.20	0.14	-1.59	-7.36e-002
	365	-1.20e-002	-0.47	0.24	4.31e-002	-0.64	0.16
	516	-1.20e-002	-0.76	3.80e-002	0.39	-0.44	-5.85e-002
491	514	-1.63e-002	-0.64	5.73e-002	-0.61	-1.71	-0.58
	527	-1.63e-002	-0.55	0.11	0.11	-1.49	-0.55
	528	4.40e-002	-0.55	0.12	-6.98e-003	-1.77	-0.34
	515	4.40e-002	-0.64	6.73e-002	-0.38	-1.81	-0.38
492	513	-2.08e-002	-0.72	5.26e-002	-0.22	0.19	-0.39
	526	-2.08e-002	-0.67	5.30e-002	-0.23	-3.55e-002	-0.43
	527	-1.63e-002	-0.67	6.73e-002	-0.22	-1.00	-0.63
	514	-1.63e-002	-0.72	6.68e-002	-0.34	-0.96	-0.60
493	512	-1.37e-002	-0.82	3.04e-002	-9.97e-003	1.02	-0.11
	525	-1.37e-002	-0.80	2.80e-002	-0.28	0.83	-0.17
	526	-2.08e-002	-0.80	3.84e-002	-0.18	0.18	-0.33
	513	-2.08e-002	-0.82	4.08e-002	-0.28	0.20	-0.27
494	511	-7.02e-003	-0.93	1.51e-002	-3.39e-003	1.27	-3.40e-002
	524	-7.02e-003	-0.93	1.51e-002	-0.22	1.21	-5.09e-002
	525	-1.37e-002	-0.93	2.04e-002	-0.17	0.93	-8.54e-002
	512	-1.37e-002	-0.93	2.03e-002	-0.11	0.91	-6.84e-002
495	510	-3.03e-003	-1.04	6.63e-003	-5.52e-002	1.30	-3.89e-002
	523	-3.03e-003	-1.05	8.33e-003	-0.17	1.33	-3.85e-002
	524	-7.02e-003	-1.05	1.10e-002	-0.18	1.26	-1.93e-002
	511	-7.02e-003	-1.04	9.33e-003	-4.43e-002	1.27	-1.97e-002
496	509	-1.25e-003	-1.15	2.95e-003	-0.10	1.23	-6.45e-002
	522	-1.25e-003	-1.17	5.45e-003	-0.14	1.31	-5.95e-002
	523	-3.03e-003	-1.17	6.49e-003	-0.19	1.33	-3.20e-002
	510	-3.03e-003	-1.15	3.99e-003	-4.54e-002	1.38	-3.69e-002
497	508	-7.48e-004	-1.27	1.31e-003	-0.14	1.14	-7.76e-002
	521	-7.48e-004	-1.28	4.21e-003	-0.14	1.23	-6.87e-002
	522	-1.25e-003	-1.28	4.67e-003	-0.19	1.29	-5.58e-002
	509	-1.25e-003	-1.27	1.77e-003	-6.14e-002	1.37	-6.47e-002
498	507	-8.48e-004	-1.39	3.17e-004	-0.17	1.05	-7.72e-002
	520	-8.48e-004	-1.40	3.59e-003	-0.16	1.16	-6.15e-002
	521	-7.48e-004	-1.40	3.91e-003	-0.19	1.22	-5.92e-002
	508	-7.48e-004	-1.39	6.35e-004	-8.70e-002	1.32	-7.49e-002
499	506	-1.23e-003	-1.50	-7.22e-004	-0.23	1.02	-6.98e-002
	519	-1.23e-003	-1.52	3.09e-003	-0.21	1.13	-3.91e-002
	520	-8.48e-004	-1.52	3.43e-003	-0.23	1.16	-4.69e-002
	507	-8.48e-004	-1.50	-3.78e-004	-0.12	1.28	-7.76e-002
500	505	-1.65e-003	-1.62	-2.13e-003	-0.34	1.03	-4.11e-002
	518	-1.65e-003	-1.63	2.40e-003	-0.30	1.16	6.62e-003
	519	-1.23e-003	-1.63	2.91e-003	-0.31	1.14	-1.52e-002
	506	-1.23e-003	-1.62	-1.62e-003	-0.19	1.30	-6.29e-002
501	504	-2.13e-003	-1.73	-4.11e-003	-0.53	1.20	1.96e-002
	517	-2.13e-003	-1.75	1.27e-003	-0.50	1.31	0.11
	518	-1.65e-003	-1.75	2.04e-003	-0.45	1.22	5.44e-002
	505	-1.65e-003	-1.73	-3.34e-003	-0.30	1.39	-3.88e-002
502	330	-2.63e-003	-1.84	-6.55e-003	-0.87	1.47	0.14
	291	-2.63e-003	-1.86	-5.63e-004	-0.88	1.57	0.30
	517	-2.13e-003	-1.86	4.89e-004	-0.70	1.42	0.20
	504	-2.13e-003	-1.84	-5.49e-003	-0.53	1.65	3.77e-002
503	503	6.58e-002	-0.57	2.37e-002	-0.25	3.54	-0.43
	515	6.58e-002	-0.76	-1.27e-002	-1.87	-1.80	0.24
	516	-4.38e-003	-0.76	-0.18	1.19	-1.04	0.82
	361	-4.38e-003	-0.57	-0.14	-1.23	-7.13	0.15
504	502	3.82e-003	-0.72	2.66e-002	-1.83	-1.68	-0.66
	514	3.82e-003	-0.64	4.45e-002	-0.46	-1.85	-0.83

	515	6.58e-002	-0.64	5.60e-002	-0.27	-2.23	0.13
	503	6.58e-002	-0.72	3.81e-002	-2.52	-3.63	0.29
505	501	-9.62e-003	-0.76	2.72e-002	-0.76	-2.14	-0.29
	513	-9.62e-003	-0.72	5.00e-002	0.26	0.13	-0.71
	514	3.82e-003	-0.72	5.40e-002	-1.42	-0.81	-0.80
	502	3.82e-003	-0.76	3.13e-002	-0.39	1.57	-0.37
506	500	-7.33e-003	-0.83	1.49e-002	3.80e-002	-0.50	-0.16
	512	-7.33e-003	-0.82	2.86e-002	0.34	0.97	-0.27
	513	-9.62e-003	-0.82	3.82e-002	-0.59	0.44	-0.54
	501	-9.62e-003	-0.83	2.45e-002	0.63	2.26	-0.43
507	499	-3.69e-003	-0.92	9.90e-003	0.27	0.96	-6.58e-002
	511	-3.69e-003	-0.93	1.43e-002	0.12	1.27	-3.15e-002
	512	-7.33e-003	-0.93	1.85e-002	-3.23e-002	1.02	-0.22
	500	-7.33e-003	-0.92	1.41e-002	0.53	1.57	-0.25
508	498	-1.56e-003	-1.03	7.17e-003	0.28	1.73	1.28e-002
	510	-1.56e-003	-1.04	6.19e-003	-9.22e-002	1.34	5.67e-002
	511	-3.69e-003	-1.04	8.53e-003	0.13	1.27	-4.00e-002
	499	-3.69e-003	-1.03	9.51e-003	0.19	1.00	-8.38e-002
509	497	-6.27e-004	-1.14	6.22e-003	0.23	2.05	5.08e-002
	509	-6.27e-004	-1.15	2.75e-003	-0.22	1.30	7.34e-002
	510	-1.56e-003	-1.15	3.56e-003	0.16	1.33	3.66e-002
	498	-1.56e-003	-1.14	7.03e-003	-7.77e-002	0.62	1.40e-002
510	496	-3.92e-004	-1.25	5.56e-003	0.20	2.15	7.31e-002
	508	-3.92e-004	-1.27	9.96e-004	-0.30	1.23	7.83e-002
	509	-6.27e-004	-1.27	1.56e-003	0.14	1.29	6.02e-002
	497	-6.27e-004	-1.25	6.13e-003	-0.22	0.39	5.50e-002
511	495	-4.78e-004	-1.37	4.94e-003	0.17	2.17	8.87e-002
	507	-4.78e-004	-1.39	-1.47e-004	-0.35	1.15	8.93e-002
	508	-3.92e-004	-1.39	3.18e-004	0.13	1.23	7.53e-002
	496	-3.92e-004	-1.37	5.40e-003	-0.31	0.24	7.48e-002
512	494	-7.03e-004	-1.49	3.85e-003	0.16	2.27	0.10
	506	-7.03e-004	-1.50	-1.65e-003	-0.43	1.13	0.11
	507	-4.78e-004	-1.50	-8.42e-004	0.11	1.18	8.65e-002
	495	-4.78e-004	-1.49	4.66e-003	-0.38	6.86e-002	8.48e-002
513	493	-9.34e-004	-1.60	2.34e-003	0.10	2.41	0.13
	505	-9.34e-004	-1.62	-3.63e-003	-0.54	1.17	0.14
	506	-7.03e-004	-1.62	-2.55e-003	6.81e-002	1.19	0.11
	494	-7.03e-004	-1.60	3.42e-003	-0.46	-1.71e-002	0.10
514	492	-1.15e-003	-1.71	5.90e-004	6.10e-002	2.84	0.17
	504	-1.15e-003	-1.73	-6.09e-003	-0.76	1.38	0.20
	505	-9.34e-004	-1.73	-4.84e-003	4.93e-003	1.27	0.15
	493	-9.34e-004	-1.71	1.85e-003	-0.60	-0.13	0.12
515	287	-1.09e-003	-1.82	-1.33e-003	-0.16	3.27	0.20
	330	-1.09e-003	-1.84	-8.88e-003	-1.07	1.67	0.29
	504	-1.15e-003	-1.84	-7.47e-003	-0.16	1.52	0.24
	492	-1.15e-003	-1.82	8.00e-005	-0.78	-2.39e-002	0.15
516	489	-3.18e-003	-0.50	-6.95e-003	1.23	-1.89	-1.16
	503	-3.18e-003	-0.57	-2.53e-002	-1.49	-3.99	-1.32
	361	-2.05e-003	-0.57	-3.13e-002	-0.12	2.84	-1.79
	491	-2.05e-003	-0.50	-1.29e-002	-0.46	1.68	-1.63
517	487	-3.72e-003	-0.63	-4.57e-003	0.45	-3.19	-0.12
	502	-3.72e-003	-0.72	1.49e-003	-1.34	-2.45	-1.46e-002
	503	-3.18e-003	-0.72	-9.93e-003	-1.87	-4.84	-0.67
	489	-3.18e-003	-0.63	-1.60e-002	1.20	-2.77	-0.78
518	485	-1.12e-003	-0.75	-8.29e-003	-0.57	-0.99	0.13
	501	-1.12e-003	-0.76	1.01e-002	4.26e-003	1.18	0.17
	502	-3.72e-003	-0.76	1.11e-002	-0.99	-4.32	0.25
	487	-3.72e-003	-0.75	-7.32e-003	0.50	-2.32	0.21
519	483	-1.28e-003	-0.85	-4.48e-003	-0.46	0.43	-0.13
	500	-1.28e-003	-0.83	8.47e-003	0.44	2.14	-0.13

	501	-1.12e-003	-0.83	8.20e-003	8.99e-002	-1.56	9.40e-002
	485	-1.12e-003	-0.85	-4.75e-003	-0.10	-0.31	9.05e-002
520	481	-2.44e-004	-0.96	-9.60e-004	-0.23	0.73	-0.30
	499	-2.44e-004	-0.92	3.45e-003	0.39	2.26	-0.21
	500	-1.28e-003	-0.92	4.75e-003	0.23	-0.80	-0.17
	483	-1.28e-003	-0.96	3.48e-004	0.10	0.64	-0.26
521	479	-3.57e-004	-1.07	1.55e-003	-0.15	0.75	-0.34
	498	-3.57e-004	-1.03	1.66e-003	0.25	2.18	-0.21
	499	-2.44e-004	-1.03	1.22e-003	0.16	-0.58	-0.22
	481	-2.44e-004	-1.07	1.12e-003	0.20	0.88	-0.35
522	477	3.35e-005	-1.19	2.11e-003	-0.15	0.69	-0.33
	497	3.35e-005	-1.14	-2.37e-004	0.14	2.10	-0.20
	498	-3.57e-004	-1.14	5.14e-004	2.79e-002	-0.58	-0.22
	479	-3.57e-004	-1.19	2.86e-003	0.22	0.87	-0.35
523	475	6.50e-004	-1.30	2.64e-003	-0.19	0.66	-0.31
	496	6.50e-004	-1.25	-4.61e-004	7.02e-002	2.04	-0.19
	497	3.35e-005	-1.25	-7.58e-004	-6.71e-002	-0.59	-0.20
	477	3.35e-005	-1.30	2.34e-003	0.20	0.82	-0.33
524	473	5.95e-004	-1.42	4.76e-004	-0.22	0.66	-0.30
	495	5.95e-004	-1.37	-2.00e-003	1.44e-002	1.99	-0.18
	496	6.50e-004	-1.37	-7.44e-004	-0.12	-0.55	-0.19
	475	6.50e-004	-1.42	1.73e-003	0.15	0.79	-0.31
525	471	1.89e-003	-1.53	-6.76e-004	-0.26	0.68	-0.30
	494	1.89e-003	-1.49	-2.88e-003	-4.05e-002	1.92	-0.18
	495	5.95e-004	-1.49	-2.44e-003	-0.17	-0.46	-0.19
	473	5.95e-004	-1.53	-2.31e-004	0.10	0.79	-0.31
526	469	1.49e-003	-1.65	-5.43e-003	-0.30	0.73	-0.31
	493	1.49e-003	-1.60	-5.14e-003	-0.13	1.82	-0.18
	494	1.89e-003	-1.60	-3.26e-003	-0.21	-0.29	-0.18
	471	1.89e-003	-1.65	-3.56e-003	2.93e-002	0.81	-0.31
527	467	1.59e-003	-1.77	-8.98e-003	-0.40	0.78	-0.34
	492	1.59e-003	-1.71	-8.10e-003	-0.25	1.73	-0.19
	493	1.49e-003	-1.71	-6.03e-003	-0.28	-6.46e-002	-0.18
	469	1.49e-003	-1.77	-6.92e-003	-7.37e-002	0.86	-0.33
528	325	4.80e-004	-1.89	-1.19e-002	-0.59	0.81	-0.43
	287	4.80e-004	-1.82	-9.07e-003	-0.48	1.60	-0.22
	492	1.59e-003	-1.82	-8.67e-003	-0.40	0.19	-0.18
	467	1.59e-003	-1.89	-1.15e-002	-0.24	0.91	-0.40
529	490	-1.43e-002	-0.47	1.40e-003	7.19e-002	-0.69	-0.77
	489	-1.43e-002	-0.50	-2.42e-003	0.57	-1.32	-1.40
	491	-3.21e-004	-0.50	2.15e-003	-0.55	1.53	-1.65
	360	-3.21e-004	-0.47	5.97e-003	-5.12e-002	1.40	-1.02
530	488	-2.45e-003	-0.59	9.90e-003	0.28	-2.13	-2.47e-002
	487	-2.45e-003	-0.63	-1.39e-002	0.27	-2.85	-7.51e-003
	489	-1.43e-002	-0.63	-1.15e-002	0.39	-2.30	-0.75
	490	-1.43e-002	-0.59	1.23e-002	0.20	-1.51	-0.77
531	486	-6.72e-003	-0.73	2.03e-003	9.41e-002	-1.05	0.24
	485	-6.72e-003	-0.75	-1.67e-002	-0.16	-1.24	0.50
	487	-2.45e-003	-0.75	-1.67e-002	0.44	-2.00	0.32
	488	-2.45e-003	-0.73	2.04e-003	1.16e-002	-1.82	5.87e-002
532	484	1.99e-003	-0.87	1.13e-002	-5.14e-002	0.18	9.39e-002
	483	1.99e-003	-0.85	-1.00e-002	-0.16	0.16	0.17
	485	-6.72e-003	-0.85	-1.31e-002	-8.58e-003	-0.26	0.35
	486	-6.72e-003	-0.87	8.19e-003	-5.56e-002	-0.64	0.27
533	482	-2.33e-003	-9.96e-001	4.73e-003	-4.11e-002	0.70	-5.65e-002
	481	-2.33e-003	-0.96	-5.10e-003	-5.58e-002	0.62	-8.60e-002
	483	1.99e-003	-0.96	-5.22e-003	-0.12	0.66	4.28e-002
	484	1.99e-003	-9.96e-001	4.62e-003	-4.00e-002	0.32	7.22e-002
534	480	5.18e-004	-1.12	8.80e-003	-1.84e-003	0.82	-0.12
	479	5.18e-004	-1.07	-1.51e-003	-2.34e-003	0.68	-0.15

	481	-2.33e-003	-1.07	-3.03e-003	-3.11e-002	0.92	-0.11
	482	-2.33e-003	-1.12	7.29e-003	-3.02e-002	0.70	-8.09e-002
535	478	4.14e-004	-1.23	6.44e-003	1.80e-002	0.80	-0.13
	477	4.14e-004	-1.19	-8.56e-004	3.57e-003	0.64	-0.14
	479	5.18e-004	-1.19	-2.02e-004	1.51e-002	0.93	-0.14
	480	5.18e-004	-1.23	7.10e-003	-2.13e-002	0.77	-0.13
536	476	-2.35e-004	-1.35	6.92e-003	2.16e-002	0.76	-0.13
	475	-2.35e-004	-1.30	1.64e-004	-1.39e-002	0.60	-0.13
	477	4.14e-004	-1.30	-6.24e-004	2.06e-002	0.89	-0.14
	478	4.14e-004	-1.35	6.13e-003	-1.94e-002	0.74	-0.13
537	474	4.30e-003	-1.46	8.21e-003	1.69e-002	0.73	-0.13
	473	4.30e-003	-1.42	-1.95e-003	-3.93e-002	0.60	-0.13
	475	-2.35e-004	-1.42	-7.44e-004	4.20e-003	0.86	-0.13
	476	-2.35e-004	-1.46	9.42e-003	-2.18e-002	0.71	-0.13
538	472	-7.59e-004	-1.58	4.57e-003	8.31e-003	0.73	-0.16
	471	-7.59e-004	-1.53	-2.48e-003	-7.34e-002	0.62	-0.15
	473	4.30e-003	-1.53	-2.66e-003	-2.20e-002	0.85	-0.13
	474	4.30e-003	-1.58	4.39e-003	-2.63e-002	0.70	-0.14
539	470	8.83e-003	-1.69	1.06e-002	-4.94e-003	0.74	-0.22
	469	8.83e-003	-1.65	-6.56e-003	-0.13	0.67	-0.20
	471	-7.59e-004	-1.65	-5.36e-003	-5.85e-002	0.86	-0.15
	472	-7.59e-004	-1.69	1.18e-002	-3.54e-002	0.70	-0.17
540	468	-6.86e-004	-1.82	1.47e-003	-2.52e-002	0.72	-0.33
	467	-6.86e-004	-1.77	-9.67e-003	-0.22	0.73	-0.29
	469	8.83e-003	-1.77	-8.04e-003	-0.12	0.88	-0.20
	470	8.83e-003	-1.82	3.09e-003	-5.36e-002	0.71	-0.24
541	286	3.48e-003	-1.95	8.80e-003	-7.58e-002	0.64	-0.53
	325	3.48e-003	-1.89	-1.13e-002	-0.38	0.77	-0.46
	467	-6.86e-004	-1.89	-1.22e-002	-0.22	0.90	-0.30
	468	-6.86e-004	-1.95	7.88e-003	-8.70e-002	0.70	-0.37
542	453	-9.33e-003	-0.50	8.57e-003	0.12	0.99	0.14
	466	-9.33e-003	-0.49	-2.26e-003	2.81e-002	1.15	1.27e-002
	359	-8.78e-005	-0.49	-4.24e-003	-2.32e-002	1.65	8.88e-002
	454	-8.78e-005	-0.50	6.59e-003	-8.50e-002	1.66	0.22
543	452	5.37e-004	-0.63	7.41e-003	3.41e-002	0.61	-0.11
	465	5.37e-004	-0.61	-1.20e-002	5.31e-002	0.71	-0.10
	466	-9.33e-003	-0.61	-1.08e-002	1.81e-002	0.97	2.01e-002
	453	-9.33e-003	-0.63	8.64e-003	0.10	0.83	5.01e-003
544	451	-8.02e-003	-0.75	4.38e-003	-1.18e-002	0.56	-0.13
	464	-8.02e-003	-0.73	-2.96e-003	1.63e-002	0.59	-0.11
	465	5.37e-004	-0.73	-2.75e-003	-1.56e-002	0.69	-0.11
	452	5.37e-004	-0.75	4.60e-003	5.29e-002	0.71	-0.13
545	450	5.15e-004	-0.87	1.35e-003	2.57e-002	0.36	-9.04e-002
	463	5.15e-004	-0.84	-1.17e-002	7.70e-003	0.42	-0.12
	464	-8.02e-003	-0.84	-1.00e-002	-7.27e-003	0.53	-0.12
	451	-8.02e-003	-0.87	3.01e-003	-1.41e-002	0.60	-9.39e-002
546	449	-3.33e-003	-0.99	-1.16e-004	1.80e-002	0.20	-0.15
	462	-3.33e-003	-0.95	-4.91e-003	2.09e-002	0.29	-0.16
	463	5.15e-004	-0.95	-5.59e-003	5.30e-003	0.35	-0.12
	450	5.15e-004	-0.99	-7.95e-004	1.44e-002	0.36	-0.11
547	448	1.64e-004	-1.10	-1.26e-003	-1.64e-002	0.23	-0.18
	461	1.64e-004	-1.07	-8.91e-003	1.87e-002	0.28	-0.17
	462	-3.33e-003	-1.07	-7.89e-003	-7.35e-003	0.27	-0.16
	449	-3.33e-003	-1.10	-2.50e-004	3.08e-002	0.31	-0.17
548	447	1.52e-004	-1.22	-1.12e-003	4.23e-002	0.23	-0.14
	460	1.52e-004	-1.18	-6.64e-003	1.43e-002	0.29	-0.17
	461	1.64e-004	-1.18	-7.33e-003	-2.58e-003	0.28	-0.18
	448	1.64e-004	-1.22	-1.81e-003	2.50e-003	0.36	-0.15
549	446	-1.37e-003	-1.34	-1.08e-003	0.26	0.13	-0.22
	459	-1.37e-003	-1.29	-6.69e-003	4.18e-002	0.37	-0.32

	460	1.52e-004	-1.29	-6.36e-003	6.43e-002	0.24	-0.20
	447	1.52e-004	-1.34	-7.52e-004	4.02e-002	0.24	-0.10
550	445	2.62e-003	-1.45	4.25e-003	0.43	0.61	-0.72
	458	2.62e-003	-1.40	-7.47e-003	0.11	1.12	-0.77
	459	-1.37e-003	-1.40	-9.70e-003	0.17	0.40	-0.39
	446	-1.37e-003	-1.45	2.01e-003	0.25	0.14	-0.33
551	444	-2.15e-003	-1.56	9.21e-003	0.35	2.68	-1.43
	457	-2.15e-003	-1.53	-3.19e-003	7.30e-002	3.17	-1.28
	458	2.62e-003	-1.53	-4.34e-003	0.20	1.56	-0.84
	445	2.62e-003	-1.56	8.07e-003	0.52	1.16	-0.99
552	443	1.10e-002	-1.67	1.59e-002	-0.38	5.91	-1.78
	456	1.10e-002	-1.66	-9.63e-003	-2.88e-002	5.88	-1.31
	457	-2.15e-003	-1.66	-1.12e-002	-8.40e-003	4.00	-1.27
	444	-2.15e-003	-1.67	1.44e-002	0.53	3.88	-1.74
553	442	7.69e-003	-1.78	1.11e-002	-1.47	8.06	-0.39
	455	7.69e-003	-1.80	-3.71e-003	-0.30	6.48	0.18
	456	1.10e-002	-1.80	-1.65e-003	-0.59	6.77	-1.10
	443	1.10e-002	-1.78	1.31e-002	-4.68e-002	7.78	-1.67
554	318	1.05e-002	-1.92	-1.01e-002	-0.20	1.76	3.24
	285	1.05e-002	-1.91	-1.50e-002	-0.31	0.44	2.36
	455	7.69e-003	-1.91	-6.48e-003	-0.87	5.68	0.37
	442	7.69e-003	-1.92	-1.57e-003	-1.37	8.39	1.24
555	441	-1.73e-003	-0.53	1.54e-002	-0.23	0.38	0.12
	453	-1.73e-003	-0.50	1.03e-002	0.32	0.85	5.30e-002
	454	-1.65e-003	-0.50	1.34e-002	2.99e-002	1.64	0.26
	358	-1.65e-003	-0.53	1.86e-002	-6.08e-002	1.70	0.32
556	440	-2.74e-003	-0.66	1.03e-002	-0.10	0.90	-0.11
	452	-2.74e-003	-0.63	7.80e-003	4.74e-002	0.59	-7.89e-002
	453	-1.73e-003	-0.63	1.03e-002	0.24	0.75	-1.44e-002
	441	-1.73e-003	-0.66	1.28e-002	-0.22	0.32	-4.93e-002
557	439	-1.37e-003	-0.77	7.69e-003	8.33e-002	1.20	-7.24e-002
	451	-1.37e-003	-0.75	3.91e-003	-0.13	0.62	-4.96e-002
	452	-2.74e-003	-0.75	4.99e-003	7.32e-002	0.68	-0.11
	440	-2.74e-003	-0.77	8.77e-003	-7.79e-002	0.22	-0.14
558	438	-1.72e-003	-0.90	5.21e-003	1.60e-002	0.76	-4.15e-002
	450	-1.72e-003	-0.87	7.06e-004	-3.60e-002	0.38	-3.16e-002
	451	-1.37e-003	-0.87	2.54e-003	2.34e-003	0.59	-4.01e-002
	439	-1.37e-003	-0.90	7.04e-003	-2.93e-003	0.22	-4.99e-002
559	437	-5.06e-004	-1.02	4.24e-003	-4.56e-002	0.55	-0.13
	449	-5.06e-004	-0.99	-1.82e-003	1.40e-002	0.19	-0.10
	450	-1.72e-003	-0.99	-1.43e-003	0.10	0.31	-4.18e-002
	438	-1.72e-003	-1.02	4.62e-003	-8.79e-002	-0.17	-6.46e-002
560	436	-4.43e-004	-1.15	2.32e-003	2.27e-002	0.89	-0.14
	448	-4.43e-004	-1.10	-3.09e-003	-8.75e-002	0.27	-8.91e-002
	449	-5.06e-004	-1.10	-1.95e-003	0.10	0.28	-0.12
	437	-5.06e-004	-1.15	3.46e-003	-6.93e-002	-0.29	-0.17
561	435	-1.07e-004	-1.27	2.84e-003	4.39e-002	1.02	-9.02e-002
	447	-1.07e-004	-1.22	-2.97e-003	-0.17	0.26	-2.33e-002
	448	-4.43e-004	-1.22	-3.64e-003	6.15e-002	0.36	-7.41e-002
	436	-4.43e-004	-1.27	2.18e-003	-5.17e-002	-0.30	-0.14
562	434	2.34e-004	-1.39	1.67e-003	-0.19	0.28	-8.55e-002
	446	2.34e-004	-1.34	-3.26e-003	0.11	5.70e-002	-8.39e-002
	447	-1.07e-004	-1.34	-2.61e-003	1.44e-002	0.23	-4.01e-002
	435	-1.07e-004	-1.39	2.33e-003	-9.36e-002	-8.10e-002	-4.16e-002
563	433	4.38e-005	-1.51	-2.08e-003	-0.40	0.18	-0.48
	445	4.38e-005	-1.45	-1.02e-003	0.55	0.43	-0.55
	446	2.34e-004	-1.45	-1.63e-004	0.36	-4.21e-002	-0.22
	434	2.34e-004	-1.51	-1.22e-003	-0.35	-0.44	-0.15
564	432	1.49e-003	-1.61	-7.39e-003	0.25	2.68	-1.09
	444	1.49e-003	-1.56	1.82e-003	0.52	2.62	-1.22

	445	4.38e-005	-1.56	2.79e-003	0.82	0.82	-0.79
	433	4.38e-005	-1.61	-6.42e-003	-0.30	-0.10	-0.66
565	431	2.70e-003	-1.68	-1.03e-002	1.43	5.75	-1.47
	443	2.70e-003	-1.67	6.96e-003	0.83	6.28	-1.86
	444	1.49e-003	-1.67	7.02e-003	0.81	3.37	-1.47
	432	1.49e-003	-1.68	-1.02e-002	0.69	3.11	-1.08
566	430	3.42e-003	-1.73	5.14e-003	4.47	13.44	-0.29
	442	3.42e-003	-1.78	1.18e-002	-1.21	9.33	-0.34
	443	2.70e-003	-1.78	4.16e-003	0.57	7.88	-1.52
	431	2.70e-003	-1.73	-2.54e-003	2.59	6.14	-1.47
567	284	2.64e-003	-1.84	4.43e-002	5.26	11.55	3.74
	318	2.64e-003	-1.92	1.42e-002	-2.87	2.94	4.22
	442	3.42e-003	-1.92	-8.06e-004	-1.53	10.09	0.97
	430	3.42e-003	-1.84	2.93e-002	4.87	8.05	0.49
568	427	6.75e-003	-0.56	2.17e-002	-0.81	-0.57	-0.46
	441	6.75e-003	-0.53	1.10e-002	0.59	2.59	-0.37
	358	3.71e-003	-0.53	2.20e-002	-0.60	-3.83	-0.44
	429	3.71e-003	-0.56	3.28e-002	0.67	-0.58	-0.53
569	425	2.22e-003	-0.68	1.09e-002	-0.63	-0.59	-0.35
	440	2.22e-003	-0.66	3.02e-003	0.45	1.81	-0.44
	441	6.75e-003	-0.66	7.90e-003	-0.95	-3.16	-0.55
	427	6.75e-003	-0.68	1.57e-002	0.47	-0.62	-0.45
570	423	-3.32e-004	-0.79	8.57e-003	-0.50	-0.55	-0.34
	439	-3.32e-004	-0.77	3.61e-003	0.54	1.47	-0.43
	440	2.22e-003	-0.77	2.40e-003	-0.60	-2.56	-0.46
	425	2.22e-003	-0.79	7.36e-003	0.36	-0.50	-0.37
571	421	2.37e-003	-0.91	7.49e-003	-0.45	-0.77	-0.38
	438	2.37e-003	-0.90	4.59e-003	0.45	1.13	-0.40
	439	-3.32e-004	-0.90	4.28e-003	-0.44	-2.44	-0.41
	423	-3.32e-004	-0.91	7.17e-003	0.40	-0.54	-0.39
572	419	1.72e-003	-1.03	7.27e-004	-0.39	-0.99	-0.37
	437	1.72e-003	-1.02	9.20e-004	0.35	0.69	-0.40
	438	2.37e-003	-1.02	4.30e-003	-0.50	-2.54	-0.42
	421	2.37e-003	-1.03	4.11e-003	0.38	-0.81	-0.40
573	417	-7.44e-004	-1.15	-1.07e-003	-0.34	-1.16	-0.37
	436	-7.44e-004	-1.15	1.46e-004	0.36	0.30	-0.41
	437	1.72e-003	-1.15	1.56e-004	-0.44	-2.47	-0.43
	419	1.72e-003	-1.15	-1.06e-003	0.32	-9.99e-001	-0.39
574	415	-3.86e-004	-1.28	-1.02e-003	-0.39	-1.31	-0.39
	435	-3.86e-004	-1.27	-1.38e-003	0.34	0.10	-0.40
	436	-7.44e-004	-1.27	-1.28e-004	-0.36	-2.56	-0.40
	417	-7.44e-004	-1.28	2.27e-004	0.30	-1.15	-0.39
575	413	7.69e-003	-1.40	1.24e-003	-0.41	-1.60	-0.39
	434	7.69e-003	-1.39	4.83e-003	-2.38e-002	-0.38	-0.32
	435	-3.86e-004	-1.39	2.21e-004	-0.42	-2.66	-0.36
	415	-3.86e-004	-1.40	-3.37e-003	0.22	-1.39	-0.44
576	411	1.08e-002	-1.52	-2.19e-002	-8.54e-002	-1.70	-0.29
	433	1.08e-002	-1.51	-6.87e-003	-0.51	-1.52	-0.28
	434	7.69e-003	-1.51	4.63e-003	-0.55	-2.10	-0.42
	413	7.69e-003	-1.52	-1.04e-002	-1.33e-002	-1.74	-0.43
577	409	4.94e-003	-1.65	-4.41e-002	0.63	-1.03	-8.90e-002
	432	4.94e-003	-1.61	-2.19e-002	-0.13	-2.35	-0.37
	433	1.08e-002	-1.61	-9.95e-003	-0.18	-0.53	-0.55
	411	1.08e-002	-1.65	-3.21e-002	-0.19	-1.62	-0.27
578	407	7.37e-003	-1.78	-3.98e-002	2.01	0.18	0.35
	431	7.37e-003	-1.68	-6.58e-003	1.38	-2.14	-0.32
	432	4.94e-003	-1.68	-2.11e-002	1.08	1.11	-0.59
	409	4.94e-003	-1.78	-5.43e-002	0.23	-0.87	8.50e-002
579	405	-0.10	-1.93	-6.77e-002	2.64	2.03	0.38
	430	-0.10	-1.73	-4.94e-002	5.52	2.59	-0.72

	431	7.37e-003	-1.73	-1.46e-002	3.12	0.84	-0.33
	407	7.37e-003	-1.93	-3.29e-002	1.63	0.90	0.77
580	305	-5.92e-002	-1.90	0.19	0.48	0.24	-1.47
	284	-5.92e-002	-1.84	7.21e-002	6.59	9.74	-1.07
	430	-0.10	-1.84	-4.58e-002	4.41	-5.45	0.60
	405	-0.10	-1.90	7.42e-002	3.92	1.90	0.20
581	428	2.38e-002	-0.59	2.57e-002	-4.79e-002	-0.47	-0.14
	427	2.38e-002	-0.56	1.74e-002	-0.13	-0.88	1.49e-002
	429	-5.73e-003	-0.56	2.84e-002	0.28	-0.22	-0.13
	367	-5.73e-003	-0.59	3.67e-002	-4.99e-002	-0.41	-0.28
582	426	-3.38e-003	-0.70	6.15e-003	3.67e-002	-0.57	6.17e-002
	425	-3.38e-003	-0.68	9.88e-003	-0.15	-0.80	8.29e-003
	427	2.38e-002	-0.68	1.14e-002	-3.61e-002	-0.35	-3.36e-002
	428	2.38e-002	-0.70	7.64e-003	-0.22	-0.52	1.98e-002
583	424	-1.11e-004	-0.81	1.55e-002	3.70e-002	-0.53	-2.36e-002
	423	-1.11e-004	-0.79	6.46e-003	-8.59e-002	-0.76	-3.87e-002
	425	-3.38e-003	-0.79	6.38e-003	-1.05e-002	-0.31	8.88e-003
	426	-3.38e-003	-0.81	1.55e-002	-7.88e-002	-0.60	2.41e-002
584	422	-1.64e-003	-0.93	1.69e-002	4.39e-002	-0.71	-7.84e-002
	421	-1.64e-003	-0.91	5.91e-003	-5.43e-002	-0.93	-9.37e-002
	423	-1.11e-004	-0.91	5.06e-003	-1.49e-003	-0.38	-5.76e-002
	424	-1.11e-004	-0.93	1.61e-002	-4.95e-002	-0.66	-4.23e-002
585	420	6.12e-003	-1.03	2.32e-002	0.10	-0.98	-0.10
	419	6.12e-003	-1.03	6.47e-004	-3.65e-002	-1.14	-0.13
	421	-1.64e-003	-1.03	2.54e-003	1.79e-002	-0.66	-0.10
	422	-1.64e-003	-1.03	2.51e-002	-2.84e-002	-0.86	-7.14e-002
586	418	-1.75e-004	-1.17	1.82e-002	4.69e-002	-1.12	-0.17
	417	-1.75e-004	-1.15	-1.02e-003	-4.37e-002	-1.30	-0.16
	419	6.12e-003	-1.15	-1.14e-003	2.81e-002	-0.86	-0.12
	420	6.12e-003	-1.17	1.81e-002	1.73e-002	-1.09	-0.14
587	416	-3.19e-004	-1.29	1.53e-002	2.86e-002	-1.32	-0.20
	415	-3.19e-004	-1.28	-1.24e-003	-7.14e-002	-1.45	-0.20
	417	-1.75e-004	-1.28	2.76e-004	7.70e-003	-1.03	-0.16
	418	-1.75e-004	-1.29	1.69e-002	-3.59e-002	-1.21	-0.17
588	414	-7.52e-003	-1.41	1.88e-002	2.03e-002	-1.60	-0.25
	413	-7.52e-003	-1.40	-6.84e-004	-7.76e-002	-1.69	-0.26
	415	-3.19e-004	-1.40	-3.59e-003	-3.41e-002	-1.29	-0.21
	416	-3.19e-004	-1.41	1.59e-002	-3.13e-002	-1.44	-0.21
589	412	3.82e-002	-1.52	3.91e-002	0.14	-1.68	-0.22
	411	3.82e-002	-1.52	-1.93e-002	8.51e-002	-1.65	-0.31
	413	-7.52e-003	-1.52	-1.23e-002	-5.13e-002	-1.71	-0.29
	414	-7.52e-003	-1.52	4.61e-002	3.57e-002	-1.71	-0.20
590	410	-6.89e-003	-1.70	-1.71e-003	-3.12e-002	-0.69	-0.11
	409	-6.89e-003	-1.65	-3.91e-002	0.50	-0.87	-0.16
	411	3.82e-002	-1.65	-2.96e-002	8.85e-002	-1.66	-0.31
	412	3.82e-002	-1.70	7.80e-003	0.24	-1.61	-0.26
591	408	-1.48e-003	-1.90	2.87e-002	0.12	0.89	0.60
	407	-1.48e-003	-1.78	-3.73e-002	1.07	0.41	0.41
	409	-6.89e-003	-1.78	-4.93e-002	0.48	-0.88	-0.11
	410	-6.89e-003	-1.90	1.68e-002	0.21	-0.56	7.68e-002
592	406	5.23e-002	-2.10	9.98e-003	0.58	1.85	1.18
	405	5.23e-002	-1.93	-5.16e-002	1.28	1.60	1.03
	407	-1.48e-003	-1.93	-3.05e-002	1.31	1.11	0.64
	408	-1.48e-003	-2.10	3.12e-002	0.14	1.44	0.80
593	293	-0.12	-2.62	-0.30	1.29	-3.60	0.16
	305	-0.12	-1.90	8.53e-002	1.90	-1.26	-0.28
	405	5.23e-002	-1.90	9.02e-002	1.93	2.08	0.86
	406	5.23e-002	-2.62	-0.30	8.50e-002	2.71	1.30
594	390	2.31e-002	-0.59	-1.03e-002	0.27	0.67	-7.11e-002
	404	2.31e-002	-0.60	-3.22e-002	0.36	0.94	-0.16

	366	-8.18e-003	-0.60	-5.24e-002	0.12	2.71	8.66e-002
	392	-8.18e-003	-0.59	-3.06e-002	0.28	2.62	0.17
595	388	-1.79e-003	-0.72	-8.52e-003	4.24e-002	3.05e-002	-0.33
	403	-1.79e-003	-0.72	-1.94e-002	8.67e-002	9.30e-002	-0.18
	404	2.31e-002	-0.72	-1.43e-002	0.18	0.70	-0.12
	390	2.31e-002	-0.72	-3.41e-003	0.33	0.67	-0.27
596	386	-2.87e-004	-0.84	-5.89e-003	-2.52e-002	-0.49	-0.23
	402	-2.87e-004	-0.82	-1.44e-002	-5.11e-003	-0.51	-0.22
	403	-1.79e-003	-0.82	-1.79e-002	-2.87e-002	8.11e-003	-0.25
	388	-1.79e-003	-0.84	-9.40e-003	2.85e-002	3.99e-002	-0.26
597	384	-3.45e-003	-0.96	-7.91e-003	-9.36e-003	-1.32	-0.20
	401	-3.45e-003	-0.92	-1.87e-002	5.40e-003	-1.25	-0.23
	402	-2.87e-004	-0.92	-1.51e-002	-5.57e-003	-0.79	-0.22
	386	-2.87e-004	-0.96	-4.25e-003	-5.90e-002	-0.74	-0.19
598	382	6.09e-003	-1.09	7.42e-003	-0.11	-1.56	-0.31
	400	6.09e-003	-1.02	-2.76e-002	2.83e-002	-1.57	-0.29
	401	-3.45e-003	-1.02	-3.51e-002	1.32e-002	-1.44	-0.25
	384	-3.45e-003	-1.09	-7.95e-005	-3.91e-002	-1.51	-0.27
599	380	1.52e-003	-1.21	3.74e-003	-0.12	-1.34	-0.20
	399	1.52e-003	-1.18	-2.79e-002	-2.95e-002	-1.50	-0.19
	400	6.09e-003	-1.18	-2.24e-002	-4.22e-002	-1.40	-0.29
	382	6.09e-003	-1.21	9.23e-003	-5.91e-002	-1.40	-0.31
600	378	-4.14e-004	-1.34	2.14e-003	-8.78e-002	-1.86	-2.06e-002
	398	-4.14e-004	-1.29	-1.45e-002	-3.97e-002	-1.95	-3.35e-002
	399	1.52e-003	-1.29	-1.83e-002	-1.87e-002	-1.59	-0.14
	380	1.52e-003	-1.34	-1.70e-003	-0.14	-1.52	-0.13
601	376	-8.86e-003	-1.47	-1.39e-004	-7.80e-002	-2.52	9.83e-003
	397	-8.86e-003	-1.41	-2.00e-002	-3.85e-002	-2.53	4.47e-004
	398	-4.14e-004	-1.41	-1.53e-002	8.03e-003	-2.20	-1.01e-002
	378	-4.14e-004	-1.47	4.54e-003	-0.15	-2.20	-7.33e-004
602	374	3.79e-002	-1.60	2.54e-002	-0.14	-2.26	-0.17
	396	3.79e-002	-1.51	-4.16e-002	-9.41e-002	-2.24	-0.13
	397	-8.86e-003	-1.51	-5.23e-002	3.15e-002	-2.64	-1.85e-002
	376	-8.86e-003	-1.60	1.46e-002	-0.16	-2.78	-5.98e-002
603	372	-5.53e-003	-1.73	4.25e-002	6.44e-002	-0.66	-0.26
	395	-5.53e-003	-1.72	-3.85e-003	-8.47e-002	-0.89	-0.31
	396	3.79e-002	-1.72	-1.02e-002	-4.28e-002	-1.79	-0.25
	374	3.79e-002	-1.73	3.61e-002	-0.13	-2.11	-0.20
604	370	-6.27e-005	-1.86	3.86e-002	0.29	0.81	-0.35
	394	-6.27e-005	-1.92	-2.74e-002	2.14e-002	0.67	-0.42
	395	-5.53e-003	-1.92	-1.68e-002	9.06e-002	-0.43	-0.33
	372	-5.53e-003	-1.86	4.92e-002	5.20e-002	-0.70	-0.26
605	368	5.12e-002	-2.01	4.78e-002	0.36	1.41	-0.23
	393	5.12e-002	-2.11	-1.09e-002	0.18	1.07	-0.27
	394	-6.27e-005	-2.11	-2.94e-002	1.88e-002	1.25	-0.41
	370	-6.27e-005	-2.01	2.93e-002	0.41	1.11	-0.36
606	298	-0.11	-2.00	-8.80e-002	0.63	-2.02	0.78
	292	-0.11	-2.61	0.29	-4.44e-002	-3.30	0.73
	393	5.12e-002	-2.61	0.28	-8.07e-002	1.23	-5.70e-002
	368	5.12e-002	-2.00	-9.13e-002	0.53	1.13	-5.31e-003
607	391	6.87e-003	-0.57	-1.57e-003	-0.26	1.06	-0.31
	390	6.87e-003	-0.59	-1.38e-002	0.21	0.52	-6.48e-002
	392	6.92e-003	-0.59	-2.59e-002	0.67	2.49	0.38
	363	6.92e-003	-0.57	-1.36e-002	4.62e-002	1.38	0.13
608	389	-8.97e-004	-0.73	7.25e-004	-3.87e-003	0.57	-0.24
	388	-8.97e-004	-0.72	-5.87e-003	-7.73e-002	0.12	-0.27
	390	6.87e-003	-0.72	-6.88e-003	0.15	0.54	-0.27
	391	6.87e-003	-0.73	-2.83e-004	-0.32	9.02e-002	-0.24
609	387	-1.68e-004	-0.86	1.04e-003	0.10	7.32e-003	-0.18
	386	-1.68e-004	-0.84	-6.51e-003	-0.20	-0.43	-0.17

	388	-8.97e-004	-0.84	-6.74e-003	6.64e-002	2.03e-002	-0.23
	389	-8.97e-004	-0.86	8.08e-004	-0.13	-0.34	-0.25
610	385	4.87e-003	-1.00	-2.24e-003	-0.23	-1.24	-0.28
	384	4.87e-003	-0.96	-6.98e-003	-0.13	-1.37	-0.21
	386	-1.68e-004	-0.96	-4.87e-003	3.27e-002	-0.74	-0.13
	387	-1.68e-004	-1.00	-1.37e-004	-0.18	-0.98	-0.20
611	383	1.70e-003	-1.14	1.47e-003	-0.43	-2.01	-0.41
	382	1.70e-003	-1.09	5.39e-003	7.86e-002	-1.62	-0.42
	384	4.87e-003	-1.09	8.53e-004	-0.10	-1.55	-0.26
	385	4.87e-003	-1.14	-3.07e-003	-0.27	-1.36	-0.26
612	381	-3.11e-003	-1.26	7.07e-004	-0.13	-1.63	-0.21
	380	-3.11e-003	-1.21	5.76e-003	-5.29e-002	-1.31	-0.24
	382	1.70e-003	-1.21	7.20e-003	-0.32	-1.34	-0.42
	383	1.70e-003	-1.26	2.14e-003	2.71e-002	-0.79	-0.38
613	379	-2.65e-004	-1.39	4.02e-003	-0.12	-1.91	-9.12e-002
	378	-2.65e-004	-1.34	2.75e-003	-0.18	-1.86	-4.29e-002
	380	-3.11e-003	-1.34	3.18e-004	-0.13	-1.45	-0.16
	381	-3.11e-003	-1.39	1.58e-003	-1.56e-002	-1.24	-0.21
614	377	9.04e-003	-1.52	-3.18e-003	-0.63	-2.83	-0.23
	376	9.04e-003	-1.47	-3.93e-004	-0.23	-2.61	-8.23e-002
	378	-2.65e-004	-1.47	5.15e-003	-0.14	-2.16	2.11e-003
	379	-2.65e-004	-1.52	2.36e-003	-0.26	-2.05	-0.14
615	375	1.04e-002	-1.65	8.19e-003	-1.20	-3.64	-0.45
	374	1.04e-002	-1.60	2.64e-002	0.10	-2.45	-0.40
	376	9.04e-003	-1.60	1.44e-002	-0.40	-2.78	-0.14
	377	9.04e-003	-1.65	-3.84e-003	-0.55	-1.93	-0.19
616	373	2.99e-003	-1.74	2.27e-002	-0.66	-2.76	-0.27
	372	2.99e-003	-1.73	4.84e-002	0.41	-0.80	-0.48
	374	1.04e-002	-1.73	3.71e-002	-0.73	-1.99	-0.49
	375	1.04e-002	-1.74	1.14e-002	-0.18	-2.70e-002	-0.27
617	371	7.47e-003	-1.81	1.03e-002	0.32	-1.60	-0.18
	370	7.47e-003	-1.86	4.19e-002	1.16	0.67	-0.56
	372	2.99e-003	-1.86	5.51e-002	-0.35	-0.59	-0.54
	373	2.99e-003	-1.81	2.35e-002	0.63	1.64	-0.15
618	369	-9.39e-002	-1.86	5.27e-002	2.81	0.80	0.43
	368	-9.39e-002	-2.01	6.49e-002	1.35	1.66	-0.16
	370	7.47e-003	-2.01	3.27e-002	0.30	1.20	-0.62
	371	7.47e-003	-1.86	2.05e-002	2.01	2.65	-2.44e-002
619	289	-5.37e-002	-2.00	-6.36e-002	2.93	2.77	0.74
	298	-5.37e-002	-2.00	-0.19	-0.14	-1.31	1.21
	368	-9.39e-002	-2.00	-7.42e-002	1.51	1.27	0.16
	369	-9.39e-002	-2.00	4.92e-002	2.73	-1.47	-0.30
620	353	1.30e-003	-2.24	-5.91e-002	-3.13	-18.24	-3.12
	297	1.30e-003	-2.29	-5.63e-002	-1.85	-14.57	-1.58
	289	3.23e-003	-2.29	-4.45e-002	-2.58	-11.12	-2.86
	355	3.23e-003	-2.24	-4.73e-002	3.57	-6.12	-4.40
621	351	6.79e-003	-2.45	-3.66e-002	0.20	-35.31	0.35
	295	6.79e-003	-2.65	-3.31e-002	-10.76	-40.92	1.86
	297	1.30e-003	-2.65	-5.22e-002	-3.83	-21.07	-1.38
	353	1.30e-003	-2.45	-5.57e-002	-0.87	-23.32	-2.89
622	281	3.90e-002	-2.62	8.31e-003	1.34	-21.77	6.45
	201	3.90e-002	-2.85	3.95e-002	-5.54	-28.48	5.54
	295	6.79e-003	-2.85	-8.92e-003	-5.59	-27.52	2.12
	351	6.79e-003	-2.62	-4.01e-002	-3.36	-31.62	3.03
623	354	-9.31e-004	-2.14	4.16e-002	-0.40	-17.84	-2.06
	353	-9.31e-004	-2.24	-1.45e-002	4.83e-002	-17.46	-3.18
	355	2.21e-002	-2.24	-2.32e-002	-2.11	-6.27	-3.46
	288	2.21e-002	-2.14	3.29e-002	-0.83	-5.41	-2.33
624	352	-4.51e-003	-2.18	2.58e-002	3.86e-002	-28.15	0.70
	351	-4.51e-003	-2.45	-2.48e-002	0.68	-32.69	-8.03e-002

	353	-9.31e-004	-2.45	-1.11e-002	-1.19	-23.61	-2.73
	354	-9.31e-004	-2.18	3.95e-002	0.11	-23.54	-1.95
625	200	8.12e-003	-2.33	2.51e-002	1.74	-16.44	5.57
	281	8.12e-003	-2.62	-1.65e-002	0.34	-19.97	5.00
	351	-4.51e-003	-2.62	-2.83e-002	0.30	-31.37	1.74
	352	-4.51e-003	-2.33	1.33e-002	2.23e-002	-30.72	2.31
626	347	-2.51e-003	-2.10	1.50e-002	-0.23	-1.35	2.13
	350	-2.51e-003	-2.12	-9.64e-003	5.00e-002	-1.47	2.51
	283	2.06e-002	-2.12	-1.12e-002	0.82	-2.17	1.97
	348	2.06e-002	-2.10	1.34e-002	-0.12	-1.36	1.59
627	346	-3.42e-003	-2.22	2.74e-002	-0.58	-0.99	2.69
	349	-3.42e-003	-2.25	-1.58e-002	-2.72e-002	-1.49	2.80
	350	-2.51e-003	-2.25	-2.36e-002	-1.86e-002	-1.34	2.40
	347	-2.51e-003	-2.22	1.96e-002	-0.35	-1.15	2.30
628	271	1.04e-002	-2.36	1.18e-002	-0.66	-1.65	3.28
	195	1.04e-002	-2.42	-3.66e-002	-0.10	-2.00	3.31
	349	-3.42e-003	-2.42	-1.43e-002	-6.43e-002	-1.40	2.92
	346	-3.42e-003	-2.36	3.41e-002	-0.59	-1.24	2.88
629	345	3.58e-003	-2.10	6.68e-003	-0.37	-0.11	2.23
	347	3.58e-003	-2.10	1.90e-002	-0.51	-1.06	2.15
	348	5.15e-003	-2.10	1.44e-002	0.16	-1.44	1.84
	282	5.15e-003	-2.10	2.00e-003	-1.33	-2.07	1.91
630	344	-2.24e-004	-2.20	9.35e-003	-0.36	-7.38e-002	2.67
	346	-2.24e-004	-2.22	2.48e-002	-0.69	-0.77	2.65
	347	3.58e-003	-2.22	2.37e-002	-0.16	-1.19	2.35
	345	3.58e-003	-2.20	8.21e-003	-0.98	-1.58	2.38
631	194	4.02e-002	-2.33	6.81e-005	-1.80	-1.25	2.87
	271	4.02e-002	-2.36	2.77e-002	-1.36	-1.58	3.14
	346	-2.24e-004	-2.36	3.14e-002	-0.64	-1.17	2.93
	344	-2.24e-004	-2.33	3.84e-003	-1.11	-1.34	2.66
632	342	-2.98e-003	-2.07	1.17e-002	-0.87	0.67	1.98
	345	-2.98e-003	-2.10	2.94e-003	-0.70	0.71	2.02
	282	-1.90e-003	-2.10	-5.65e-004	-0.76	-0.35	1.68
	343	-1.90e-003	-2.07	8.19e-003	-0.71	0.17	1.64
633	341	-5.42e-003	-2.17	1.67e-002	-1.49	1.50	2.21
	344	-5.42e-003	-2.20	4.14e-003	-0.51	2.20	2.33
	345	-2.98e-003	-2.20	3.60e-003	-0.79	0.17	2.21
	342	-2.98e-003	-2.17	1.62e-002	-0.88	1.04	2.09
634	264	-7.47e-003	-2.29	3.57e-002	-1.36	0.34	2.32
	194	-7.47e-003	-2.33	1.74e-002	-1.96	0.23	2.62
	344	-5.42e-003	-2.33	5.84e-003	-0.92	1.73	2.41
	341	-5.42e-003	-2.29	2.41e-002	-1.27	1.83	2.12
635	340	-4.83e-003	-2.04	3.77e-003	-9.99e-001	0.97	1.82
	342	-4.83e-003	-2.07	9.12e-003	-0.97	0.71	1.99
	343	-4.44e-003	-2.07	7.55e-003	-0.63	0.38	1.60
	290	-4.44e-003	-2.04	2.19e-003	-0.86	0.67	1.43
636	339	-6.76e-003	-2.14	6.42e-003	-1.56	1.49	2.07
	341	-6.76e-003	-2.17	1.55e-002	-1.19	1.41	2.26
	342	-4.83e-003	-2.17	1.36e-002	-0.94	1.15	2.11
	340	-4.83e-003	-2.14	4.51e-003	-1.26	1.29	1.91
637	202	-1.53e-002	-2.25	1.24e-002	-1.29	1.41	2.70
	264	-1.53e-002	-2.29	2.83e-002	-1.19	0.59	2.65
	341	-6.76e-003	-2.29	2.29e-002	-1.27	1.79	2.15
	339	-6.76e-003	-2.25	7.07e-003	-1.42	1.49	2.21
638	337	-7.56e-003	-2.01	4.08e-003	-1.20	1.29	1.50
	340	-7.56e-003	-2.04	2.45e-003	-1.13	1.04	1.72
	290	-5.53e-003	-2.04	2.13e-003	-0.78	0.84	1.39
	338	-5.53e-003	-2.01	3.76e-003	-0.98	1.11	1.16
639	336	-1.11e-002	-2.11	5.59e-003	-1.83	1.70	1.84
	339	-1.11e-002	-2.14	4.68e-003	-1.25	1.53	2.05

	340	-7.56e-003	-2.14	3.19e-003	-1.17	1.33	1.80
	337	-7.56e-003	-2.11	4.11e-003	-1.37	1.55	1.59
640	257	-1.52e-002	-2.23	3.41e-003	-2.03	2.15	2.59
	202	-1.52e-002	-2.25	4.13e-003	-1.55	1.62	2.67
	339	-1.11e-002	-2.25	5.33e-003	-1.56	1.57	2.11
	336	-1.11e-002	-2.23	4.61e-003	-1.73	1.69	2.03
641	334	-7.15e-003	-1.99	-1.88e-003	-1.38	1.59	1.14
	337	-7.15e-003	-2.01	2.01e-003	-1.28	1.38	1.39
	338	-5.40e-003	-2.01	2.80e-003	-0.95	1.23	1.11
	335	-5.40e-003	-1.99	-1.09e-003	-1.08	1.45	0.86
642	333	-9.84e-003	-2.09	-4.03e-003	-2.05	1.98	1.49
	336	-9.84e-003	-2.11	1.77e-003	-1.55	1.77	1.76
	337	-7.15e-003	-2.11	2.03e-003	-1.38	1.62	1.49
	334	-7.15e-003	-2.09	-3.77e-003	-1.53	1.83	1.22
643	253	-1.21e-002	-2.21	-1.12e-002	-2.80	2.45	2.02
	257	-1.21e-002	-2.23	-3.42e-003	-2.32	2.26	2.32
	336	-9.84e-003	-2.23	7.88e-004	-1.93	1.85	1.93
	333	-9.84e-003	-2.21	-7.00e-003	-2.15	2.11	1.63
644	332	-5.67e-003	-1.97	-2.36e-003	-1.44	1.85	0.73
	334	-5.67e-003	-1.99	-3.87e-003	-1.42	1.67	1.01
	335	-4.27e-003	-1.99	-2.40e-003	-1.05	1.55	0.80
	291	-4.27e-003	-1.97	-8.82e-004	-1.09	1.69	0.52
645	331	-7.46e-003	-2.07	-5.17e-003	-2.14	2.18	0.98
	333	-7.46e-003	-2.09	-7.06e-003	-1.92	2.04	1.33
	334	-5.67e-003	-2.09	-5.76e-003	-1.56	1.91	1.13
	332	-5.67e-003	-2.07	-3.88e-003	-1.62	2.08	0.78
646	203	-7.26e-003	-2.19	-1.24e-002	-3.30	2.50	1.21
	253	-7.26e-003	-2.21	-1.49e-002	-2.98	2.48	1.67
	333	-7.46e-003	-2.21	-1.00e-002	-2.28	2.23	1.48
	331	-7.46e-003	-2.19	-7.55e-003	-2.42	2.43	1.03
647	329	-2.78e-003	-1.95	-9.66e-003	-1.40	1.72	0.27
	332	-2.78e-003	-1.97	-3.43e-003	-1.36	1.91	0.53
	291	-2.63e-003	-1.97	-1.82e-003	-1.11	1.75	0.42
	330	-2.63e-003	-1.95	-8.05e-003	-0.92	2.09	0.17
648	328	-3.51e-003	-2.05	-1.35e-002	-2.00	2.02	0.43
	331	-3.51e-003	-2.07	-6.27e-003	-2.04	2.24	0.75
	332	-2.78e-003	-2.07	-4.96e-003	-1.67	2.14	0.63
	329	-2.78e-003	-2.05	-1.22e-002	-1.46	2.52	0.31
649	246	-4.41e-003	-2.18	-2.06e-002	-3.49	2.58	0.34
	203	-4.41e-003	-2.19	-1.28e-002	-3.37	2.52	0.85
	331	-3.51e-003	-2.19	-8.65e-003	-2.46	2.45	0.82
	328	-3.51e-003	-2.18	-1.65e-002	-2.45	2.42	0.31
650	327	-1.52e-003	-1.93	-3.02e-003	-0.60	3.77	0.17
	329	-1.52e-003	-1.95	-1.14e-002	-1.62	1.91	0.42
	330	-1.09e-003	-1.95	-1.04e-002	-0.45	1.96	0.39
	287	-1.09e-003	-1.93	-1.99e-003	-1.07	0.13	0.15
651	326	-2.73e-003	-2.03	-3.78e-003	-0.90	4.36	0.13
	328	-2.73e-003	-2.05	-1.52e-002	-2.84	2.21	0.53
	329	-1.52e-003	-2.05	-1.40e-002	-1.04	2.44	0.53
	327	-1.52e-003	-2.03	-2.51e-003	-1.57	0.28	0.13
652	199	-4.74e-004	-2.16	-4.70e-003	-2.46	4.44	-0.14
	246	-4.74e-004	-2.18	-2.03e-002	-3.55	2.80	0.18
	328	-2.73e-003	-2.18	-1.82e-002	-2.08	2.15	0.39
	326	-2.73e-003	-2.16	-2.67e-003	-2.73	0.30	7.79e-002
653	323	-5.96e-004	-2.00	-1.39e-002	-0.87	0.76	-0.64
	327	-5.96e-004	-1.93	-1.10e-002	-0.90	1.46	-0.32
	287	4.80e-004	-1.93	-9.32e-003	-0.63	0.48	-0.20
	325	4.80e-004	-2.00	-1.21e-002	-0.55	0.94	-0.53
654	321	-2.06e-003	-2.11	-1.12e-002	-1.21	0.56	-1.10
	326	-2.06e-003	-2.03	-1.02e-002	-1.73	1.62	-0.59

	327	-5.96e-004	-2.03	-1.18e-002	-1.07	0.57	-0.25
	323	-5.96e-004	-2.11	-1.28e-002	-0.94	0.88	-0.76
655	239	1.03e-003	-2.24	-8.56e-003	-2.60	-5.58e-002	-1.87
	199	1.03e-003	-2.16	-1.11e-002	-2.68	1.35	-1.13
	326	-2.06e-003	-2.16	-1.24e-002	-2.06	0.19	-0.61
	321	-2.06e-003	-2.24	-9.82e-003	-1.39	0.75	-1.36
656	324	2.79e-004	-2.07	3.86e-003	-0.15	0.42	-0.86
	323	2.79e-004	-2.00	-1.29e-002	-0.61	0.73	-0.75
	325	3.48e-003	-2.00	-1.15e-002	-0.41	0.85	-0.49
	286	3.48e-003	-2.07	5.27e-003	-0.14	0.58	-0.60
657	322	-7.01e-003	-2.19	3.35e-003	-2.76e-002	-3.62e-002	-1.37
	321	-7.01e-003	-2.11	-1.06e-002	-1.12	0.48	-1.23
	323	2.79e-004	-2.11	-1.18e-002	-0.65	0.73	-0.79
	324	2.79e-004	-2.19	2.13e-003	-0.24	0.27	-0.93
658	198	3.00e-003	-2.33	1.22e-002	-0.48	-0.82	-2.30
	239	3.00e-003	-2.24	-7.76e-003	-1.45	-0.13	-2.08
	321	-7.01e-003	-2.24	-9.25e-003	-1.09	0.48	-1.38
	322	-7.01e-003	-2.33	1.07e-002	-0.30	2.66e-002	-1.60
659	317	-4.18e-003	-2.06	-2.22e-002	2.62	-12.10	3.91
	320	-4.18e-003	-1.98	-7.22e-003	0.50	-10.58	1.78
	285	1.05e-002	-1.98	-7.80e-003	0.34	-3.22	2.28
	318	1.05e-002	-2.06	-2.27e-002	-1.08	-2.80	4.41
660	316	-2.21e-002	-2.19	-9.31e-003	4.22	-20.06	-1.25
	319	-2.21e-002	-2.03	-3.77e-003	0.77	-15.87	-2.22
	320	-4.18e-003	-2.03	-8.33e-003	1.49	-13.27	1.49
	317	-4.18e-003	-2.19	-1.39e-002	1.76	-17.26	2.46
661	229	-2.51e-003	-2.33	2.87e-002	0.91	-6.14	-8.36
	197	-2.51e-003	-2.16	-5.11e-003	8.11e-002	-6.42	-6.68
	319	-2.21e-002	-2.16	-1.76e-002	1.79	-15.07	-3.08
	316	-2.21e-002	-2.33	1.63e-002	3.32	-21.22	-4.76
662	307	-2.73e-003	-2.11	6.96e-002	-1.65	-12.53	3.03
	317	-2.73e-003	-2.06	8.23e-003	1.03	-13.83	3.80
	318	2.64e-003	-2.06	1.54e-003	-0.40	-1.87	5.07
	284	2.64e-003	-2.11	6.29e-002	1.17	-5.96	4.30
663	306	-2.72e-003	-2.45	4.03e-002	-7.06	-35.22	-2.26
	316	-2.72e-003	-2.19	3.67e-004	4.74	-23.34	-2.55
	317	-2.73e-003	-2.19	1.65e-002	1.88	-18.51	2.55
	307	-2.73e-003	-2.45	5.64e-002	-4.73	-17.87	2.84
664	196	-9.54e-004	-2.60	-2.59e-002	-4.83	-19.02	-9.83
	229	-9.54e-004	-2.33	-1.22e-003	4.12	-7.76	-10.49
	316	-2.72e-003	-2.33	2.59e-002	3.98	-23.77	-5.16
	306	-2.72e-003	-2.60	1.25e-003	-6.33	-21.21	-4.49
665	314	-0.18	-0.19	-5.73e-002	2.71	-5.61	-2.14
	304	-0.18	-1.30	-0.26	2.22	-4.23	-2.35
	293	3.25e-002	-1.37	-0.53	2.91	-3.65	-3.04
	315	3.25e-002	-0.19	-0.34	1.42	-1.36	-2.89
666	313	-5.16e-002	-0.49	0.14	3.74	-7.56	-2.04
	302	-5.16e-002	-1.17	0.20	2.99	-7.61	-2.64
	304	-0.18	-1.17	1.93e-002	2.20	-6.56	-2.72
	314	-0.18	-0.49	-4.20e-002	2.99	-6.48	-2.12
667	312	1.17	-0.17	0.25	2.70	-2.90	-1.46
	205	1.17	-1.45	0.73	4.21	-4.33	-1.57
	302	-5.16e-002	-1.45	0.59	2.74	-8.18	-2.41
	313	-5.16e-002	-0.17	0.11	3.81	-8.64	-2.30
668	310	-0.40	-0.19	4.37e-004	2.64	-5.34	-0.36
	314	-0.40	-0.19	-2.70e-002	2.74	-5.28	-1.91
	315	0.47	-0.19	-1.73e-002	1.01	-1.49	-1.82
	311	0.47	-0.19	1.01e-002	0.42	-1.57	-0.27
669	309	-0.37	-0.48	1.94e-002	4.97	-7.79	-1.24
	313	-0.37	-0.49	1.06e-002	3.66	-7.52	-2.12

	314	-0.40	-0.49	-1.17e-002	3.37	-6.56	-1.66
	310	-0.40	-0.48	-2.97e-003	3.01	-7.01	-0.78
670	308	1.61	-0.17	4.54e-002	3.69	-3.14	-3.68
	312	1.61	-0.17	-2.57e-002	2.55	-2.92	-3.21
	313	-0.37	-0.17	-1.27e-002	4.06	-8.73	-1.97
	309	-0.37	-0.17	5.84e-002	3.80	-9.94	-2.44
671	300	-0.19	-1.32	0.26	1.64	-5.30	0.85
	310	-0.19	-0.19	4.64e-002	2.11	-5.68	-5.78e-002
	311	0.11	-0.19	0.31	0.46	-1.68	0.75
	292	0.11	-1.38	0.51	0.51	-3.43	1.87
672	299	-8.34e-002	-1.20	-0.19	4.22	-9.69	-0.47
	309	-8.34e-002	-0.48	-0.13	2.81	-8.26	-1.46
	310	-0.19	-0.48	4.30e-002	2.89	-7.14	-0.19
	300	-0.19	-1.20	-1.85e-002	1.63	-7.69	0.80
673	204	1.30	-1.43	-0.68	7.53	-10.10	-5.55
	308	1.30	-0.17	-0.19	3.43	-4.08	-6.42
	309	-8.34e-002	-0.17	-9.45e-002	4.36	-10.64	-2.07
	299	-8.34e-002	-1.43	-0.58	3.61	-9.65	-1.21
674	303	4.59e-002	-1.92	0.24	-4.28	-4.95	-4.19
	307	4.59e-002	-2.11	6.19e-002	0.89	12.09	-1.34
	284	-5.92e-002	-2.11	8.57e-002	-0.39	-14.99	0.14
	305	-5.92e-002	-1.92	0.26	5.11	-3.72e-002	-2.71
675	301	0.16	-1.90	0.20	-4.46	-8.84	-3.57
	306	0.16	-2.45	0.14	-7.29	1.79	-1.65
	307	4.59e-002	-2.45	8.11e-002	-7.88	-17.28	-2.35
	303	4.59e-002	-1.90	0.14	1.58	-5.68	-4.26
676	222	8.98e-003	-2.32	-0.25	9.01e-002	-5.86	-2.50
	196	8.98e-003	-2.60	-0.12	-4.65	-8.72	-4.13
	306	0.16	-2.60	0.11	-8.15	-5.94	-4.79
	301	0.16	-2.32	-1.96e-002	-2.65	-8.11	-3.17
677	304	-8.76e-002	-1.29	-0.21	1.81	-4.37	-2.57
	303	-8.76e-002	-1.92	0.18	-0.22	-5.97	-2.12
	305	-0.12	-1.92	0.16	1.71	0.20	-0.98
	293	-0.12	-1.30	-0.24	1.26	-3.22	-1.49
678	302	-6.22e-002	-1.17	0.24	2.05	-8.05	-2.81
	301	-6.22e-002	-1.90	0.26	-1.05	-8.89	-2.73
	303	-8.76e-002	-1.90	8.47e-002	-0.33	-4.86	-2.32
	304	-8.76e-002	-1.17	5.82e-002	1.57	-6.27	-2.41
679	205	-4.43e-002	-1.45	0.47	2.93	-4.69	-1.92
	222	-4.43e-002	-2.32	-0.11	0.63	-5.38	-2.54
	301	-6.22e-002	-2.32	4.82e-002	-1.03	-7.93	-2.84
	302	-6.22e-002	-1.45	0.63	2.21	-8.30	-2.22
680	296	-0.10	-2.02	-0.18	-0.45	-6.84	1.36
	300	-0.10	-1.31	0.22	0.91	-5.65	1.16
	292	-0.11	-1.31	0.24	0.18	-3.10	1.24
	298	-0.11	-2.02	-0.16	0.12	-1.86	1.24
681	294	-8.96e-002	-2.00	-0.28	7.89e-002	-11.46	0.53
	299	-8.96e-002	-1.20	-0.24	1.56	-10.59	0.19
	300	-0.10	-1.20	-5.23e-002	1.28	-7.61	0.81
	296	-0.10	-2.00	-8.77e-002	-0.61	-7.60	1.14
682	212	7.53e-003	-2.41	8.73e-002	2.30	-12.24	-1.58
	204	7.53e-003	-1.43	-0.46	5.20	-11.54	-2.64
	299	-8.96e-002	-1.43	-0.63	3.38	-10.08	-1.10
	294	-8.96e-002	-2.41	-8.19e-002	4.13e-002	-10.99	-4.27e-002
683	297	3.53e-002	-2.29	-5.25e-002	-0.93	1.99	0.78
	296	3.53e-002	-2.02	-0.23	-3.06	-6.68	2.62
	298	-5.37e-002	-2.02	-0.26	1.98	-1.86	1.82
	289	-5.37e-002	-2.29	-7.79e-002	-0.74	-9.42	-1.57e-002
684	295	0.14	-2.65	-0.15	-6.15	-6.12	9.38e-002
	294	0.14	-2.00	-0.21	-3.06	-11.89	1.27

	296	3.53e-002	-2.00	-0.14	0.39	-8.23	2.20
	297	3.53e-002	-2.65	-7.71e-002	-6.26	-15.32	1.03
685	201	2.02e-002	-2.85	0.10	-4.46	-14.40	0.86
	212	2.02e-002	-2.41	0.21	1.77	-12.83	-0.47
	294	0.14	-2.41	-1.38e-002	-1.37	-11.49	0.27
	295	0.14	-2.85	-0.13	-6.42	-10.69	1.60
687	279	3.38e-002	-2.69	-8.54e-002	1.96	11.99	6.32
	211	3.38e-002	-2.77	-1.52e-003	1.65	4.66	4.21
	201	3.90e-002	-2.77	4.44e-002	6.66	4.03	6.18
	281	3.90e-002	-2.69	-3.95e-002	-8.60	-6.28	8.28
688	277	3.10e-002	-2.73	-0.17	5.96	22.03	3.74
	209	3.10e-002	-2.62	-5.39e-002	5.02	16.46	2.57
	211	3.38e-002	-2.62	-1.07e-002	5.62	19.78	3.02
	279	3.38e-002	-2.73	-0.13	0.68	13.77	4.19
689	275	-0.21	-2.81	-0.21	10.70	28.85	3.77
	207	-0.21	-2.46	-0.11	12.12	24.17	1.87
	209	3.10e-002	-2.46	-8.47e-002	11.34	31.28	2.01
	277	3.10e-002	-2.81	-0.19	3.88	26.47	3.90
690	183	-4.33e-002	-2.68	0.22	7.51	34.18	-2.50
	176	-4.33e-002	-2.38	5.49e-002	18.32	46.68	-2.86
	207	-0.21	-2.38	-0.10	16.52	27.14	3.43
	275	-0.21	-2.68	6.54e-002	7.89	33.35	3.79
691	280	0.14	-2.44	6.73e-002	-0.65	6.90	4.41
	279	0.14	-2.69	-0.12	-0.32	8.87	6.51
	281	8.12e-003	-2.69	-6.43e-002	3.44	-5.20	7.56
	200	8.12e-003	-2.44	0.12	-1.11	-5.92	5.46
692	278	-1.92e-002	-2.84	-3.33e-002	-0.46	23.46	4.27
	277	-1.92e-002	-2.73	-0.15	2.62	22.66	3.62
	279	0.14	-2.73	-0.16	0.35	12.63	3.98
	280	0.14	-2.84	-5.20e-002	0.27	11.23	4.63
693	276	5.79e-002	-3.34	-2.36e-002	2.14	30.98	5.23
	275	5.79e-002	-2.81	-0.23	3.85	29.22	4.41
	277	-1.92e-002	-2.81	-0.16	3.41	25.94	3.64
	278	-1.92e-002	-3.34	4.16e-002	0.65	25.50	4.45
694	175	-2.40e-002	-4.40	-0.47	7.53	16.29	-0.82
	183	-2.40e-002	-2.68	0.13	3.39	29.76	-2.59
	275	5.79e-002	-2.68	4.95e-002	6.78	32.80	4.20
	276	5.79e-002	-4.40	-0.55	-7.46e-002	34.86	5.97
695	270	0.14	-2.51	0.12	-0.51	-1.52	3.46
	274	0.14	-2.47	-8.60e-002	-0.21	-2.20	3.48
	195	1.04e-002	-2.47	-0.14	0.24	-2.32	3.41
	271	1.04e-002	-2.51	6.01e-002	-0.94	-2.83	3.40
696	269	-2.17e-002	-2.62	0.15	-3.48e-002	-0.40	3.17
	273	-2.17e-002	-2.82	1.83e-002	-7.80e-003	0.24	3.01
	274	0.14	-2.82	3.47e-002	6.92e-002	-2.02	3.36
	270	0.14	-2.62	0.16	-0.50	-1.98	3.52
697	268	5.16e-002	-2.76	0.23	-0.93	3.62	2.55
	272	5.16e-002	-3.26	1.60e-002	-9.98e-001	3.95	3.35
	273	-2.17e-002	-3.26	-5.15e-002	-0.33	1.69	3.35
	269	-2.17e-002	-2.76	0.16	0.29	2.02	2.55
698	181	-2.22e-002	-2.68	-0.11	-8.89	1.60	-2.15e-002
	170	-2.22e-002	-4.31	0.47	-4.92	7.85	4.05
	272	5.16e-002	-4.31	0.54	-2.12	3.25	5.19
	268	5.16e-002	-2.68	-3.43e-002	-2.00	7.59	1.12
699	267	3.60e-002	-2.46	4.19e-002	-4.32	-7.40	2.79
	270	3.60e-002	-2.51	0.11	1.17	-2.12	2.56
	271	4.02e-002	-2.51	7.60e-002	-1.47	-2.75	3.24
	194	4.02e-002	-2.46	3.80e-003	-2.30	1.50	3.47
700	266	2.57e-002	-2.49	7.30e-002	-2.34	-8.78	2.39
	269	2.57e-002	-2.62	0.18	2.37	-1.45	2.05

	270	3.60e-002	-2.62	0.16	-1.41	-1.39	2.84
	267	3.60e-002	-2.49	4.96e-002	5.55e-002	5.15	3.18
701	265	-0.22	-2.42	0.14	2.95	-4.54	0.75
	268	-0.22	-2.76	0.24	0.82	3.12	0.63
	269	2.57e-002	-2.76	0.20	-1.92	2.43	1.81
	266	2.57e-002	-2.42	0.10	5.21	8.92	1.93
702	169	-3.43e-002	-2.45	-3.56e-002	-6.07	3.11	-4.43
	181	-3.43e-002	-2.68	-0.19	-8.14	1.85	-0.72
	268	-0.22	-2.68	-2.92e-002	-3.11	6.66	0.18
	265	-0.22	-2.45	0.13	3.74	4.51	-3.53
703	263	-6.72e-003	-2.38	5.00e-002	-0.72	0.84	4.50
	267	-6.72e-003	-2.46	3.58e-002	-2.63	-0.71	4.52
	194	-7.47e-003	-2.46	2.71e-002	-2.59	-2.08	2.94
	264	-7.47e-003	-2.38	4.14e-002	-0.73	-0.37	2.92
704	262	1.05e-003	-2.43	7.02e-002	0.56	8.78	5.57
	266	1.05e-003	-2.49	6.69e-002	-1.57	8.70	4.93
	267	-6.72e-003	-2.49	4.86e-002	-1.84	1.93	4.77
	263	-6.72e-003	-2.43	5.19e-002	-1.03	2.06	5.41
705	261	5.41e-003	-2.48	5.55e-002	-5.39	21.59	-1.67
	265	5.41e-003	-2.42	5.19e-002	3.47	34.84	-1.37
	266	1.05e-003	-2.42	6.62e-002	1.01	9.65	4.92
	262	1.05e-003	-2.48	6.97e-002	-2.05	14.31	4.62
706	193	2.50e-003	-2.56	2.82e-002	-15.44	9.58	-17.58
	169	2.50e-003	-2.45	-3.20e-003	-0.43	31.36	-13.82
	265	5.41e-003	-2.45	2.92e-002	-0.61	16.79	-3.80
	261	5.41e-003	-2.56	6.06e-002	-4.24	24.91	-7.56
707	260	-1.55e-002	-2.34	1.16e-002	-1.47	2.75	4.18
	263	-1.55e-002	-2.38	3.38e-002	-1.18	1.39	4.38
	264	-1.53e-002	-2.38	3.40e-002	-0.89	0.38	3.25
	202	-1.53e-002	-2.34	1.17e-002	-1.37	1.37	3.04
708	259	-3.99e-005	-2.41	6.85e-003	-2.09	7.49	4.28
	262	-3.99e-005	-2.43	3.35e-002	-3.91	8.15	5.20
	263	-1.55e-002	-2.43	3.57e-002	-1.27	2.89	5.22
	260	-1.55e-002	-2.41	9.02e-003	-2.02	3.53	4.30
709	258	1.73e-002	-2.49	1.16e-002	-5.30	12.37	-2.67
	261	1.73e-002	-2.48	3.66e-002	-7.71	17.49	-0.92
	262	-3.99e-005	-2.48	3.30e-002	-2.00	13.82	4.51
	259	-3.99e-005	-2.49	8.06e-003	-5.89	11.54	2.76
710	177	6.83e-003	-2.57	2.21e-002	-5.36	3.73	-13.98
	193	6.83e-003	-2.56	4.50e-002	-6.55	6.32	-14.58
	261	1.73e-002	-2.56	4.18e-002	-6.28	21.16	-6.54
	258	1.73e-002	-2.57	1.89e-002	-7.39	12.80	-5.94
711	256	-1.41e-002	-2.32	-3.38e-004	-2.54	3.45	3.19
	260	-1.41e-002	-2.34	2.28e-003	-2.26	2.78	3.75
	202	-1.52e-002	-2.34	3.40e-003	-1.36	1.95	3.24
	257	-1.52e-002	-2.32	7.80e-004	-2.46	2.47	2.67
712	255	-4.18e-005	-2.40	-5.27e-003	-3.67	5.47	2.18
	259	-4.18e-005	-2.41	-3.66e-003	-5.15	6.87	3.42
	260	-1.41e-002	-2.41	-2.86e-004	-2.27	3.92	4.20
	256	-1.41e-002	-2.40	-1.90e-003	-3.26	4.15	2.95
713	254	1.02e-002	-2.49	8.55e-004	-4.58	6.18	-3.09
	258	1.02e-002	-2.49	3.23e-003	-6.73	10.35	-2.50
	259	-4.18e-005	-2.49	-2.45e-003	-3.97	9.99	1.92
	255	-4.18e-005	-2.49	-4.82e-003	-5.79	7.46	1.34
714	190	3.47e-003	-2.58	5.13e-003	-1.20	-1.16	-9.55
	177	3.47e-003	-2.57	1.14e-002	-1.83	2.59	-12.33
	258	1.02e-002	-2.57	1.05e-002	-5.92	9.23	-6.93
	254	1.02e-002	-2.58	4.18e-003	-4.46	4.79	-4.14
715	252	-9.34e-003	-2.31	-1.51e-002	-3.46	3.42	2.08
	256	-9.34e-003	-2.32	-7.34e-003	-3.40	3.33	2.76

	257	-1.21e-002	-2.32	-6.05e-003	-2.35	2.76	2.67
	253	-1.21e-002	-2.31	-1.38e-002	-3.32	2.87	1.99
716	251	-6.79e-004	-2.39	-1.95e-002	-4.53	3.92	1.04
	255	-6.79e-004	-2.40	-1.11e-002	-5.15	5.04	1.86
	256	-9.34e-003	-2.40	-8.90e-003	-3.38	4.01	2.70
	252	-9.34e-003	-2.39	-1.73e-002	-4.12	3.85	1.87
717	250	5.62e-003	-2.49	-1.86e-002	-4.58	2.96	-1.65
	254	5.62e-003	-2.49	-9.14e-003	-4.77	4.94	-1.91
	255	-6.79e-004	-2.49	-1.06e-002	-4.61	6.19	0.46
	251	-6.79e-004	-2.49	-2.01e-002	-5.42	4.58	0.71
718	189	4.05e-003	-2.59	-1.93e-002	-0.78	-3.00	-3.48
	190	4.05e-003	-2.58	-4.01e-003	1.32	-2.13	-6.61
	254	5.62e-003	-2.58	-5.82e-003	-4.11	3.09	-4.73
	250	5.62e-003	-2.59	-2.11e-002	-3.64	1.12	-1.59
719	249	-6.17e-003	-2.30	-1.66e-002	-4.11	3.12	1.06
	252	-6.17e-003	-2.31	-1.84e-002	-4.09	3.26	1.75
	253	-7.26e-003	-2.31	-1.74e-002	-3.20	2.97	1.83
	203	-7.26e-003	-2.30	-1.56e-002	-3.80	2.92	1.14
720	248	-4.56e-004	-2.39	-1.94e-002	-5.42	2.97	0.30
	251	-4.56e-004	-2.39	-2.20e-002	-5.16	3.57	0.97
	252	-6.17e-003	-2.39	-2.07e-002	-4.15	3.65	1.54
	249	-6.17e-003	-2.39	-1.80e-002	-4.67	3.38	0.88
721	247	5.16e-003	-2.50	-2.14e-002	-6.33	1.93	-0.56
	250	5.16e-003	-2.49	-2.43e-002	-4.48	2.27	-0.62
	251	-4.56e-004	-2.49	-2.26e-002	-5.21	4.02	7.12e-002
	248	-4.56e-004	-2.50	-1.97e-002	-5.77	3.30	0.14
722	178	9.12e-003	-2.61	-2.04e-002	-5.35	-2.12	0.89
	189	9.12e-003	-2.59	-2.23e-002	0.47	-3.40	-1.03
	250	5.16e-003	-2.59	-2.68e-002	-4.58	0.82	-1.98
	247	5.16e-003	-2.61	-2.49e-002	-5.36	0.99	-6.37e-002
723	245	-2.49e-003	-2.29	-2.31e-002	-4.28	2.29	0.18
	249	-2.49e-003	-2.30	-1.69e-002	-4.46	3.03	0.68
	203	-4.41e-003	-2.30	-1.59e-002	-3.75	2.85	0.91
	246	-4.41e-003	-2.29	-2.21e-002	-4.03	3.12	0.40
724	244	-1.10e-004	-2.38	-2.57e-002	-6.13	2.19	-0.67
	248	-1.10e-004	-2.39	-1.92e-002	-5.50	2.71	7.01e-002
	249	-2.49e-003	-2.39	-1.83e-002	-4.70	3.20	0.54
	245	-2.49e-003	-2.38	-2.49e-002	-4.77	3.09	-0.20
725	243	5.44e-003	-2.50	-2.63e-002	-8.55	1.98	-0.92
	247	5.44e-003	-2.50	-2.05e-002	-5.91	1.64	-0.27
	248	-1.10e-004	-2.50	-1.95e-002	-6.15	3.15	-0.34
	244	-1.10e-004	-2.50	-2.54e-002	-6.41	2.92	-0.99
726	188	1.30e-002	-2.62	-2.07e-002	-11.55	8.65e-002	1.66
	178	1.30e-002	-2.61	-1.96e-002	-4.26	-2.14	1.92
	247	5.44e-003	-2.61	-2.40e-002	-7.05	1.57	-0.39
	243	5.44e-003	-2.62	-2.52e-002	-7.99	2.50	-0.66
727	242	-1.70e-003	-2.28	-7.40e-003	-4.32	4.33	-0.89
	245	-1.70e-003	-2.29	-2.26e-002	-4.86	2.02	0.18
	246	-4.74e-004	-2.29	-2.18e-002	-3.20	3.12	0.54
	199	-4.74e-004	-2.28	-6.58e-003	-3.91	5.79e-002	-0.52
728	241	3.23e-004	-2.38	-7.36e-003	-5.73	4.54	-1.42
	244	3.23e-004	-2.38	-2.50e-002	-6.75	2.24	-0.59
	245	-1.70e-003	-2.38	-2.44e-002	-4.43	2.72	-0.24
	242	-1.70e-003	-2.38	-6.66e-003	-5.60	-4.52e-002	-1.07
729	240	3.77e-003	-2.50	-8.02e-003	-8.52	4.65	-2.27
	243	3.77e-003	-2.50	-2.56e-002	-8.27	2.12	-1.25
	244	3.23e-004	-2.50	-2.47e-002	-6.13	2.47	-0.83
	241	3.23e-004	-2.50	-7.11e-003	-7.65	-0.62	-1.86
730	174	7.15e-003	-2.61	6.24e-003	-14.25	3.29	-1.08
	188	7.15e-003	-2.62	-1.54e-002	-10.25	0.55	0.86

	243	3.77e-003	-2.62	-2.45e-002	-9.35	2.92	-0.68
	240	3.77e-003	-2.61	-2.84e-003	-9.47	2.28	-2.62
731	237	2.17e-004	-2.36	-7.94e-003	-2.58	-0.36	-2.49
	242	2.17e-004	-2.28	-9.86e-003	-4.43	0.47	-1.61
	199	1.03e-003	-2.28	-7.92e-003	-3.45	0.36	-1.29
	239	1.03e-003	-2.36	-6.01e-003	-2.49	0.14	-2.16
732	235	3.17e-003	-2.45	-5.09e-003	-4.02	-1.29	-3.81
	241	3.17e-003	-2.38	-1.04e-002	-5.96	0.32	-2.65
	242	2.17e-004	-2.38	-1.24e-002	-4.65	7.72e-005	-1.71
	237	2.17e-004	-2.45	-7.03e-003	-3.16	-0.40	-2.87
733	233	3.07e-003	-2.57	-8.03e-003	-5.66	-1.79	-5.27
	240	3.07e-003	-2.50	-1.41e-002	-8.34	-0.21	-3.73
	241	3.17e-003	-2.50	-1.18e-002	-6.66	-0.33	-2.69
	235	3.17e-003	-2.57	-5.69e-003	-4.46	-0.98	-4.22
734	187	-4.54e-002	-2.69	-1.25e-002	-8.68	-2.59	-7.62
	174	-4.54e-002	-2.61	-7.10e-003	-13.05	0.77	-4.51
	240	3.07e-003	-2.61	-9.01e-003	-9.42	-0.89	-2.97
	233	3.07e-003	-2.69	-1.44e-002	-6.48	-0.81	-6.08
735	238	-6.75e-004	-2.44	3.78e-003	-0.24	-1.60	-3.10
	237	-6.75e-004	-2.36	-5.54e-003	-2.27	-0.61	-2.84
	239	3.00e-003	-2.36	-5.21e-003	-1.91	-0.57	-2.33
	198	3.00e-003	-2.44	4.11e-003	-0.28	-1.25	-2.58
736	236	1.15e-003	-2.53	8.00e-003	-0.53	-2.66	-4.51
	235	1.15e-003	-2.45	-2.28e-003	-2.79	-1.28	-4.22
	237	-6.75e-004	-2.45	-4.63e-003	-2.15	-0.94	-3.12
	238	-6.75e-004	-2.53	5.64e-003	-0.63	-1.90	-3.41
737	234	5.20e-003	-2.63	1.02e-002	-0.53	-3.47	-6.27
	233	5.20e-003	-2.57	-6.38e-003	-3.78	-1.64	-5.92
	235	1.15e-003	-2.57	-2.88e-003	-2.95	-1.69	-4.46
	236	1.15e-003	-2.63	1.37e-002	-0.70	-2.98	-4.81
738	173	5.76e-004	-2.74	6.58e-003	-2.00	-2.32	-7.49
	187	5.76e-004	-2.69	-8.13e-003	-2.56	-1.31	-7.40
	233	5.20e-003	-2.69	-1.28e-002	-4.03	-2.53	-6.58
	234	5.20e-003	-2.74	1.95e-003	-0.36	-3.28	-6.67
739	228	2.73e-003	-2.43	3.46e-002	-1.81	9.52	-8.77
	232	2.73e-003	-2.32	-2.33e-004	0.17	8.86	-6.73
	197	-2.51e-003	-2.32	1.64e-003	-1.34	0.19	-7.19
	229	-2.51e-003	-2.43	3.65e-002	2.22	1.03	-9.23
740	227	4.29e-003	-2.50	1.96e-002	-1.30	20.80	-4.49
	231	4.29e-003	-2.45	-4.75e-003	-1.09	18.77	-3.93
	232	2.73e-003	-2.45	1.72e-003	-0.37	11.94	-6.27
	228	2.73e-003	-2.50	2.61e-002	-0.97	14.93	-6.84
741	226	8.03e-003	-2.59	1.88e-002	-1.21	22.34	-1.37
	230	8.03e-003	-2.60	-9.26e-003	-0.65	20.15	-1.41
	231	4.29e-003	-2.60	-1.19e-002	-0.80	19.95	-3.48
	227	4.29e-003	-2.59	1.61e-002	-1.14	22.18	-3.44
742	186	7.01e-003	-2.71	9.76e-003	-1.89	15.75	5.10
	172	7.01e-003	-2.72	-1.22e-002	2.67	9.11	3.58
	230	8.03e-003	-2.72	-1.17e-003	-1.59	18.98	-1.37
	226	8.03e-003	-2.71	2.08e-002	-0.49	22.91	0.15
743	225	3.39e-003	-2.51	-3.38e-002	5.08	19.84	-6.92
	228	3.39e-003	-2.43	1.35e-002	-3.54	13.32	-7.27
	229	-9.54e-004	-2.43	6.52e-003	-1.32	0.92	-11.68
	196	-9.54e-004	-2.51	-4.08e-002	2.44	8.69	-11.33
744	224	4.82e-003	-2.49	-1.45e-002	6.08	26.56	-2.79
	227	4.82e-003	-2.50	1.56e-002	-1.74	22.92	-3.28
	228	3.39e-003	-2.50	5.04e-003	-2.74	15.77	-6.07
	225	3.39e-003	-2.49	-2.51e-002	6.15	18.08	-5.57
745	223	5.85e-003	-2.59	-6.20e-003	6.16	24.18	-1.04
	226	5.85e-003	-2.59	1.09e-002	1.38	23.58	-1.94

	227	4.82e-003	-2.59	1.21e-002	0.40	22.36	-2.18
	224	4.82e-003	-2.59	-5.04e-003	5.45	22.29	-1.28
746	171	-4.99e-002	-2.61	4.23e-003	8.39	34.88	6.03
	186	-4.99e-002	-2.71	2.01e-002	-0.72	19.22	6.32
	226	5.85e-003	-2.71	1.30e-002	-0.27	25.07	-0.27
	223	5.85e-003	-2.61	-2.92e-003	8.49	23.50	-0.56
747	220	-0.13	-2.64	-0.16	2.73	0.46	-1.34
	225	-0.13	-2.51	-1.39e-002	4.64	-10.99	-5.79
	196	8.98e-003	-2.51	-0.13	0.15	6.13	-5.93
	222	8.98e-003	-2.64	-0.27	-1.37	-5.04	-1.48
748	218	4.27e-003	-2.99	-1.61e-002	4.23	1.81	-1.96
	224	4.27e-003	-2.49	-2.54e-002	6.38	-3.73	-2.51
	225	-0.13	-2.49	-1.73e-002	7.41	4.87	-3.29
	220	-0.13	-2.99	-7.95e-003	1.58	0.39	-2.74
749	216	9.91e-003	-3.14	-1.85e-002	5.11	3.36	1.27
	223	9.91e-003	-2.59	7.90e-003	7.51	-0.80	0.82
	224	4.27e-003	-2.59	-1.53e-002	7.23	1.60	-1.65
	218	4.27e-003	-3.14	-4.17e-002	4.09	0.81	-1.21
750	185	-0.17	-3.29	-0.10	2.77	6.59	3.23
	171	-0.17	-2.61	-9.12e-002	11.03	4.20	2.98
	223	9.91e-003	-2.61	-1.00e-002	9.57	4.52	1.48
	216	9.91e-003	-3.29	-1.62e-002	3.50	4.18	1.72
751	221	-3.89e-002	-4.05	0.42	-0.16	-0.89	-3.40
	220	-3.89e-002	-2.64	-0.10	1.78	-0.98	-2.29
	222	-4.43e-002	-2.64	-0.13	1.83	-4.06	-1.69
	205	-4.43e-002	-4.05	0.39	1.93	-5.40	-2.79
752	219	-1.31e-002	-3.51	-1.81e-002	5.31e-002	3.65	-1.77
	218	-1.31e-002	-2.99	-3.15e-002	3.19	2.49	-2.25
	220	-3.89e-002	-2.99	5.24e-002	1.46	-0.17	-3.12
	221	-3.89e-002	-3.51	6.57e-002	0.39	-0.14	-2.64
753	217	-6.53e-003	-3.66	4.19e-002	0.73	4.43	0.46
	216	-6.53e-003	-3.14	-1.39e-002	2.86	3.97	0.44
	218	-1.31e-002	-3.14	-5.71e-002	2.80	1.30	-1.27
	219	-1.31e-002	-3.66	-1.27e-003	0.72	3.17	-1.25
754	180	9.02e-002	-3.83	5.44e-003	1.11	2.90	0.51
	185	9.02e-002	-3.29	-6.42e-002	6.38e-002	5.95	1.19
	216	-6.53e-003	-3.29	-1.16e-002	2.96	4.63	1.53
	217	-6.53e-003	-3.83	5.80e-002	0.19	7.22	0.85
755	210	-4.18e-002	-2.70	0.10	3.85	-8.02	-0.53
	215	-4.18e-002	-3.83	-0.36	-0.12	-4.72	2.22
	204	7.53e-003	-3.83	-0.34	2.78	-20.84	2.25e-002
	212	7.53e-003	-2.70	0.12	6.27	-13.01	-2.73
756	208	-8.93e-003	-3.00	5.65e-002	2.79	10.92	-0.59
	214	-8.93e-003	-3.43	2.12e-002	0.97	11.91	-0.66
	215	-4.18e-002	-3.43	-5.62e-002	1.01	-2.39	0.55
	210	-4.18e-002	-3.00	-2.10e-002	2.56	-3.06	0.62
757	206	4.81e-003	-3.09	2.82e-002	0.49	27.67	-0.93
	213	4.81e-003	-3.67	-3.74e-002	0.89	25.14	-0.32
	214	-8.93e-003	-3.67	8.81e-003	7.20e-002	18.85	-0.90
	208	-8.93e-003	-3.09	7.45e-002	3.07	17.11	-1.50
758	184	0.10	-3.22	4.42e-002	0.96	17.37	4.68
	179	0.10	-3.86	-9.34e-003	0.61	15.22	4.53
	213	4.81e-003	-3.86	-4.83e-002	-0.56	28.75	1.00
	206	4.81e-003	-3.22	5.25e-003	1.69	31.42	1.15
759	211	-0.11	-2.77	-5.30e-004	3.57	-14.49	2.01
	210	-0.11	-2.70	0.14	3.90	-6.12	-1.44
	212	2.02e-002	-2.70	0.24	1.38	-13.80	-1.24
	201	2.02e-002	-2.77	0.10	-0.57	-5.84	2.20
760	209	5.32e-003	-2.62	-1.41e-002	5.18	2.62	-0.41
	208	5.32e-003	-3.00	1.33e-002	6.72	10.19	-1.29

	210	-0.11	-3.00	2.16e-002	2.76	-2.84	-0.44
	211	-0.11	-2.62	-5.89e-003	6.58	3.58	0.43
761	207	6.06e-003	-2.46	-3.51e-002	13.99	34.16	1.16
	206	6.06e-003	-3.09	1.58e-002	3.73	29.75	-0.36
	208	5.32e-003	-3.09	3.13e-002	4.33	16.55	-2.26
	209	5.32e-003	-2.46	-1.96e-002	8.93	14.72	-0.74
762	176	-0.17	-2.38	0.12	21.39	36.39	7.00
	184	-0.17	-3.22	0.10	-2.93	20.58	7.03
	206	6.06e-003	-3.22	-7.23e-003	4.84	32.48	2.16
	207	6.06e-003	-2.38	8.09e-003	13.70	23.31	2.14
763	149	1.65e-002	-2.67	6.85e-002	-17.74	-21.39	-18.80
	38	1.65e-002	-2.75	2.67e-002	-25.25	-6.24	-12.79
	169	2.50e-003	-2.75	-8.73e-003	-20.60	-17.83	-14.14
	193	2.50e-003	-2.67	3.31e-002	-2.74	-1.03	-20.15
764	54	-7.93e-003	-2.65	2.75e-002	1.60	-17.76	-17.19
	149	-7.93e-003	-2.67	5.76e-002	-9.59	-20.10	-17.70
	193	6.83e-003	-2.67	4.98e-002	-8.87	-0.85	-16.49
	177	6.83e-003	-2.65	1.97e-002	-0.79	-4.66	-15.98
765	157	1.63e-003	-2.66	1.16e-002	10.38	-14.46	-10.35
	54	1.63e-003	-2.65	2.01e-002	6.04	-15.49	-15.34
	177	3.47e-003	-2.65	9.01e-003	-2.01	-6.54	-14.78
	190	3.47e-003	-2.66	4.71e-004	3.75	-8.33	-9.79
766	162	1.23e-002	-2.69	-2.85e-002	10.77	-11.98	-1.12
	157	1.23e-002	-2.66	-1.74e-002	12.52	-13.49	-6.96
	190	4.05e-003	-2.66	-8.67e-003	2.58	-8.71	-8.20
	189	4.05e-003	-2.69	-1.97e-002	3.52	-8.54	-2.35
767	55	2.20e-002	-2.74	-4.78e-002	1.52	-9.11	6.47
	162	2.20e-002	-2.69	-5.01e-002	9.24	-11.65	2.41
	189	9.12e-003	-2.69	-2.27e-002	0.98	-7.59	-1.28
	178	9.12e-003	-2.74	-2.05e-002	-2.15	-5.12	2.78
768	28	2.02e-002	-2.77	-3.71e-002	-14.19	-4.96	8.36
	55	2.02e-002	-2.74	-3.69e-002	-2.28	-9.08	8.58
	178	1.30e-002	-2.74	-1.97e-002	-5.60	-3.03	3.21
	188	1.30e-002	-2.77	-1.98e-002	-10.14	-0.58	2.99
769	47	2.84e-002	-2.79	2.33e-002	-25.98	0.94	2.71
	28	2.84e-002	-2.77	-5.45e-003	-17.55	-4.36	7.03
	188	7.15e-003	-2.77	-1.45e-002	-13.04	1.05	2.86
	174	7.15e-003	-2.79	1.42e-002	-16.36	0.85	-1.46
770	141	-3.21e-002	-2.70	0.10	-9.20	-7.20	-9.15
	47	-3.21e-002	-2.79	3.65e-002	-25.54	0.57	-4.57
	174	-4.54e-002	-2.79	-8.65e-003	-16.16	-2.64	-2.66
	187	-4.54e-002	-2.70	5.67e-002	-9.02	1.47	-7.25
771	46	-0.10	-3.08	-0.20	11.23	14.76	0.49
	141	-0.10	-2.70	-1.13e-002	-5.20	-1.89	-3.31
	187	5.76e-004	-2.70	6.11e-002	-3.23	-0.29	-8.41
	173	5.76e-004	-3.08	-0.12	1.35	-7.15	-4.61
772	130	-0.12	-2.72	6.58e-003	17.27	-10.67	26.59
	45	-0.12	-3.06	0.21	10.38	-37.51	14.57
	172	7.01e-003	-3.06	0.13	1.01	6.83	1.31
	186	7.01e-003	-2.72	-7.26e-002	1.58	5.43	13.33
773	44	-5.17e-002	-2.82	-8.58e-003	-3.12	16.78	23.23
	130	-5.17e-002	-2.72	-9.46e-002	-1.89	-8.82	27.80
	186	-4.99e-002	-2.72	-6.22e-002	-3.95	16.09	12.47
	171	-4.99e-002	-2.82	2.38e-002	8.47	19.92	7.89
774	122	7.43e-002	-3.18	0.27	-9.39	-4.33	0.53
	44	7.43e-002	-2.82	0.11	-6.89	3.42	7.87
	171	-0.17	-2.82	-8.05e-002	7.28	-1.63	8.41
	185	-0.17	-3.18	8.06e-002	0.42	5.46	1.06
775	57	0.17	-4.61	-0.46	-2.50	-13.08	-5.21
	122	0.17	-3.18	0.13	-5.09	-5.38	-2.92

	185	9.02e-002	-3.18	0.11	-0.24	4.77	1.27
	180	9.02e-002	-4.61	-0.48	0.15	7.34	-1.02
776	101	9.11e-002	-3.09	-0.14	1.50	-25.86	9.10
	56	9.11e-002	-4.65	0.52	-1.44	-33.55	10.20
	179	0.10	-4.65	0.51	2.63	8.02	6.33
	184	0.10	-3.09	-0.14	1.04	5.07	5.23
777	49	5.19e-002	-2.72	-0.14	-4.84	-4.19	3.88e-003
	101	5.19e-002	-3.09	-0.32	-8.83	-24.57	7.89
	184	-0.17	-3.09	-8.41e-002	8.31	4.36	10.05
	176	-0.17	-2.72	9.34e-002	3.78	-18.66	2.16
778	85	0.17	-2.72	5.91e-002	-11.67	6.87	-20.95
	49	0.17	-2.72	-0.17	-2.49	20.97	-14.23
	176	-4.33e-002	-2.72	3.84e-002	7.95	23.36	-4.42
	183	-4.33e-002	-2.72	0.26	7.84	28.65	-11.15
779	48	6.07e-003	-1.88	-0.72	5.57	-2.53	-23.59
	85	6.07e-003	-2.72	-3.07e-002	1.52	3.29	-22.61
	183	-2.40e-002	-2.72	0.17	6.66	24.31	-8.45
	175	-2.40e-002	-1.88	-0.52	3.05	8.74	-9.44
780	93	-0.12	-0.29	-0.11	14.36	-8.53	-15.10
	48	-0.12	-1.88	-0.61	15.22	-3.86	-19.38
	175	1.19	-1.88	-0.85	12.65	2.92	-15.13
	182	1.19	-0.29	-0.35	7.18	0.14	-10.86
781	39	-0.11	-1.86	0.60	4.29	-6.13	-1.02
	93	-0.11	-0.29	0.10	14.22	-8.24	-9.55
	182	1.19	-0.29	0.34	6.10	-2.30	-11.98
	170	1.19	-1.86	0.84	-7.04	-0.15	-3.45
782	77	2.97e-002	-2.70	5.28e-002	-16.67	-7.19	0.90
	39	2.97e-002	-1.86	0.72	0.91	-9.57	0.76
	170	-2.22e-002	-1.86	0.53	-6.84	2.63	-0.28
	181	-2.22e-002	-2.70	-0.14	-9.29	1.83	-0.15
783	38	0.20	-2.75	0.13	-31.15	-2.20	-5.41
	77	0.20	-2.70	-6.80e-002	-17.30	-7.21	-0.43
	181	-3.43e-002	-2.70	-0.23	-11.35	1.27	-1.27
	169	-3.43e-002	-2.75	-3.46e-002	-14.96	-3.00	-6.24
784	17	0.12	-2.96	-2.74e-002	29.72	16.55	13.83
	144	0.12	-3.06	-4.12e-002	56.90	15.06	4.25
	47	2.84e-002	-3.06	-3.34e-002	34.21	0.87	1.04
	28	2.84e-002	-2.96	-1.96e-002	20.47	3.23	10.62
785	165	7.89e-002	-2.88	3.09e-002	-1.61	11.64	12.95
	17	7.89e-002	-2.96	-2.73e-002	11.58	13.00	14.36
	28	2.02e-002	-2.96	1.20e-002	14.77	6.64	11.42
	55	2.02e-002	-2.88	7.03e-002	-0.10	11.53	10.01
786	161	0.11	-2.80	1.62e-002	-19.72	6.59	3.78
	165	0.11	-2.88	2.05e-002	-16.48	8.98	9.92
	55	2.20e-002	-2.88	8.12e-002	-3.92	14.09	9.06
	162	2.20e-002	-2.80	7.70e-002	-13.85	17.64	2.92
787	156	6.45e-002	-2.74	1.39e-002	-25.32	7.33	-4.11
	161	6.45e-002	-2.80	5.94e-002	-25.51	6.13	2.30
	162	1.23e-002	-2.80	5.54e-002	-15.30	18.58	0.28
	157	1.23e-002	-2.74	9.96e-003	-16.30	20.09	-6.13
788	152	7.66e-002	-2.73	2.01e-002	-18.08	13.74	-10.77
	156	7.66e-002	-2.74	4.15e-002	-21.97	9.15	-5.29
	157	1.63e-003	-2.74	-1.90e-002	-15.81	20.63	-8.95
	54	1.63e-003	-2.73	-4.04e-002	-7.81	20.93	-14.43
789	148	5.42e-002	-2.76	-1.25e-002	8.61	20.39	-14.14
	152	5.42e-002	-2.73	-1.79e-002	-5.97	17.50	-13.25
	54	-7.93e-003	-2.73	-4.78e-002	-4.16	20.42	-15.34
	149	-7.93e-003	-2.76	-4.24e-002	9.76	20.02	-16.22
790	76	9.04e-002	-2.86	-5.81e-002	53.38	13.55	-7.41
	148	9.04e-002	-2.76	-6.20e-002	26.49	23.58	-14.74

	149	1.65e-002	-2.76	-5.33e-002	14.55	20.75	-16.95
	38	1.65e-002	-2.86	-4.95e-002	40.87	33.44	-9.62
791	140	3.70e-002	-2.76	0.17	-3.35	-17.75	-13.92
	144	3.70e-002	-3.06	8.22e-002	-50.94	-3.41	-7.27
	47	-3.21e-002	-3.06	5.50e-002	-30.39	-8.30	-1.32
	141	-3.21e-002	-2.76	0.15	-9.77	-5.14	-7.97
792	133	-7.21e-002	-2.19	-7.62e-002	38.48	-12.93	6.61
	140	-7.21e-002	-2.76	0.11	13.13	-8.48	-8.03
	141	-0.10	-2.76	3.41e-002	3.13	-12.38	-6.16
	46	-0.10	-2.16	-0.15	13.86	-17.81	11.44
793	129	-0.11	-2.74	-9.50e-002	22.15	-25.54	24.57
	133	-0.11	-2.18	0.13	38.78	-15.60	13.64
	45	-0.12	-2.16	0.19	25.39	-24.76	17.83
	130	-0.12	-2.74	-3.02e-002	10.36	-23.15	29.98
794	125	2.84e-004	-3.27	-0.13	-45.22	-25.59	20.80
	129	2.84e-004	-2.74	-0.21	9.35	-38.24	31.30
	130	-5.17e-002	-2.74	-0.13	7.48	-18.31	31.13
	44	-5.17e-002	-3.27	-5.79e-002	-21.02	-30.65	20.63
795	121	0.35	-3.02	-0.19	-23.50	-21.81	-1.99
	125	0.35	-3.27	-0.26	-58.72	-28.02	12.52
	44	7.43e-002	-3.27	8.31e-002	-20.19	0.11	10.89
	122	7.43e-002	-3.02	0.15	-13.64	-4.14	-3.63
796	117	0.21	-2.03	-0.91	1.12	-14.02	-7.31
	121	0.21	-3.02	-0.33	-13.52	-16.31	-6.23
	122	0.17	-3.02	7.33e-003	-9.79	-7.22	-5.62
	57	0.17	-2.03	-0.58	0.96	-10.25	-6.69
797	113	0.30	-0.42	-0.31	17.61	-11.09	-1.13
	117	0.30	-2.03	-0.85	12.79	-11.15	-5.35
	57	1.69	-2.03	-0.88	4.44	-11.13	-7.97
	114	1.69	-0.42	-0.34	13.30	-7.70	-3.75
798	108	-2.54e-002	-0.41	0.11	22.55	-12.95	3.45
	113	-2.54e-002	-0.42	2.46e-002	22.91	-10.71	-1.18
	114	2.32	-0.42	-1.30e-002	14.80	-7.29	0.76
	109	2.32	-0.41	6.90e-002	16.75	-7.65	5.40
799	104	0.28	-1.97	0.88	14.90	-15.35	6.07
	108	0.28	-0.41	0.39	20.08	-14.85	3.06
	109	1.45	-0.41	0.44	15.31	-9.70	11.68
	56	1.45	-1.97	0.93	10.66	-20.69	14.69
800	100	0.20	-2.84	0.26	-10.23	-23.58	6.12
	104	0.20	-1.97	0.89	5.84	-18.97	7.58
	56	9.11e-002	-1.97	0.60	5.75	-22.36	11.06
	101	9.11e-002	-2.84	-3.86e-002	-5.28	-21.92	9.60
801	88	0.32	-3.03	0.13	-51.93	-20.17	-7.83
	100	0.32	-2.84	7.23e-002	-21.58	-28.03	4.65
	101	5.19e-002	-2.84	-0.22	-5.42	-22.36	8.76
	49	5.19e-002	-3.03	-0.16	-26.49	-35.16	-3.72
802	84	2.60e-002	-2.53	-3.51e-002	-26.10	-36.05	-24.07
	88	2.60e-002	-3.03	-5.12e-002	-49.43	-31.82	-14.93
	49	0.17	-3.03	-0.17	-32.49	-17.13	-15.97
	85	0.17	-2.53	-0.15	-1.50	-11.99	-25.11
803	96	-0.16	-1.76	-0.25	16.72	-23.99	-21.10
	84	-0.16	-2.53	-7.73e-002	-4.11	-30.98	-23.28
	85	6.07e-003	-2.53	-0.24	-8.14	-12.93	-26.16
	48	6.07e-003	-1.76	-0.41	14.87	-15.67	-23.98
804	92	-0.22	-1.35	-7.24e-002	28.01	-10.22	-9.32
	96	-0.22	-1.76	-0.25	27.71	-17.05	-18.16
	48	-0.12	-1.76	-0.30	13.47	-17.54	-22.74
	93	-0.12	-1.35	-0.12	21.69	-16.49	-13.90
805	80	-0.18	-1.79	0.22	19.81	-7.35	0.83
	92	-0.18	-1.35	2.39e-002	26.78	-8.66	-7.86

	93	-0.11	-1.35	8.86e-002	18.00	-15.92	-9.77
	39	-0.11	-1.79	0.28	8.38	-13.96	-1.08
806	75	-0.12	-2.50	0.11	-15.99	-11.64	6.52
	80	-0.12	-1.79	0.24	7.65	-10.72	4.11
	39	2.97e-002	-1.79	0.40	0.46	-10.93	0.36
	77	2.97e-002	-2.50	0.28	-15.31	-4.46	2.77
807	76	6.18e-002	-2.86	0.11	-59.15	-12.36	0.27
	75	6.18e-002	-2.50	0.12	-31.39	-13.86	6.23
	77	0.20	-2.50	0.16	-24.92	-2.12	1.72
	38	0.20	-2.86	0.14	-38.54	0.35	-4.23

INFORMAZIONI - ANALISI "_36" (Fase 1)

Equazioni.....	4234
Semibanda.....	300
Numero blocchi.....	1
Zero algoritmico.....	5.6069e-007
Tempo totale analisi (sec).....	5.82
Metodo di combinazione modale....	CQC
Smorzamento predefinito.....	5.00e-002
Fattore Rayleight masse.....	0.00
Fattore Rayleight rigidezza.....	1.00

ACCELERAZIONI SISMICHE

Vect.	X	Y	Z	Spettro
1	67.04	0.00	0.00	SLDh
2	0.00	67.04	0.00	SLDh
3	172.80	0.00	0.00	SLVh
4	0.00	172.80	0.00	SLVh

Masse abilitate secondo: " X Y "

COEFFICIENTI DI PARTECIPAZIONE MODALE - ANALISI "_36" (Fase 1)

Modo	x	y	z
1	0.19	6.03	0.00
2	1.98	-0.15	0.00
3	4.89	-0.33	0.00
4	-1.64	-1.58	0.00
5	1.91	-1.04	0.00
6	-1.91	-8.99e-002	0.00
7	-0.33	5.80e-003	0.00
8	-1.84	-5.25e-002	0.00
9	-0.88	5.28e-003	0.00
10	-1.24	2.32	0.00
11	-1.18	-2.02	0.00
12	1.15	5.63e-002	0.00
13	-1.27	-5.29e-002	0.00
14	-0.82	8.00e-002	0.00
15	-0.94	-0.20	0.00
16	-0.40	3.95e-002	0.00
17	0.16	-2.44e-002	0.00
18	-1.11	-0.74	0.00
19	6.59e-002	0.16	0.00
20	4.70e-003	8.26e-002	0.00
21	5.95e-003	0.13	0.00
22	-9.58e-003	-0.32	0.00
23	-3.95e-002	-0.34	0.00
24	-0.10	-0.66	0.00
25	-1.61	0.78	0.00
26	-6.34e-002	0.98	0.00
27	0.13	6.87e-002	0.00
28	0.62	0.72	0.00
29	-0.37	0.88	0.00
30	-0.55	0.22	0.00
31	0.77	0.71	0.00
32	-0.59	-0.14	0.00
33	-0.88	-5.45e-003	0.00

34	-0.24	5.37e-002	0.00
35	-0.56	0.47	0.00
36	-0.13	0.55	0.00
37	6.11e-002	0.45	0.00
38	6.51e-002	0.97	0.00
39	0.65	0.14	0.00
40	0.18	0.86	0.00
41	-0.12	-0.52	0.00
42	-0.75	0.86	0.00
43	-0.40	-0.78	0.00
44	0.22	0.12	0.00
45	-0.27	5.72e-002	0.00
46	0.60	0.84	0.00
47	0.34	-0.58	0.00
48	-0.79	0.28	0.00
49	2.95e-002	0.32	0.00
50	-5.46e-002	-1.76e-002	0.00
51	-0.40	-0.18	0.00
52	0.34	0.72	0.00
53	-5.02e-002	0.72	0.00
54	0.18	-0.45	0.00
55	-0.92	-3.74e-002	0.00
56	-0.42	0.31	0.00
57	-0.56	4.31e-002	0.00
58	-0.40	0.64	0.00
59	8.70e-002	0.19	0.00
60	0.27	0.65	0.00

MASSA MODALE RELATIVA - ANALISI "_36" (Fase 1)

Modo	x	y	z	s
1	5.21e-004	0.51	0.00	0.26
2	5.56e-002	3.22e-004	0.00	2.80e-002
3	0.34	1.56e-003	0.00	0.17
4	3.82e-002	3.55e-002	0.00	3.68e-002
5	5.17e-002	1.52e-002	0.00	3.34e-002
6	5.14e-002	1.14e-004	0.00	2.57e-002
7	1.54e-003	4.75e-007	0.00	7.69e-004
8	4.81e-002	3.90e-005	0.00	2.41e-002
9	1.09e-002	3.94e-007	0.00	5.46e-003
10	2.16e-002	7.62e-002	0.00	4.89e-002
11	1.98e-002	5.79e-002	0.00	3.89e-002
12	1.85e-002	4.48e-005	0.00	9.29e-003
13	2.27e-002	3.96e-005	0.00	1.14e-002
14	9.54e-003	9.05e-005	0.00	4.82e-003
15	1.25e-002	5.46e-004	0.00	6.54e-003
16	2.28e-003	2.20e-005	0.00	1.15e-003
17	3.61e-004	8.39e-006	0.00	1.85e-004
18	1.73e-002	7.66e-003	0.00	1.25e-002
19	6.13e-005	3.70e-004	0.00	2.16e-004
20	3.12e-007	9.63e-005	0.00	4.83e-005
21	5.01e-007	2.44e-004	0.00	1.22e-004
22	1.30e-006	1.46e-003	0.00	7.33e-004
23	2.20e-005	1.64e-003	0.00	8.30e-004
24	1.28e-004	6.21e-003	0.00	3.17e-003
25	3.64e-002	8.70e-003	0.00	2.26e-002
26	5.68e-005	1.37e-002	0.00	6.86e-003
27	2.46e-004	6.67e-005	0.00	1.56e-004
28	5.49e-003	7.37e-003	0.00	6.43e-003
29	1.90e-003	1.10e-002	0.00	6.47e-003
30	4.22e-003	6.65e-004	0.00	2.44e-003
31	8.47e-003	7.12e-003	0.00	7.79e-003
32	4.98e-003	2.87e-004	0.00	2.64e-003
33	1.10e-002	4.20e-007	0.00	5.50e-003
34	8.19e-004	4.07e-005	0.00	4.30e-004
35	4.45e-003	3.10e-003	0.00	3.78e-003
36	2.33e-004	4.28e-003	0.00	2.25e-003
37	5.28e-005	2.87e-003	0.00	1.46e-003

38 5.98e-005 1.33e-002 0.00 6.68e-003
 39 6.06e-003 2.67e-004 0.00 3.16e-003
 40 4.38e-004 1.06e-002 0.00 5.49e-003
 41 2.06e-004 3.85e-003 0.00 2.03e-003
 42 7.93e-003 1.05e-002 0.00 9.24e-003
 43 2.22e-003 8.61e-003 0.00 5.41e-003
 44 7.10e-004 2.21e-004 0.00 4.65e-004
 45 1.06e-003 4.62e-005 0.00 5.55e-004
 46 5.14e-003 9.90e-003 0.00 7.52e-003
 47 1.67e-003 4.71e-003 0.00 3.19e-003
 48 8.90e-003 1.07e-003 0.00 4.99e-003
 49 1.23e-005 1.43e-003 0.00 7.20e-004
 50 4.22e-005 4.39e-006 0.00 2.33e-005
 51 2.29e-003 4.81e-004 0.00 1.39e-003
 52 1.65e-003 7.26e-003 0.00 4.45e-003
 53 3.57e-005 7.42e-003 0.00 3.73e-003
 54 4.59e-004 2.87e-003 0.00 1.67e-003
 55 1.20e-002 1.97e-005 0.00 6.00e-003
 56 2.54e-003 1.37e-003 0.00 1.95e-003
 57 4.44e-003 2.63e-005 0.00 2.24e-003
 58 2.23e-003 5.83e-003 0.00 4.03e-003
 59 1.07e-004 5.29e-004 0.00 3.18e-004
 60 1.05e-003 5.98e-003 0.00 3.52e-003

0.86	0.87	0.00	0.87
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SMORZAMENTO MODALE - ANALISI "_36" (Fase 1)

Modo Smorzamento

1 5.00e-002
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60 5.00e-002

SPOSTAMENTI NODALI "Dinamica SLDh X" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	3.46e-004	-7.35e-005	2.59e-004	4.17e-006	2.55e-005	-1.36e-006
2	0.25	3.70e-002	-1.76e-003	-5.07e-005	3.60e-004	-3.05e-004
3	0.25	3.04e-002	1.18e-002	-3.43e-005	3.70e-004	-3.23e-004
4	3.46e-004	4.84e-005	-2.89e-004	-3.21e-006	2.70e-005	-2.15e-006
5	0.26	3.87e-002	-1.73e-003	-5.62e-005	3.45e-004	-3.22e-004
6	0.23	4.15e-002	-1.17e-002	-5.70e-005	3.64e-004	-2.78e-004
7	0.25	4.35e-002	-1.16e-002	-5.70e-005	3.55e-004	-2.84e-004
8	0.22	4.15e-002	-1.34e-002	-5.74e-005	3.59e-004	-2.61e-004
9	0.24	4.35e-002	-1.34e-002	-5.54e-005	3.69e-004	-2.59e-004
10	0.25	4.56e-002	-1.34e-002	-6.43e-005	4.09e-004	-2.58e-004
11	3.55e-004	4.80e-005	3.79e-004	4.94e-006	3.03e-005	1.83e-006
12	0.22	4.15e-002	-1.54e-002	-5.80e-005	3.62e-004	-2.55e-004
13	0.23	4.35e-002	-1.55e-002	-5.83e-005	3.77e-004	-2.55e-004
14	3.55e-004	-3.51e-005	-3.49e-004	-2.44e-006	3.14e-005	2.66e-006
15	0.13	4.18e-002	-1.27e-002	-6.17e-005	1.73e-004	4.10e-004
16	0.15	4.18e-002	-1.17e-002	-6.10e-005	1.84e-004	4.09e-004
17	3.29e-003	2.97e-004	-2.43e-003	-3.72e-006	3.64e-005	4.04e-006
18	0.14	4.40e-002	-1.27e-002	-6.18e-005	1.89e-004	4.19e-004
19	0.15	4.40e-002	-1.16e-002	-6.38e-005	1.99e-004	4.16e-004
20	0.14	4.63e-002	-1.27e-002	-7.11e-005	2.22e-004	4.26e-004
21	0.12	4.18e-002	-1.42e-002	-6.11e-005	1.64e-004	4.13e-004
22	0.12	4.40e-002	-1.45e-002	-6.38e-005	1.75e-004	4.19e-004
23	0.12	3.31e-002	-9.43e-003	-5.65e-005	1.64e-004	4.18e-004
24	0.12	3.50e-002	-9.38e-003	-6.17e-005	1.70e-004	4.20e-004
25	0.13	3.71e-002	-9.40e-003	-7.28e-005	1.75e-004	4.21e-004
26	0.12	2.74e-002	-4.57e-003	-5.73e-005	1.69e-004	4.21e-004
27	0.12	2.89e-002	-4.27e-003	-6.25e-005	1.74e-004	4.21e-004
28	5.39e-003	5.44e-004	-3.16e-003	-6.27e-006	4.54e-005	8.71e-006
29	0.12	-6.02e-002	1.21e-002	6.22e-005	1.74e-004	4.99e-004
30	0.12	4.70e-002	6.87e-003	-4.83e-005	1.81e-004	4.95e-004
31	0.12	-6.23e-002	1.20e-002	6.94e-005	1.82e-004	5.17e-004
32	0.12	4.87e-002	6.50e-003	6.05e-005	1.86e-004	5.12e-004
33	0.13	-6.47e-002	1.20e-002	8.35e-005	1.86e-004	5.30e-004
34	0.12	-7.41e-002	1.72e-002	8.13e-005	1.75e-004	5.09e-004
35	0.12	-7.69e-002	1.75e-002	8.52e-005	1.87e-004	5.35e-004
36	0.13	-7.42e-002	1.57e-002	8.16e-005	1.92e-004	5.18e-004
37	0.13	-7.70e-002	1.58e-002	8.64e-005	2.07e-004	5.51e-004
38	5.38e-003	-1.05e-003	4.93e-003	1.59e-005	4.55e-005	5.15e-006
39	5.51e-003	-1.05e-003	3.81e-003	1.44e-005	4.77e-005	-7.14e-006
40	0.14	-7.98e-002	1.59e-002	8.82e-005	2.30e-004	5.90e-004
41	0.14	-7.42e-002	1.33e-002	7.99e-005	2.27e-004	5.26e-004
42	0.15	-7.70e-002	1.33e-002	8.73e-005	2.53e-004	5.70e-004
43	0.22	-7.41e-002	1.45e-002	7.71e-005	3.43e-004	5.97e-004
44	4.81e-003	8.03e-004	-3.61e-003	-6.49e-006	5.42e-005	-6.25e-006

45	5.61e-003	7.24e-004	-3.79e-003	-1.12e-005	4.86e-005	-1.26e-005
46	5.75e-003	7.23e-004	-3.80e-003	-1.20e-005	5.21e-005	-9.48e-006
47	5.39e-003	6.93e-004	-4.49e-003	-8.60e-006	4.65e-005	8.71e-006
48	4.99e-003	-1.15e-003	3.37e-003	5.49e-006	4.83e-005	-1.17e-005
49	4.76e-003	-1.11e-003	3.42e-003	4.92e-006	5.45e-005	-5.80e-006
50	0.20	-7.41e-002	1.71e-002	7.84e-005	3.11e-004	6.00e-004
51	0.23	-7.68e-002	1.45e-002	7.77e-005	3.39e-004	6.25e-004
52	0.21	-7.68e-002	1.71e-002	8.19e-005	3.09e-004	6.35e-004
53	0.24	-7.94e-002	1.45e-002	7.50e-005	3.61e-004	6.43e-004
54	5.37e-003	-8.23e-004	2.41e-003	1.06e-005	4.49e-005	5.69e-006
55	5.38e-003	4.68e-004	-1.86e-003	-5.26e-006	4.54e-005	8.62e-006
56	4.49e-003	-6.95e-004	5.33e-004	6.69e-006	4.30e-005	1.16e-005
57	4.53e-003	6.76e-004	-6.95e-004	-6.68e-006	4.39e-005	7.82e-006
58	0.38	-0.23	1.45e-002	3.62e-005	1.21e-004	1.86e-003
59	0.56	-0.23	1.57e-002	3.19e-005	2.39e-004	1.85e-003
60	0.56	0.22	-1.31e-002	-2.24e-005	2.25e-004	1.84e-003
61	6.57e-002	-3.87e-002	1.23e-002	-8.31e-005	2.74e-004	2.50e-004
62	5.73e-002	-3.87e-002	1.48e-002	7.71e-005	2.52e-004	2.42e-004
63	0.38	-0.15	7.95e-003	1.26e-005	1.27e-004	1.85e-003
64	0.56	-0.15	4.52e-003	1.17e-004	1.50e-004	1.85e-003
65	0.38	0.13	-5.93e-003	-1.02e-005	1.30e-004	1.86e-003
66	0.56	0.13	-2.63e-003	-1.10e-004	1.42e-004	1.85e-003
67	0.76	3.26e-002	0.00	2.95e-005	7.47e-006	-1.16e-003
68	0.76	-5.92e-002	0.00	-3.78e-005	7.47e-006	-1.16e-003
69	0.27	3.20e-002	-6.95e-003	2.95e-005	9.88e-005	-2.64e-003
70	0.47	3.24e-002	-4.73e-003	2.95e-005	6.73e-005	-2.36e-003
71	2.00e-003	2.07e-004	-2.58e-003	-2.68e-006	2.82e-005	4.67e-006
72	4.45e-004	-1.26e-004	-1.80e-003	-1.38e-005	4.00e-005	-3.40e-006
73	0.64	3.26e-002	-2.51e-003	2.95e-005	3.57e-005	-1.73e-003
74	0.27	-5.87e-002	8.90e-003	-3.78e-005	9.88e-005	-2.64e-003
75	3.40e-003	-5.45e-004	3.57e-003	9.16e-006	3.53e-005	5.02e-006
76	3.32e-003	-5.37e-004	3.78e-003	7.43e-006	3.52e-005	3.91e-006
77	5.46e-003	-1.04e-003	4.51e-003	1.60e-005	4.69e-005	6.14e-006
78	2.04e-003	2.15e-004	-2.60e-003	-3.94e-006	2.96e-005	-3.45e-006
79	3.33e-004	-1.01e-004	-1.43e-003	-4.69e-006	4.22e-005	-3.23e-006
80	3.48e-003	-6.02e-004	3.24e-003	8.36e-006	3.41e-005	-3.97e-006
81	0.47	-5.89e-002	6.06e-003	-3.78e-005	6.73e-005	-2.36e-003
82	1.79e-003	2.23e-004	-2.30e-003	-6.49e-006	2.35e-005	-7.12e-006
83	3.54e-004	1.07e-004	1.32e-003	5.27e-006	3.93e-005	-2.42e-006
84	2.77e-003	-7.99e-004	2.61e-003	7.87e-006	2.90e-005	-7.31e-006
85	4.77e-003	-1.14e-003	3.44e-003	5.91e-006	5.24e-005	-7.98e-006
86	1.56e-003	-3.71e-004	1.93e-003	8.36e-006	2.12e-005	-5.58e-006
87	4.28e-004	1.01e-004	1.69e-003	1.33e-005	3.72e-005	-3.05e-006
88	2.70e-003	-7.95e-004	2.45e-003	8.85e-006	2.90e-005	-3.35e-006
89	0.64	-5.91e-002	3.22e-003	-3.78e-005	3.57e-005	-1.73e-003
90	1.75e-003	-3.81e-004	2.20e-003	7.18e-006	2.38e-005	-5.46e-006
91	4.78e-004	1.43e-004	2.04e-003	2.56e-006	3.78e-005	-9.94e-007
92	3.37e-003	-6.88e-004	2.94e-003	6.97e-006	3.22e-005	-7.18e-006
93	5.33e-003	-1.13e-003	3.36e-003	8.45e-006	4.69e-005	-1.09e-005
94	1.93e-003	-3.33e-004	2.44e-003	5.59e-006	2.74e-005	-3.75e-006
95	4.23e-004	-1.91e-004	1.86e-003	-9.33e-006	4.37e-005	3.32e-006
96	3.05e-003	-7.63e-004	2.78e-003	6.39e-006	3.00e-005	-9.94e-006
97	0.74	3.26e-002	-5.17e-004	2.95e-005	7.47e-006	-1.16e-003
98	7.90e-002	-4.26e-002	1.28e-002	-8.21e-005	3.01e-004	2.81e-004
99	6.95e-002	-4.26e-002	1.54e-002	-8.61e-005	2.76e-004	2.79e-004
100	2.69e-003	-7.01e-004	1.52e-003	7.19e-006	2.97e-005	6.81e-006
101	4.67e-003	-9.46e-004	1.82e-003	5.58e-006	5.38e-005	1.05e-005
102	9.35e-002	-4.64e-002	1.33e-002	-7.93e-005	3.24e-004	3.15e-004
103	8.28e-002	-4.64e-002	1.59e-002	-8.39e-005	2.98e-004	3.14e-004
104	2.71e-003	-4.97e-004	7.25e-004	5.31e-006	2.22e-005	8.56e-006
105	0.74	-5.92e-002	6.62e-004	-3.78e-005	7.47e-006	-1.16e-003
106	0.11	-5.02e-002	1.37e-002	-7.99e-005	3.37e-004	3.48e-004
107	0.10	-5.02e-002	1.62e-002	-8.35e-005	3.12e-004	3.47e-004
108	2.76e-003	-2.95e-004	1.95e-004	3.15e-006	2.09e-005	8.40e-006
109	3.81e-003	-4.52e-004	1.88e-004	-4.16e-006	5.83e-006	1.24e-005
110	0.12	3.15e-002	-8.94e-003	2.95e-005	1.27e-004	-2.43e-003
111	0.12	-5.39e-002	1.40e-002	-7.82e-005	3.45e-004	3.82e-004
112	0.11	-5.39e-002	1.64e-002	7.21e-005	3.20e-004	3.78e-004

113	2.76e-003	2.72e-004	-2.80e-004	-3.50e-006	2.12e-005	7.57e-006
114	3.83e-003	4.69e-004	-2.63e-004	-4.30e-006	6.58e-006	1.16e-005
115	0.14	-5.74e-002	1.42e-002	-7.71e-005	3.54e-004	4.16e-004
116	0.13	-5.75e-002	1.66e-002	-7.98e-005	3.26e-004	4.16e-004
117	2.72e-003	4.07e-004	-8.63e-004	-5.42e-006	2.27e-005	5.97e-006
118	0.12	-5.83e-002	1.15e-002	-3.78e-005	1.28e-004	-2.43e-003
119	0.16	-6.10e-002	1.44e-002	7.51e-005	3.59e-004	4.54e-004
120	0.14	-6.10e-002	1.68e-002	7.81e-005	3.30e-004	4.53e-004
121	2.72e-003	5.10e-004	-1.70e-003	-6.28e-006	3.10e-005	3.12e-006
122	4.72e-003	8.02e-004	-2.01e-003	-6.34e-006	5.38e-005	5.49e-006
123	0.17	-6.45e-002	1.44e-002	7.66e-005	3.56e-004	4.91e-004
124	0.16	-6.45e-002	1.69e-002	7.88e-005	3.27e-004	4.91e-004
125	2.73e-003	4.89e-004	-2.69e-003	-7.32e-006	3.03e-005	-5.26e-006
126	0.19	-6.79e-002	1.45e-002	7.68e-005	3.50e-004	5.28e-004
127	0.17	-6.79e-002	1.70e-002	7.04e-005	3.22e-004	5.30e-004
128	0.21	-7.13e-002	1.45e-002	7.77e-005	3.47e-004	5.65e-004
129	3.12e-003	4.89e-004	-3.00e-003	-6.35e-006	3.15e-005	-1.17e-005
130	5.16e-003	7.80e-004	-3.77e-003	-7.54e-006	5.10e-005	-1.31e-005
131	0.13	-7.99e-002	1.77e-002	1.05e-004	2.16e-004	5.63e-004
132	0.16	-7.96e-002	1.35e-002	5.50e-005	2.85e-004	6.44e-004
133	3.57e-003	4.50e-004	-3.19e-003	-5.83e-006	3.45e-005	-6.63e-006
134	0.26	4.55e-002	-1.16e-002	-6.72e-005	3.89e-004	-2.83e-004
135	0.24	4.56e-002	-1.55e-002	-6.08e-005	3.92e-004	-2.58e-004
136	0.74	3.09e-002	8.29e-005	-4.73e-006	7.30e-006	4.13e-004
137	0.16	4.62e-002	-1.16e-002	-6.01e-005	2.10e-004	4.18e-004
138	0.13	4.63e-002	-1.47e-002	-8.23e-005	2.00e-004	4.29e-004
139	0.22	-7.93e-002	1.69e-002	5.17e-005	3.39e-004	6.88e-004
140	3.57e-003	3.93e-004	-3.36e-003	-4.93e-006	3.59e-005	6.00e-006
141	5.70e-003	7.00e-004	-4.15e-003	-8.92e-006	5.00e-005	8.70e-006
142	0.26	-7.94e-002	1.30e-002	8.96e-005	3.84e-004	6.32e-004
143	0.13	5.08e-002	6.24e-003	8.39e-005	2.09e-004	5.22e-004
144	3.31e-003	3.73e-004	-3.51e-003	-4.94e-006	3.66e-005	5.95e-006
145	0.64	3.08e-002	4.03e-004	-4.73e-006	3.57e-005	6.00e-004
146	0.13	3.05e-002	-4.02e-003	-7.80e-005	1.98e-004	4.22e-004
147	0.26	4.34e-002	-9.17e-003	6.72e-005	2.34e-004	6.27e-004
148	3.30e-003	-4.85e-004	2.78e-003	5.98e-006	3.48e-005	1.99e-006
149	5.37e-003	-9.46e-004	3.66e-003	1.30e-005	4.41e-005	4.42e-006
150	0.26	3.12e-002	1.06e-002	-4.21e-005	2.26e-004	3.81e-004
151	0.23	5.79e-002	2.64e-003	6.02e-005	3.57e-004	5.86e-004
152	3.27e-003	-4.46e-004	1.81e-003	4.76e-006	3.42e-005	2.24e-006
153	0.47	3.08e-002	7.58e-004	-4.73e-006	6.73e-005	8.93e-004
154	0.23	-7.41e-002	1.30e-002	7.83e-005	3.61e-004	5.92e-004
155	0.25	-5.99e-002	2.67e-003	6.40e-005	3.57e-004	6.09e-004
156	3.24e-003	-3.68e-004	7.69e-004	3.96e-006	3.34e-005	4.00e-006
157	5.37e-003	-6.62e-004	1.03e-003	8.11e-006	4.47e-005	7.33e-006
158	0.27	3.07e-002	1.11e-003	-4.73e-006	9.88e-005	1.05e-003
159	0.25	-7.67e-002	1.29e-002	7.80e-005	3.53e-004	6.17e-004
160	0.26	-6.20e-002	2.63e-003	7.31e-005	3.42e-004	6.28e-004
161	3.24e-003	-2.86e-004	-3.75e-004	3.42e-006	3.38e-005	4.70e-006
162	5.37e-003	-5.17e-004	-5.01e-004	6.11e-006	4.50e-005	8.30e-006
163	0.23	4.08e-002	-1.06e-002	4.41e-005	3.59e-004	5.84e-004
164	0.25	4.20e-002	-1.03e-002	5.22e-005	3.69e-004	6.06e-004
165	3.27e-003	2.65e-004	-1.40e-003	-3.16e-006	3.49e-005	4.16e-006
166	0.12	3.06e-002	1.43e-003	-4.73e-006	1.27e-004	9.89e-004
167	0.23	3.53e-002	-1.76e-003	-4.87e-005	3.60e-004	-2.89e-004
168	0.23	2.93e-002	1.21e-002	-3.57e-005	3.63e-004	-2.96e-004
169	7.89e-003	-2.05e-003	6.08e-003	2.77e-005	5.57e-005	9.64e-006
170	8.20e-003	-1.98e-003	4.31e-003	3.46e-005	6.24e-005	-1.13e-005
171	8.24e-003	1.20e-003	-4.49e-003	-1.03e-005	8.35e-005	-1.05e-005
172	8.20e-003	1.16e-003	-4.80e-003	-1.38e-005	6.05e-005	-1.33e-005
173	9.10e-003	1.20e-003	-4.53e-003	-1.56e-005	7.99e-005	1.66e-005
174	7.92e-003	1.21e-003	-5.42e-003	-1.45e-005	5.61e-005	1.59e-005
175	7.81e-003	-1.26e-003	4.12e-003	-1.84e-005	6.59e-005	-1.36e-005
176	8.25e-003	-1.33e-003	4.36e-003	-7.75e-006	8.55e-005	1.37e-005
177	7.91e-003	-1.52e-003	2.96e-003	1.83e-005	5.41e-005	1.19e-005
178	7.92e-003	8.06e-004	-2.25e-003	-9.12e-006	5.45e-005	1.51e-005
179	8.25e-003	-9.42e-004	-7.13e-004	-9.37e-006	9.07e-005	1.66e-005
180	8.24e-003	1.03e-003	6.01e-004	-1.08e-005	8.83e-005	1.28e-005

181	8.06e-003	-2.04e-003	5.47e-003	2.91e-005	5.88e-005	1.05e-005
182	7.96e-003	-1.46e-003	3.45e-003	1.21e-005	5.77e-005	-1.63e-005
183	8.03e-003	-1.32e-003	4.40e-003	-1.06e-005	7.99e-005	-1.34e-005
184	8.19e-003	-1.09e-003	2.04e-003	-7.85e-006	8.33e-005	1.57e-005
185	8.18e-003	1.10e-003	-2.23e-003	-9.60e-006	8.15e-005	-1.21e-005
186	8.18e-003	1.17e-003	-4.53e-003	-1.15e-005	7.22e-005	-1.24e-005
187	8.54e-003	1.20e-003	-4.91e-003	-1.47e-005	6.63e-005	1.68e-005
188	7.92e-003	9.28e-004	-3.82e-003	-1.05e-005	5.44e-005	1.56e-005
189	7.92e-003	-9.20e-004	-6.00e-004	1.06e-005	5.39e-005	1.43e-005
190	7.91e-003	-1.19e-003	1.28e-003	1.40e-005	5.37e-005	1.33e-005
191	0.00	0.00	0.00	0.00	0.00	0.00
192	0.00	0.00	0.00	0.00	0.00	0.00
193	7.90e-003	-1.80e-003	4.50e-003	2.25e-005	5.35e-005	1.03e-005
194	1.93e-002	-9.66e-003	9.58e-003	7.20e-005	8.50e-005	5.53e-005
195	2.21e-002	-9.63e-003	6.78e-003	7.48e-005	1.05e-004	5.67e-005
196	2.29e-002	4.69e-003	-5.63e-003	-3.65e-005	7.01e-005	5.49e-005
197	1.87e-002	4.70e-003	-7.92e-003	-3.58e-005	5.37e-005	6.19e-005
198	2.53e-002	5.07e-003	-6.67e-003	-3.49e-005	1.19e-004	7.60e-005
199	1.94e-002	5.08e-003	-8.18e-003	-3.45e-005	8.45e-005	6.92e-005
200	1.92e-002	-8.26e-003	9.30e-003	7.68e-005	4.77e-005	7.18e-005
201	2.30e-002	-8.27e-003	5.44e-003	7.73e-005	6.88e-005	6.48e-005
202	1.93e-002	-6.69e-003	4.69e-003	4.82e-005	8.27e-005	5.47e-005
203	1.94e-002	3.33e-003	-3.35e-003	-2.18e-005	8.25e-005	6.16e-005
204	2.34e-002	5.31e-003	1.76e-003	5.28e-005	4.90e-005	5.25e-005
205	2.33e-002	3.38e-003	-1.83e-003	-2.37e-005	5.18e-005	4.37e-005
206	1.24e-002	-1.55e-003	2.24e-003	-2.22e-005	9.02e-005	2.43e-005
207	1.24e-002	-2.03e-003	4.88e-003	-2.69e-005	9.83e-005	2.52e-005
208	1.67e-002	-2.81e-003	2.60e-003	-4.20e-005	8.95e-005	3.62e-005
209	1.67e-002	-3.71e-003	5.21e-003	4.84e-005	9.76e-005	3.88e-005
210	2.09e-002	-4.91e-003	3.10e-003	5.77e-005	8.15e-005	4.75e-005
211	2.08e-002	-6.22e-003	5.39e-003	6.48e-005	8.38e-005	5.38e-005
212	2.31e-002	-6.66e-003	3.39e-003	6.46e-005	7.05e-005	5.66e-005
213	1.24e-002	-1.31e-003	-8.78e-004	-1.71e-005	1.04e-004	2.47e-005
214	1.67e-002	2.15e-003	7.35e-004	-3.53e-005	1.03e-004	3.55e-005
215	2.09e-002	3.84e-003	8.84e-004	5.12e-005	9.50e-005	4.57e-005
216	1.23e-002	1.50e-003	-2.44e-003	-1.41e-005	8.91e-005	-2.08e-005
217	1.23e-002	1.46e-003	7.64e-004	-1.39e-005	1.02e-004	-2.09e-005
218	1.66e-002	2.13e-003	-2.80e-003	-1.95e-005	8.99e-005	3.03e-005
219	1.66e-002	2.02e-003	7.31e-004	-1.75e-005	1.02e-004	2.95e-005
220	2.08e-002	3.05e-003	-3.27e-003	-2.58e-005	8.28e-005	3.90e-005
221	2.08e-002	2.77e-003	-9.98e-004	-2.27e-005	9.57e-005	3.74e-005
222	2.30e-002	3.80e-003	-3.53e-003	-2.87e-005	7.23e-005	4.65e-005
223	1.23e-002	1.75e-003	-5.07e-003	-1.61e-005	9.69e-005	-2.09e-005
224	1.66e-002	2.59e-003	-5.45e-003	-2.21e-005	9.81e-005	3.30e-005
225	2.07e-002	3.75e-003	-5.61e-003	-2.94e-005	8.54e-005	4.58e-005
226	1.16e-002	1.76e-003	-5.20e-003	-1.63e-005	8.39e-005	-2.20e-005
227	1.53e-002	2.60e-003	-5.80e-003	-2.27e-005	8.39e-005	-3.69e-005
228	1.88e-002	3.75e-003	-6.34e-003	-2.96e-005	7.21e-005	5.29e-005
229	2.07e-002	4.69e-003	-6.68e-003	-3.43e-005	6.10e-005	6.23e-005
230	1.11e-002	1.76e-003	-5.62e-003	-1.79e-005	6.98e-005	-2.30e-005
231	1.42e-002	2.60e-003	-6.47e-003	-2.41e-005	6.98e-005	-3.75e-005
232	1.70e-002	3.78e-003	-7.35e-003	-3.13e-005	6.07e-005	5.27e-005
233	1.17e-002	1.93e-003	-5.59e-003	-2.01e-005	7.77e-005	2.99e-005
234	1.29e-002	1.92e-003	-5.14e-003	-2.06e-005	9.30e-005	3.08e-005
235	1.53e-002	2.91e-003	-6.24e-003	-2.57e-005	8.72e-005	4.54e-005
236	1.72e-002	2.91e-003	-5.74e-003	-2.63e-005	1.04e-004	4.68e-005
237	1.94e-002	4.14e-003	-6.86e-003	-3.06e-005	9.60e-005	6.25e-005
238	2.20e-002	4.12e-003	-6.31e-003	-3.10e-005	1.13e-004	6.40e-005
239	2.22e-002	5.07e-003	-7.26e-003	-3.36e-005	1.02e-004	7.45e-005
240	1.06e-002	1.93e-003	-6.22e-003	-2.09e-005	6.42e-005	2.69e-005
241	1.36e-002	2.92e-003	-6.99e-003	-2.64e-005	7.22e-005	4.08e-005
242	1.70e-002	4.15e-003	-7.72e-003	-3.13e-005	7.98e-005	5.72e-005
243	1.06e-002	1.46e-003	-4.38e-003	-1.52e-005	6.24e-005	2.48e-005
244	1.36e-002	2.19e-003	-4.91e-003	-1.95e-005	7.02e-005	3.73e-005
245	1.70e-002	3.11e-003	-5.42e-003	-2.32e-005	7.76e-005	5.29e-005
246	1.94e-002	3.80e-003	-5.73e-003	-2.55e-005	8.23e-005	6.50e-005
247	1.06e-002	1.28e-003	-2.58e-003	-1.31e-005	6.26e-005	2.34e-005
248	1.36e-002	1.93e-003	-2.88e-003	-1.68e-005	7.04e-005	3.49e-005

249	1.70e-002	2.73e-003	-3.17e-003	-1.99e-005	7.79e-005	4.99e-005
250	1.06e-002	-1.48e-003	-6.78e-004	-1.52e-005	6.22e-005	2.20e-005
251	1.36e-002	2.24e-003	-7.47e-004	-1.96e-005	6.99e-005	3.28e-005
252	1.70e-002	3.19e-003	-8.09e-004	-2.36e-005	7.74e-005	4.73e-005
253	1.94e-002	3.91e-003	-8.46e-004	-2.60e-005	8.20e-005	5.87e-005
254	1.06e-002	-1.93e-003	1.50e-003	2.01e-005	6.21e-005	2.08e-005
255	1.36e-002	-2.92e-003	1.72e-003	-2.64e-005	6.99e-005	3.10e-005
256	1.70e-002	-4.19e-003	1.93e-003	-3.24e-005	7.74e-005	4.51e-005
257	1.93e-002	-5.17e-003	2.07e-003	-3.60e-005	8.21e-005	5.64e-005
258	1.06e-002	-2.45e-003	3.46e-003	2.63e-005	6.25e-005	1.96e-005
259	1.36e-002	-3.74e-003	3.94e-003	3.47e-005	7.03e-005	2.98e-005
260	1.69e-002	-5.39e-003	4.40e-003	4.30e-005	7.79e-005	4.36e-005
261	1.06e-002	-2.95e-003	5.24e-003	3.25e-005	6.20e-005	1.87e-005
262	1.36e-002	-4.51e-003	5.96e-003	4.26e-005	6.99e-005	2.93e-005
263	1.69e-002	-6.54e-003	6.66e-003	5.29e-005	7.78e-005	4.30e-005
264	1.93e-002	-8.15e-003	7.10e-003	5.99e-005	8.29e-005	5.42e-005
265	1.06e-002	-3.44e-003	7.07e-003	3.94e-005	6.43e-005	1.82e-005
266	1.36e-002	-5.32e-003	8.02e-003	5.08e-005	7.18e-005	3.00e-005
267	1.69e-002	-7.74e-003	8.97e-003	6.27e-005	7.97e-005	4.42e-005
268	1.09e-002	-3.45e-003	6.31e-003	4.09e-005	6.96e-005	1.84e-005
269	1.41e-002	-5.32e-003	7.12e-003	5.15e-005	7.80e-005	3.08e-005
270	1.77e-002	-7.72e-003	7.90e-003	6.43e-005	8.65e-005	4.55e-005
271	2.03e-002	-9.63e-003	8.39e-003	7.16e-005	9.21e-005	5.64e-005
272	1.14e-002	-3.45e-003	5.20e-003	3.85e-005	7.93e-005	1.88e-005
273	1.51e-002	-5.32e-003	5.90e-003	5.11e-005	8.84e-005	3.14e-005
274	1.91e-002	-7.63e-003	6.49e-003	5.49e-005	9.80e-005	4.50e-005
275	1.19e-002	-1.98e-003	5.18e-003	-2.74e-005	9.26e-005	2.65e-005
276	1.10e-002	-2.01e-003	5.98e-003	3.37e-005	7.98e-005	2.67e-005
277	1.59e-002	-3.73e-003	5.90e-003	4.53e-005	9.10e-005	4.07e-005
278	1.46e-002	-3.71e-003	7.39e-003	5.31e-005	7.82e-005	4.19e-005
279	1.97e-002	-6.22e-003	6.48e-003	6.35e-005	7.64e-005	5.81e-005
280	1.77e-002	-6.29e-003	8.54e-003	6.21e-005	6.22e-005	5.84e-005
281	2.16e-002	-8.27e-003	6.81e-003	7.48e-005	6.12e-005	7.02e-005
282	3.29e-002	-2.15e-002	1.20e-002	8.88e-005	1.04e-004	1.21e-004
283	3.85e-002	-2.15e-002	8.61e-003	8.09e-005	1.28e-004	1.12e-004
284	3.24e-002	1.09e-002	-6.95e-003	-4.96e-005	9.93e-005	1.02e-004
285	2.69e-002	1.09e-002	-1.02e-002	-4.87e-005	9.38e-005	-9.45e-005
286	4.42e-002	1.07e-002	-8.41e-003	-4.38e-005	1.43e-004	1.42e-004
287	3.30e-002	1.07e-002	-1.01e-002	-4.39e-005	1.04e-004	1.38e-004
288	2.53e-002	-2.17e-002	1.23e-002	9.29e-005	7.26e-005	1.28e-004
289	3.24e-002	-2.17e-002	6.99e-003	1.02e-004	9.82e-005	1.44e-004
290	3.29e-002	-1.47e-002	5.93e-003	6.06e-005	1.02e-004	1.26e-004
291	3.30e-002	6.93e-003	-4.08e-003	-2.83e-005	1.02e-004	1.33e-004
292	3.19e-002	-1.29e-002	1.20e-003	6.14e-005	6.86e-005	1.51e-004
293	3.20e-002	7.15e-003	-1.15e-003	-3.38e-005	6.84e-005	1.21e-004
294	2.66e-002	-1.07e-002	3.87e-003	7.63e-005	5.99e-005	8.92e-005
295	2.65e-002	-1.32e-002	5.66e-003	9.55e-005	5.38e-005	9.38e-005
296	2.90e-002	-1.40e-002	3.99e-003	8.18e-005	6.96e-005	1.21e-004
297	2.90e-002	-1.74e-002	6.13e-003	1.03e-004	6.30e-005	1.19e-004
298	3.23e-002	-1.76e-002	3.86e-003	8.38e-005	1.06e-004	1.52e-004
299	2.66e-002	-8.42e-003	2.25e-003	5.80e-005	5.16e-005	8.60e-005
300	2.90e-002	-1.09e-002	2.13e-003	6.06e-005	5.19e-005	1.17e-004
301	2.66e-002	5.57e-003	-3.94e-003	-3.46e-005	6.14e-005	7.14e-005
302	2.66e-002	4.80e-003	-2.27e-003	-2.68e-005	5.26e-005	7.26e-005
303	2.90e-002	7.10e-003	-3.99e-003	-3.84e-005	7.10e-005	9.31e-005
304	2.91e-002	5.98e-003	-2.11e-003	-2.99e-005	5.22e-005	9.64e-005
305	3.23e-002	8.77e-003	-3.78e-003	-4.11e-005	1.07e-004	1.13e-004
306	2.65e-002	6.96e-003	-5.80e-003	-4.63e-005	5.55e-005	7.48e-005
307	2.90e-002	8.91e-003	-6.19e-003	-5.11e-005	6.43e-005	8.92e-005
308	2.39e-002	4.15e-003	9.35e-004	-3.75e-005	3.13e-005	4.87e-005
309	2.66e-002	6.33e-003	9.83e-004	-3.96e-005	5.01e-005	8.15e-005
310	2.92e-002	8.03e-003	9.09e-004	-4.03e-005	4.72e-005	1.10e-004
311	3.10e-002	9.77e-003	8.57e-004	-4.13e-005	1.78e-005	1.40e-004
312	2.38e-002	3.47e-003	-9.41e-004	-2.61e-005	3.21e-005	4.53e-005
313	2.66e-002	5.00e-003	-9.80e-004	-2.76e-005	5.04e-005	7.65e-005
314	2.92e-002	6.19e-003	-8.96e-004	-2.86e-005	4.74e-005	1.02e-004
315	3.10e-002	7.41e-003	8.46e-004	-2.92e-005	1.72e-005	1.31e-004
316	2.38e-002	6.96e-003	-7.35e-003	-4.28e-005	4.96e-005	7.73e-005

317	2.61e-002	8.91e-003	-7.91e-003	-4.60e-005	6.13e-005	-8.58e-005
318	2.93e-002	1.09e-002	-8.52e-003	-4.67e-005	9.67e-005	-9.41e-005
319	2.14e-002	6.98e-003	-9.00e-003	-4.53e-005	4.81e-005	7.64e-005
320	2.36e-002	8.91e-003	-9.68e-003	-4.81e-005	6.15e-005	-8.53e-005
321	2.84e-002	7.16e-003	-8.01e-003	-3.83e-005	1.12e-004	1.00e-004
322	3.25e-002	7.15e-003	-7.38e-003	-3.92e-005	1.30e-004	1.01e-004
323	3.33e-002	8.87e-003	-8.53e-003	-4.13e-005	1.18e-004	1.20e-004
324	3.82e-002	8.87e-003	-7.90e-003	-4.24e-005	1.37e-004	1.21e-004
325	3.84e-002	1.07e-002	-9.02e-003	-4.31e-005	1.24e-004	1.41e-004
326	2.45e-002	7.17e-003	-9.01e-003	-3.93e-005	9.32e-005	9.53e-005
327	2.86e-002	8.88e-003	-9.57e-003	-4.20e-005	9.90e-005	1.16e-004
328	2.45e-002	5.36e-003	-6.31e-003	-2.92e-005	9.10e-005	9.14e-005
329	2.86e-002	6.64e-003	-6.70e-003	-3.15e-005	9.66e-005	1.13e-004
330	3.30e-002	8.01e-003	-7.05e-003	-3.31e-005	1.02e-004	1.36e-004
331	2.45e-002	4.67e-003	-3.67e-003	-2.49e-005	9.12e-005	8.83e-005
332	2.86e-002	5.76e-003	-3.89e-003	-2.68e-005	9.68e-005	1.10e-004
333	2.45e-002	5.51e-003	-9.09e-004	-2.98e-005	9.06e-005	8.55e-005
334	2.86e-002	6.83e-003	-9.47e-004	-3.18e-005	9.64e-005	1.08e-004
335	3.29e-002	8.21e-003	-9.80e-004	-3.32e-005	1.02e-004	1.31e-004
336	2.45e-002	-7.40e-003	2.33e-003	-4.16e-005	9.08e-005	8.32e-005
337	2.86e-002	-9.22e-003	2.50e-003	-4.40e-005	9.65e-005	1.05e-004
338	3.29e-002	-1.11e-002	2.66e-003	-4.55e-005	1.02e-004	1.28e-004
339	2.45e-002	-9.68e-003	5.23e-003	5.60e-005	9.14e-005	8.14e-005
340	2.86e-002	-1.21e-002	5.60e-003	5.91e-005	9.71e-005	1.03e-004
341	2.45e-002	-1.19e-002	7.91e-003	6.96e-005	9.17e-005	8.04e-005
342	2.86e-002	-1.49e-002	8.45e-003	7.33e-005	9.74e-005	1.02e-004
343	3.29e-002	-1.81e-002	8.94e-003	7.49e-005	1.02e-004	1.24e-004
344	2.45e-002	-1.41e-002	1.07e-002	8.33e-005	9.38e-005	8.01e-005
345	2.86e-002	-1.77e-002	1.14e-002	8.73e-005	9.91e-005	1.00e-004
346	2.59e-002	-1.41e-002	9.30e-003	8.12e-005	1.01e-004	8.02e-005
347	3.03e-002	-1.77e-002	9.93e-003	8.77e-005	1.07e-004	9.84e-005
348	3.50e-002	-2.15e-002	1.05e-002	9.03e-005	1.13e-004	1.18e-004
349	2.84e-002	-1.41e-002	7.50e-003	8.33e-005	1.14e-004	8.00e-005
350	3.33e-002	-1.77e-002	8.04e-003	8.91e-005	1.19e-004	9.69e-005
351	2.46e-002	-1.32e-002	7.48e-003	9.40e-005	4.50e-005	9.67e-005
352	2.14e-002	-1.32e-002	1.07e-002	9.47e-005	3.31e-005	9.68e-005
353	2.66e-002	-1.74e-002	8.12e-003	1.03e-004	5.39e-005	1.16e-004
354	2.29e-002	-1.74e-002	1.16e-002	1.02e-004	4.25e-005	1.14e-004
355	2.96e-002	-2.17e-002	8.93e-003	1.02e-004	8.89e-005	1.36e-004
356	0.11	-7.14e-002	1.68e-002	7.60e-005	1.56e-004	4.82e-004
357	0.13	-7.14e-002	1.34e-002	7.73e-005	2.04e-004	4.93e-004
358	0.22	3.95e-002	-1.17e-002	-5.54e-005	3.66e-004	-2.67e-004
359	0.20	3.95e-002	-1.52e-002	-5.64e-005	3.56e-004	-2.52e-004
360	0.14	3.98e-002	-1.18e-002	-5.74e-005	1.73e-004	4.00e-004
361	0.11	3.98e-002	-1.40e-002	-5.73e-005	1.50e-004	4.05e-004
362	0.19	-7.13e-002	1.71e-002	7.94e-005	3.17e-004	5.67e-004
363	0.22	-7.13e-002	1.30e-002	7.73e-005	3.63e-004	5.63e-004
364	0.11	4.57e-002	7.66e-003	-4.14e-005	1.44e-004	4.70e-004
365	0.11	2.59e-002	-5.17e-003	-4.77e-005	1.40e-004	4.25e-004
366	0.22	3.97e-002	-1.08e-002	-3.95e-005	3.70e-004	5.60e-004
367	0.22	2.82e-002	1.23e-002	-3.77e-005	3.73e-004	-2.78e-004
368	3.83e-002	-2.15e-002	3.61e-003	8.26e-005	1.64e-004	1.78e-004
369	3.84e-002	-2.63e-002	8.20e-003	9.64e-005	1.61e-004	1.70e-004
370	4.72e-002	-2.51e-002	3.20e-003	-7.64e-005	2.07e-004	2.02e-004
371	4.72e-002	-3.07e-002	9.31e-003	9.01e-005	2.16e-004	1.98e-004
372	5.82e-002	-2.85e-002	2.91e-003	-7.14e-005	2.52e-004	2.28e-004
373	5.82e-002	-3.48e-002	1.02e-002	-8.58e-005	2.55e-004	2.25e-004
374	7.08e-002	-3.17e-002	2.67e-003	-6.79e-005	2.84e-004	2.57e-004
375	7.08e-002	-3.87e-002	1.09e-002	-8.27e-005	2.85e-004	2.53e-004
376	8.48e-002	-3.48e-002	2.50e-003	-6.64e-005	3.14e-004	2.87e-004
377	8.48e-002	-4.26e-002	1.15e-002	-8.26e-005	3.15e-004	2.84e-004
378	0.10	-3.78e-002	2.38e-003	-6.46e-005	3.32e-004	3.18e-004
379	0.10	-4.64e-002	1.20e-002	-8.19e-005	3.38e-004	3.16e-004
380	0.12	-4.06e-002	2.32e-003	-6.23e-005	3.52e-004	3.52e-004
381	0.12	-5.02e-002	1.24e-002	-8.03e-005	3.51e-004	3.50e-004
382	0.13	-4.34e-002	2.28e-003	-5.98e-005	3.61e-004	3.86e-004
383	0.13	-5.39e-002	1.26e-002	-7.79e-005	3.59e-004	3.84e-004
384	0.15	-4.61e-002	2.30e-003	-5.83e-005	3.71e-004	4.20e-004

385	0.15	-5.75e-002	1.29e-002	-7.72e-005	3.70e-004	4.18e-004
386	0.17	4.86e-002	2.32e-003	-5.70e-005	3.70e-004	4.55e-004
387	0.17	-6.10e-002	1.30e-002	7.67e-005	3.76e-004	4.54e-004
388	0.18	5.11e-002	2.38e-003	-5.63e-005	3.74e-004	4.91e-004
389	0.18	-6.45e-002	1.31e-002	7.64e-005	3.72e-004	4.91e-004
390	0.20	5.36e-002	2.44e-003	5.64e-005	3.69e-004	5.27e-004
391	0.20	-6.79e-002	1.30e-002	7.61e-005	3.65e-004	5.27e-004
392	0.22	5.60e-002	2.55e-003	5.80e-005	3.67e-004	5.61e-004
393	3.84e-002	-1.60e-002	-2.51e-003	6.62e-005	1.69e-004	1.79e-004
394	4.72e-002	-1.89e-002	-4.59e-003	-6.05e-005	2.19e-004	2.04e-004
395	5.82e-002	2.16e-002	-6.34e-003	-5.47e-005	2.61e-004	2.30e-004
396	7.08e-002	2.40e-002	-7.54e-003	-5.10e-005	2.69e-004	2.60e-004
397	8.48e-002	2.62e-002	-8.97e-003	-4.90e-005	3.22e-004	2.88e-004
398	0.10	2.83e-002	-9.91e-003	-4.62e-005	3.41e-004	3.19e-004
399	0.12	3.03e-002	-1.05e-002	-4.32e-005	3.58e-004	3.53e-004
400	0.13	3.21e-002	-1.06e-002	-4.10e-005	3.36e-004	3.88e-004
401	0.15	3.38e-002	-1.12e-002	-3.95e-005	3.76e-004	4.21e-004
402	0.17	3.54e-002	-1.14e-002	-3.75e-005	3.77e-004	4.56e-004
403	0.18	3.69e-002	-1.13e-002	-3.62e-005	3.78e-004	4.91e-004
404	0.20	3.83e-002	-1.07e-002	-3.67e-005	3.40e-004	5.27e-004
405	3.84e-002	1.07e-002	-3.42e-003	-4.21e-005	1.65e-004	1.23e-004
406	3.85e-002	8.78e-003	2.73e-003	-4.04e-005	1.69e-004	1.26e-004
407	4.73e-002	1.26e-002	-2.89e-003	-4.01e-005	2.07e-004	-1.32e-004
408	4.73e-002	1.05e-002	4.93e-003	-3.73e-005	2.18e-004	-1.33e-004
409	5.83e-002	1.44e-002	-2.50e-003	-3.98e-005	2.51e-004	-1.42e-004
410	5.83e-002	1.21e-002	6.79e-003	-3.56e-005	2.60e-004	-1.43e-004
411	7.08e-002	1.62e-002	-2.17e-003	-4.03e-005	2.83e-004	-1.54e-004
412	7.08e-002	1.37e-002	8.13e-003	-3.57e-005	2.69e-004	-1.57e-004
413	8.47e-002	1.80e-002	-1.95e-003	-4.08e-005	3.13e-004	-1.66e-004
414	8.48e-002	1.53e-002	9.70e-003	-3.61e-005	3.21e-004	-1.67e-004
415	0.10	1.98e-002	-1.80e-003	-4.13e-005	3.32e-004	-1.78e-004
416	0.10	1.69e-002	1.08e-002	-3.60e-005	3.41e-004	-1.79e-004
417	0.12	2.17e-002	-1.71e-003	-4.23e-005	3.52e-004	-1.91e-004
418	0.12	1.85e-002	1.15e-002	-3.63e-005	3.59e-004	-1.92e-004
419	0.13	2.36e-002	-1.66e-003	-4.37e-005	3.61e-004	-2.04e-004
420	0.13	2.01e-002	1.17e-002	-3.75e-005	3.36e-004	-2.07e-004
421	0.15	2.56e-002	-1.65e-003	-4.45e-005	3.71e-004	-2.16e-004
422	0.15	2.18e-002	1.24e-002	-3.83e-005	3.77e-004	-2.17e-004
423	0.17	2.76e-002	-1.64e-003	-4.50e-005	3.71e-004	-2.29e-004
424	0.17	2.34e-002	1.26e-002	-3.79e-005	3.77e-004	-2.30e-004
425	0.18	2.96e-002	-1.66e-003	-4.60e-005	3.75e-004	-2.43e-004
426	0.18	2.50e-002	1.26e-002	-3.77e-005	3.79e-004	-2.44e-004
427	0.20	3.16e-002	-1.68e-003	-4.73e-005	3.70e-004	-2.58e-004
428	0.20	2.66e-002	1.21e-002	-3.83e-005	3.42e-004	-2.62e-004
429	0.22	3.36e-002	-1.72e-003	-4.78e-005	3.70e-004	-2.74e-004
430	3.85e-002	1.31e-002	-8.01e-003	-4.55e-005	1.62e-004	-1.15e-004
431	4.73e-002	1.52e-002	-8.95e-003	-4.30e-005	2.15e-004	-1.28e-004
432	5.82e-002	1.72e-002	-9.66e-003	-4.34e-005	2.54e-004	-1.41e-004
433	7.08e-002	1.92e-002	-1.02e-002	-4.43e-005	2.84e-004	-1.52e-004
434	8.48e-002	2.13e-002	-1.07e-002	-4.49e-005	3.15e-004	-1.64e-004
435	0.10	2.34e-002	-1.11e-002	-4.56e-005	3.39e-004	-1.77e-004
436	0.12	2.55e-002	-1.14e-002	-4.72e-005	3.52e-004	-1.90e-004
437	0.13	2.77e-002	-1.16e-002	-4.89e-005	3.59e-004	-2.02e-004
438	0.15	3.00e-002	-1.17e-002	-4.98e-005	3.70e-004	-2.14e-004
439	0.17	3.23e-002	-1.18e-002	-5.08e-005	3.76e-004	-2.27e-004
440	0.18	3.46e-002	-1.18e-002	-5.26e-005	3.73e-004	-2.40e-004
441	0.20	3.70e-002	-1.18e-002	-5.47e-005	3.66e-004	-2.53e-004
442	3.51e-002	1.31e-002	-9.21e-003	-4.54e-005	1.53e-004	-1.07e-004
443	4.34e-002	1.52e-002	-9.89e-003	-4.41e-005	2.06e-004	-1.23e-004
444	5.39e-002	1.72e-002	-1.05e-002	-4.39e-005	2.47e-004	-1.38e-004
445	6.61e-002	1.92e-002	-1.11e-002	-4.42e-005	2.81e-004	-1.50e-004
446	7.97e-002	2.13e-002	-1.15e-002	-4.50e-005	3.09e-004	-1.63e-004
447	9.46e-002	2.34e-002	-1.20e-002	-4.59e-005	3.32e-004	-1.75e-004
448	0.11	2.55e-002	-1.23e-002	-4.71e-005	3.46e-004	-1.88e-004
449	0.13	2.77e-002	-1.26e-002	-4.84e-005	3.56e-004	-2.00e-004
450	0.14	3.00e-002	-1.28e-002	-4.97e-005	3.63e-004	-2.11e-004
451	0.16	3.23e-002	-1.30e-002	-5.10e-005	3.67e-004	-2.24e-004
452	0.18	3.46e-002	-1.32e-002	-5.24e-005	3.65e-004	-2.36e-004

453	0.19	3.70e-002	-1.33e-002	-5.41e-005	3.61e-004	-2.47e-004
454	0.21	3.95e-002	-1.33e-002	-5.53e-005	3.59e-004	-2.56e-004
455	3.23e-002	1.31e-002	-1.08e-002	-4.65e-005	1.45e-004	-1.07e-004
456	4.01e-002	1.52e-002	-1.13e-002	-4.51e-005	1.96e-004	-1.22e-004
457	5.01e-002	1.72e-002	-1.18e-002	-4.51e-005	2.39e-004	-1.36e-004
458	6.19e-002	1.92e-002	-1.23e-002	-4.57e-005	2.74e-004	-1.50e-004
459	7.52e-002	2.13e-002	-1.28e-002	-4.65e-005	3.03e-004	-1.62e-004
460	8.97e-002	2.34e-002	-1.32e-002	-4.73e-005	3.25e-004	-1.75e-004
461	0.11	2.55e-002	-1.36e-002	-4.87e-005	3.40e-004	-1.87e-004
462	0.12	2.77e-002	-1.40e-002	-5.00e-005	3.50e-004	-1.99e-004
463	0.14	3.00e-002	-1.43e-002	-5.11e-005	3.56e-004	-2.11e-004
464	0.15	3.23e-002	-1.46e-002	-5.22e-005	3.59e-004	-2.23e-004
465	0.17	3.46e-002	-1.48e-002	-5.37e-005	3.58e-004	-2.34e-004
466	0.19	3.70e-002	-1.51e-002	-5.53e-005	3.56e-004	-2.44e-004
467	4.43e-002	1.27e-002	-9.52e-003	-4.48e-005	1.29e-004	1.65e-004
468	5.10e-002	1.27e-002	-8.96e-003	-4.52e-005	1.49e-004	1.65e-004
469	5.03e-002	1.48e-002	-9.99e-003	-4.58e-005	1.33e-004	1.88e-004
470	5.80e-002	1.48e-002	-9.48e-003	-4.59e-005	1.53e-004	1.88e-004
471	5.66e-002	1.69e-002	-1.04e-002	-4.65e-005	1.36e-004	2.12e-004
472	6.52e-002	1.69e-002	-9.97e-003	-4.64e-005	1.56e-004	2.12e-004
473	6.30e-002	1.91e-002	-1.08e-002	-4.72e-005	1.39e-004	2.35e-004
474	7.25e-002	1.91e-002	-1.04e-002	-4.70e-005	1.58e-004	2.35e-004
475	6.95e-002	2.12e-002	-1.12e-002	-4.78e-005	1.42e-004	2.58e-004
476	7.99e-002	2.12e-002	-1.08e-002	-4.75e-005	1.60e-004	2.58e-004
477	7.62e-002	2.34e-002	-1.15e-002	-4.87e-005	1.44e-004	2.81e-004
478	8.74e-002	2.34e-002	-1.11e-002	-4.83e-005	1.61e-004	2.80e-004
479	8.29e-002	2.56e-002	-1.17e-002	-4.95e-005	1.46e-004	3.02e-004
480	9.49e-002	2.56e-002	-1.14e-002	-4.90e-005	1.62e-004	3.01e-004
481	8.97e-002	2.78e-002	-1.20e-002	-5.05e-005	1.47e-004	3.22e-004
482	0.10	2.78e-002	-1.16e-002	-5.01e-005	1.62e-004	3.21e-004
483	0.10	3.01e-002	-1.22e-002	-5.15e-005	1.48e-004	3.41e-004
484	0.11	3.01e-002	-1.17e-002	-5.11e-005	1.62e-004	3.40e-004
485	0.10	3.24e-002	-1.23e-002	-5.27e-005	1.48e-004	3.58e-004
486	0.12	3.24e-002	-1.19e-002	-5.24e-005	1.62e-004	3.57e-004
487	0.11	3.48e-002	-1.24e-002	-5.39e-005	1.49e-004	3.74e-004
488	0.13	3.48e-002	-1.19e-002	-5.36e-005	1.62e-004	3.73e-004
489	0.12	3.73e-002	-1.25e-002	-5.60e-005	1.53e-004	3.88e-004
490	0.13	3.72e-002	-1.19e-002	-5.53e-005	1.65e-004	3.87e-004
491	0.12	3.98e-002	-1.26e-002	-5.83e-005	1.62e-004	4.01e-004
492	3.79e-002	1.27e-002	-1.06e-002	-4.53e-005	1.09e-004	1.63e-004
493	4.31e-002	1.48e-002	-1.10e-002	-4.61e-005	1.13e-004	1.87e-004
494	4.85e-002	1.69e-002	-1.14e-002	-4.67e-005	1.17e-004	2.12e-004
495	5.41e-002	1.91e-002	-1.17e-002	-4.73e-005	1.21e-004	2.35e-004
496	5.98e-002	2.12e-002	-1.21e-002	-4.79e-005	1.24e-004	2.59e-004
497	6.57e-002	2.34e-002	-1.23e-002	-4.86e-005	1.27e-004	2.81e-004
498	7.17e-002	2.56e-002	-1.26e-002	-4.94e-005	1.30e-004	3.03e-004
499	7.78e-002	2.78e-002	-1.29e-002	-5.04e-005	1.32e-004	3.24e-004
500	8.40e-002	3.01e-002	-1.31e-002	-5.15e-005	1.34e-004	3.43e-004
501	9.03e-002	3.24e-002	-1.33e-002	-5.26e-005	1.35e-004	3.61e-004
502	0.10	3.48e-002	-1.34e-002	-5.36e-005	1.37e-004	3.78e-004
503	0.10	3.73e-002	-1.36e-002	-5.53e-005	1.39e-004	3.92e-004
504	3.79e-002	9.57e-003	-7.39e-003	-3.45e-005	1.07e-004	1.61e-004
505	4.31e-002	1.12e-002	-7.69e-003	-3.56e-005	1.11e-004	1.86e-004
506	4.85e-002	1.28e-002	-7.96e-003	-3.64e-005	1.15e-004	2.11e-004
507	5.41e-002	1.45e-002	-8.21e-003	-3.72e-005	1.19e-004	2.35e-004
508	5.98e-002	1.62e-002	-8.43e-003	-3.80e-005	1.22e-004	2.59e-004
509	6.57e-002	1.79e-002	-8.64e-003	-3.87e-005	1.25e-004	2.81e-004
510	7.17e-002	1.97e-002	-8.83e-003	-3.96e-005	1.28e-004	3.03e-004
511	7.78e-002	2.15e-002	-9.00e-003	-4.07e-005	1.30e-004	3.25e-004
512	8.40e-002	2.33e-002	-9.16e-003	-4.19e-005	1.32e-004	3.45e-004
513	9.03e-002	2.52e-002	-9.29e-003	-4.35e-005	1.34e-004	3.64e-004
514	0.10	2.72e-002	-9.40e-003	-4.57e-005	1.36e-004	3.82e-004
515	0.10	2.92e-002	-9.47e-003	-4.89e-005	1.39e-004	3.98e-004
516	0.11	3.14e-002	-9.46e-003	-5.21e-005	1.50e-004	4.12e-004
517	3.79e-002	8.26e-003	-4.27e-003	-2.97e-005	1.07e-004	1.59e-004
518	4.31e-002	9.66e-003	-4.44e-003	-3.08e-005	1.12e-004	1.84e-004
519	4.85e-002	1.11e-002	-4.59e-003	-3.16e-005	1.16e-004	2.10e-004
520	5.41e-002	1.25e-002	-4.73e-003	-3.21e-005	1.19e-004	2.34e-004

521	5.98e-002	1.40e-002	-4.85e-003	-3.26e-005	1.23e-004	2.58e-004
522	6.57e-002	1.55e-002	-4.97e-003	-3.29e-005	1.26e-004	2.81e-004
523	7.17e-002	1.69e-002	-5.08e-003	-3.32e-005	1.28e-004	3.04e-004
524	7.78e-002	1.84e-002	-5.18e-003	-3.36e-005	1.30e-004	3.26e-004
525	8.40e-002	1.99e-002	-5.27e-003	-3.44e-005	1.33e-004	3.47e-004
526	9.03e-002	2.13e-002	-5.35e-003	-3.56e-005	1.34e-004	3.68e-004
527	0.10	2.28e-002	-5.40e-003	-3.76e-005	1.36e-004	3.88e-004
528	0.10	2.43e-002	-5.37e-003	-4.13e-005	1.36e-004	4.07e-004
529	3.79e-002	9.77e-003	-1.01e-003	-3.44e-005	1.07e-004	1.56e-004
530	4.31e-002	1.14e-002	-1.03e-003	-3.51e-005	1.11e-004	1.82e-004
531	4.85e-002	1.30e-002	-1.05e-003	-3.53e-005	1.15e-004	2.08e-004
532	5.41e-002	1.46e-002	-1.07e-003	-3.50e-005	1.19e-004	2.33e-004
533	5.98e-002	1.62e-002	-1.09e-003	-3.45e-005	1.22e-004	2.57e-004
534	6.57e-002	1.77e-002	-1.10e-003	-3.37e-005	1.25e-004	2.81e-004
535	7.17e-002	1.92e-002	-1.11e-003	-3.28e-005	1.28e-004	3.04e-004
536	7.78e-002	2.06e-002	-1.13e-003	-3.18e-005	1.30e-004	3.27e-004
537	8.40e-002	2.19e-002	-1.15e-003	-3.10e-005	1.32e-004	3.50e-004
538	9.03e-002	2.32e-002	-1.16e-003	-3.05e-005	1.34e-004	3.73e-004
539	0.10	2.43e-002	-1.18e-003	-3.07e-005	1.35e-004	3.95e-004
540	0.10	2.53e-002	-1.15e-003	-3.19e-005	1.35e-004	4.17e-004
541	0.11	2.63e-002	-1.14e-003	-3.32e-005	1.26e-004	4.42e-004
542	3.79e-002	-1.33e-002	2.82e-003	-4.66e-005	1.07e-004	1.54e-004
543	4.31e-002	-1.54e-002	2.96e-003	-4.70e-005	1.11e-004	1.80e-004
544	4.85e-002	1.76e-002	3.09e-003	-4.65e-005	1.15e-004	2.06e-004
545	5.41e-002	1.97e-002	3.20e-003	-4.53e-005	1.19e-004	2.31e-004
546	5.98e-002	2.18e-002	3.29e-003	-4.40e-005	1.22e-004	2.56e-004
547	6.57e-002	2.37e-002	3.37e-003	-4.24e-005	1.25e-004	2.80e-004
548	7.17e-002	2.56e-002	3.45e-003	-4.04e-005	1.28e-004	3.04e-004
549	7.78e-002	2.74e-002	3.50e-003	-3.82e-005	1.30e-004	3.29e-004
550	8.40e-002	2.90e-002	3.55e-003	-3.60e-005	1.32e-004	3.53e-004
551	9.03e-002	3.05e-002	3.58e-003	-3.38e-005	1.34e-004	3.77e-004
552	0.10	3.18e-002	3.58e-003	-3.16e-005	1.35e-004	4.02e-004
553	0.10	3.29e-002	3.51e-003	-3.02e-005	1.36e-004	4.27e-004
554	0.11	3.39e-002	3.47e-003	-2.99e-005	1.25e-004	4.54e-004
555	3.79e-002	-1.75e-002	6.26e-003	6.20e-005	1.07e-004	1.51e-004
556	4.31e-002	-2.04e-002	6.56e-003	-6.25e-005	1.12e-004	1.77e-004
557	4.85e-002	-2.33e-002	6.82e-003	-6.15e-005	1.16e-004	2.03e-004
558	5.41e-002	-2.61e-002	7.05e-003	-5.95e-005	1.20e-004	2.28e-004
559	5.98e-002	-2.88e-002	7.26e-003	-5.77e-005	1.23e-004	2.54e-004
560	6.57e-002	-3.14e-002	7.44e-003	-5.58e-005	1.26e-004	2.79e-004
561	7.17e-002	-3.39e-002	7.61e-003	-5.33e-005	1.28e-004	3.04e-004
562	7.78e-002	-3.62e-002	7.75e-003	-5.05e-005	1.31e-004	3.29e-004
563	8.40e-002	-3.85e-002	7.86e-003	-4.81e-005	1.33e-004	3.55e-004
564	9.03e-002	4.05e-002	7.95e-003	-4.54e-005	1.35e-004	3.81e-004
565	0.10	4.24e-002	8.00e-003	-4.22e-005	1.37e-004	4.08e-004
566	0.10	4.41e-002	7.94e-003	-4.02e-005	1.37e-004	4.37e-004
567	3.79e-002	-2.16e-002	9.42e-003	7.68e-005	1.07e-004	1.48e-004
568	4.31e-002	-2.52e-002	9.85e-003	7.76e-005	1.12e-004	1.74e-004
569	4.85e-002	-2.87e-002	1.02e-002	7.64e-005	1.16e-004	2.00e-004
570	5.41e-002	-3.22e-002	1.06e-002	-7.37e-005	1.20e-004	2.26e-004
571	5.98e-002	-3.56e-002	1.09e-002	-7.21e-005	1.23e-004	2.51e-004
572	6.57e-002	-3.89e-002	1.12e-002	-7.02e-005	1.26e-004	2.77e-004
573	7.17e-002	-4.20e-002	1.14e-002	-6.74e-005	1.28e-004	3.03e-004
574	7.78e-002	-4.50e-002	1.16e-002	-6.44e-005	1.31e-004	3.29e-004
575	8.40e-002	-4.79e-002	1.18e-002	-6.26e-005	1.33e-004	3.56e-004
576	9.03e-002	-5.07e-002	1.19e-002	-6.02e-005	1.35e-004	3.84e-004
577	0.10	-5.33e-002	1.21e-002	-5.70e-005	1.38e-004	4.13e-004
578	0.10	-5.57e-002	1.21e-002	-5.52e-005	1.42e-004	4.43e-004
579	0.11	-5.82e-002	1.21e-002	-5.71e-005	1.57e-004	4.76e-004
580	3.79e-002	-2.57e-002	1.26e-002	9.20e-005	1.09e-004	1.45e-004
581	4.31e-002	-3.00e-002	1.32e-002	9.34e-005	1.14e-004	1.71e-004
582	4.85e-002	-3.43e-002	1.37e-002	9.18e-005	1.18e-004	1.96e-004
583	5.41e-002	-3.85e-002	1.41e-002	8.84e-005	1.21e-004	2.22e-004
584	5.98e-002	-4.25e-002	1.45e-002	8.76e-005	1.25e-004	2.48e-004
585	6.57e-002	-4.66e-002	1.49e-002	8.61e-005	1.27e-004	2.75e-004
586	7.17e-002	-5.04e-002	1.52e-002	-8.30e-005	1.30e-004	3.02e-004
587	7.78e-002	-5.42e-002	1.55e-002	7.96e-005	1.32e-004	3.29e-004
588	8.40e-002	-5.78e-002	1.58e-002	7.90e-005	1.34e-004	3.57e-004

589	9.03e-002	-6.14e-002	1.60e-002	7.73e-005	1.36e-004	3.86e-004
590	0.10	-6.48e-002	1.62e-002	7.41e-005	1.37e-004	4.17e-004
591	0.10	-6.81e-002	1.64e-002	7.20e-005	1.41e-004	4.49e-004
592	4.04e-002	-2.57e-002	1.11e-002	9.28e-005	1.19e-004	1.43e-004
593	4.61e-002	-3.00e-002	1.17e-002	9.23e-005	1.23e-004	1.69e-004
594	5.19e-002	-3.43e-002	1.22e-002	9.30e-005	1.27e-004	1.93e-004
595	5.79e-002	-3.85e-002	1.27e-002	9.06e-005	1.31e-004	2.18e-004
596	6.40e-002	-4.25e-002	1.32e-002	8.90e-005	1.35e-004	2.45e-004
597	7.04e-002	-4.66e-002	1.35e-002	8.58e-005	1.38e-004	2.74e-004
598	7.68e-002	-5.05e-002	1.39e-002	8.44e-005	1.40e-004	3.01e-004
599	8.34e-002	-5.42e-002	1.42e-002	8.19e-005	1.43e-004	3.28e-004
600	9.01e-002	-5.78e-002	1.45e-002	8.05e-005	1.46e-004	3.57e-004
601	0.10	-6.14e-002	1.47e-002	7.68e-005	1.48e-004	3.88e-004
602	0.10	-6.48e-002	1.50e-002	7.56e-005	1.51e-004	4.19e-004
603	0.11	-6.81e-002	1.52e-002	7.47e-005	1.57e-004	4.52e-004
604	0.12	-7.14e-002	1.55e-002	7.85e-005	1.74e-004	4.88e-004
605	4.48e-002	-2.57e-002	9.15e-003	9.32e-005	1.37e-004	1.41e-004
606	5.12e-002	-3.00e-002	9.70e-003	9.30e-005	1.39e-004	1.67e-004
607	5.77e-002	-3.43e-002	1.02e-002	9.29e-005	1.41e-004	1.91e-004
608	6.43e-002	-3.85e-002	1.08e-002	8.05e-005	1.48e-004	2.10e-004
609	7.14e-002	-4.25e-002	1.12e-002	-8.84e-005	1.54e-004	2.43e-004
610	7.86e-002	-4.66e-002	1.17e-002	-8.55e-005	1.56e-004	2.73e-004
611	8.59e-002	-5.05e-002	1.21e-002	-8.37e-005	1.58e-004	3.00e-004
612	9.33e-002	-5.42e-002	1.24e-002	7.20e-005	1.62e-004	3.25e-004
613	0.10	-5.78e-002	1.27e-002	-8.00e-005	1.67e-004	3.57e-004
614	0.11	-6.14e-002	1.30e-002	-7.69e-005	1.71e-004	3.88e-004
615	0.12	-6.48e-002	1.32e-002	-7.52e-005	1.76e-004	4.21e-004
616	0.13	-6.81e-002	1.34e-002	6.57e-005	1.85e-004	4.56e-004
617	3.51e-002	-2.63e-002	9.90e-003	9.60e-005	1.49e-004	1.64e-004
618	2.98e-002	-2.63e-002	1.31e-002	9.90e-005	1.26e-004	1.61e-004
619	4.33e-002	-3.07e-002	1.08e-002	8.80e-005	2.03e-004	1.95e-004
620	3.69e-002	-3.07e-002	1.37e-002	9.24e-005	1.81e-004	1.92e-004
621	5.37e-002	-3.48e-002	1.16e-002	-8.55e-005	2.43e-004	2.22e-004
622	4.63e-002	-3.48e-002	1.43e-002	8.93e-005	2.24e-004	2.20e-004
623	0.21	6.51e-002	-5.84e-003	-6.51e-004	7.11e-004	6.20e-004
624	0.21	-8.73e-002	8.17e-003	6.13e-004	7.04e-004	7.08e-004
625	0.48	0.16	-1.32e-002	-1.02e-003	1.48e-003	-2.58e-004
626	4.99e-004	-1.13e-004	-2.16e-003	-2.32e-006	3.97e-005	-9.64e-007
627	0.31	0.16	-1.28e-002	-1.02e-003	1.17e-003	4.26e-004
628	1.98e-003	-2.90e-004	2.54e-003	4.08e-006	2.80e-005	-2.22e-006
629	3.28e-004	1.44e-004	1.72e-003	5.68e-006	5.07e-005	3.48e-006
630	1.86e-003	-3.05e-004	2.64e-003	4.27e-006	2.71e-005	5.73e-006
631	4.54e-004	-8.37e-005	1.27e-004	8.02e-006	9.91e-006	-8.13e-007
632	4.61e-004	5.58e-005	-1.32e-004	-8.38e-006	1.04e-005	-7.43e-007
633	4.49e-004	-9.91e-005	6.79e-004	1.27e-005	2.76e-005	-1.23e-006
634	4.71e-004	-5.30e-005	-1.69e-005	2.17e-006	-3.35e-007	9.76e-007
635	4.72e-004	3.50e-005	1.74e-005	-1.95e-006	3.51e-007	8.77e-007
636	4.57e-004	-6.94e-005	-7.17e-004	-1.35e-005	2.94e-005	-1.83e-006
637	4.44e-004	4.94e-005	1.03e-004	-7.70e-006	9.15e-006	9.90e-007
638	4.53e-004	-5.18e-005	-9.98e-005	9.01e-006	1.09e-005	1.03e-006
639	4.37e-004	8.66e-005	6.88e-004	-1.22e-005	3.10e-005	2.00e-006
640	4.57e-004	4.15e-005	-2.08e-005	-1.24e-006	-1.25e-006	-7.04e-007
641	4.60e-004	-4.72e-005	4.96e-005	2.95e-006	-6.14e-007	-7.12e-007
642	4.48e-004	-6.81e-005	-7.31e-004	1.31e-005	3.22e-005	2.40e-006
643	4.59e-004	-4.65e-005	4.31e-005	-2.15e-007	3.42e-006	-8.86e-007
644	4.72e-004	4.10e-005	-5.17e-005	6.34e-006	1.42e-006	-1.88e-006
645	4.20e-004	-1.10e-004	3.36e-004	-7.03e-006	2.35e-005	-1.37e-006
646	1.49e-003	-3.53e-004	1.71e-003	1.06e-005	2.07e-005	-2.41e-006
647	1.46e-003	-2.98e-004	1.03e-003	8.43e-006	2.38e-005	3.77e-006
648	3.19e-004	1.20e-004	1.30e-003	-2.61e-006	3.72e-005	-2.46e-006
649	5.75e-004	-9.39e-005	8.85e-005	-4.54e-006	3.43e-006	1.44e-006
650	1.42e-003	-2.10e-004	4.77e-004	6.02e-006	2.03e-005	2.91e-006
651	3.87e-004	7.56e-005	-4.10e-004	9.35e-006	2.51e-005	-1.62e-006
652	5.65e-004	7.07e-005	9.22e-005	6.28e-006	3.25e-006	1.57e-006
653	1.46e-003	1.90e-004	-1.18e-003	-6.46e-006	2.52e-005	2.12e-006
654	1.42e-003	1.53e-004	-5.78e-004	-5.00e-006	2.08e-005	1.97e-006
655	2.65e-004	-9.29e-005	-1.44e-003	3.81e-006	4.01e-005	-3.81e-006
656	1.51e-003	1.82e-004	-1.91e-003	-8.47e-006	2.09e-005	-4.80e-006

657	3.84e-004	5.06e-005	7.09e-004	2.01e-005	2.98e-005	-1.77e-006
658	2.68e-004	1.19e-004	1.96e-003	1.34e-005	4.86e-005	3.65e-006
659	1.69e-003	-3.13e-004	1.83e-003	2.34e-006	2.88e-005	-1.73e-006
660	1.76e-003	-3.29e-004	2.68e-003	-2.00e-006	2.67e-005	3.16e-006
661	5.50e-004	3.69e-005	2.73e-004	1.37e-005	4.62e-006	-1.08e-006
662	1.60e-003	-3.01e-004	1.08e-003	2.33e-006	2.62e-005	2.15e-006
663	3.52e-004	-5.66e-005	-5.84e-004	-1.53e-005	3.10e-005	2.43e-006
664	5.22e-004	-6.57e-005	-1.22e-004	-9.22e-006	7.02e-006	-5.96e-007
665	1.67e-003	1.82e-004	-1.60e-003	-2.53e-006	3.01e-005	-1.69e-006
666	1.59e-003	1.52e-004	-8.02e-004	2.66e-006	2.68e-005	3.02e-006
667	2.32e-004	1.19e-004	-1.84e-003	-9.40e-006	4.83e-005	4.82e-006
668	1.75e-003	2.51e-004	-2.50e-003	-2.88e-006	2.68e-005	5.94e-006
669	6.75e-004	-5.70e-005	1.15e-004	-2.32e-006	-6.35e-007	2.50e-006
670	1.41e-003	-1.48e-004	1.66e-004	2.87e-006	1.74e-005	2.34e-006
671	6.73e-004	3.83e-005	1.08e-004	3.31e-006	-6.13e-007	2.54e-006
672	1.41e-003	1.31e-004	-2.34e-004	-2.61e-006	1.76e-005	2.09e-006
673	6.23e-004	4.01e-005	2.16e-004	6.55e-006	3.06e-006	-1.53e-006
674	1.54e-003	-2.21e-004	4.77e-004	2.58e-006	2.53e-005	3.98e-006
675	6.12e-004	-5.65e-005	-1.51e-004	-2.96e-006	4.02e-006	-1.35e-006
676	1.54e-003	1.43e-004	-2.09e-004	2.50e-006	2.55e-005	4.25e-006
677	3.14e-004	1.33e-004	-1.70e-003	-2.85e-006	5.01e-005	4.01e-006
678	0.32	6.53e-002	-1.33e-002	-7.12e-004	1.39e-003	-2.58e-004
679	0.19	6.63e-002	-1.28e-002	-7.12e-004	1.01e-003	4.26e-004
680	4.44e-004	1.68e-004	-1.93e-003	1.10e-005	4.44e-005	3.38e-006
681	0.47	0.10	9.80e-004	-6.34e-006	9.89e-005	1.86e-003
682	4.62e-004	-3.71e-005	-3.75e-005	3.98e-007	3.81e-006	-8.69e-007
683	4.95e-004	-9.47e-005	-8.34e-005	-1.96e-006	2.22e-006	2.28e-006
684	5.28e-004	4.04e-005	9.38e-005	4.90e-006	-2.35e-006	-2.88e-006
685	4.64e-004	-6.35e-005	8.64e-005	-3.12e-006	3.57e-006	-1.40e-006
686	5.24e-004	-5.42e-005	1.28e-004	-2.23e-006	-1.34e-006	-2.62e-006
687	4.90e-004	6.82e-005	6.82e-005	-1.96e-006	1.96e-006	2.16e-006
688	4.90e-004	-7.39e-005	-1.04e-003	-5.31e-007	3.22e-005	-1.04e-006
689	4.75e-004	-4.87e-005	-3.28e-004	4.49e-007	1.61e-005	-8.94e-007
690	4.73e-004	9.88e-005	9.80e-004	4.80e-007	3.05e-005	-1.14e-006
691	4.64e-004	6.85e-005	3.09e-004	-5.40e-007	1.50e-005	-9.10e-007
692	5.59e-004	-5.60e-005	-8.30e-005	-1.86e-006	-2.65e-006	3.70e-006
693	5.58e-004	3.72e-005	6.75e-005	2.36e-006	-2.85e-006	3.58e-006
694	0.00	0.00	0.00	0.00	0.00	0.00
695	0.00	0.00	0.00	0.00	0.00	0.00
696	0.13	5.35e-002	7.44e-003	8.49e-005	2.09e-004	5.22e-004
697	0.13	3.15e-002	-5.13e-003	-7.79e-005	1.99e-004	4.22e-004
698	0.64	0.22	-1.08e-002	-9.38e-005	3.68e-004	1.84e-003
699	0.64	-0.23	1.23e-002	1.17e-004	3.71e-004	1.84e-003
700	0.31	-0.23	1.74e-002	8.26e-005	1.70e-004	1.86e-003
701	0.31	0.22	-1.45e-002	-6.50e-005	1.63e-004	1.86e-003
702	0.31	0.13	-5.92e-003	-1.68e-005	1.44e-004	1.85e-003
703	0.31	-0.15	8.26e-003	-1.46e-005	1.52e-004	1.85e-003
704	0.26	4.90e-002	-6.03e-003	6.99e-005	3.11e-004	6.27e-004
705	0.26	3.34e-002	7.45e-003	-4.93e-005	3.07e-004	3.58e-004
706	0.64	0.13	5.59e-003	-1.96e-004	1.18e-004	1.85e-003
707	0.64	-0.15	-4.20e-003	2.07e-004	1.18e-004	1.85e-003
708	0.23	-7.94e-002	1.61e-002	7.25e-005	3.55e-004	6.69e-004
709	0.15	-7.97e-002	1.42e-002	7.88e-005	2.66e-004	6.22e-004
710	0.38	0.22	-1.29e-002	-2.65e-005	1.29e-004	1.87e-003

SPOSTAMENTI NODALI "Dinamica SLDh Y" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	3.85e-005	4.30e-004	4.68e-004	-3.25e-005	7.72e-006	-1.50e-006
2	2.54e-002	0.72	2.99e-002	-9.41e-004	3.57e-005	-7.17e-005
3	2.54e-002	0.73	3.08e-002	-9.32e-004	3.83e-005	-6.84e-005
4	4.63e-005	4.53e-004	4.44e-004	-3.35e-005	-4.60e-006	1.76e-006
5	2.67e-002	0.76	2.99e-002	-9.58e-004	3.31e-005	-7.01e-005
6	2.41e-002	0.69	2.91e-002	-9.43e-004	3.75e-005	-7.77e-005
7	2.54e-002	0.72	2.92e-002	-9.38e-004	3.47e-005	-7.60e-005
8	2.62e-002	0.69	-1.51e-002	-9.42e-004	3.52e-005	-7.99e-005
9	2.75e-002	0.72	-1.51e-002	-9.36e-004	3.69e-005	-7.98e-005
10	2.89e-002	0.76	-1.49e-002	-9.60e-004	4.37e-005	-7.95e-005

11	-5.01e-005	4.46e-004	-4.39e-004	-3.76e-005	4.29e-006	1.96e-006
12	2.88e-002	0.69	-5.93e-002	-9.44e-004	3.49e-005	-8.06e-005
13	3.00e-002	0.72	-5.94e-002	-9.45e-004	3.75e-005	-8.04e-005
14	-4.98e-005	4.65e-004	-4.76e-004	-3.88e-005	-4.07e-006	-1.56e-006
15	2.11e-002	0.69	1.85e-002	-9.43e-004	4.83e-005	-1.17e-004
16	1.73e-002	0.69	6.26e-002	-9.45e-004	4.83e-005	-1.18e-004
17	4.85e-004	4.22e-003	-4.52e-003	-4.89e-005	-8.17e-006	-5.61e-006
18	2.28e-002	0.72	1.85e-002	-9.38e-004	4.95e-005	-1.18e-004
19	1.90e-002	0.72	6.28e-002	-9.47e-004	4.95e-005	-1.18e-004
20	2.46e-002	0.76	1.83e-002	-9.61e-004	5.14e-005	-1.19e-004
21	2.54e-002	0.69	-2.59e-002	-9.44e-004	4.94e-005	-1.14e-004
22	2.72e-002	0.72	-2.61e-002	-9.41e-004	5.34e-005	-1.17e-004
23	2.54e-002	0.69	-2.45e-002	-9.45e-004	5.01e-005	-1.08e-004
24	2.72e-002	0.73	-2.45e-002	-9.53e-004	5.29e-005	-1.15e-004
25	2.91e-002	0.76	-2.45e-002	-9.76e-004	5.35e-005	-1.28e-004
26	2.54e-002	0.69	-2.31e-002	-9.52e-004	4.96e-005	-1.05e-004
27	2.72e-002	0.73	-2.31e-002	-9.63e-004	5.30e-005	-1.14e-004
28	-7.74e-004	7.80e-003	-6.13e-003	-9.89e-005	-6.83e-006	-7.28e-006
29	2.46e-002	0.69	-1.91e-002	-7.88e-004	4.05e-005	-6.09e-005
30	2.46e-002	0.69	-2.00e-002	-7.93e-004	3.97e-005	-6.09e-005
31	2.62e-002	0.72	-1.90e-002	-7.66e-004	4.72e-005	-6.24e-005
32	2.62e-002	0.72	-2.01e-002	-7.76e-004	4.69e-005	-6.26e-005
33	2.80e-002	0.75	-1.89e-002	-7.78e-004	5.13e-005	-6.91e-005
34	2.46e-002	0.69	-1.82e-002	-7.88e-004	3.91e-005	-6.17e-005
35	2.62e-002	0.72	-1.78e-002	-7.57e-004	4.81e-005	-6.35e-005
36	2.40e-002	0.69	-2.26e-003	-7.81e-004	4.18e-005	-6.31e-005
37	2.57e-002	0.72	-2.31e-003	-7.72e-004	4.82e-005	-6.54e-005
38	8.58e-004	6.51e-003	-4.65e-003	-5.92e-005	1.52e-005	1.04e-005
39	1.10e-003	6.78e-003	-7.16e-004	-4.42e-005	1.41e-005	3.90e-006
40	2.75e-002	0.75	-2.25e-003	-7.36e-004	5.13e-005	-6.88e-005
41	2.31e-002	0.69	2.85e-002	-7.82e-004	4.52e-005	-6.48e-005
42	2.47e-002	0.72	2.72e-002	-7.91e-004	4.63e-005	-6.83e-005
43	2.36e-002	0.69	8.79e-003	-7.82e-004	3.30e-005	7.57e-005
44	-5.00e-004	7.43e-003	6.18e-003	-8.93e-005	-8.53e-006	-4.37e-006
45	-6.32e-004	6.96e-003	-8.09e-004	3.59e-005	-5.26e-006	-3.60e-006
46	-6.72e-004	7.01e-003	1.43e-003	3.33e-005	-5.76e-006	-3.12e-006
47	-7.70e-004	7.59e-003	-5.87e-003	-9.36e-005	-6.87e-006	-6.07e-006
48	8.90e-004	6.71e-003	1.78e-003	-4.55e-005	7.06e-006	-3.90e-006
49	8.51e-004	6.41e-003	5.81e-003	-5.81e-005	7.57e-006	3.19e-006
50	2.21e-002	0.69	-2.06e-002	-7.85e-004	3.16e-005	7.40e-005
51	2.47e-002	0.72	8.87e-003	-7.76e-004	-2.81e-005	7.83e-005
52	2.32e-002	0.72	-1.94e-002	-7.97e-004	3.12e-005	-7.44e-005
53	2.57e-002	0.75	8.67e-003	-7.41e-004	-3.16e-005	-7.80e-005
54	8.43e-004	7.27e-003	-5.68e-003	-8.03e-005	1.03e-005	1.34e-005
55	7.83e-004	7.95e-003	-6.21e-003	-9.88e-005	6.52e-006	-3.58e-006
56	8.77e-004	6.78e-003	5.05e-003	-6.37e-005	4.09e-005	9.05e-006
57	-5.50e-004	7.61e-003	5.27e-003	-8.81e-005	-4.31e-005	-1.78e-006
58	4.67e-002	1.13	1.28e-002	-2.59e-004	3.62e-004	7.26e-004
59	8.84e-002	1.13	-5.02e-003	-2.61e-004	-3.31e-004	7.27e-004
60	8.85e-002	1.25	-9.56e-003	-3.35e-004	4.40e-004	7.26e-004
61	-6.12e-003	0.30	5.36e-003	-8.49e-004	2.79e-005	-2.83e-005
62	-6.09e-003	0.30	-2.52e-002	-7.76e-004	2.58e-005	-2.78e-005
63	4.67e-002	1.16	-4.25e-003	-2.66e-004	2.06e-004	7.29e-004
64	8.84e-002	1.16	1.05e-002	-2.50e-004	-1.87e-004	7.29e-004
65	4.67e-002	1.22	-5.28e-003	-2.97e-004	-2.02e-004	7.28e-004
66	8.85e-002	1.22	1.06e-002	-3.18e-004	2.30e-004	7.28e-004
67	0.11	0.66	0.00	7.61e-005	2.03e-006	-1.71e-004
68	0.11	0.66	0.00	5.99e-005	2.03e-006	-1.17e-004
69	4.71e-002	0.66	-1.79e-002	7.61e-005	2.69e-005	-3.48e-004
70	7.25e-002	0.66	-1.22e-002	7.61e-005	1.83e-005	-3.12e-004
71	3.04e-004	2.16e-003	-1.10e-003	-3.85e-005	-4.70e-006	-3.27e-006
72	6.91e-005	8.31e-004	4.13e-004	-7.57e-006	-1.67e-005	2.95e-006
73	9.37e-002	0.66	-6.48e-003	7.61e-005	9.73e-006	-2.23e-004
74	4.72e-002	0.66	-1.41e-002	5.99e-005	2.69e-005	-3.23e-004
75	4.90e-004	4.08e-003	-2.56e-003	-5.06e-005	8.70e-006	5.02e-006
76	-4.72e-004	4.02e-003	-3.64e-003	-4.31e-005	8.58e-006	3.94e-006
77	9.73e-004	6.64e-003	-2.95e-003	-7.50e-005	1.47e-005	9.01e-006
78	-2.37e-004	2.13e-003	3.38e-004	-2.33e-005	-3.47e-006	-5.01e-006

79	1.57e-004	6.45e-004	1.05e-003	-3.20e-005	-2.63e-005	3.09e-006
80	5.57e-004	4.18e-003	-9.80e-004	-4.24e-005	9.13e-006	4.63e-006
81	7.25e-002	0.66	-9.60e-003	5.99e-005	1.83e-005	-2.89e-004
82	-2.26e-004	2.18e-003	1.31e-003	-3.57e-005	5.26e-006	1.88e-006
83	-8.73e-005	6.40e-004	1.21e-003	-3.20e-005	3.16e-005	-4.42e-006
84	4.46e-004	4.02e-003	3.36e-003	-4.72e-005	5.70e-006	-4.27e-006
85	8.27e-004	6.54e-003	4.13e-003	-7.31e-005	7.41e-006	2.75e-006
86	3.24e-004	2.11e-003	2.34e-003	-3.31e-005	-2.36e-006	-6.03e-006
87	-4.45e-005	7.67e-004	6.01e-004	-6.45e-006	2.12e-005	-2.76e-006
88	3.83e-004	3.97e-003	4.34e-003	-4.14e-005	6.76e-006	-1.88e-006
89	9.37e-002	0.66	-5.10e-003	5.99e-005	9.73e-006	-2.09e-004
90	4.36e-004	2.05e-003	1.32e-003	-3.06e-005	-2.59e-006	1.69e-006
91	7.18e-005	8.10e-004	4.15e-004	-6.91e-006	7.18e-006	-2.59e-006
92	6.17e-004	4.22e-003	5.94e-004	-3.60e-005	7.01e-006	2.74e-006
93	1.05e-003	7.10e-003	7.06e-004	-3.80e-005	1.02e-005	-3.99e-006
94	3.35e-004	2.02e-003	4.87e-004	-3.07e-005	4.90e-006	6.07e-006
95	8.69e-005	6.88e-004	-2.19e-004	-1.13e-005	-1.06e-005	-1.51e-006
96	5.75e-004	4.14e-003	1.88e-003	-4.13e-005	4.85e-006	-2.94e-006
97	0.11	0.66	-1.33e-003	7.61e-005	2.03e-006	-1.71e-004
98	-7.48e-003	0.34	5.74e-003	-8.76e-004	3.49e-005	-3.24e-005
99	-7.32e-003	0.34	-2.66e-002	-8.84e-004	3.17e-005	-3.22e-005
100	3.16e-004	4.01e-003	4.15e-003	-4.24e-005	5.26e-006	3.90e-006
101	8.57e-004	6.55e-003	5.83e-003	-6.36e-005	8.56e-006	6.18e-006
102	9.11e-003	0.38	6.06e-003	-8.80e-004	4.04e-005	-3.69e-005
103	8.80e-003	0.38	-2.69e-002	-8.93e-004	3.67e-005	-3.68e-005
104	2.89e-004	4.17e-003	3.81e-003	-4.33e-005	9.82e-006	6.56e-006
105	0.11	0.66	-1.05e-003	5.99e-005	2.03e-006	-1.16e-004
106	1.09e-002	0.42	6.42e-003	-8.96e-004	4.15e-005	4.14e-005
107	1.04e-002	0.42	-2.66e-002	-9.04e-004	3.80e-005	4.15e-005
108	-2.67e-004	4.35e-003	3.47e-003	-4.56e-005	2.48e-006	4.53e-006
109	5.88e-004	7.07e-003	3.70e-003	-6.07e-005	1.53e-005	9.89e-006
110	2.70e-002	0.66	-2.31e-002	7.61e-005	3.49e-005	-3.07e-004
111	1.28e-002	0.46	6.73e-003	-8.91e-004	4.16e-005	4.61e-005
112	1.21e-002	0.46	-2.53e-002	-8.13e-004	3.87e-005	4.59e-005
113	3.29e-004	4.41e-003	3.52e-003	-4.78e-005	-2.61e-006	-2.42e-006
114	-3.76e-004	7.38e-003	3.76e-003	-6.75e-005	-1.96e-005	8.57e-006
115	1.47e-002	0.50	7.15e-003	-8.93e-004	4.54e-005	5.11e-005
116	1.39e-002	0.50	-2.58e-002	-8.99e-004	4.19e-005	5.10e-005
117	3.00e-004	4.30e-003	3.90e-003	-4.92e-005	-9.65e-006	-6.41e-006
118	2.69e-002	0.66	-1.82e-002	5.99e-005	3.44e-005	-3.09e-004
119	1.68e-002	0.55	7.49e-003	-8.72e-004	4.69e-005	5.63e-005
120	1.58e-002	0.55	-2.51e-002	-8.83e-004	4.31e-005	5.62e-005
121	-2.83e-004	4.12e-003	4.22e-003	-4.88e-005	-3.15e-006	-6.00e-006
122	-5.12e-004	7.55e-003	6.14e-003	-9.42e-005	-9.22e-006	-3.82e-006
123	1.88e-002	0.59	7.86e-003	-8.65e-004	4.33e-005	6.14e-005
124	1.77e-002	0.59	-2.40e-002	-8.71e-004	4.01e-005	6.14e-005
125	-2.46e-004	4.01e-003	4.22e-003	-4.47e-005	-2.94e-006	-1.41e-006
126	2.07e-002	0.62	8.15e-003	-8.37e-004	3.85e-005	6.64e-005
127	1.94e-002	0.62	-2.20e-002	-7.62e-004	3.60e-005	6.59e-005
128	2.24e-002	0.66	8.52e-003	-8.19e-004	3.65e-005	7.14e-005
129	-3.05e-004	4.31e-003	1.57e-003	-5.94e-005	-3.06e-006	3.61e-006
130	-5.22e-004	7.27e-003	9.70e-004	-1.13e-004	-6.69e-006	-3.66e-006
131	2.80e-002	0.75	-1.76e-002	-7.71e-004	5.37e-005	-6.58e-005
132	2.64e-002	0.75	2.40e-002	-4.49e-004	4.58e-005	-7.79e-005
133	-4.15e-004	4.57e-003	4.24e-004	-1.88e-005	-4.03e-006	-2.01e-006
134	2.67e-002	0.76	2.92e-002	-9.63e-004	4.30e-005	-7.64e-005
135	3.14e-002	0.76	-5.94e-002	-9.44e-004	4.01e-005	-7.99e-005
136	0.11	0.67	-1.19e-003	6.79e-005	1.99e-006	-8.53e-005
137	2.07e-002	0.76	6.28e-002	-9.45e-004	5.04e-005	-1.18e-004
138	2.91e-002	0.76	-2.61e-002	-9.68e-004	5.13e-005	-1.24e-004
139	2.45e-002	0.75	-1.63e-002	-4.56e-004	3.93e-005	-7.42e-005
140	-4.66e-004	4.34e-003	-1.28e-003	-6.21e-005	-5.16e-006	-2.07e-006
141	-7.39e-004	7.40e-003	-6.81e-004	-1.16e-004	-6.39e-006	-2.62e-006
142	2.69e-002	0.75	2.55e-002	-7.78e-004	-3.43e-005	9.18e-005
143	2.80e-002	0.75	-2.01e-002	-8.09e-004	4.94e-005	-6.94e-005
144	4.91e-004	4.06e-003	-4.15e-003	-4.80e-005	-7.45e-006	-4.31e-006
145	9.37e-002	0.67	-5.78e-003	6.79e-005	9.73e-006	-1.12e-004
146	2.91e-002	0.77	-2.31e-002	-1.00e-003	5.04e-005	-1.25e-004

147	2.67e-002	0.75	2.48e-002	-8.26e-004	-1.69e-005	1.17e-004
148	-4.71e-004	4.14e-003	-4.02e-003	-4.29e-005	1.12e-005	3.36e-006
149	8.51e-004	6.86e-003	-5.27e-003	-7.05e-005	1.51e-005	1.22e-005
150	2.66e-002	0.76	3.07e-002	-9.55e-004	-1.85e-005	-6.06e-005
151	2.47e-002	0.69	2.53e-002	-7.95e-004	3.43e-005	7.82e-005
152	-4.72e-004	4.27e-003	-4.37e-003	-4.40e-005	8.66e-006	3.85e-006
153	7.25e-002	0.67	-1.09e-002	6.79e-005	1.83e-005	-1.45e-004
154	2.47e-002	0.69	2.60e-002	-7.91e-004	3.58e-005	7.64e-005
155	2.59e-002	0.72	2.52e-002	-7.76e-004	-3.06e-005	8.82e-005
156	-4.74e-004	4.39e-003	-4.63e-003	-4.63e-005	6.99e-006	2.70e-006
157	8.24e-004	7.68e-003	-5.97e-003	-8.96e-005	8.99e-006	1.03e-005
158	4.72e-002	0.67	-1.60e-002	6.79e-005	2.69e-005	-1.55e-004
159	2.58e-002	0.72	2.57e-002	-7.62e-004	-2.95e-005	8.19e-005
160	2.68e-002	0.75	2.51e-002	-7.89e-004	-2.69e-005	1.10e-004
161	-4.74e-004	4.44e-003	-4.75e-003	-4.82e-005	-4.63e-006	-1.35e-006
162	8.02e-004	7.93e-003	-6.15e-003	-9.58e-005	7.12e-006	4.35e-006
163	2.47e-002	0.70	2.44e-002	-8.03e-004	3.48e-005	8.05e-005
164	2.59e-002	0.72	2.46e-002	-7.96e-004	-3.21e-005	9.27e-005
165	4.80e-004	4.37e-003	-4.71e-003	-4.88e-005	-5.12e-006	-4.11e-006
166	2.70e-002	0.66	-2.06e-002	6.79e-005	3.46e-005	-1.39e-004
167	2.41e-002	0.69	2.98e-002	-9.37e-004	3.64e-005	-7.56e-005
168	2.41e-002	0.69	3.08e-002	-9.28e-004	3.78e-005	-7.44e-005
169	1.41e-003	1.11e-002	-6.20e-003	-1.34e-004	1.58e-005	2.47e-005
170	1.87e-003	1.03e-002	1.33e-003	-5.81e-005	1.82e-005	-3.84e-006
171	-8.94e-004	1.43e-002	8.57e-003	-1.85e-004	-7.11e-006	-5.83e-006
172	-9.05e-004	1.39e-002	-9.04e-003	-2.10e-004	6.94e-006	-6.40e-006
173	-1.03e-003	1.41e-002	9.93e-003	-2.12e-004	-1.01e-005	-4.38e-006
174	1.15e-003	1.45e-002	-8.02e-003	-1.88e-004	9.40e-006	-5.69e-006
175	1.17e-003	1.02e-002	5.27e-004	-6.51e-005	-6.19e-006	-6.33e-006
176	1.21e-003	1.10e-002	7.83e-003	-1.33e-004	-7.26e-006	9.79e-006
177	1.35e-003	1.30e-002	-7.08e-003	-1.58e-004	1.17e-005	3.15e-005
178	1.19e-003	1.47e-002	-7.79e-003	-1.81e-004	9.32e-006	-3.35e-006
179	1.22e-003	1.18e-002	7.97e-003	-1.45e-004	-7.69e-006	1.44e-005
180	-9.08e-004	1.44e-002	8.46e-003	-1.86e-004	-7.37e-006	-3.27e-006
181	1.69e-003	1.10e-002	-2.84e-003	-1.56e-004	1.61e-005	1.37e-005
182	1.57e-003	8.54e-003	7.30e-004	1.71e-005	1.08e-005	-1.19e-005
183	1.11e-003	1.09e-002	4.47e-003	-1.54e-004	-6.85e-006	4.47e-006
184	1.25e-003	1.14e-002	7.93e-003	-1.42e-004	-7.87e-006	1.44e-005
185	-9.42e-004	1.44e-002	8.46e-003	-1.87e-004	-6.92e-006	-4.06e-006
186	-8.36e-004	1.39e-002	3.78e-004	-1.92e-004	-6.83e-006	-6.31e-006
187	-1.09e-003	1.41e-002	1.08e-003	-1.95e-004	1.04e-005	-3.84e-006
188	1.16e-003	1.47e-002	-7.92e-003	-1.85e-004	8.31e-006	-5.29e-006
189	1.23e-003	1.45e-002	-7.60e-003	-1.75e-004	9.60e-006	1.29e-005
190	1.29e-003	1.39e-002	-7.37e-003	-1.68e-004	1.08e-005	2.33e-005
191	0.00	0.00	0.00	0.00	0.00	0.00
192	0.00	0.00	0.00	0.00	0.00	0.00
193	1.39e-003	1.20e-002	-6.73e-003	-1.48e-004	1.46e-005	3.41e-005
194	3.38e-003	6.55e-002	-1.16e-002	-5.04e-004	1.35e-005	1.53e-005
195	3.77e-003	6.54e-002	1.78e-002	-5.17e-004	-1.02e-005	1.05e-005
196	-1.90e-003	6.77e-002	1.60e-002	-4.60e-004	1.21e-005	-1.39e-005
197	2.56e-003	6.77e-002	-2.66e-002	-4.64e-004	2.05e-005	-2.01e-005
198	-2.76e-003	6.80e-002	2.82e-002	-4.63e-004	-1.08e-005	-1.79e-005
199	3.33e-003	6.80e-002	-1.42e-002	-4.57e-004	1.83e-005	-1.04e-005
200	-1.91e-003	6.54e-002	-1.42e-002	-5.19e-004	-1.26e-005	1.15e-005
201	-2.06e-003	6.55e-002	1.52e-002	-5.06e-004	-1.37e-005	1.47e-005
202	3.38e-003	6.66e-002	-1.18e-002	-4.90e-004	1.41e-005	1.92e-005
203	3.33e-003	6.79e-002	-1.30e-002	-4.68e-004	1.75e-005	-9.77e-006
204	-2.15e-003	6.63e-002	1.61e-002	-5.18e-004	-4.41e-005	1.69e-005
205	-1.92e-003	6.78e-002	1.67e-002	-4.86e-004	3.86e-005	-1.01e-005
206	1.43e-003	2.01e-002	1.01e-002	-2.58e-004	-8.04e-006	1.69e-005
207	1.45e-003	1.97e-002	1.02e-002	-2.57e-004	-8.70e-006	1.17e-005
208	1.79e-003	3.39e-002	1.22e-002	-3.66e-004	-7.85e-006	1.19e-005
209	1.79e-003	3.36e-002	1.24e-002	-3.67e-004	9.87e-006	1.04e-005
210	-2.08e-003	5.19e-002	1.42e-002	-4.54e-004	-7.40e-006	1.19e-005
211	-2.03e-003	5.16e-002	1.41e-002	-4.49e-004	-8.31e-006	1.26e-005
212	-2.08e-003	6.59e-002	1.53e-002	-5.10e-004	-1.04e-005	1.69e-005
213	1.44e-003	2.06e-002	1.00e-002	-2.56e-004	-8.71e-006	1.63e-005
214	1.79e-003	3.42e-002	1.21e-002	-3.64e-004	-8.93e-006	1.30e-005

215	-2.08e-003	5.23e-002	1.43e-002	-4.55e-004	-8.01e-006	1.22e-005
216	-1.17e-003	2.44e-002	1.07e-002	-2.71e-004	-7.89e-006	-5.50e-006
217	-1.17e-003	2.45e-002	1.07e-002	-2.70e-004	-8.55e-006	-4.96e-006
218	-1.47e-003	3.81e-002	1.29e-002	-3.48e-004	-7.55e-006	-6.76e-006
219	-1.47e-003	3.80e-002	1.29e-002	-3.45e-004	-9.31e-006	-6.93e-006
220	-1.75e-003	5.49e-002	1.49e-002	-4.20e-004	-8.00e-006	-9.04e-006
221	-1.75e-003	5.48e-002	1.51e-002	-4.19e-004	9.94e-006	-1.03e-005
222	-1.90e-003	6.79e-002	1.61e-002	-4.71e-004	8.96e-006	-9.88e-006
223	-1.17e-003	2.43e-002	1.09e-002	-2.73e-004	-8.10e-006	-6.62e-006
224	-1.47e-003	3.80e-002	1.29e-002	-3.48e-004	-8.20e-006	-7.80e-006
225	-1.73e-003	5.49e-002	1.48e-002	-4.16e-004	1.02e-005	-1.05e-005
226	-1.13e-003	2.44e-002	-1.60e-003	-2.65e-004	-7.88e-006	-8.44e-006
227	-1.43e-003	3.81e-002	-3.05e-003	-3.41e-004	9.98e-006	-1.22e-005
228	-1.76e-003	5.49e-002	-4.39e-003	-4.10e-004	1.47e-005	-1.66e-005
229	2.04e-003	6.77e-002	-5.23e-003	-4.53e-004	1.68e-005	-1.92e-005
230	-1.21e-003	2.43e-002	-1.43e-002	-2.77e-004	9.19e-006	-9.36e-006
231	1.59e-003	3.81e-002	-1.92e-002	-3.53e-004	1.31e-005	-1.32e-005
232	2.11e-003	5.50e-002	-2.38e-002	-4.21e-004	1.84e-005	-1.75e-005
233	-1.54e-003	2.47e-002	2.68e-003	-2.66e-004	1.36e-005	-6.02e-006
234	-1.46e-003	2.46e-002	1.54e-002	-2.78e-004	-1.23e-005	-6.87e-006
235	2.09e-003	3.84e-002	4.38e-003	-3.41e-004	1.39e-005	-9.09e-006
236	-1.95e-003	3.84e-002	2.04e-002	-3.53e-004	-1.23e-005	-1.03e-005
237	2.67e-003	5.53e-002	5.99e-003	-4.08e-004	1.30e-005	-1.29e-005
238	-2.45e-003	5.52e-002	2.52e-002	-4.19e-004	-1.12e-005	-1.46e-005
239	3.03e-003	6.80e-002	7.00e-003	-4.51e-004	1.24e-005	-1.63e-005
240	1.62e-003	2.47e-002	-1.00e-002	-2.75e-004	1.50e-005	-4.36e-006
241	2.20e-003	3.84e-002	-1.17e-002	-3.47e-004	1.64e-005	-5.25e-006
242	2.86e-003	5.53e-002	-1.32e-002	-4.15e-004	1.71e-005	-7.73e-006
243	1.63e-003	2.47e-002	-9.56e-003	-2.70e-004	1.36e-005	-3.66e-006
244	2.21e-003	3.83e-002	-1.11e-002	-3.48e-004	1.71e-005	-7.96e-006
245	2.86e-003	5.52e-002	-1.26e-002	-4.19e-004	1.93e-005	-8.19e-006
246	3.33e-003	6.80e-002	-1.35e-002	-4.63e-004	2.06e-005	-8.13e-006
247	1.66e-003	2.45e-002	-9.25e-003	-2.66e-004	1.24e-005	9.91e-006
248	2.23e-003	3.80e-002	-1.07e-002	-3.47e-004	1.46e-005	1.39e-005
249	2.88e-003	5.50e-002	-1.21e-002	-4.22e-004	1.63e-005	1.24e-005
250	1.71e-003	2.41e-002	-8.95e-003	-2.61e-004	1.20e-005	2.00e-005
251	2.27e-003	3.75e-002	-1.03e-002	-3.47e-004	1.39e-005	2.18e-005
252	2.90e-003	5.45e-002	-1.16e-002	-4.27e-004	1.56e-005	1.80e-005
253	3.35e-003	6.76e-002	-1.25e-002	-4.75e-004	1.67e-005	1.37e-005
254	1.78e-003	2.32e-002	-8.66e-003	-2.58e-004	1.16e-005	3.05e-005
255	2.32e-003	3.66e-002	-9.97e-003	-3.50e-004	1.26e-005	2.93e-005
256	2.93e-003	5.39e-002	-1.12e-002	-4.32e-004	1.39e-005	2.28e-005
257	3.36e-003	6.71e-002	-1.21e-002	-4.82e-004	1.48e-005	1.73e-005
258	1.85e-003	2.21e-002	-8.39e-003	-2.58e-004	1.14e-005	3.88e-005
259	2.37e-003	3.56e-002	-9.71e-003	-3.54e-004	1.19e-005	3.35e-005
260	2.95e-003	5.31e-002	-1.10e-002	-4.39e-004	1.32e-005	2.51e-005
261	1.90e-003	2.09e-002	-8.16e-003	-2.59e-004	1.07e-005	4.11e-005
262	2.39e-003	3.46e-002	-9.57e-003	-3.61e-004	9.88e-006	3.20e-005
263	2.96e-003	5.24e-002	-1.09e-002	-4.45e-004	1.10e-005	2.37e-005
264	3.38e-003	6.60e-002	-1.16e-002	-4.98e-004	1.19e-005	1.89e-005
265	1.92e-003	1.98e-002	-8.05e-003	-2.58e-004	9.99e-006	3.02e-005
266	2.41e-003	3.38e-002	-9.59e-003	-3.65e-004	-9.81e-006	2.52e-005
267	2.97e-003	5.17e-002	-1.08e-002	-4.47e-004	1.23e-005	1.95e-005
268	2.29e-003	1.96e-002	-2.61e-003	-2.67e-004	1.15e-005	1.84e-005
269	2.74e-003	3.38e-002	-1.98e-003	-3.58e-004	1.03e-005	1.99e-005
270	3.21e-003	5.17e-002	-1.54e-003	-4.48e-004	1.18e-005	1.58e-005
271	3.54e-003	6.55e-002	-1.38e-003	-4.97e-004	1.21e-005	1.26e-005
272	2.68e-003	1.98e-002	7.34e-003	-2.74e-004	1.54e-005	1.20e-005
273	3.20e-003	3.38e-002	1.17e-002	-3.76e-004	1.03e-005	1.56e-005
274	3.55e-003	5.16e-002	1.51e-002	-4.08e-004	-9.96e-006	1.28e-005
275	1.34e-003	1.95e-002	4.70e-003	-2.66e-004	-8.04e-006	5.90e-006
276	-1.30e-003	1.96e-002	-5.03e-003	-2.71e-004	-8.05e-006	4.33e-006
277	-1.67e-003	3.36e-002	4.52e-003	-3.60e-004	-8.17e-006	9.67e-006
278	-1.55e-003	3.36e-002	-8.90e-003	-3.77e-004	-7.87e-006	8.35e-006
279	-1.90e-003	5.16e-002	4.38e-003	-4.50e-004	-1.01e-005	1.24e-005
280	-1.78e-003	5.15e-002	-1.18e-002	-4.10e-004	-1.06e-005	1.05e-005
281	-1.96e-003	6.54e-002	4.33e-003	-4.99e-004	-1.37e-005	1.29e-005
282	5.98e-003	0.15	-1.45e-002	-6.90e-004	2.05e-005	-2.45e-005

283	5.01e-003	0.15	2.59e-002	-6.39e-004	-1.24e-005	-2.53e-005
284	-2.71e-003	0.15	2.09e-002	-6.39e-004	-1.49e-005	-4.52e-005
285	4.75e-003	0.15	-3.86e-002	-6.43e-004	1.52e-005	-4.30e-005
286	-4.20e-003	0.15	4.10e-002	-6.41e-004	-1.30e-005	-4.32e-005
287	6.00e-003	0.15	-1.82e-002	-6.35e-004	2.28e-005	-4.01e-005
288	-2.79e-003	0.15	-2.06e-002	-6.37e-004	1.57e-005	-1.45e-005
289	-2.69e-003	0.15	1.97e-002	-6.89e-004	1.39e-005	-1.51e-005
290	5.99e-003	0.15	-1.51e-002	-6.83e-004	1.97e-005	-2.57e-005
291	6.00e-003	0.15	-1.68e-002	-6.55e-004	2.24e-005	-3.49e-005
292	-2.66e-003	0.15	1.86e-002	-6.78e-004	2.37e-005	-2.12e-005
293	-2.70e-003	0.15	1.97e-002	-6.44e-004	-3.41e-005	-3.99e-005
294	-2.20e-003	0.10	1.72e-002	-5.92e-004	-5.44e-006	1.79e-005
295	-2.20e-003	0.10	1.72e-002	-5.96e-004	-7.95e-006	1.44e-005
296	-2.41e-003	0.12	1.83e-002	-6.43e-004	6.99e-006	-1.22e-005
297	-2.41e-003	0.12	1.85e-002	-6.48e-004	6.99e-006	1.24e-005
298	-2.69e-003	0.15	1.93e-002	-6.89e-004	1.47e-005	-1.65e-005
299	-2.21e-003	0.10	1.74e-002	-5.86e-004	-1.13e-005	1.62e-005
300	-2.41e-003	0.12	1.81e-002	-6.34e-004	-5.25e-006	-1.11e-005
301	-2.25e-003	0.10	1.80e-002	-5.48e-004	-7.74e-006	-2.78e-005
302	-2.24e-003	0.10	1.80e-002	-5.57e-004	-4.85e-006	-2.30e-005
303	-2.42e-003	0.12	1.93e-002	-5.99e-004	-1.21e-005	-3.84e-005
304	-2.42e-003	0.12	1.88e-002	-6.05e-004	-1.46e-005	-3.44e-005
305	-2.71e-003	0.15	2.05e-002	-6.43e-004	-1.34e-005	-4.43e-005
306	-2.24e-003	0.10	1.82e-002	-5.39e-004	-5.07e-006	-2.65e-005
307	-2.42e-003	0.12	1.97e-002	-5.93e-004	-1.36e-005	-3.64e-005
308	-2.11e-003	6.68e-002	1.75e-002	-5.28e-004	-1.80e-005	1.71e-005
309	-2.21e-003	0.10	1.77e-002	-5.79e-004	-5.88e-006	-9.72e-006
310	-2.42e-003	0.12	1.80e-002	-6.23e-004	-5.46e-006	-1.31e-005
311	-2.60e-003	0.15	1.81e-002	-6.51e-004	4.22e-006	-2.98e-005
312	-1.98e-003	6.73e-002	1.77e-002	-5.18e-004	5.14e-006	1.68e-005
313	-2.23e-003	0.10	1.79e-002	-5.69e-004	-7.70e-006	-1.28e-005
314	-2.43e-003	0.12	1.83e-002	-6.13e-004	-1.06e-005	-2.41e-005
315	-2.63e-003	0.15	1.84e-002	-6.40e-004	-2.50e-005	-3.31e-005
316	2.68e-003	0.10	-6.77e-003	-5.32e-004	1.07e-005	-2.52e-005
317	3.00e-003	0.12	-7.83e-003	-5.85e-004	-7.31e-006	-3.36e-005
318	3.28e-003	0.15	-8.82e-003	-6.32e-004	-9.26e-006	-4.38e-005
319	3.54e-003	0.10	-3.19e-002	-5.44e-004	1.72e-005	-2.67e-005
320	4.16e-003	0.12	-3.54e-002	-5.96e-004	1.40e-005	-3.41e-005
321	3.74e-003	0.10	8.88e-003	-5.28e-004	-1.22e-005	-2.46e-005
322	-3.33e-003	0.10	3.38e-002	-5.40e-004	-1.14e-005	-2.64e-005
323	4.26e-003	0.12	1.02e-002	-5.81e-004	-1.26e-005	-3.30e-005
324	-3.75e-003	0.12	3.75e-002	-5.93e-004	-1.23e-005	-3.42e-005
325	4.81e-003	0.15	1.13e-002	-6.29e-004	-1.31e-005	-4.25e-005
326	4.32e-003	0.10	-1.60e-002	-5.35e-004	2.02e-005	-1.98e-005
327	5.13e-003	0.12	-1.72e-002	-5.87e-004	2.13e-005	-2.94e-005
328	4.32e-003	0.10	-1.53e-002	-5.44e-004	2.25e-005	-1.57e-005
329	5.13e-003	0.12	-1.64e-002	-5.97e-004	2.42e-005	-2.61e-005
330	6.00e-003	0.15	-1.75e-002	-6.46e-004	2.55e-005	-3.79e-005
331	4.32e-003	0.10	-1.46e-002	-5.51e-004	1.94e-005	-1.24e-005
332	5.13e-003	0.12	-1.57e-002	-6.05e-004	2.10e-005	-2.27e-005
333	4.33e-003	0.10	-1.40e-002	-5.60e-004	1.88e-005	-9.74e-006
334	5.13e-003	0.12	-1.51e-002	-6.15e-004	2.04e-005	-1.92e-005
335	5.99e-003	0.15	-1.61e-002	-6.65e-004	2.18e-005	-3.14e-005
336	4.33e-003	0.10	-1.36e-002	-5.70e-004	1.69e-005	-8.67e-006
337	5.12e-003	0.12	-1.46e-002	-6.25e-004	1.85e-005	-1.67e-005
338	5.99e-003	0.15	-1.55e-002	-6.74e-004	2.01e-005	-2.81e-005
339	4.33e-003	0.10	-1.32e-002	-5.80e-004	1.63e-005	-8.56e-006
340	5.12e-003	0.12	-1.42e-002	-6.35e-004	1.80e-005	-1.55e-005
341	4.33e-003	0.10	-1.30e-002	-5.90e-004	1.38e-005	-8.58e-006
342	5.11e-003	0.12	-1.40e-002	-6.43e-004	1.58e-005	-1.57e-005
343	5.98e-003	0.15	-1.48e-002	-6.90e-004	1.77e-005	-2.45e-005
344	4.33e-003	0.10	-1.30e-002	-5.98e-004	1.52e-005	-8.59e-006
345	5.11e-003	0.12	-1.38e-002	-6.49e-004	1.78e-005	-1.57e-005
346	4.29e-003	0.10	-1.35e-003	-5.85e-004	1.33e-005	-8.83e-006
347	4.90e-003	0.12	-1.50e-003	-6.50e-004	1.54e-005	-1.54e-005
348	5.60e-003	0.15	1.71e-003	-6.98e-004	1.75e-005	-2.49e-005
349	4.20e-003	0.10	2.20e-002	-6.02e-004	-1.08e-005	-9.09e-006
350	4.56e-003	0.12	2.44e-002	-6.64e-004	-1.13e-005	-1.56e-005

351	-2.19e-003	0.10	4.34e-003	-5.84e-004	-7.61e-006	1.17e-005
352	-2.24e-003	0.10	-1.76e-002	-6.00e-004	-6.91e-006	1.12e-005
353	-2.41e-003	0.12	4.43e-003	-6.50e-004	7.56e-006	1.24e-005
354	-2.48e-003	0.12	-1.96e-002	-6.61e-004	1.01e-005	-1.24e-005
355	-2.69e-003	0.15	4.50e-003	-6.98e-004	1.39e-005	-1.47e-005
356	2.32e-002	0.66	-1.84e-002	-8.12e-004	3.41e-005	-6.04e-005
357	2.14e-002	0.66	2.96e-002	-8.26e-004	4.64e-005	-6.40e-005
358	2.27e-002	0.65	2.90e-002	-9.38e-004	3.85e-005	-8.06e-005
359	2.76e-002	0.65	-5.91e-002	-9.40e-004	3.43e-005	-8.10e-005
360	1.58e-002	0.65	6.24e-002	-9.40e-004	4.65e-005	-1.18e-004
361	2.37e-002	0.65	-2.57e-002	-9.38e-004	4.47e-005	-1.15e-004
362	2.10e-002	0.66	-2.16e-002	-8.23e-004	3.38e-005	7.08e-005
363	2.34e-002	0.66	2.62e-002	-8.09e-004	3.90e-005	7.25e-005
364	2.32e-002	0.66	-2.00e-002	-8.41e-004	3.29e-005	-6.10e-005
365	2.36e-002	0.66	-2.31e-002	-9.31e-004	4.39e-005	-9.47e-005
366	2.34e-002	0.67	2.43e-002	-8.19e-004	3.95e-005	7.37e-005
367	2.27e-002	0.66	3.08e-002	-9.27e-004	4.03e-005	-8.02e-005
368	-3.22e-003	0.19	2.04e-002	-7.53e-004	2.03e-005	-2.03e-005
369	-3.22e-003	0.19	2.10e-002	-7.50e-004	1.98e-005	-1.87e-005
370	-4.01e-003	0.22	2.14e-002	-7.99e-004	2.55e-005	-2.26e-005
371	-4.01e-003	0.22	2.21e-002	-7.97e-004	2.43e-005	-2.19e-005
372	-5.03e-003	0.26	2.23e-002	-8.27e-004	2.86e-005	-2.56e-005
373	-5.03e-003	0.26	2.31e-002	-8.23e-004	2.68e-005	-2.51e-005
374	-6.22e-003	0.30	2.30e-002	-8.47e-004	3.27e-005	-2.86e-005
375	-6.22e-003	0.30	2.38e-002	-8.36e-004	2.99e-005	-2.85e-005
376	-7.65e-003	0.34	2.37e-002	-8.75e-004	3.93e-005	-3.30e-005
377	-7.66e-003	0.34	2.47e-002	-8.71e-004	3.78e-005	-3.28e-005
378	9.38e-003	0.38	2.42e-002	-8.94e-004	4.31e-005	-3.69e-005
379	9.38e-003	0.38	2.54e-002	-8.92e-004	4.37e-005	-3.69e-005
380	1.13e-002	0.42	2.46e-002	-8.94e-004	4.54e-005	-4.06e-005
381	1.13e-002	0.42	2.59e-002	-8.90e-004	4.43e-005	-4.10e-005
382	1.32e-002	0.46	2.49e-002	-8.88e-004	4.64e-005	-4.58e-005
383	1.32e-002	0.46	2.61e-002	-8.77e-004	4.39e-005	4.61e-005
384	1.53e-002	0.50	2.52e-002	-8.91e-004	4.94e-005	5.18e-005
385	1.53e-002	0.50	2.65e-002	-8.86e-004	4.84e-005	5.17e-005
386	1.75e-002	0.55	2.53e-002	-8.85e-004	4.89e-005	5.64e-005
387	1.75e-002	0.55	2.67e-002	-8.83e-004	5.01e-005	5.64e-005
388	1.96e-002	0.59	2.54e-002	-8.62e-004	4.63e-005	6.05e-005
389	1.96e-002	0.59	2.66e-002	-8.58e-004	4.60e-005	6.10e-005
390	2.15e-002	0.63	2.54e-002	-8.32e-004	4.20e-005	6.67e-005
391	2.15e-002	0.62	2.64e-002	-8.22e-004	4.05e-005	6.67e-005
392	2.33e-002	0.66	2.53e-002	-8.14e-004	3.95e-005	7.34e-005
393	-3.22e-003	0.19	1.99e-002	-7.54e-004	1.62e-005	-2.15e-005
394	-4.01e-003	0.22	2.08e-002	-8.01e-004	2.13e-005	-2.30e-005
395	-5.03e-003	0.26	2.16e-002	-8.29e-004	2.47e-005	-2.57e-005
396	-6.19e-003	0.30	2.22e-002	-8.52e-004	2.56e-005	-2.86e-005
397	-7.67e-003	0.34	2.26e-002	-8.78e-004	3.63e-005	-3.27e-005
398	9.38e-003	0.38	2.30e-002	-8.94e-004	4.08e-005	-3.68e-005
399	1.13e-002	0.42	2.33e-002	-8.96e-004	4.29e-005	-4.06e-005
400	1.32e-002	0.46	2.37e-002	-8.93e-004	3.87e-005	-4.44e-005
401	1.53e-002	0.51	2.38e-002	-8.95e-004	4.76e-005	5.12e-005
402	1.75e-002	0.55	2.39e-002	-8.86e-004	4.79e-005	5.63e-005
403	1.96e-002	0.59	2.41e-002	-8.64e-004	4.52e-005	6.07e-005
404	2.15e-002	0.63	2.43e-002	-8.38e-004	3.60e-005	6.55e-005
405	-3.17e-003	0.18	2.19e-002	-6.90e-004	-1.22e-005	-5.05e-005
406	-3.17e-003	0.18	2.20e-002	-6.95e-004	-1.55e-005	-4.95e-005
407	-3.72e-003	0.21	2.32e-002	-7.30e-004	-1.80e-005	-5.88e-005
408	-3.72e-003	0.21	2.37e-002	-7.36e-004	2.54e-005	-5.85e-005
409	-4.57e-003	0.25	2.44e-002	-7.67e-004	2.69e-005	-6.66e-005
410	-4.56e-003	0.25	2.52e-002	-7.73e-004	3.40e-005	-6.69e-005
411	-5.76e-003	0.28	2.55e-002	-8.00e-004	3.17e-005	-7.32e-005
412	-5.78e-003	0.29	2.64e-002	-8.04e-004	3.41e-005	-7.55e-005
413	-7.24e-003	0.32	2.64e-002	-8.29e-004	3.56e-005	-7.82e-005
414	-7.24e-003	0.32	2.74e-002	-8.31e-004	4.14e-005	-7.88e-005
415	-8.96e-003	0.36	2.71e-002	-8.54e-004	3.86e-005	-8.24e-005
416	-8.96e-003	0.36	2.83e-002	-8.56e-004	4.42e-005	-8.29e-005
417	1.09e-002	0.40	2.78e-002	-8.75e-004	4.17e-005	-8.65e-005
418	1.08e-002	0.40	2.90e-002	-8.77e-004	4.67e-005	-8.74e-005

419	1.28e-002	0.44	2.83e-002	-8.92e-004	4.23e-005	-8.93e-005
420	1.28e-002	0.44	2.95e-002	-8.92e-004	4.13e-005	-9.30e-005
421	1.48e-002	0.48	2.88e-002	-9.05e-004	4.30e-005	-8.97e-005
422	1.48e-002	0.49	3.01e-002	-9.03e-004	4.71e-005	-9.05e-005
423	1.69e-002	0.53	2.91e-002	-9.16e-004	4.25e-005	-8.88e-005
424	1.69e-002	0.53	3.04e-002	-9.14e-004	4.66e-005	-8.92e-005
425	1.89e-002	0.57	2.94e-002	-9.25e-004	4.28e-005	-8.76e-005
426	1.89e-002	0.57	3.06e-002	-9.22e-004	4.60e-005	-8.80e-005
427	2.08e-002	0.61	2.96e-002	-9.31e-004	4.02e-005	-8.50e-005
428	2.09e-002	0.61	3.07e-002	-9.26e-004	3.72e-005	-8.70e-005
429	2.27e-002	0.66	2.98e-002	-9.34e-004	3.83e-005	-8.05e-005
430	-3.17e-003	0.18	2.20e-002	-6.83e-004	-1.20e-005	-5.27e-005
431	-3.72e-003	0.21	2.30e-002	-7.23e-004	2.21e-005	-5.93e-005
432	-4.56e-003	0.25	2.39e-002	-7.61e-004	2.97e-005	-6.55e-005
433	-5.76e-003	0.28	2.48e-002	-7.95e-004	3.41e-005	-7.13e-005
434	-7.24e-003	0.32	2.56e-002	-8.24e-004	3.81e-005	-7.65e-005
435	-8.96e-003	0.36	2.63e-002	-8.50e-004	4.15e-005	-8.09e-005
436	1.08e-002	0.40	2.69e-002	-8.72e-004	4.32e-005	-8.43e-005
437	1.28e-002	0.44	2.74e-002	-8.90e-004	4.34e-005	-8.66e-005
438	1.48e-002	0.48	2.78e-002	-9.05e-004	4.43e-005	-8.77e-005
439	1.69e-002	0.52	2.82e-002	-9.16e-004	4.47e-005	-8.73e-005
440	1.89e-002	0.57	2.85e-002	-9.26e-004	4.34e-005	-8.59e-005
441	2.08e-002	0.61	2.87e-002	-9.34e-004	4.03e-005	-8.36e-005
442	3.81e-003	0.18	-9.83e-003	-6.78e-004	1.63e-005	-5.30e-005
443	4.72e-003	0.21	-1.08e-002	-7.19e-004	2.73e-005	-5.89e-005
444	6.03e-003	0.25	-1.16e-002	-7.56e-004	3.52e-005	-6.40e-005
445	7.64e-003	0.28	-1.23e-002	-7.90e-004	3.99e-005	-6.90e-005
446	9.46e-003	0.32	-1.29e-002	-8.20e-004	4.30e-005	-7.40e-005
447	1.14e-002	0.36	-1.34e-002	-8.45e-004	4.52e-005	-7.81e-005
448	1.35e-002	0.40	-1.39e-002	-8.67e-004	4.59e-005	-8.10e-005
449	1.55e-002	0.44	-1.42e-002	-8.86e-004	4.54e-005	-8.32e-005
450	1.76e-002	0.48	-1.45e-002	-9.01e-004	4.46e-005	-8.45e-005
451	1.96e-002	0.52	-1.47e-002	-9.13e-004	4.34e-005	-8.45e-005
452	2.15e-002	0.57	-1.49e-002	-9.23e-004	4.11e-005	-8.34e-005
453	2.33e-002	0.61	-1.50e-002	-9.31e-004	3.80e-005	-8.20e-005
454	2.50e-002	0.65	-1.51e-002	-9.36e-004	3.57e-005	-8.07e-005
455	5.58e-003	0.18	-4.18e-002	-6.88e-004	2.22e-005	-5.17e-005
456	6.78e-003	0.21	-4.46e-002	-7.29e-004	3.17e-005	-5.82e-005
457	8.35e-003	0.25	-4.72e-002	-7.66e-004	3.93e-005	-6.36e-005
458	1.02e-002	0.28	-4.95e-002	-7.99e-004	4.39e-005	-6.85e-005
459	1.22e-002	0.32	-5.15e-002	-8.29e-004	4.65e-005	-7.31e-005
460	1.44e-002	0.36	-5.32e-002	-8.54e-004	4.76e-005	-7.71e-005
461	1.65e-002	0.40	-5.47e-002	-8.75e-004	4.75e-005	-8.01e-005
462	1.86e-002	0.44	-5.59e-002	-8.93e-004	4.61e-005	-8.22e-005
463	2.07e-002	0.48	-5.69e-002	-9.08e-004	4.42e-005	-8.34e-005
464	2.26e-002	0.52	-5.77e-002	-9.19e-004	4.19e-005	-8.35e-005
465	2.44e-002	0.57	-5.83e-002	-9.28e-004	3.90e-005	-8.29e-005
466	2.61e-002	0.61	-5.88e-002	-9.36e-004	3.60e-005	-8.18e-005
467	5.43e-003	0.18	1.25e-002	-6.77e-004	-1.39e-005	-5.35e-005
468	-4.71e-003	0.18	4.44e-002	-6.88e-004	-1.33e-005	-5.38e-005
469	6.10e-003	0.21	1.35e-002	-7.20e-004	-1.49e-005	-6.50e-005
470	-5.26e-003	0.21	4.74e-002	-7.31e-004	-1.33e-005	-6.47e-005
471	6.82e-003	0.25	1.45e-002	-7.58e-004	1.62e-005	-7.62e-005
472	-5.83e-003	0.25	5.01e-002	-7.68e-004	-1.33e-005	-7.55e-005
473	7.60e-003	0.28	1.53e-002	-7.91e-004	1.78e-005	-8.69e-005
474	-6.42e-003	0.28	5.25e-002	-8.02e-004	-1.38e-005	-8.58e-005
475	8.46e-003	0.32	1.60e-002	-8.21e-004	1.97e-005	-9.64e-005
476	-7.03e-003	0.32	5.46e-002	-8.30e-004	-1.52e-005	-9.50e-005
477	9.40e-003	0.36	1.66e-002	-8.46e-004	2.20e-005	-1.05e-004
478	-7.68e-003	0.36	5.64e-002	-8.55e-004	1.76e-005	-1.03e-004
479	1.04e-002	0.40	1.71e-002	-8.67e-004	2.46e-005	-1.11e-004
480	-8.38e-003	0.40	5.79e-002	-8.76e-004	2.11e-005	-1.09e-004
481	1.16e-002	0.44	1.75e-002	-8.85e-004	2.74e-005	-1.16e-004
482	-9.17e-003	0.44	5.91e-002	-8.93e-004	2.52e-005	-1.14e-004
483	1.28e-002	0.48	1.78e-002	-9.00e-004	3.04e-005	-1.19e-004
484	-1.01e-002	0.48	6.02e-002	-9.07e-004	2.97e-005	-1.17e-004
485	1.42e-002	0.52	1.81e-002	-9.12e-004	3.37e-005	-1.20e-004
486	-1.12e-002	0.52	6.10e-002	-9.18e-004	3.43e-005	-1.18e-004

487	1.58e-002	0.57	1.83e-002	-9.22e-004	3.72e-005	-1.19e-004
488	-1.25e-002	0.57	6.16e-002	-9.27e-004	3.88e-005	-1.18e-004
489	1.75e-002	0.61	1.84e-002	-9.30e-004	4.13e-005	-1.18e-004
490	-1.40e-002	0.61	6.21e-002	-9.34e-004	4.30e-005	-1.18e-004
491	1.94e-002	0.65	1.85e-002	-9.36e-004	4.58e-005	-1.17e-004
492	7.01e-003	0.18	-1.93e-002	-6.83e-004	2.43e-005	-5.28e-005
493	8.09e-003	0.21	-2.03e-002	-7.25e-004	2.56e-005	-6.58e-005
494	9.23e-003	0.25	-2.12e-002	-7.63e-004	2.68e-005	-7.85e-005
495	1.04e-002	0.28	-2.20e-002	-7.97e-004	2.79e-005	-9.03e-005
496	1.17e-002	0.32	-2.26e-002	-8.26e-004	2.89e-005	-1.01e-004
497	1.30e-002	0.36	-2.32e-002	-8.51e-004	2.99e-005	-1.10e-004
498	1.43e-002	0.40	-2.37e-002	-8.72e-004	3.08e-005	-1.17e-004
499	1.57e-002	0.44	-2.42e-002	-8.89e-004	3.17e-005	-1.22e-004
500	1.71e-002	0.48	-2.45e-002	-9.04e-004	3.26e-005	-1.24e-004
501	1.86e-002	0.52	-2.49e-002	-9.15e-004	3.37e-005	-1.24e-004
502	2.02e-002	0.57	-2.51e-002	-9.24e-004	3.54e-005	-1.22e-004
503	2.18e-002	0.61	-2.54e-002	-9.32e-004	3.87e-005	-1.18e-004
504	7.01e-003	0.18	-1.85e-002	-6.94e-004	2.68e-005	-5.16e-005
505	8.09e-003	0.21	-1.95e-002	-7.36e-004	2.81e-005	-6.57e-005
506	9.23e-003	0.25	-2.03e-002	-7.74e-004	2.92e-005	-7.93e-005
507	1.04e-002	0.28	-2.11e-002	-8.06e-004	3.02e-005	-9.19e-005
508	1.17e-002	0.32	-2.17e-002	-8.34e-004	3.12e-005	-1.03e-004
509	1.30e-002	0.36	-2.23e-002	-8.58e-004	3.20e-005	-1.13e-004
510	1.43e-002	0.40	-2.28e-002	-8.77e-004	3.29e-005	-1.20e-004
511	1.57e-002	0.44	-2.32e-002	-8.93e-004	3.37e-005	-1.25e-004
512	1.71e-002	0.49	-2.35e-002	-9.05e-004	3.46e-005	-1.27e-004
513	1.86e-002	0.53	-2.38e-002	-9.15e-004	3.56e-005	-1.26e-004
514	2.02e-002	0.57	-2.41e-002	-9.22e-004	3.74e-005	-1.22e-004
515	2.18e-002	0.61	-2.42e-002	-9.28e-004	3.99e-005	-1.15e-004
516	2.37e-002	0.66	-2.44e-002	-9.35e-004	4.58e-005	-1.08e-004
517	7.01e-003	0.18	-1.78e-002	-7.03e-004	2.38e-005	-4.92e-005
518	8.09e-003	0.21	-1.87e-002	-7.45e-004	2.52e-005	-6.39e-005
519	9.23e-003	0.25	-1.95e-002	-7.82e-004	2.64e-005	-7.81e-005
520	1.04e-002	0.29	-2.02e-002	-8.13e-004	2.76e-005	-9.08e-005
521	1.17e-002	0.33	-2.09e-002	-8.41e-004	2.86e-005	-1.02e-004
522	1.30e-002	0.37	-2.14e-002	-8.63e-004	2.96e-005	-1.12e-004
523	1.43e-002	0.41	-2.19e-002	-8.81e-004	3.06e-005	-1.19e-004
524	1.57e-002	0.45	-2.23e-002	-8.94e-004	3.16e-005	-1.24e-004
525	1.71e-002	0.49	-2.26e-002	-9.04e-004	3.26e-005	-1.25e-004
526	1.86e-002	0.53	-2.28e-002	-9.11e-004	3.38e-005	-1.22e-004
527	2.02e-002	0.57	-2.30e-002	-9.16e-004	3.56e-005	-1.17e-004
528	2.18e-002	0.62	-2.31e-002	-9.20e-004	3.71e-005	-1.06e-004
529	7.01e-003	0.18	-1.71e-002	-7.13e-004	2.33e-005	-4.57e-005
530	8.08e-003	0.22	-1.79e-002	-7.56e-004	2.46e-005	-6.07e-005
531	9.22e-003	0.25	-1.87e-002	-7.91e-004	2.59e-005	-7.51e-005
532	1.04e-002	0.29	-1.94e-002	-8.22e-004	2.71e-005	-8.75e-005
533	1.17e-002	0.33	-2.00e-002	-8.48e-004	2.82e-005	-9.82e-005
534	1.30e-002	0.37	-2.05e-002	-8.69e-004	2.92e-005	-1.08e-004
535	1.43e-002	0.41	-2.10e-002	-8.84e-004	3.02e-005	-1.15e-004
536	1.57e-002	0.45	-2.13e-002	-8.95e-004	3.12e-005	-1.18e-004
537	1.71e-002	0.49	-2.16e-002	-9.03e-004	3.22e-005	-1.18e-004
538	1.86e-002	0.53	-2.18e-002	-9.07e-004	3.33e-005	-1.14e-004
539	2.02e-002	0.58	-2.19e-002	-9.07e-004	3.46e-005	-1.07e-004
540	2.18e-002	0.62	-2.20e-002	-9.05e-004	3.59e-005	-9.36e-005
541	2.34e-002	0.66	-2.20e-002	-9.05e-004	3.51e-005	-7.48e-005
542	7.00e-003	0.18	-1.65e-002	-7.24e-004	2.15e-005	-4.17e-005
543	8.08e-003	0.22	-1.73e-002	-7.67e-004	2.28e-005	-5.69e-005
544	9.21e-003	0.25	-1.80e-002	-8.01e-004	2.43e-005	-7.13e-005
545	1.04e-002	0.29	-1.87e-002	-8.29e-004	2.56e-005	-8.26e-005
546	1.17e-002	0.33	-1.93e-002	-8.55e-004	2.66e-005	-9.23e-005
547	1.30e-002	0.37	-1.97e-002	-8.75e-004	2.76e-005	-1.02e-004
548	1.43e-002	0.41	-2.01e-002	-8.87e-004	2.87e-005	-1.09e-004
549	1.57e-002	0.45	-2.05e-002	-8.94e-004	2.99e-005	-1.10e-004
550	1.71e-002	0.50	-2.07e-002	-9.00e-004	3.08e-005	-1.08e-004
551	1.86e-002	0.54	-2.09e-002	-9.01e-004	3.19e-005	-1.04e-004
552	2.01e-002	0.58	-2.10e-002	-8.96e-004	3.29e-005	-9.61e-005
553	2.17e-002	0.62	-2.10e-002	-8.87e-004	3.43e-005	-8.20e-005
554	2.33e-002	0.66	-2.10e-002	-8.78e-004	3.33e-005	-6.52e-005

555	7.00e-003	0.18	-1.60e-002	-7.34e-004	2.10e-005	-3.79e-005
556	8.07e-003	0.22	-1.68e-002	-7.77e-004	2.23e-005	-5.32e-005
557	9.20e-003	0.26	-1.75e-002	-8.09e-004	2.38e-005	-6.77e-005
558	1.04e-002	0.29	-1.81e-002	-8.35e-004	2.53e-005	-7.72e-005
559	1.17e-002	0.33	-1.86e-002	-8.61e-004	2.62e-005	-8.51e-005
560	1.30e-002	0.37	-1.90e-002	-8.81e-004	2.70e-005	-9.47e-005
561	1.43e-002	0.42	-1.94e-002	-8.89e-004	2.83e-005	-1.02e-004
562	1.57e-002	0.46	-1.97e-002	-8.91e-004	2.97e-005	-1.01e-004
563	1.71e-002	0.50	-1.99e-002	-8.96e-004	3.04e-005	-9.77e-005
564	1.86e-002	0.54	-2.00e-002	-8.95e-004	3.12e-005	-9.39e-005
565	2.01e-002	0.58	-2.01e-002	-8.85e-004	3.23e-005	-8.62e-005
566	2.17e-002	0.62	-2.01e-002	-8.67e-004	3.36e-005	-7.27e-005
567	7.01e-003	0.19	-1.57e-002	-7.43e-004	1.87e-005	-3.52e-005
568	8.07e-003	0.22	-1.64e-002	-7.88e-004	1.97e-005	-5.03e-005
569	9.19e-003	0.26	-1.70e-002	-8.17e-004	2.17e-005	-6.49e-005
570	1.04e-002	0.30	-1.76e-002	-8.38e-004	2.36e-005	-7.26e-005
571	1.17e-002	0.34	-1.81e-002	-8.67e-004	2.41e-005	-7.88e-005
572	1.30e-002	0.38	-1.85e-002	-8.86e-004	2.46e-005	-8.84e-005
573	1.43e-002	0.42	-1.88e-002	-8.91e-004	2.63e-005	-9.54e-005
574	1.57e-002	0.46	-1.91e-002	-8.88e-004	2.82e-005	-9.37e-005
575	1.71e-002	0.50	-1.93e-002	-8.93e-004	2.85e-005	-8.88e-005
576	1.86e-002	0.54	-1.94e-002	-8.90e-004	2.88e-005	-8.58e-005
577	2.01e-002	0.58	-1.94e-002	-8.74e-004	3.03e-005	-7.93e-005
578	2.17e-002	0.62	-1.93e-002	-8.50e-004	3.26e-005	-6.67e-005
579	2.32e-002	0.66	-1.92e-002	-8.24e-004	3.49e-005	-5.99e-005
580	7.01e-003	0.19	-1.54e-002	-7.49e-004	2.07e-005	-3.51e-005
581	8.07e-003	0.22	-1.61e-002	-7.96e-004	2.11e-005	-4.83e-005
582	9.19e-003	0.26	-1.67e-002	-8.21e-004	2.36e-005	-6.08e-005
583	1.04e-002	0.30	-1.71e-002	-8.35e-004	2.64e-005	-6.89e-005
584	1.17e-002	0.34	-1.77e-002	-8.68e-004	2.58e-005	-7.53e-005
585	1.30e-002	0.38	-1.81e-002	-8.90e-004	2.56e-005	-8.30e-005
586	1.43e-002	0.42	-1.83e-002	-8.89e-004	2.79e-005	-8.82e-005
587	1.57e-002	0.46	-1.85e-002	-8.77e-004	3.08e-005	-8.71e-005
588	1.71e-002	0.50	-1.87e-002	-8.86e-004	3.00e-005	-8.31e-005
589	1.86e-002	0.55	-1.88e-002	-8.84e-004	2.96e-005	-7.96e-005
590	2.01e-002	0.59	-1.87e-002	-8.62e-004	3.14e-005	-7.37e-005
591	2.16e-002	0.63	-1.86e-002	-8.29e-004	3.35e-005	-6.49e-005
592	6.43e-003	0.19	1.90e-003	-7.51e-004	1.79e-005	-3.61e-005
593	7.29e-003	0.22	2.08e-003	-7.83e-004	1.85e-005	-4.74e-005
594	8.21e-003	0.26	2.20e-003	-8.26e-004	2.11e-005	-5.79e-005
595	9.27e-003	0.30	2.32e-003	-8.47e-004	2.42e-005	-6.69e-005
596	1.04e-002	0.34	2.33e-003	-8.73e-004	2.45e-005	-7.44e-005
597	1.16e-002	0.38	2.33e-003	-8.77e-004	2.54e-005	-8.02e-005
598	1.28e-002	0.42	2.29e-003	-8.95e-004	2.88e-005	-8.33e-005
599	1.42e-002	0.46	-2.26e-003	-8.90e-004	3.28e-005	-8.34e-005
600	1.57e-002	0.50	-2.16e-003	-8.92e-004	3.36e-005	-8.11e-005
601	1.73e-002	0.55	-2.10e-003	-8.72e-004	3.47e-005	-7.68e-005
602	1.89e-002	0.59	-2.06e-003	-8.67e-004	3.78e-005	-7.09e-005
603	2.07e-002	0.63	-2.07e-003	-8.40e-004	4.02e-005	-6.53e-005
604	2.26e-002	0.66	-2.15e-003	-8.21e-004	3.95e-005	-6.26e-005
605	5.57e-003	0.19	2.87e-002	-7.63e-004	-1.32e-005	-3.63e-005
606	6.17e-003	0.22	3.05e-002	-7.99e-004	-1.38e-005	-4.68e-005
607	6.85e-003	0.26	3.18e-002	-8.36e-004	1.60e-005	-5.65e-005
608	7.65e-003	0.30	3.19e-002	-7.76e-004	1.92e-005	-6.49e-005
609	8.56e-003	0.34	3.36e-002	-8.83e-004	2.09e-005	-7.31e-005
610	9.54e-003	0.38	3.42e-002	-8.92e-004	2.34e-005	-7.84e-005
611	1.07e-002	0.42	3.42e-002	-9.04e-004	2.88e-005	-8.08e-005
612	1.20e-002	0.46	3.31e-002	-8.14e-004	3.46e-005	-8.02e-005
613	1.36e-002	0.50	3.37e-002	-9.00e-004	3.79e-005	-7.92e-005
614	1.53e-002	0.55	3.32e-002	-8.85e-004	4.16e-005	-7.51e-005
615	1.72e-002	0.59	3.22e-002	-8.76e-004	4.66e-005	-6.99e-005
616	1.93e-002	0.63	3.02e-002	-7.69e-004	4.89e-005	-6.55e-005
617	-3.23e-003	0.19	4.69e-003	-7.52e-004	1.87e-005	-1.81e-005
618	-3.35e-003	0.19	-2.31e-002	-7.63e-004	1.88e-005	-1.80e-005
619	-4.02e-003	0.22	4.87e-003	-7.85e-004	2.22e-005	-2.16e-005
620	-4.13e-003	0.22	-2.45e-002	-7.99e-004	2.10e-005	-2.14e-005
621	-4.99e-003	0.26	5.13e-003	-8.28e-004	2.47e-005	-2.48e-005
622	-5.05e-003	0.26	-2.54e-002	-8.37e-004	2.29e-005	-2.47e-005

623	3.90e-002	9.97e-001	-2.33e-002	-2.17e-003	-1.96e-004	-1.17e-004
624	3.90e-002	0.96	-2.00e-002	-1.97e-003	-1.89e-004	1.90e-004
625	6.88e-002	1.12	-1.09e-002	-2.35e-003	3.41e-004	-7.95e-005
626	-5.66e-005	8.91e-004	2.84e-004	-6.14e-006	-4.91e-006	3.81e-006
627	4.21e-002	1.12	1.43e-002	-2.35e-003	-1.20e-004	-1.19e-004
628	-2.48e-004	2.05e-003	-6.42e-004	-3.24e-005	5.90e-006	5.58e-006
629	6.61e-005	4.89e-004	-8.72e-004	-3.78e-005	-2.09e-005	1.32e-006
630	-2.71e-004	2.10e-003	-1.82e-003	-3.78e-005	5.68e-006	1.90e-006
631	-4.76e-005	5.51e-004	7.60e-005	-5.16e-006	-6.51e-006	9.21e-007
632	6.88e-005	5.77e-004	6.76e-005	-6.15e-006	7.72e-006	-7.68e-007
633	-4.52e-005	6.07e-004	1.14e-004	1.59e-006	9.76e-006	-3.03e-006
634	-5.28e-005	5.73e-004	2.95e-004	-1.45e-005	-4.78e-006	-2.45e-007
635	6.29e-005	5.83e-004	3.00e-004	-1.48e-005	4.62e-006	7.48e-007
636	8.09e-005	6.46e-004	7.63e-005	1.64e-006	-6.59e-006	3.69e-006
637	7.32e-005	5.77e-004	-8.33e-005	-9.76e-006	1.30e-005	9.17e-007
638	-6.48e-005	5.97e-004	-9.17e-005	-9.32e-006	-1.24e-005	-6.28e-007
639	8.27e-005	5.93e-004	1.75e-004	-4.57e-006	-3.82e-006	-1.43e-006
640	6.35e-005	6.11e-004	-4.47e-004	-1.88e-005	6.83e-006	2.52e-007
641	-6.00e-005	6.19e-004	-4.47e-004	-1.88e-005	-6.84e-006	3.67e-007
642	-7.53e-005	6.29e-004	1.35e-004	-3.71e-006	4.11e-006	2.24e-006
643	5.79e-005	5.83e-004	-2.83e-005	-4.28e-006	1.20e-006	-2.14e-007
644	-7.75e-005	5.61e-004	-9.83e-004	-4.06e-005	2.52e-005	4.54e-006
645	-5.44e-005	4.48e-004	1.47e-003	-5.19e-005	6.90e-006	-2.23e-006
646	2.23e-004	2.14e-003	2.96e-003	-2.96e-005	-2.06e-006	-2.61e-006
647	1.58e-004	2.16e-003	2.83e-003	-3.31e-005	3.88e-006	3.49e-006
648	-1.96e-004	5.72e-004	2.08e-003	-4.33e-005	2.85e-005	-6.83e-006
649	1.41e-004	4.90e-004	1.71e-003	-4.64e-005	-1.75e-005	4.18e-006
650	-1.31e-004	2.27e-003	2.75e-003	-3.45e-005	2.62e-006	2.96e-006
651	1.14e-004	4.73e-004	1.45e-003	-5.15e-005	-3.99e-006	2.14e-006
652	-5.66e-005	5.13e-004	1.74e-003	-4.64e-005	1.78e-005	-3.83e-006
653	1.73e-004	2.18e-003	2.79e-003	-3.31e-005	-2.25e-006	-3.05e-006
654	2.16e-004	2.28e-003	2.78e-003	-3.46e-005	-1.80e-006	-3.11e-006
655	2.47e-004	5.89e-004	1.92e-003	-4.37e-005	-2.35e-005	6.04e-006
656	-1.31e-004	2.18e-003	2.76e-003	-3.08e-005	6.51e-006	4.21e-006
657	-1.14e-004	4.45e-004	-1.54e-003	-5.63e-005	4.86e-006	2.53e-006
658	5.54e-005	4.01e-004	-1.85e-003	-4.84e-005	-1.87e-005	-1.63e-006
659	-2.54e-004	2.27e-003	-2.84e-003	-3.39e-005	6.12e-006	5.67e-006
660	-2.96e-004	2.12e-003	-2.62e-003	-3.34e-005	5.67e-006	3.86e-006
661	-2.13e-004	5.47e-004	-2.03e-003	-5.17e-005	2.42e-005	5.61e-006
662	-2.31e-004	2.41e-003	-3.13e-003	-3.36e-005	5.93e-006	2.98e-006
663	1.16e-004	4.57e-004	-1.62e-003	-5.85e-005	-4.24e-006	-2.66e-006
664	2.12e-004	5.61e-004	-2.08e-003	-5.33e-005	-2.37e-005	-5.46e-006
665	2.88e-004	2.29e-003	-3.08e-003	-3.31e-005	-5.31e-006	-5.59e-006
666	2.41e-004	2.42e-003	-3.31e-003	-3.31e-005	-4.34e-006	-3.18e-006
667	-5.01e-005	4.16e-004	-2.01e-003	-5.02e-005	2.19e-005	-1.91e-006
668	3.60e-004	2.16e-003	-2.85e-003	-3.50e-005	-6.17e-006	-2.15e-006
669	1.26e-004	5.79e-004	2.18e-003	-4.38e-005	-8.20e-006	1.83e-006
670	-1.39e-004	2.35e-003	2.80e-003	-3.62e-005	2.03e-006	1.43e-006
671	-6.17e-005	5.90e-004	2.20e-003	-4.38e-005	7.46e-006	-9.53e-007
672	2.00e-004	2.36e-003	2.81e-003	-3.63e-005	-1.51e-006	-1.32e-006
673	-1.34e-004	6.46e-004	-2.67e-003	-4.99e-005	1.09e-005	2.20e-006
674	-2.25e-004	2.48e-003	-3.46e-003	-3.39e-005	4.43e-006	1.32e-006
675	1.25e-004	6.53e-004	-2.70e-003	-5.05e-005	-9.74e-006	-1.64e-006
676	-2.24e-004	2.49e-003	-3.52e-003	-3.38e-005	-3.55e-006	-1.06e-006
677	-6.98e-005	4.96e-004	-1.01e-003	-3.79e-005	2.44e-005	-2.14e-006
678	3.79e-002	0.87	-1.34e-002	-2.07e-003	2.33e-004	-7.95e-005
679	3.05e-002	0.87	1.68e-002	-2.07e-003	-1.31e-004	-1.19e-004
680	-7.52e-005	7.62e-004	-2.62e-004	-1.05e-005	1.36e-005	2.19e-006
681	5.84e-002	1.19	2.96e-003	-1.71e-004	1.28e-005	7.29e-004
682	-5.51e-005	5.91e-004	-3.09e-005	-4.28e-006	-9.62e-007	6.93e-007
683	5.59e-005	5.15e-004	7.78e-004	-3.49e-005	-1.88e-005	2.70e-006
684	-7.94e-005	6.38e-004	-1.62e-003	-4.44e-005	1.11e-005	1.90e-006
685	7.77e-005	5.77e-004	-1.00e-003	-4.17e-005	-2.51e-005	-4.46e-006
686	-7.93e-005	6.45e-004	-1.62e-003	-4.49e-005	-1.07e-005	-1.47e-006
687	6.79e-005	5.40e-004	8.02e-004	-3.55e-005	1.91e-005	-2.29e-006
688	-5.56e-005	6.97e-004	1.45e-004	3.31e-006	-4.23e-006	3.61e-006
689	-5.43e-005	6.13e-004	4.15e-005	1.58e-006	-2.71e-006	8.23e-007
690	6.88e-005	6.50e-004	2.09e-004	2.64e-006	6.22e-006	-2.81e-006

691	6.37e-005	5.89e-004	5.87e-005	1.38e-006	3.84e-006	-2.75e-007
692	7.48e-005	5.76e-004	1.26e-003	-3.81e-005	-8.83e-006	1.31e-006
693	6.60e-005	5.87e-004	1.28e-003	-3.83e-005	8.04e-006	-3.77e-007
694	0.00	0.00	0.00	0.00	0.00	0.00
695	0.00	0.00	0.00	0.00	0.00	0.00
696	2.80e-002	0.75	-1.99e-002	-8.06e-004	4.94e-005	-6.95e-005
697	2.91e-002	0.76	-2.34e-002	-1.00e-003	5.03e-005	-1.26e-004
698	0.12	1.25	2.65e-002	-9.41e-004	1.60e-004	7.27e-004
699	0.12	1.13	2.32e-002	-7.27e-004	-9.18e-005	7.30e-004
700	-6.04e-002	1.13	-1.55e-002	-7.30e-004	1.51e-004	7.30e-004
701	-6.04e-002	1.25	-2.32e-002	-9.34e-004	-8.29e-005	7.27e-004
702	-6.04e-002	1.22	-2.34e-002	-4.33e-004	3.42e-005	7.30e-004
703	-6.04e-002	1.16	-2.00e-002	-3.74e-004	5.18e-005	7.32e-004
704	2.68e-002	0.75	2.49e-002	-8.18e-004	-2.42e-005	1.15e-004
705	2.67e-002	0.76	3.05e-002	-9.63e-004	3.06e-005	-6.26e-005
706	0.12	1.22	3.02e-002	-4.70e-004	-9.26e-006	7.30e-004
707	0.12	1.16	2.52e-002	-3.45e-004	-3.12e-005	7.33e-004
708	2.48e-002	0.75	-9.15e-003	-6.33e-004	3.63e-005	-7.39e-005
709	2.68e-002	0.75	1.70e-002	-6.27e-004	4.82e-005	-7.46e-005
710	4.67e-002	1.25	1.30e-002	-3.35e-004	-3.98e-004	7.25e-004

SPOSTAMENTI NODALI "Dinamica SLVh X" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	3.61e-004	-7.77e-005	2.70e-004	4.44e-006	2.66e-005	-1.57e-006
2	0.25	3.93e-002	-1.97e-003	-5.40e-005	3.71e-004	-3.24e-004
3	0.25	3.26e-002	1.22e-002	-3.73e-005	3.82e-004	-3.41e-004
4	3.61e-004	5.46e-005	-3.01e-004	-3.59e-006	2.81e-005	-2.35e-006
5	0.27	4.11e-002	-1.95e-003	-6.00e-005	3.55e-004	-3.42e-004
6	0.24	4.40e-002	-1.21e-002	-6.10e-005	3.75e-004	-2.96e-004
7	0.25	4.61e-002	-1.20e-002	-6.10e-005	3.66e-004	-3.02e-004
8	0.23	4.40e-002	-1.38e-002	-6.14e-005	3.71e-004	-2.79e-004
9	0.25	4.61e-002	-1.38e-002	-5.94e-005	3.81e-004	-2.78e-004
10	0.26	4.83e-002	-1.38e-002	-6.88e-005	4.23e-004	-2.78e-004
11	3.73e-004	5.24e-005	3.95e-004	5.27e-006	3.16e-005	1.98e-006
12	0.22	4.41e-002	-1.59e-002	-6.20e-005	3.74e-004	-2.73e-004
13	0.24	4.61e-002	-1.60e-002	-6.23e-005	3.90e-004	-2.74e-004
14	3.73e-004	-4.30e-005	-3.65e-004	-2.93e-006	3.28e-005	2.80e-006
15	0.14	4.44e-002	-1.33e-002	-6.56e-005	1.80e-004	4.28e-004
16	0.15	4.44e-002	-1.24e-002	-6.50e-005	1.92e-004	4.27e-004
17	3.46e-003	3.75e-004	-2.55e-003	-4.71e-006	3.81e-005	4.28e-006
18	0.14	4.66e-002	-1.33e-002	-6.57e-005	1.97e-004	4.37e-004
19	0.16	4.66e-002	-1.23e-002	-6.79e-005	2.08e-004	4.35e-004
20	0.15	4.90e-002	-1.33e-002	-7.55e-005	2.33e-004	4.44e-004
21	0.12	4.44e-002	-1.48e-002	-6.51e-005	1.70e-004	4.32e-004
22	0.13	4.66e-002	-1.51e-002	-6.79e-005	1.82e-004	4.38e-004
23	0.12	3.54e-002	-9.81e-003	-6.05e-005	1.71e-004	4.37e-004
24	0.13	3.73e-002	-9.75e-003	-6.58e-005	1.77e-004	4.39e-004
25	0.13	3.94e-002	-9.77e-003	-7.74e-005	1.82e-004	4.40e-004
26	0.12	2.94e-002	-4.78e-003	-6.17e-005	1.76e-004	4.40e-004
27	0.13	3.09e-002	-4.48e-003	-6.69e-005	1.81e-004	4.40e-004
28	5.65e-003	6.75e-004	-3.30e-003	-7.44e-006	4.74e-005	9.24e-006
29	0.12	-6.28e-002	1.25e-002	6.62e-005	1.81e-004	5.22e-004
30	0.12	4.93e-002	7.16e-003	-5.28e-005	1.87e-004	5.18e-004
31	0.13	-6.50e-002	1.24e-002	7.41e-005	1.88e-004	5.41e-004
32	0.13	5.09e-002	6.79e-003	6.60e-005	1.93e-004	5.35e-004
33	0.13	-6.75e-002	1.24e-002	9.01e-005	1.92e-004	5.54e-004
34	0.12	-7.74e-002	1.78e-002	8.54e-005	1.81e-004	5.32e-004
35	0.13	-8.02e-002	1.81e-002	8.96e-005	1.94e-004	5.60e-004
36	0.13	-7.74e-002	1.63e-002	8.56e-005	1.98e-004	5.41e-004
37	0.14	-8.03e-002	1.65e-002	9.06e-005	2.14e-004	5.76e-004
38	5.64e-003	-1.12e-003	5.14e-003	1.68e-005	4.76e-005	5.81e-006
39	5.77e-003	-1.13e-003	3.97e-003	1.54e-005	4.98e-005	-9.25e-006
40	0.15	-8.32e-002	1.65e-002	9.26e-005	2.38e-004	6.16e-004
41	0.15	-7.74e-002	1.40e-002	8.40e-005	2.34e-004	5.50e-004
42	0.16	-8.03e-002	1.40e-002	9.19e-005	2.61e-004	5.95e-004
43	0.23	-7.73e-002	1.49e-002	8.09e-005	3.54e-004	6.24e-004
44	5.03e-003	9.08e-004	-3.77e-003	-7.73e-006	5.69e-005	-7.40e-006

45	5.87e-003	8.34e-004	-3.94e-003	-1.31e-005	5.12e-005	-1.50e-005
46	6.01e-003	8.35e-004	-3.96e-003	-1.40e-005	5.45e-005	-1.24e-005
47	5.66e-003	8.10e-004	-4.70e-003	-9.72e-006	4.86e-005	9.32e-006
48	5.22e-003	-1.22e-003	3.51e-003	6.87e-006	5.07e-005	-1.36e-005
49	4.98e-003	-1.18e-003	3.58e-003	6.14e-006	5.72e-005	-7.15e-006
50	0.20	-7.73e-002	1.76e-002	8.24e-005	3.20e-004	6.28e-004
51	0.24	-8.00e-002	1.49e-002	8.17e-005	3.50e-004	6.54e-004
52	0.22	-8.01e-002	1.76e-002	8.62e-005	3.19e-004	6.64e-004
53	0.25	-8.27e-002	1.49e-002	7.90e-005	3.72e-004	6.73e-004
54	5.64e-003	-9.00e-004	2.51e-003	1.13e-005	4.69e-005	6.61e-006
55	5.65e-003	5.89e-004	-1.95e-003	-6.35e-006	4.75e-005	9.48e-006
56	4.70e-003	-7.98e-004	5.66e-004	8.29e-006	4.49e-005	1.22e-005
57	4.74e-003	7.80e-004	-7.33e-004	-7.92e-006	4.59e-005	8.71e-006
58	0.39	-0.26	1.51e-002	3.85e-005	1.27e-004	1.99e-003
59	0.58	-0.26	1.62e-002	3.43e-005	2.47e-004	1.97e-003
60	0.58	0.23	-1.35e-002	-2.46e-005	2.32e-004	1.97e-003
61	6.82e-002	-4.08e-002	1.27e-002	-8.75e-005	2.83e-004	2.63e-004
62	5.97e-002	-4.08e-002	1.53e-002	-8.10e-005	2.61e-004	2.55e-004
63	0.39	-0.17	8.27e-003	1.40e-005	1.33e-004	1.98e-003
64	0.58	-0.17	4.69e-003	1.21e-004	1.54e-004	1.97e-003
65	0.39	0.15	-6.17e-003	-1.10e-005	1.36e-004	1.98e-003
66	0.58	0.15	-2.75e-003	-1.14e-004	1.46e-004	1.97e-003
67	0.78	3.48e-002	0.00	3.07e-005	7.76e-006	-1.21e-003
68	0.78	6.18e-002	0.00	-3.93e-005	7.76e-006	-1.21e-003
69	0.28	3.42e-002	-7.23e-003	3.07e-005	1.03e-004	-2.72e-003
70	0.49	3.45e-002	-4.92e-003	3.07e-005	6.99e-005	-2.44e-003
71	2.10e-003	2.40e-004	-2.69e-003	-3.45e-006	2.96e-005	5.02e-006
72	4.64e-004	-1.45e-004	-1.87e-003	-1.44e-005	4.16e-005	-3.59e-006
73	0.66	3.47e-002	-2.61e-003	3.07e-005	3.71e-005	-1.79e-003
74	0.28	6.13e-002	9.24e-003	-3.92e-005	1.03e-004	-2.72e-003
75	3.56e-003	-5.84e-004	3.73e-003	9.86e-006	3.70e-005	5.59e-006
76	3.49e-003	-5.75e-004	3.95e-003	8.11e-006	3.69e-005	4.34e-006
77	5.72e-003	-1.11e-003	4.70e-003	1.69e-005	4.91e-005	7.34e-006
78	2.13e-003	2.46e-004	-2.70e-003	-4.60e-006	3.09e-005	-4.05e-006
79	3.48e-004	-1.20e-004	-1.49e-003	-5.17e-006	4.40e-005	-3.45e-006
80	3.64e-003	-6.40e-004	3.37e-003	9.06e-006	3.57e-005	-5.09e-006
81	0.49	6.16e-002	6.29e-003	-3.92e-005	6.99e-005	-2.44e-003
82	1.86e-003	2.54e-004	-2.39e-003	-7.02e-006	2.46e-005	-7.61e-006
83	3.70e-004	1.23e-004	1.37e-003	5.67e-006	4.09e-005	-2.65e-006
84	2.89e-003	-8.39e-004	2.73e-003	8.47e-006	3.04e-005	-8.19e-006
85	4.99e-003	-1.21e-003	3.59e-003	6.97e-006	5.50e-005	-9.66e-006
86	1.63e-003	-3.90e-004	2.01e-003	8.79e-006	2.21e-005	-6.03e-006
87	4.46e-004	1.18e-004	1.76e-003	1.39e-005	3.87e-005	-3.24e-006
88	2.82e-003	-8.35e-004	2.56e-003	9.43e-006	3.04e-005	-4.24e-006
89	0.66	6.18e-002	3.34e-003	-3.93e-005	3.71e-005	-1.79e-003
90	1.83e-003	-4.00e-004	2.29e-003	7.62e-006	2.49e-005	-5.95e-006
91	5.00e-004	1.58e-004	2.12e-003	2.90e-006	3.94e-005	-1.15e-006
92	3.52e-003	-7.27e-004	3.06e-003	7.72e-006	3.37e-005	-8.29e-006
93	5.57e-003	-1.20e-003	3.50e-003	9.63e-006	4.90e-005	-1.31e-005
94	2.01e-003	-3.51e-004	2.54e-003	6.04e-006	2.87e-005	-4.30e-006
95	4.44e-004	-2.02e-004	1.93e-003	-9.73e-006	4.56e-005	3.47e-006
96	3.18e-003	-8.03e-004	2.89e-003	7.10e-006	3.14e-005	-1.09e-005
97	0.76	3.48e-002	-5.38e-004	3.07e-005	7.76e-006	-1.20e-003
98	8.19e-002	-4.49e-002	1.33e-002	-8.63e-005	3.12e-004	2.96e-004
99	7.22e-002	-4.49e-002	1.59e-002	-9.04e-005	2.85e-004	2.94e-004
100	2.82e-003	-7.45e-004	1.59e-003	7.88e-006	3.11e-005	7.20e-006
101	4.89e-003	-1.03e-003	1.90e-003	7.01e-006	5.65e-005	1.12e-005
102	0.10	-4.89e-002	1.38e-002	-8.31e-005	3.34e-004	3.31e-004
103	8.58e-002	-4.89e-002	1.64e-002	-8.79e-005	3.08e-004	3.30e-004
104	2.83e-003	-5.45e-004	7.60e-004	6.13e-006	2.31e-005	8.99e-006
105	0.76	6.18e-002	6.88e-004	-3.93e-005	7.76e-006	-1.20e-003
106	0.11	-5.29e-002	1.41e-002	-8.35e-005	3.48e-004	3.66e-004
107	0.10	-5.28e-002	1.67e-002	-8.73e-005	3.23e-004	3.64e-004
108	2.89e-003	-3.49e-004	2.17e-004	3.97e-006	2.18e-005	9.01e-006
109	3.98e-003	-5.56e-004	2.13e-004	-5.20e-006	6.28e-006	1.39e-005
110	0.12	3.37e-002	-9.30e-003	3.07e-005	1.32e-004	-2.51e-003
111	0.13	-5.66e-002	1.44e-002	-8.17e-005	3.56e-004	4.00e-004
112	0.12	-5.67e-002	1.69e-002	-7.52e-005	3.30e-004	3.96e-004

113	2.89e-003	3.30e-004	-3.01e-004	-4.20e-006	2.21e-005	8.23e-006
114	4.00e-003	5.65e-004	-2.87e-004	-5.15e-006	7.05e-006	1.32e-005
115	0.15	-6.03e-002	1.47e-002	-8.04e-005	3.66e-004	4.37e-004
116	0.13	-6.03e-002	1.72e-002	-8.33e-005	3.37e-004	4.36e-004
117	2.85e-003	4.65e-004	-9.01e-004	-6.15e-006	2.36e-005	6.43e-006
118	0.12	-6.10e-002	1.19e-002	-3.92e-005	1.33e-004	-2.51e-003
119	0.16	-6.40e-002	1.48e-002	-7.83e-005	3.71e-004	4.75e-004
120	0.15	-6.40e-002	1.73e-002	-8.14e-005	3.41e-004	4.75e-004
121	2.84e-003	5.68e-004	-1.77e-003	-7.02e-006	3.24e-005	3.48e-006
122	4.94e-003	9.08e-004	-2.09e-003	-7.57e-006	5.65e-005	-6.29e-006
123	0.18	-6.76e-002	1.49e-002	8.00e-005	3.68e-004	5.14e-004
124	0.16	-6.76e-002	1.75e-002	8.22e-005	3.38e-004	5.14e-004
125	2.86e-003	5.47e-004	-2.81e-003	-8.01e-006	3.17e-005	-5.86e-006
126	0.20	-7.11e-002	1.49e-002	8.03e-005	3.61e-004	5.52e-004
127	0.18	-7.11e-002	1.75e-002	7.35e-005	3.32e-004	5.55e-004
128	0.21	-7.45e-002	1.49e-002	8.15e-005	3.58e-004	5.91e-004
129	3.26e-003	5.48e-004	-3.12e-003	-7.14e-006	3.30e-005	-1.27e-005
130	5.40e-003	8.86e-004	-3.92e-003	-8.78e-006	5.38e-005	-1.48e-005
131	0.14	-8.32e-002	1.83e-002	1.12e-004	2.23e-004	5.88e-004
132	0.17	-8.29e-002	1.41e-002	5.81e-005	2.94e-004	6.73e-004
133	3.73e-003	5.13e-004	-3.32e-003	-6.87e-006	3.62e-005	-7.76e-006
134	0.27	4.82e-002	-1.20e-002	-7.15e-005	4.01e-004	-3.02e-004
135	0.25	4.83e-002	-1.60e-002	-6.47e-005	4.05e-004	-2.77e-004
136	0.76	3.28e-002	8.59e-005	-4.90e-006	7.58e-006	4.55e-004
137	0.17	4.89e-002	-1.23e-002	-6.41e-005	2.20e-004	4.36e-004
138	0.13	4.90e-002	-1.53e-002	-8.68e-005	2.09e-004	4.48e-004
139	0.23	-8.26e-002	1.74e-002	5.46e-005	3.49e-004	7.20e-004
140	3.74e-003	4.60e-004	-3.51e-003	-5.84e-006	3.76e-005	6.95e-006
141	5.97e-003	8.16e-004	-4.33e-003	-1.00e-005	5.22e-005	1.07e-005
142	0.27	-8.27e-002	1.34e-002	9.60e-005	3.96e-004	6.61e-004
143	0.14	5.30e-002	6.54e-003	9.26e-005	2.16e-004	5.46e-004
144	3.48e-003	4.41e-004	-3.67e-003	-5.90e-006	3.84e-005	6.34e-006
145	0.66	3.26e-002	4.17e-004	-4.90e-006	3.71e-005	6.49e-004
146	0.13	3.25e-002	-4.24e-003	-8.36e-005	2.07e-004	4.41e-004
147	0.27	4.55e-002	-9.53e-003	7.44e-005	2.41e-004	6.55e-004
148	3.46e-003	-5.28e-004	2.90e-003	6.63e-006	3.65e-005	2.38e-006
149	5.64e-003	-1.02e-003	3.82e-003	1.38e-005	4.61e-005	4.98e-006
150	0.27	3.34e-002	1.09e-002	-4.68e-005	2.33e-004	4.01e-004
151	0.24	6.06e-002	2.86e-003	6.39e-005	3.68e-004	6.13e-004
152	3.44e-003	-4.90e-004	1.88e-003	5.36e-006	3.58e-005	2.78e-006
153	0.49	3.26e-002	7.86e-004	-4.90e-006	6.99e-005	9.39e-004
154	0.24	-7.73e-002	1.34e-002	8.22e-005	3.72e-004	6.19e-004
155	0.25	6.26e-002	2.90e-003	6.81e-005	3.68e-004	6.36e-004
156	3.41e-003	-4.12e-004	8.05e-004	4.52e-006	3.50e-005	4.66e-006
157	5.63e-003	-7.37e-004	1.08e-003	8.83e-006	4.67e-005	8.48e-006
158	0.28	3.26e-002	1.15e-003	-4.90e-006	1.03e-004	1.09e-003
159	0.25	-8.00e-002	1.33e-002	8.20e-005	3.64e-004	6.45e-004
160	0.27	6.47e-002	2.86e-003	7.89e-005	3.53e-004	6.56e-004
161	3.41e-003	-3.41e-004	-4.07e-004	4.06e-006	3.54e-005	5.35e-006
162	5.64e-003	-6.08e-004	-5.42e-004	6.96e-006	4.70e-005	9.43e-006
163	0.24	4.30e-002	-1.10e-002	4.80e-005	3.71e-004	6.11e-004
164	0.25	4.42e-002	-1.07e-002	5.70e-005	3.81e-004	6.34e-004
165	3.44e-003	3.38e-004	-1.47e-003	-4.03e-006	3.65e-005	4.62e-006
166	0.12	3.25e-002	1.48e-003	-4.90e-006	1.32e-004	1.03e-003
167	0.24	3.76e-002	-1.96e-003	-5.19e-005	3.71e-004	-3.07e-004
168	0.24	3.16e-002	1.25e-002	-3.83e-005	3.74e-004	-3.14e-004
169	8.27e-003	-2.17e-003	6.33e-003	2.89e-005	5.82e-005	1.04e-005
170	8.56e-003	-2.10e-003	4.51e-003	3.63e-005	6.50e-005	-1.45e-005
171	8.64e-003	1.38e-003	-4.69e-003	-1.25e-005	8.81e-005	-1.21e-005
172	8.65e-003	1.34e-003	-4.98e-003	-1.59e-005	6.65e-005	-1.57e-005
173	9.49e-003	1.38e-003	-4.76e-003	-1.76e-005	8.32e-005	1.88e-005
174	8.30e-003	1.39e-003	-5.66e-003	-1.61e-005	5.86e-005	1.68e-005
175	8.18e-003	-1.38e-003	4.28e-003	-1.98e-005	6.97e-005	-1.74e-005
176	8.65e-003	-1.45e-003	4.56e-003	-9.63e-006	9.01e-005	-1.54e-005
177	8.29e-003	-1.63e-003	3.09e-003	1.93e-005	5.65e-005	1.31e-005
178	8.30e-003	9.85e-004	-2.36e-003	-1.06e-005	5.68e-005	1.63e-005
179	8.66e-003	-1.16e-003	-8.26e-004	-1.14e-005	9.56e-005	1.77e-005
180	8.64e-003	1.22e-003	7.36e-004	-1.26e-005	9.33e-005	-1.41e-005

181	8.44e-003	-2.16e-003	5.71e-003	3.04e-005	6.14e-005	1.20e-005
182	8.31e-003	-1.59e-003	3.58e-003	1.42e-005	6.03e-005	-2.13e-005
183	8.42e-003	-1.44e-003	4.58e-003	-1.24e-005	8.43e-005	-1.58e-005
184	8.59e-003	-1.26e-003	2.13e-003	-9.78e-006	8.78e-005	1.68e-005
185	8.58e-003	1.28e-003	-2.33e-003	-1.15e-005	8.60e-005	-1.34e-005
186	8.60e-003	1.35e-003	-4.70e-003	-1.34e-005	7.71e-005	-1.46e-005
187	8.93e-003	1.38e-003	-5.13e-003	-1.62e-005	6.90e-005	1.86e-005
188	8.30e-003	1.12e-003	-3.99e-003	-1.21e-005	5.67e-005	1.64e-005
189	8.30e-003	-1.06e-003	-6.49e-004	1.18e-005	5.63e-005	1.57e-005
190	8.29e-003	-1.31e-003	1.33e-003	1.51e-005	5.61e-005	1.47e-005
191	0.00	0.00	0.00	0.00	0.00	0.00
192	0.00	0.00	0.00	0.00	0.00	0.00
193	8.28e-003	-1.92e-003	4.69e-003	2.36e-005	5.59e-005	1.12e-005
194	2.02e-002	-1.02e-002	9.95e-003	7.64e-005	8.85e-005	5.82e-005
195	2.30e-002	-1.01e-002	7.25e-003	7.94e-005	1.08e-004	5.98e-005
196	2.41e-002	5.24e-003	-5.87e-003	-3.95e-005	7.34e-005	5.87e-005
197	2.01e-002	5.25e-003	-8.22e-003	-3.88e-005	5.89e-005	-6.63e-005
198	2.63e-002	5.60e-003	-7.08e-003	-3.79e-005	1.24e-004	8.00e-005
199	2.02e-002	5.61e-003	-8.52e-003	-3.75e-005	8.80e-005	7.27e-005
200	2.04e-002	-8.78e-003	9.65e-003	8.13e-005	5.17e-005	7.58e-005
201	2.42e-002	-8.79e-003	5.68e-003	8.17e-005	7.21e-005	6.84e-005
202	2.02e-002	-7.12e-003	4.88e-003	5.15e-005	8.61e-005	5.77e-005
203	2.02e-002	3.83e-003	-3.50e-003	-2.45e-005	8.59e-005	6.48e-005
204	2.46e-002	5.77e-003	1.85e-003	5.64e-005	5.11e-005	5.57e-005
205	2.45e-002	3.91e-003	-1.92e-003	-2.67e-005	5.40e-005	4.73e-005
206	1.30e-002	-1.78e-003	2.34e-003	-2.44e-005	9.51e-005	2.60e-005
207	1.30e-002	-2.21e-003	5.11e-003	-2.92e-005	1.04e-004	2.72e-005
208	1.76e-002	-3.09e-003	2.72e-003	-4.51e-005	9.43e-005	3.85e-005
209	1.76e-002	-3.98e-003	5.45e-003	-5.17e-005	1.03e-004	4.13e-005
210	2.20e-002	-5.30e-003	3.24e-003	6.14e-005	8.56e-005	5.03e-005
211	2.19e-002	-6.63e-003	5.64e-003	6.88e-005	8.82e-005	5.69e-005
212	2.43e-002	-7.13e-003	3.54e-003	6.86e-005	7.38e-005	5.99e-005
213	1.30e-002	-1.60e-003	-1.02e-003	-1.93e-005	1.10e-004	2.64e-005
214	1.76e-002	2.48e-003	-8.81e-004	-3.82e-005	1.08e-004	3.76e-005
215	2.20e-002	4.23e-003	9.80e-004	-5.48e-005	1.00e-004	4.84e-005
216	1.29e-002	1.77e-003	-2.55e-003	-1.64e-005	9.40e-005	-2.27e-005
217	1.29e-002	1.73e-003	9.27e-004	-1.60e-005	1.08e-004	-2.28e-005
218	1.75e-002	2.50e-003	-2.92e-003	-2.22e-005	9.47e-005	-3.28e-005
219	1.75e-002	2.38e-003	8.87e-004	-2.00e-005	1.08e-004	-3.20e-005
220	2.18e-002	3.51e-003	-3.41e-003	-2.86e-005	8.70e-005	4.21e-005
221	2.18e-002	3.22e-003	-1.09e-003	-2.55e-005	1.01e-004	4.05e-005
222	2.42e-002	4.33e-003	-3.68e-003	-3.16e-005	7.56e-005	5.01e-005
223	1.29e-002	2.02e-003	-5.30e-003	1.88e-005	1.02e-004	-2.29e-005
224	1.75e-002	2.96e-003	-5.69e-003	-2.50e-005	1.03e-004	-3.56e-005
225	2.18e-002	4.23e-003	-5.86e-003	-3.24e-005	8.98e-005	-4.91e-005
226	1.23e-002	2.02e-003	-5.40e-003	-1.86e-005	8.98e-005	-2.43e-005
227	1.63e-002	2.97e-003	-6.02e-003	-2.53e-005	8.96e-005	-3.97e-005
228	1.99e-002	4.23e-003	-6.58e-003	-3.24e-005	7.69e-005	-5.65e-005
229	2.20e-002	5.24e-003	-6.92e-003	-3.72e-005	6.50e-005	-6.65e-005
230	1.18e-002	2.03e-003	-5.83e-003	-2.04e-005	7.68e-005	-2.54e-005
231	1.51e-002	2.97e-003	-6.72e-003	-2.69e-005	7.66e-005	-4.05e-005
232	1.83e-002	4.25e-003	-7.63e-003	-3.42e-005	6.66e-005	-5.64e-005
233	1.22e-002	2.18e-003	-5.85e-003	-2.20e-005	8.08e-005	3.18e-005
234	1.34e-002	2.17e-003	-5.43e-003	-2.29e-005	9.67e-005	3.29e-005
235	1.60e-002	3.26e-003	-6.54e-003	-2.80e-005	9.06e-005	4.79e-005
236	1.79e-002	3.26e-003	-6.08e-003	-2.90e-005	1.07e-004	4.94e-005
237	2.02e-002	4.60e-003	-7.19e-003	-3.32e-005	9.96e-005	6.58e-005
238	2.28e-002	4.57e-003	-6.70e-003	-3.39e-005	1.17e-004	6.75e-005
239	2.31e-002	5.60e-003	-7.61e-003	-3.64e-005	1.05e-004	7.84e-005
240	1.11e-002	2.19e-003	-6.49e-003	-2.30e-005	6.70e-005	2.82e-005
241	1.42e-002	3.27e-003	-7.29e-003	-2.89e-005	7.52e-005	4.29e-005
242	1.77e-002	4.60e-003	-8.04e-003	-3.41e-005	8.31e-005	6.02e-005
243	1.11e-002	1.72e-003	-4.57e-003	-1.72e-005	6.50e-005	2.61e-005
244	1.42e-002	2.54e-003	-5.13e-003	-2.19e-005	7.31e-005	3.93e-005
245	1.77e-002	3.55e-003	-5.65e-003	-2.59e-005	8.08e-005	5.57e-005
246	2.02e-002	4.32e-003	-5.98e-003	-2.83e-005	8.56e-005	6.83e-005
247	1.11e-002	1.53e-003	-2.70e-003	-1.50e-005	6.53e-005	2.48e-005
248	1.42e-002	2.26e-003	-3.02e-003	-1.90e-005	7.33e-005	3.68e-005

249	1.77e-002	3.16e-003	-3.31e-003	-2.25e-005	8.11e-005	5.25e-005
250	1.11e-002	-1.68e-003	-7.33e-004	-1.68e-005	6.48e-005	2.36e-005
251	1.42e-002	2.52e-003	-8.08e-004	-2.17e-005	7.28e-005	3.47e-005
252	1.77e-002	3.56e-003	-8.75e-004	-2.61e-005	8.06e-005	4.98e-005
253	2.02e-002	4.35e-003	-9.14e-004	-2.87e-005	8.54e-005	6.18e-005
254	1.11e-002	-2.09e-003	1.56e-003	2.17e-005	6.47e-005	2.23e-005
255	1.42e-002	-3.16e-003	1.79e-003	-2.86e-005	7.28e-005	3.29e-005
256	1.77e-002	-4.53e-003	2.01e-003	-3.50e-005	8.06e-005	4.76e-005
257	2.02e-002	-5.58e-003	2.16e-003	-3.89e-005	8.55e-005	5.94e-005
258	1.11e-002	-2.62e-003	3.60e-003	2.81e-005	6.51e-005	2.10e-005
259	1.42e-002	-3.97e-003	4.09e-003	3.72e-005	7.32e-005	3.15e-005
260	1.77e-002	-5.74e-003	4.57e-003	4.60e-005	8.11e-005	4.59e-005
261	1.11e-002	-3.12e-003	5.46e-003	3.44e-005	6.46e-005	1.98e-005
262	1.42e-002	-4.76e-003	6.20e-003	4.55e-005	7.28e-005	3.09e-005
263	1.77e-002	-6.91e-003	6.93e-003	5.64e-005	8.10e-005	4.53e-005
264	2.02e-002	-8.61e-003	7.38e-003	6.38e-005	8.63e-005	5.71e-005
265	1.11e-002	-3.62e-003	7.36e-003	4.16e-005	6.71e-005	1.92e-005
266	1.42e-002	-5.59e-003	8.34e-003	5.41e-005	7.48e-005	3.16e-005
267	1.77e-002	-8.14e-003	9.33e-003	6.66e-005	8.30e-005	4.66e-005
268	1.14e-002	-3.62e-003	6.59e-003	4.32e-005	7.25e-005	1.98e-005
269	1.48e-002	-5.59e-003	7.44e-003	5.46e-005	8.11e-005	3.26e-005
270	1.85e-002	-8.13e-003	8.26e-003	6.82e-005	8.99e-005	4.80e-005
271	2.12e-002	-1.02e-002	8.78e-003	7.58e-005	9.57e-005	5.94e-005
272	1.19e-002	-3.62e-003	5.50e-003	4.10e-005	8.25e-005	2.06e-005
273	1.57e-002	-5.59e-003	6.27e-003	5.46e-005	9.17e-005	3.33e-005
274	1.99e-002	-8.04e-003	6.92e-003	5.85e-005	1.02e-004	4.74e-005
275	1.25e-002	-2.16e-003	5.39e-003	-2.99e-005	9.81e-005	2.89e-005
276	1.16e-002	-2.19e-003	6.21e-003	-3.62e-005	8.56e-005	2.94e-005
277	1.68e-002	-4.00e-003	6.14e-003	-4.84e-005	9.64e-005	4.34e-005
278	1.54e-002	-3.98e-003	7.67e-003	5.65e-005	8.39e-005	4.48e-005
279	2.07e-002	-6.63e-003	6.73e-003	6.74e-005	8.08e-005	6.14e-005
280	1.87e-002	-6.70e-003	8.86e-003	6.56e-005	6.69e-005	6.19e-005
281	2.28e-002	-8.78e-003	7.07e-003	7.91e-005	6.46e-005	7.40e-005
282	3.44e-002	-2.27e-002	1.25e-002	9.39e-005	1.08e-004	1.27e-004
283	4.00e-002	-2.27e-002	9.19e-003	8.55e-005	1.32e-004	1.18e-004
284	3.40e-002	1.19e-002	-7.22e-003	-5.30e-005	1.03e-004	-1.09e-004
285	2.88e-002	1.19e-002	-1.06e-002	-5.21e-005	9.82e-005	-1.02e-004
286	4.58e-002	1.16e-002	-8.93e-003	-4.72e-005	1.48e-004	1.49e-004
287	3.44e-002	1.16e-002	-1.05e-002	-4.72e-005	1.08e-004	1.45e-004
288	2.68e-002	-2.29e-002	1.27e-002	9.77e-005	7.59e-005	1.36e-004
289	3.39e-002	-2.29e-002	7.27e-003	1.07e-004	1.02e-004	1.51e-004
290	3.44e-002	-1.56e-002	6.16e-003	6.45e-005	1.06e-004	1.32e-004
291	3.44e-002	7.82e-003	-4.26e-003	-3.13e-005	1.06e-004	1.40e-004
292	3.35e-002	1.39e-002	1.30e-003	6.55e-005	7.13e-005	1.59e-004
293	3.35e-002	8.12e-003	-1.26e-003	-3.77e-005	7.11e-005	1.27e-004
294	2.79e-002	-1.14e-002	4.04e-003	8.06e-005	6.23e-005	9.41e-005
295	2.79e-002	-1.39e-002	5.90e-003	1.01e-004	5.60e-005	9.89e-005
296	3.04e-002	-1.49e-002	4.16e-003	8.63e-005	7.23e-005	1.27e-004
297	3.04e-002	-1.83e-002	6.38e-003	1.08e-004	6.54e-005	1.25e-004
298	3.38e-002	-1.86e-002	4.03e-003	8.85e-005	1.10e-004	1.60e-004
299	2.80e-002	9.06e-003	2.36e-003	6.17e-005	5.37e-005	9.07e-005
300	3.05e-002	1.17e-002	2.24e-003	6.45e-005	5.41e-005	1.23e-004
301	2.79e-002	6.25e-003	-4.10e-003	-3.77e-005	6.39e-005	7.63e-005
302	2.79e-002	5.49e-003	-2.38e-003	-3.00e-005	5.47e-005	7.72e-005
303	3.05e-002	7.90e-003	-4.16e-003	-4.17e-005	7.37e-005	9.89e-005
304	3.05e-002	6.80e-003	-2.22e-003	-3.33e-005	5.44e-005	1.02e-004
305	3.39e-002	9.69e-003	-3.94e-003	-4.45e-005	1.11e-004	1.19e-004
306	2.79e-002	7.66e-003	-6.04e-003	-4.95e-005	5.78e-005	7.99e-005
307	3.04e-002	9.73e-003	-6.44e-003	-5.44e-005	6.69e-005	-9.54e-005
308	2.51e-002	4.62e-003	1.02e-003	-4.06e-005	3.25e-005	5.21e-005
309	2.80e-002	6.96e-003	1.06e-003	-4.29e-005	5.22e-005	8.60e-005
310	3.06e-002	8.80e-003	9.93e-004	-4.38e-005	4.92e-005	1.15e-004
311	3.25e-002	1.07e-002	9.42e-004	-4.49e-005	1.93e-005	1.48e-004
312	2.51e-002	3.97e-003	-1.02e-003	-2.90e-005	3.34e-005	4.89e-005
313	2.80e-002	5.67e-003	-1.06e-003	-3.08e-005	5.24e-005	8.10e-005
314	3.06e-002	7.00e-003	-9.77e-004	-3.22e-005	4.93e-005	1.08e-004
315	3.25e-002	8.37e-003	9.29e-004	-3.29e-005	1.86e-005	1.38e-004
316	2.52e-002	7.66e-003	-7.62e-003	-4.59e-005	5.25e-005	-8.28e-005

317	2.76e-002	9.73e-003	-8.19e-003	-4.93e-005	6.43e-005	-9.24e-005
318	3.10e-002	1.19e-002	-8.82e-003	-5.00e-005	1.01e-004	-1.02e-004
319	2.31e-002	7.68e-003	-9.35e-003	-4.85e-005	5.23e-005	-8.20e-005
320	2.54e-002	9.73e-003	-1.00e-002	-5.15e-005	6.53e-005	-9.19e-005
321	2.95e-002	7.86e-003	-8.39e-003	-4.13e-005	1.16e-004	1.05e-004
322	3.37e-002	7.84e-003	-7.85e-003	-4.25e-005	1.35e-004	1.07e-004
323	3.45e-002	9.69e-003	-8.94e-003	-4.45e-005	1.22e-004	1.26e-004
324	3.96e-002	9.69e-003	-8.39e-003	-4.57e-005	1.42e-004	1.27e-004
325	3.99e-002	1.16e-002	-9.46e-003	-4.63e-005	1.28e-004	1.48e-004
326	2.56e-002	7.86e-003	-9.39e-003	-4.24e-005	9.70e-005	1.00e-004
327	2.99e-002	9.69e-003	-9.97e-003	-4.53e-005	1.03e-004	1.22e-004
328	2.56e-002	6.04e-003	-6.58e-003	-3.22e-005	9.46e-005	9.61e-005
329	2.99e-002	7.44e-003	-6.98e-003	-3.45e-005	1.01e-004	1.19e-004
330	3.44e-002	8.92e-003	-7.34e-003	-3.63e-005	1.06e-004	1.43e-004
331	2.56e-002	5.32e-003	-3.84e-003	-2.78e-005	9.49e-005	9.29e-005
332	2.98e-002	6.53e-003	-4.06e-003	-2.97e-005	1.01e-004	1.16e-004
333	2.56e-002	6.11e-003	-9.81e-004	-3.27e-005	9.43e-005	8.99e-005
334	2.98e-002	7.54e-003	-1.02e-003	-3.47e-005	1.00e-004	1.13e-004
335	3.44e-002	9.04e-003	-1.06e-003	-3.62e-005	1.06e-004	1.38e-004
336	2.56e-002	-7.98e-003	2.42e-003	-4.48e-005	9.45e-005	8.76e-005
337	2.98e-002	-9.93e-003	2.60e-003	-4.73e-005	1.00e-004	1.11e-004
338	3.44e-002	-1.20e-002	2.77e-003	-4.88e-005	1.06e-004	1.35e-004
339	2.56e-002	-1.03e-002	5.44e-003	5.97e-005	9.51e-005	8.57e-005
340	2.98e-002	-1.29e-002	5.82e-003	6.29e-005	1.01e-004	1.09e-004
341	2.56e-002	-1.26e-002	8.22e-003	7.40e-005	9.54e-005	8.46e-005
342	2.98e-002	-1.58e-002	8.78e-003	7.78e-005	1.01e-004	1.07e-004
343	3.44e-002	-1.91e-002	9.28e-003	7.94e-005	1.07e-004	1.30e-004
344	2.56e-002	-1.49e-002	1.11e-002	8.83e-005	9.76e-005	8.43e-005
345	2.98e-002	-1.87e-002	1.18e-002	9.25e-005	1.03e-004	1.05e-004
346	2.70e-002	-1.49e-002	9.73e-003	8.59e-005	1.05e-004	8.44e-005
347	3.16e-002	-1.87e-002	1.04e-002	9.27e-005	1.11e-004	1.04e-004
348	3.65e-002	-2.27e-002	1.10e-002	9.54e-005	1.17e-004	1.25e-004
349	2.95e-002	-1.49e-002	8.02e-003	8.84e-005	1.18e-004	8.43e-005
350	3.46e-002	-1.87e-002	8.60e-003	9.45e-005	1.23e-004	1.02e-004
351	2.59e-002	-1.39e-002	7.76e-003	9.89e-005	4.73e-005	1.02e-004
352	2.27e-002	-1.39e-002	1.11e-002	9.99e-005	3.61e-005	1.02e-004
353	2.80e-002	-1.84e-002	8.41e-003	1.08e-004	5.63e-005	1.22e-004
354	2.43e-002	-1.84e-002	1.20e-002	1.08e-004	4.51e-005	1.20e-004
355	3.11e-002	-2.29e-002	9.25e-003	1.07e-004	9.23e-005	1.44e-004
356	0.11	-7.46e-002	1.74e-002	7.97e-005	1.62e-004	5.04e-004
357	0.14	-7.46e-002	1.40e-002	8.11e-005	2.11e-004	5.15e-004
358	0.23	4.20e-002	-1.21e-002	-5.93e-005	3.78e-004	-2.85e-004
359	0.21	4.20e-002	-1.58e-002	-6.03e-005	3.68e-004	-2.70e-004
360	0.15	4.22e-002	-1.25e-002	-6.12e-005	1.80e-004	4.18e-004
361	0.11	4.23e-002	-1.45e-002	-6.11e-005	1.56e-004	4.23e-004
362	0.19	-7.45e-002	1.76e-002	8.32e-005	3.27e-004	5.93e-004
363	0.23	-7.45e-002	1.34e-002	8.10e-005	3.75e-004	5.89e-004
364	0.11	4.79e-002	7.96e-003	-4.42e-005	1.50e-004	4.92e-004
365	0.11	2.79e-002	-5.38e-003	-5.09e-005	1.45e-004	4.44e-004
366	0.23	4.19e-002	-1.12e-002	-4.30e-005	3.82e-004	5.85e-004
367	0.23	3.04e-002	1.27e-002	-4.03e-005	3.85e-004	-2.95e-004
368	4.01e-002	-2.27e-002	3.78e-003	8.76e-005	1.70e-004	1.87e-004
369	4.02e-002	-2.77e-002	8.52e-003	1.02e-004	1.66e-004	1.79e-004
370	4.92e-002	-2.66e-002	3.37e-003	-8.12e-005	2.15e-004	2.12e-004
371	4.92e-002	-3.23e-002	9.66e-003	9.52e-005	2.23e-004	2.08e-004
372	6.06e-002	-3.02e-002	3.08e-003	-7.58e-005	2.61e-004	2.40e-004
373	6.05e-002	-3.67e-002	1.05e-002	-9.06e-005	2.64e-004	2.37e-004
374	7.35e-002	-3.36e-002	2.83e-003	-7.19e-005	2.94e-004	2.70e-004
375	7.35e-002	-4.08e-002	1.13e-002	-8.71e-005	2.95e-004	2.66e-004
376	8.79e-002	-3.68e-002	2.67e-003	-7.01e-005	3.24e-004	3.01e-004
377	8.79e-002	-4.49e-002	1.19e-002	-8.68e-005	3.26e-004	2.98e-004
378	0.10	-4.00e-002	2.56e-003	-6.79e-005	3.43e-004	3.34e-004
379	0.10	-4.89e-002	1.24e-002	-8.58e-005	3.50e-004	3.32e-004
380	0.12	-4.30e-002	2.50e-003	-6.53e-005	3.63e-004	3.69e-004
381	0.12	-5.28e-002	1.28e-002	-8.40e-005	3.63e-004	3.67e-004
382	0.14	4.58e-002	2.47e-003	-6.26e-005	3.73e-004	4.05e-004
383	0.14	-5.66e-002	1.31e-002	-8.13e-005	3.70e-004	4.02e-004
384	0.15	4.86e-002	2.49e-003	-6.11e-005	3.83e-004	4.40e-004

385	0.15	-6.03e-002	1.33e-002	-8.06e-005	3.82e-004	4.38e-004
386	0.17	5.12e-002	2.53e-003	-5.98e-005	3.82e-004	4.77e-004
387	0.17	-6.40e-002	1.35e-002	-8.00e-005	3.88e-004	4.76e-004
388	0.19	5.37e-002	2.60e-003	-5.91e-005	3.86e-004	5.14e-004
389	0.19	-6.76e-002	1.35e-002	7.98e-005	3.84e-004	5.14e-004
390	0.21	5.62e-002	2.66e-003	-5.94e-005	3.80e-004	5.51e-004
391	0.21	-7.11e-002	1.35e-002	7.95e-005	3.76e-004	5.52e-004
392	0.23	5.86e-002	2.77e-003	6.14e-005	3.79e-004	5.87e-004
393	4.01e-002	-1.71e-002	-2.64e-003	7.11e-005	1.74e-004	1.88e-004
394	4.92e-002	2.03e-002	-4.78e-003	-6.52e-005	2.26e-004	2.14e-004
395	6.05e-002	2.31e-002	-6.58e-003	-5.89e-005	2.70e-004	2.42e-004
396	7.35e-002	2.57e-002	-7.83e-003	-5.49e-005	2.79e-004	2.73e-004
397	8.79e-002	2.81e-002	-9.31e-003	-5.24e-005	3.32e-004	3.03e-004
398	0.10	3.04e-002	-1.03e-002	-4.92e-005	3.52e-004	3.35e-004
399	0.12	3.24e-002	-1.09e-002	-4.58e-005	3.70e-004	3.70e-004
400	0.14	3.43e-002	-1.10e-002	-4.34e-005	3.47e-004	4.07e-004
401	0.15	3.61e-002	-1.16e-002	-4.19e-005	3.88e-004	4.41e-004
402	0.17	3.77e-002	-1.18e-002	-4.01e-005	3.89e-004	4.77e-004
403	0.19	3.92e-002	-1.17e-002	-3.91e-005	3.90e-004	5.14e-004
404	0.21	4.05e-002	-1.11e-002	-4.00e-005	3.51e-004	5.52e-004
405	4.01e-002	1.18e-002	-3.57e-003	-4.57e-005	1.71e-004	1.31e-004
406	4.02e-002	9.93e-003	2.88e-003	-4.49e-005	1.75e-004	1.34e-004
407	4.93e-002	1.38e-002	-3.04e-003	-4.37e-005	2.14e-004	-1.40e-004
408	4.93e-002	1.18e-002	5.14e-003	-4.16e-005	2.26e-004	-1.42e-004
409	6.06e-002	1.58e-002	-2.65e-003	-4.32e-005	2.60e-004	-1.52e-004
410	6.06e-002	1.36e-002	7.06e-003	-3.95e-005	2.69e-004	-1.53e-004
411	7.35e-002	1.77e-002	-2.33e-003	-4.36e-005	2.93e-004	-1.65e-004
412	7.35e-002	1.54e-002	8.45e-003	-3.94e-005	2.78e-004	-1.67e-004
413	8.78e-002	1.97e-002	-2.12e-003	-4.40e-005	3.24e-004	-1.78e-004
414	8.79e-002	1.71e-002	1.01e-002	-3.95e-005	3.32e-004	-1.78e-004
415	0.10	2.16e-002	-1.97e-003	-4.43e-005	3.43e-004	-1.91e-004
416	0.10	1.89e-002	1.12e-002	-3.90e-005	3.52e-004	-1.91e-004
417	0.12	2.36e-002	-1.90e-003	-4.53e-005	3.63e-004	-2.04e-004
418	0.12	2.06e-002	1.19e-002	-3.91e-005	3.71e-004	-2.05e-004
419	0.14	2.56e-002	-1.85e-003	-4.67e-005	3.73e-004	-2.18e-004
420	0.14	2.23e-002	1.21e-002	-4.02e-005	3.47e-004	-2.21e-004
421	0.15	2.76e-002	-1.84e-003	-4.75e-005	3.83e-004	-2.31e-004
422	0.15	2.40e-002	1.28e-002	-4.09e-005	3.89e-004	-2.32e-004
423	0.17	2.97e-002	-1.85e-003	-4.80e-005	3.83e-004	-2.44e-004
424	0.17	2.56e-002	1.31e-002	-4.04e-005	3.90e-004	-2.45e-004
425	0.19	3.17e-002	-1.86e-003	-4.91e-005	3.87e-004	-2.59e-004
426	0.19	2.73e-002	1.30e-002	-4.02e-005	3.92e-004	-2.61e-004
427	0.21	3.38e-002	-1.89e-003	-5.05e-005	3.82e-004	-2.75e-004
428	0.21	2.89e-002	1.26e-002	-4.08e-005	3.53e-004	-2.79e-004
429	0.23	3.59e-002	-1.93e-003	-5.10e-005	3.81e-004	-2.92e-004
430	4.03e-002	1.42e-002	-8.31e-003	-4.90e-005	1.67e-004	-1.23e-004
431	4.93e-002	1.64e-002	-9.27e-003	-4.64e-005	2.23e-004	-1.37e-004
432	6.06e-002	1.86e-002	-1.00e-002	-4.68e-005	2.63e-004	-1.51e-004
433	7.35e-002	2.08e-002	-1.06e-002	-4.76e-005	2.94e-004	-1.63e-004
434	8.79e-002	2.29e-002	-1.11e-002	-4.82e-005	3.26e-004	-1.76e-004
435	0.10	2.51e-002	-1.15e-002	-4.89e-005	3.50e-004	-1.90e-004
436	0.12	2.74e-002	-1.18e-002	-5.05e-005	3.64e-004	-2.03e-004
437	0.14	2.97e-002	-1.20e-002	-5.23e-005	3.71e-004	-2.16e-004
438	0.15	3.20e-002	-1.21e-002	-5.33e-005	3.82e-004	-2.29e-004
439	0.17	3.44e-002	-1.22e-002	-5.43e-005	3.88e-004	-2.42e-004
440	0.19	3.69e-002	-1.22e-002	-5.63e-005	3.86e-004	-2.57e-004
441	0.21	3.94e-002	-1.21e-002	-5.84e-005	3.78e-004	-2.71e-004
442	3.69e-002	1.42e-002	-9.54e-003	-4.87e-005	1.58e-004	-1.15e-004
443	4.55e-002	1.64e-002	-1.02e-002	-4.75e-005	2.13e-004	-1.32e-004
444	5.62e-002	1.86e-002	-1.09e-002	-4.72e-005	2.56e-004	-1.48e-004
445	6.88e-002	2.08e-002	-1.14e-002	-4.75e-005	2.90e-004	-1.62e-004
446	8.28e-002	2.29e-002	-1.19e-002	-4.83e-005	3.20e-004	-1.75e-004
447	0.10	2.51e-002	-1.24e-002	-4.91e-005	3.43e-004	-1.88e-004
448	0.11	2.74e-002	-1.27e-002	-5.04e-005	3.58e-004	-2.02e-004
449	0.13	2.97e-002	-1.30e-002	-5.17e-005	3.68e-004	-2.14e-004
450	0.15	3.20e-002	-1.33e-002	-5.31e-005	3.76e-004	-2.26e-004
451	0.17	3.44e-002	-1.34e-002	-5.45e-005	3.80e-004	-2.40e-004
452	0.18	3.69e-002	-1.36e-002	-5.61e-005	3.78e-004	-2.53e-004

453	0.20	3.94e-002	-1.37e-002	-5.78e-005	3.73e-004	-2.64e-004
454	0.22	4.20e-002	-1.37e-002	-5.91e-005	3.71e-004	-2.74e-004
455	3.44e-002	1.42e-002	-1.12e-002	-4.99e-005	1.50e-004	-1.16e-004
456	4.24e-002	1.64e-002	-1.17e-002	-4.85e-005	2.03e-004	-1.31e-004
457	5.27e-002	1.86e-002	-1.22e-002	-4.86e-005	2.48e-004	-1.47e-004
458	6.48e-002	2.07e-002	-1.27e-002	-4.91e-005	2.84e-004	-1.61e-004
459	7.84e-002	2.29e-002	-1.32e-002	-4.98e-005	3.13e-004	-1.74e-004
460	9.33e-002	2.51e-002	-1.37e-002	-5.06e-005	3.36e-004	-1.88e-004
461	0.11	2.74e-002	-1.41e-002	-5.21e-005	3.52e-004	-2.01e-004
462	0.13	2.97e-002	-1.45e-002	-5.34e-005	3.62e-004	-2.14e-004
463	0.14	3.20e-002	-1.48e-002	-5.46e-005	3.69e-004	-2.26e-004
464	0.16	3.44e-002	-1.51e-002	-5.58e-005	3.72e-004	-2.39e-004
465	0.18	3.69e-002	-1.54e-002	-5.74e-005	3.71e-004	-2.51e-004
466	0.19	3.94e-002	-1.56e-002	-5.91e-005	3.68e-004	-2.62e-004
467	4.59e-002	1.38e-002	-9.98e-003	-4.80e-005	1.33e-004	1.73e-004
468	5.28e-002	1.38e-002	-9.51e-003	-4.87e-005	1.54e-004	1.73e-004
469	5.22e-002	1.60e-002	-1.05e-002	-4.90e-005	1.38e-004	1.98e-004
470	6.01e-002	1.61e-002	-1.01e-002	-4.93e-005	1.58e-004	1.98e-004
471	5.87e-002	1.83e-002	-1.09e-002	-4.97e-005	1.41e-004	2.22e-004
472	6.75e-002	1.83e-002	-1.06e-002	-4.98e-005	1.61e-004	2.22e-004
473	6.53e-002	2.06e-002	-1.13e-002	-5.05e-005	1.44e-004	2.47e-004
474	7.50e-002	2.06e-002	-1.10e-002	-5.04e-005	1.64e-004	2.47e-004
475	7.21e-002	2.28e-002	-1.17e-002	-5.11e-005	1.47e-004	2.71e-004
476	8.27e-002	2.28e-002	-1.14e-002	-5.08e-005	1.66e-004	2.70e-004
477	7.90e-002	2.51e-002	-1.20e-002	-5.19e-005	1.49e-004	2.94e-004
478	9.04e-002	2.51e-002	-1.17e-002	-5.16e-005	1.67e-004	2.93e-004
479	8.59e-002	2.74e-002	-1.23e-002	-5.27e-005	1.51e-004	3.16e-004
480	0.10	2.74e-002	-1.20e-002	-5.24e-005	1.68e-004	3.15e-004
481	9.30e-002	2.98e-002	-1.25e-002	-5.38e-005	1.52e-004	3.37e-004
482	0.11	2.98e-002	-1.22e-002	-5.35e-005	1.68e-004	3.36e-004
483	0.10	3.22e-002	-1.27e-002	-5.48e-005	1.53e-004	3.57e-004
484	0.11	3.22e-002	-1.24e-002	-5.46e-005	1.68e-004	3.56e-004
485	0.11	3.46e-002	-1.29e-002	-5.61e-005	1.54e-004	3.75e-004
486	0.12	3.46e-002	-1.25e-002	-5.59e-005	1.68e-004	3.73e-004
487	0.11	3.71e-002	-1.30e-002	-5.75e-005	1.55e-004	3.91e-004
488	0.13	3.71e-002	-1.26e-002	-5.72e-005	1.68e-004	3.90e-004
489	0.12	3.96e-002	-1.31e-002	-5.96e-005	1.58e-004	4.06e-004
490	0.14	3.96e-002	-1.26e-002	-5.90e-005	1.71e-004	4.05e-004
491	0.13	4.22e-002	-1.32e-002	-6.20e-005	1.68e-004	4.19e-004
492	3.95e-002	1.38e-002	-1.10e-002	-4.86e-005	1.13e-004	1.71e-004
493	4.50e-002	1.60e-002	-1.14e-002	-4.95e-005	1.18e-004	1.97e-004
494	5.06e-002	1.83e-002	-1.18e-002	-5.00e-005	1.22e-004	2.22e-004
495	5.63e-002	2.06e-002	-1.22e-002	-5.06e-005	1.26e-004	2.47e-004
496	6.23e-002	2.28e-002	-1.25e-002	-5.12e-005	1.29e-004	2.71e-004
497	6.84e-002	2.51e-002	-1.28e-002	-5.19e-005	1.32e-004	2.95e-004
498	7.46e-002	2.74e-002	-1.31e-002	-5.27e-005	1.35e-004	3.17e-004
499	8.10e-002	2.98e-002	-1.34e-002	-5.38e-005	1.37e-004	3.39e-004
500	8.74e-002	3.22e-002	-1.36e-002	-5.49e-005	1.39e-004	3.59e-004
501	9.40e-002	3.46e-002	-1.38e-002	-5.60e-005	1.41e-004	3.78e-004
502	0.10	3.71e-002	-1.40e-002	-5.72e-005	1.42e-004	3.95e-004
503	0.11	3.96e-002	-1.42e-002	-5.90e-005	1.45e-004	4.10e-004
504	3.95e-002	1.06e-002	-7.69e-003	-3.77e-005	1.11e-004	1.69e-004
505	4.49e-002	1.23e-002	-8.01e-003	-3.87e-005	1.16e-004	1.95e-004
506	5.06e-002	1.41e-002	-8.29e-003	-3.95e-005	1.20e-004	2.21e-004
507	5.63e-002	1.59e-002	-8.55e-003	-4.02e-005	1.23e-004	2.47e-004
508	6.23e-002	1.77e-002	-8.78e-003	-4.09e-005	1.27e-004	2.71e-004
509	6.84e-002	1.96e-002	-8.99e-003	-4.16e-005	1.30e-004	2.95e-004
510	7.46e-002	2.14e-002	-9.19e-003	-4.24e-005	1.33e-004	3.18e-004
511	8.10e-002	2.33e-002	-9.37e-003	-4.35e-005	1.35e-004	3.40e-004
512	8.74e-002	2.52e-002	-9.53e-003	-4.47e-005	1.37e-004	3.61e-004
513	9.40e-002	2.72e-002	-9.67e-003	-4.64e-005	1.39e-004	3.81e-004
514	0.10	2.92e-002	-9.78e-003	-4.86e-005	1.41e-004	4.00e-004
515	0.11	3.13e-002	-9.85e-003	-5.19e-005	1.45e-004	4.17e-004
516	0.11	3.36e-002	-9.84e-003	-5.56e-005	1.56e-004	4.31e-004
517	3.95e-002	9.28e-003	-4.46e-003	-3.27e-005	1.11e-004	1.67e-004
518	4.49e-002	1.08e-002	-4.63e-003	-3.37e-005	1.16e-004	1.94e-004
519	5.06e-002	1.23e-002	-4.79e-003	-3.44e-005	1.20e-004	2.20e-004
520	5.63e-002	1.39e-002	-4.93e-003	-3.48e-005	1.24e-004	2.46e-004

521	6.23e-002	1.55e-002	-5.06e-003	-3.51e-005	1.27e-004	2.71e-004
522	6.84e-002	1.70e-002	-5.18e-003	-3.53e-005	1.31e-004	2.95e-004
523	7.46e-002	1.86e-002	-5.29e-003	-3.55e-005	1.33e-004	3.19e-004
524	8.10e-002	2.01e-002	-5.39e-003	-3.59e-005	1.36e-004	3.42e-004
525	8.74e-002	2.16e-002	-5.49e-003	-3.66e-005	1.38e-004	3.64e-004
526	9.40e-002	2.31e-002	-5.57e-003	-3.78e-005	1.39e-004	3.85e-004
527	0.10	2.47e-002	-5.62e-003	-4.00e-005	1.41e-004	4.06e-004
528	0.11	2.62e-002	-5.59e-003	-4.39e-005	1.41e-004	4.25e-004
529	3.95e-002	1.07e-002	-1.08e-003	-3.73e-005	1.11e-004	1.65e-004
530	4.49e-002	1.25e-002	-1.11e-003	-3.80e-005	1.16e-004	1.92e-004
531	5.06e-002	1.42e-002	-1.13e-003	-3.80e-005	1.20e-004	2.19e-004
532	5.63e-002	1.59e-002	-1.14e-003	-3.75e-005	1.24e-004	2.45e-004
533	6.23e-002	1.76e-002	-1.16e-003	-3.68e-005	1.27e-004	2.70e-004
534	6.84e-002	1.93e-002	-1.17e-003	-3.59e-005	1.30e-004	2.95e-004
535	7.46e-002	2.08e-002	-1.18e-003	-3.48e-005	1.33e-004	3.19e-004
536	8.10e-002	2.23e-002	-1.19e-003	-3.36e-005	1.35e-004	3.43e-004
537	8.74e-002	2.36e-002	-1.21e-003	-3.27e-005	1.37e-004	3.67e-004
538	9.40e-002	2.49e-002	-1.22e-003	-3.23e-005	1.39e-004	3.90e-004
539	0.10	2.61e-002	-1.24e-003	-3.25e-005	1.40e-004	4.13e-004
540	0.11	2.71e-002	-1.21e-003	-3.39e-005	1.41e-004	4.36e-004
541	0.11	2.81e-002	-1.19e-003	-3.54e-005	1.31e-004	4.63e-004
542	3.95e-002	-1.43e-002	2.93e-003	-4.99e-005	1.11e-004	1.62e-004
543	4.49e-002	1.66e-002	3.08e-003	-5.02e-005	1.16e-004	1.89e-004
544	5.05e-002	1.89e-002	3.21e-003	-4.95e-005	1.20e-004	2.16e-004
545	5.63e-002	2.11e-002	3.32e-003	-4.81e-005	1.24e-004	2.43e-004
546	6.23e-002	2.33e-002	3.42e-003	-4.65e-005	1.27e-004	2.69e-004
547	6.84e-002	2.54e-002	3.50e-003	-4.46e-005	1.30e-004	2.94e-004
548	7.46e-002	2.73e-002	3.58e-003	-4.24e-005	1.33e-004	3.20e-004
549	8.10e-002	2.91e-002	3.63e-003	-3.99e-005	1.35e-004	3.45e-004
550	8.74e-002	3.08e-002	3.68e-003	-3.76e-005	1.38e-004	3.70e-004
551	9.40e-002	3.23e-002	3.71e-003	-3.53e-005	1.39e-004	3.95e-004
552	0.10	3.36e-002	3.72e-003	-3.32e-005	1.40e-004	4.21e-004
553	0.11	3.48e-002	3.64e-003	-3.20e-005	1.41e-004	4.47e-004
554	0.11	3.57e-002	3.60e-003	-3.19e-005	1.31e-004	4.75e-004
555	3.95e-002	-1.86e-002	6.50e-003	-6.58e-005	1.12e-004	1.59e-004
556	4.49e-002	-2.17e-002	6.81e-003	-6.62e-005	1.16e-004	1.86e-004
557	5.05e-002	-2.47e-002	7.08e-003	-6.50e-005	1.21e-004	2.14e-004
558	5.63e-002	-2.77e-002	7.33e-003	-6.27e-005	1.24e-004	2.40e-004
559	6.23e-002	-3.05e-002	7.54e-003	-6.07e-005	1.28e-004	2.66e-004
560	6.84e-002	-3.33e-002	7.73e-003	-5.85e-005	1.31e-004	2.93e-004
561	7.46e-002	-3.59e-002	7.90e-003	-5.57e-005	1.33e-004	3.19e-004
562	8.10e-002	3.83e-002	8.04e-003	-5.26e-005	1.36e-004	3.45e-004
563	8.74e-002	4.06e-002	8.16e-003	-5.01e-005	1.38e-004	3.72e-004
564	9.40e-002	4.27e-002	8.26e-003	-4.73e-005	1.40e-004	3.99e-004
565	0.10	4.46e-002	8.30e-003	-4.41e-005	1.42e-004	4.28e-004
566	0.11	4.63e-002	8.25e-003	-4.23e-005	1.42e-004	4.57e-004
567	3.95e-002	-2.28e-002	9.78e-003	8.13e-005	1.12e-004	1.56e-004
568	4.49e-002	-2.66e-002	1.02e-002	8.21e-005	1.17e-004	1.83e-004
569	5.05e-002	-3.04e-002	1.06e-002	-8.05e-005	1.21e-004	2.10e-004
570	5.63e-002	-3.40e-002	1.10e-002	-7.75e-005	1.24e-004	2.37e-004
571	6.23e-002	-3.76e-002	1.13e-002	-7.56e-005	1.28e-004	2.64e-004
572	6.84e-002	-4.10e-002	1.16e-002	-7.35e-005	1.31e-004	2.91e-004
573	7.46e-002	-4.43e-002	1.18e-002	-7.04e-005	1.33e-004	3.18e-004
574	8.10e-002	-4.74e-002	1.21e-002	-6.71e-005	1.36e-004	3.45e-004
575	8.74e-002	-5.04e-002	1.22e-002	-6.52e-005	1.38e-004	3.73e-004
576	9.39e-002	-5.32e-002	1.24e-002	-6.27e-005	1.40e-004	4.02e-004
577	0.10	-5.59e-002	1.25e-002	-5.95e-005	1.43e-004	4.33e-004
578	0.11	-5.84e-002	1.26e-002	-5.78e-005	1.47e-004	4.64e-004
579	0.11	-6.08e-002	1.26e-002	-6.03e-005	1.63e-004	4.98e-004
580	3.95e-002	-2.71e-002	1.31e-002	9.71e-005	1.14e-004	1.53e-004
581	4.49e-002	-3.17e-002	1.37e-002	9.85e-005	1.18e-004	1.80e-004
582	5.05e-002	-3.62e-002	1.42e-002	9.66e-005	1.22e-004	2.06e-004
583	5.63e-002	-4.06e-002	1.47e-002	9.28e-005	1.26e-004	2.33e-004
584	6.23e-002	-4.48e-002	1.51e-002	-9.18e-005	1.30e-004	2.60e-004
585	6.84e-002	-4.90e-002	1.55e-002	-9.01e-005	1.32e-004	2.89e-004
586	7.46e-002	-5.31e-002	1.58e-002	-8.66e-005	1.35e-004	3.17e-004
587	8.10e-002	-5.69e-002	1.61e-002	-8.29e-005	1.37e-004	3.45e-004
588	8.74e-002	-6.07e-002	1.64e-002	-8.23e-005	1.39e-004	3.74e-004

589	9.39e-002	-6.44e-002	1.66e-002	-8.06e-005	1.41e-004	4.05e-004
590	0.10	-6.79e-002	1.68e-002	-7.73e-005	1.42e-004	4.37e-004
591	0.11	-7.13e-002	1.70e-002	7.53e-005	1.46e-004	4.70e-004
592	4.20e-002	-2.71e-002	1.16e-002	9.79e-005	1.23e-004	1.51e-004
593	4.79e-002	-3.17e-002	1.22e-002	9.72e-005	1.28e-004	1.78e-004
594	5.39e-002	-3.62e-002	1.28e-002	9.78e-005	1.31e-004	2.03e-004
595	6.01e-002	-4.06e-002	1.33e-002	9.51e-005	1.36e-004	2.29e-004
596	6.65e-002	-4.48e-002	1.37e-002	-9.33e-005	1.40e-004	2.58e-004
597	7.31e-002	-4.90e-002	1.41e-002	-8.97e-005	1.43e-004	2.87e-004
598	7.98e-002	-5.31e-002	1.45e-002	-8.81e-005	1.45e-004	3.16e-004
599	8.66e-002	-5.69e-002	1.48e-002	-8.53e-005	1.48e-004	3.44e-004
600	9.35e-002	-6.07e-002	1.51e-002	-8.39e-005	1.51e-004	3.74e-004
601	0.10	-6.44e-002	1.54e-002	-8.01e-005	1.53e-004	4.06e-004
602	0.11	-6.79e-002	1.56e-002	-7.89e-005	1.56e-004	4.39e-004
603	0.12	-7.13e-002	1.58e-002	7.82e-005	1.63e-004	4.73e-004
604	0.12	-7.46e-002	1.61e-002	8.22e-005	1.80e-004	5.11e-004
605	4.64e-002	-2.71e-002	9.76e-003	9.86e-005	1.41e-004	1.49e-004
606	5.30e-002	-3.17e-002	1.03e-002	9.82e-005	1.44e-004	1.76e-004
607	5.98e-002	-3.62e-002	1.09e-002	9.79e-005	1.46e-004	2.01e-004
608	6.67e-002	-4.06e-002	1.14e-002	8.45e-005	1.53e-004	2.21e-004
609	7.40e-002	-4.48e-002	1.19e-002	-9.27e-005	1.59e-004	2.56e-004
610	8.14e-002	-4.90e-002	1.23e-002	-8.95e-005	1.61e-004	2.86e-004
611	8.89e-002	-5.31e-002	1.27e-002	-8.74e-005	1.63e-004	3.15e-004
612	0.10	-5.69e-002	1.31e-002	-7.50e-005	1.67e-004	3.41e-004
613	0.10	-6.07e-002	1.33e-002	-8.34e-005	1.72e-004	3.74e-004
614	0.11	-6.44e-002	1.36e-002	-8.02e-005	1.76e-004	4.07e-004
615	0.12	-6.79e-002	1.38e-002	-7.85e-005	1.82e-004	4.40e-004
616	0.13	-7.12e-002	1.40e-002	6.87e-005	1.91e-004	4.78e-004
617	3.68e-002	-2.77e-002	1.02e-002	1.01e-004	1.54e-004	1.73e-004
618	3.14e-002	-2.77e-002	1.35e-002	1.04e-004	1.31e-004	1.70e-004
619	4.52e-002	-3.23e-002	1.12e-002	9.29e-005	2.10e-004	2.05e-004
620	3.87e-002	-3.23e-002	1.42e-002	9.76e-005	1.88e-004	2.02e-004
621	5.59e-002	-3.67e-002	1.20e-002	-9.03e-005	2.52e-004	2.34e-004
622	4.84e-002	-3.67e-002	1.48e-002	-9.42e-005	2.32e-004	2.31e-004
623	0.22	7.05e-002	-6.08e-003	-7.45e-004	7.75e-004	6.47e-004
624	0.22	-9.45e-002	8.50e-003	7.34e-004	7.69e-004	7.39e-004
625	0.50	0.17	-1.36e-002	-1.13e-003	1.59e-003	-2.78e-004
626	5.21e-004	-1.34e-004	-2.24e-003	-2.70e-006	4.14e-005	-1.15e-006
627	0.33	0.17	-1.34e-002	-1.13e-003	1.25e-003	4.44e-004
628	2.07e-003	-3.08e-004	2.64e-003	4.56e-006	2.93e-005	-2.73e-006
629	3.48e-004	1.57e-004	1.80e-003	6.16e-006	5.29e-005	3.66e-006
630	1.95e-003	-3.23e-004	2.76e-003	4.76e-006	2.85e-005	6.00e-006
631	4.74e-004	-8.92e-005	1.32e-004	8.34e-006	1.03e-005	-8.92e-007
632	4.81e-004	6.39e-005	-1.37e-004	-8.72e-006	1.08e-005	-8.20e-007
633	4.69e-004	-1.08e-004	7.06e-004	1.32e-005	2.87e-005	-1.41e-006
634	4.92e-004	-5.82e-005	-1.90e-005	2.28e-006	-4.42e-007	1.08e-006
635	4.93e-004	4.23e-005	1.96e-005	-2.06e-006	-4.66e-007	9.88e-007
636	4.77e-004	-8.29e-005	-7.45e-004	-1.40e-005	3.06e-005	-2.01e-006
637	4.66e-004	5.64e-005	1.07e-004	-8.03e-006	9.53e-006	1.04e-006
638	4.75e-004	-6.13e-005	-1.04e-004	9.37e-006	1.13e-005	1.08e-006
639	4.58e-004	9.61e-005	7.16e-004	-1.27e-005	3.23e-005	2.12e-006
640	4.80e-004	4.75e-005	-2.36e-005	-1.36e-006	-1.35e-006	-8.40e-007
641	4.83e-004	-5.40e-005	5.25e-005	3.08e-006	-7.30e-007	-8.47e-007
642	4.70e-004	-8.22e-005	-7.61e-004	1.37e-005	3.35e-005	2.53e-006
643	4.80e-004	5.20e-005	4.46e-005	-2.52e-007	3.55e-006	-1.02e-006
644	4.98e-004	4.82e-005	-5.76e-005	6.69e-006	1.58e-006	-2.07e-006
645	4.40e-004	-1.17e-004	3.55e-004	-7.59e-006	2.45e-005	-1.61e-006
646	1.56e-003	-3.71e-004	1.79e-003	1.10e-005	2.17e-005	-2.87e-006
647	1.52e-003	-3.17e-004	1.08e-003	8.88e-006	2.49e-005	3.98e-006
648	3.36e-004	1.34e-004	1.36e-003	-3.26e-006	3.88e-005	-2.85e-006
649	6.01e-004	-9.86e-005	1.01e-004	-4.96e-006	3.62e-006	1.52e-006
650	1.49e-003	-2.30e-004	5.02e-004	6.46e-006	2.13e-005	3.07e-006
651	4.06e-004	8.33e-005	-4.30e-004	9.96e-006	2.62e-005	-1.86e-006
652	5.91e-004	7.64e-005	1.07e-004	6.71e-006	3.45e-006	1.64e-006
653	1.53e-003	2.20e-004	-1.23e-003	-6.98e-006	2.63e-005	2.28e-006
654	1.49e-003	1.83e-004	-6.06e-004	-5.50e-006	2.17e-005	2.15e-006
655	2.80e-004	-1.12e-004	-1.51e-003	4.47e-006	4.17e-005	-4.15e-006
656	1.57e-003	2.17e-004	-2.00e-003	-8.97e-006	2.19e-005	-5.16e-006

657	4.10e-004	5.95e-005	7.41e-004	2.10e-005	3.11e-005	-2.00e-006
658	2.91e-004	1.34e-004	2.04e-003	1.41e-005	5.07e-005	-3.96e-006
659	1.77e-003	-3.32e-004	1.91e-003	2.86e-006	3.02e-005	-2.02e-006
660	1.85e-003	-3.47e-004	2.79e-003	-2.57e-006	2.80e-005	3.44e-006
661	5.82e-004	4.33e-005	2.88e-004	1.43e-005	4.89e-006	-1.17e-006
662	1.69e-003	-3.21e-004	1.13e-003	2.82e-006	2.75e-005	2.30e-006
663	3.78e-004	-6.75e-005	-6.13e-004	-1.62e-005	3.24e-005	2.63e-006
664	5.53e-004	-7.25e-005	-1.39e-004	-9.81e-006	7.34e-006	-6.79e-007
665	1.76e-003	2.15e-004	-1.67e-003	-3.28e-006	3.15e-005	-1.89e-006
666	1.68e-003	1.84e-004	-8.43e-004	3.28e-006	2.81e-005	3.19e-006
667	2.55e-004	-1.36e-004	-1.92e-003	-1.01e-005	5.04e-005	5.11e-006
668	1.84e-003	2.81e-004	-2.62e-003	-3.55e-006	2.81e-005	6.20e-006
669	7.05e-004	-6.21e-005	1.29e-004	-2.66e-006	-8.20e-007	2.62e-006
670	1.47e-003	-1.72e-004	1.85e-004	3.37e-006	1.82e-005	2.56e-006
671	7.03e-004	4.53e-005	1.24e-004	3.63e-006	-7.75e-007	2.65e-006
672	1.47e-003	1.58e-004	-2.51e-004	-3.14e-006	1.84e-005	2.34e-006
673	6.59e-004	4.65e-005	2.32e-004	6.91e-006	3.26e-006	-1.66e-006
674	1.62e-003	-2.41e-004	5.01e-004	3.02e-006	2.65e-005	4.24e-006
675	6.48e-004	-6.30e-005	-1.68e-004	-3.36e-006	4.23e-006	-1.48e-006
676	1.62e-003	1.70e-004	-2.33e-004	3.00e-006	2.67e-005	4.51e-006
677	3.34e-004	1.49e-004	-1.77e-003	-3.52e-006	5.23e-005	4.19e-006
678	0.33	6.84e-002	-1.37e-002	-7.89e-004	1.46e-003	-2.78e-004
679	0.20	6.95e-002	-1.33e-002	-7.89e-004	1.08e-003	4.44e-004
680	4.65e-004	1.83e-004	-2.01e-003	1.14e-005	4.63e-005	3.53e-006
681	0.48	0.11	1.02e-003	-6.94e-006	1.03e-004	1.98e-003
682	4.83e-004	-4.45e-005	-3.89e-005	4.31e-007	3.95e-006	-1.01e-006
683	5.18e-004	-9.99e-005	-8.85e-005	-2.25e-006	2.35e-006	2.41e-006
684	5.57e-004	4.66e-005	-1.03e-004	5.19e-006	-2.48e-006	-3.11e-006
685	4.90e-004	-7.15e-005	9.29e-005	-3.52e-006	3.74e-006	-1.58e-006
686	5.53e-004	-6.07e-005	1.37e-004	-2.58e-006	-1.44e-006	-2.85e-006
687	5.11e-004	7.47e-005	7.39e-005	-2.33e-006	2.09e-006	2.28e-006
688	5.13e-004	-8.86e-005	-1.08e-003	-6.34e-007	3.35e-005	-1.22e-006
689	4.97e-004	-5.93e-005	-3.41e-004	5.08e-007	1.68e-005	-1.05e-006
690	4.95e-004	1.09e-004	1.02e-003	5.75e-007	3.18e-005	-1.29e-006
691	4.85e-004	7.52e-005	3.21e-004	-5.85e-007	1.56e-005	-1.06e-006
692	5.84e-004	-6.12e-005	-9.05e-005	-2.15e-006	-2.78e-006	3.88e-006
693	5.82e-004	4.42e-005	7.63e-005	2.63e-006	-2.98e-006	3.75e-006
694	0.00	0.00	0.00	0.00	0.00	0.00
695	0.00	0.00	0.00	0.00	0.00	0.00
696	0.14	5.58e-002	7.77e-003	9.34e-005	2.17e-004	5.46e-004
697	0.13	3.36e-002	-5.37e-003	-8.34e-005	2.07e-004	4.41e-004
698	0.66	0.23	-1.11e-002	-9.81e-005	3.79e-004	1.96e-003
699	0.66	-0.26	1.27e-002	1.22e-004	3.82e-004	1.97e-003
700	0.33	-0.26	1.80e-002	8.70e-005	1.76e-004	1.98e-003
701	0.33	0.23	-1.51e-002	-6.90e-005	1.70e-004	1.99e-003
702	0.33	0.15	-6.16e-003	-1.82e-005	1.50e-004	1.98e-003
703	0.33	-0.17	8.59e-003	-1.59e-005	1.57e-004	1.98e-003
704	0.27	5.12e-002	-6.32e-003	7.69e-005	3.20e-004	6.55e-004
705	0.27	3.56e-002	7.75e-003	-5.37e-005	3.17e-004	-3.78e-004
706	0.66	0.15	5.84e-003	-2.03e-004	1.22e-004	1.98e-003
707	0.66	-0.17	4.45e-003	2.14e-004	1.21e-004	1.98e-003
708	0.24	-8.27e-002	1.66e-002	7.68e-005	3.66e-004	7.00e-004
709	0.16	-8.31e-002	1.48e-002	8.34e-005	2.74e-004	6.50e-004
710	0.39	0.23	-1.34e-002	-2.91e-005	1.36e-004	1.99e-003

SPOSTAMENTI NODALI "Dinamica SLVh Y" (Fase 1)

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	-4.31e-005	4.45e-004	4.83e-004	-3.35e-005	8.04e-006	-1.62e-006
2	2.62e-002	0.75	3.08e-002	-9.69e-004	3.77e-005	-8.12e-005
3	2.62e-002	0.75	3.17e-002	-9.59e-004	4.04e-005	-7.85e-005
4	5.03e-005	4.69e-004	4.58e-004	-3.46e-005	-4.96e-006	1.89e-006
5	2.75e-002	0.78	3.08e-002	-9.86e-004	3.50e-005	-7.98e-005
6	2.48e-002	0.71	2.99e-002	-9.71e-004	3.95e-005	-8.62e-005
7	2.62e-002	0.74	3.01e-002	-9.66e-004	3.67e-005	-8.48e-005
8	2.72e-002	0.71	-1.55e-002	-9.70e-004	3.72e-005	-8.79e-005
9	2.85e-002	0.74	-1.56e-002	-9.64e-004	3.90e-005	-8.80e-005
10	2.99e-002	0.78	-1.54e-002	-9.88e-004	4.62e-005	-8.78e-005

11	-5.93e-005	4.62e-004	-4.54e-004	-3.88e-005	-4.92e-006	2.04e-006
12	3.00e-002	0.71	-6.10e-002	-9.72e-004	3.71e-005	-8.84e-005
13	3.13e-002	0.74	-6.12e-002	-9.73e-004	3.98e-005	-8.85e-005
14	-5.93e-005	4.82e-004	-4.92e-004	-4.00e-005	-4.76e-006	-1.66e-006
15	2.27e-002	0.71	1.91e-002	-9.70e-004	5.12e-005	-1.26e-004
16	1.89e-002	0.71	6.45e-002	-9.73e-004	5.13e-005	-1.26e-004
17	5.70e-004	4.37e-003	-4.66e-003	-5.06e-005	-8.85e-006	-5.96e-006
18	2.46e-002	0.74	1.91e-002	-9.66e-004	5.28e-005	-1.27e-004
19	2.07e-002	0.74	6.47e-002	-9.75e-004	5.30e-005	-1.27e-004
20	2.66e-002	0.78	1.89e-002	-9.90e-004	5.54e-005	-1.28e-004
21	2.73e-002	0.71	-2.67e-002	-9.72e-004	5.22e-005	-1.23e-004
22	2.92e-002	0.74	-2.68e-002	-9.68e-004	5.63e-005	-1.26e-004
23	2.73e-002	0.71	-2.52e-002	-9.73e-004	5.29e-005	-1.18e-004
24	2.92e-002	0.75	-2.53e-002	-9.81e-004	5.56e-005	-1.24e-004
25	3.12e-002	0.78	-2.53e-002	-1.00e-003	5.64e-005	-1.37e-004
26	2.73e-002	0.71	-2.38e-002	-9.80e-004	5.25e-005	-1.15e-004
27	2.92e-002	0.75	-2.37e-002	-9.91e-004	5.59e-005	-1.23e-004
28	-9.10e-004	8.07e-003	-6.33e-003	-1.02e-004	-7.82e-006	-7.94e-006
29	2.65e-002	0.71	-1.97e-002	-8.12e-004	4.35e-005	-7.04e-005
30	2.65e-002	0.71	-2.06e-002	-8.17e-004	4.28e-005	-7.05e-005
31	2.82e-002	0.74	-1.95e-002	-7.89e-004	5.03e-005	-7.20e-005
32	2.82e-002	0.74	-2.07e-002	-7.99e-004	5.01e-005	-7.22e-005
33	3.01e-002	0.77	-1.95e-002	-8.01e-004	5.47e-005	-7.89e-005
34	2.65e-002	0.71	-1.87e-002	-8.12e-004	4.21e-005	-7.10e-005
35	2.82e-002	0.74	-1.83e-002	-7.79e-004	5.15e-005	-7.31e-005
36	2.58e-002	0.71	-2.65e-003	-8.04e-004	4.46e-005	-7.22e-005
37	2.75e-002	0.74	-2.70e-003	-7.95e-004	5.13e-005	-7.48e-005
38	9.86e-004	6.72e-003	-4.81e-003	-6.11e-005	1.61e-005	1.09e-005
39	1.21e-003	7.01e-003	-7.83e-004	-4.56e-005	1.49e-005	4.59e-006
40	2.94e-002	0.77	-2.65e-003	-7.58e-004	5.49e-005	-7.85e-005
41	2.45e-002	0.71	2.95e-002	-8.05e-004	4.77e-005	-7.38e-005
42	2.63e-002	0.74	2.81e-002	-8.15e-004	4.92e-005	-7.76e-005
43	2.45e-002	0.71	9.05e-003	-8.06e-004	3.50e-005	8.57e-005
44	-5.62e-004	7.69e-003	6.37e-003	-9.22e-005	-9.17e-006	-5.29e-006
45	-7.52e-004	7.20e-003	-8.55e-004	3.70e-005	-6.39e-006	-4.53e-006
46	-7.99e-004	7.26e-003	1.49e-003	3.43e-005	-6.95e-006	4.05e-006
47	-9.06e-004	7.86e-003	-6.07e-003	-9.66e-005	-7.94e-006	-6.70e-006
48	9.66e-004	6.93e-003	1.84e-003	-4.69e-005	7.89e-006	-4.72e-006
49	9.03e-004	6.63e-003	5.98e-003	-5.99e-005	8.23e-006	4.06e-006
50	2.31e-002	0.71	-2.13e-002	-8.08e-004	3.37e-005	8.41e-005
51	2.56e-002	0.74	9.13e-003	-8.00e-004	-3.02e-005	8.86e-005
52	2.42e-002	0.74	-2.01e-002	-8.21e-004	3.34e-005	-8.48e-005
53	2.66e-002	0.77	8.93e-003	-7.63e-004	-3.39e-005	8.86e-005
54	9.73e-004	7.52e-003	-5.86e-003	-8.30e-005	1.12e-005	1.41e-005
55	9.18e-004	8.23e-003	-6.41e-003	-1.02e-004	7.54e-006	-4.35e-006
56	9.25e-004	7.02e-003	5.20e-003	-6.58e-005	4.21e-005	9.81e-006
57	-6.05e-004	7.88e-003	5.43e-003	-9.10e-005	-4.44e-005	-2.89e-006
58	5.23e-002	1.17	1.33e-002	-2.66e-004	3.73e-004	8.10e-004
59	9.23e-002	1.17	-5.24e-003	-2.69e-004	-3.42e-004	8.11e-004
60	9.23e-002	1.29	-9.85e-003	-3.44e-004	4.53e-004	8.11e-004
61	-6.63e-003	0.31	5.53e-003	-8.74e-004	2.92e-005	-3.53e-005
62	-6.81e-003	0.31	-2.59e-002	-7.99e-004	2.75e-005	-3.46e-005
63	5.23e-002	1.20	-4.41e-003	-2.74e-004	2.13e-004	8.13e-004
64	9.23e-002	1.20	1.08e-002	-2.57e-004	-1.92e-004	8.14e-004
65	5.23e-002	1.26	-5.46e-003	-3.06e-004	-2.08e-004	8.12e-004
66	9.24e-002	1.26	1.09e-002	-3.27e-004	2.36e-004	8.13e-004
67	0.11	0.68	0.00	7.84e-005	2.15e-006	-1.79e-004
68	0.11	0.68	0.00	6.17e-005	2.15e-006	-1.21e-004
69	4.86e-002	0.68	-1.84e-002	7.84e-005	2.84e-005	-3.62e-004
70	7.47e-002	0.68	-1.26e-002	7.84e-005	1.94e-005	-3.26e-004
71	3.46e-004	2.24e-003	-1.15e-003	-3.98e-005	-5.35e-006	-3.41e-006
72	7.52e-005	8.63e-004	4.36e-004	-7.89e-006	-1.74e-005	3.08e-006
73	0.10	0.68	-6.67e-003	7.84e-005	1.03e-005	-2.32e-004
74	4.87e-002	0.68	-1.45e-002	6.17e-005	2.84e-005	-3.36e-004
75	5.72e-004	4.22e-003	-2.65e-003	-5.22e-005	9.41e-006	5.28e-006
76	-5.57e-004	4.16e-003	-3.76e-003	-4.45e-005	9.30e-006	4.23e-006
77	1.09e-003	6.86e-003	-3.05e-003	-7.74e-005	1.56e-005	9.47e-006
78	-2.75e-004	2.21e-003	3.78e-004	-2.41e-005	-4.17e-006	-5.24e-006

79	1.63e-004	6.71e-004	1.09e-003	-3.30e-005	-2.72e-005	3.26e-006
80	6.30e-004	4.32e-003	-1.03e-003	-4.38e-005	9.79e-006	4.90e-006
81	7.47e-002	0.68	-9.89e-003	6.17e-005	1.94e-005	-3.04e-004
82	-2.52e-004	2.26e-003	1.36e-003	-3.69e-005	5.60e-006	2.11e-006
83	-9.28e-005	6.65e-004	1.25e-003	-3.30e-005	3.26e-005	-4.61e-006
84	4.81e-004	4.16e-003	3.46e-003	-4.87e-005	6.08e-006	-4.65e-006
85	8.87e-004	6.76e-003	4.25e-003	-7.53e-005	8.16e-006	3.64e-006
86	3.42e-004	2.18e-003	2.41e-003	-3.42e-005	-2.73e-006	-6.28e-006
87	-5.19e-005	7.96e-004	6.25e-004	-6.72e-006	2.19e-005	-2.88e-006
88	4.14e-004	4.10e-003	4.47e-003	-4.28e-005	7.07e-006	2.39e-006
89	0.10	0.68	-5.25e-003	6.17e-005	1.03e-005	-2.18e-004
90	4.60e-004	2.13e-003	1.36e-003	-3.16e-005	-3.11e-006	1.89e-006
91	8.00e-005	8.41e-004	4.43e-004	-7.13e-006	7.72e-006	-2.69e-006
92	6.75e-004	4.37e-003	6.34e-004	-3.71e-005	7.59e-006	3.14e-006
93	1.14e-003	7.33e-003	7.52e-004	-3.92e-005	1.09e-005	-4.94e-006
94	3.67e-004	2.09e-003	5.21e-004	-3.17e-005	5.43e-006	6.28e-006
95	9.47e-005	7.14e-004	-2.54e-004	-1.17e-005	-1.13e-005	-1.59e-006
96	6.20e-004	4.28e-003	1.94e-003	-4.26e-005	5.39e-006	-3.40e-006
97	0.11	0.68	-1.37e-003	7.84e-005	2.15e-006	-1.79e-004
98	-8.00e-003	0.35	5.91e-003	-9.01e-004	3.63e-005	4.01e-005
99	-8.07e-003	0.35	-2.73e-002	-9.10e-004	3.33e-005	3.98e-005
100	3.49e-004	4.15e-003	4.28e-003	-4.39e-005	5.57e-006	4.30e-006
101	9.08e-004	6.77e-003	6.01e-003	-6.56e-005	9.15e-006	6.97e-006
102	9.66e-003	0.39	6.24e-003	-9.06e-004	4.19e-005	4.51e-005
103	9.57e-003	0.39	-2.77e-002	-9.19e-004	3.83e-005	4.49e-005
104	-3.24e-004	4.32e-003	3.93e-003	-4.49e-005	1.02e-005	6.96e-006
105	0.11	0.68	-1.08e-003	6.17e-005	2.15e-006	-1.21e-004
106	1.15e-002	0.43	6.62e-003	-9.23e-004	4.29e-005	4.99e-005
107	1.12e-002	0.43	-2.74e-002	-9.31e-004	3.95e-005	4.99e-005
108	-3.03e-004	4.51e-003	3.58e-003	-4.73e-005	2.72e-006	4.93e-006
109	6.29e-004	7.32e-003	3.82e-003	-6.28e-005	1.58e-005	1.07e-005
110	2.87e-002	0.68	-2.37e-002	7.84e-005	3.69e-005	-3.17e-004
111	1.34e-002	0.48	6.93e-003	-9.18e-004	4.31e-005	5.49e-005
112	1.29e-002	0.48	-2.61e-002	-8.38e-004	4.02e-005	5.44e-005
113	3.62e-004	4.57e-003	3.63e-003	-4.96e-005	-2.89e-006	-2.81e-006
114	-4.27e-004	7.64e-003	3.88e-003	-6.99e-005	-2.02e-005	9.29e-006
115	1.54e-002	0.52	7.37e-003	-9.19e-004	4.70e-005	6.01e-005
116	1.47e-002	0.52	-2.66e-002	-9.26e-004	4.35e-005	5.99e-005
117	3.33e-004	4.46e-003	4.02e-003	-5.10e-005	-1.00e-005	-6.72e-006
118	2.86e-002	0.68	-1.87e-002	6.17e-005	3.64e-005	-3.20e-004
119	1.75e-002	0.56	7.72e-003	-8.98e-004	4.85e-005	6.55e-005
120	1.67e-002	0.56	-2.59e-002	-9.09e-004	4.47e-005	6.54e-005
121	-3.17e-004	4.27e-003	4.36e-003	-5.05e-005	-3.64e-006	-6.35e-006
122	-5.71e-004	7.82e-003	6.33e-003	-9.73e-005	-9.89e-006	-4.75e-006
123	1.95e-002	0.60	8.09e-003	-8.91e-004	4.50e-005	7.08e-005
124	1.86e-002	0.60	-2.48e-002	-8.97e-004	4.18e-005	7.07e-005
125	-2.82e-004	4.16e-003	4.36e-003	-4.62e-005	-3.38e-006	-2.10e-006
126	2.14e-002	0.64	8.40e-003	-8.62e-004	4.03e-005	7.59e-005
127	2.03e-002	0.64	-2.27e-002	-7.85e-004	3.78e-005	7.53e-005
128	2.32e-002	0.68	8.78e-003	-8.43e-004	3.84e-005	8.12e-005
129	-3.58e-004	4.46e-003	1.63e-003	-6.13e-005	-3.65e-006	4.11e-006
130	-6.07e-004	7.52e-003	1.02e-003	-1.16e-004	-7.46e-006	-4.75e-006
131	3.01e-002	0.77	-1.81e-002	-7.94e-004	5.79e-005	-7.56e-005
132	2.80e-002	0.77	2.48e-002	-4.62e-004	4.91e-005	-8.78e-005
133	-4.90e-004	4.73e-003	4.72e-004	-1.96e-005	-4.91e-006	-2.48e-006
134	2.76e-002	0.78	3.00e-002	-9.91e-004	4.52e-005	-8.50e-005
135	3.26e-002	0.78	-6.12e-002	-9.72e-004	4.25e-005	-8.81e-005
136	0.11	0.69	-1.22e-003	6.99e-005	2.10e-006	-1.03e-004
137	2.25e-002	0.78	6.47e-002	-9.72e-004	5.41e-005	-1.27e-004
138	3.13e-002	0.78	-2.68e-002	-9.97e-004	5.48e-005	-1.32e-004
139	2.55e-002	0.77	-1.68e-002	-4.69e-004	4.15e-005	-8.54e-005
140	-5.51e-004	4.50e-003	-1.34e-003	-6.41e-005	-6.03e-006	-2.49e-006
141	-8.74e-004	7.66e-003	-7.70e-004	-1.20e-004	-7.53e-006	-3.59e-006
142	2.78e-002	0.77	2.62e-002	-8.01e-004	-3.69e-005	1.02e-004
143	3.01e-002	0.77	-2.07e-002	-8.33e-004	5.38e-005	-7.92e-005
144	5.76e-004	4.21e-003	-4.29e-003	-4.96e-005	-8.20e-006	-4.64e-006
145	0.10	0.68	-5.95e-003	6.99e-005	1.03e-005	-1.33e-004
146	3.12e-002	0.79	-2.38e-002	-1.03e-003	5.41e-005	-1.34e-004

147	2.76e-002	0.78	2.55e-002	-8.50e-004	-1.83e-005	1.28e-004
148	-5.56e-004	4.28e-003	-4.14e-003	-4.43e-005	1.19e-005	3.73e-006
149	9.80e-004	7.09e-003	-5.44e-003	-7.27e-005	1.59e-005	1.29e-005
150	2.75e-002	0.78	3.16e-002	-9.83e-004	-1.95e-005	-7.32e-005
151	2.55e-002	0.71	2.60e-002	-8.18e-004	3.62e-005	8.82e-005
152	-5.57e-004	4.41e-003	-4.50e-003	-4.55e-005	9.32e-006	4.18e-006
153	7.47e-002	0.68	-1.12e-002	6.99e-005	1.94e-005	-1.69e-004
154	2.55e-002	0.71	2.68e-002	-8.15e-004	3.78e-005	8.63e-005
155	2.67e-002	0.74	2.59e-002	-7.99e-004	-3.27e-005	9.82e-005
156	5.57e-004	4.54e-003	-4.77e-003	-4.80e-005	7.65e-006	3.02e-006
157	9.55e-004	7.95e-003	-6.16e-003	-9.26e-005	9.86e-006	1.09e-005
158	4.87e-002	0.68	-1.64e-002	6.99e-005	2.84e-005	-1.77e-004
159	2.67e-002	0.74	2.64e-002	-7.85e-004	-3.17e-005	9.21e-005
160	2.77e-002	0.77	2.59e-002	-8.12e-004	-2.90e-005	1.20e-004
161	5.58e-004	4.59e-003	-4.89e-003	-4.99e-005	-5.43e-006	-1.82e-006
162	9.35e-004	8.20e-003	-6.34e-003	-9.89e-005	8.07e-006	4.90e-006
163	2.55e-002	0.72	2.52e-002	-8.27e-004	3.68e-005	9.04e-005
164	2.67e-002	0.75	2.53e-002	-8.19e-004	-3.44e-005	1.03e-004
165	5.65e-004	4.52e-003	-4.86e-003	-5.06e-005	-5.91e-006	-4.45e-006
166	2.86e-002	0.68	-2.12e-002	6.99e-005	3.66e-005	-1.57e-004
167	2.48e-002	0.71	3.07e-002	-9.65e-004	3.84e-005	-8.45e-005
168	2.48e-002	0.71	3.17e-002	-9.56e-004	3.99e-005	-8.34e-005
169	1.58e-003	1.15e-002	-6.41e-003	-1.38e-004	1.68e-005	2.56e-005
170	2.02e-003	1.06e-002	1.41e-003	-6.00e-005	1.93e-005	-5.21e-006
171	-9.99e-004	1.47e-002	8.84e-003	-1.91e-004	-8.41e-006	-7.40e-006
172	-1.09e-003	1.43e-002	-9.31e-003	-2.16e-004	9.56e-006	-7.68e-006
173	-1.23e-003	1.46e-002	1.02e-002	-2.19e-004	-1.22e-005	-5.71e-006
174	1.34e-003	1.50e-002	-8.28e-003	-1.94e-004	1.06e-005	-6.90e-006
175	1.30e-003	1.06e-002	5.71e-004	-6.71e-005	-7.96e-006	-7.40e-006
176	1.30e-003	1.13e-002	8.07e-003	-1.37e-004	-8.66e-006	1.06e-005
177	1.52e-003	1.34e-002	-7.29e-003	-1.63e-004	1.27e-005	3.27e-005
178	1.37e-003	1.52e-002	-8.03e-003	-1.87e-004	1.04e-005	-4.66e-006
179	1.32e-003	1.22e-002	8.22e-003	-1.49e-004	-9.34e-006	1.54e-005
180	-1.01e-003	1.49e-002	8.72e-003	-1.92e-004	-8.73e-006	-5.41e-006
181	1.85e-003	1.13e-002	-2.95e-003	-1.61e-004	1.71e-005	1.43e-005
182	1.70e-003	8.81e-003	7.77e-004	1.81e-005	1.17e-005	-1.33e-005
183	1.22e-003	1.12e-002	4.61e-003	-1.59e-004	-8.44e-006	5.45e-006
184	1.35e-003	1.17e-002	8.17e-003	-1.46e-004	-9.10e-006	1.54e-005
185	-1.04e-003	1.48e-002	8.72e-003	-1.93e-004	-8.21e-006	-6.00e-006
186	-9.70e-004	1.43e-002	4.30e-004	-1.98e-004	-8.41e-006	-7.70e-006
187	-1.29e-003	1.46e-002	1.17e-003	-2.01e-004	1.17e-005	-5.30e-006
188	1.35e-003	1.52e-002	-8.17e-003	-1.91e-004	9.47e-006	-6.59e-006
189	1.42e-003	1.50e-002	-7.84e-003	-1.81e-004	1.06e-005	1.35e-005
190	1.47e-003	1.44e-002	-7.59e-003	-1.73e-004	1.18e-005	2.42e-005
191	0.00	0.00	0.00	0.00	0.00	0.00
192	0.00	0.00	0.00	0.00	0.00	0.00
193	1.56e-003	1.24e-002	-6.94e-003	-1.53e-004	1.56e-005	3.54e-005
194	3.77e-003	6.76e-002	-1.19e-002	-5.19e-004	1.50e-005	1.67e-005
195	4.12e-003	6.75e-002	1.84e-002	-5.33e-004	-1.16e-005	1.21e-005
196	-2.23e-003	6.97e-002	1.65e-002	-4.74e-004	1.29e-005	-1.84e-005
197	3.05e-003	6.98e-002	-2.74e-002	-4.78e-004	2.20e-005	-2.38e-005
198	-3.27e-003	7.00e-002	2.91e-002	-4.77e-004	-1.28e-005	-2.14e-005
199	3.72e-003	7.00e-002	-1.46e-002	-4.70e-004	1.97e-005	-1.48e-005
200	-2.37e-003	6.74e-002	-1.47e-002	-5.34e-004	-1.37e-005	1.33e-005
201	-2.38e-003	6.75e-002	1.57e-002	-5.21e-004	-1.44e-005	1.63e-005
202	3.77e-003	6.86e-002	-1.21e-002	-5.05e-004	1.56e-005	2.03e-005
203	3.72e-003	7.00e-002	-1.34e-002	-4.82e-004	1.89e-005	-1.26e-005
204	-2.47e-003	6.84e-002	1.66e-002	-5.33e-004	-4.54e-005	1.82e-005
205	-2.26e-003	6.99e-002	1.72e-002	-5.01e-004	3.98e-005	-1.44e-005
206	1.60e-003	2.07e-002	1.04e-002	-2.66e-004	-9.29e-006	1.81e-005
207	1.61e-003	2.03e-002	1.05e-002	-2.65e-004	-1.02e-005	1.27e-005
208	2.01e-003	3.50e-002	1.26e-002	-3.78e-004	-9.07e-006	1.34e-005
209	2.01e-003	3.46e-002	1.28e-002	-3.78e-004	1.12e-005	1.17e-005
210	-2.36e-003	5.36e-002	1.46e-002	-4.68e-004	-8.43e-006	1.36e-005
211	-2.31e-003	5.32e-002	1.46e-002	-4.63e-004	-9.35e-006	1.42e-005
212	-2.40e-003	6.80e-002	1.58e-002	-5.25e-004	-1.11e-005	1.85e-005
213	1.60e-003	2.12e-002	1.03e-002	-2.65e-004	-1.04e-005	1.75e-005
214	2.01e-003	3.53e-002	1.25e-002	-3.75e-004	-1.05e-005	1.44e-005

215	-2.36e-003	5.39e-002	1.47e-002	-4.69e-004	-9.33e-006	1.38e-005
216	-1.34e-003	2.52e-002	1.11e-002	-2.80e-004	-9.29e-006	-8.40e-006
217	-1.34e-003	2.53e-002	1.10e-002	-2.78e-004	-1.01e-005	-7.99e-006
218	-1.70e-003	3.93e-002	1.33e-002	-3.58e-004	-8.96e-006	-1.06e-005
219	-1.70e-003	3.92e-002	1.33e-002	-3.56e-004	1.07e-005	-1.06e-005
220	-2.04e-003	5.67e-002	1.53e-002	-4.32e-004	-9.17e-006	-1.34e-005
221	-2.05e-003	5.65e-002	1.55e-002	-4.31e-004	1.11e-005	-1.42e-005
222	-2.23e-003	7.00e-002	1.65e-002	-4.85e-004	9.86e-006	-1.51e-005
223	-1.34e-003	2.51e-002	1.12e-002	-2.81e-004	-9.63e-006	-9.18e-006
224	-1.70e-003	3.92e-002	1.33e-002	-3.58e-004	-9.66e-006	-1.14e-005
225	-2.03e-003	5.66e-002	1.53e-002	-4.29e-004	1.12e-005	-1.48e-005
226	-1.33e-003	2.51e-002	-1.66e-003	-2.73e-004	9.72e-006	-1.06e-005
227	-1.71e-003	3.92e-002	-3.14e-003	-3.52e-004	1.15e-005	-1.50e-005
228	-2.11e-003	5.66e-002	-4.52e-003	-4.22e-004	1.58e-005	-2.00e-005
229	2.42e-003	6.98e-002	-5.38e-003	-4.66e-004	1.78e-005	-2.31e-005
230	1.49e-003	2.51e-002	-1.47e-002	-2.85e-004	1.18e-005	-1.13e-005
231	1.97e-003	3.93e-002	-1.97e-002	-3.64e-004	1.52e-005	-1.58e-005
232	2.57e-003	5.67e-002	-2.45e-002	-4.33e-004	2.00e-005	-2.08e-005
233	-1.80e-003	2.55e-002	2.79e-003	-2.74e-004	1.49e-005	-8.19e-006
234	-1.75e-003	2.54e-002	1.58e-002	-2.86e-004	-1.45e-005	-8.91e-006
235	2.41e-003	3.96e-002	4.54e-003	-3.52e-004	1.53e-005	-1.20e-005
236	-2.33e-003	3.96e-002	2.11e-002	-3.63e-004	-1.44e-005	-1.30e-005
237	3.04e-003	5.70e-002	6.19e-003	-4.20e-004	1.45e-005	-1.64e-005
238	-2.91e-003	5.69e-002	2.60e-002	-4.31e-004	-1.32e-005	-1.78e-005
239	3.45e-003	7.00e-002	7.23e-003	-4.64e-004	1.39e-005	-2.00e-005
240	1.86e-003	2.55e-002	-1.03e-002	-2.83e-004	1.61e-005	-6.80e-006
241	2.50e-003	3.96e-002	-1.21e-002	-3.58e-004	1.77e-005	-8.72e-006
242	3.21e-003	5.70e-002	-1.36e-002	-4.27e-004	1.84e-005	-1.19e-005
243	1.87e-003	2.55e-002	-9.86e-003	-2.78e-004	1.48e-005	-6.03e-006
244	2.51e-003	3.95e-002	-1.15e-002	-3.59e-004	1.83e-005	-1.02e-005
245	3.22e-003	5.69e-002	-1.30e-002	-4.32e-004	2.06e-005	-1.15e-005
246	3.72e-003	7.01e-002	-1.40e-002	-4.77e-004	2.19e-005	-1.25e-005
247	1.90e-003	2.53e-002	-9.53e-003	-2.74e-004	1.35e-005	1.09e-005
248	2.53e-003	3.92e-002	-1.10e-002	-3.58e-004	1.58e-005	1.51e-005
249	3.23e-003	5.67e-002	-1.25e-002	-4.35e-004	1.77e-005	-1.42e-005
250	1.95e-003	2.49e-002	-9.22e-003	-2.69e-004	1.31e-005	2.08e-005
251	2.56e-003	3.87e-002	-1.06e-002	-3.58e-004	1.51e-005	2.27e-005
252	3.25e-003	5.62e-002	-1.20e-002	-4.40e-004	1.69e-005	1.90e-005
253	3.74e-003	6.97e-002	-1.28e-002	-4.89e-004	1.81e-005	1.51e-005
254	2.01e-003	2.40e-002	-8.92e-003	-2.67e-004	1.28e-005	3.16e-005
255	2.61e-003	3.78e-002	-1.03e-002	-3.60e-004	1.38e-005	3.03e-005
256	3.27e-003	5.56e-002	-1.16e-002	-4.46e-004	1.53e-005	2.37e-005
257	3.75e-003	6.92e-002	-1.24e-002	-4.97e-004	1.62e-005	1.83e-005
258	2.08e-003	2.28e-002	-8.64e-003	-2.66e-004	1.26e-005	4.03e-005
259	2.65e-003	3.67e-002	-1.00e-002	-3.65e-004	1.32e-005	3.48e-005
260	3.30e-003	5.47e-002	-1.13e-002	-4.52e-004	1.46e-005	2.62e-005
261	2.12e-003	2.16e-002	-8.42e-003	-2.67e-004	1.19e-005	4.27e-005
262	2.68e-003	3.57e-002	-9.87e-003	-3.72e-004	1.13e-005	3.33e-005
263	3.31e-003	5.40e-002	-1.12e-002	-4.59e-004	1.25e-005	2.49e-005
264	3.77e-003	6.81e-002	-1.20e-002	-5.13e-004	1.34e-005	2.01e-005
265	2.14e-003	2.05e-002	-8.30e-003	-2.67e-004	1.13e-005	3.14e-005
266	2.69e-003	3.48e-002	-9.89e-003	-3.76e-004	-1.13e-005	2.63e-005
267	3.31e-003	5.33e-002	-1.12e-002	-4.60e-004	1.38e-005	2.07e-005
268	2.50e-003	2.02e-002	-2.72e-003	-2.76e-004	1.27e-005	1.93e-005
269	3.01e-003	3.49e-002	-2.11e-003	-3.69e-004	1.17e-005	2.09e-005
270	3.54e-003	5.33e-002	-1.70e-003	-4.62e-004	1.32e-005	1.70e-005
271	3.91e-003	6.75e-002	-1.57e-003	-5.12e-004	1.36e-005	1.41e-005
272	2.88e-003	2.04e-002	7.59e-003	-2.82e-004	1.68e-005	1.28e-005
273	3.46e-003	3.49e-002	1.21e-002	-3.88e-004	1.18e-005	1.66e-005
274	3.86e-003	5.32e-002	1.55e-002	-4.21e-004	-1.14e-005	1.40e-005
275	-1.52e-003	2.01e-002	4.84e-003	-2.74e-004	-9.83e-006	7.02e-006
276	-1.52e-003	2.02e-002	-5.21e-003	-2.80e-004	-1.05e-005	5.57e-006
277	-1.93e-003	3.47e-002	4.66e-003	-3.71e-004	-9.80e-006	1.09e-005
278	-1.87e-003	3.47e-002	-9.19e-003	-3.89e-004	-9.98e-006	9.60e-006
279	-2.22e-003	5.32e-002	4.51e-003	-4.64e-004	-1.12e-005	1.39e-005
280	-2.19e-003	5.31e-002	-1.21e-002	-4.23e-004	-1.20e-005	1.20e-005
281	-2.33e-003	6.75e-002	4.46e-003	-5.14e-004	-1.45e-005	1.46e-005
282	6.60e-003	0.16	-1.50e-002	-7.10e-004	2.23e-005	-2.68e-005

283	5.56e-003	0.16	2.66e-002	-6.58e-004	-1.39e-005	-2.75e-005
284	-3.11e-003	0.15	2.15e-002	-6.58e-004	-1.57e-005	-5.04e-005
285	5.38e-003	0.15	-3.97e-002	-6.61e-004	1.72e-005	-4.78e-005
286	-4.91e-003	0.15	4.22e-002	-6.59e-004	-1.46e-005	-4.72e-005
287	6.61e-003	0.15	-1.88e-002	-6.54e-004	2.45e-005	-4.44e-005
288	-3.41e-003	0.16	-2.12e-002	-6.56e-004	1.71e-005	-1.80e-005
289	-3.09e-003	0.16	2.03e-002	-7.09e-004	1.46e-005	-1.84e-005
290	6.60e-003	0.16	-1.56e-002	-7.03e-004	2.14e-005	-2.81e-005
291	6.61e-003	0.15	-1.73e-002	-6.74e-004	2.40e-005	-3.88e-005
292	-3.06e-003	0.16	1.92e-002	-6.98e-004	2.46e-005	-2.31e-005
293	-3.10e-003	0.15	2.02e-002	-6.62e-004	-3.51e-005	-4.52e-005
294	-2.57e-003	0.10	1.77e-002	-6.10e-004	-6.08e-006	1.95e-005
295	-2.57e-003	0.10	1.77e-002	-6.14e-004	-8.50e-006	1.65e-005
296	-2.80e-003	0.13	1.88e-002	-6.62e-004	7.60e-006	1.45e-005
297	-2.80e-003	0.13	1.91e-002	-6.67e-004	7.60e-006	1.52e-005
298	-3.08e-003	0.16	1.99e-002	-7.10e-004	1.54e-005	-1.92e-005
299	-2.57e-003	0.10	1.79e-002	-6.04e-004	-1.18e-005	1.75e-005
300	-2.80e-003	0.13	1.86e-002	-6.53e-004	-5.91e-006	-1.30e-005
301	-2.61e-003	0.10	1.86e-002	-5.64e-004	-8.46e-006	-3.21e-005
302	-2.61e-003	0.10	1.85e-002	-5.73e-004	-5.53e-006	-2.69e-005
303	-2.81e-003	0.13	1.98e-002	-6.17e-004	-1.27e-005	-4.31e-005
304	-2.81e-003	0.13	1.94e-002	-6.23e-004	-1.52e-005	-3.87e-005
305	-3.11e-003	0.15	2.11e-002	-6.62e-004	-1.41e-005	-4.98e-005
306	-2.60e-003	0.10	1.87e-002	-5.55e-004	-5.88e-006	-3.11e-005
307	-2.81e-003	0.12	2.03e-002	-6.10e-004	-1.43e-005	-4.13e-005
308	-2.44e-003	6.89e-002	1.80e-002	-5.44e-004	-1.85e-005	1.82e-005
309	-2.57e-003	0.10	1.82e-002	-5.96e-004	-6.43e-006	-1.19e-005
310	-2.80e-003	0.13	1.85e-002	-6.41e-004	-6.06e-006	-1.58e-005
311	-3.00e-003	0.16	1.86e-002	-6.71e-004	5.00e-006	-3.24e-005
312	-2.32e-003	6.95e-002	1.83e-002	-5.34e-004	5.68e-006	1.86e-005
313	-2.59e-003	0.10	1.85e-002	-5.86e-004	-8.25e-006	-1.64e-005
314	-2.81e-003	0.13	1.88e-002	-6.31e-004	-1.12e-005	-2.76e-005
315	-3.04e-003	0.16	1.90e-002	-6.59e-004	-2.58e-005	-3.74e-005
316	3.08e-003	0.10	-6.97e-003	-5.48e-004	1.18e-005	-2.98e-005
317	3.44e-003	0.12	-8.05e-003	-6.02e-004	-8.70e-006	-3.84e-005
318	3.76e-003	0.15	-9.08e-003	-6.50e-004	-1.07e-005	-4.87e-005
319	4.07e-003	0.10	-3.28e-002	-5.60e-004	1.88e-005	-3.11e-005
320	4.74e-003	0.12	-3.64e-002	-6.13e-004	1.60e-005	-3.88e-005
321	4.23e-003	0.10	9.16e-003	-5.44e-004	-1.38e-005	-2.86e-005
322	-3.94e-003	0.10	3.48e-002	-5.56e-004	-1.32e-005	-3.02e-005
323	4.82e-003	0.12	1.05e-002	-5.98e-004	-1.42e-005	-3.70e-005
324	-4.42e-003	0.12	3.86e-002	-6.10e-004	-1.40e-005	-3.82e-005
325	-5.43e-003	0.15	1.17e-002	-6.47e-004	-1.48e-005	-4.65e-005
326	4.79e-003	0.10	-1.64e-002	-5.51e-004	2.17e-005	-2.42e-005
327	5.67e-003	0.12	-1.77e-002	-6.04e-004	2.29e-005	-3.37e-005
328	4.80e-003	0.10	-1.57e-002	-5.60e-004	2.40e-005	-2.02e-005
329	5.67e-003	0.13	-1.69e-002	-6.15e-004	2.57e-005	-3.04e-005
330	6.61e-003	0.15	-1.80e-002	-6.65e-004	2.71e-005	-4.22e-005
331	4.80e-003	0.10	-1.51e-002	-5.67e-004	2.09e-005	-1.65e-005
332	5.67e-003	0.13	-1.62e-002	-6.23e-004	2.26e-005	-2.66e-005
333	4.80e-003	0.10	-1.45e-002	-5.77e-004	2.03e-005	-1.31e-005
334	5.67e-003	0.13	-1.56e-002	-6.33e-004	2.19e-005	-2.24e-005
335	6.61e-003	0.15	-1.66e-002	-6.84e-004	2.35e-005	-3.46e-005
336	4.80e-003	0.10	-1.40e-002	-5.87e-004	1.84e-005	-1.11e-005
337	5.67e-003	0.13	-1.50e-002	-6.44e-004	2.01e-005	-1.92e-005
338	6.60e-003	0.16	-1.60e-002	-6.94e-004	2.18e-005	-3.08e-005
339	4.80e-003	0.10	-1.36e-002	-5.97e-004	1.79e-005	-1.08e-005
340	5.66e-003	0.13	-1.46e-002	-6.53e-004	1.96e-005	-1.78e-005
341	4.80e-003	0.10	-1.34e-002	-6.07e-004	1.55e-005	1.10e-005
342	5.65e-003	0.13	-1.44e-002	-6.62e-004	1.75e-005	-1.79e-005
343	6.60e-003	0.16	-1.52e-002	-7.10e-004	1.95e-005	-2.68e-005
344	4.80e-003	0.10	-1.34e-002	-6.16e-004	1.69e-005	-1.11e-005
345	5.65e-003	0.13	-1.42e-002	-6.68e-004	1.95e-005	-1.79e-005
346	4.74e-003	0.10	-1.58e-003	-6.02e-004	1.48e-005	-1.13e-005
347	5.42e-003	0.13	-1.74e-003	-6.69e-004	1.70e-005	-1.76e-005
348	6.19e-003	0.16	1.96e-003	-7.18e-004	1.92e-005	-2.71e-005
349	4.63e-003	0.10	2.26e-002	-6.20e-004	-1.23e-005	-1.15e-005
350	5.05e-003	0.13	2.51e-002	-6.83e-004	-1.28e-005	-1.79e-005

351	-2.61e-003	0.10	4.47e-003	-6.02e-004	-8.35e-006	1.42e-005
352	-2.77e-003	0.10	-1.82e-002	-6.18e-004	-8.23e-006	1.37e-005
353	-2.86e-003	0.13	4.56e-003	-6.69e-004	8.43e-006	1.54e-005
354	-3.05e-003	0.13	-2.01e-002	-6.81e-004	1.14e-005	1.55e-005
355	-3.17e-003	0.16	4.64e-003	-7.19e-004	1.48e-005	-1.82e-005
356	2.51e-002	0.68	-1.90e-002	-8.36e-004	3.67e-005	-6.94e-005
357	2.28e-002	0.68	3.06e-002	-8.51e-004	4.86e-005	-7.24e-005
358	2.34e-002	0.67	2.98e-002	-9.66e-004	4.05e-005	-8.85e-005
359	2.88e-002	0.67	-6.09e-002	-9.68e-004	3.66e-005	-8.86e-005
360	1.73e-002	0.67	6.43e-002	-9.67e-004	4.93e-005	-1.26e-004
361	2.55e-002	0.67	-2.65e-002	-9.65e-004	4.72e-005	-1.24e-004
362	2.19e-002	0.68	-2.23e-002	-8.48e-004	3.57e-005	8.06e-005
363	2.41e-002	0.68	2.70e-002	-8.33e-004	4.09e-005	8.22e-005
364	2.51e-002	0.68	-2.06e-002	-8.66e-004	3.52e-005	-7.09e-005
365	2.54e-002	0.68	-2.38e-002	-9.59e-004	4.62e-005	-1.05e-004
366	2.41e-002	0.68	2.51e-002	-8.43e-004	4.15e-005	8.35e-005
367	2.34e-002	0.68	3.17e-002	-9.54e-004	4.24e-005	-8.83e-005
368	-3.62e-003	0.19	2.10e-002	-7.75e-004	2.12e-005	-2.40e-005
369	-3.62e-003	0.19	2.16e-002	-7.72e-004	2.08e-005	-2.28e-005
370	-4.41e-003	0.23	2.21e-002	-8.23e-004	2.66e-005	-2.76e-005
371	-4.41e-003	0.23	2.28e-002	-8.21e-004	2.55e-005	-2.71e-005
372	-5.43e-003	0.27	2.29e-002	-8.51e-004	2.98e-005	-3.18e-005
373	-5.43e-003	0.27	2.37e-002	-8.47e-004	2.81e-005	-3.14e-005
374	-6.63e-003	0.31	2.37e-002	-8.72e-004	3.40e-005	-3.58e-005
375	-6.64e-003	0.31	2.45e-002	-8.61e-004	3.11e-005	-3.57e-005
376	-8.09e-003	0.35	2.44e-002	-9.01e-004	4.07e-005	4.08e-005
377	-8.10e-003	0.35	2.54e-002	-8.96e-004	3.92e-005	4.06e-005
378	9.85e-003	0.39	2.49e-002	-9.20e-004	4.46e-005	4.53e-005
379	9.85e-003	0.39	2.62e-002	-9.18e-004	4.51e-005	4.53e-005
380	1.18e-002	0.43	2.54e-002	-9.21e-004	4.69e-005	4.95e-005
381	1.18e-002	0.43	2.66e-002	-9.16e-004	4.58e-005	4.97e-005
382	1.38e-002	0.48	2.57e-002	-9.14e-004	4.79e-005	5.47e-005
383	1.38e-002	0.48	2.69e-002	-9.03e-004	4.54e-005	5.50e-005
384	1.59e-002	0.52	2.59e-002	-9.18e-004	5.10e-005	6.08e-005
385	1.59e-002	0.52	2.73e-002	-9.12e-004	5.00e-005	6.07e-005
386	1.81e-002	0.56	2.61e-002	-9.12e-004	5.06e-005	6.56e-005
387	1.81e-002	0.56	2.75e-002	-9.09e-004	5.18e-005	6.56e-005
388	2.03e-002	0.60	2.61e-002	-8.88e-004	4.80e-005	7.00e-005
389	2.03e-002	0.60	2.74e-002	-8.84e-004	4.77e-005	7.04e-005
390	2.23e-002	0.64	2.61e-002	-8.57e-004	4.38e-005	7.63e-005
391	2.23e-002	0.64	2.72e-002	-8.47e-004	4.22e-005	7.62e-005
392	2.41e-002	0.68	2.61e-002	-8.38e-004	4.13e-005	8.31e-005
393	-3.62e-003	0.19	2.05e-002	-7.77e-004	1.72e-005	-2.48e-005
394	-4.41e-003	0.23	2.14e-002	-8.24e-004	2.25e-005	-2.79e-005
395	-5.43e-003	0.27	2.22e-002	-8.53e-004	2.59e-005	-3.18e-005
396	-6.61e-003	0.31	2.29e-002	-8.77e-004	2.68e-005	-3.56e-005
397	-8.10e-003	0.35	2.33e-002	-9.04e-004	3.76e-005	4.06e-005
398	9.85e-003	0.39	2.37e-002	-9.21e-004	4.23e-005	4.53e-005
399	1.18e-002	0.43	2.40e-002	-9.22e-004	4.43e-005	4.94e-005
400	1.37e-002	0.48	2.44e-002	-9.19e-004	4.00e-005	-5.34e-005
401	1.59e-002	0.52	2.45e-002	-9.21e-004	4.92e-005	6.03e-005
402	1.81e-002	0.56	2.46e-002	-9.13e-004	4.96e-005	6.55e-005
403	2.03e-002	0.60	2.48e-002	-8.90e-004	4.70e-005	7.01e-005
404	2.22e-002	0.65	2.50e-002	-8.63e-004	3.76e-005	7.52e-005
405	-3.58e-003	0.18	2.25e-002	-7.10e-004	-1.32e-005	-5.62e-005
406	-3.58e-003	0.19	2.26e-002	-7.16e-004	1.65e-005	-5.53e-005
407	-4.14e-003	0.22	2.39e-002	-7.52e-004	-1.91e-005	-6.46e-005
408	-4.14e-003	0.22	2.44e-002	-7.58e-004	2.66e-005	-6.43e-005
409	-5.00e-003	0.25	2.51e-002	-7.90e-004	2.81e-005	-7.24e-005
410	-4.99e-003	0.26	2.59e-002	-7.95e-004	3.54e-005	-7.28e-005
411	-6.20e-003	0.29	2.62e-002	-8.23e-004	3.29e-005	-7.90e-005
412	-6.21e-003	0.29	2.71e-002	-8.27e-004	3.54e-005	-8.14e-005
413	-7.69e-003	0.33	2.71e-002	-8.53e-004	3.69e-005	-8.41e-005
414	-7.69e-003	0.33	2.82e-002	-8.55e-004	4.29e-005	-8.47e-005
415	-9.43e-003	0.37	2.79e-002	-8.79e-004	4.00e-005	-8.83e-005
416	-9.43e-003	0.37	2.91e-002	-8.81e-004	4.57e-005	-8.88e-005
417	1.14e-002	0.41	2.86e-002	-9.00e-004	4.32e-005	-9.24e-005
418	1.14e-002	0.42	2.99e-002	-9.03e-004	4.82e-005	-9.33e-005

419	1.34e-002	0.45	2.92e-002	-9.18e-004	4.37e-005	-9.53e-005
420	1.34e-002	0.46	3.04e-002	-9.18e-004	4.27e-005	-9.90e-005
421	1.54e-002	0.50	2.96e-002	-9.32e-004	4.45e-005	-9.59e-005
422	1.54e-002	0.50	3.09e-002	-9.30e-004	4.87e-005	-9.67e-005
423	1.75e-002	0.54	3.00e-002	-9.43e-004	4.41e-005	-9.52e-005
424	1.75e-002	0.54	3.13e-002	-9.41e-004	4.83e-005	-9.56e-005
425	1.96e-002	0.59	3.03e-002	-9.52e-004	4.46e-005	-9.43e-005
426	1.95e-002	0.59	3.15e-002	-9.49e-004	4.79e-005	-9.48e-005
427	2.15e-002	0.63	3.05e-002	-9.58e-004	4.21e-005	-9.23e-005
428	2.16e-002	0.63	3.16e-002	-9.53e-004	3.89e-005	-9.43e-005
429	2.34e-002	0.67	3.06e-002	-9.62e-004	4.04e-005	-8.86e-005
430	-3.58e-003	0.18	2.26e-002	-7.03e-004	-1.30e-005	-5.82e-005
431	-4.14e-003	0.22	2.36e-002	-7.44e-004	2.32e-005	-6.49e-005
432	-4.99e-003	0.25	2.46e-002	-7.83e-004	3.10e-005	-7.12e-005
433	-6.19e-003	0.29	2.55e-002	-8.18e-004	3.54e-005	-7.71e-005
434	-7.69e-003	0.33	2.63e-002	-8.48e-004	3.95e-005	-8.24e-005
435	-9.44e-003	0.37	2.70e-002	-8.75e-004	4.29e-005	-8.67e-005
436	1.13e-002	0.41	2.76e-002	-8.97e-004	4.47e-005	-9.02e-005
437	1.33e-002	0.45	2.82e-002	-9.16e-004	4.48e-005	-9.26e-005
438	1.54e-002	0.50	2.86e-002	-9.31e-004	4.59e-005	-9.39e-005
439	1.75e-002	0.54	2.90e-002	-9.43e-004	4.64e-005	-9.37e-005
440	1.95e-002	0.58	2.93e-002	-9.53e-004	4.52e-005	-9.27e-005
441	2.15e-002	0.63	2.96e-002	-9.61e-004	4.22e-005	-9.09e-005
442	4.31e-003	0.18	-1.01e-002	-6.98e-004	1.78e-005	-5.81e-005
443	5.24e-003	0.22	-1.11e-002	-7.40e-004	2.88e-005	-6.43e-005
444	6.56e-003	0.25	-1.19e-002	-7.78e-004	3.69e-005	-6.95e-005
445	8.20e-003	0.29	-1.26e-002	-8.13e-004	4.16e-005	-7.47e-005
446	1.01e-002	0.33	-1.33e-002	-8.43e-004	4.47e-005	-7.97e-005
447	1.21e-002	0.37	-1.38e-002	-8.70e-004	4.69e-005	-8.38e-005
448	1.42e-002	0.41	-1.43e-002	-8.93e-004	4.76e-005	-8.69e-005
449	1.63e-002	0.45	-1.47e-002	-9.12e-004	4.71e-005	-8.92e-005
450	1.84e-002	0.50	-1.49e-002	-9.27e-004	4.63e-005	-9.07e-005
451	2.04e-002	0.54	-1.52e-002	-9.40e-004	4.51e-005	-9.10e-005
452	2.24e-002	0.58	-1.53e-002	-9.50e-004	4.29e-005	-9.02e-005
453	2.42e-002	0.63	-1.55e-002	-9.58e-004	3.99e-005	-8.92e-005
454	2.59e-002	0.67	-1.55e-002	-9.63e-004	3.77e-005	-8.84e-005
455	6.25e-003	0.18	-4.30e-002	-7.08e-004	2.42e-005	-5.67e-005
456	7.47e-003	0.22	-4.59e-002	-7.50e-004	3.37e-005	-6.35e-005
457	9.08e-003	0.25	-4.86e-002	-7.88e-004	4.14e-005	-6.90e-005
458	1.10e-002	0.29	-5.09e-002	-8.22e-004	4.60e-005	-7.41e-005
459	1.30e-002	0.33	-5.30e-002	-8.53e-004	4.86e-005	-7.88e-005
460	1.52e-002	0.37	-5.48e-002	-8.79e-004	4.98e-005	-8.28e-005
461	1.74e-002	0.41	-5.63e-002	-9.01e-004	4.95e-005	-8.59e-005
462	1.96e-002	0.45	-5.76e-002	-9.19e-004	4.81e-005	-8.82e-005
463	2.17e-002	0.50	-5.86e-002	-9.34e-004	4.62e-005	-8.96e-005
464	2.37e-002	0.54	-5.94e-002	-9.46e-004	4.40e-005	-9.00e-005
465	2.55e-002	0.58	-6.00e-002	-9.55e-004	4.12e-005	-8.96e-005
466	2.72e-002	0.63	-6.05e-002	-9.63e-004	3.83e-005	-8.90e-005
467	-6.12e-003	0.18	1.29e-002	-6.96e-004	-1.56e-005	-5.77e-005
468	-5.47e-003	0.18	4.57e-002	-7.08e-004	-1.50e-005	-5.79e-005
469	-6.85e-003	0.22	1.39e-002	-7.41e-004	1.67e-005	-6.92e-005
470	-6.04e-003	0.22	4.88e-002	-7.52e-004	-1.51e-005	-6.89e-005
471	-7.64e-003	0.25	1.49e-002	-7.80e-004	1.81e-005	-8.06e-005
472	-6.64e-003	0.25	5.16e-002	-7.91e-004	-1.54e-005	-7.98e-005
473	8.49e-003	0.29	1.57e-002	-8.14e-004	1.98e-005	-9.14e-005
474	-7.25e-003	0.29	5.40e-002	-8.25e-004	-1.62e-005	-9.02e-005
475	9.41e-003	0.33	1.65e-002	-8.44e-004	2.18e-005	-1.01e-004
476	-7.89e-003	0.33	5.62e-002	-8.54e-004	-1.78e-005	-9.96e-005
477	1.04e-002	0.37	1.71e-002	-8.71e-004	2.41e-005	-1.09e-004
478	-8.57e-003	0.37	5.80e-002	-8.80e-004	2.05e-005	-1.08e-004
479	1.15e-002	0.41	1.76e-002	-8.93e-004	2.67e-005	-1.16e-004
480	-9.33e-003	0.41	5.96e-002	-9.02e-004	2.40e-005	-1.14e-004
481	1.27e-002	0.45	1.81e-002	-9.11e-004	2.96e-005	-1.21e-004
482	-1.02e-002	0.45	6.09e-002	-9.19e-004	2.81e-005	-1.19e-004
483	1.41e-002	0.50	1.84e-002	-9.26e-004	3.26e-005	-1.24e-004
484	-1.12e-002	0.50	6.19e-002	-9.34e-004	3.26e-005	-1.23e-004
485	1.56e-002	0.54	1.87e-002	-9.39e-004	3.59e-005	-1.26e-004
486	-1.24e-002	0.54	6.28e-002	-9.45e-004	3.71e-005	-1.24e-004

487	1.72e-002	0.58	1.89e-002	-9.49e-004	3.94e-005	-1.26e-004
488	-1.38e-002	0.58	6.34e-002	-9.54e-004	4.15e-005	-1.25e-004
489	1.90e-002	0.63	1.90e-002	-9.58e-004	4.36e-005	-1.25e-004
490	1.54e-002	0.63	6.39e-002	-9.62e-004	4.57e-005	-1.25e-004
491	2.10e-002	0.67	1.90e-002	-9.63e-004	4.84e-005	-1.25e-004
492	7.71e-003	0.18	-1.99e-002	-7.03e-004	2.61e-005	-5.72e-005
493	8.87e-003	0.22	-2.09e-002	-7.46e-004	2.74e-005	-7.03e-005
494	1.01e-002	0.25	-2.18e-002	-7.85e-004	2.87e-005	-8.31e-005
495	1.14e-002	0.29	-2.26e-002	-8.20e-004	2.99e-005	-9.50e-005
496	1.27e-002	0.33	-2.33e-002	-8.50e-004	3.10e-005	-1.06e-004
497	1.41e-002	0.37	-2.39e-002	-8.76e-004	3.20e-005	-1.15e-004
498	1.56e-002	0.41	-2.44e-002	-8.97e-004	3.30e-005	-1.22e-004
499	1.70e-002	0.45	-2.49e-002	-9.15e-004	3.39e-005	-1.28e-004
500	1.86e-002	0.50	-2.53e-002	-9.30e-004	3.48e-005	-1.30e-004
501	2.02e-002	0.54	-2.56e-002	-9.42e-004	3.59e-005	-1.31e-004
502	2.18e-002	0.58	-2.59e-002	-9.51e-004	3.76e-005	-1.29e-004
503	2.36e-002	0.63	-2.62e-002	-9.59e-004	4.09e-005	-1.26e-004
504	7.70e-003	0.18	-1.91e-002	-7.14e-004	2.86e-005	-5.60e-005
505	8.87e-003	0.22	-2.00e-002	-7.58e-004	2.99e-005	-7.02e-005
506	1.01e-002	0.25	-2.09e-002	-7.96e-004	3.11e-005	-8.40e-005
507	1.14e-002	0.29	-2.17e-002	-8.29e-004	3.22e-005	-9.67e-005
508	1.27e-002	0.33	-2.24e-002	-8.58e-004	3.32e-005	-1.08e-004
509	1.41e-002	0.37	-2.30e-002	-8.83e-004	3.41e-005	-1.18e-004
510	1.56e-002	0.41	-2.35e-002	-9.03e-004	3.49e-005	-1.26e-004
511	1.70e-002	0.46	-2.39e-002	-9.19e-004	3.58e-005	-1.31e-004
512	1.86e-002	0.50	-2.42e-002	-9.32e-004	3.67e-005	-1.33e-004
513	2.02e-002	0.54	-2.45e-002	-9.42e-004	3.78e-005	-1.33e-004
514	2.18e-002	0.59	-2.48e-002	-9.49e-004	3.96e-005	-1.29e-004
515	2.35e-002	0.63	-2.50e-002	-9.55e-004	4.21e-005	-1.23e-004
516	2.55e-002	0.68	-2.51e-002	-9.63e-004	4.83e-005	-1.18e-004
517	7.70e-003	0.19	-1.83e-002	-7.23e-004	2.56e-005	-5.32e-005
518	8.86e-003	0.22	-1.92e-002	-7.67e-004	2.70e-005	-6.81e-005
519	1.01e-002	0.26	-2.01e-002	-8.05e-004	2.83e-005	-8.25e-005
520	1.14e-002	0.30	-2.08e-002	-8.37e-004	2.95e-005	-9.55e-005
521	1.27e-002	0.33	-2.15e-002	-8.65e-004	3.06e-005	-1.07e-004
522	1.41e-002	0.38	-2.20e-002	-8.88e-004	3.17e-005	-1.17e-004
523	1.56e-002	0.42	-2.25e-002	-9.06e-004	3.27e-005	-1.25e-004
524	1.70e-002	0.46	-2.29e-002	-9.20e-004	3.37e-005	-1.29e-004
525	1.86e-002	0.50	-2.32e-002	-9.31e-004	3.48e-005	-1.31e-004
526	2.02e-002	0.55	-2.35e-002	-9.38e-004	3.59e-005	-1.29e-004
527	2.18e-002	0.59	-2.37e-002	-9.43e-004	3.77e-005	-1.24e-004
528	2.35e-002	0.63	-2.38e-002	-9.47e-004	3.93e-005	-1.15e-004
529	7.70e-003	0.19	-1.76e-002	-7.34e-004	2.50e-005	-4.91e-005
530	8.86e-003	0.22	-1.85e-002	-7.78e-004	2.64e-005	-6.45e-005
531	1.01e-002	0.26	-1.93e-002	-8.14e-004	2.78e-005	-7.91e-005
532	1.14e-002	0.30	-2.00e-002	-8.45e-004	2.91e-005	-9.18e-005
533	1.27e-002	0.34	-2.06e-002	-8.72e-004	3.02e-005	-1.03e-004
534	1.41e-002	0.38	-2.11e-002	-8.94e-004	3.12e-005	-1.13e-004
535	1.55e-002	0.42	-2.16e-002	-9.10e-004	3.23e-005	-1.20e-004
536	1.70e-002	0.46	-2.19e-002	-9.21e-004	3.33e-005	-1.24e-004
537	1.86e-002	0.51	-2.22e-002	-9.29e-004	3.44e-005	-1.24e-004
538	2.01e-002	0.55	-2.24e-002	-9.34e-004	3.55e-005	-1.21e-004
539	2.18e-002	0.59	-2.26e-002	-9.34e-004	3.68e-005	-1.14e-004
540	2.35e-002	0.64	-2.26e-002	-9.32e-004	3.81e-005	-1.02e-004
541	2.52e-002	0.68	-2.26e-002	-9.32e-004	3.70e-005	-8.59e-005
542	7.70e-003	0.19	-1.70e-002	-7.45e-004	2.33e-005	-4.47e-005
543	8.85e-003	0.22	-1.78e-002	-7.89e-004	2.47e-005	-6.02e-005
544	1.01e-002	0.26	-1.86e-002	-8.24e-004	2.62e-005	-7.50e-005
545	1.14e-002	0.30	-1.92e-002	-8.53e-004	2.75e-005	-8.66e-005
546	1.27e-002	0.34	-1.98e-002	-8.80e-004	2.86e-005	-9.66e-005
547	1.41e-002	0.38	-2.03e-002	-9.00e-004	2.97e-005	-1.06e-004
548	1.55e-002	0.42	-2.07e-002	-9.13e-004	3.08e-005	-1.14e-004
549	1.70e-002	0.47	-2.11e-002	-9.20e-004	3.20e-005	-1.16e-004
550	1.86e-002	0.51	-2.13e-002	-9.26e-004	3.30e-005	-1.14e-004
551	2.01e-002	0.55	-2.15e-002	-9.28e-004	3.40e-005	-1.11e-004
552	2.18e-002	0.60	-2.16e-002	-9.23e-004	3.50e-005	-1.03e-004
553	2.35e-002	0.64	-2.16e-002	-9.14e-004	3.64e-005	-9.05e-005
554	2.51e-002	0.68	-2.16e-002	-9.05e-004	3.53e-005	-7.63e-005

555	7.70e-003	0.19	-1.65e-002	-7.56e-004	2.28e-005	-4.05e-005
556	8.85e-003	0.23	-1.73e-002	-8.00e-004	2.41e-005	-5.62e-005
557	1.01e-002	0.26	-1.80e-002	-8.33e-004	2.57e-005	-7.11e-005
558	1.14e-002	0.30	-1.86e-002	-8.59e-004	2.73e-005	-8.10e-005
559	1.27e-002	0.34	-1.91e-002	-8.86e-004	2.82e-005	-8.92e-005
560	1.41e-002	0.39	-1.96e-002	-9.06e-004	2.91e-005	-9.92e-005
561	1.55e-002	0.43	-2.00e-002	-9.15e-004	3.04e-005	-1.07e-004
562	1.70e-002	0.47	-2.03e-002	-9.18e-004	3.18e-005	-1.07e-004
563	1.86e-002	0.51	-2.05e-002	-9.23e-004	3.26e-005	-1.04e-004
564	2.01e-002	0.56	-2.06e-002	-9.22e-004	3.34e-005	-1.00e-004
565	2.17e-002	0.60	-2.07e-002	-9.11e-004	3.45e-005	-9.33e-005
566	2.34e-002	0.64	-2.07e-002	-8.93e-004	3.58e-005	-8.11e-005
567	7.70e-003	0.19	-1.61e-002	-7.65e-004	2.06e-005	-3.77e-005
568	8.85e-003	0.23	-1.69e-002	-8.11e-004	2.16e-005	-5.32e-005
569	1.01e-002	0.27	-1.76e-002	-8.41e-004	2.36e-005	-6.81e-005
570	1.14e-002	0.31	-1.81e-002	-8.63e-004	2.56e-005	-7.63e-005
571	1.27e-002	0.35	-1.86e-002	-8.92e-004	2.61e-005	-8.28e-005
572	1.41e-002	0.39	-1.91e-002	-9.12e-004	2.67e-005	-9.29e-005
573	1.55e-002	0.43	-1.94e-002	-9.17e-004	2.84e-005	-1.00e-004
574	1.70e-002	0.47	-1.96e-002	-9.14e-004	3.04e-005	-9.90e-005
575	1.86e-002	0.52	-1.98e-002	-9.19e-004	3.07e-005	-9.45e-005
576	2.01e-002	0.56	-1.99e-002	-9.17e-004	3.10e-005	-9.21e-005
577	2.17e-002	0.60	-1.99e-002	-9.00e-004	3.26e-005	-8.64e-005
578	2.34e-002	0.64	-1.99e-002	-8.76e-004	3.49e-005	-7.50e-005
579	2.51e-002	0.68	-1.98e-002	-8.49e-004	3.75e-005	-6.92e-005
580	7.70e-003	0.19	-1.59e-002	-7.71e-004	2.25e-005	-3.76e-005
581	8.84e-003	0.23	-1.66e-002	-8.19e-004	2.30e-005	-5.11e-005
582	1.01e-002	0.27	-1.72e-002	-8.45e-004	2.55e-005	-6.40e-005
583	1.14e-002	0.31	-1.77e-002	-8.60e-004	2.84e-005	-7.24e-005
584	1.27e-002	0.35	-1.82e-002	-8.94e-004	2.79e-005	-7.93e-005
585	1.41e-002	0.39	-1.87e-002	-9.16e-004	2.77e-005	-8.74e-005
586	1.55e-002	0.43	-1.89e-002	-9.16e-004	3.01e-005	-9.29e-005
587	1.70e-002	0.48	-1.90e-002	-9.03e-004	3.30e-005	-9.23e-005
588	1.86e-002	0.52	-1.93e-002	-9.12e-004	3.22e-005	-8.88e-005
589	2.01e-002	0.56	-1.94e-002	-9.11e-004	3.18e-005	-8.59e-005
590	2.17e-002	0.60	-1.93e-002	-8.88e-004	3.36e-005	-8.08e-005
591	2.34e-002	0.64	-1.91e-002	-8.54e-004	3.58e-005	-7.29e-005
592	7.10e-003	0.19	2.16e-003	-7.73e-004	1.96e-005	-3.86e-005
593	8.03e-003	0.23	2.35e-003	-8.06e-004	2.03e-005	-5.02e-005
594	9.03e-003	0.27	2.48e-003	-8.50e-004	2.29e-005	-6.11e-005
595	1.02e-002	0.31	2.61e-003	-8.72e-004	2.60e-005	-7.04e-005
596	1.14e-002	0.35	2.64e-003	-8.99e-004	2.64e-005	-7.83e-005
597	1.26e-002	0.39	2.66e-003	-9.03e-004	2.73e-005	-8.45e-005
598	1.39e-002	0.43	-2.64e-003	-9.21e-004	3.07e-005	-8.81e-005
599	1.54e-002	0.48	-2.62e-003	-9.16e-004	3.47e-005	-8.86e-005
600	1.70e-002	0.52	-2.55e-003	-9.18e-004	3.56e-005	-8.67e-005
601	1.87e-002	0.56	-2.50e-003	-8.98e-004	3.67e-005	-8.31e-005
602	2.04e-002	0.60	-2.47e-003	-8.93e-004	3.98e-005	-7.80e-005
603	2.23e-002	0.64	-2.48e-003	-8.65e-004	4.23e-005	-7.32e-005
604	2.42e-002	0.68	-2.55e-003	-8.45e-004	4.19e-005	-7.13e-005
605	6.19e-003	0.19	2.96e-002	-7.85e-004	-1.47e-005	-3.87e-005
606	6.86e-003	0.23	3.15e-002	-8.22e-004	-1.54e-005	-4.96e-005
607	7.60e-003	0.27	3.27e-002	-8.61e-004	1.76e-005	-5.97e-005
608	8.47e-003	0.31	3.29e-002	-7.98e-004	2.08e-005	-6.84e-005
609	9.44e-003	0.35	3.46e-002	-9.09e-004	2.25e-005	-7.70e-005
610	1.05e-002	0.39	3.52e-002	-9.18e-004	2.50e-005	-8.27e-005
611	1.17e-002	0.43	3.52e-002	-9.31e-004	3.05e-005	-8.55e-005
612	1.31e-002	0.48	3.41e-002	-8.39e-004	3.64e-005	-8.53e-005
613	1.47e-002	0.52	3.47e-002	-9.27e-004	3.96e-005	-8.49e-005
614	1.65e-002	0.56	3.42e-002	-9.12e-004	4.34e-005	-8.14e-005
615	1.84e-002	0.60	3.32e-002	-9.02e-004	4.85e-005	-7.68e-005
616	2.06e-002	0.64	3.11e-002	-7.92e-004	5.10e-005	-7.32e-005
617	-3.71e-003	0.19	4.84e-003	-7.74e-004	1.98e-005	-2.24e-005
618	-4.01e-003	0.19	-2.37e-002	-7.85e-004	2.03e-005	-2.23e-005
619	-4.50e-003	0.23	5.02e-003	-8.08e-004	2.35e-005	-2.68e-005
620	-4.80e-003	0.23	-2.52e-002	-8.23e-004	2.28e-005	-2.66e-005
621	-5.49e-003	0.27	5.29e-003	-8.52e-004	2.60e-005	-3.10e-005
622	-5.74e-003	0.27	-2.61e-002	-8.61e-004	2.46e-005	-3.08e-005

623	4.52e-002	1.03	-2.40e-002	-2.26e-003	-2.25e-004	-1.43e-004
624	4.52e-002	0.99	-2.06e-002	-2.05e-003	-2.17e-004	2.09e-004
625	7.15e-002	1.15	-1.12e-002	-2.45e-003	3.65e-004	-8.78e-005
626	-6.62e-005	9.25e-004	3.17e-004	-6.37e-006	-5.55e-006	3.94e-006
627	4.70e-002	1.15	1.48e-002	-2.45e-003	-1.36e-004	-1.28e-004
628	-2.92e-004	2.12e-003	-6.82e-004	-3.35e-005	6.47e-006	5.76e-006
629	7.52e-005	5.10e-004	-9.07e-004	-3.90e-005	-2.18e-005	-1.45e-006
630	-3.14e-004	2.17e-003	-1.88e-003	-3.90e-005	6.26e-006	2.02e-006
631	-5.51e-005	5.72e-004	7.87e-005	-5.34e-006	-6.74e-006	9.65e-007
632	7.50e-005	5.98e-004	7.02e-005	-6.35e-006	7.98e-006	-8.07e-007
633	-5.30e-005	6.30e-004	1.23e-004	1.80e-006	1.02e-005	-3.16e-006
634	-6.01e-005	5.94e-004	3.04e-004	-1.49e-005	-4.92e-006	-2.90e-007
635	6.96e-005	6.04e-004	3.09e-004	-1.52e-005	4.77e-006	7.89e-007
636	8.69e-005	6.70e-004	8.70e-005	1.86e-006	-6.98e-006	3.85e-006
637	8.25e-005	5.98e-004	-8.59e-005	-1.01e-005	1.34e-005	9.54e-007
638	-7.51e-005	6.19e-004	-9.46e-005	-9.61e-006	-1.28e-005	-6.59e-007
639	9.12e-005	6.16e-004	1.85e-004	-4.75e-006	-4.42e-006	-1.53e-006
640	7.42e-005	6.33e-004	-4.61e-004	-1.94e-005	7.04e-006	3.02e-007
641	-7.12e-005	6.41e-004	-4.61e-004	-1.94e-005	-7.05e-006	4.21e-007
642	-8.46e-005	6.53e-004	1.46e-004	-3.89e-006	4.72e-006	2.36e-006
643	6.65e-005	6.04e-004	-2.92e-005	-4.41e-006	1.25e-006	-2.79e-007
644	-8.97e-005	5.81e-004	-1.01e-003	-4.18e-005	2.59e-005	4.68e-006
645	-6.26e-005	4.65e-004	1.51e-003	-5.35e-005	7.19e-006	-2.38e-006
646	2.40e-004	2.21e-003	3.05e-003	-3.06e-005	-2.35e-006	-2.80e-006
647	-1.77e-004	2.24e-003	2.92e-003	-3.43e-005	4.14e-006	3.63e-006
648	-2.05e-004	5.95e-004	2.14e-003	-4.47e-005	2.95e-005	-7.15e-006
649	1.47e-004	5.07e-004	1.76e-003	-4.79e-005	-1.80e-005	4.32e-006
650	-1.51e-004	2.35e-003	2.84e-003	-3.58e-005	2.86e-006	3.09e-006
651	1.20e-004	4.91e-004	1.49e-003	-5.32e-005	-4.37e-006	2.32e-006
652	-6.41e-005	5.32e-004	1.79e-003	-4.79e-005	1.84e-005	-3.96e-006
653	1.90e-004	2.26e-003	2.88e-003	-3.44e-005	-2.69e-006	-3.19e-006
654	2.31e-004	2.36e-003	2.86e-003	-3.60e-005	-2.12e-006	-3.23e-006
655	2.57e-004	6.13e-004	1.99e-003	-4.51e-005	-2.44e-005	6.37e-006
656	-1.52e-004	2.26e-003	2.86e-003	-3.19e-005	6.78e-006	4.44e-006
657	-1.24e-004	4.61e-004	-1.59e-003	-5.80e-005	5.47e-006	2.65e-006
658	6.98e-005	4.21e-004	-1.91e-003	-5.00e-005	-1.96e-005	-1.96e-006
659	-2.97e-004	2.35e-003	-2.93e-003	-3.50e-005	6.70e-006	5.85e-006
660	-3.38e-004	2.20e-003	-2.71e-003	-3.45e-005	6.24e-006	4.01e-006
661	-2.25e-004	5.66e-004	-2.09e-003	-5.33e-005	2.50e-005	5.80e-006
662	-2.75e-004	2.49e-003	-3.23e-003	-3.49e-005	6.46e-006	3.10e-006
663	1.27e-004	4.75e-004	-1.68e-003	-6.04e-005	-4.93e-006	-2.80e-006
664	2.24e-004	5.81e-004	-2.15e-003	-5.50e-005	-2.44e-005	-5.64e-006
665	3.30e-004	2.37e-003	-3.18e-003	-3.44e-005	-5.94e-006	-5.79e-006
666	-2.83e-004	2.51e-003	-3.41e-003	-3.44e-005	-4.93e-006	-3.32e-006
667	-6.89e-005	4.37e-004	-2.08e-003	-5.19e-005	2.29e-005	2.27e-006
668	3.99e-004	2.24e-003	-2.95e-003	-3.62e-005	-6.71e-006	-2.35e-006
669	1.34e-004	6.00e-004	2.25e-003	-4.52e-005	-8.46e-006	1.89e-006
670	-1.58e-004	2.43e-003	2.88e-003	-3.75e-005	2.24e-006	1.58e-006
671	-7.13e-005	6.11e-004	2.27e-003	-4.52e-005	7.68e-006	-9.90e-007
672	2.16e-004	2.44e-003	2.90e-003	-3.76e-005	-1.77e-006	-1.44e-006
673	-1.49e-004	6.69e-004	-2.76e-003	-5.15e-005	1.13e-005	2.28e-006
674	-2.67e-004	2.56e-003	-3.57e-003	-3.52e-005	5.00e-006	1.47e-006
675	1.40e-004	6.76e-004	-2.78e-003	-5.21e-005	-1.00e-005	-1.70e-006
676	-2.66e-004	2.58e-003	-3.63e-003	-3.51e-005	-4.18e-006	-1.23e-006
677	-7.96e-005	5.19e-004	-1.05e-003	-3.91e-005	2.54e-005	-2.26e-006
678	3.91e-002	0.89	-1.38e-002	-2.15e-003	2.50e-004	-8.78e-005
679	3.33e-002	0.89	1.73e-002	-2.15e-003	1.53e-004	-1.28e-004
680	-8.38e-005	7.92e-004	-2.96e-004	-1.09e-005	1.44e-005	2.28e-006
681	6.03e-002	1.23	3.05e-003	-1.76e-004	1.45e-005	8.14e-004
682	-6.39e-005	6.12e-004	-3.19e-005	-4.40e-006	-1.01e-006	7.42e-007
683	-6.28e-005	5.33e-004	8.02e-004	-3.60e-005	-1.93e-005	2.78e-006
684	-9.37e-005	6.61e-004	-1.66e-003	-4.58e-005	1.14e-005	1.98e-006
685	9.03e-005	5.98e-004	-1.03e-003	-4.30e-005	-2.59e-005	-4.60e-006
686	-9.38e-005	6.68e-004	-1.67e-003	-4.63e-005	-1.10e-005	-1.55e-006
687	7.38e-005	5.60e-004	8.27e-004	-3.66e-005	1.96e-005	-2.36e-006
688	-6.50e-005	7.23e-004	1.60e-004	3.43e-006	-4.73e-006	3.76e-006
689	-6.35e-005	6.35e-004	4.63e-005	1.68e-006	-2.94e-006	8.79e-007
690	7.70e-005	6.74e-004	2.22e-004	2.75e-006	6.65e-006	-2.94e-006

691	7.20e-005	6.10e-004	6.28e-005	1.46e-006	4.05e-006	-3.44e-007
692	8.18e-005	5.97e-004	1.30e-003	-3.93e-005	-9.11e-006	1.36e-006
693	7.32e-005	6.08e-004	1.32e-003	-3.95e-005	8.29e-006	-4.26e-007
694	0.00	0.00	0.00	0.00	0.00	0.00
695	0.00	0.00	0.00	0.00	0.00	0.00
696	3.01e-002	0.77	-2.05e-002	-8.30e-004	5.38e-005	-7.93e-005
697	3.12e-002	0.79	-2.41e-002	-1.03e-003	5.41e-005	-1.34e-004
698	0.13	1.29	2.73e-002	-9.68e-004	1.65e-004	8.12e-004
699	0.13	1.17	2.38e-002	-7.49e-004	-9.55e-005	8.14e-004
700	-7.13e-002	1.17	-1.59e-002	-7.52e-004	1.56e-004	8.13e-004
701	-7.13e-002	1.29	-2.39e-002	-9.62e-004	-8.61e-005	8.11e-004
702	-7.13e-002	1.26	-2.41e-002	-4.45e-004	3.65e-005	8.15e-004
703	-7.13e-002	1.20	-2.06e-002	-3.85e-004	5.45e-005	8.17e-004
704	2.77e-002	0.78	2.56e-002	-8.42e-004	-2.62e-005	1.25e-004
705	2.75e-002	0.78	3.13e-002	-9.92e-004	3.22e-005	-7.41e-005
706	0.13	1.26	3.11e-002	-4.84e-004	-1.01e-005	8.15e-004
707	0.13	1.20	2.59e-002	-3.55e-004	-3.23e-005	8.17e-004
708	2.57e-002	0.77	-9.49e-003	-6.52e-004	3.84e-005	-8.50e-005
709	2.85e-002	0.77	1.76e-002	-6.46e-004	5.17e-005	-8.43e-005
710	5.23e-002	1.29	1.34e-002	-3.45e-004	-4.10e-004	8.10e-004

SFORZI "Dinamica SLDh X" (Fase 1)

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
206	230	-115.15	0.00	0.00	0.00	0.00	0.00
	234	115.15	0.00	0.00	0.00	0.00	0.00
207	232	-261.60	0.00	0.00	0.00	0.00	0.00
	238	261.60	0.00	0.00	0.00	0.00	0.00
208	319	-134.37	0.00	0.00	0.00	0.00	0.00
	322	134.37	0.00	0.00	0.00	0.00	0.00
209	285	173.68	0.00	0.00	0.00	0.00	0.00
	286	-173.68	0.00	0.00	0.00	0.00	0.00
210	456	256.37	0.00	0.00	0.00	0.00	0.00
	470	-256.37	0.00	0.00	0.00	0.00	0.00
211	458	129.71	0.00	0.00	0.00	0.00	0.00
	474	-129.71	0.00	0.00	0.00	0.00	0.00
212	460	-49.55	0.00	0.00	0.00	0.00	0.00
	478	49.55	0.00	0.00	0.00	0.00	0.00
213	462	-118.16	0.00	0.00	0.00	0.00	0.00
	482	118.16	0.00	0.00	0.00	0.00	0.00
214	464	-149.54	0.00	0.00	0.00	0.00	0.00
	486	149.54	0.00	0.00	0.00	0.00	0.00
215	12	-216.64	0.00	0.00	0.00	0.00	0.00
	16	216.64	0.00	0.00	0.00	0.00	0.00
216	466	-159.81	0.00	0.00	0.00	0.00	0.00
	490	159.81	0.00	0.00	0.00	0.00	0.00
371	137	-431.11	0.00	0.00	0.00	0.00	0.00
	135	431.11	0.00	0.00	0.00	0.00	0.00
11	681	-84.17	-8.32	-0.33	-0.33	12.14	-522.87
	63	84.17	8.32	0.33	0.33	15.62	206.85
12	66	-76.07	3.07	0.72	2.03	-34.18	-291.76
	681	76.07	-3.07	-0.72	-2.03	-22.42	525.17
13	681	63.99	8.19	-0.61	-0.42	20.99	514.35
	65	-63.99	-8.19	0.61	0.42	27.67	-209.45
14	64	57.35	-3.25	0.38	2.20	-20.24	272.23
	681	-57.35	3.25	-0.38	-2.20	-10.47	-516.36
15	679	-153.92	-134.34	-105.66	9.17e-016	10189.35	-9758.38
	627	153.92	134.34	105.66	-9.17e-016	-2702.74	-7256.27
16	20	-153.92	-275.46	-148.07	9.21e-013	19848.04	-27022.95

	679	153.92	275.46	148.07	-9.21e-013	-10189.35	9758.38
17	678	144.36	-168.84	-106.25	-5.89e-014	10330.36	-11074.18
	625	-144.36	168.84	106.25	5.89e-014	-2691.91	-8872.95
18	10	144.36	-362.39	-148.16	-4.94e-013	20004.46	-34837.82
	678	-144.36	362.39	148.16	4.94e-013	-10330.36	11074.18
19	627	-153.92	120.94	-45.05	0.00	2702.74	7256.27
	710	153.92	-120.94	45.05	0.00	0.00	0.00
20	625	144.36	147.88	-44.87	0.00	2691.91	8872.95
	60	-144.36	-147.88	44.87	0.00	0.00	0.00
21	138	-105.28	-72.55	-86.62	0.00	20787.69	-17411.17
	701	105.28	72.55	86.62	0.00	0.00	0.00
22	134	-270.07	-150.73	-88.71	0.00	21289.29	-36174.85
	698	270.07	150.73	88.71	0.00	0.00	0.00
23	624	13.11	-382.03	24.44	9.79	-1326.00	-21353.14
	623	-13.11	382.03	-24.44	-9.79	-1412.43	-21434.35
24	624	-72.03	-147.12	35.27	0.00	-3526.68	-14711.89
	703	72.03	147.12	-35.27	0.00	0.00	0.00
25	696	-446.79	-179.18	41.64	-1326.00	-8943.06	-18313.43
	624	446.79	179.18	-41.64	1326.00	3520.30	-6806.91
26	623	66.27	-144.03	-41.71	0.00	4171.38	-14403.36
	702	-66.27	144.03	41.71	0.00	0.00	0.00
27	697	441.96	-186.76	-42.26	-1412.43	9465.37	-19003.73
	623	-441.96	186.76	42.26	1412.43	-4164.11	-7175.00
28	166	24.26	-0.10	290.17	-1.62	216.38	-2.26
	110	-24.26	0.10	-290.17	1.62	-23214.43	-6.93
29	118	-13.22	-0.10	290.04	-1.62	-23196.65	-9.48
	166	13.22	0.10	-290.04	1.62	-216.38	2.26
30	158	19.69	-3.67e-004	315.09	-1.62	-192.58	-2.61e-002
	69	-19.69	3.67e-004	-315.09	1.62	-25204.36	-2.57e-002
31	74	-22.10	-3.67e-004	315.12	-1.62	-25208.08	-4.93e-002
	158	22.10	3.67e-004	-315.12	1.62	192.58	2.61e-002
32	153	28.99	1.61e-005	275.56	-1.62	-196.87	-2.72e-004
	70	-28.99	-1.61e-005	-275.56	1.62	-22047.64	1.47e-003
33	81	-28.60	1.61e-005	275.79	-1.62	-22055.98	1.15e-003
	153	28.60	-1.61e-005	-275.79	1.62	196.87	2.72e-004
34	145	36.86	-1.40e-004	188.37	-1.62	-194.70	-2.83e-006
	73	-36.86	1.40e-004	-188.37	1.62	-15074.00	-1.12e-002
35	89	-36.79	-1.40e-004	188.76	-1.62	-15089.18	-1.12e-002
	145	36.79	1.40e-004	-188.76	1.62	194.70	2.83e-006
36	136	44.48	-3.83e-002	109.62	-1.62	-215.33	-3.31e-008
	97	-44.48	3.83e-002	-109.62	1.62	-8773.00	-3.06
37	105	-45.00	-3.83e-002	110.09	-1.62	-8789.77	-3.06
	136	45.00	3.83e-002	-110.09	1.62	215.33	3.31e-008
38	118	-902.50	2.83e-002	-425.14	3.12	15647.19	2.86
	74	902.50	-2.83e-002	425.14	-3.12	13163.10	-0.97
39	579	-1191.19	-7.23e-002	-434.19	12.53	0.00	0.00
	118	1191.19	7.23e-002	434.19	-12.53	7603.83	-1.27
40	110	896.35	-2.83e-002	-423.83	3.08	15577.51	-2.86
	69	-896.35	2.83e-002	423.83	-3.08	13149.81	0.97
41	516	1185.51	7.23e-002	-440.57	9.86	0.00	0.00
	110	-1185.51	-7.23e-002	440.57	-9.86	7715.48	1.27
42	105	1.90	6.70e-002	-9.63	4.79e-016	168.58	1.17
	68	-1.90	-6.70e-002	9.63	-4.79e-016	1.12e-009	2.69e-012

43	89	-115.01	2.87e-002	-143.96	3.06	1448.67	1.50
	105	115.01	-2.87e-002	143.96	-3.06	8622.88	0.45
44	97	1.41	-6.70e-002	-9.63	4.55e-016	168.60	-1.17
	67	-1.41	6.70e-002	9.63	-4.55e-016	2.20e-009	-7.56e-012
45	73	112.48	-2.87e-002	-143.43	3.06	1416.01	-1.50
	97	-112.48	2.87e-002	143.43	-3.06	8606.25	-0.45
46	81	-308.49	2.86e-002	-276.46	3.07	6816.69	2.03
	89	308.49	-2.86e-002	276.46	-3.07	14120.46	0.17
47	74	-587.07	2.86e-002	-371.59	3.07	12369.09	2.56
	81	587.07	-2.86e-002	371.59	-3.07	15670.11	-0.44
48	70	303.69	-2.86e-002	-276.25	3.07	6802.65	-2.03
	73	-303.69	2.86e-002	276.25	-3.07	14115.83	-0.17
49	69	581.08	-2.86e-002	-371.70	3.07	12371.85	-2.56
	70	-581.08	2.86e-002	371.70	-3.07	15673.17	0.44
50	63	-131.88	10.34	-0.11	-0.70	-4.74	-422.83
	700	131.88	-10.34	0.11	0.70	4.37	1131.30
51	698	71.36	22.16	5.71e-002	2.61	-9.08	2561.30
	66	-71.36	-22.16	-5.71e-002	-2.61	9.02	-988.01
52	65	140.03	-8.77	-0.15	-0.65	-4.66	306.17
	701	-140.03	8.77	0.15	0.65	10.97	-897.14
53	699	-48.53	-19.60	-0.16	2.85	2.16	-2295.29
	64	48.53	19.60	0.16	-2.85	9.72	904.92
54	65	-91.74	8.31	-2.29	0.61	50.07	431.18
	710	91.74	-8.31	2.29	-0.61	74.12	-20.76
55	63	-47.54	-4.68	-0.45	0.15	24.85	-251.42
	65	47.54	4.68	0.45	-0.15	25.55	-297.17
56	58	-21.10	8.69	-1.83	0.73	55.86	-24.38
	63	21.10	-8.69	1.83	-0.73	42.98	446.91
57	66	-113.93	37.85	1.17	-2.49	-26.34	2061.88
	60	113.93	-37.85	-1.17	2.49	-38.15	-22.15
58	64	-55.15	-53.82	0.39	2.87	-21.73	-3061.21
	66	55.15	53.82	-0.39	-2.87	-21.89	-2969.70
59	59	-28.40	40.82	-0.69	-2.42	19.95	-17.35
	64	28.40	-40.82	0.69	2.42	17.38	2218.65
60	706	-13.87	54.60	-3.07	-0.78	76.10	55.69
	66	13.87	-54.60	3.07	0.78	68.20	2511.65
61	66	83.20	-19.58	0.40	-0.67	-24.94	-1709.92
	65	-83.20	19.58	-0.40	0.67	-20.13	538.24
62	65	36.63	-7.20	4.04	-0.60	-87.29	-341.58
	702	-36.63	7.20	-4.04	0.60	-102.64	-9.30
63	63	-27.75	6.19	3.39	-0.85	-71.70	296.04
	703	27.75	-6.19	-3.39	0.85	-87.63	12.42
64	64	-44.36	21.96	0.31	-0.67	-20.03	1878.04
	63	44.36	-21.96	-0.31	0.67	-14.83	-581.78
65	707	23.80	-57.04	-1.92	-1.01	48.25	-52.45
	64	-23.80	57.04	1.92	1.01	41.96	-2628.99
77	702	-116.57	38.21	-20.77	10.16	-489.24	1465.83
	701	116.57	-38.21	20.77	-10.16	1382.63	685.43
78	703	-18.42	-27.53	-9.30	1.21	503.67	-1637.53
	702	18.42	27.53	9.30	-1.21	563.21	-1465.36
79	700	97.26	45.51	-15.04	13.13	899.22	864.60
	703	-97.26	-45.51	15.04	-13.13	-446.16	1638.32
80	706	-33.09	293.29	14.41	-20.89	669.07	13899.84

	698	33.09	-293.29	-14.41	20.89	-1195.79	1963.69
81	707	-29.81	-248.10	13.04	35.23	-746.58	-13887.33
	706	29.81	248.10	-13.04	-35.23	-734.09	-13900.55
82	699	-28.07	289.45	-11.25	-17.53	-342.58	1760.80
	707	28.07	-289.45	11.25	17.53	703.74	13886.36
83	710	-88.43	84.28	49.92	-9.18	-1224.82	-3413.52
	701	88.43	-84.28	-49.92	9.18	-1393.30	599.55
84	60	-83.76	61.61	21.58	12.09	-1749.69	3366.27
	710	83.76	-61.61	-21.58	-12.09	1215.13	3413.32
85	698	-110.36	-62.84	-60.82	30.16	1204.65	-1700.57
	60	110.36	62.84	60.82	-30.16	1753.86	-3364.62
86	58	70.93	-99.26	27.86	-11.75	-568.01	3941.43
	700	-70.93	99.26	-27.86	11.75	-903.37	-756.32
87	59	62.78	-71.26	9.51	13.20	-842.94	-3900.05
	58	-62.78	71.26	-9.51	-13.20	552.50	-3940.97
88	699	55.48	61.76	-22.94	27.70	341.80	1522.34
	59	-55.48	-61.76	22.94	-27.70	832.41	3897.94
89	708	-166.58	-88.40	55.71	0.00	-13371.31	-21215.55
	59	166.58	88.40	-55.71	0.00	0.00	0.00
90	709	178.95	-58.70	55.14	0.00	-13233.21	-14086.84
	58	-178.95	58.70	-55.14	0.00	0.00	0.00
95	704	-594.33	-111.11	38.14	0.00	-9152.72	-26667.45
	707	594.33	111.11	-38.14	0.00	0.00	0.00
96	705	595.57	-111.25	-40.09	0.00	9621.74	-26699.90
	706	-595.57	111.25	40.09	0.00	0.00	0.00
101	142	236.74	-151.43	78.13	0.00	-18752.11	-36344.04
	699	-236.74	151.43	-78.13	0.00	0.00	0.00
102	131	130.08	-70.57	76.39	0.00	-18333.45	-16936.83
	700	-130.08	70.57	-76.39	0.00	0.00	0.00
217	280	793.73	-135.22	-33.24	-1.81	1463.77	-5863.79
	274	-793.73	135.22	33.24	1.81	1395.68	-5765.81
218	127	230.76	-183.02	58.91	6.44	-2278.57	-7892.99
	616	-230.76	183.02	-58.91	-6.44	-2797.82	-7847.52
219	404	-116.21	-643.89	43.21	2.00	1557.67	-28957.83
	428	116.21	643.89	-43.21	-2.00	-2700.96	-28992.05
224	62	-143.63	-210.84	-138.54	4.77	6064.27	-9041.04
	608	143.63	210.84	138.54	-4.77	5852.71	-9090.96
225	112	199.98	-200.78	68.94	7.23	3054.14	-8633.60
	612	-199.98	200.78	-68.94	-7.23	-2895.07	-8633.52
226	400	-68.90	-632.53	44.16	-2.11	-1568.09	-28459.80
	420	68.90	632.53	-44.16	2.11	-2559.59	-28468.32
227	396	-47.76	-479.08	36.40	2.44	-1309.92	-21565.77
	412	47.76	479.08	-36.40	-2.44	-2011.39	-21551.32
686	288	-127.32	-206.97	-125.45	-2.58	5452.98	-8989.10
	283	127.32	206.97	125.45	2.58	5336.39	-8811.18
91	709	483.87	63.91	31.58	4078.94	8009.50	1673.24
	40	-483.87	-63.91	-31.58	-4078.94	-8452.48	986.97
92	132	1126.08	209.77	-165.17	4742.66	12521.65	5882.77
	709	-1126.08	-209.77	165.17	-4742.66	-10556.37	3622.33
93	708	152.87	-54.77	-72.13	1156.02	7645.36	-1338.20
	53	-152.87	54.77	72.13	-1156.02	-6069.17	-381.08
94	139	673.17	-178.93	-70.29	3860.77	10340.91	-5021.03
	708	-673.17	178.93	70.29	-3860.77	-9572.19	3136.25

97	705	-3330.13	-801.40	-120.78	4089.45	-13112.52	11204.38
	150	3330.13	801.40	120.78	-4089.45	14421.71	-19931.71
98	5	-1323.04	-134.79	-44.20	1838.32	-9721.96	1832.88
	705	1323.04	134.79	44.20	-1838.32	10462.35	-4991.71
99	704	2782.05	746.75	57.05	-2008.77	4562.50	-10775.77
	147	-2782.05	-746.75	-57.05	2008.77	-5138.52	18897.85
100	160	836.85	122.16	-39.63	1523.08	3728.03	-1495.06
	704	-836.85	-122.16	39.63	-1523.08	-3688.06	4367.08
103	697	-31.37	167.75	-4.72	231.86	62.00	706.05
	146	31.37	-167.75	4.72	-231.86	-45.65	300.74
104	25	453.48	117.23	-33.52	658.91	501.92	-335.08
	697	-453.48	-117.23	33.52	-658.91	-487.30	3088.85
105	696	29.91	-159.34	-6.65	475.68	88.68	-668.02
	143	-29.91	159.34	6.65	-475.68	-53.13	-288.42
106	33	-437.54	-114.04	-49.28	654.24	1401.20	376.51
	696	437.54	114.04	49.28	-654.24	-540.28	-3060.59
107	205	8.66e-006	-2.67e-009	-2.69e-010	5.65e-008	1.49e-008	1.78e-008
	222	-8.66e-006	2.67e-009	2.69e-010	-5.65e-008	-7.25e-009	-9.75e-008
108	212	-8.38e-006	-2.78e-009	6.16e-010	6.55e-008	-4.95e-009	-1.02e-007
	204	8.38e-006	2.78e-009	-6.16e-010	-6.55e-008	-2.26e-008	1.90e-008
109	312	1.64e-005	-7.72e-009	3.72e-010	8.21e-008	1.30e-008	-7.79e-008
	205	-1.64e-005	7.72e-009	-3.72e-010	-8.21e-008	-1.92e-008	-1.80e-007
110	308	1.03e-006	2.16e-009	2.84e-010	8.06e-008	1.20e-008	3.82e-008
	312	-1.03e-006	-2.16e-009	-2.84e-010	-8.06e-008	-1.79e-008	3.38e-008
111	204	-1.49e-005	-7.98e-009	5.02e-010	8.36e-008	-1.51e-008	-1.79e-007
	308	1.49e-005	7.98e-009	-5.02e-010	-8.36e-008	-1.95e-008	-8.73e-008
112	32	8.33e-006	1.19e-009	9.23e-010	-4.98e-008	-6.68e-008	-3.85e-008
	143	-8.33e-006	-1.19e-009	-9.23e-010	4.98e-008	6.02e-008	8.04e-008
113	30	1.07e-005	1.55e-009	-3.04e-010	-9.21e-008	-3.76e-008	1.94e-008
	32	-1.07e-005	-1.55e-009	3.04e-010	9.21e-008	4.61e-008	4.04e-008
114	364	2.24e-005	-6.35e-009	-2.04e-009	-1.67e-007	4.24e-008	-2.02e-007
	30	-2.24e-005	6.35e-009	2.04e-009	1.67e-007	5.38e-008	-3.43e-008
115	27	-8.44e-006	1.31e-009	-6.75e-010	-2.53e-008	4.31e-008	-3.94e-008
	146	8.44e-006	-1.31e-009	6.75e-010	2.53e-008	-6.29e-008	8.63e-008
116	26	-9.36e-006	1.21e-009	3.20e-010	-3.26e-008	1.88e-008	1.47e-008
	27	9.36e-006	-1.21e-009	-3.20e-010	3.26e-008	-2.81e-008	3.26e-008
117	365	-1.78e-005	-4.83e-009	2.15e-009	-7.04e-008	-6.45e-008	-1.58e-007
	26	1.78e-005	4.83e-009	-2.15e-009	7.04e-008	-3.17e-008	-2.28e-008
118	3	3.27e-005	-2.51e-008	1.06e-009	-2.62e-007	-3.16e-008	-1.41e-007
	150	-3.27e-005	2.51e-008	-1.06e-009	2.62e-007	-4.60e-008	-7.89e-007
119	168	9.93e-006	6.38e-010	5.32e-010	-1.19e-007	-2.33e-008	-9.16e-009
	3	-9.93e-006	-6.38e-010	-5.32e-010	1.19e-007	1.84e-008	2.92e-008
120	367	6.12e-006	9.03e-010	6.54e-011	-7.68e-008	-1.13e-008	4.09e-008
	168	-6.12e-006	-9.03e-010	-6.54e-011	7.68e-008	1.19e-008	-1.29e-008
121	428	5.06e-006	-4.80e-009	-3.02e-010	-5.11e-008	6.78e-009	-1.68e-007
	367	-5.06e-006	4.80e-009	3.02e-010	5.11e-008	9.94e-009	-5.64e-008
122	426	1.07e-005	-4.73e-009	1.71e-010	-6.05e-008	5.22e-009	-4.43e-008
	428	-1.07e-005	4.73e-009	-1.71e-010	6.05e-008	-7.07e-009	-1.77e-007
123	424	3.96e-006	1.09e-009	1.36e-011	-4.81e-008	-4.64e-009	2.28e-008
	426	-3.96e-006	-1.09e-009	-1.36e-011	4.81e-008	4.61e-009	2.97e-008
124	422	5.88e-006	1.17e-009	-3.37e-011	4.18e-008	-4.43e-009	2.66e-008
	424	-5.88e-006	-1.17e-009	3.37e-011	-4.18e-008	4.86e-009	2.95e-008
125	420	-1.52e-005	-4.35e-009	-2.74e-010	3.59e-008	1.01e-008	-1.73e-007

	422	1.52e-005	4.35e-009	2.74e-010	-3.59e-008	5.63e-009	-2.97e-008
126	418	5.46e-006	-4.29e-009	1.97e-010	4.95e-008	-4.37e-009	-6.04e-008
	420	-5.46e-006	4.29e-009	-1.97e-010	-4.95e-008	-9.87e-009	-1.40e-007
127	416	-1.60e-005	1.43e-009	1.83e-011	4.33e-008	-4.16e-009	7.68e-009
	418	1.60e-005	-1.43e-009	-1.83e-011	-4.33e-008	4.31e-009	6.52e-008
128	414	-2.31e-005	1.43e-009	-1.69e-011	4.07e-008	-4.34e-009	7.97e-009
	416	2.31e-005	-1.43e-009	1.69e-011	-4.07e-008	4.56e-009	6.84e-008
129	412	-3.40e-005	-2.77e-009	-1.96e-010	3.82e-008	5.78e-009	-1.59e-007
	414	3.40e-005	2.77e-009	1.96e-010	-3.82e-008	6.36e-009	3.06e-008
130	410	-2.91e-005	-2.77e-009	2.03e-010	4.45e-008	-7.65e-009	-7.99e-008
	412	2.91e-005	2.77e-009	-2.03e-010	-4.45e-008	5.11e-009	-4.92e-008
131	408	-4.06e-005	1.69e-009	8.52e-011	4.02e-008	-1.13e-008	-3.68e-008
	410	4.06e-005	-1.69e-009	-8.52e-011	-4.02e-008	7.72e-009	1.15e-007
132	406	-4.89e-005	1.42e-009	-1.54e-010	4.10e-008	-1.01e-008	-5.59e-008
	408	4.89e-005	-1.42e-009	1.54e-010	-4.10e-008	1.53e-008	1.21e-007
133	293	-6.88e-005	-1.04e-008	-1.77e-009	5.49e-008	5.72e-008	-4.24e-007
	406	6.88e-005	1.04e-008	1.77e-009	-5.49e-008	2.64e-008	-6.17e-008
134	164	-3.10e-005	-2.47e-008	4.82e-010	1.20e-007	-4.03e-008	-1.53e-007
	147	3.10e-005	2.47e-008	-4.82e-010	-1.20e-007	4.19e-008	-7.62e-007
135	163	-9.33e-006	9.15e-010	3.08e-010	-9.70e-008	-2.37e-008	-8.53e-009
	164	9.33e-006	-9.15e-010	-3.08e-010	9.70e-008	2.77e-008	3.89e-008
136	366	-6.76e-006	7.85e-010	-7.08e-011	-1.01e-007	-1.75e-008	3.88e-008
	163	6.76e-006	-7.85e-010	7.08e-011	1.01e-007	1.95e-008	-1.40e-008
137	404	-4.18e-006	-4.76e-009	-1.63e-010	-1.05e-007	-1.10e-008	-1.65e-007
	366	4.18e-006	4.76e-009	1.63e-010	1.05e-007	1.55e-008	-5.76e-008
138	403	-1.23e-005	-4.93e-009	-1.77e-010	-1.16e-007	-1.28e-008	-4.71e-008
	404	1.23e-005	4.93e-009	1.77e-010	1.16e-007	1.10e-008	-1.83e-007
139	402	-4.58e-006	1.01e-009	-5.97e-011	-1.15e-007	-1.02e-008	2.18e-008
	403	4.58e-006	-1.01e-009	5.97e-011	1.15e-007	1.13e-008	2.72e-008
140	401	-4.60e-006	1.08e-009	-4.91e-011	-1.12e-007	-8.60e-009	2.49e-008
	402	4.60e-006	-1.08e-009	4.91e-011	1.12e-007	9.77e-009	2.69e-008
141	400	1.34e-005	-4.46e-009	1.75e-010	-1.07e-007	-4.88e-009	-1.76e-007
	401	-1.34e-005	4.46e-009	-1.75e-010	1.07e-007	9.97e-009	-3.21e-008
142	399	-4.07e-006	-4.37e-009	-1.65e-010	-1.14e-007	-1.02e-008	-6.23e-008
	400	4.07e-006	4.37e-009	1.65e-010	1.14e-007	4.96e-009	-1.42e-007
143	398	1.36e-005	1.33e-009	-2.61e-011	-1.08e-007	8.58e-009	7.38e-009
	399	-1.36e-005	-1.33e-009	2.61e-011	1.08e-007	8.84e-009	6.25e-008
144	397	2.03e-005	1.33e-009	-3.45e-011	-1.01e-007	8.07e-009	8.22e-009
	398	-2.03e-005	-1.33e-009	3.45e-011	1.01e-007	-8.81e-009	6.50e-008
145	396	3.09e-005	-2.86e-009	1.32e-010	-9.23e-008	4.67e-009	-1.60e-007
	397	-3.09e-005	2.86e-009	-1.32e-010	9.23e-008	-9.73e-009	2.71e-008
146	395	2.62e-005	-2.79e-009	-1.81e-010	-9.54e-008	1.36e-008	-7.99e-008
	396	-2.62e-005	2.79e-009	1.81e-010	9.54e-008	-5.97e-009	-5.03e-008
147	394	3.81e-005	1.66e-009	-6.47e-011	-8.58e-008	1.61e-008	-3.84e-008
	395	-3.81e-005	-1.66e-009	6.47e-011	8.58e-008	-1.39e-008	1.15e-007
148	393	4.65e-005	1.38e-009	1.98e-010	-7.91e-008	1.28e-008	-5.86e-008
	394	-4.65e-005	-1.38e-009	-1.98e-010	7.91e-008	-1.98e-008	1.22e-007
149	292	6.59e-005	-1.00e-008	1.21e-009	-9.42e-008	-3.63e-008	-4.13e-007
	393	-6.59e-005	1.00e-008	-1.21e-009	9.42e-008	-2.24e-008	-5.34e-008
150	221	3.54e-005	-1.64e-008	1.61e-009	-3.48e-008	1.53e-008	-1.11e-007
	205	-3.54e-005	1.64e-008	-1.61e-009	3.48e-008	-3.48e-008	-3.66e-007
151	219	1.69e-005	2.15e-009	1.55e-010	-2.74e-008	1.78e-008	6.00e-008
	221	-1.69e-005	-2.15e-009	-1.55e-010	2.74e-008	-1.28e-008	3.47e-008

152	217	7.24e-006	2.01e-009	1.35e-010	-2.94e-008	-1.27e-008	4.37e-008
	219	-7.24e-006	-2.01e-009	-1.35e-010	2.94e-008	-1.53e-008	4.49e-008
153	180	-3.88e-006	1.78e-009	1.98e-010	2.79e-008	-1.17e-008	1.42e-008
	217	3.88e-006	-1.78e-009	-1.98e-010	-2.79e-008	1.27e-008	6.45e-008
154	57	-1.92e-005	-4.09e-009	-4.66e-010	2.62e-008	1.71e-008	-1.76e-007
	180	1.92e-005	4.09e-009	4.66e-010	-2.62e-008	1.49e-008	-2.43e-008
155	215	-3.76e-005	-1.66e-008	1.78e-009	-3.71e-008	-2.86e-008	-1.08e-007
	204	3.76e-005	1.66e-008	-1.78e-009	3.71e-008	2.62e-008	-3.74e-007
156	214	-1.83e-005	2.27e-009	-2.58e-010	-3.53e-008	-3.68e-008	6.46e-008
	215	1.83e-005	-2.27e-009	2.58e-010	3.53e-008	2.62e-008	3.52e-008
157	213	-8.15e-006	2.13e-009	-9.56e-011	-3.67e-008	-3.78e-008	4.93e-008
	214	8.15e-006	-2.13e-009	9.56e-011	3.67e-008	3.92e-008	4.48e-008
158	179	3.77e-006	1.87e-009	-3.55e-010	-2.86e-008	2.44e-008	1.69e-008
	213	-3.77e-006	-1.87e-009	3.55e-010	2.86e-008	3.82e-008	6.57e-008
159	56	2.06e-005	-4.24e-009	6.93e-010	2.41e-008	1.84e-008	-1.85e-007
	179	-2.06e-005	4.24e-009	-6.93e-010	-2.41e-008	-2.01e-008	-2.26e-008
160	42	8.98e-006	-8.38e-010	-7.65e-009	-3.19e-007	-6.07e-008	-8.76e-008
	132	-8.98e-006	8.38e-010	7.65e-009	3.19e-007	2.27e-007	6.78e-008
161	41	5.41e-006	-3.58e-010	6.79e-010	-1.89e-007	-2.87e-008	-6.34e-008
	42	-5.41e-006	3.58e-010	-6.79e-010	1.89e-007	1.66e-008	5.81e-008
162	357	6.35e-006	7.97e-011	3.77e-010	-1.44e-007	-2.59e-008	-5.14e-008
	41	-6.35e-006	-7.97e-011	-3.77e-010	1.44e-007	2.02e-008	5.31e-008
163	616	5.18e-006	4.88e-010	-1.57e-009	-1.21e-007	-5.70e-008	-2.34e-008
	357	-5.18e-006	-4.88e-010	1.57e-009	1.21e-007	2.53e-008	4.56e-008
164	615	7.81e-006	-1.79e-010	-1.38e-009	-1.23e-007	-2.06e-008	-1.88e-008
	616	-7.81e-006	1.79e-010	1.38e-009	1.23e-007	4.98e-008	1.72e-008
165	614	-7.34e-006	8.76e-011	2.71e-010	-1.07e-007	-1.04e-008	-1.11e-008
	615	7.34e-006	-8.76e-011	-2.71e-010	1.07e-007	-9.09e-009	1.48e-008
166	613	-7.47e-006	5.58e-011	2.54e-010	-1.01e-007	-1.07e-008	-8.34e-009
	614	7.47e-006	-5.58e-011	-2.54e-010	1.01e-007	-9.68e-009	1.05e-008
167	612	-6.56e-006	2.92e-010	1.79e-009	-1.03e-007	5.65e-008	-1.37e-008
	613	6.56e-006	-2.92e-010	-1.79e-009	1.03e-007	-2.81e-008	8.19e-009
168	611	-1.02e-005	-3.12e-010	-1.49e-009	-8.22e-008	1.46e-008	-5.87e-009
	612	1.02e-005	3.12e-010	1.49e-009	8.22e-008	5.66e-008	1.35e-008
169	610	-9.82e-006	3.56e-011	3.19e-010	-8.81e-008	-9.32e-009	-4.38e-009
	611	9.82e-006	-3.56e-011	-3.19e-010	8.81e-008	-9.94e-009	5.15e-009
170	609	-1.03e-005	-4.53e-011	3.23e-010	-9.45e-008	-1.02e-008	-4.63e-009
	610	1.03e-005	4.53e-011	-3.23e-010	9.45e-008	-1.05e-008	4.39e-009
171	608	-1.01e-005	-5.91e-010	-1.57e-009	-1.08e-007	5.16e-008	-2.54e-008
	609	1.01e-005	5.91e-010	1.57e-009	1.08e-007	-2.26e-008	4.52e-009
172	607	-1.35e-005	6.00e-010	1.80e-009	-6.27e-008	-2.01e-008	-4.66e-009
	608	1.35e-005	-6.00e-010	-1.80e-009	6.27e-008	-6.45e-008	2.54e-008
173	606	-1.22e-005	2.74e-011	3.21e-010	-7.58e-008	-7.89e-009	-4.01e-009
	607	1.22e-005	-2.74e-011	-3.21e-010	7.58e-008	-8.77e-009	4.80e-009
174	605	-1.21e-005	-7.31e-011	3.36e-010	-8.42e-008	-8.47e-009	-6.71e-009
	606	1.21e-005	7.31e-011	-3.36e-010	8.42e-008	-8.43e-009	4.39e-009
175	283	-1.17e-005	-5.71e-010	1.49e-009	-9.63e-008	5.71e-008	-2.83e-008
	605	1.17e-005	5.71e-010	-1.49e-009	9.63e-008	-1.30e-008	3.83e-009
176	350	-1.39e-005	5.78e-010	1.97e-009	-5.26e-008	-2.61e-008	-6.13e-009
	283	1.39e-005	-5.78e-010	-1.97e-009	5.26e-008	-5.84e-008	2.98e-008
177	349	-1.27e-005	2.79e-011	5.00e-010	-5.97e-008	-9.16e-009	-1.06e-008
	350	1.27e-005	-2.79e-011	-5.00e-010	5.97e-008	-2.02e-008	1.08e-008
178	195	-1.27e-005	-7.93e-011	3.13e-010	-6.07e-008	-7.70e-009	-1.55e-008

	349	1.27e-005	7.93e-011	-3.13e-010	6.07e-008	-2.03e-008	1.12e-008
179	274	-1.31e-005	-3.08e-010	6.25e-009	-6.13e-008	-1.47e-007	-2.34e-008
	195	1.31e-005	3.08e-010	-6.25e-009	6.13e-008	-3.96e-008	1.56e-008
180	273	-1.44e-005	1.53e-010	-7.23e-010	-4.65e-008	2.28e-008	-1.60e-008
	274	1.44e-005	-1.53e-010	7.23e-010	4.65e-008	1.03e-008	2.16e-008
181	272	-1.80e-005	-8.86e-011	8.37e-010	-4.57e-008	-2.91e-008	-1.99e-008
	273	1.80e-005	8.86e-011	-8.37e-010	4.57e-008	-3.24e-008	1.66e-008
182	170	-2.53e-005	-9.46e-010	-3.34e-009	-4.64e-008	1.24e-007	-5.24e-008
	272	2.53e-005	9.46e-010	3.34e-009	4.64e-008	2.31e-008	1.55e-008
183	52	-7.76e-006	1.43e-009	-7.08e-009	-2.24e-007	-5.76e-008	-5.26e-008
	139	7.76e-006	-1.43e-009	7.08e-009	2.24e-007	2.07e-007	9.89e-008
184	50	-3.80e-006	1.20e-009	-5.08e-010	-1.43e-007	-6.55e-009	2.96e-008
	52	3.80e-006	-1.20e-009	5.08e-010	1.43e-007	1.82e-008	-2.82e-008
185	362	-4.38e-006	9.52e-011	-4.19e-010	-1.35e-007	-1.27e-008	1.96e-008
	50	4.38e-006	-9.52e-011	4.19e-010	1.35e-007	1.37e-008	-1.85e-008
186	127	-5.29e-006	-2.51e-010	-1.13e-009	-1.20e-007	4.24e-008	6.96e-009
	362	5.29e-006	2.51e-010	1.13e-009	1.20e-007	1.52e-008	-1.60e-008
187	124	-5.99e-006	2.17e-010	-1.33e-009	-1.25e-007	-1.41e-008	1.58e-008
	127	5.99e-006	-2.17e-010	1.33e-009	1.25e-007	5.11e-008	-8.15e-009
188	120	-5.59e-006	-1.47e-010	-5.01e-010	-1.23e-007	-1.33e-008	7.99e-009
	124	5.59e-006	1.47e-010	5.01e-010	1.23e-007	1.62e-008	-1.14e-008
189	116	-5.66e-006	-1.57e-010	-5.50e-010	-1.22e-007	-1.75e-008	-1.24e-008
	120	5.66e-006	1.57e-010	5.50e-010	1.22e-007	1.28e-008	-8.37e-009
190	112	-6.86e-006	-2.78e-010	-1.12e-009	-1.22e-007	3.97e-008	-9.51e-009
	116	6.86e-006	2.78e-010	1.12e-009	1.22e-007	1.59e-008	1.81e-008
191	107	-6.14e-006	-3.43e-010	-1.25e-009	-9.92e-008	1.07e-008	-2.13e-008
	112	6.14e-006	3.43e-010	1.25e-009	9.92e-008	5.05e-008	8.88e-009
192	103	-8.28e-006	-2.00e-010	-7.74e-010	-1.07e-007	1.92e-008	-3.18e-008
	107	8.28e-006	2.00e-010	7.74e-010	1.07e-007	1.87e-008	2.28e-008
193	99	-1.00e-005	-1.61e-010	-8.12e-010	-1.12e-007	2.33e-008	-4.40e-008
	103	1.00e-005	1.61e-010	8.12e-010	1.12e-007	1.61e-008	3.69e-008
194	62	-1.32e-005	4.96e-010	-1.24e-009	-1.21e-007	4.56e-008	-3.18e-008
	99	1.32e-005	-4.96e-010	1.24e-009	1.21e-007	1.34e-008	5.36e-008
195	622	-1.12e-005	-7.73e-010	-1.07e-009	-7.17e-008	1.37e-008	-6.83e-008
	62	1.12e-005	7.73e-010	1.07e-009	7.17e-008	4.54e-008	3.31e-008
196	620	-1.31e-005	-3.66e-010	-7.86e-010	-8.89e-008	2.57e-008	-8.55e-008
	622	1.31e-005	3.66e-010	7.86e-010	8.89e-008	1.22e-008	6.85e-008
197	618	-1.40e-005	-2.28e-010	-7.14e-010	-1.00e-007	3.09e-008	-1.05e-007
	620	1.40e-005	2.28e-010	7.14e-010	1.00e-007	-6.49e-009	9.45e-008
198	288	-1.75e-005	8.00e-010	-1.57e-009	-1.06e-007	5.05e-008	-8.01e-008
	618	1.75e-005	-8.00e-010	1.57e-009	1.06e-007	-2.59e-008	1.17e-007
199	354	-1.61e-005	2.47e-010	2.06e-009	-5.20e-008	2.53e-008	-5.83e-008
	288	1.61e-005	-2.47e-010	-2.06e-009	5.20e-008	-6.28e-008	6.71e-008
200	352	-2.08e-005	7.87e-010	3.68e-010	-6.06e-008	-1.99e-008	-6.54e-009
	354	2.08e-005	-7.87e-010	-3.68e-010	6.06e-008	-1.38e-008	3.69e-008
201	200	-2.43e-005	4.95e-010	1.67e-010	-6.52e-008	-2.74e-008	3.92e-008
	352	2.43e-005	-4.95e-010	-1.67e-010	6.52e-008	2.71e-008	-1.16e-008
202	280	-2.66e-005	3.17e-010	-2.82e-009	-7.04e-008	5.46e-008	4.88e-008
	200	2.66e-005	-3.17e-010	2.82e-009	7.04e-008	6.44e-008	-4.15e-008
203	278	-2.64e-005	-4.75e-010	-1.07e-009	-5.65e-008	-4.06e-008	2.20e-008
	280	2.64e-005	4.75e-010	1.07e-009	5.65e-008	1.24e-008	-4.21e-008
204	276	-3.24e-005	-4.98e-010	-1.69e-009	-5.53e-008	9.74e-009	-8.82e-009
	278	3.24e-005	4.98e-010	1.69e-009	5.53e-008	7.37e-008	-1.54e-008

205	175	-4.37e-005	-7.38e-010	5.38e-009	-6.76e-008	-2.12e-007	-4.21e-008
	276	4.37e-005	7.38e-010	-5.38e-009	6.76e-008	2.54e-008	1.53e-008
220	14	26204.31	1324.56	934.69	0.00	-9346.95	13245.56
	192	-26204.31	-1324.56	-934.69	0.00	0.00	0.00
221	11	-28405.90	1627.94	-1003.70	0.00	10037.01	16279.38
	191	28405.90	-1627.94	1003.70	0.00	0.00	0.00
222	4	21667.45	2273.18	872.82	0.00	-8728.24	22731.76
	695	-21667.45	-2273.18	-872.82	0.00	0.00	0.00
223	1	-19413.29	2700.84	1175.79	0.00	-11757.92	27008.39
	694	19413.29	-2700.84	-1175.79	0.00	0.00	0.00
228	20	-358.84	-99.25	88.62	1448.49	-2368.14	1782.84
	138	358.84	99.25	-88.62	-1448.49	-1974.63	-2940.54
229	137	-392.76	-37.62	-48.08	-733.49	78.96	399.15
	20	392.76	37.62	48.08	733.49	2270.56	-1483.45
230	10	-178.98	-46.58	39.83	1120.45	-1706.68	-1410.87
	135	178.98	46.58	-39.83	-1120.45	-301.27	-819.40
231	134	199.62	-110.12	-180.42	-1350.29	7711.75	-2883.01
	10	-199.62	110.12	180.42	1350.29	1595.88	-2321.16
232	131	583.16	126.91	-19.21	2161.20	-7820.15	-3130.14
	40	-583.16	-126.91	19.21	-2161.20	8042.86	1443.47
233	53	386.15	-158.60	-22.90	2998.63	4328.14	-519.30
	142	-386.15	158.60	22.90	-2998.63	-4560.11	-3550.01
234	33	529.30	139.61	-47.78	1270.31	-1992.25	572.56
	131	-529.30	-139.61	47.78	-1270.31	3417.63	3692.96
235	25	-433.64	-124.20	-16.65	723.80	-658.98	-578.39
	138	433.64	124.20	16.65	-723.80	1144.61	-3212.97
236	5	-1504.59	144.76	38.59	1246.76	8874.48	1661.50
	134	1504.59	-144.76	-38.59	-1246.76	-9922.37	-5333.09
237	160	977.65	-137.25	-12.96	1770.40	-3415.69	-1753.86
	142	-977.65	137.25	12.96	-1770.40	3572.11	5065.40
370	147	-495.47	-1309.49	423.28	2003.15	13013.22	-59100.08
	150	495.47	1309.49	-423.28	-2003.15	-36297.25	-58754.28
372	139	437.65	-392.34	671.73	-2651.00	-25701.28	-16871.95
	132	-437.65	392.34	-671.73	2651.00	-32145.09	-16872.41

Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
1	53	-0.24	-0.41	0.85	-222.98	334.25	-176.30
	51	-0.24	1.57	0.82	-347.16	448.12	-220.57
	708	0.34	-0.41	0.58	-279.68	677.71	-152.55
2	708	1.11	-2.12	0.12	-656.70	589.91	-228.99
	52	1.11	10.17	-0.94	-456.20	1029.43	-242.88
	139	1.71	-0.98	-1.76	-639.79	1098.41	-105.43
3	132	-2.69	-3.00	0.87	-342.51	-1262.07	-748.03
	42	-2.69	-9.43	-3.62	-423.42	-757.89	-917.53
	709	-1.01	-3.00	1.26	-390.42	155.39	-584.22
4	3	-4.62	-37.25	-4.75	276.34	-1295.09	-391.99
	705	-4.62	10.10	6.55e-002	370.24	-511.71	-368.68
	150	-7.25	6.25	-6.79	367.32	-1561.20	-160.47
5	164	9.30	31.59	-12.33	-203.79	-333.75	336.28
	147	9.30	-7.42	-2.20	-216.77	-500.36	299.09
	704	3.29	-7.42	3.63	-227.87	-140.30	270.45
6	27	2.53	-0.63	-1.55	-212.59	-66.34	-72.59
	146	2.53	0.12	0.54	-312.89	19.63	-63.62
	697	1.86	0.12	0.48	-314.27	-90.62	-51.72
7	32	-2.50	0.59	1.45	-321.64	-94.33	-134.81
	143	-2.50	-0.11	-0.53	-301.30	23.92	-123.22

	696	-1.87	-0.11	-0.47	-301.90	-128.66	-105.19
8	46	-3.45	-0.67	2.20	151.67	-476.82	-38.67
	133	-3.45	-2.40	-2.63	106.35	-120.82	-69.33
	45	-3.32	-0.72	2.40	133.77	-233.04	119.89
9	677	-4.66	-1.52	2.25	294.57	-28.49	-94.82
	71	-4.66	1.32	2.29	-22.53	17.91	-127.12
	680	-4.71	-0.55	1.39	164.47	-17.87	-101.39
10	72	-3.50	-0.99	1.75	196.29	-38.85	-47.82
	82	-3.50	0.60	2.34	127.04	-133.81	36.73
	79	-4.39	-0.67	1.26	243.22	29.85	-105.74
66	709	-1.29	-0.34	0.82	478.56	462.44	619.15
	40	-1.29	0.41	0.93	506.98	356.14	502.48
	37	-1.76	0.41	-0.76	354.18	252.50	349.62
67	42	-0.36	-1.68	0.44	-107.40	-249.38	572.91
	37	-0.36	0.51	0.53	-434.47	-148.20	421.36
	709	-0.58	-0.99	-0.74	-364.51	-403.66	694.24
68	51	0.28	-0.46	0.74	255.52	-401.11	327.50
	52	0.28	1.46	0.44	28.96	-309.73	340.81
	708	-0.92	0.84	-0.56	119.03	-485.47	438.82
69	5	3.53	0.66	-1.23	-557.85	-153.18	232.51
	705	3.53	-0.88	1.95	-766.53	-213.86	289.08
	2	-5.44	0.66	-0.83	-510.64	221.04	168.08
70	704	1.66	-2.86	-0.80	325.13	222.10	176.12
	155	1.66	3.68	2.79	202.34	262.36	184.79
	160	-1.76	-1.23	-1.21	275.97	252.67	119.33
71	164	4.39	2.56	-3.05	-235.00	-153.65	198.04
	704	4.39	2.06	1.38	-276.39	-244.05	211.24
	155	-3.32	2.41	-1.67	-240.39	-219.97	-190.15
72	2	-1.35	2.75	-2.73	-202.34	-69.81	-452.35
	705	-1.35	-4.78	1.37	-576.85	285.98	-406.90
	3	-6.70	-0.52	1.53	-327.56	325.51	-229.72
73	697	-0.54	-0.90	-1.04	297.90	270.83	-129.19
	24	-0.54	4.87	1.34	130.14	129.21	-155.86
	25	-2.70	0.92	-1.63	234.11	108.28	24.38
74	27	0.40	2.19	-0.60	-24.68	200.40	70.97
	24	0.40	-1.37	-0.42	82.14	195.32	54.17
	697	-0.25	1.48	1.66	81.61	316.39	76.46
75	31	-0.45	1.25	0.42	-234.92	-241.50	188.35
	32	-0.45	-2.16	-0.54	25.39	-296.90	158.87
	696	0.44	-1.49	1.67	-108.48	-304.08	105.12
76	31	0.59	-5.12	1.29	117.59	-346.78	-164.17
	696	0.59	0.84	-1.07	-276.81	-249.06	-141.25
	33	2.71	-1.13	-1.69	-216.72	-322.27	65.06
238	686	-0.55	-4.09e-002	0.55	157.71	607.58	392.81
	685	-0.55	-0.11	0.50	651.10	1331.90	300.40
	664	-0.82	-0.11	0.34	1019.13	291.61	646.54
	675	-0.82	-4.09e-002	0.38	-394.97	-37.29	738.84
239	641	-6.89e-002	-7.73e-002	2.47e-002	325.84	390.88	-282.35
	638	-6.89e-002	-0.18	-7.19e-002	1624.09	453.05	-703.78
	685	-0.55	-0.18	0.27	913.95	1165.22	-269.75
	686	-0.55	-7.73e-002	0.31	137.21	451.89	159.17
240	684	-3.70e-002	1.67e-002	0.62	213.15	-231.59	568.88
	686	-3.70e-002	-4.09e-002	0.60	-108.65	125.25	560.47
	675	-0.13	-4.09e-002	0.39	429.59	121.75	744.86
	673	-0.13	1.67e-002	0.40	-247.35	-132.43	753.30
241	640	2.81e-002	3.14e-002	3.48e-002	-410.38	-264.04	-273.13
	641	2.81e-002	-7.73e-002	3.65e-002	564.99	134.44	-256.91
	686	-3.70e-002	-7.73e-002	0.37	265.17	264.95	243.79

	684	-3.70e-002	3.14e-002	0.36	-112.21	-419.01	228.20
242	644	0.51	-0.11	0.58	-557.13	-1526.01	296.55
	684	0.51	1.67e-002	0.59	132.58	-751.19	374.53
	673	0.66	1.67e-002	0.42	614.62	32.60	746.42
	661	0.66	-0.11	0.41	-972.81	-325.63	668.80
243	637	0.12	0.17	6.07e-002	-1579.75	-646.48	-774.76
	640	0.12	3.14e-002	2.14e-002	-181.52	-593.92	-318.62
	684	0.51	3.14e-002	0.33	135.84	-621.74	140.39
	644	0.51	0.17	0.31	-830.43	-1379.14	-324.15
244	682	0.12	-0.13	5.49e-002	754.43	-376.19	-70.24
	689	0.12	-0.21	5.51e-002	1520.10	-791.47	-137.22
	638	-6.89e-002	-0.21	-5.85e-002	1299.85	-351.95	-566.15
	641	-6.89e-002	-0.13	-4.87e-002	806.97	-130.59	-499.57
245	635	-0.11	-0.12	0.18	733.65	-115.63	499.87
	632	-0.11	-0.22	0.17	1224.37	-387.69	613.04
	689	0.12	-0.22	6.63e-002	1493.33	-761.48	153.47
	682	0.12	-0.12	6.48e-002	754.16	-345.92	43.51
246	643	2.98e-002	6.96e-002	5.55e-002	-384.46	181.87	-140.16
	682	2.98e-002	-0.13	5.98e-002	466.27	-269.36	-119.03
	641	2.81e-002	-0.13	-4.69e-002	270.96	103.63	-370.64
	640	2.81e-002	6.96e-002	-4.98e-002	-139.64	-137.83	-392.29
247	634	1.72e-002	6.93e-002	0.15	-212.35	91.36	358.36
	635	1.72e-002	-0.12	0.15	221.96	-78.08	379.15
	682	2.98e-002	-0.12	7.00e-002	434.54	-236.85	66.85
	643	2.98e-002	6.93e-002	7.50e-002	-371.08	196.17	48.23
248	691	-4.27e-002	0.19	6.11e-002	-1450.97	714.59	-176.25
	643	-4.27e-002	6.96e-002	5.09e-002	-686.65	297.60	-95.38
	640	0.12	6.96e-002	-5.94e-002	-690.17	-118.48	-544.10
	637	0.12	0.19	-5.70e-002	-1242.52	219.29	-624.95
249	631	0.15	0.17	0.15	-1167.04	411.65	554.28
	634	0.15	6.93e-002	0.18	-708.42	150.17	458.93
	643	-4.27e-002	6.93e-002	7.01e-002	-680.95	296.48	26.18
	691	-4.27e-002	0.17	5.07e-002	-1438.42	710.06	110.33
250	693	-0.61	-7.27e-002	-0.27	134.22	425.77	94.74
	687	-0.61	-0.17	-0.25	868.64	966.76	457.61
	632	-0.11	-0.17	0.15	1496.48	337.24	742.49
	635	-0.11	-7.27e-002	0.11	296.11	365.33	375.78
251	671	-0.97	-3.74e-002	-0.43	-360.51	-52.16	-367.96
	652	-0.97	-0.11	-0.34	1044.41	244.39	-309.94
	687	-0.61	-0.11	-0.47	688.14	1100.23	-50.00
	693	-0.61	-3.74e-002	-0.56	122.16	540.90	-94.82
252	692	-1.41e-002	3.76e-002	-0.30	-191.75	-197.63	40.06
	693	-1.41e-002	-7.27e-002	-0.31	159.32	285.77	47.63
	635	1.72e-002	-7.27e-002	8.39e-002	455.17	156.28	326.68
	634	1.72e-002	3.76e-002	9.11e-002	-460.56	-119.34	312.68
253	669	-4.02e-002	1.82e-002	-0.42	-431.03	-115.23	-353.68
	671	-4.02e-002	-3.74e-002	-0.42	399.67	113.11	-360.79
	693	-1.41e-002	-3.74e-002	-0.60	86.34	144.09	-234.09
	692	-1.41e-002	1.82e-002	-0.60	-92.77	-93.22	-226.95
254	683	0.57	0.13	-0.31	-835.87	-823.39	415.29
	692	0.57	3.76e-002	-0.28	-164.36	-323.03	84.77
	634	0.15	3.76e-002	0.12	-303.80	-265.29	341.49
	631	0.15	0.13	0.11	-1423.01	-232.57	676.23
255	649	0.90	8.38e-002	-0.37	-1007.49	-223.82	-280.34
	669	0.90	1.82e-002	-0.43	324.57	54.39	-352.92
	692	0.57	1.82e-002	-0.57	-152.85	-455.69	-105.65
	683	0.57	8.38e-002	-0.52	-668.00	-950.57	-46.09
256	690	-0.10	0.10	8.47e-002	-1710.57	1235.37	150.98
	691	-0.10	0.19	6.12e-002	-1689.13	981.52	-190.11
	637	7.34e-002	0.19	-3.21e-002	-2073.88	184.34	-535.67

	639	7.34e-002	0.10	-9.19e-002	-2228.18	400.97	-231.32
257	633	5.94e-002	5.15e-002	0.20	-1802.39	556.17	375.19
	631	5.94e-002	0.17	0.12	-1780.15	416.46	478.80
	691	-0.10	0.17	4.85e-002	-1604.10	918.99	190.99
	690	-0.10	5.15e-002	0.11	-1663.05	1179.69	113.91
258	91	-5.06e-002	-0.50	0.16	-196.09	1188.92	321.31
	690	-5.06e-002	0.10	0.14	-1487.61	1316.22	101.57
	639	0.14	0.10	0.23	-2096.34	491.96	212.00
	95	0.14	-0.50	0.27	-363.55	390.92	478.02
259	87	0.22	-0.61	-0.10	-239.51	548.80	132.32
	633	0.22	5.15e-002	-8.66e-002	-1666.35	612.78	128.85
	690	-5.06e-002	5.15e-002	0.16	-1386.63	1252.67	305.35
	91	-5.06e-002	-0.61	-0.10	-194.14	1044.21	224.18
260	688	8.46e-002	-4.72e-002	0.11	1504.47	-1386.21	110.24
	626	8.46e-002	0.75	0.13	209.44	-1255.14	254.37
	680	-7.35e-002	0.75	0.28	369.86	-497.96	398.13
	642	-7.35e-002	-4.72e-002	0.26	2006.09	-588.94	174.84
261	636	-0.13	-4.15e-002	-0.13	1798.41	-614.25	120.45
	72	-0.13	0.76	-0.19	297.60	-542.08	157.88
	626	8.46e-002	0.76	-9.17e-002	206.44	-1172.36	178.62
	688	8.46e-002	-4.15e-002	0.10	1455.32	-1342.75	273.14
262	689	0.15	-0.21	4.99e-002	1725.03	-1038.46	-160.92
	688	0.15	-4.72e-002	7.82e-002	1747.89	-1303.68	137.91
	642	-4.80e-002	-4.72e-002	-8.49e-002	2161.48	-507.07	-233.65
	638	-4.80e-002	-0.21	-3.35e-002	2063.07	-324.33	-483.78
263	632	-4.27e-002	-0.22	0.12	1897.81	-383.30	533.49
	636	-4.27e-002	-4.15e-002	0.14	1946.64	-546.42	386.75
	688	0.15	-4.15e-002	6.78e-002	1716.38	-1261.09	111.42
	689	0.15	-0.22	6.26e-002	1686.58	-993.25	223.39
264	4	-0.20	-0.29	0.30	3549.93	2684.02	113.86
	79	-0.20	-0.29	-0.17	-653.54	1652.88	-151.29
	72	-0.13	-0.29	-0.14	471.66	204.76	118.99
	636	-0.13	-0.29	0.16	1984.94	-1045.73	220.82
265	651	-1.27	-0.40	-0.54	3011.01	-188.73	570.02
	655	-1.27	-0.33	-2.85e-002	228.94	274.19	417.08
	79	-0.20	-0.33	-0.16	-693.84	1856.98	141.57
	4	-0.20	-0.40	-0.48	3706.31	3138.18	277.79
266	687	-1.43	-0.17	-0.23	628.41	1517.77	576.98
	4	-1.43	-0.29	8.71e-002	4299.07	2746.93	310.83
	636	-4.27e-002	-0.29	0.32	2328.85	-1080.48	311.91
	632	-4.27e-002	-0.17	9.40e-002	1924.61	197.02	570.51
267	652	-1.80	-0.11	-0.30	1246.31	343.94	-255.87
	651	-1.80	-0.40	-0.52	3555.87	-351.92	-133.31
	4	-1.43	-0.40	-0.63	4437.26	3259.84	275.12
	687	-1.43	-0.11	-0.41	556.67	1488.07	149.04
268	14	-0.45	-0.46	0.28	4500.13	3840.22	-100.96
	677	-0.45	-0.30	-0.18	-861.74	2206.49	74.65
	667	-1.27	-0.30	1.34e-002	257.28	327.58	-381.58
	663	-1.27	-0.46	0.33	3508.88	-260.13	-466.74
269	642	-7.35e-002	0.30	0.22	2271.94	-1180.97	91.66
	680	-7.35e-002	-0.36	0.21	591.25	310.34	261.03
	677	-0.45	-0.36	-0.18	-821.30	1972.19	359.74
	14	-0.45	0.30	-0.26	4337.91	3278.54	118.54
270	685	-1.09	-0.11	0.46	509.48	1795.67	82.90
	14	-1.09	-0.46	0.48	4974.92	3902.64	-81.61
	663	-1.73	-0.46	0.30	3985.69	-361.00	406.96
	664	-1.73	-0.11	0.28	1264.41	429.52	562.93
271	638	-4.80e-002	-0.18	-2.82e-002	2119.55	313.12	-464.21
	642	-4.80e-002	0.30	-0.17	2615.56	-1165.16	-203.07
	14	-1.09	0.30	0.12	4841.81	3309.03	-166.65

	685	-1.09	-0.18	0.26	589.49	1816.56	-439.66
272	1	1.49	0.29	0.11	-3943.16	-2358.03	293.77
	683	1.49	0.13	-0.32	-628.10	-1319.76	544.80
	631	5.94e-002	0.13	7.06e-002	-1795.41	-123.78	523.09
	633	5.94e-002	0.29	0.44	-2141.26	1015.37	280.43
273	645	1.57	0.52	-0.59	-3279.39	365.78	-90.57
	649	1.57	8.38e-002	-0.33	-1132.24	-299.05	-223.67
	683	1.49	8.38e-002	-0.52	-532.37	-1319.39	147.29
	1	1.49	0.52	-0.76	-4091.49	-2971.11	287.58
274	83	-0.14	0.30	-0.19	485.13	-1462.98	-157.57
	1	-0.14	0.29	0.47	-3099.79	-2295.16	95.49
	633	0.22	0.29	0.29	-1815.20	961.47	219.76
	87	0.22	0.30	-0.14	-399.00	-139.15	117.53
275	648	1.04	0.39	-2.43e-002	-207.30	-222.65	399.93
	645	1.04	0.52	-0.59	-2747.73	183.33	552.89
	1	-0.14	0.52	-0.42	-3293.81	-2808.14	248.40
	83	-0.14	0.39	0.23	566.75	-1550.62	118.88
276	11	1.17	0.53	0.58	-5368.30	-4321.43	-99.76
	644	1.17	-0.11	0.55	-403.48	-2032.81	63.27
	661	1.69	-0.11	0.35	-1243.02	-466.60	576.10
	657	1.69	0.53	0.38	-4296.43	411.82	421.10
277	639	7.34e-002	-0.33	-0.21	-2734.70	1116.53	-200.46
	637	7.34e-002	0.17	1.62e-002	-2151.04	-481.71	-514.19
	644	1.17	0.17	0.31	-498.35	-2087.97	-506.17
	11	1.17	-0.33	0.10	-5207.77	-3685.89	-180.56
278	629	0.32	0.54	-0.20	850.45	-2294.75	81.76
	11	0.32	0.53	0.34	-4835.77	-4219.79	-81.14
	657	1.23	0.53	0.39	-3830.14	300.04	-533.37
	658	1.23	0.54	-1.99e-002	-297.76	-339.11	-437.86
279	95	0.14	0.49	0.26	-615.46	-379.16	341.31
	639	0.14	-0.33	-0.17	-2409.13	1135.10	83.18
	11	0.32	-0.33	-0.29	-4607.54	-3664.15	143.38
	629	0.32	0.49	-0.22	778.63	-2340.75	451.76
280	630	-0.38	5.57	0.23	17.20	-49.67	-6.84
	660	-0.38	6.62	0.21	-104.89	-71.78	5.60
	76	-0.16	6.62	0.22	-48.28	-57.76	8.29
	75	-0.16	5.57	0.49	-10.01	-79.95	-9.83
281	629	0.54	6.13	0.32	71.71	460.36	42.69
	658	0.54	4.79	0.44	-52.20	424.17	1.40
	660	-0.38	4.79	0.22	-122.15	-37.17	-12.62
	630	-0.38	6.13	0.23	-23.55	-61.11	30.28
282	628	-0.17	4.20	0.34	78.95	-7.71	-12.09
	630	-0.17	5.57	0.25	12.31	-36.90	-7.67
	75	0.49	5.57	0.40	19.94	-81.70	-16.38
	80	0.49	4.20	0.26	60.86	-96.33	-16.89
283	95	0.49	4.54	-0.99	-83.96	210.48	-62.91
	629	0.49	6.13	-0.18	83.53	415.44	-22.62
	630	-0.17	6.13	0.26	37.63	-33.93	30.05
	628	-0.17	4.54	-0.91	59.21	88.25	-14.79
284	94	0.33	3.01	-0.67	38.78	-4.86	-21.00
	628	0.33	4.20	-0.51	32.31	-7.92	-12.99
	80	0.64	4.20	0.34	55.56	-83.41	-18.85
	92	0.64	3.01	0.47	56.30	-81.40	-30.20
285	91	-0.50	2.66	-0.33	-26.72	114.45	-49.23
	95	-0.50	4.54	-0.86	71.62	185.44	-38.75
	628	0.33	4.54	-1.11	51.21	69.29	-13.39
	94	0.33	2.66	-0.60	21.20	84.55	-21.11
286	90	0.37	3.47	0.43	5.97	-5.01	-37.79
	94	0.37	3.01	0.49	28.88	-6.37	-27.69
	92	0.57	3.01	-0.62	43.64	-84.62	-25.43

	96	0.57	3.47	-0.57	19.76	-89.30	-33.63
287	87	-0.61	3.39	0.47	44.35	162.93	-19.25
	91	-0.61	2.66	0.21	-17.91	116.83	-21.52
	94	0.37	2.66	0.42	22.45	73.01	-33.98
	90	0.37	3.39	0.47	22.84	60.19	-31.01
288	86	-0.10	4.13	0.20	-31.95	-12.75	-20.03
	90	-0.10	3.47	0.35	24.55	-5.13	-33.30
	96	0.34	3.47	-0.52	6.12	-104.88	-28.56
	84	0.34	4.13	-0.39	-43.14	-104.51	-17.22
289	83	0.30	4.06	0.16	46.02	310.61	-11.85
	87	0.30	3.39	0.55	-70.38	176.35	18.78
	90	-0.10	3.39	0.47	21.17	71.03	-23.96
	86	-0.10	4.06	0.22	-11.13	-13.31	-36.81
290	646	-0.28	4.45	0.23	-109.47	-29.50	-8.61
	86	-0.28	4.13	0.13	-35.79	-19.17	-14.30
	84	0.10	4.13	-0.14	-89.42	-106.10	-15.40
	88	0.10	4.45	7.80e-002	-110.35	-98.49	-12.60
291	648	0.39	2.77	-0.25	-66.05	304.26	-6.24
	83	0.39	4.06	-0.20	50.82	335.31	-42.51
	86	-0.28	4.06	0.19	-45.74	-29.97	-30.23
	646	-0.28	2.77	0.13	-114.81	-11.90	9.55
292	82	0.36	-4.25	0.34	6.29	18.93	-28.83
	656	0.36	-4.69	0.40	58.36	14.68	-12.35
	125	-0.18	-4.69	0.36	89.62	125.62	-13.68
	129	-0.18	-4.25	0.28	9.42	113.81	-28.52
293	79	-0.33	-5.17	-0.23	-70.78	-296.36	-29.56
	655	-0.33	-3.14	-0.18	62.44	-310.59	-29.07
	656	0.36	-3.14	0.24	37.08	-13.26	-20.83
	82	0.36	-4.76	0.41	-46.04	-13.38	-95.11
294	78	-7.58e-002	-3.59	0.59	-43.77	-10.60	-30.52
	82	-7.58e-002	-4.25	0.34	-17.52	21.59	-45.06
	129	-0.34	-4.25	0.29	-20.62	93.16	-35.63
	133	-0.34	-3.59	0.72	-73.05	94.63	-24.41
295	626	0.76	-2.94	0.25	17.77	-117.12	-18.25
	72	0.76	-4.15	0.68	-63.98	-164.99	-16.70
	82	-7.58e-002	-4.19	0.90	-43.88	-86.91	-30.97
	78	-7.58e-002	-2.94	0.41	-25.04	-77.22	-35.80
296	71	-7.17e-002	-4.69	-0.48	-45.04	26.61	18.75
	78	-7.17e-002	-3.59	-0.72	-47.93	9.50	-16.24
	133	-0.39	-3.59	0.71	-79.44	91.54	-28.61
	140	-0.39	-4.69	-0.34	-49.87	85.36	-20.07
297	680	0.75	-4.85	-0.82	-74.10	-162.93	-30.66
	626	0.75	-2.94	-0.31	21.09	-112.91	-41.94
	78	-7.17e-002	-2.94	-0.55	-24.08	-85.26	-14.49
	71	-7.17e-002	-4.95	-1.15	-70.31	-94.91	-12.76
298	668	0.41	-6.05	-0.29	26.86	49.23	7.51
	71	0.41	-4.69	-0.37	-46.20	31.97	12.49
	140	-0.21	-4.69	-0.21	-51.30	97.79	-16.93
	144	-0.21	-6.05	0.13	31.67	93.67	8.64
299	667	-0.30	-4.44	0.31	56.96	-359.89	31.14
	677	-0.30	-6.27	0.27	-92.17	-330.37	18.60
	71	0.41	-5.84	-0.42	-86.04	-11.91	93.76
	668	0.41	-4.44	0.20	14.49	-4.90	18.59
300	676	0.50	-1.11	1.62	-27.48	-9.06	-7.18
	666	0.50	-3.62	1.36	-9.19	-6.81	6.69
	165	0.25	-3.62	0.70	-15.14	18.51	16.50
	161	0.25	-1.11	0.96	-7.38	12.32	13.74
301	675	-0.82	-1.37	1.06	74.50	-47.21	71.14
	664	-0.82	-4.82	1.23	-62.07	-120.53	58.11
	666	0.50	-4.82	2.01	-32.66	-30.53	9.92

	676	0.50	-1.37	1.84	9.12	-32.32	23.07
302	674	-1.92e-002	1.77	1.95	-9.66	4.26	7.83
	676	-1.92e-002	-1.11	1.90	17.50	-7.48	8.24
	161	2.34e-002	-1.11	1.05	-3.38	11.92	12.51
	156	2.34e-002	1.77	1.09	15.68	-22.15	11.16
303	673	-0.13	1.83	1.02	69.98	40.49	71.55
	675	-0.13	-1.37	0.97	-65.09	-26.07	72.04
	676	-1.92e-002	-1.37	2.12	-16.45	-4.86	22.18
	674	-1.92e-002	1.83	2.18	22.62	10.59	21.60
304	662	-0.57	4.35	1.53	11.73	-7.30	-5.91
	674	-0.57	1.77	1.77	37.24	6.33	-8.30
	156	-0.26	1.77	1.04	17.71	-29.98	11.23
	152	-0.26	4.35	0.81	27.56	-39.70	10.09
305	661	0.66	5.45	1.41	76.14	142.78	57.19
	673	0.66	1.83	1.14	-79.16	62.78	72.10
	674	-0.57	1.83	2.00	-3.71	41.03	20.08
	662	-0.57	5.45	2.27	41.44	38.77	5.63
306	672	0.14	-0.31	2.37	16.28	13.98	39.95
	654	0.14	-1.72	1.86	-22.40	16.32	32.38
	117	-0.37	-1.72	1.16	-27.88	-22.71	29.29
	113	-0.37	-0.31	1.66	-16.26	-12.46	37.50
307	671	-0.97	-1.17	1.32	-84.98	54.07	-27.32
	652	-0.97	-3.59	1.24	64.89	120.92	-20.02
	654	0.14	-3.59	2.27	-14.94	30.75	24.01
	672	0.14	-1.17	2.35	-13.08	35.66	19.96
308	670	4.15e-002	0.24	2.51	12.41	6.56	42.81
	672	4.15e-002	-0.31	2.49	-21.12	11.55	39.71
	113	6.48e-002	-0.31	2.88	-12.99	7.92	40.97
	108	6.48e-002	0.24	2.90	-19.28	14.89	43.71
309	669	-4.02e-002	0.99	1.26	-68.43	-22.53	-24.73
	671	-4.02e-002	-1.17	1.26	68.01	35.40	-26.70
	672	4.15e-002	-1.17	2.47	10.53	9.62	22.76
	670	4.15e-002	0.99	2.47	-15.97	-4.98	24.14
310	650	-0.15	1.50	1.88	15.46	-11.75	43.46
	670	-0.15	0.24	2.39	-25.99	-8.16	45.33
	108	0.49	0.24	1.71	14.92	22.28	42.65
	104	0.49	1.50	1.20	28.87	34.89	39.59
311	649	0.90	3.27	1.23	-68.01	-113.02	-13.15
	669	0.90	0.99	1.32	87.65	-41.37	-25.32
	670	-0.15	0.99	2.36	7.78	-30.56	23.84
	650	-0.15	3.27	2.27	-21.73	-25.44	33.23
312	665	0.82	-5.01	-0.45	-16.33	21.87	10.17
	668	0.82	-6.05	-0.37	108.71	52.57	7.50
	144	0.21	-6.05	8.19e-002	38.44	23.73	10.96
	17	0.21	-5.01	0.17	31.55	30.71	25.84
313	663	-1.27	-6.77	-0.53	-12.62	-305.51	-48.66
	667	-1.27	-4.44	-0.87	77.31	-157.26	-33.28
	668	0.82	-4.44	-0.82	93.72	-45.57	8.81
	665	0.82	-6.77	-0.50	24.76	52.96	-8.68
314	666	0.77	-3.62	0.66	-43.20	-6.80	7.06
	665	0.77	-5.01	0.23	-15.27	10.88	15.69
	17	0.23	-5.01	0.18	-18.68	31.50	27.35
	165	0.23	-3.62	0.58	-19.13	25.56	18.18
315	664	-1.73	-4.82	1.34	82.92	-152.27	60.43
	663	-1.73	-6.77	0.14	-51.13	-297.25	37.93
	665	0.77	-6.77	0.20	-20.79	44.34	-6.67
	666	0.77	-4.82	1.30	-20.71	-43.33	16.95
316	659	-0.83	5.73	0.46	20.64	-11.44	9.74
	662	-0.83	4.35	0.85	55.69	8.18	-5.31
	152	-0.26	4.35	0.74	26.80	-49.06	9.48

	148	-0.26	5.73	0.35	21.77	-53.02	19.46
317	657	1.69	7.46	0.29	69.42	341.36	35.87
	661	1.69	5.45	1.53	-89.34	178.10	61.17
	662	-0.83	5.45	1.59	29.57	53.66	11.81
	659	-0.83	7.46	0.36	29.00	-44.43	-14.41
318	660	-0.79	6.62	0.14	-92.60	-53.94	4.70
	659	-0.79	5.73	0.18	22.03	-21.56	4.69
	148	-0.23	5.73	0.33	22.79	-53.26	18.85
	76	-0.23	6.62	0.28	-43.48	-39.97	11.96
319	658	1.23	4.79	-1.00	-70.71	217.48	-45.73
	657	1.23	7.46	-0.43	21.14	352.89	-56.98
	659	-0.79	7.46	0.23	16.03	-54.58	-12.71
	660	-0.79	4.79	-0.73	-82.82	27.47	3.60
320	653	0.47	-3.14	-0.68	-30.55	13.82	17.15
	656	0.47	-4.69	-0.41	-138.73	-64.45	14.92
	125	0.15	-4.69	-0.58	-98.75	41.93	-14.47
	121	0.15	-3.14	-0.85	-80.02	-24.01	16.33
321	651	-1.27	-5.11	-0.50	-14.34	271.30	58.53
	655	-1.27	-3.14	-0.72	-60.79	124.71	34.75
	656	0.47	-3.14	-0.67	-98.55	75.43	-6.12
	653	0.47	-5.11	-0.46	-47.21	-32.15	27.77
322	654	0.39	-1.72	1.08	-21.08	17.68	27.79
	653	0.39	-3.14	7.88e-002	-31.51	19.79	12.35
	121	-7.68e-002	-3.14	-0.64	-53.24	-29.45	12.40
	117	-7.68e-002	-1.72	0.46	-33.62	-29.54	26.69
323	652	-1.80	-3.59	1.30	-96.72	146.83	-22.95
	651	-1.80	-5.11	6.21e-002	51.75	266.67	-11.55
	653	0.39	-5.11	0.25	-24.56	-30.37	25.72
	654	0.39	-3.59	1.49	-13.00	44.08	14.73
324	647	-0.34	2.93	0.19	22.62	-18.05	25.35
	650	-0.34	1.50	1.15	-29.87	-14.29	39.86
	104	0.15	1.50	0.52	29.19	43.36	41.15
	100	0.15	2.93	-0.45	42.16	42.22	26.83
325	645	1.57	4.66	0.14	-70.82	-260.49	-6.32
	649	1.57	3.27	1.28	85.25	-142.73	-14.59
	650	-0.34	3.27	1.54	17.31	-38.14	25.60
	647	-0.34	4.66	0.41	17.31	30.48	34.22
326	646	-0.35	4.45	-0.19	111.12	37.58	14.90
	647	-0.35	2.93	-0.38	24.28	-14.08	25.96
	100	-0.10	2.93	-0.58	67.73	40.09	29.50
	88	-0.10	4.45	-0.38	105.65	-12.53	19.19
327	648	1.04	2.77	-0.70	41.11	-156.47	37.82
	645	1.04	4.66	-0.37	9.95	-267.33	58.05
	647	-0.35	4.66	-0.19	27.61	31.29	30.54
	646	-0.35	2.77	-0.50	84.26	-46.39	10.99
328	51	0.28	-0.24	0.40	-172.95	303.10	218.56
	159	0.28	-0.90	-0.85	-306.39	-154.98	213.25
	142	-1.03	-0.90	0.44	-246.10	840.98	303.42
	53	-1.03	-0.24	1.46	-425.09	266.59	305.42
329	43	3.26e-002	-0.41	0.45	-118.77	-76.89	314.48
	154	3.26e-002	-0.87	0.24	-164.10	-86.03	292.02
	159	0.28	-0.87	-0.13	-241.03	-71.72	259.77
	51	0.28	-0.41	-0.14	-155.25	-51.91	282.62
330	128	-0.15	-0.44	0.39	-89.33	-42.80	319.18
	363	-0.15	-0.72	0.26	-63.65	-42.57	298.06
	154	3.26e-002	-0.72	0.26	-120.50	-89.22	307.46
	43	3.26e-002	-0.44	0.39	-111.21	-61.13	328.96
331	50	-3.32e-002	1.14	0.16	-31.75	-116.47	371.20
	43	-3.32e-002	-0.41	0.29	-99.87	-49.50	318.19
	51	0.28	-0.41	-0.56	-238.36	-63.07	312.15

	52	0.28	1.14	-0.29	-33.12	-108.32	366.49
332	362	7.94e-002	1.31	-0.12	-17.67	-79.43	339.39
	128	7.94e-002	-0.44	0.38	-59.93	-49.40	327.36
	43	-3.32e-002	-0.44	0.22	-78.26	-64.10	346.54
	50	-3.32e-002	1.31	0.15	-30.83	-87.63	359.14
333	36	8.30e-002	1.31	0.46	169.31	149.89	351.51
	41	8.30e-002	-1.62	0.13	73.14	250.39	432.27
	42	-0.36	-1.62	-0.43	93.67	290.81	528.30
	37	-0.36	1.31	-0.32	311.73	200.78	447.50
334	604	0.13	1.78	-0.21	106.15	189.70	322.90
	357	0.13	-1.90	-0.18	30.74	226.22	351.51
	41	8.30e-002	-1.90	0.19	31.57	253.43	392.92
	36	8.30e-002	1.78	-0.36	159.96	207.79	364.33
335	35	-0.32	1.93	-1.12	375.25	66.25	328.79
	37	-0.32	0.41	-0.65	326.92	194.41	418.56
	40	-1.56	0.41	-1.26	462.42	364.10	377.04
	131	-1.56	1.93	-0.78	545.27	568.68	288.67
336	34	7.95e-002	2.58	-0.28	231.36	172.26	301.59
	36	7.95e-002	1.31	-0.47	208.95	165.17	349.75
	37	-0.32	1.31	-0.53	305.87	150.98	378.38
	35	-0.32	2.58	-0.42	293.50	113.84	330.50
337	356	0.42	3.20	-0.10	198.52	233.07	313.57
	604	0.42	1.78	-0.24	112.63	203.54	330.31
	36	7.95e-002	1.78	-0.38	164.97	191.27	330.24
	34	7.95e-002	3.20	-0.23	206.54	162.93	313.43
338	31	0.23	0.18	-1.49	296.05	228.89	197.17
	35	0.23	1.93	0.58	342.51	-142.71	299.52
	131	-1.96	1.93	-1.07	727.92	587.82	314.58
	33	-1.96	0.18	-3.02	184.41	177.99	208.85
339	29	-0.48	-0.79	-1.45	236.47	76.76	255.45
	34	-0.48	2.58	-0.72	226.54	58.32	302.58
	35	0.23	2.58	-0.32	301.02	116.05	273.09
	31	0.23	-0.79	-1.01	247.93	122.75	227.75
340	579	-0.53	-0.53	-0.14	341.67	193.22	286.41
	356	-0.53	3.20	-0.12	171.82	130.98	302.26
	34	-0.48	3.20	-0.70	232.88	105.65	295.53
	29	-0.48	-0.53	-0.68	219.73	106.02	281.08
341	30	0.33	-3.21	-0.18	53.71	171.89	279.90
	29	0.33	-0.79	-1.35	181.53	109.09	271.58
	31	-0.45	-0.79	-0.78	166.90	123.58	185.02
	32	-0.45	-3.21	0.47	31.15	204.56	191.49
342	364	-1.54	-6.71	-1.56	342.96	164.30	386.42
	579	-1.54	-0.53	-0.35	332.47	211.22	292.38
	29	0.33	-0.53	-0.58	231.02	108.25	266.70
	30	0.33	-6.71	-1.80	84.08	176.12	372.75
343	23	-0.28	0.56	-1.06	-102.65	-76.07	77.52
	26	-0.28	2.81	-0.16	-44.55	-84.71	94.35
	27	0.40	2.81	0.48	-25.46	-131.58	68.46
	24	0.40	0.56	-0.48	-67.69	-95.40	58.54
344	516	1.12	0.40	-0.17	-308.09	-157.64	109.05
	365	1.12	5.34	-1.14	-189.68	235.39	132.45
	26	-0.28	5.34	-1.39	-72.09	-105.64	149.38
	23	-0.28	0.40	-0.42	-144.70	140.79	76.60
345	22	-0.27	-1.97	0.42	-71.10	88.01	117.01
	24	-0.27	-0.18	-1.26	-91.48	-208.83	83.76
	25	1.61	-0.18	-2.69	-62.24	-177.81	110.81
	138	1.61	-1.97	-1.07	-277.42	-477.36	163.37
346	21	0.34	-2.46	-0.56	-97.40	29.54	91.39
	23	0.34	0.56	-1.14	-127.40	-51.21	73.34
	24	-0.27	0.56	-0.71	-77.31	-92.35	81.14

	22	-0.27	-2.46	-0.17	-89.65	-129.09	89.89
347	361	0.41	-2.54	-0.10	-71.42	-74.34	101.94
	516	0.41	0.40	-0.13	-287.31	-147.41	96.62
	23	0.34	0.40	-0.50	-143.78	121.78	90.68
	21	0.34	-2.54	-0.55	-107.72	-107.71	91.61
348	18	-0.25	-0.15	-0.57	-44.54	-271.92	81.64
	22	-0.25	-1.97	-1.15	-58.55	-134.62	134.78
	138	0.96	-1.97	-1.22	-180.10	-463.61	187.96
	20	0.96	-0.15	1.68	207.02	-448.49	136.97
349	15	-0.19	-0.39	-0.37	-40.45	-129.26	92.03
	21	-0.19	-2.46	-0.30	-72.63	-148.50	78.20
	22	-0.25	-2.46	-0.77	-59.31	-114.10	107.25
	18	-0.25	-0.39	-0.51	-55.41	-208.48	120.16
350	491	-0.31	-0.59	-0.30	-45.31	-118.55	107.78
	361	-0.31	-2.54	-0.23	-67.20	-177.95	104.56
	21	-0.19	-2.54	-0.24	-73.34	-131.02	85.22
	15	-0.19	-0.59	-0.28	-33.62	-145.34	88.09
351	19	-0.18	-0.21	5.86e-002	53.14	-213.01	63.87
	18	-0.18	-0.15	0.20	-20.43	-247.15	115.50
	20	1.05	-0.15	0.69	118.00	-420.90	-31.84
	137	1.05	-0.21	0.74	16.92	-111.98	-76.32
352	16	-0.17	1.30	0.17	8.00	-154.65	90.70
	15	-0.17	-0.39	0.34	-23.82	-153.19	105.93
	18	-0.18	-0.39	0.14	-25.67	-200.76	100.56
	19	-0.18	1.30	0.20	14.87	-191.14	84.96
353	360	-8.33e-002	1.44	-0.12	-4.52	-110.82	103.50
	491	-8.33e-002	-0.59	-0.27	-28.39	-114.05	103.70
	15	-0.17	-0.59	-0.20	-24.25	-139.80	97.91
	16	-0.17	1.44	0.15	-8.53	-141.48	97.60
354	9	0.12	0.16	0.25	-104.55	-279.44	-112.22
	13	0.12	-0.36	-0.10	50.06	-262.21	-48.48
	135	0.48	-0.36	0.92	22.29	-145.15	125.21
	10	0.48	0.16	0.83	75.24	-533.00	65.36
355	8	0.22	-0.47	0.49	-103.29	83.65	-69.79
	12	0.22	-1.11	-0.10	-14.11	-125.56	-49.86
	13	0.12	-1.11	-0.42	-15.38	-210.58	-67.12
	9	0.12	-0.47	0.13	-68.28	-167.93	-92.83
356	454	-1.41e-002	0.42	0.12	-64.17	41.32	-67.10
	359	-1.41e-002	-1.21	7.70e-002	-24.04	61.10	-58.43
	12	0.22	-1.21	0.21	-13.46	101.31	-52.91
	8	0.22	0.42	0.28	-97.13	49.23	-52.88
357	7	0.27	0.82	-0.83	-303.86	42.12	-129.69
	9	0.27	0.16	0.43	-206.24	-318.12	-75.96
	10	-0.53	0.16	1.86	228.92	-581.37	-124.88
	134	-0.53	0.82	1.46	-643.40	-771.81	-174.78
358	6	7.78e-002	1.09	0.32	-165.43	87.70	89.40
	8	7.78e-002	-0.47	0.60	-198.61	39.18	-54.70
	9	0.27	-0.47	0.22	-234.02	-174.81	-124.80
	7	0.27	1.09	-0.46	-221.06	59.66	-92.49
359	358	4.99e-002	0.71	0.22	-127.93	37.51	113.51
	454	4.99e-002	0.42	0.22	-107.81	41.34	-72.65
	8	7.78e-002	0.42	0.39	-147.53	46.38	-61.63
	6	7.78e-002	0.71	0.39	-166.32	53.72	98.70
360	2	-1.42	0.66	-0.40	-361.27	259.29	173.86
	7	-1.42	0.82	-0.96	-394.47	102.43	-99.31
	134	4.01	0.82	-0.55	-607.30	276.93	-87.56
	5	4.01	0.66	-1.60	-566.29	-163.57	216.41
361	167	-0.22	-0.37	0.65	-191.16	29.70	174.82
	6	-0.22	1.09	0.25	-189.83	50.19	-92.86
	7	-1.42	1.09	0.14	-336.98	47.78	-94.57

	2	-1.42	-0.37	0.45	-279.76	58.27	164.97
362	429	0.49	-0.74	0.92	-116.86	29.26	146.58
	358	0.49	0.71	0.59	-117.89	74.69	116.95
	6	-0.22	0.71	0.30	-153.26	-36.17	123.48
	167	-0.22	-0.74	0.62	-159.17	32.73	153.22
363	168	-7.06e-002	-2.98	-0.55	-64.35	-73.78	262.22
	167	-7.06e-002	-0.37	-0.23	-159.80	43.53	175.96
	2	-0.95	-0.37	2.11	-362.18	64.70	257.90
	3	-0.95	-2.98	1.55	-55.98	-99.42	345.69
364	367	-0.36	-1.84	0.49	-27.41	-41.17	176.28
	429	-0.36	-0.74	1.12	-84.10	24.32	149.60
	167	-7.06e-002	-0.74	-0.14	-137.27	32.81	197.24
	168	-7.06e-002	-1.84	-0.62	-34.97	-60.33	224.69
365	151	-6.60e-002	0.48	-0.24	-85.24	-58.79	253.79
	163	-6.60e-002	2.80	-0.64	-27.90	-97.69	259.42
	164	1.04	2.80	1.34	-38.24	-137.61	252.29
	155	1.04	0.48	1.93	-141.56	-91.51	241.54
366	392	0.33	0.96	0.98	-48.63	-52.36	276.75
	366	0.33	2.03	0.47	-15.30	-76.77	271.80
	163	-6.60e-002	2.03	-0.62	-14.10	-94.39	259.27
	151	-6.60e-002	0.96	-0.18	-78.57	-65.83	262.87
367	159	1.35	-0.90	-1.37	-227.90	105.47	196.21
	155	1.35	-0.45	-0.43	-172.43	-165.53	233.10
	160	-2.61	-0.45	-1.67	-205.62	-155.04	236.24
	142	-2.61	-0.90	-0.68	-268.85	-450.13	198.88
368	154	0.14	-0.87	-0.12	-145.18	-43.12	277.77
	151	0.14	0.48	0.58	-112.45	-45.68	260.44
	155	1.35	0.48	0.42	-160.64	-80.98	231.84
	159	1.35	-0.87	0.17	-205.44	-42.70	246.22
369	363	-0.49	-0.72	0.52	-77.37	-53.27	301.29
	392	-0.49	0.96	0.76	-62.32	-48.52	276.75
	151	0.14	0.96	0.48	-90.16	-61.29	265.55
	154	0.14	-0.72	0.25	-129.57	-45.55	289.32
373	126	-5.30e-002	-0.45	0.20	-70.16	-31.64	298.51
	391	-5.30e-002	-0.69	0.13	-45.79	73.34	286.27
	363	-0.15	-0.69	0.27	-76.60	-93.01	298.35
	128	-0.15	-0.45	0.25	-52.79	-49.44	310.68
374	123	0.20	-0.51	0.28	-29.45	-45.53	308.12
	389	0.20	-0.70	0.35	-32.90	-33.25	299.84
	391	-5.30e-002	-0.70	0.14	-65.31	-137.47	287.07
	126	-5.30e-002	-0.51	0.17	-31.96	-81.59	295.31
375	119	-4.45e-003	0.71	0.52	-12.10	-30.26	315.11
	387	-4.45e-003	-0.69	0.37	25.95	-40.94	307.21
	389	0.20	-0.69	0.37	-28.82	-83.54	301.89
	123	0.20	0.71	0.53	-20.86	-55.33	309.78
376	115	-0.18	1.14	0.58	-15.87	71.22	302.79
	385	-0.18	1.20	0.40	46.76	103.73	293.62
	387	-4.45e-003	1.20	0.37	13.24	-29.50	304.34
	119	-4.45e-003	1.14	0.55	-16.22	-33.98	313.53
377	111	-4.84e-002	1.53	0.31	-18.19	113.41	277.30
	383	-4.84e-002	1.70	0.27	79.04	174.29	268.83
	385	-0.18	1.70	0.39	17.33	-29.31	287.81
	115	-0.18	1.53	0.39	33.64	60.14	296.30
378	106	0.22	1.94	0.57	-18.04	93.07	277.07
	381	0.22	1.90	0.53	57.30	144.21	272.70
	383	-4.84e-002	1.90	0.30	-20.19	-34.10	266.71
	111	-4.84e-002	1.94	0.37	61.48	-46.05	271.07
379	102	4.35e-003	2.40	0.82	20.79	147.85	281.81
	379	4.35e-003	2.41	0.52	43.56	177.58	276.56
	381	0.22	2.41	0.56	-13.12	54.42	271.97

	106	0.22	2.40	0.86	37.13	85.71	277.21
380	98	-0.22	3.11	0.91	32.62	216.53	274.03
	377	-0.22	3.28	0.60	59.72	254.67	263.72
	379	4.35e-003	3.28	0.54	19.90	133.61	273.26
	102	4.35e-003	3.11	0.84	28.57	161.86	283.60
381	61	2.88e-002	3.71	0.48	37.63	273.81	245.16
	375	2.88e-002	3.97	0.42	88.63	329.18	234.64
	377	-0.22	3.97	0.60	29.69	168.33	255.54
	98	-0.22	3.71	0.64	50.97	202.97	266.12
382	621	0.20	4.36	0.56	43.86	284.69	232.42
	373	0.20	4.65	0.56	74.15	321.37	228.55
	375	2.88e-002	4.65	0.42	21.54	188.18	229.08
	61	2.88e-002	4.36	0.45	81.90	224.27	232.95
383	619	-3.23e-003	5.09	0.81	50.15	381.31	238.75
	371	-3.23e-003	5.68	0.58	74.07	390.34	231.60
	373	0.20	5.68	0.57	34.97	279.42	224.74
	621	0.20	5.09	0.80	57.90	295.02	231.86
384	617	-0.16	5.97	0.80	73.64	515.55	249.25
	369	-0.16	7.24	0.58	145.20	549.83	226.49
	371	-3.23e-003	7.24	0.57	62.05	369.20	228.43
	619	-3.23e-003	5.97	0.78	56.46	401.31	251.18
385	355	-0.10	6.28	0.22	68.54	524.69	215.77
	289	-0.10	7.90	-0.17	202.03	590.45	205.30
	369	-0.16	7.90	0.44	128.17	454.76	225.62
	617	-0.16	6.28	0.41	94.56	500.14	236.15
386	127	-0.18	1.59	-0.21	-48.52	-32.11	309.29
	126	-0.18	-0.45	0.30	-38.92	-32.85	310.33
	128	7.94e-002	-0.45	0.20	-57.28	-47.58	325.22
	362	7.94e-002	1.59	-0.54	-13.92	-66.46	324.08
387	124	-0.11	1.80	-0.62	-9.81	-64.64	325.39
	123	-0.11	-0.51	0.20	-22.50	-44.91	313.72
	126	-0.18	-0.51	0.26	-45.20	-74.69	307.40
	127	-0.18	1.80	-0.27	-34.41	-45.33	318.98
388	120	8.83e-003	1.68	-0.15	-2.46	-33.99	320.67
	119	8.83e-003	0.71	0.30	-11.59	-30.82	319.21
	123	-0.11	0.71	0.47	-15.91	-51.44	318.43
	124	-0.11	1.68	-6.08e-002	-4.87	-52.51	319.95
389	116	8.18e-002	1.70	-6.61e-002	-6.34	59.09	314.42
	115	8.18e-002	1.14	0.50	-12.94	64.21	312.17
	119	8.83e-003	1.14	0.33	-12.39	-35.24	317.55
	120	8.83e-003	1.70	-0.17	-1.93	-36.43	319.80
390	112	-0.16	2.06	-0.22	-45.12	54.16	300.50
	111	-0.16	1.53	0.25	38.38	101.61	282.75
	115	8.18e-002	1.53	0.30	-21.46	57.63	303.29
	116	8.18e-002	2.06	-0.54	10.76	75.54	321.18
391	107	-0.11	1.84	-0.64	-7.31	89.03	264.14
	106	-0.11	1.94	0.42	29.38	83.89	280.42
	111	-0.16	1.94	0.27	-29.07	55.19	284.54
	112	-0.16	1.84	-0.27	57.22	45.94	268.03
392	103	7.19e-003	2.48	-0.19	3.49	146.36	284.54
	102	7.19e-003	2.40	0.53	17.58	143.50	287.68
	106	-0.11	2.40	0.72	21.28	93.67	278.71
	107	-0.11	2.48	-6.06e-002	8.43	105.31	275.58
393	99	0.12	3.01	-6.75e-002	12.17	208.29	291.80
	98	0.12	3.11	0.75	24.06	209.55	287.96
	102	7.19e-003	3.11	0.55	22.31	165.33	285.51
	103	7.19e-003	3.01	-0.20	3.93	170.35	289.35
394	62	0.11	3.97	-0.26	93.99	178.63	282.15
	61	0.11	3.71	0.28	66.63	263.60	243.96
	98	0.12	3.71	0.46	41.53	195.22	274.39

	99	0.12	3.97	-0.65	19.45	231.36	312.83
395	622	-8.74e-002	3.36	-0.55	14.81	299.22	196.61
	621	-8.74e-002	4.36	0.39	54.98	271.63	233.00
	61	0.11	4.36	0.26	58.68	232.39	248.69
	62	0.11	3.36	-0.21	107.70	180.13	212.01
396	620	-5.84e-003	3.93	-0.23	7.93	396.18	242.67
	619	-5.84e-003	5.09	0.45	41.20	381.12	246.24
	621	-8.74e-002	5.09	0.64	39.91	302.46	226.36
	622	-8.74e-002	3.93	-8.41e-002	18.10	320.12	222.80
397	618	-0.14	4.21	-6.32e-002	14.46	493.90	262.99
	617	-0.14	5.97	0.64	46.47	504.02	261.89
	619	-5.84e-003	5.97	0.42	47.38	411.67	251.30
	620	-5.84e-003	4.21	-0.21	9.73	439.03	252.36
398	288	-6.25e-002	5.25	0.36	82.31	406.59	241.38
	355	-6.25e-002	6.28	0.23	79.23	505.67	210.51
	617	-0.14	6.28	0.24	65.08	493.37	247.43
	618	-0.14	5.25	-0.75	13.97	531.89	278.59
399	603	-0.22	1.79	-0.64	100.77	119.71	316.29
	616	-0.22	-1.55	-0.32	55.86	114.21	310.34
	357	0.13	-1.55	-0.64	27.37	203.61	328.81
	604	0.13	1.79	-0.36	98.72	168.34	335.13
400	602	-0.10	1.55	-0.37	78.45	33.39	287.79
	615	-0.10	-2.34	-0.54	19.57	73.62	303.99
	616	-0.22	-2.34	-0.21	55.84	86.79	324.22
	603	-0.22	1.55	-0.62	92.40	85.15	307.46
401	601	-2.07e-002	1.51	-0.27	51.85	24.38	266.50
	614	-2.07e-002	2.20	8.95e-002	11.30	46.54	272.37
	615	-0.10	2.20	-7.54e-002	11.20	67.22	289.57
	602	-0.10	1.51	-0.31	70.23	39.53	283.26
402	600	-0.11	1.62	-0.26	36.67	21.78	257.70
	613	-0.11	2.24	0.12	9.82	35.48	262.64
	614	-2.07e-002	2.24	8.36e-002	4.86	47.52	269.37
	601	-2.07e-002	1.62	-0.23	50.91	28.75	264.22
403	599	-0.16	1.87	-0.54	38.17	23.80	239.07
	612	-0.16	1.97	0.35	48.48	51.62	257.17
	613	-0.11	1.97	-0.72	8.94	36.73	270.58
	600	-0.11	1.87	-0.24	39.90	31.38	252.54
404	598	8.78e-002	2.06	-0.31	30.17	25.80	231.13
	611	8.78e-002	3.07	-0.60	8.89	22.60	218.12
	612	-0.16	3.07	-0.26	48.74	51.79	228.10
	599	-0.16	2.06	-0.56	38.31	24.31	241.08
405	597	-4.56e-003	2.32	-0.28	22.44	20.30	235.47
	610	-4.56e-003	2.95	8.55e-002	3.49	18.67	235.90
	611	8.78e-002	2.95	0.11	7.89	23.87	228.27
	598	8.78e-002	2.32	-0.31	22.82	20.45	227.76
406	596	-9.06e-002	2.59	-0.31	-29.40	26.84	246.35
	609	-9.06e-002	3.08	0.12	-12.83	19.92	252.59
	610	-4.56e-003	3.08	8.93e-002	-4.51	20.58	242.21
	597	-4.56e-003	2.59	-0.28	23.08	19.92	235.99
407	595	0.12	2.88	-0.55	-64.57	30.80	219.04
	608	0.12	3.03	-0.28	-97.41	91.63	256.62
	609	-9.06e-002	3.03	-0.63	-16.88	19.48	276.05
	596	-9.06e-002	2.88	-0.30	-45.88	44.15	238.21
408	594	0.12	3.10	-0.24	-50.85	46.61	207.13
	607	0.12	4.04	-0.74	-17.11	18.10	171.92
	608	0.12	4.04	0.35	-97.39	91.87	190.49
	595	0.12	3.10	-0.52	-65.47	28.32	226.06
409	593	6.74e-003	3.40	-0.24	-29.81	29.99	211.85
	606	6.74e-003	3.67	9.38e-002	-5.67	19.91	206.69
	607	0.12	3.67	0.12	-13.74	21.58	194.44

	594	0.12	3.40	-0.35	-34.59	28.07	199.56
410	592	-8.77e-002	3.66	-0.37	-28.34	41.02	223.27
	605	-8.77e-002	3.63	0.12	-13.45	30.91	225.84
	606	6.74e-003	3.63	0.10	-4.38	21.82	214.72
	593	6.74e-003	3.66	-0.25	-29.41	28.90	212.20
411	348	0.12	3.95	-0.43	-52.60	48.15	195.26
	283	0.12	3.52	0.28	-90.62	107.35	226.85
	605	-8.77e-002	3.52	-0.65	-14.40	29.88	247.10
	592	-8.77e-002	3.95	-0.23	-43.14	56.87	215.29
412	591	-4.20e-002	2.80	-0.25	166.04	123.56	303.73
	603	-4.20e-002	1.79	-0.45	95.28	116.39	315.45
	604	0.42	1.79	-0.42	127.45	166.46	328.82
	356	0.42	2.80	-0.24	156.30	142.81	317.34
413	590	-0.19	1.69	-0.16	135.95	32.85	276.69
	602	-0.19	1.55	-0.40	82.62	31.08	286.65
	603	-4.20e-002	1.55	-0.45	113.64	75.54	307.57
	591	-4.20e-002	1.69	-0.16	140.79	47.94	297.42
414	589	-1.20e-002	1.31	-0.14	101.79	26.94	260.52
	601	-1.20e-002	1.51	-0.32	59.73	22.13	265.22
	602	-0.19	1.51	-0.31	81.28	29.40	277.48
	590	-0.19	1.31	-0.15	114.45	-12.16	272.26
415	588	0.21	1.43	-0.16	73.32	26.70	250.01
	600	0.21	1.62	-0.28	43.55	21.58	253.72
	601	-1.20e-002	1.62	-0.28	55.32	21.43	261.50
	589	-1.20e-002	1.43	-0.15	81.36	-12.86	257.55
416	587	-4.72e-002	1.70	-0.17	56.21	33.43	238.16
	599	-4.72e-002	1.87	-0.46	38.51	24.95	242.44
	600	0.21	1.87	-0.33	42.21	24.12	249.52
	588	0.21	1.70	-0.18	57.80	-13.20	245.18
417	586	-0.19	1.87	-0.22	45.72	38.51	230.73
	598	-0.19	2.06	-0.43	29.77	25.18	232.18
	599	-4.72e-002	2.06	-0.48	38.66	20.35	237.10
	587	-4.72e-002	1.87	-0.19	44.05	-5.86	235.60
418	585	-6.74e-003	2.07	-0.20	36.14	37.82	231.85
	597	-6.74e-003	2.32	-0.36	25.24	23.41	232.25
	598	-0.19	2.32	-0.38	31.09	17.82	231.46
	586	-0.19	2.07	-0.22	35.35	-8.57	231.03
419	584	0.19	2.36	-0.22	38.94	38.60	232.75
	596	0.19	2.59	-0.37	-42.97	30.20	237.26
	597	-6.74e-003	2.59	-0.36	27.97	18.04	236.96
	585	-6.74e-003	2.36	-0.20	35.85	-15.23	232.44
420	583	4.44e-002	2.64	-0.20	-56.20	42.06	222.24
	595	4.44e-002	2.88	-0.48	-63.88	33.25	227.39
	596	0.19	2.88	-0.43	-43.17	32.90	234.21
	584	0.19	2.64	-0.22	-54.70	21.64	229.06
421	582	-0.23	2.88	-0.22	-61.74	49.12	214.12
	594	-0.23	3.10	-0.34	-51.10	39.41	211.00
	595	4.44e-002	3.10	-0.45	-60.79	27.00	218.05
	583	4.44e-002	2.88	-0.19	-66.09	14.35	221.17
422	581	6.11e-003	3.26	-0.19	-45.53	45.60	214.72
	593	6.11e-003	3.40	-0.33	-36.27	32.71	209.47
	594	-0.23	3.40	-0.36	-48.55	28.67	208.61
	582	-0.23	3.26	-0.22	-55.24	22.86	213.84
423	580	0.20	3.70	-0.23	-39.06	47.13	214.77
	592	0.20	3.66	-0.39	-42.39	43.19	215.39
	593	6.11e-003	3.66	-0.34	-33.88	29.83	215.38
	581	6.11e-003	3.70	-0.19	-44.00	34.16	214.77
424	282	3.36e-002	4.11	-0.19	-44.07	52.44	201.62
	348	3.36e-002	3.95	-0.36	-52.18	48.89	203.70
	592	0.20	3.95	-0.33	-39.64	47.66	212.33

	580	0.20	4.11	-0.24	-49.05	42.99	210.25
425	578	0.16	0.42	0.62	230.12	-71.54	278.14
	591	0.16	2.80	0.23	180.91	84.57	284.97
	356	-0.53	2.80	-0.10	169.85	110.24	302.40
	579	-0.53	0.42	0.47	333.97	151.58	293.65
426	577	0.15	0.56	-0.23	159.15	-49.30	257.00
	590	0.15	1.69	-0.13	142.10	42.84	269.30
	591	0.16	1.69	0.24	150.60	53.34	278.69
	578	0.16	0.56	0.40	229.54	38.35	263.90
427	576	4.50e-002	0.83	-0.27	108.62	-46.24	248.56
	589	4.50e-002	1.31	-0.20	98.23	-44.10	257.08
	590	0.15	1.31	-0.16	118.07	47.09	262.83
	577	0.15	0.83	-0.24	150.59	40.42	252.99
428	575	-2.23e-002	1.04	-0.39	74.54	-36.76	237.99
	588	-2.23e-002	1.43	-0.23	67.13	-38.30	245.34
	589	4.50e-002	1.43	-0.20	85.75	38.77	253.87
	576	4.50e-002	1.04	-0.36	96.93	-36.84	246.08
429	574	-1.45e-002	1.23	-0.46	53.56	-34.25	222.99
	587	-1.45e-002	1.70	-0.25	48.23	-36.91	229.79
	588	-2.23e-002	1.70	-0.23	63.28	37.10	240.89
	575	-2.23e-002	1.23	-0.43	63.23	-31.38	233.91
430	573	-1.51e-002	1.41	-0.49	40.50	-41.40	222.58
	586	-1.51e-002	1.87	-0.28	38.02	-41.71	227.94
	587	-1.45e-002	1.87	-0.27	51.66	50.06	226.46
	574	-1.45e-002	1.41	-0.48	42.77	37.05	220.96
431	572	-1.28e-002	1.59	-0.51	34.94	-36.27	225.77
	585	-1.28e-002	2.07	-0.28	35.29	-44.01	229.54
	586	-1.51e-002	2.07	-0.28	40.29	42.83	227.68
	573	-1.51e-002	1.59	-0.51	35.08	-37.84	223.86
432	571	-2.12e-002	1.79	-0.53	40.57	-31.88	221.17
	584	-2.12e-002	2.36	-0.28	-46.07	-37.79	227.21
	585	-1.28e-002	2.36	-0.28	34.98	34.82	231.31
	572	-1.28e-002	1.79	-0.52	37.79	-30.90	225.27
433	570	-1.25e-002	2.00	-0.53	53.10	-32.20	212.14
	583	-1.25e-002	2.64	-0.27	-54.74	-38.08	216.57
	584	-2.12e-002	2.64	-0.28	49.32	34.02	224.42
	571	-2.12e-002	2.00	-0.54	-44.04	-28.79	220.00
434	569	-1.99e-002	2.23	-0.51	-49.04	-33.90	217.94
	582	-1.99e-002	2.88	-0.27	-59.89	-36.35	217.30
	583	-1.25e-002	2.88	-0.29	-66.35	49.40	213.66
	570	-1.25e-002	2.23	-0.53	-44.61	-36.71	214.29
435	568	-1.25e-002	2.50	-0.52	-43.05	-22.03	222.59
	581	-1.25e-002	3.26	-0.27	-49.63	-29.83	217.83
	582	-1.99e-002	3.26	-0.26	-55.73	35.48	216.38
	569	-1.99e-002	2.50	-0.52	-50.14	-31.20	221.13
436	567	-2.10e-002	2.81	-0.54	-40.00	-22.98	215.74
	580	-2.10e-002	3.70	-0.27	-48.47	-32.61	214.30
	581	-1.25e-002	3.70	-0.27	-40.83	27.54	219.62
	568	-1.25e-002	2.81	-0.53	-48.49	-21.33	221.08
437	343	-1.31e-002	3.11	-0.54	-40.91	-25.48	201.51
	282	-1.31e-002	4.11	-0.26	-45.38	-45.63	199.89
	580	-2.10e-002	4.11	-0.27	-43.19	28.21	210.98
	567	-2.10e-002	3.11	-0.55	-44.03	-25.30	212.62
438	566	0.11	-1.88	-0.44	290.80	-42.86	271.41
	578	0.11	0.42	0.53	255.07	-80.29	273.76
	579	-1.54	0.42	-0.27	368.37	144.77	315.14
	364	-1.54	-1.88	-0.77	333.15	-68.48	302.56
439	565	0.17	-0.39	-0.49	178.67	-55.34	241.03
	577	0.17	0.56	-0.21	171.62	-55.38	252.90
	578	0.11	0.56	0.32	218.58	36.96	269.78

	566	0.11	-0.39	-0.26	266.09	-43.48	253.88
440	564	7.56e-002	0.36	-0.40	111.54	-48.86	233.22
	576	7.56e-002	0.83	-0.32	110.56	-48.18	244.19
	577	0.17	0.83	-0.32	143.44	-40.12	250.91
	565	0.17	0.36	-0.39	156.12	-45.86	238.98
441	563	-3.63e-002	0.64	-0.47	71.45	-40.03	225.91
	575	-3.63e-002	1.04	-0.45	72.34	-38.25	235.16
	576	7.56e-002	1.04	-0.41	93.84	-37.63	241.82
	564	7.56e-002	0.64	-0.43	97.19	-40.23	232.31
442	562	-2.41e-002	0.80	-0.49	47.20	-36.19	216.94
	574	-2.41e-002	1.23	-0.50	49.30	-35.50	223.33
	575	-3.63e-002	1.23	-0.49	62.28	-32.36	230.47
	563	-3.63e-002	0.80	-0.48	62.54	-34.28	223.97
443	561	-1.79e-002	0.94	-0.52	34.75	-38.10	215.96
	573	-1.79e-002	1.41	-0.53	37.33	-40.43	220.51
	574	-2.41e-002	1.41	-0.52	43.71	-36.00	220.96
	562	-2.41e-002	0.94	-0.50	42.70	-36.18	216.33
444	560	-1.51e-002	1.08	-0.54	32.25	-34.40	217.49
	572	-1.51e-002	1.59	-0.56	35.44	-35.46	222.42
	573	-1.79e-002	1.59	-0.55	34.44	-36.77	222.02
	561	-1.79e-002	1.08	-0.53	33.84	-35.47	217.08
445	559	-2.02e-002	1.21	-0.56	36.48	-31.01	215.75
	571	-2.02e-002	1.79	-0.58	41.22	-31.50	220.08
	572	-1.51e-002	1.79	-0.57	35.10	-31.11	222.17
	560	-1.51e-002	1.21	-0.55	34.82	-30.86	217.85
446	558	-1.79e-002	1.36	-0.57	-41.18	-30.57	213.60
	570	-1.79e-002	2.00	-0.58	-43.98	-32.03	215.36
	571	-2.02e-002	2.00	-0.58	-42.22	-29.23	217.59
	559	-2.02e-002	1.36	-0.57	-38.68	-29.28	215.85
447	557	-1.33e-002	1.53	-0.58	-40.25	-29.78	219.09
	569	-1.33e-002	2.23	-0.59	-46.45	-32.62	219.10
	570	-1.79e-002	2.23	-0.58	-47.58	-34.46	215.70
	558	-1.79e-002	1.53	-0.58	-38.90	-32.14	215.70
448	556	-1.06e-002	1.71	-0.60	-40.99	-21.46	222.49
	568	-1.06e-002	2.50	-0.60	-45.82	-21.96	222.23
	569	-1.33e-002	2.50	-0.59	-45.37	-29.54	221.47
	557	-1.33e-002	1.71	-0.59	-41.93	-27.19	221.74
449	555	-2.00e-002	1.91	-0.61	-39.71	-20.27	218.30
	567	-2.00e-002	2.81	-0.61	-43.76	-21.72	217.00
	568	-1.06e-002	2.81	-0.61	-43.72	-21.12	221.02
	556	-1.06e-002	1.91	-0.61	-43.05	-20.32	222.32
450	290	-1.72e-002	2.13	-0.62	-35.57	-21.53	210.35
	343	-1.72e-002	3.11	-0.62	-36.58	-23.08	206.94
	567	-2.00e-002	3.11	-0.62	-41.36	-23.84	212.96
	555	-2.00e-002	2.13	-0.62	-39.63	-20.60	216.37
451	553	0.32	-0.26	-0.83	248.92	-61.77	-240.96
	566	0.32	-1.88	-0.80	302.64	-79.11	267.62
	364	-3.82	-1.88	-1.69	601.96	73.19	282.00
	554	-3.82	-0.26	-1.72	265.66	39.25	-267.21
452	552	0.20	-0.52	-0.86	150.05	-55.46	222.20
	565	0.20	-0.39	-0.64	173.20	-59.08	235.13
	566	0.32	-0.39	-0.60	245.34	-44.82	247.29
	553	0.32	-0.52	-0.82	207.84	-41.25	-236.53
453	551	0.10	0.16	-0.66	97.68	-49.45	215.38
	564	0.10	0.36	-0.47	107.43	-50.71	228.07
	565	0.20	0.36	-0.54	150.20	-45.50	232.65
	552	0.20	0.16	-0.73	129.52	-44.43	220.66
454	550	5.68e-002	0.27	-0.60	63.77	-41.71	211.35
	563	5.68e-002	0.64	-0.53	68.54	-41.60	222.23
	564	0.10	0.64	-0.51	94.88	-39.93	226.32

	551	0.10	0.27	-0.59	84.08	-39.94	215.62
455	549	3.42e-002	0.37	-0.61	42.40	-36.99	207.50
	562	3.42e-002	0.80	-0.55	45.74	-37.05	215.01
	563	5.68e-002	0.80	-0.54	60.99	-34.54	218.99
	550	5.68e-002	0.37	-0.60	55.21	-35.34	211.52
456	548	2.17e-002	0.44	-0.63	31.50	-35.67	208.02
	561	2.17e-002	0.94	-0.57	34.03	-37.42	213.50
	562	3.42e-002	0.94	-0.56	41.27	-35.37	213.59
	549	3.42e-002	0.44	-0.62	38.19	-34.61	208.11
457	547	-1.62e-002	0.51	-0.66	28.73	-32.43	209.86
	560	-1.62e-002	1.08	-0.60	32.13	-33.91	215.21
	561	2.17e-002	1.08	-0.58	32.19	-34.26	214.57
	548	2.17e-002	0.51	-0.65	29.99	-32.67	209.24
458	546	-1.74e-002	0.58	-0.68	-31.22	-29.28	210.53
	559	-1.74e-002	1.21	-0.62	35.35	-30.57	214.61
	560	-1.62e-002	1.21	-0.61	32.21	-30.31	215.14
	547	-1.62e-002	0.58	-0.67	29.64	-29.42	211.10
459	545	-1.48e-002	0.66	-0.70	-34.12	-27.70	212.23
	558	-1.48e-002	1.36	-0.63	-36.97	-29.70	213.92
	559	-1.74e-002	1.36	-0.62	-36.51	-28.85	213.62
	546	-1.74e-002	0.66	-0.69	-31.95	-27.84	211.96
460	544	1.48e-002	0.74	-0.72	-34.74	-25.67	217.94
	557	1.48e-002	1.53	-0.65	-39.40	-28.30	218.83
	558	-1.48e-002	1.53	-0.64	-38.95	-30.36	215.26
	545	-1.48e-002	0.74	-0.71	-33.28	-27.67	214.39
461	543	1.63e-002	0.83	-0.75	-36.35	-20.56	221.49
	556	1.63e-002	1.71	-0.67	-41.44	-21.26	222.63
	557	1.48e-002	1.71	-0.66	-38.75	-25.80	221.21
	544	1.48e-002	0.83	-0.73	-36.26	-23.74	220.08
462	542	1.95e-002	0.93	-0.77	-36.63	-18.67	219.84
	555	1.95e-002	1.91	-0.69	-40.07	-19.64	219.43
	556	1.63e-002	1.91	-0.68	-39.77	-20.08	221.87
	543	1.63e-002	0.93	-0.76	-38.15	-19.54	222.29
463	338	1.50e-002	1.03	-0.79	-33.89	-19.32	215.41
	290	1.50e-002	2.13	-0.70	-34.11	-20.69	212.68
	555	1.95e-002	2.13	-0.70	-38.30	-19.77	216.54
	542	1.95e-002	1.03	-0.78	-36.47	-18.69	219.28
464	540	-0.18	0.15	-1.43	141.12	51.83	-230.44
	553	-0.18	-0.26	-1.51	202.13	-43.06	-234.77
	554	-0.55	-0.26	-0.28	231.59	10.05	-259.38
	541	-0.55	0.15	-0.20	161.58	9.61	-255.61
465	539	7.57e-002	0.31	-0.86	109.96	-50.72	-201.68
	552	7.57e-002	-0.52	-0.85	135.54	-50.81	-217.15
	553	-0.18	-0.52	-1.50	177.89	-44.04	-231.14
	540	-0.18	0.31	-1.51	141.32	38.88	-218.01
466	538	8.21e-002	-0.22	-0.77	78.84	-44.95	197.38
	551	8.21e-002	0.16	-0.73	90.33	-47.56	210.93
	552	7.57e-002	0.16	-0.72	123.72	-44.48	-214.27
	539	7.57e-002	-0.22	-0.75	98.95	-40.31	-201.61
467	537	5.85e-002	-0.24	-0.65	54.24	-39.44	197.38
	550	5.85e-002	0.27	-0.62	59.98	-40.92	208.17
	551	8.21e-002	0.27	-0.65	82.28	-39.90	209.57
	538	8.21e-002	-0.24	-0.69	68.98	-37.31	199.08
468	536	3.91e-002	-0.26	-0.66	37.23	-35.24	197.82
	549	3.91e-002	0.37	-0.64	40.86	-36.45	205.57
	550	5.85e-002	0.37	-0.62	54.14	-35.33	206.53
	537	5.85e-002	-0.26	-0.65	47.53	-33.99	198.89
469	535	2.57e-002	-0.25	-0.68	-27.88	-32.59	200.14
	548	2.57e-002	0.44	-0.66	30.46	-34.47	205.88
	549	3.91e-002	0.44	-0.65	36.92	-33.80	205.04

	536	3.91e-002	-0.25	-0.67	33.74	-32.13	199.34
470	534	1.96e-002	-0.24	-0.71	-24.68	-29.42	203.21
	547	1.96e-002	0.51	-0.68	27.75	-31.20	208.08
	548	2.57e-002	0.51	-0.67	28.80	-31.67	206.68
	535	2.57e-002	-0.24	-0.69	-26.34	-29.74	201.85
471	533	1.98e-002	-0.22	-0.73	-25.75	-26.51	206.12
	546	1.98e-002	0.58	-0.70	-29.40	-28.19	209.76
	547	1.96e-002	0.58	-0.69	-27.81	-28.61	208.60
	534	1.96e-002	-0.22	-0.72	-24.79	-26.98	204.99
472	532	2.06e-002	-0.21	-0.75	-28.00	-24.44	210.01
	545	2.06e-002	0.66	-0.73	-31.25	-26.50	212.13
	546	1.98e-002	0.66	-0.71	-30.34	-26.82	210.16
	533	1.98e-002	-0.21	-0.74	-26.18	-25.09	208.06
473	531	2.15e-002	-0.20	-0.78	-29.74	-22.33	215.66
	544	2.15e-002	0.74	-0.75	-33.78	-24.35	217.29
	545	2.06e-002	0.74	-0.74	-32.45	-25.98	213.86
	532	2.06e-002	-0.20	-0.76	-28.12	-23.70	212.25
474	530	2.40e-002	-0.20	-0.80	-31.95	-19.48	219.72
	543	2.40e-002	0.83	-0.77	-36.30	-20.16	221.36
	544	2.15e-002	0.83	-0.76	-33.76	-22.58	219.35
	531	2.15e-002	-0.20	-0.79	-31.06	-21.05	217.72
475	529	2.55e-002	-0.21	-0.82	-33.51	-18.18	220.17
	542	2.55e-002	0.93	-0.80	-36.53	-18.45	220.77
	543	2.40e-002	0.93	-0.79	-35.50	-19.19	221.47
	530	2.40e-002	-0.21	-0.81	-33.59	-18.83	220.87
476	335	2.22e-002	-0.23	-0.84	-33.31	-18.32	217.63
	338	2.22e-002	1.03	-0.82	-33.74	-18.79	216.81
	542	2.55e-002	1.03	-0.81	-35.41	-18.44	219.25
	529	2.55e-002	-0.23	-0.83	-34.18	-18.18	220.08
477	528	-0.46	1.44	-0.82	-185.13	53.53	162.87
	540	-0.46	0.15	-0.83	-153.61	66.96	-220.47
	541	2.61	0.15	-1.32	-172.82	-22.14	-269.17
	365	2.61	1.44	-1.31	-364.09	-95.79	-209.67
478	527	-0.20	0.27	-0.72	-105.63	46.98	-172.32
	539	-0.20	0.31	-0.92	105.37	49.61	-196.48
	540	-0.46	0.31	-0.92	127.51	39.89	-207.31
	528	-0.46	0.27	-0.72	-154.43	54.50	-181.92
479	526	7.89e-002	-0.38	-0.59	-70.51	-39.52	178.08
	538	7.89e-002	-0.22	-0.75	74.37	-42.77	193.26
	539	-0.20	-0.22	-0.81	94.75	-39.62	-193.02
	527	-0.20	-0.38	-0.65	-94.72	38.36	-177.68
480	525	5.18e-002	-0.57	-0.61	-48.63	-35.15	183.66
	537	5.18e-002	-0.24	-0.67	51.65	-37.85	194.37
	538	7.89e-002	-0.24	-0.67	67.89	-36.52	192.53
	526	7.89e-002	-0.57	-0.61	-62.66	-33.23	181.88
481	524	3.88e-002	-0.65	-0.62	-34.10	-31.56	188.11
	536	3.88e-002	-0.26	-0.68	36.19	-33.93	195.77
	537	5.18e-002	-0.26	-0.67	46.93	-33.24	193.98
	525	5.18e-002	-0.65	-0.61	-43.26	-30.73	186.37
482	523	2.90e-002	-0.69	-0.64	-25.51	-28.68	192.70
	535	2.90e-002	-0.25	-0.69	-27.07	-31.10	198.33
	536	3.88e-002	-0.25	-0.68	-32.92	-31.04	196.02
	524	3.88e-002	-0.69	-0.63	-31.00	-28.83	190.42
483	522	2.47e-002	-0.74	-0.66	-21.48	-25.77	197.37
	534	2.47e-002	-0.24	-0.72	-23.63	-27.95	201.79
	535	2.90e-002	-0.24	-0.70	-25.48	-28.55	199.30
	523	2.90e-002	-0.74	-0.65	-23.86	-26.54	194.90
484	521	2.51e-002	-0.79	-0.68	-20.93	-23.31	201.94
	533	2.51e-002	-0.22	-0.74	-24.06	-25.19	205.29
	534	2.47e-002	-0.22	-0.73	-23.37	-25.84	202.86

	522	2.47e-002	-0.79	-0.67	-21.07	-24.15	199.52
485	520	2.77e-002	-0.84	-0.70	-22.29	-21.53	207.02
	532	2.77e-002	-0.21	-0.76	-25.86	-23.21	209.47
	533	2.51e-002	-0.21	-0.75	-24.55	-23.83	206.55
	521	2.51e-002	-0.84	-0.69	-21.22	-22.26	204.11
486	519	3.11e-002	-0.91	-0.72	-24.39	20.18	212.68
	531	3.11e-002	-0.20	-0.78	-28.52	-21.31	214.86
	532	2.77e-002	-0.20	-0.77	-26.56	-22.30	211.43
	520	2.77e-002	-0.91	-0.71	-22.90	-20.80	209.27
487	518	3.42e-002	-9.97e-001	-0.74	-27.32	19.08	217.01
	530	3.42e-002	-0.20	-0.80	-31.54	-19.17	219.22
	531	3.11e-002	-0.20	-0.79	-28.73	-20.15	216.85
	519	3.11e-002	-9.97e-001	-0.73	-25.80	19.35	214.65
488	517	3.37e-002	-1.10	-0.75	-30.44	18.63	218.54
	529	3.37e-002	-0.21	-0.82	-33.57	-18.21	220.26
	530	3.42e-002	-0.21	-0.82	-31.25	-18.54	219.96
	518	3.42e-002	-1.10	-0.75	-29.24	18.44	218.24
489	291	2.92e-002	-1.23	-0.77	-33.31	-18.76	216.85
	335	2.92e-002	-0.23	-0.84	-33.95	-18.29	217.93
	529	3.37e-002	-0.23	-0.83	-32.96	-18.12	219.65
	517	3.37e-002	-1.23	-0.76	-32.21	-18.15	218.57
490	515	-0.20	0.32	-0.40	-178.02	100.98	131.73
	528	-0.20	1.44	-0.50	-193.27	37.88	158.10
	365	1.12	1.44	-0.59	-208.61	-108.52	129.91
	516	1.12	0.32	-0.29	-311.10	-108.65	117.19
491	514	-0.17	-0.51	-0.37	-110.26	45.08	147.91
	527	-0.17	0.27	-0.60	-110.74	44.62	-167.76
	528	-0.20	0.27	-0.41	-164.24	54.54	155.59
	515	-0.20	-0.51	-0.29	-149.55	39.51	137.20
492	513	-6.51e-002	-0.78	-0.53	-71.13	-33.31	161.82
	526	-6.51e-002	-0.38	-0.54	-70.95	-36.52	174.15
	527	-0.17	-0.38	-0.54	-95.20	37.71	166.42
	514	-0.17	-0.78	-0.53	-91.81	32.04	154.11
493	512	3.95e-002	-0.94	-0.64	-48.19	-31.34	171.83
	525	3.95e-002	-0.57	-0.58	-48.74	-32.91	180.48
	526	-6.51e-002	-0.57	-0.56	-63.10	-32.32	175.15
	513	-6.51e-002	-0.94	-0.61	-60.72	27.69	166.47
494	511	3.53e-002	-1.05	-0.67	-34.31	-29.37	179.59
	524	3.53e-002	-0.65	-0.59	-34.49	-29.76	185.70
	525	3.95e-002	-0.65	-0.58	-43.32	-29.72	181.46
	512	3.95e-002	-1.05	-0.66	-42.23	25.23	175.34
495	510	3.09e-002	-1.16	-0.70	-26.12	-27.00	186.26
	523	3.09e-002	-0.69	-0.61	-25.57	-27.04	190.65
	524	3.53e-002	-0.69	-0.60	-30.95	-27.64	186.84
	511	3.53e-002	-1.16	-0.69	-30.61	23.71	182.45
496	509	2.83e-002	-1.26	-0.72	-21.56	-24.49	192.37
	522	2.83e-002	-0.74	-0.63	-20.81	-24.34	195.63
	523	3.09e-002	-0.74	-0.62	-23.92	-25.28	192.09
	510	3.09e-002	-1.26	-0.71	-23.48	22.21	188.83
497	508	2.88e-002	-1.36	-0.74	-19.60	-22.20	197.95
	521	2.88e-002	-0.79	-0.65	-19.34	-22.16	200.48
	522	2.83e-002	-0.79	-0.64	-20.86	-22.96	197.20
	509	2.83e-002	-1.36	-0.73	-19.53	21.12	194.67
498	507	3.10e-002	-1.48	-0.76	-19.62	-20.35	203.48
	520	3.10e-002	-0.84	-0.66	-20.04	20.64	205.63
	521	2.88e-002	-0.84	-0.66	-20.67	-21.16	202.25
	508	2.88e-002	-1.48	-0.75	-18.05	20.72	200.11
499	506	3.38e-002	-1.61	-0.77	-21.16	-19.15	208.90
	519	3.38e-002	-0.91	-0.68	-22.28	19.62	211.04
	520	3.10e-002	-0.91	-0.67	-22.09	19.92	207.76

	507	3.10e-002	-1.61	-0.76	-18.49	20.94	205.62
500	505	3.52e-002	-1.77	-0.77	-24.38	-18.29	212.93
	518	3.52e-002 -9.97e-001	-0.69	-25.86	18.93	215.42	
	519	3.38e-002 -9.97e-001	-0.69	-24.56	19.00	213.06	
	506	3.38e-002	-1.77	-0.76	-20.74	21.42	210.57
501	504	3.42e-002	-1.97	-0.77	-28.78	-18.12	214.66
	517	3.42e-002	-1.10	-0.70	-29.80	18.68	217.16
	518	3.52e-002	-1.10	-0.70	-28.06	18.55	216.55
	505	3.52e-002	-1.97	-0.76	-24.73	21.92	214.05
502	330	2.88e-002	-2.20	-0.77	-34.73	-18.88	212.82
	291	2.88e-002	-1.23	-0.71	-33.76	-18.90	215.54
	517	3.42e-002	-1.23	-0.71	-31.83	18.45	217.06
	504	3.42e-002	-2.20	-0.76	-29.71	21.57	214.34
503	503	-0.18	-2.12	-0.19	-109.67	-62.28	119.82
	515	-0.18	0.32	-0.49	-166.75	92.58	128.14
	516	0.41	0.32	-0.42	-283.02	-108.18	112.63
	361	0.41	-2.12	-0.12	-76.52	-69.88	107.97
504	502	-0.15	-1.41	-0.22	-93.47	44.83	136.06
	514	-0.15	-0.51	-0.32	-108.26	40.68	144.08
	515	-0.18	-0.51	-0.32	-154.78	35.78	128.47
	503	-0.18	-1.41	-0.19	-100.52	-24.38	122.72
505	501	3.94e-002	-1.22	-0.31	-67.44	38.63	151.88
	513	3.94e-002	-0.78	-0.51	-72.29	30.05	160.93
	514	-0.15	-0.78	-0.46	-95.49	28.77	146.82
	502	-0.15	-1.22	-0.26	-86.37	-38.18	138.23
506	500	3.07e-002	-1.31	-0.36	-47.01	42.85	166.09
	512	3.07e-002	-0.94	-0.62	-50.81	-27.71	172.90
	513	3.94e-002	-0.94	-0.59	-64.23	-26.62	163.06
	501	3.94e-002	-1.31	-0.32	-64.74	-51.25	156.27
507	499	3.30e-002	-1.46	-0.37	-34.23	45.85	177.56
	511	3.30e-002	-1.05	-0.66	-38.21	-25.62	182.00
	512	3.07e-002	-1.05	-0.65	-44.30	-24.92	174.63
	500	3.07e-002	-1.46	-0.36	-50.06	-55.63	170.16
508	498	3.04e-002	-1.62	-0.39	-26.75	49.55	186.76
	510	3.04e-002	-1.16	-0.69	-31.25	-23.53	189.42
	511	3.30e-002	-1.16	-0.68	-32.05	-23.58	183.63
	499	3.30e-002	-1.62	-0.38	-40.81	-57.30	180.93
509	497	2.79e-002	-1.78	-0.40	-22.74	53.07	194.38
	509	2.79e-002	-1.26	-0.72	-27.47	-21.63	196.03
	510	3.04e-002	-1.26	-0.71	-24.39	-21.84	191.24
	498	3.04e-002	-1.78	-0.39	-34.64	-56.25	189.55
510	496	2.74e-002	-1.93	-0.41	-20.94	57.02	200.78
	508	2.74e-002	-1.36	-0.73	-25.83	20.25	201.91
	509	2.79e-002	-1.36	-0.73	-19.87	20.39	197.91
	497	2.79e-002	-1.93	-0.41	-30.58	-54.70	196.76
511	495	2.80e-002	-2.11	-0.41	-20.52	60.70	206.41
	507	2.80e-002	-1.48	-0.74	-25.84	19.52	207.43
	508	2.74e-002	-1.48	-0.74	-17.62	19.49	203.93
	496	2.74e-002	-2.11	-0.41	-27.95	-52.16	202.89
512	494	2.91e-002	-2.29	-0.41	-20.43	62.49	211.15
	506	2.91e-002	-1.61	-0.74	-27.39	19.34	212.61
	507	2.80e-002	-1.61	-0.74	-16.95	19.25	209.74
	495	2.80e-002	-2.29	-0.41	-26.82	-48.71	208.27
513	493	2.92e-002	-2.53	-0.39	-21.37	63.89	214.22
	505	2.92e-002	-1.77	-0.73	-31.01	19.43	216.36
	506	2.91e-002	-1.77	-0.74	-17.79	19.41	214.65
	494	2.91e-002	-2.53	-0.40	-27.78	-46.46	212.49
514	492	2.80e-002	-2.81	-0.38	-24.63	61.22	214.96
	504	2.80e-002	-1.97	-0.72	-35.87	19.38	217.90
	505	2.92e-002	-1.97	-0.73	-20.64	19.77	217.90

	493	2.92e-002	-2.81	-0.38	-30.84	-43.56	214.94
515	287	2.36e-002	-3.15	-0.36	-31.54	58.59	212.41
	330	2.36e-002	-2.20	-0.71	-41.15	-20.11	215.86
	504	2.80e-002	-2.20	-0.72	-25.55	19.46	217.92
	492	2.80e-002	-3.15	-0.37	-37.24	-44.91	214.45
516	489	5.37e-002	-0.68	-0.40	-38.09	-66.94	122.61
	503	5.37e-002	-2.12	-0.27	-80.98	-87.64	123.96
	361	-0.31	-2.12	-0.19	-63.70	-99.90	112.21
	491	-0.31	-0.68	-0.41	-49.15	-107.71	110.47
517	487	6.17e-002	-0.76	-0.44	-40.64	-27.87	130.05
	502	6.17e-002	-1.41	-0.19	-78.84	-27.81	132.81
	503	5.37e-002	-1.41	-0.22	-82.43	-30.31	128.12
	489	5.37e-002	-0.76	-0.43	-39.81	-50.41	125.37
518	485	3.98e-002	-0.86	-0.42	-37.80	-16.76	142.07
	501	3.98e-002	-1.22	-0.28	-62.03	-26.80	146.43
	502	6.17e-002	-1.22	-0.25	-75.42	11.27	135.23
	487	6.17e-002	-0.86	-0.39	-40.45	-26.18	131.51
519	483	3.90e-002	-1.03	-0.40	-30.46	-12.89	156.02
	500	3.90e-002	-1.31	-0.33	-46.31	-31.95	160.79
	501	3.98e-002	-1.31	-0.32	-57.92	10.99	149.88
	485	3.98e-002	-1.03	-0.39	-34.78	-18.90	145.39
520	481	2.19e-002	-1.25	-0.43	-23.28	-13.07	169.06
	499	2.19e-002	-1.46	-0.36	-35.28	-37.65	172.74
	500	3.90e-002	-1.46	-0.35	-42.51	9.70	163.75
	483	3.90e-002	-1.25	-0.42	-27.29	-15.93	160.14
521	479	2.28e-002	-1.49	-0.46	-17.85	-15.08	179.81
	498	2.28e-002	-1.62	-0.39	-27.89	-41.68	182.14
	499	2.19e-002	-1.62	-0.37	-32.16	8.61	175.26
	481	2.19e-002	-1.49	-0.44	-20.55	-16.24	172.93
522	477	1.56e-002	-1.74	-0.47	-14.38	-17.62	188.42
	497	1.56e-002	-1.78	-0.39	-23.08	-45.62	189.80
	498	2.28e-002	-1.78	-0.39	-25.43	7.68	184.40
	479	2.28e-002	-1.74	-0.47	-15.62	-18.27	183.00
523	475	2.69e-002	-2.01	-0.49	-12.22	-20.15	195.11
	496	2.69e-002	-1.93	-0.41	-20.11	-48.69	196.02
	497	1.56e-002	-1.93	-0.40	-21.24	7.14	191.86
	477	1.56e-002	-2.01	-0.48	-12.30	-20.73	190.93
524	473	-2.75e-002	-2.27	-0.47	-10.84	-23.16	200.27
	495	-2.75e-002	-2.11	-0.40	-18.66	-51.56	201.23
	496	2.69e-002	-2.11	-0.42	-18.87	7.23	198.01
	475	2.69e-002	-2.27	-0.49	-10.20	-23.27	197.02
525	471	-5.34e-002	-2.54	-0.46	-10.05	-26.94	203.60
	494	-5.34e-002	-2.29	-0.40	-18.66	-53.78	205.27
	495	-2.75e-002	-2.29	-0.40	-17.88	-8.72	203.28
	473	-2.75e-002	-2.54	-0.46	-9.11	-26.10	201.59
526	469	-4.13e-002	-2.79	-0.39	-10.44	-31.88	204.91
	493	-4.13e-002	-2.53	-0.37	-20.66	-55.81	207.57
	494	-5.34e-002	-2.53	-0.40	-18.28	-12.42	207.07
	471	-5.34e-002	-2.79	-0.42	-9.40	-29.74	204.39
527	467	-5.14e-002	-3.04	-0.36	-13.07	-38.17	203.69
	492	-5.14e-002	-2.81	-0.33	-25.75	-58.02	207.67
	493	-4.13e-002	-2.81	-0.36	-20.85	-17.97	209.13
	469	-4.13e-002	-3.04	-0.38	-11.69	-34.41	205.13
528	325	-2.18e-002	-3.27	-0.32	-18.51	-45.78	199.55
	287	-2.18e-002	-3.15	-0.32	-32.96	-60.53	204.47
	492	-5.14e-002	-3.15	-0.33	-26.65	-24.99	208.31
	467	-5.14e-002	-3.27	-0.32	-15.84	-40.35	203.37
529	490	0.15	1.22	-9.43e-002	-5.51	-68.19	117.61
	489	0.15	-0.68	-0.38	-27.94	-63.71	121.53
	491	-8.33e-002	-0.68	-0.38	-27.12	-105.62	110.55

	360	-8.33e-002	1.22	6.18e-002	-7.04	-98.72	106.47
530	488	3.48e-002	-0.98	-6.11e-002	-5.56	-43.01	127.82
	487	3.48e-002	-0.76	-0.38	-28.18	-30.45	130.49
	489	0.15	-0.76	-0.40	-28.92	-53.08	123.44
	490	0.15	-0.98	-5.51e-002	-4.96	-56.88	120.68
531	486	0.13	-1.01	6.03e-002	-5.44	-33.75	139.26
	485	0.13	-0.86	-0.31	-25.47	-21.72	139.51
	487	3.48e-002	-0.86	-0.33	-27.45	-27.89	130.82
	488	3.48e-002	-1.01	5.02e-002	-5.15	-39.26	130.64
532	484	-8.25e-003	-1.17	-5.66e-002	-4.90	-26.41	152.37
	483	-8.25e-003	-1.03	-0.28	-20.67	-16.39	153.01
	485	0.13	-1.03	-0.28	-24.47	-19.81	142.65
	486	0.13	-1.17	-4.52e-002	-4.50	-31.68	142.08
533	482	8.94e-002	-1.37	5.06e-002	-4.05	-20.64	165.06
	481	8.94e-002	-1.25	-0.30	-15.91	-13.70	166.13
	483	-8.25e-003	-1.25	-0.30	-19.73	-16.21	156.37
	484	-8.25e-003	-1.37	4.96e-002	-3.71	-24.72	155.33
534	480	-6.85e-003	-1.60	-4.64e-002	-3.16	-17.74	175.94
	479	-6.85e-003	-1.49	-0.32	-12.15	-13.94	177.06
	481	8.94e-002	-1.49	-0.31	-15.17	-15.94	168.94
	482	8.94e-002	-1.60	-2.84e-002	-2.95	-19.57	167.82
535	478	3.87e-002	-1.91	2.72e-002	-2.41	-17.53	184.65
	477	3.87e-002	-1.74	-0.33	-9.52	-15.75	185.65
	479	-6.85e-003	-1.74	-0.34	-11.59	-17.75	179.26
	480	-6.85e-003	-1.91	2.09e-002	-2.34	-17.20	178.26
536	476	3.88e-003	-2.22	-2.01e-002	-1.83	-18.96	191.37
	475	3.88e-003	-2.01	-0.36	-7.77	-18.03	192.29
	477	3.87e-002	-2.01	-0.34	-9.09	-20.28	187.41
	478	3.87e-002	-2.22	-1.77e-002	-1.90	-17.30	186.49
537	474	-0.10	-2.58	2.87e-002	-1.43	-21.62	196.30
	473	-0.10	-2.27	-0.32	-6.63	-20.90	197.22
	475	3.88e-003	-2.27	-0.35	-7.41	-23.00	193.71
	476	3.88e-003	-2.58	-5.36e-002	-1.56	-18.93	192.78
538	472	1.35e-002	-2.89	5.27e-002	-1.20	-25.72	199.37
	471	1.35e-002	-2.54	-0.33	-6.22	-24.67	200.41
	473	-0.10	-2.54	-0.32	-6.36	-26.19	198.32
	474	-0.10	-2.89	5.91e-002	-1.34	-21.88	197.29
539	470	-0.19	-3.21	-7.43e-002	-1.22	-31.59	200.37
	469	-0.19	-2.79	-0.27	-7.09	-29.70	201.59
	471	1.35e-002	-2.79	-0.29	-6.16	-30.25	201.14
	472	1.35e-002	-3.21	-0.10	1.40	-26.41	199.92
540	468	1.78e-002	-3.42	0.12	-1.55	-39.40	198.99
	467	1.78e-002	-3.04	-0.24	-9.60	-36.20	200.40
	469	-0.19	-3.04	-0.25	-7.41	-35.48	201.85
	470	-0.19	-3.42	8.84e-002	-1.88	-32.83	200.45
541	286	-0.13	-3.55	-6.27e-002	-2.54	-48.92	195.01
	325	-0.13	-3.27	-0.22	-12.90	-44.15	196.50
	467	1.78e-002	-3.27	-0.22	-10.27	-42.10	200.02
	468	1.78e-002	-3.55	-5.37e-002	-2.60	-41.15	198.53
542	453	0.12	-0.54	0.28	-41.20	44.64	-85.01
	466	0.12	-1.44	-5.22e-002	-13.23	43.05	-77.65
	359	-1.41e-002	-1.44	-0.11	-16.43	50.72	-62.97
	454	-1.41e-002	-0.54	0.21	-57.00	39.30	-69.16
543	452	2.18e-002	-0.75	0.24	-26.32	52.27	-98.92
	465	2.18e-002	-1.66	5.54e-002	-9.58	44.25	-94.85
	466	0.12	-1.66	6.11e-002	-7.53	44.97	-82.35
	453	0.12	-0.75	0.27	-37.57	45.28	-86.22
544	451	0.12	-0.98	0.23	-11.57	33.54	-109.57
	464	0.12	-1.86	-6.30e-002	-5.12	36.87	-103.41
	465	2.18e-002	-1.86	-6.35e-002	-5.11	42.20	-96.72

	452	2.18e-002	-0.98	0.23	-26.78	42.15	-102.80
545	450	-2.65e-002	-1.25	0.26	4.50	54.43	-108.03
	463	-2.65e-002	-2.01	5.71e-002	1.40	53.79	-103.54
	464	0.12	-2.01	3.69e-002	1.50	38.90	-104.09
	451	0.12	-1.25	0.24	-13.91	38.17	-108.78
546	449	0.10	-1.56	0.34	-7.17	-73.85	-101.47
	462	0.10	-2.24	-5.02e-002	1.24	-77.67	-101.97
	463	-2.65e-002	-2.24	-6.17e-002	0.89	60.14	-103.72
	450	-2.65e-002	-1.56	0.32	5.41	-71.29	-103.16
547	448	2.60e-002	-1.91	0.34	-10.49	-88.24	-104.90
	461	2.60e-002	-2.54	3.38e-002	-2.59	-101.31	-105.64
	462	0.10	-2.54	3.04e-002	-3.36	-78.63	-101.99
	449	0.10	-1.91	0.34	-7.13	-82.62	-101.28
548	447	4.23e-002	-2.29	0.28	-5.99	-142.75	-112.20
	460	4.23e-002	-2.80	-4.07e-002	-2.13	-149.23	-109.17
	461	2.60e-002	-2.80	-1.90e-002	-3.33	-111.72	-105.74
	448	2.60e-002	-2.29	0.31	-13.54	-109.56	-108.69
549	446	-8.45e-003	-2.70	0.30	-4.11	-207.50	-112.45
	459	-8.45e-003	-2.96	1.74e-002	0.72	-209.15	-109.78
	460	4.23e-002	-2.96	2.98e-002	-1.92	-166.36	-109.56
	447	4.23e-002	-2.70	0.27	-10.00	-169.57	-112.27
550	445	-9.04e-002	-3.13	0.29	-13.12	-253.74	-110.29
	458	-9.04e-002	-3.18	-2.15e-002	-0.69	-263.03	-111.20
	459	-8.45e-003	-3.18	3.76e-002	-2.49	-223.79	-110.40
	446	-8.45e-003	-3.13	0.30	-7.50	-231.82	-109.50
551	444	4.50e-002	-3.58	0.26	-22.76	-296.90	-118.17
	457	4.50e-002	-3.33	-7.45e-002	-3.59	-318.27	-119.34
	458	-9.04e-002	-3.33	-6.52e-002	-6.58	-272.88	-112.07
	445	-9.04e-002	-3.58	0.26	-15.28	-270.82	-111.05
552	443	-0.20	-4.03	0.14	-19.32	-378.65	-133.14
	456	-0.20	-3.39	5.18e-002	-4.13	-395.76	-128.62
	457	4.50e-002	-3.39	0.10	-6.37	-337.20	-120.15
	444	4.50e-002	-4.03	0.17	-27.82	-327.99	-124.39
553	442	-7.45e-002	-4.40	0.15	-8.46	-466.67	-131.93
	455	-7.45e-002	-3.30	-0.10	-1.27	-460.56	-123.47
	456	-0.20	-3.30	-0.11	-2.23	-422.41	-127.88
	443	-0.20	-4.40	0.14	-27.56	-425.49	-136.47
554	318	-0.22	-4.50	0.30	-13.13	-446.24	-102.83
	285	-0.22	-3.44	0.13	5.79	-425.36	-103.08
	455	-7.45e-002	-3.44	3.79e-002	10.53	-469.10	-120.93
	442	-7.45e-002	-4.50	0.22	-12.55	-497.74	-120.35
555	441	2.25e-002	0.62	0.26	-95.52	-66.90	-106.67
	453	2.25e-002	-0.54	0.35	-42.68	44.38	-79.06
	454	4.99e-002	-0.54	0.31	-93.54	36.92	-80.70
	358	4.99e-002	0.62	0.22	-114.02	72.37	110.22
556	440	4.39e-002	0.67	0.32	-52.04	33.17	115.33
	452	4.39e-002	-0.75	0.37	-31.74	55.62	-97.86
	453	2.25e-002	-0.75	0.34	-61.41	46.29	-84.68
	441	2.25e-002	0.67	0.29	-63.33	118.30	-100.84
557	439	2.38e-002	0.57	0.46	-40.25	36.27	117.88
	451	2.38e-002	-0.98	0.42	-20.23	31.99	-108.58
	452	4.39e-002	-0.98	0.36	-34.63	43.24	-102.31
	440	4.39e-002	0.57	0.40	-46.61	68.71	-111.47
558	438	3.21e-002	-0.86	0.49	-44.85	-94.71	-108.26
	450	3.21e-002	-1.25	0.43	-8.31	-60.56	-103.34
	451	2.38e-002	-1.25	0.43	-19.52	37.74	-108.81
	439	2.38e-002	-0.86	0.49	-45.11	30.71	-114.05
559	437	2.01e-002	-1.21	0.44	-46.11	-163.57	-97.65
	449	2.01e-002	-1.56	0.48	8.11	-80.26	-92.75
	450	3.21e-002	-1.56	0.50	-16.43	-76.68	-100.29

	438	3.21e-002	-1.21	0.45	-42.61	35.12	-106.35
560	436	2.92e-002	-1.25	0.53	-24.12	-136.56	-107.35
	448	2.92e-002	-1.91	0.54	-8.49	-84.82	-101.74
	449	2.01e-002	-1.91	0.48	-28.36	-78.34	-92.51
	437	2.01e-002	-1.25	0.47	-21.75	29.87	-97.22
561	435	1.26e-002	-1.77	0.63	-22.18	-167.39	-113.10
	447	1.26e-002	-2.29	0.53	-9.41	-144.06	-109.39
	448	2.92e-002	-2.29	0.51	-18.86	-104.34	-103.68
	436	2.92e-002	-1.77	0.61	-22.45	-66.11	-107.21
562	434	1.64e-002	-2.66	0.65	-31.43	-244.71	-108.79
	446	1.64e-002	-2.70	0.52	-7.02	-213.58	-107.11
	447	1.26e-002	-2.70	0.53	-13.62	-168.57	-109.73
	435	1.26e-002	-2.66	0.65	-28.58	-149.31	-111.49
563	433	-1.38e-002	-3.35	0.57	-40.08	-325.45	-103.33
	445	-1.38e-002	-3.13	0.49	-5.49	-258.76	-101.25
	446	1.64e-002	-3.13	0.53	-18.25	-234.14	-105.77
	434	1.64e-002	-3.35	0.62	-32.44	-189.04	-108.10
564	432	-3.23e-002	-3.80	0.61	-36.50	-327.38	-112.72
	444	-3.23e-002	-3.58	0.49	-25.73	-293.76	-112.36
	445	-1.38e-002	-3.58	0.47	-36.12	-262.73	-102.34
	433	-1.38e-002	-3.80	0.59	-24.46	-192.60	-102.89
565	431	-3.19e-002	-4.64	0.66	-64.62	-382.24	-122.56
	443	-3.19e-002	-4.03	0.38	-42.39	-382.89	-128.85
	444	-3.23e-002	-4.03	0.38	-42.19	-313.78	-117.07
	432	-3.23e-002	-4.64	0.67	-42.18	-278.64	-111.93
566	430	-2.10e-002	-6.14	0.49	-143.35	-524.99	-122.81
	442	-2.10e-002	-4.40	0.30	-24.44	-486.00	-130.94
	443	-3.19e-002	-4.40	0.38	-51.43	-415.96	-129.10
	431	-3.19e-002	-6.14	0.58	-86.29	-370.03	-121.33
567	284	3.66e-002	-6.92	-0.20	-189.67	-558.77	-107.95
	318	3.66e-002	-4.50	0.16	-17.60	-467.48	-103.72
	442	-2.10e-002	-4.50	0.39	-27.00	-513.73	-117.22
	430	-2.10e-002	-6.92	0.17	-160.30	-464.56	-121.43
568	427	3.38e-002	-0.67	-0.47	-75.15	20.73	131.84
	441	3.38e-002	0.62	0.24	-76.72	52.44	116.29
	358	0.49	0.62	0.72	-120.43	-28.88	119.99
	429	0.49	-0.67	-0.12	-84.42	20.60	135.75
569	425	-0.53	-0.46	0.17	-52.47	33.02	120.64
	440	-0.53	0.67	0.72	-41.13	73.73	-109.49
	441	3.38e-002	0.67	0.21	-79.23	-25.09	116.62
	427	3.38e-002	-0.46	-0.38	-53.48	24.01	128.20
570	423	1.38e-002	-0.45	0.90	-47.49	24.63	-109.35
	439	1.38e-002	0.57	0.41	-26.70	91.60	-105.59
	440	-0.53	0.57	0.64	-60.37	-44.41	-113.35
	425	-0.53	-0.45	1.12	-25.46	28.79	-117.22
571	421	0.54	-0.54	1.29	-50.03	21.06	-101.43
	438	0.54	-0.86	0.73	-30.42	86.66	-101.86
	439	1.38e-002	-0.86	0.42	-64.75	-63.63	-105.66
	423	1.38e-002	-0.54	0.98	-13.53	22.56	-105.17
572	419	2.36e-002	-0.63	0.11	-46.84	22.10	-102.41
	437	2.36e-002	-1.21	0.41	-24.36	76.36	-100.06
	438	0.54	-1.21	0.82	-67.09	-56.65	-99.33
	421	0.54	-0.63	0.48	-17.06	22.79	-101.78
573	417	-0.52	1.12	0.62	-39.47	30.22	-104.05
	436	-0.52	-1.25	0.90	-12.35	96.60	-99.71
	437	2.36e-002	-1.25	0.42	-50.35	-56.74	-100.12
	419	2.36e-002	1.12	0.17	-18.47	24.80	-104.74
574	415	1.63e-002	1.32	1.33	-41.47	-21.54	-101.99
	435	1.63e-002	-1.77	0.60	-10.32	112.15	-100.70
	436	-0.52	-1.77	0.82	-44.17	-80.43	-102.91

	417	-0.52	1.32	1.55	-8.26	26.64	-104.25
575	413	0.41	1.82	1.64	-47.22	-20.63	-99.92
	434	0.41	-2.66	0.82	-11.46	103.22	-100.54
	435	1.63e-002	-2.66	0.58	-54.29	-100.48	-101.17
	415	1.63e-002	1.82	1.40	8.83	-20.49	-100.49
576	411	1.53e-002	2.16	0.67	-49.90	-21.71	-101.39
	433	1.53e-002	-3.35	0.56	-13.27	89.40	-100.62
	434	0.41	-3.35	0.89	-61.06	-97.34	-99.53
	413	0.41	2.16	1.01	-6.56	-20.28	-100.30
577	409	-0.42	2.80	1.08	-53.25	-21.48	-102.04
	432	-0.42	-3.80	0.92	-14.47	94.77	-101.05
	433	1.53e-002	-3.80	0.55	-55.28	-99.28	-101.23
	411	1.53e-002	2.80	0.71	-12.57	-20.60	-102.22
578	407	-5.55e-002	3.10	1.52	-82.25	-35.44	-99.57
	431	-5.55e-002	-4.64	0.56	-38.64	96.93	-101.96
	432	-0.42	-4.64	0.85	-67.60	-122.27	-104.34
	409	-0.42	3.10	1.81	-14.95	-21.96	-100.96
579	405	1.24	3.88	2.00	-133.25	-59.25	-100.17
	430	1.24	-6.14	1.19	-128.89	36.55	-107.48
	431	-5.55e-002	-6.14	0.63	-120.79	-127.28	-104.22
	407	-5.55e-002	3.88	1.43	-41.55	-38.87	-99.06
580	305	1.16	2.64	-1.40	-138.62	-32.62	-132.50
	284	1.16	-6.92	-0.51	-213.57	-80.53	-139.44
	430	1.24	-6.92	1.14	-197.91	-37.61	-104.95
	405	1.24	2.64	0.31	-103.97	-30.75	-104.02
581	428	0.11	-1.52	0.89	-52.56	28.07	134.88
	427	0.11	-0.67	-1.11	-64.27	19.21	140.73
	429	-0.36	-0.67	0.25	-80.73	23.84	154.93
	367	-0.36	-1.52	2.23	-20.40	-39.99	149.13
582	426	0.37	-3.20	2.12	-11.52	23.21	148.47
	425	0.37	-0.46	0.25	-41.45	29.43	128.94
	427	0.11	-0.46	-1.02	-58.87	24.69	135.56
	428	0.11	-3.20	0.86	-49.12	28.03	155.36
583	424	2.74e-002	-1.19	-0.37	-3.46	22.60	-120.09
	423	2.74e-002	-0.45	0.61	-26.96	21.35	-116.80
	425	0.37	-0.45	1.21	-31.98	30.59	129.91
	426	0.37	-1.19	0.23	-7.99	22.69	133.31
584	422	-0.32	-1.76	0.24	-5.39	-22.13	-106.16
	421	-0.32	-0.54	1.33	-25.52	-20.90	-106.55
	423	2.74e-002	-0.54	0.69	-24.98	24.99	-115.28
	424	2.74e-002	-1.76	-0.40	-4.27	-22.93	-114.86
585	420	6.43e-002	4.56	0.90	-42.41	39.84	-100.82
	419	6.43e-002	-0.63	-0.62	-35.62	-21.14	-111.89
	421	-0.32	-0.63	0.52	-29.35	28.53	-108.45
	422	-0.32	4.56	2.03	-9.61	-22.75	-97.42
586	418	0.36	-1.64	2.05	-7.11	-23.36	-126.07
	417	0.36	1.12	0.62	-25.74	27.07	-112.96
	419	6.43e-002	1.12	-0.55	-31.81	28.59	-109.11
	420	6.43e-002	-1.64	0.88	-45.18	39.91	-122.21
587	416	1.53e-002	4.79	-0.37	-0.91	-21.67	-111.57
	415	1.53e-002	1.32	1.01	-17.60	-20.99	-110.03
	417	0.36	1.32	1.56	-16.00	31.52	-114.99
	418	0.36	4.79	0.19	-7.69	-22.57	-116.62
588	414	-0.25	6.93	0.15	-2.56	-23.03	-105.43
	413	-0.25	1.82	1.58	-19.94	-25.19	-105.98
	415	1.53e-002	1.82	1.07	-14.55	23.51	-109.69
	416	1.53e-002	6.93	-0.36	-4.44	-22.37	-109.06
589	412	4.50e-002	10.19	0.64	-31.71	-25.38	-102.87
	411	4.50e-002	2.16	0.14	-33.32	-27.31	-109.16
	413	-0.25	2.16	0.95	-21.46	23.42	-107.39

	414	-0.25	10.19	1.51	-9.27	-25.75	-101.13
590	410	0.28	8.73	1.53	-4.62	-32.13	-113.84
	409	0.28	2.80	1.00	-35.27	-26.11	-108.04
	411	4.50e-002	2.80	0.17	-29.11	-21.33	-107.86
	412	4.50e-002	8.73	0.64	-38.25	-24.58	-113.92
591	408	1.18e-002	12.19	-0.37	-4.67	-53.09	-103.52
	407	1.18e-002	3.10	1.29	-44.01	-46.81	-103.68
	409	0.28	3.10	1.73	-27.12	-21.06	-108.50
	410	0.28	12.19	8.40e-002	-11.26	-34.00	-107.63
592	406	-0.79	14.66	5.67e-002	-28.55	-52.80	-109.74
	405	-0.79	3.88	1.53	-58.70	-57.79	-106.83
	407	1.18e-002	3.88	1.20	-47.79	-37.98	-101.88
	408	1.18e-002	14.66	-0.28	-10.16	-64.40	-103.41
593	293	3.15	20.65	3.97	-114.64	219.46	-139.89
	305	3.15	2.64	0.22	-162.38	-43.41	-141.89
	405	-0.79	2.64	0.26	-87.92	-23.20	-107.08
	406	-0.79	20.65	3.91	-29.47	-100.15	-130.18
594	390	-8.66e-002	0.93	-1.18	-30.46	-52.67	294.47
	404	-8.66e-002	1.25	0.87	-28.99	-51.87	284.87
	366	0.33	1.25	2.18	-10.37	-71.48	271.70
	392	0.33	0.93	0.16	-45.49	-54.30	281.34
595	388	-0.37	0.69	0.20	-18.43	-48.35	304.06
	403	-0.37	3.70	2.18	-5.84	-56.76	306.91
	404	-8.66e-002	3.70	0.92	-26.47	-54.79	298.95
	390	-8.66e-002	0.69	-1.07	-29.80	-56.71	296.03
596	386	-2.24e-002	0.69	0.56	-14.07	-45.36	301.94
	402	-2.24e-002	1.37	-0.36	-1.97	-48.67	300.24
	403	-0.37	1.37	0.25	5.23	-54.54	303.71
	388	-0.37	0.69	1.17	-13.50	-51.27	305.37
597	384	0.32	0.49	1.27	18.58	-40.06	292.90
	401	0.32	1.38	0.26	-3.43	-42.83	290.74
	402	-2.24e-002	1.38	-0.38	3.69	-46.61	297.56
	386	-2.24e-002	0.49	0.63	12.92	-42.43	299.73
598	382	-6.21e-002	0.45	-0.69	28.21	-38.94	290.25
	400	-6.21e-002	-4.01	0.93	26.74	-28.84	283.12
	401	0.32	-4.01	2.06	7.05	-43.98	284.73
	384	0.32	0.45	0.45	21.13	-32.74	291.84
599	380	-0.35	-0.57	0.54	23.38	-38.22	287.83
	399	-0.35	1.22	2.05	4.85	-46.46	295.06
	400	-6.21e-002	1.22	0.90	27.04	-30.01	295.75
	382	-6.21e-002	-0.57	-0.62	27.65	-37.93	288.58
600	378	-1.50e-002	-0.68	0.92	22.01	40.35	278.03
	398	-1.50e-002	-4.07	-0.35	1.44	43.39	277.80
	399	-0.35	-4.07	0.20	6.44	-44.04	287.99
	380	-0.35	-0.68	1.47	16.97	-37.14	288.21
601	376	0.23	-1.11	1.51	27.72	39.11	262.10
	397	0.23	-6.09	0.17	3.07	42.43	260.05
	398	-1.50e-002	-6.09	-0.35	5.09	43.32	272.84
	378	-1.50e-002	-1.11	0.99	19.91	-34.20	274.90
602	374	-5.21e-002	-1.38	0.12	37.35	40.19	249.86
	396	-5.21e-002	-9.28	0.67	23.20	31.73	242.35
	397	0.23	-9.28	1.53	8.56	44.17	251.57
	376	0.23	-1.38	0.90	28.39	29.28	259.11
603	372	-0.29	-1.95	1.01	34.64	51.35	236.57
	395	-0.29	-7.86	1.55	5.21	62.40	243.77
	396	-5.21e-002	-7.86	0.65	25.17	36.47	251.99
	374	-5.21e-002	-1.95	0.17	36.43	36.80	244.79
604	370	1.99e-002	-2.20	1.31	33.20	71.40	219.76
	394	1.99e-002	-11.42	-0.34	5.78	76.42	219.34
	395	-0.29	-11.42	0.10	8.12	65.53	234.32

	372	-0.29	-2.20	1.75	29.31	47.56	234.75
605	368	0.77	-2.96	1.51	27.46	82.51	211.82
	393	0.77	-13.96	6.65e-002	16.66	64.17	212.08
	394	1.99e-002	-13.96	-0.25	5.54	90.74	213.83
	370	1.99e-002	-2.96	1.20	34.73	65.61	213.63
606	298	-2.99	-1.84	-0.22	77.58	42.60	250.07
	292	-2.99	-19.76	3.79	-96.97	-155.22	267.93
	393	0.77	-19.76	3.77	9.26	113.55	232.55
	368	0.77	-1.84	-0.23	32.88	60.61	213.59
607	391	-2.19e-002	-0.69	0.18	-42.82	-58.56	299.29
	390	-2.19e-002	0.93	-0.57	-36.94	-51.13	289.30
	392	-0.49	0.93	-0.16	-52.60	-51.73	284.98
	363	-0.49	-0.69	0.64	-61.57	-48.05	294.82
608	389	0.54	-0.70	0.70	-28.72	-57.80	302.30
	388	0.54	0.69	-0.12	-20.93	-49.75	300.31
	390	-2.19e-002	0.69	-0.46	-28.33	-55.38	295.75
	391	-2.19e-002	-0.70	0.16	-38.29	-63.23	297.76
609	387	-7.61e-003	-0.69	0.40	-15.85	-59.97	302.21
	386	-7.61e-003	0.69	0.82	20.71	-43.93	297.74
	388	0.54	0.69	1.06	-18.02	-50.58	300.99
	389	0.54	-0.69	0.63	-23.93	-58.18	305.45
610	385	-0.54	1.20	0.69	25.08	-50.30	294.22
	384	-0.54	0.49	1.19	30.20	-37.74	288.43
	386	-7.61e-003	0.49	0.90	-12.20	-41.55	294.87
	387	-7.61e-003	1.20	0.40	29.80	-54.60	300.65
611	383	-1.86e-002	1.70	0.36	27.41	-45.51	281.50
	382	-1.86e-002	0.45	-0.10	39.27	-36.28	280.73
	384	-0.54	0.45	0.38	16.82	-33.53	287.61
	385	-0.54	1.70	0.78	46.95	53.60	288.38
612	381	0.51	1.90	0.87	23.80	-45.39	277.22
	380	0.51	-0.57	0.53	32.14	-37.31	280.91
	382	-1.86e-002	-0.57	0.10	17.84	-39.60	282.62
	383	-1.86e-002	1.90	0.37	50.55	71.96	278.94
613	379	-2.01e-002	2.41	0.60	20.22	-54.42	271.61
	378	-2.01e-002	-0.68	1.24	33.96	-36.34	271.80
	380	0.51	-0.68	1.45	15.74	-37.87	279.16
	381	0.51	2.41	0.81	40.77	69.75	278.99
614	377	-0.42	3.28	0.82	34.89	-55.17	260.74
	376	-0.42	-1.11	1.54	42.22	34.36	255.95
	378	-2.01e-002	-1.11	1.31	14.45	34.24	266.51
	379	-2.01e-002	3.28	0.59	47.66	68.93	271.31
615	375	-1.41e-002	3.97	0.54	37.96	-57.70	239.48
	374	-1.41e-002	-1.38	0.60	54.31	34.17	238.01
	376	-0.42	-1.38	0.93	22.08	30.09	252.31
	377	-0.42	3.97	0.88	64.62	65.54	253.79
616	373	0.39	4.65	0.90	38.78	-38.17	225.84
	372	0.39	-1.95	1.07	50.15	45.84	228.03
	374	-1.41e-002	-1.95	0.67	24.11	38.85	235.85
	375	-1.41e-002	4.65	0.50	72.02	87.35	233.66
617	371	4.62e-002	5.68	0.59	45.10	29.44	215.66
	370	4.62e-002	-2.20	1.54	60.01	63.43	212.65
	372	0.39	-2.20	1.80	25.52	48.64	223.30
	373	0.39	5.68	0.86	68.90	103.35	226.36
618	369	-1.17	7.24	1.23	101.52	35.21	216.71
	368	-1.17	-2.96	1.97	81.28	85.97	200.29
	370	4.62e-002	-2.96	1.43	33.99	63.69	204.61
	371	4.62e-002	7.24	0.69	92.20	118.43	221.05
619	289	-1.06	7.90	-0.40	160.46	57.89	239.48
	298	-1.06	-1.84	-1.31	70.88	37.32	233.51
	368	-1.17	-1.84	0.32	55.53	61.91	207.37

	369	-1.17	7.90	1.18	150.93	67.41	213.08
620	353	-0.24	5.71	-0.47	42.57	226.48	184.40
	297	-0.24	6.17	-0.48	87.78	270.48	216.62
	289	-0.10	6.17	-0.35	126.99	380.28	214.94
	355	-0.10	5.71	-0.37	127.60	426.49	182.83
621	351	4.85e-002	4.51	-0.33	-31.09	-24.07	173.72
	295	4.85e-002	3.31	-0.47	59.12	16.72	214.36
	297	-0.24	3.31	-0.50	44.50	157.82	219.03
	353	-0.24	4.51	-0.37	52.36	187.55	178.60
622	281	-0.14	3.51	-0.39	-61.88	-166.42	161.68
	201	-0.14	1.26	-0.14	-126.68	-127.89	175.28
	295	4.85e-002	1.26	-0.43	-91.41	-82.91	197.63
	351	4.85e-002	3.51	-0.28	29.63	-60.30	184.02
623	354	-5.08e-002	4.84	0.77	19.53	254.47	145.64
	353	-5.08e-002	5.71	0.10	54.71	221.07	175.75
	355	-6.25e-002	5.71	0.34	60.32	421.20	201.53
	288	-6.25e-002	4.84	0.41	87.99	342.64	171.10
624	352	5.17e-002	6.25	0.11	19.28	25.10	169.58
	351	5.17e-002	4.51	-0.14	18.29	-21.07	174.35
	353	-5.08e-002	4.51	-0.31	28.18	184.18	168.99
	354	-5.08e-002	6.25	0.25	5.42	172.87	164.24
625	200	-6.09e-002	7.28	0.14	6.49	-184.37	167.10
	281	-6.09e-002	3.51	-0.40	33.17	-173.33	176.53
	351	5.17e-002	3.51	0.23	19.29	-56.35	180.43
	352	5.17e-002	7.28	9.28e-002	7.31	-50.66	171.00
626	347	0.10	4.17	-0.22	-38.13	68.18	176.39
	350	0.10	4.18	-0.76	-14.54	46.77	140.68
	283	0.12	4.18	0.33	-90.60	109.68	165.05
	348	0.12	4.17	-0.39	-51.75	46.73	201.30
627	346	2.83e-002	4.44	-0.32	-15.50	55.15	166.11
	349	2.83e-002	3.82	0.11	-4.64	52.48	157.82
	350	0.10	3.82	0.13	-10.08	47.46	158.39
	347	0.10	4.44	-0.50	-23.39	50.51	166.56
628	271	-6.73e-002	4.74	-0.60	-18.68	67.17	158.96
	195	-6.73e-002	3.81	0.16	-5.76	72.05	156.44
	349	2.83e-002	3.81	0.14	-2.90	51.85	160.22
	346	2.83e-002	4.74	-0.37	-15.73	56.27	162.82
629	345	-0.22	4.45	-0.25	-39.31	60.21	185.89
	347	-0.22	4.17	-0.28	-37.01	56.38	181.20
	348	3.36e-002	4.17	-0.33	-47.47	47.29	193.82
	282	3.36e-002	4.45	-0.19	-48.78	39.28	198.50
630	344	2.33e-002	4.93	-0.21	19.73	58.32	174.51
	346	2.33e-002	4.44	-0.42	-22.67	53.40	165.90
	347	-0.22	4.44	-0.47	-31.38	51.49	174.82
	345	-0.22	4.93	-0.24	-33.48	51.24	183.39
631	194	-0.34	5.63	-0.24	32.76	64.09	161.35
	271	-0.34	4.74	-0.54	-21.34	66.08	157.71
	346	2.33e-002	4.74	-0.47	-16.10	56.77	165.42
	344	2.33e-002	5.63	-0.20	-32.08	60.80	169.04
632	342	-2.02e-002	3.43	-0.53	-29.25	-23.25	199.48
	345	-2.02e-002	4.45	-0.27	-39.81	-37.25	193.96
	282	-1.31e-002	4.45	-0.27	-48.05	25.89	194.98
	343	-1.31e-002	3.43	-0.54	-35.02	-20.08	200.50
633	341	-1.69e-002	3.78	-0.54	18.67	49.06	195.52
	344	-1.69e-002	4.93	-0.27	-29.15	-50.09	185.22
	345	-2.02e-002	4.93	-0.27	-30.16	36.50	189.58
	342	-2.02e-002	3.78	-0.54	-31.38	-24.88	199.87
634	264	3.50e-002	4.22	-0.60	-25.79	84.49	174.80
	194	3.50e-002	5.63	-0.31	-35.86	-82.89	167.34
	344	-1.69e-002	5.63	-0.27	23.81	69.27	180.20

	341	-1.69e-002	4.22	-0.56	-25.49	53.35	187.68
635	340	-1.61e-002	2.35	-0.64	-27.97	-22.69	207.24
	342	-1.61e-002	3.43	-0.62	-29.98	-23.11	202.52
	343	-1.72e-002	3.43	-0.61	-36.51	-20.75	204.52
	290	-1.72e-002	2.35	-0.63	-31.30	-19.38	209.23
636	339	-1.73e-002	2.58	-0.65	-22.35	-38.50	199.41
	341	-1.73e-002	3.78	-0.63	-26.88	45.43	195.78
	342	-1.61e-002	3.78	-0.63	-27.51	-25.88	202.45
	340	-1.61e-002	2.58	-0.65	-27.09	-24.96	206.08
637	202	6.76e-002	2.83	-0.68	-24.23	68.63	175.91
	264	6.76e-002	4.22	-0.68	-24.25	79.63	171.85
	341	-1.73e-002	4.22	-0.66	-23.55	48.92	188.40
	339	-1.73e-002	2.83	-0.66	-26.12	44.03	192.47
638	337	1.79e-002	1.14	-0.80	-29.37	-21.08	211.43
	340	1.79e-002	2.35	-0.72	-29.41	-22.25	208.55
	290	1.50e-002	2.35	-0.71	-32.99	-19.25	211.13
	338	1.50e-002	1.14	-0.79	-31.78	-18.76	214.01
639	336	3.13e-002	1.24	-0.82	-22.77	-30.04	202.09
	339	3.13e-002	2.58	-0.74	-30.98	-34.88	200.72
	340	1.79e-002	2.58	-0.73	-26.58	-24.98	207.90
	337	1.79e-002	1.24	-0.81	-29.68	-22.32	209.27
640	257	6.96e-002	1.34	-0.82	-28.17	48.85	176.42
	202	6.96e-002	2.83	-0.74	-23.31	61.91	174.73
	339	3.13e-002	2.83	-0.75	-24.39	40.10	193.26
	336	3.13e-002	1.34	-0.82	-29.51	-34.60	194.94
641	334	2.21e-002	-0.26	-0.86	-31.97	-19.41	212.76
	337	2.21e-002	1.14	-0.83	-31.22	-20.36	211.86
	338	2.22e-002	1.14	-0.83	-32.58	-18.68	215.32
	335	2.22e-002	-0.26	-0.85	-33.08	-18.43	216.22
642	333	3.14e-002	-0.30	-0.87	-26.48	-23.29	202.38
	336	3.14e-002	1.24	-0.85	-35.00	-27.09	202.38
	337	2.21e-002	1.24	-0.84	-29.09	-21.99	210.30
	334	2.21e-002	-0.30	-0.86	-32.96	-20.08	210.30
643	253	5.60e-002	-0.35	-0.85	-33.57	-32.59	177.00
	257	5.60e-002	1.34	-0.84	-25.82	-42.60	176.48
	336	3.14e-002	1.34	-0.85	-27.49	-30.65	194.65
	333	3.14e-002	-0.35	-0.86	-34.15	-25.87	195.16
644	332	2.60e-002	-1.37	-0.78	-35.29	-19.58	211.80
	334	2.60e-002	-0.26	-0.85	-34.16	-19.18	212.70
	335	2.92e-002	-0.26	-0.85	-33.18	-18.42	216.44
	291	2.92e-002	-1.37	-0.77	-34.70	-18.42	215.55
645	331	2.71e-002	-1.52	-0.78	-32.39	-21.11	201.09
	333	2.71e-002	-0.30	-0.86	-39.86	-21.79	202.28
	334	2.60e-002	-0.30	-0.86	-32.58	-19.86	210.50
	332	2.60e-002	-1.52	-0.78	-37.40	-19.60	209.31
646	203	4.01e-002	-1.69	-0.76	-42.29	-24.95	176.76
	253	4.01e-002	-0.35	-0.84	-31.74	-28.62	177.19
	333	2.71e-002	-0.35	-0.86	-32.63	-23.38	194.51
	331	2.71e-002	-1.69	-0.78	-40.58	-21.64	194.08
647	329	2.54e-002	-2.45	-0.76	-40.28	-21.35	208.00
	332	2.54e-002	-1.37	-0.72	-37.14	-19.92	210.43
	291	2.88e-002	-1.37	-0.72	-35.94	-18.78	214.13
	330	2.88e-002	-2.45	-0.76	-35.59	22.49	211.69
648	328	2.47e-002	-2.71	-0.76	-40.38	-25.26	198.02
	331	2.47e-002	-1.52	-0.72	-45.00	-21.74	200.06
	332	2.54e-002	-1.52	-0.72	-38.54	-20.08	207.80
	329	2.54e-002	-2.71	-0.76	-41.61	23.30	205.75
649	246	1.94e-002	-3.02	-0.75	-53.67	-28.25	175.80
	203	1.94e-002	-1.69	-0.70	-42.29	-25.35	177.69
	331	2.47e-002	-1.69	-0.72	-40.34	-21.98	192.30

	328	2.47e-002	-3.02	-0.76	-48.50	-24.09	190.40
650	327	2.20e-002	-3.53	-0.35	-41.10	57.06	206.42
	329	2.20e-002	-2.45	-0.70	-48.75	-22.36	211.26
	330	2.36e-002	-2.45	-0.70	-32.32	20.75	215.26
	287	2.36e-002	-3.53	-0.35	-44.87	-48.95	210.41
651	326	2.48e-002	-3.92	-0.35	-46.97	56.07	196.70
	328	2.48e-002	-2.71	-0.70	-63.60	-27.42	201.54
	329	2.20e-002	-2.71	-0.70	-39.68	-22.63	209.04
	327	2.20e-002	-3.92	-0.35	-54.68	-54.63	204.20
652	199	1.81e-002	-4.37	-0.36	-63.26	49.15	179.09
	246	1.81e-002	-3.02	-0.70	-55.84	-31.03	179.42
	328	2.48e-002	-3.02	-0.70	-47.40	-27.30	192.38
	326	2.48e-002	-4.37	-0.36	-67.04	-55.81	192.02
653	323	1.95e-002	-3.48	-0.31	-24.21	-53.79	193.19
	327	1.95e-002	-3.53	-0.29	-41.99	-64.76	198.58
	287	-2.18e-002	-3.53	-0.31	-35.04	-32.21	204.25
	325	-2.18e-002	-3.48	-0.31	-21.41	-47.63	198.84
654	321	3.54e-002	-3.68	-0.31	-26.83	-61.20	183.96
	326	3.54e-002	-3.92	-0.31	-55.39	-70.21	189.30
	327	1.95e-002	-3.92	-0.29	-44.18	-38.28	197.88
	323	1.95e-002	-3.68	-0.31	-27.54	-56.04	192.49
655	239	0.10	-3.91	-0.34	37.58	-70.35	169.51
	199	0.10	-4.37	-0.33	-60.17	-74.70	172.65
	326	3.54e-002	-4.37	-0.32	-54.81	-47.02	185.22
	321	3.54e-002	-3.91	-0.33	-32.39	-63.39	181.99
656	324	5.46e-003	-3.67	0.10	-3.47	-58.93	188.89
	323	5.46e-003	-3.48	-0.22	-16.58	-52.55	190.33
	325	-0.13	-3.48	-0.22	-14.09	-50.00	195.53
	286	-0.13	-3.67	4.59e-002	-3.41	-51.22	194.08
657	322	0.11	-3.65	2.91e-002	-1.68	-69.42	180.45
	321	0.11	-3.68	-0.23	-22.93	-61.09	181.74
	323	5.46e-003	-3.68	-0.23	-17.55	-58.16	189.19
	324	5.46e-003	-3.65	8.87e-002	4.61	-61.92	187.90
658	198	3.02e-002	-3.81	-1.14e-002	5.91	-78.36	168.64
	239	3.02e-002	-3.91	-0.25	-23.11	-70.75	169.24
	321	0.11	-3.91	-0.24	-21.95	-66.25	178.73
	322	0.11	-3.81	-6.29e-002	4.70	-70.24	178.10
659	317	-1.08e-002	-4.31	0.41	-27.90	-266.06	-86.15
	320	-1.08e-002	-4.07	-3.98e-002	-2.70	-259.98	-92.29
	285	-0.22	-4.07	2.02e-002	5.43	-382.44	-100.88
	318	-0.22	-4.31	0.43	-11.07	-398.38	-93.45
660	316	0.15	-3.92	0.47	-33.91	-50.98	-89.22
	319	0.15	-4.80	2.27e-002	-7.24	-67.72	-95.96
	320	-1.08e-002	-4.80	-3.20e-002	-4.13	-200.99	-91.24
	317	-1.08e-002	-3.92	0.42	-15.96	-180.81	-86.71
661	229	0.11	-3.55	0.29	-22.04	139.96	-110.17
	197	0.11	-5.66	-2.68e-002	-13.82	117.15	-111.19
	319	0.15	-5.66	0.10	-8.23	28.31	-96.80
	316	0.15	-3.55	0.39	-21.54	31.18	-96.21
662	307	2.92e-002	-5.40	-0.69	-95.72	-245.97	-113.00
	317	2.92e-002	-4.31	0.16	-36.54	-255.04	-96.38
	318	3.66e-002	-4.31	0.24	-18.01	-418.36	-92.96
	284	3.66e-002	-5.40	-0.54	-152.21	-396.61	-107.74
663	306	1.89e-002	-2.79	-0.69	-53.22	18.98	-123.58
	316	1.89e-002	-3.92	0.19	-47.29	-28.23	-99.64
	317	2.92e-002	-3.92	0.18	-27.09	-191.30	-94.69
	307	2.92e-002	-2.79	-0.74	-62.18	-188.70	-115.74
664	196	5.29e-002	-1.01	-0.19	108.88	133.31	124.69
	229	5.29e-002	-3.55	0.39	-28.76	155.52	-104.86
	316	1.89e-002	-3.55	0.18	-34.76	32.75	-108.44

	306	1.89e-002	-1.01	-0.48	-71.85	59.12	-127.13
665	314	-1.05	0.92	2.39	-147.17	65.78	252.73
	304	-1.05	6.70	1.86	-135.70	24.79	224.50
	293	10.63	7.50	5.94	-274.43	124.81	259.79
	315	10.63	0.92	5.79	-172.70	-15.45	306.96
666	313	0.17	1.23	2.65	-95.62	37.56	231.65
	302	0.17	1.39	1.74	-94.71	37.97	220.77
	304	-1.05	1.39	1.56	-121.38	40.09	229.53
	314	-1.05	1.23	2.47	-118.54	30.55	240.30
667	312	-4.92	-0.31	2.40	-73.61	10.60	216.38
	205	-4.92	-2.44	2.11	-78.59	37.16	207.00
	302	0.17	-2.44	1.72	-77.61	52.11	212.42
	313	0.17	-0.31	2.03	-93.47	31.21	221.74
668	310	0.11	-0.85	4.53	-132.67	23.03	267.75
	314	0.11	0.92	4.56	-132.73	49.67	259.03
	315	-0.15	0.92	0.86	-159.58	5.36	283.33
	311	-0.15	-0.85	0.84	-132.64	6.26	292.12
669	309	6.99e-002	-1.07	3.66	-92.05	23.83	248.72
	313	6.99e-002	1.23	3.65	-105.54	35.22	231.97
	314	0.11	1.23	4.63	-130.54	28.03	245.61
	310	0.11	-1.07	4.64	-116.96	23.83	262.64
670	308	-0.31	0.37	0.76	-74.16	9.31	218.43
	312	-0.31	-0.31	0.76	-78.36	8.11	212.24
	313	6.99e-002	-0.31	3.03	-90.42	27.25	227.42
	309	6.99e-002	0.37	3.04	-87.50	23.45	233.79
671	300	1.16	-6.26	1.79	-101.98	41.36	313.08
	310	1.16	-0.85	2.37	-140.60	27.13	282.15
	311	-10.26	-0.85	5.60	-134.32	17.82	311.13
	292	-10.26	-7.02	5.69	-204.92	-96.40	338.61
672	299	-0.13	-1.08	1.79	-64.74	-24.20	273.00
	309	-0.13	-1.07	2.69	-100.49	21.91	253.00
	310	1.16	-1.07	2.47	-118.97	21.55	277.77
	300	1.16	-1.08	1.56	-94.85	-28.11	297.87
673	204	4.47	2.71	2.24	-70.95	-24.61	221.89
	308	4.47	0.37	2.45	-80.34	-12.99	219.55
	309	-0.13	0.37	2.08	-80.73	27.08	245.60
	299	-0.13	2.71	1.85	-73.52	-60.70	248.29
674	303	-0.34	1.74	-2.81	-70.24	33.14	207.83
	307	-0.34	-5.40	-1.18	-147.89	-148.88	163.02
	284	1.16	-5.40	-0.82	-157.34	102.98	-130.88
	305	1.16	1.74	-2.45	-176.73	-26.70	-171.70
675	301	-0.39	-0.49	-1.86	-67.52	68.55	206.99
	306	-0.39	-2.79	-0.88	-52.00	-106.01	160.11
	307	-0.34	-2.79	-1.24	-46.10	177.49	168.59
	303	-0.34	-0.49	-2.22	-123.94	19.82	214.69
676	222	-0.99	-2.11	-0.83	-75.08	48.53	157.10
	196	-0.99	-1.01	-0.10	121.06	29.62	138.93
	306	-0.39	-1.01	-0.75	-105.47	123.48	170.16
	301	-0.39	-2.11	-1.52	-51.57	56.41	188.43
677	304	-0.33	6.40	0.62	-118.01	17.16	227.46
	303	-0.33	1.74	-2.35	-95.68	48.09	192.50
	305	3.15	1.74	-1.22	-141.92	-28.65	-166.05
	293	3.15	6.67	1.95	-148.85	134.08	-185.98
678	302	-0.53	1.39	0.76	-82.33	40.75	212.06
	301	-0.53	-0.49	-1.28	-61.45	67.05	197.43
	303	-0.33	-0.49	-1.76	-83.04	19.42	201.41
	304	-0.33	1.39	0.29	-106.87	38.88	215.21
679	205	-2.60	-2.44	1.18	-50.65	36.30	171.85
	222	-2.60	-2.11	-0.51	-61.30	41.82	157.53
	301	-0.53	-2.11	-0.94	-50.41	43.99	187.10

	302	-0.53	-2.44	0.74	-72.04	57.08	201.34
680	296	0.39	-1.12	-2.23	38.05	-32.59	292.45
	300	0.39	-5.97	0.59	-85.63	20.09	316.61
	292	-2.99	-6.21	1.83	-90.18	-80.21	301.17
	298	-2.99	-1.12	-1.19	50.35	30.72	284.55
681	294	0.47	0.85	-1.12	42.45	-73.18	271.67
	299	0.47	-1.08	0.83	-77.42	-34.88	270.31
	300	0.39	-1.08	0.33	-80.53	26.81	300.31
	296	0.39	0.85	-1.64	46.01	25.89	301.72
682	212	2.51	2.48	-0.45	-78.21	-70.04	192.06
	204	2.51	2.71	1.28	-47.58	-29.44	194.02
	299	0.47	2.71	0.90	-64.06	-72.47	250.24
	294	0.47	2.48	-0.82	-57.79	-76.98	248.33
683	297	0.34	6.17	-1.03	97.10	57.33	257.57
	296	0.34	-1.12	-2.63	37.16	28.62	300.38
	298	-1.06	-1.12	-2.32	76.90	29.82	275.39
	289	-1.06	6.17	-0.72	134.81	-27.45	232.72
684	295	0.31	3.31	-0.71	30.91	39.63	238.97
	294	0.31	0.85	-1.67	-85.89	-90.10	280.30
	296	0.34	0.85	-2.03	40.07	22.93	302.89
	297	0.34	3.31	-1.07	27.39	-109.02	261.59
685	201	0.91	1.26	-0.11	-119.33	-89.48	183.39
	212	0.91	2.48	-0.75	-81.60	-88.90	196.29
	294	0.31	2.48	-1.37	52.88	-92.31	248.94
	295	0.31	1.26	-0.62	-103.59	-146.94	236.04
687	279	-0.11	3.43	0.70	-70.10	-206.05	149.37
	211	-0.11	0.89	0.45	-98.53	-132.22	140.73
	201	-0.14	0.89	-0.22	-178.66	-270.21	155.74
	281	-0.14	3.43	0.45	22.07	-213.92	164.38
688	277	-0.27	3.98	1.28	-44.03	-74.23	143.32
	209	-0.27	1.44	0.96	38.36	-39.06	122.51
	211	-0.11	1.44	0.64	-107.48	-210.33	135.73
	279	-0.11	3.98	0.96	-52.00	-184.92	156.56
689	275	0.80	4.97	1.69	37.18	35.54	121.65
	207	0.80	2.34	1.20	35.34	69.03	109.85
	209	-0.27	2.34	1.10	-65.53	-89.73	121.85
	277	-0.27	4.97	1.58	26.04	-64.09	133.63
690	183	0.33	5.34	0.31	59.19	175.18	123.52
	176	0.33	3.64	0.48	72.03	211.87	98.21
	207	0.80	3.64	1.14	62.99	21.78	101.61
	275	0.80	5.34	0.70	36.85	48.97	127.09
691	280	-0.66	7.99	-0.26	30.85	-216.69	175.83
	279	-0.66	3.43	0.36	-39.46	-205.02	162.08
	281	-6.09e-002	3.43	0.44	40.41	-209.89	166.09
	200	-6.09e-002	7.99	-0.42	3.90	-205.16	179.70
692	278	0.15	7.91	0.62	-7.33	-105.02	139.67
	277	0.15	3.98	0.87	27.05	-88.58	149.80
	279	-0.66	3.98	0.62	28.97	-176.88	167.44
	280	-0.66	7.91	0.33	26.85	-189.67	157.44
693	276	-0.28	9.73	-0.10	-10.86	39.80	141.71
	275	-0.28	4.97	1.27	22.54	33.16	137.13
	277	0.15	4.97	1.18	26.50	-63.43	139.12
	278	0.15	9.73	-0.19	6.31	-71.30	143.57
694	175	-0.81	13.11	1.71	94.75	192.93	163.37
	183	-0.81	5.34	0.18	45.44	174.83	140.00
	275	-0.28	5.34	0.29	32.91	55.77	136.87
	276	-0.28	13.11	1.96	16.11	54.11	161.32
695	270	-0.81	5.10	-0.53	-26.01	77.46	140.90
	274	-0.81	3.92	0.54	-27.46	97.10	150.25
	195	-6.73e-002	3.92	1.04	-3.62	80.53	161.15

	271	-6.73e-002	5.10	-0.34	-25.31	77.36	151.94
696	269	7.13e-002	5.34	-0.57	-31.82	79.71	125.54
	273	7.13e-002	4.31	-0.32	-5.85	78.15	118.23
	274	-0.81	4.31	-0.16	-25.57	94.11	132.72
	270	-0.81	5.34	-0.67	-22.89	74.10	139.99
697	268	-0.16	5.63	-0.76	-37.22	82.93	108.58
	272	-0.16	5.39	-2.14e-002	-16.36	89.95	113.57
	273	7.13e-002	5.39	0.11	-6.18	78.68	122.90
	269	7.13e-002	5.63	-0.66	-33.47	71.55	118.45
698	181	0.92	5.75	-0.33	-72.00	105.37	51.23
	170	0.92	7.59	-1.07	-70.34	208.32	82.04
	272	-0.16	7.59	-1.19	-12.54	84.12	126.42
	268	-0.16	5.75	-0.37	-49.03	105.82	93.53
699	267	-0.19	6.28	-0.27	45.59	93.31	143.91
	270	-0.19	5.10	-0.52	-37.16	78.81	142.02
	271	-0.34	5.10	-0.41	14.59	72.00	153.20
	194	-0.34	6.28	-0.24	-53.92	60.80	155.28
700	266	-0.11	6.46	-0.41	46.72	100.33	124.56
	269	-0.11	5.34	-0.78	-43.76	78.83	126.12
	270	-0.19	5.34	-0.66	-30.73	70.80	138.23
	267	-0.19	6.46	-0.30	-51.31	52.22	136.77
701	265	0.48	6.51	-0.52	-68.16	97.91	101.76
	268	0.48	5.63	-0.88	-64.25	82.53	104.69
	269	-0.11	5.63	-0.84	-34.14	66.25	120.74
	266	-0.11	6.51	-0.47	-71.81	47.26	118.18
702	169	0.29	6.81	-0.28	-82.30	107.77	67.66
	181	0.29	5.75	-0.50	-70.25	100.80	66.26
	268	0.48	5.75	-0.45	-49.48	87.25	91.72
	265	0.48	6.81	-0.49	-96.78	56.17	93.11
703	263	4.05e-002	4.56	-0.66	-28.41	105.15	143.10
	267	4.05e-002	6.28	-0.35	-45.84	-129.23	141.32
	194	3.50e-002	6.28	-0.32	36.18	119.09	162.25
	264	3.50e-002	4.56	-0.62	-34.76	96.72	164.03
704	262	5.08e-002	4.76	-0.74	-40.32	-93.52	119.96
	266	5.08e-002	6.46	-0.46	-52.69	-106.23	121.01
	267	4.05e-002	6.46	-0.40	44.28	108.81	134.09
	263	4.05e-002	4.76	-0.68	-36.74	98.66	133.02
705	261	7.83e-002	4.92	-0.76	-42.25	-109.23	97.74
	265	7.83e-002	6.51	-0.46	-81.09	-135.82	100.86
	266	5.08e-002	6.51	-0.46	-53.01	104.37	113.10
	262	5.08e-002	4.92	-0.76	-47.79	-95.05	110.70
706	193	5.49e-002	5.06	-0.73	-32.96	-117.39	73.30
	169	5.49e-002	6.81	-0.38	-93.42	-147.23	72.28
	265	7.83e-002	6.81	-0.42	-74.56	-130.29	89.25
	261	7.83e-002	5.06	-0.78	-51.59	-118.23	90.01
707	260	7.74e-002	3.03	-0.68	-25.17	77.07	147.49
	263	7.74e-002	4.56	-0.70	-30.06	96.40	146.30
	264	6.76e-002	4.56	-0.70	-25.04	87.53	163.65
	202	6.76e-002	3.03	-0.68	-24.03	72.73	164.79
708	259	6.74e-002	3.16	-0.68	-28.42	-80.07	121.82
	262	6.74e-002	4.76	-0.73	-33.28	-88.02	118.91
	263	7.74e-002	4.76	-0.72	-32.63	91.56	136.76
	260	7.74e-002	3.16	-0.67	-26.48	77.53	139.65
709	258	-9.07e-002	3.28	-0.70	-25.48	-86.73	94.04
	261	-9.07e-002	4.92	-0.78	-34.30	-100.17	94.50
	262	6.74e-002	4.92	-0.76	-38.77	-90.58	111.28
	259	6.74e-002	3.28	-0.68	-23.36	-80.96	110.74
710	177	-8.75e-002	3.35	-0.69	-22.77	-88.39	66.00
	193	-8.75e-002	5.06	-0.78	-39.43	-106.41	67.90
	261	-9.07e-002	5.06	-0.79	-38.73	-109.35	86.00

	258	-9.07e-002	3.35	-0.70	-21.98	-92.69	84.24
711	256	8.55e-002	1.42	-0.81	-23.30	-54.20	151.35
	260	8.55e-002	3.03	-0.74	-26.34	71.61	149.89
	202	6.96e-002	3.03	-0.74	-29.49	65.09	165.10
	257	6.96e-002	1.42	-0.81	-21.08	51.17	166.55
712	255	8.94e-002	1.47	-0.80	-21.67	-61.17	124.34
	259	8.94e-002	3.16	-0.73	-21.67	-73.02	121.76
	260	8.55e-002	3.16	-0.74	-23.57	70.44	141.60
	256	8.55e-002	1.47	-0.81	-27.09	-55.99	144.18
713	254	-0.10	1.51	-0.80	-17.87	-64.83	94.00
	258	-0.10	3.28	-0.74	-20.17	-79.24	93.23
	259	8.94e-002	3.28	-0.73	-23.99	-74.45	112.20
	255	8.94e-002	1.51	-0.79	-18.66	-61.79	112.81
714	190	-8.74e-002	1.51	-0.79	-15.85	-63.93	65.83
	177	-8.74e-002	3.35	-0.72	-24.34	-79.58	66.44
	258	-0.10	3.35	-0.74	-20.69	-83.34	84.28
	254	-0.10	1.51	-0.81	-18.08	-67.01	83.99
715	252	6.71e-002	-0.40	-0.84	-27.54	-36.13	153.83
	256	6.71e-002	1.42	-0.83	-28.93	-49.68	152.75
	257	5.60e-002	1.42	-0.83	-34.29	-44.99	167.03
	253	5.60e-002	-0.40	-0.84	-24.37	-33.97	168.12
716	251	7.59e-002	-0.44	-0.80	-26.50	-42.53	126.86
	255	7.59e-002	1.47	-0.80	-22.57	-53.73	124.93
	256	6.71e-002	1.47	-0.82	-22.42	-49.65	145.11
	252	6.71e-002	-0.44	-0.82	-33.02	-38.17	147.03
717	250	8.29e-002	-0.49	-0.79	-23.24	-46.22	95.45
	254	8.29e-002	1.51	-0.80	-20.08	-58.12	93.75
	255	7.59e-002	1.51	-0.80	-22.35	-54.94	114.07
	251	7.59e-002	-0.49	-0.79	-25.37	-43.60	115.68
718	189	7.54e-002	-0.54	-0.76	-18.96	-46.18	66.72
	190	7.54e-002	1.51	-0.77	-20.13	-57.03	65.81
	254	8.29e-002	1.51	-0.80	-19.55	-59.30	84.24
	250	8.29e-002	-0.54	-0.78	-22.59	-47.13	85.45
719	249	4.46e-002	-1.84	-0.75	-36.65	-27.81	155.90
	252	4.46e-002	-0.40	-0.83	-36.18	-33.26	155.03
	253	4.01e-002	-0.40	-0.83	-40.90	-30.04	168.05
	203	4.01e-002	-1.84	-0.76	-33.31	-25.72	168.92
720	248	5.39e-002	-1.96	-0.72	-36.60	-32.31	129.94
	251	5.39e-002	-0.44	-0.79	-30.99	-37.43	128.03
	252	4.46e-002	-0.44	-0.81	-28.58	-33.68	147.60
	249	4.46e-002	-1.96	-0.74	-42.95	-28.69	149.48
721	247	6.27e-002	-2.10	-0.70	-32.71	-37.36	99.02
	250	6.27e-002	-0.49	-0.77	-27.33	-41.91	96.28
	251	5.39e-002	-0.49	-0.78	-29.37	-38.77	116.77
	248	5.39e-002	-2.10	-0.71	-36.34	-33.64	119.46
722	178	6.85e-002	-2.23	-0.66	26.57	-40.08	69.73
	189	6.85e-002	-0.54	-0.73	-23.88	-42.63	67.43
	250	6.27e-002	-0.54	-0.77	-25.87	-42.74	86.45
	247	6.27e-002	-2.23	-0.69	31.66	-38.72	88.99
723	245	2.75e-002	-3.27	-0.74	-48.26	-34.30	158.40
	249	2.75e-002	-1.84	-0.69	-46.69	-28.09	155.74
	203	1.94e-002	-1.84	-0.70	-51.21	-25.93	168.67
	246	1.94e-002	-3.27	-0.74	-46.58	-30.42	171.32
724	244	2.70e-002	-3.46	-0.72	-49.79	-35.62	132.66
	248	2.70e-002	-1.96	-0.67	-42.98	-32.19	131.20
	249	2.75e-002	-1.96	-0.68	-40.61	-28.95	149.10
	245	2.75e-002	-3.46	-0.73	-53.79	-32.75	150.54
725	243	3.64e-002	-3.66	-0.69	44.79	-41.96	104.58
	247	3.64e-002	-2.10	-0.64	38.67	-37.75	100.41
	248	2.70e-002	-2.10	-0.66	-41.75	-33.81	119.73

	244	2.70e-002	-3.66	-0.71	-49.16	-37.27	123.83
726	188	5.23e-002	-3.84	-0.64	37.96	-44.58	74.57
	178	5.23e-002	-2.23	-0.61	33.54	-41.34	70.64
	247	3.64e-002	-2.23	-0.63	-36.25	-39.83	90.08
	243	3.64e-002	-3.84	-0.67	44.14	-47.14	94.09
727	242	2.59e-002	-4.74	-0.35	-67.05	62.85	160.46
	245	2.59e-002	-3.27	-0.70	-62.65	-38.03	163.96
	246	1.81e-002	-3.27	-0.69	-57.84	-33.09	175.35
	199	1.81e-002	-4.74	-0.34	-66.97	-76.43	171.86
728	241	1.70e-002	-4.98	-0.37	66.60	61.91	143.77
	244	1.70e-002	-3.46	-0.69	-60.76	-39.02	140.15
	245	2.59e-002	-3.46	-0.69	-53.24	-36.30	153.58
	242	2.59e-002	-4.98	-0.38	-76.06	-70.56	157.08
729	240	2.45e-002	-5.25	-0.37	65.92	67.14	119.48
	243	2.45e-002	-3.66	-0.67	-55.09	-45.90	112.58
	244	1.70e-002	-3.66	-0.67	55.29	-40.49	129.77
	241	1.70e-002	-5.25	-0.38	-69.35	-75.24	136.58
730	174	5.01e-002	-5.47	-0.33	67.70	69.73	87.89
	188	5.01e-002	-3.84	-0.61	-47.63	-49.59	79.08
	243	2.45e-002	-3.84	-0.64	50.44	-51.96	102.34
	240	2.45e-002	-5.47	-0.37	64.95	-80.76	111.07
731	237	5.93e-002	-4.12	-0.38	-34.34	-73.75	161.21
	242	5.93e-002	-4.74	-0.30	-67.51	-81.26	160.63
	199	0.10	-4.74	-0.28	-67.72	-51.57	166.54
	239	0.10	-4.12	-0.37	-32.56	-70.02	167.04
732	235	8.23e-002	-4.30	-0.41	37.82	-77.90	147.13
	241	8.23e-002	-4.98	-0.35	-63.43	-85.23	142.12
	242	5.93e-002	-4.98	-0.34	-63.03	-54.13	154.91
	237	5.93e-002	-4.30	-0.39	-39.22	-77.55	159.63
733	233	4.71e-002	-4.51	-0.44	36.43	-85.22	131.60
	240	4.71e-002	-5.25	-0.35	60.35	-88.74	120.57
	241	8.23e-002	-5.25	-0.35	-62.54	-57.93	135.49
	235	8.23e-002	-4.51	-0.44	36.79	-82.61	146.11
734	187	-0.30	-4.74	-0.49	40.03	-103.83	108.26
	174	-0.30	-5.47	-0.34	58.78	-90.91	89.35
	240	4.71e-002	-5.47	-0.33	61.17	-63.49	112.18
	233	4.71e-002	-4.74	-0.48	33.01	-92.98	130.94
735	238	0.23	-3.88	0.11	3.47	-84.54	160.84
	237	0.23	-4.12	-0.27	27.36	-77.85	160.73
	239	3.02e-002	-4.12	-0.26	28.62	-75.88	165.45
	198	3.02e-002	-3.88	0.18	-1.69	-81.16	165.54
736	236	-7.81e-003	-4.13	-7.70e-002	4.92	-89.53	150.10
	235	-7.81e-003	-4.30	-0.30	25.70	-81.39	148.77
	237	0.23	-4.30	-0.28	24.18	-78.30	157.64
	238	0.23	-4.13	-9.27e-002	7.10	-85.70	158.92
737	234	0.10	-4.42	4.98e-002	4.72	-98.79	140.31
	233	0.10	-4.51	-0.30	23.19	-90.52	136.14
	235	-7.81e-003	-4.51	-0.33	25.44	-83.47	144.67
	236	-7.81e-003	-4.42	6.87e-002	5.04	-90.81	148.77
738	173	-1.22e-002	-4.76	-6.03e-002	19.13	-129.48	130.50
	187	-1.22e-002	-4.74	-0.46	21.94	-114.68	117.60
	233	0.10	-4.74	-0.34	23.04	-94.48	130.04
	234	0.10	-4.76	-0.10	4.25	-103.98	142.80
739	228	0.28	-3.49	0.27	-20.42	152.97	133.63
	232	0.28	-5.96	-0.12	-9.03	124.74	132.23
	197	0.11	-5.96	-0.17	-1.19	123.15	118.87
	229	0.11	-3.49	0.24	-28.53	147.95	120.15
740	227	1.90e-002	-3.73	-0.22	-17.79	81.65	149.50
	231	1.90e-002	-6.07	6.50e-002	-5.26	75.10	140.61
	232	0.28	-6.07	0.10	-11.40	119.96	133.42

	228	0.28	-3.73	0.22	-17.17	132.23	141.97
741	226	6.71e-002	-4.17	-0.19	-17.24	-33.57	144.74
	230	6.71e-002	-6.00	-0.10	-4.58	-38.14	138.48
	231	1.90e-002	-6.00	-7.94e-002	-3.36	48.15	142.54
	227	1.90e-002	-4.17	-0.24	-16.32	38.26	148.72
742	186	-6.20e-002	-4.71	-0.39	24.57	-123.85	124.87
	172	-6.20e-002	-5.93	-8.99e-002	-10.93	-108.85	120.69
	230	6.71e-002	-5.93	6.82e-002	5.43	-60.00	137.95
	226	6.71e-002	-4.71	0.24	-15.51	-76.18	142.26
743	225	5.04e-002	0.75	0.29	120.68	166.36	133.38
	228	5.04e-002	-3.49	0.41	-26.65	159.41	134.75
	229	5.29e-002	-3.49	0.33	-25.62	166.61	117.71
	196	5.29e-002	0.75	0.21	128.47	234.23	115.85
744	224	5.10e-002	-1.30	0.70	-54.90	51.92	124.53
	227	5.10e-002	-3.73	0.46	-31.81	76.17	138.45
	228	5.04e-002	-3.73	0.33	-27.00	147.79	142.25
	225	5.04e-002	-1.30	0.56	102.71	169.08	128.25
745	223	1.73e-002	-2.63	0.80	-30.83	-61.57	116.51
	226	1.73e-002	-4.17	0.47	-25.28	-44.85	132.20
	227	5.10e-002	-4.17	0.47	-24.53	46.19	141.56
	224	5.10e-002	-2.63	0.80	-39.43	47.72	125.94
746	171	-0.31	-4.00	0.77	-65.40	-195.68	106.03
	186	-0.31	-4.71	0.53	-26.87	-143.38	117.80
	226	1.73e-002	-4.71	0.53	-24.99	-68.52	128.31
	223	1.73e-002	-4.00	0.77	-38.40	-36.74	116.55
747	220	-0.87	-2.74	0.90	-52.07	59.49	80.53
	225	-0.87	0.75	0.79	142.16	130.66	96.88
	196	-0.99	0.75	0.13	146.78	73.35	142.31
	222	-0.99	-2.74	0.24	-81.18	57.86	125.73
748	218	6.08e-002	-3.21	1.94	-22.03	66.57	66.60
	224	6.08e-002	-1.30	0.81	83.70	177.47	91.41
	225	-0.87	-1.30	0.87	-89.40	-44.26	98.16
	220	-0.87	-3.21	2.00	80.17	80.77	73.19
749	216	-1.97e-002	-2.44	1.94	-39.46	58.01	-70.50
	223	-1.97e-002	-2.63	0.76	-39.39	188.62	87.54
	224	6.08e-002	-2.63	0.79	-28.60	-95.65	88.12
	218	6.08e-002	-2.44	1.97	53.55	73.60	70.75
750	185	0.56	-1.54	2.12	-71.14	-54.77	-61.25
	171	0.56	-4.00	1.19	-55.37	158.15	76.58
	223	-1.97e-002	-4.00	0.85	-61.04	-112.71	85.37
	216	-1.97e-002	-1.54	1.79	-24.13	65.08	-69.16
751	221	-2.02e-002	-10.62	2.73	-7.58	67.78	75.20
	220	-2.02e-002	-2.74	0.82	-50.56	48.94	89.83
	222	-2.60	-2.74	0.53	-64.28	37.42	135.99
	205	-2.60	-10.62	2.44	-44.10	129.81	118.81
752	219	6.88e-003	-5.06	-0.31	7.86	82.14	76.22
	218	6.88e-003	-3.21	1.59	-21.52	62.16	81.21
	220	-2.02e-002	-3.21	1.93	-36.29	81.07	78.98
	221	-2.02e-002	-5.06	3.70e-002	-9.22	64.04	74.23
753	217	-1.26e-002	-2.17	-0.17	6.96	-61.00	79.29
	216	-1.26e-002	-2.44	1.72	-19.69	-53.52	85.10
	218	6.88e-003	-2.44	1.62	-21.58	83.29	83.90
	219	6.88e-003	-2.17	-0.28	-3.51	75.75	77.94
754	180	-0.60	1.16	-0.11	-7.25	-58.31	-69.16
	185	-0.60	-1.54	1.56	-37.72	-55.01	-72.76
	216	-1.26e-002	-1.54	1.57	-17.44	70.51	83.19
	217	-1.26e-002	1.16	-0.11	-7.35	-63.38	78.93
755	210	2.56e-002	3.03	0.90	-58.40	-98.55	109.96
	215	2.56e-002	11.27	2.79	6.21	-117.73	83.30
	204	2.51	11.27	2.47	-68.44	-88.13	132.73

	212	2.51	3.03	0.58	-56.77	-72.00	161.55
756	208	-7.65e-003	3.42	1.67	21.74	-152.49	103.24
	214	-7.65e-003	5.49	-0.33	-10.04	-170.28	96.92
	215	2.56e-002	5.49	3.84e-002	9.84	-126.31	92.73
	210	2.56e-002	3.42	2.04	-40.01	-136.35	98.87
757	206	1.66e-002	2.47	1.84	22.82	-183.46	100.84
	213	1.66e-002	2.44	-0.17	-6.35	-178.79	93.07
	214	-7.65e-003	2.44	-0.29	3.69	-187.01	98.51
	208	-7.65e-003	2.47	1.72	22.48	-188.24	106.40
758	184	0.63	1.48	1.70	33.57	122.16	68.21
	179	0.63	-1.13	-8.50e-002	5.22	118.69	66.09
	213	1.66e-002	-1.13	-9.22e-002	8.60	-185.81	86.62
	206	1.66e-002	1.48	1.70	19.70	-209.96	89.15
759	211	0.86	0.89	0.90	-125.46	-178.68	122.87
	210	0.86	3.03	0.98	-52.32	-111.47	103.20
	212	0.91	3.03	0.31	-101.65	-104.38	154.04
	201	0.91	0.89	0.23	-114.46	-140.27	173.93
760	209	-7.77e-002	1.44	1.04	-65.84	-219.39	116.46
	208	-7.77e-002	3.42	2.15	26.96	-153.96	93.96
	210	0.86	3.42	2.11	-74.45	-137.19	99.00
	211	0.86	1.44	1.01	-81.00	79.44	121.51
761	207	4.99e-002	2.34	0.95	57.65	-315.11	98.54
	206	4.99e-002	2.47	2.12	31.31	-198.25	88.22
	208	-7.77e-002	2.47	2.20	-46.56	-180.01	99.71
	209	-7.77e-002	2.34	1.02	29.41	83.19	110.34
762	176	-0.54	3.64	1.19	55.54	-278.70	66.91
	184	-0.54	1.48	2.16	71.03	137.58	-50.10
	206	4.99e-002	1.48	1.98	25.48	-211.28	75.93
	207	4.99e-002	3.64	1.00	44.27	111.08	94.60
763	149	-4.93e-002	5.17	-0.79	-28.42	80.22	42.41
	38	-4.93e-002	7.07	-0.51	-51.62	-66.79	35.70
	169	5.49e-002	7.07	-0.43	-60.69	147.24	58.34
	193	5.49e-002	5.17	-0.72	-56.16	-109.84	63.70
764	54	-3.38e-002	3.43	-0.71	-25.17	67.52	41.12
	149	-3.38e-002	5.17	-0.78	-33.85	77.13	39.28
	193	-8.75e-002	5.17	-0.76	-35.40	-98.97	55.95
	177	-8.75e-002	3.43	-0.69	-27.81	-81.90	57.79
765	157	-3.95e-002	1.51	-0.85	-16.46	50.52	40.71
	54	-3.95e-002	3.43	-0.78	-26.66	61.49	41.53
	177	-8.74e-002	3.43	-0.72	-20.68	-73.58	57.62
	190	-8.74e-002	1.51	-0.79	-18.86	-59.81	57.59
766	162	4.76e-002	-0.61	-0.83	-14.55	37.10	41.49
	157	4.76e-002	1.51	-0.85	-18.95	45.31	41.14
	190	7.54e-002	1.51	-0.78	-17.64	-53.46	57.21
	189	7.54e-002	-0.61	-0.75	-18.40	-44.00	58.26
767	55	0.10	-2.41	-0.69	21.98	-33.02	44.69
	162	0.10	-0.61	-0.78	-16.06	-34.56	43.01
	189	6.85e-002	-0.61	-0.73	-21.26	-41.03	58.70
	178	6.85e-002	-2.41	-0.64	-24.96	-39.59	60.96
768	28	7.19e-002	-4.04	-0.58	32.52	-37.70	47.30
	55	7.19e-002	-2.41	-0.58	22.71	-34.17	46.22
	178	5.23e-002	-2.41	-0.59	29.75	-42.07	61.78
	188	5.23e-002	-4.04	-0.59	37.51	49.62	63.57
769	47	4.58e-002	-5.68	-0.24	62.76	76.14	49.09
	28	4.58e-002	-4.04	-0.48	-29.07	-43.73	47.15
	188	5.01e-002	-4.04	-0.55	47.34	-53.85	71.07
	174	5.01e-002	-5.68	-0.31	55.32	-63.33	73.88
770	141	-0.17	-4.71	-0.33	42.19	-120.93	50.89
	47	-0.17	-5.68	-0.21	50.27	-97.02	40.80
	174	-0.30	-5.68	-0.34	61.70	-72.65	81.02

	187	-0.30	-4.71	-0.30	32.89	-125.01	90.55
771	46	-0.35	-6.20	-0.90	64.78	-307.40	76.12
	141	-0.35	-4.71	-0.32	77.81	-137.55	38.14
	187	-1.22e-002	-4.71	-0.16	35.82	-153.46	97.03
	173	-1.22e-002	-6.20	-0.95	10.43	-119.37	141.82
772	130	-0.50	-4.69	0.26	-39.32	-159.67	50.30
	45	-0.50	-7.42	1.05	40.68	-121.32	-52.06
	172	-6.20e-002	-7.42	-1.00	13.28	-146.98	110.79
	186	-6.20e-002	-4.69	7.44e-002	18.75	-151.63	107.64
773	44	-0.22	-5.39	0.29	-118.76	-274.78	49.50
	130	-0.22	-4.69	0.28	27.77	-195.48	56.38
	186	-0.31	-4.69	0.33	-25.59	-164.45	98.52
	171	-0.31	-5.39	0.61	-89.02	-161.57	91.11
774	122	0.88	-1.47	0.49	-84.92	-49.52	-37.25
	44	0.88	-5.39	0.22	-110.77	89.37	43.41
	171	0.56	-5.39	1.14	-112.70	-83.18	-60.92
	185	0.56	-1.47	1.42	-42.61	-51.15	-55.54
775	57	1.92	5.76	2.03	-45.12	75.04	-46.81
	122	1.92	-1.47	1.01	-61.05	-51.73	-39.52
	185	-0.60	-1.47	0.86	-40.58	-50.96	-65.49
	180	-0.60	5.76	1.88	-14.10	-65.86	-70.99
776	101	-1.87	1.41	1.05	51.06	61.45	34.47
	56	-1.87	-6.17	2.09	39.45	81.68	-42.03
	179	0.63	-6.17	1.99	14.45	92.14	-65.18
	184	0.63	1.41	0.95	36.24	86.30	58.18
777	49	-0.85	5.73	0.25	114.84	59.89	46.09
	101	-0.85	1.41	0.54	78.70	57.26	-29.79
	184	-0.54	1.41	1.40	34.67	85.51	-39.01
	176	-0.54	5.73	1.09	108.00	65.42	54.78
778	85	-0.52	5.85	0.56	77.93	251.03	73.29
	49	-0.52	5.73	0.41	152.49	295.80	51.58
	176	0.33	5.73	0.35	82.56	182.72	86.98
	183	0.33	5.85	0.55	65.01	194.47	109.28
779	48	0.12	4.75	1.88	24.31	170.54	62.99
	85	0.12	5.85	0.46	73.91	222.35	69.60
	183	-0.81	5.85	0.44	64.75	184.96	135.77
	175	-0.81	4.75	1.50	63.83	136.14	127.40
780	93	0.34	0.52	1.00	-27.33	131.91	-38.92
	48	0.34	4.75	1.95	25.83	125.54	65.05
	175	-2.07	4.75	2.56	141.24	130.96	103.12
	182	-2.07	0.52	1.61	-9.67	60.98	65.11
781	39	0.62	3.36	-1.13	-71.05	118.51	-29.97
	93	0.62	0.52	-0.63	-61.88	141.02	-39.41
	182	-4.13	0.52	-0.94	-15.26	34.38	-60.80
	170	-4.13	3.36	-1.52	-147.92	110.64	-46.29
782	77	-0.15	5.89	-0.94	-42.48	106.04	27.78
	39	-0.15	3.36	-1.48	-65.95	109.87	-29.37
	170	0.92	3.36	-1.05	-91.97	120.04	41.38
	181	0.92	5.89	-0.47	-58.02	87.76	46.90
783	38	-0.29	7.07	-0.69	-56.02	122.06	33.86
	77	-0.29	5.89	-0.90	-49.76	104.04	30.77
	181	0.29	5.89	0.67	-59.60	80.74	50.47
	169	0.29	7.07	-0.37	-72.73	46.32	54.88
784	17	0.21	-4.34	0.27	20.97	28.99	30.20
	144	0.21	-5.90	0.10	38.53	-42.23	19.00
	47	4.58e-002	-5.90	0.19	-33.45	33.65	34.63
	28	4.58e-002	-4.34	0.36	-42.46	32.27	45.24
785	165	0.23	-2.72	0.50	-15.73	19.22	30.03
	17	0.23	-4.34	0.36	-22.95	24.18	30.82
	28	7.19e-002	-4.34	0.46	-25.72	32.03	41.25

	55	7.19e-002	-2.72	0.60	-24.76	27.89	39.99
786	161	0.25	-0.76	0.78	-6.25	17.02	21.22
	165	0.25	-2.72	0.61	-16.80	16.78	25.37
	55	0.10	-2.72	0.72	-15.07	26.57	39.92
	162	0.10	-0.76	0.88	15.78	27.71	35.07
787	156	2.34e-002	1.56	0.91	15.53	-26.72	18.38
	161	2.34e-002	-0.76	0.87	7.42	-18.95	19.40
	162	4.76e-002	-0.76	0.93	11.12	-30.41	34.70
	157	4.76e-002	1.56	0.96	16.21	-38.15	33.14
788	152	-0.26	3.60	0.71	27.12	-41.48	18.94
	156	-0.26	1.56	0.86	18.54	-30.27	17.79
	157	-3.95e-002	1.56	0.96	19.22	-43.24	33.03
	54	-3.95e-002	3.60	0.81	23.50	-51.10	34.42
789	148	-0.26	5.28	0.59	22.75	-50.57	20.00
	152	-0.26	3.60	0.65	24.60	-46.10	21.94
	54	-3.38e-002	3.60	0.74	27.68	-54.93	32.82
	149	-3.38e-002	5.28	0.69	29.75	-62.68	30.99
790	76	-0.23	6.88	0.39	-28.24	-20.80	13.49
	148	-0.23	5.28	0.58	-24.31	-52.06	21.84
	149	-4.93e-002	5.28	0.70	39.23	-68.61	34.38
	38	-4.93e-002	6.88	0.51	-31.66	-109.38	25.30
791	140	-0.21	-4.75	0.33	37.90	-95.13	-21.09
	144	-0.21	-5.90	-9.37e-002	-25.25	-85.64	9.55
	47	-0.17	-5.90	-0.15	42.56	-74.88	36.23
	141	-0.17	-4.75	-0.39	42.79	-117.89	33.42
792	133	-0.39	-3.49	-1.09	68.99	-117.03	-27.71
	140	-0.39	-4.75	-0.10	60.34	-96.66	-21.62
	141	-0.35	-4.75	-0.28	45.57	-129.69	34.56
	46	-0.35	-3.42	-0.91	98.83	-146.84	36.31
793	129	-0.34	-4.65	8.78e-002	13.37	-120.55	-22.36
	133	-0.34	-3.66	-1.17	73.21	-126.09	-34.82
	45	-0.50	-3.61	1.07	43.26	-117.31	-36.55
	130	-0.50	-4.65	0.28	17.63	-165.53	-33.70
794	125	-0.18	-5.48	-0.23	-106.89	-142.99	-14.51
	129	-0.18	-4.65	-0.40	-14.81	-139.41	-19.57
	130	-0.22	-4.65	0.38	-24.70	-179.85	-32.14
	44	-0.22	-5.48	6.78e-002	-109.41	-211.02	-28.23
795	121	0.15	-1.90	-0.78	-66.01	-26.10	16.94
	125	0.15	-5.48	-0.54	-124.76	-46.15	-15.56
	44	0.88	-5.48	-0.10	-130.48	-13.40	-24.24
	122	0.88	-1.90	-0.33	-77.69	-31.97	-24.53
796	117	-7.68e-002	1.40	0.28	-40.43	-19.32	15.04
	121	-7.68e-002	-1.90	-0.57	-59.19	-23.04	15.84
	122	1.92	-1.90	0.20	-70.55	-32.23	-27.74
	57	1.92	1.40	1.00	-53.41	41.91	-22.74
797	113	-0.37	0.24	1.66	-23.65	19.91	33.71
	117	-0.37	1.40	0.95	-39.77	17.67	21.55
	57	6.35	1.40	2.17	-92.25	36.02	22.78
	114	6.35	0.24	2.89	-33.09	-9.05	41.90
798	108	6.48e-002	-0.29	2.92	15.08	24.46	37.45
	113	6.48e-002	0.24	2.88	-17.40	13.95	36.82
	114	-0.32	0.24	0.90	-23.38	5.17	39.62
	109	-0.32	-0.29	0.94	25.38	5.25	40.07
799	104	0.49	-1.55	1.02	37.22	37.57	32.03
	108	0.49	-0.29	1.73	27.05	33.85	36.94
	109	-6.17	-0.29	2.98	30.95	11.49	42.84
	56	-6.17	-1.55	2.27	92.23	46.31	24.11
800	100	0.15	1.83	-0.47	51.13	47.37	29.67
	104	0.15	-1.55	0.35	35.09	39.87	26.56
	56	-1.87	-1.55	1.04	53.53	55.90	24.90

	101	-1.87	1.83	0.24	58.24	47.42	30.66
801	88	-0.10	5.83	-0.37	125.13	34.06	24.54
	100	-0.10	1.83	-0.60	63.33	48.96	27.03
	101	-0.85	1.83	-0.30	61.69	53.67	28.07
	49	-0.85	5.83	0.13	152.00	67.14	26.73
802	84	0.10	4.99	0.16	70.33	152.43	-15.63
	88	0.10	5.83	7.95e-002	132.72	164.59	-18.37
	49	-0.52	5.83	0.32	129.64	225.13	39.79
	85	-0.52	4.99	0.40	113.71	217.79	-33.95
803	96	0.34	3.62	0.92	-9.22	131.07	-22.02
	84	0.34	4.99	0.34	62.14	144.03	-16.61
	85	0.12	4.99	0.66	54.54	203.74	40.63
	48	0.12	3.62	1.19	31.28	168.02	-39.29
804	92	0.57	2.51	0.83	-45.76	105.33	-28.87
	96	0.57	3.62	0.96	-10.06	119.94	-23.43
	48	0.34	3.62	1.25	-13.41	152.99	-33.23
	93	0.34	2.51	1.11	-34.56	134.71	-33.69
805	80	0.64	3.50	-0.48	-63.72	97.53	-23.80
	92	0.64	2.51	-0.69	-49.64	103.42	-27.39
	93	0.62	2.51	-0.76	-52.91	122.17	-33.40
	39	0.62	3.50	-0.61	-70.52	117.91	-30.52
806	75	0.49	5.62	-0.50	-28.35	99.00	-16.84
	80	0.49	3.50	-0.52	-49.84	95.33	-23.64
	39	-0.15	3.50	-0.94	-58.24	112.72	-27.07
	77	-0.15	5.62	-1.02	-36.92	85.24	22.01
807	76	-0.16	6.88	-0.41	44.71	121.11	8.03
	75	-0.16	5.62	-0.62	-18.52	101.17	-13.01
	77	-0.29	5.62	-0.93	-31.48	75.91	22.18
	38	-0.29	6.88	-0.70	-28.74	42.93	25.85

SFORZI "Dinamica SLDh Y" (Fase 1)

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
206	230	-155.20	0.00	0.00	0.00	0.00	0.00
	234	155.20	0.00	0.00	0.00	0.00	0.00
207	232	-148.38	0.00	0.00	0.00	0.00	0.00
	238	148.38	0.00	0.00	0.00	0.00	0.00
208	319	-49.79	0.00	0.00	0.00	0.00	0.00
	322	49.79	0.00	0.00	0.00	0.00	0.00
209	285	77.45	0.00	0.00	0.00	0.00	0.00
	286	-77.45	0.00	0.00	0.00	0.00	0.00
210	456	84.12	0.00	0.00	0.00	0.00	0.00
	470	-84.12	0.00	0.00	0.00	0.00	0.00
211	458	-19.40	0.00	0.00	0.00	0.00	0.00
	474	19.40	0.00	0.00	0.00	0.00	0.00
212	460	-78.62	0.00	0.00	0.00	0.00	0.00
	478	78.62	0.00	0.00	0.00	0.00	0.00
213	462	-102.04	0.00	0.00	0.00	0.00	0.00
	482	102.04	0.00	0.00	0.00	0.00	0.00
214	464	-80.98	0.00	0.00	0.00	0.00	0.00
	486	80.98	0.00	0.00	0.00	0.00	0.00
215	12	-37.37	0.00	0.00	0.00	0.00	0.00
	16	37.37	0.00	0.00	0.00	0.00	0.00
216	466	-46.18	0.00	0.00	0.00	0.00	0.00
	490	46.18	0.00	0.00	0.00	0.00	0.00
371	137	-69.27	0.00	0.00	0.00	0.00	0.00
	135	69.27	0.00	0.00	0.00	0.00	0.00

11	681	86.20	16.31	-0.14	-3.76	3.14	70.86
	63	-86.20	-16.31	0.14	3.76	7.98	1285.38
12	66	79.06	12.17	0.10	4.73	5.22	958.24
	681	-79.06	-12.17	-0.10	-4.73	-3.88	-70.84
13	681	-78.73	13.02	0.13	4.24	-3.95	-70.76
	65	78.73	-13.02	-0.13	-4.24	-7.13	1010.87
14	64	-86.14	17.15	-0.15	-3.45	8.26	1365.56
	681	86.14	-17.15	0.15	3.45	4.13	72.57
15	679	1695.17	21.97	-172.25	5.16e-016	13873.36	1236.30
	627	-1695.17	-21.97	172.25	-5.16e-016	5444.39	-1645.31
16	20	1695.17	46.29	-356.51	-1.28e-013	38229.31	3864.44
	679	-1695.17	-46.29	356.51	1.28e-013	-13873.36	-1236.30
17	678	-1692.60	-30.87	-172.41	-1.17e-013	13901.01	-3180.17
	625	1692.60	30.87	172.41	1.17e-013	5434.31	1344.38
18	10	-1692.60	-46.51	-356.64	-1.62e-013	38266.56	-5773.03
	678	1692.60	46.51	356.64	1.62e-013	-13901.01	3180.17
19	627	1695.17	27.42	90.74	0.00	-5444.39	1645.31
	710	-1695.17	-27.42	-90.74	0.00	0.00	0.00
20	625	-1692.60	-22.41	90.57	0.00	-5434.31	-1344.38
	60	1692.60	22.41	-90.57	0.00	0.00	0.00
21	138	-948.95	27.25	-139.03	0.00	33367.59	6540.04
	701	948.95	-27.25	139.03	0.00	0.00	0.00
22	134	884.99	-44.05	-139.73	0.00	33534.67	-10571.27
	698	-884.99	44.05	139.73	0.00	0.00	0.00
23	624	10.07	126.06	16.37	3.94	-859.31	7007.87
	623	-10.07	-126.06	-16.37	-3.94	-974.68	7110.80
24	624	-14.83	53.76	-55.08	0.00	5508.22	5375.94
	703	14.83	-53.76	55.08	0.00	0.00	0.00
25	696	123.92	55.58	-120.66	-859.31	21717.04	5975.69
	624	-123.92	-55.58	120.66	859.31	-5510.31	1893.35
26	623	44.14	49.56	-65.47	0.00	6547.23	4956.20
	702	-44.14	-49.56	65.47	0.00	0.00	0.00
27	697	-105.58	64.75	-105.11	-974.68	21009.30	6815.86
	623	105.58	-64.75	105.11	974.68	-6544.24	2292.95
28	166	-38.68	-1.86e-002	-28.68	-0.44	1131.57	2.95
	110	38.68	1.86e-002	28.68	0.44	2387.13	-3.95
29	118	-40.63	-1.86e-002	59.29	-0.44	-3792.23	2.49
	166	40.63	1.86e-002	-59.29	0.44	-1131.57	-2.95
30	158	7.07	-6.77e-005	-32.73	-0.44	1196.06	3.41e-002
	69	-7.07	6.77e-005	32.73	0.44	2763.35	-3.72e-002
31	74	4.16	-6.77e-005	62.43	-0.44	-4021.76	3.15e-002
	158	-4.16	6.77e-005	-62.43	0.44	-1196.06	-3.41e-002
32	153	-3.05	3.36e-006	-31.45	-0.44	1200.86	3.55e-004
	70	3.05	-3.36e-006	31.45	0.44	2499.43	2.82e-004
33	81	-6.20	3.36e-006	57.85	-0.44	-3661.70	5.63e-004
	153	6.20	-3.36e-006	-57.85	0.44	-1200.86	-3.55e-004
34	145	15.93	-3.86e-005	-26.34	-0.44	1187.31	3.69e-006
	73	-15.93	3.86e-005	26.34	0.44	1718.02	-3.09e-003
35	89	11.29	-3.86e-005	47.43	-0.44	-2788.82	-3.09e-003
	145	-11.29	3.86e-005	-47.43	0.44	-1187.31	-3.69e-006
36	136	-22.49	-1.04e-002	-24.15	-0.44	1267.82	4.31e-008
	97	22.49	1.04e-002	24.15	0.44	1071.44	-0.83
37	105	-28.52	-1.04e-002	38.41	-0.44	-1919.09	-0.83

	136	28.52	1.04e-002	-38.41	0.44	-1267.82	-4.31e-008
38	118	-483.46	7.22e-003	-61.30	0.82	2171.19	0.63
	74	483.46	-7.22e-003	61.30	-0.82	1998.76	-0.16
39	579	-594.29	-1.18e-002	-97.35	2.37	0.00	0.00
	118	594.29	1.18e-002	97.35	-2.37	1704.84	-0.21
40	110	-335.40	-7.22e-003	48.39	0.87	-1917.99	-0.63
	69	335.40	7.22e-003	-48.39	-0.87	-1368.80	0.16
41	516	-397.46	1.18e-002	38.70	4.76	0.00	0.00
	110	397.46	-1.18e-002	-38.70	-4.76	-677.70	0.21
42	105	-6.03	1.77e-002	-1.28	1.27e-016	22.48	0.31
	68	6.03	-1.77e-002	1.28	-1.27e-016	2.39e-010	1.46e-011
43	89	-100.33	7.32e-003	-38.54	0.83	749.93	0.36
	105	100.33	-7.32e-003	38.54	-0.83	1899.69	0.13
44	97	-5.68	-1.77e-002	1.30	2.35e-016	-22.77	-0.31
	67	5.68	1.77e-002	-1.30	-2.35e-016	3.22e-010	-1.46e-011
45	73	-80.96	-7.32e-003	22.22	0.83	-643.34	-0.36
	97	80.96	7.32e-003	-22.22	-0.83	-1059.01	-0.13
46	81	-220.65	7.28e-003	-45.40	0.84	1251.37	0.47
	89	220.65	-7.28e-003	45.40	-0.84	2169.95	8.30e-002
47	74	-351.38	7.29e-003	-59.77	0.84	2068.58	0.58
	81	351.38	-7.29e-003	59.77	-0.84	2431.16	6.11e-002
48	70	-169.87	-7.28e-003	33.04	0.84	-839.47	-0.47
	73	169.87	7.28e-003	-33.04	-0.84	-1709.45	-8.30e-002
49	69	-255.62	-7.29e-003	42.61	0.84	-1473.52	-0.58
	70	255.62	7.29e-003	-42.61	-0.84	-1752.95	-6.11e-002
50	63	90.59	-58.42	0.15	-6.19	-6.99	1154.31
	700	-90.59	58.42	-0.15	6.19	-4.16	-5334.27
51	698	47.82	-69.52	4.12e-002	8.36	1.40	-6807.83
	66	-47.82	69.52	-4.12e-002	-8.36	-2.42	1831.92
52	65	-51.89	-74.43	3.54e-002	7.95	-2.44	2087.54
	701	51.89	74.43	-3.54e-002	-7.95	-1.82	-7415.56
53	699	-86.85	-63.41	0.14	-5.85	-3.35	-5888.33
	64	86.85	63.41	-0.14	5.85	-6.79	1350.78
54	65	-15.64	-95.06	1.07	1.01	-25.81	-4992.59
	710	15.64	95.06	-1.07	-1.01	-31.93	-140.68
55	63	15.15	4.91	0.17	0.39	-8.77	-2162.18
	65	-15.15	-4.91	-0.17	-0.39	-9.82	2687.59
56	58	6.87	75.19	1.69	0.26	-50.12	105.99
	63	-6.87	-75.19	-1.69	-0.26	-41.05	3954.25
57	66	15.76	101.51	1.02	0.48	-24.58	5348.36
	60	-15.76	-101.51	-1.02	-0.48	-30.73	133.53
58	64	-17.42	-14.86	0.13	0.89	-6.71	1706.83
	66	17.42	14.86	-0.13	-0.89	-7.88	-3280.10
59	59	-13.89	-70.43	1.63	-0.39	-48.12	-112.36
	64	13.89	70.43	-1.63	0.39	-39.93	-3691.23
60	706	6.69	88.63	-1.05	-6.94	27.29	-74.67
	66	-6.69	-88.63	1.05	6.94	22.24	4240.08
61	66	-8.50	-108.78	-0.21	5.54	11.44	-6111.96
	65	8.50	108.78	0.21	-5.54	11.57	-5853.96
62	65	-14.98	78.44	-1.34	-6.95	28.32	3772.40
	702	14.98	-78.44	1.34	6.95	34.66	-85.96
63	63	31.93	62.36	-1.54	4.76	31.55	3000.64
	703	-31.93	-62.36	1.54	-4.76	41.02	-69.77

64	64	8.65	-82.89	-0.33	-5.05	18.41	-4460.88
	63	-8.65	82.89	0.33	5.05	18.30	-4657.98
65	707	-27.12	54.12	-1.29	4.71	34.86	-80.49
	64	27.12	-54.12	1.29	-4.71	25.69	2623.32
77	702	32.84	111.85	9.70	91.08	-247.30	409.14
	701	-32.84	-111.85	-9.70	-91.08	-444.04	5654.42
78	703	-17.00	-10.68	-5.10	5.13	361.79	-818.02
	702	17.00	10.68	5.10	-5.13	252.05	-402.61
79	700	-57.70	-61.07	16.96	-64.67	-595.57	-4063.92
	703	57.70	61.07	-16.96	64.67	-382.15	813.49
80	706	-13.16	-56.16	8.59	85.53	-214.85	2609.47
	698	13.16	56.16	-8.59	-85.53	-359.10	-5188.63
81	707	17.87	-41.31	-4.37	11.28	332.44	-2023.49
	706	-17.87	41.31	4.37	-11.28	215.16	-2615.84
82	699	36.07	117.10	15.74	-69.47	-526.31	4488.49
	707	-36.07	-117.10	-15.74	69.47	-355.87	2027.46
83	710	126.43	911.57	-15.12	-66.04	-437.01	37878.31
	701	-126.43	-911.57	15.12	66.04	444.58	4965.57
84	60	9.10	-688.54	-7.24	74.64	370.79	-37861.75
	710	-9.10	688.54	7.24	-74.64	444.53	-37877.31
85	698	-122.34	902.58	-10.71	-58.94	359.45	4561.33
	60	122.34	-902.58	10.71	58.94	-357.04	37862.18
86	58	-21.50	703.20	-9.73	44.32	-380.06	29479.50
	700	21.50	-703.20	9.73	-44.32	599.55	3571.41
87	59	-6.88	-536.52	-7.58	-61.70	421.61	-29537.06
	58	6.88	536.52	7.58	61.70	419.78	-29479.70
88	699	17.08	712.22	-5.65	50.73	529.63	3939.70
	59	-17.08	-712.22	5.65	-50.73	-376.84	29537.35
89	708	-1319.11	-20.80	-84.11	0.00	20187.57	-4992.18
	59	1319.11	20.80	84.11	0.00	0.00	0.00
90	709	1314.90	7.73	-84.51	0.00	20282.00	1854.72
	58	-1314.90	-7.73	84.51	0.00	0.00	0.00
95	704	-107.99	-32.25	-76.93	0.00	18464.25	-7740.61
	707	107.99	32.25	76.93	0.00	0.00	0.00
96	705	86.22	-31.55	-84.90	0.00	20376.02	-7571.72
	706	-86.22	31.55	84.90	0.00	0.00	0.00
101	142	763.93	-45.10	-104.23	0.00	25016.05	-10823.16
	699	-763.93	45.10	104.23	0.00	0.00	0.00
102	131	-705.62	25.79	-104.87	0.00	25167.83	6188.99
	700	705.62	-25.79	104.87	0.00	0.00	0.00
217	280	-84.96	-856.92	-17.62	-0.49	748.18	-36864.80
	274	84.96	856.92	17.62	0.49	767.33	-36830.53
218	127	-134.84	-1630.32	-10.62	-1.01	544.52	-70047.75
	616	134.84	1630.32	10.62	1.01	-474.41	-70159.49
219	404	422.26	-117.20	-49.50	3.83	2548.09	-5262.31
	428	-422.26	117.20	49.50	-3.83	1912.22	-5285.56
224	62	36.96	-1711.13	14.70	-0.42	-571.82	-73585.08
	608	-36.96	1711.13	-14.70	0.42	-748.49	-73571.85
225	112	87.36	-1774.74	18.04	-0.55	-598.16	-76305.85
	612	-87.36	1774.74	-18.04	0.55	-1008.79	-76322.00
226	400	268.04	-115.16	-72.57	0.50	3567.62	-5158.54
	420	-268.04	115.16	72.57	-0.50	2965.73	-5205.95
227	396	452.21	-81.80	-45.65	-2.09	2270.05	-3598.49

	412	-452.21	81.80	45.65	2.09	1840.90	-3763.55
686	288	-71.35	-1400.70	-14.04	0.49	655.13	-60212.63
	283	71.35	1400.70	14.04	-0.49	556.98	-60247.25
91	709	-2932.24	434.33	-15.92	-549.32	-2692.48	14649.30
	40	2932.24	-434.33	15.92	549.32	3062.60	-3825.74
92	132	-6423.58	2004.77	19.29	-859.57	-2440.64	43260.25
	709	6423.58	-2004.77	-19.29	859.57	2231.51	-19223.09
93	708	2888.01	-419.21	-24.27	-892.49	-3894.71	-14377.98
	53	-2888.01	419.21	24.27	892.49	4436.62	3926.97
94	139	6329.33	-1996.81	46.32	-1279.15	-4394.48	-43106.97
	708	-6329.33	1996.81	-46.32	1279.15	3850.04	19164.64
97	705	-441.24	-106.44	-18.20	2171.55	-7134.41	2007.28
	150	441.24	106.44	18.20	-2171.55	7203.33	-3118.95
98	5	-133.53	16.78	-80.10	972.49	-3964.52	224.97
	705	133.53	-16.78	80.10	-972.49	5753.90	-574.49
99	704	635.60	131.76	-34.63	1923.12	-1227.77	-2077.12
	147	-635.60	-131.76	34.63	-1923.12	1558.28	3469.11
100	160	173.55	37.05	82.06	3488.17	-2425.24	259.89
	704	-173.55	-37.05	-82.06	-3488.17	770.01	760.69
103	697	10.81	-57.87	12.46	-571.66	-111.05	-255.25
	146	-10.81	57.87	-12.46	571.66	37.21	-92.18
104	25	-195.36	-27.99	-56.84	-1706.72	360.15	335.21
	697	195.36	27.99	56.84	1706.72	1031.89	-977.91
105	696	-8.32	45.22	-14.29	725.45	154.99	200.39
	143	8.32	-45.22	14.29	-725.45	-69.63	-74.66
106	33	178.46	-26.68	56.27	1929.92	-797.82	-444.87
	696	-178.46	26.68	-56.27	-1929.92	-564.61	825.64
107	205	-2.36e-006	9.86e-010	-2.12e-010	-7.71e-008	2.21e-008	-7.44e-008
	222	2.36e-006	-9.86e-010	2.12e-010	7.71e-008	-2.68e-008	1.03e-007
108	212	-4.47e-006	-1.36e-009	-1.36e-009	4.09e-008	2.00e-008	-1.19e-007
	204	4.47e-006	1.36e-009	1.36e-009	-4.09e-008	2.15e-008	7.89e-008
109	312	1.05e-005	7.93e-009	3.41e-009	-1.45e-007	-3.32e-008	2.18e-007
	205	-1.05e-005	-7.93e-009	-3.41e-009	1.45e-007	-8.19e-008	4.77e-008
110	308	1.45e-005	2.09e-010	2.82e-010	-4.74e-008	8.78e-009	5.61e-008
	312	-1.45e-005	-2.09e-010	-2.82e-010	4.74e-008	-1.09e-008	-5.18e-008
111	204	5.63e-006	-9.57e-009	-2.34e-009	5.09e-008	3.84e-008	-9.46e-008
	308	-5.63e-006	9.57e-009	2.34e-009	-5.09e-008	4.12e-008	-2.25e-007
112	32	-1.95e-006	-7.88e-010	1.74e-009	-7.98e-008	5.12e-008	-1.29e-008
	143	1.95e-006	7.88e-010	-1.74e-009	7.98e-008	-1.13e-007	-2.84e-008
113	30	2.86e-006	-4.08e-010	1.78e-009	-3.31e-008	-7.30e-008	-2.53e-008
	32	-2.86e-006	4.08e-010	-1.78e-009	3.31e-008	2.08e-008	1.33e-008
114	364	3.04e-006	9.43e-010	2.98e-009	-4.89e-008	-1.64e-007	-3.00e-008
	30	-3.04e-006	-9.43e-010	-2.98e-009	4.89e-008	5.59e-008	1.63e-008
115	27	2.52e-006	-7.54e-010	1.65e-009	6.44e-008	6.65e-008	7.51e-009
	146	-2.52e-006	7.54e-010	-1.65e-009	-6.44e-008	-1.27e-007	-3.46e-008
116	26	1.39e-006	-3.73e-010	5.01e-010	4.81e-008	1.86e-008	-1.60e-008
	27	-1.39e-006	3.73e-010	-5.01e-010	-4.81e-008	-3.69e-008	6.40e-009
117	365	-3.19e-006	-1.59e-009	-2.60e-009	5.65e-008	9.62e-008	-4.30e-008
	26	3.19e-006	1.59e-009	2.60e-009	-5.65e-008	8.92e-009	-1.69e-008
118	3	4.18e-006	-4.16e-009	9.43e-010	-1.12e-007	4.54e-008	-3.05e-008
	150	-4.18e-006	4.16e-009	-9.43e-010	1.12e-007	-7.93e-008	-1.24e-007
119	168	1.04e-006	5.47e-010	6.87e-010	-4.77e-008	-7.67e-009	1.07e-008
	3	-1.04e-006	-5.47e-010	-6.87e-010	4.77e-008	-2.59e-008	1.02e-008

120	367	1.20e-006	5.27e-010	8.32e-011	-4.09e-008	-5.15e-009	1.60e-008
	168	-1.20e-006	-5.27e-010	-8.32e-011	4.09e-008	7.64e-009	4.41e-009
121	428	-2.54e-006	3.71e-010	1.34e-010	-3.48e-008	-4.68e-009	1.37e-008
	367	2.54e-006	-3.71e-010	-1.34e-010	3.48e-008	-6.35e-009	5.94e-009
122	426	2.06e-006	-9.32e-010	-3.12e-010	-1.56e-008	1.46e-008	-5.93e-009
	428	-2.06e-006	9.32e-010	3.12e-010	1.56e-008	4.70e-009	-3.86e-008
123	424	-5.22e-006	7.07e-010	-1.10e-010	-1.45e-008	1.79e-008	1.80e-008
	426	5.22e-006	-7.07e-010	1.10e-010	1.45e-008	-1.30e-008	1.52e-008
124	422	-7.87e-006	7.35e-010	-7.53e-011	-1.39e-008	2.17e-008	1.85e-008
	424	7.87e-006	-7.35e-010	7.53e-011	1.39e-008	-1.83e-008	1.60e-008
125	420	-1.10e-005	3.47e-010	2.07e-010	-1.61e-008	1.65e-008	1.37e-008
	422	1.10e-005	-3.47e-010	-2.07e-010	1.61e-008	-2.52e-008	1.32e-008
126	418	-1.12e-005	-5.00e-010	-4.40e-010	2.01e-008	3.69e-008	5.99e-009
	420	1.12e-005	5.00e-010	4.40e-010	-2.01e-008	-1.73e-008	-2.11e-008
127	416	-1.57e-005	9.57e-010	-1.51e-010	1.65e-008	4.18e-008	1.83e-008
	418	1.57e-005	-9.57e-010	1.51e-010	-1.65e-008	-3.49e-008	2.66e-008
128	414	-1.92e-005	9.73e-010	-1.17e-010	1.54e-008	4.80e-008	1.83e-008
	416	1.92e-005	-9.73e-010	1.17e-010	-1.54e-008	-4.26e-008	2.74e-008
129	412	-2.29e-005	9.48e-010	6.83e-011	1.35e-008	4.81e-008	1.49e-008
	414	2.29e-005	-9.48e-010	-6.83e-011	-1.35e-008	-5.08e-008	3.33e-008
130	410	-2.54e-005	2.13e-010	-3.23e-010	2.87e-008	6.37e-008	6.17e-009
	412	2.54e-005	-2.13e-010	3.23e-010	-2.87e-008	-4.91e-008	3.99e-009
131	408	-3.17e-005	1.39e-009	-1.32e-010	2.82e-008	6.86e-008	1.70e-008
	410	3.17e-005	-1.39e-009	1.32e-010	-2.82e-008	-6.26e-008	4.81e-008
132	406	-3.73e-005	1.44e-009	-2.35e-010	3.05e-008	7.90e-008	1.47e-008
	408	3.73e-005	-1.44e-009	2.35e-010	-3.05e-008	-6.81e-008	5.32e-008
133	293	-5.01e-005	-4.79e-009	-9.62e-010	3.28e-008	1.15e-007	-1.89e-007
	406	5.01e-005	4.79e-009	9.62e-010	-3.28e-008	-7.11e-008	-3.37e-008
134	164	-5.79e-006	-3.83e-009	8.83e-010	-1.20e-007	5.66e-008	1.90e-008
	147	5.79e-006	3.83e-009	-8.83e-010	1.20e-007	-8.84e-008	-1.25e-007
135	163	-4.34e-006	2.21e-010	1.01e-009	-6.29e-008	-3.61e-008	1.53e-008
	164	4.34e-006	-2.21e-010	-1.01e-009	6.29e-008	1.73e-008	-1.01e-008
136	366	-3.17e-006	1.72e-010	-5.63e-011	-3.29e-008	-3.74e-008	1.62e-008
	163	3.17e-006	-1.72e-010	5.63e-011	3.29e-008	3.73e-008	-1.22e-008
137	404	-1.46e-006	-1.50e-009	-1.62e-010	-3.43e-008	-3.14e-008	-4.08e-008
	366	1.46e-006	1.50e-009	1.62e-010	3.43e-008	3.86e-008	-2.96e-008
138	403	-4.33e-006	-7.26e-010	2.41e-010	-1.64e-008	-5.32e-008	6.51e-009
	404	4.33e-006	7.26e-010	-2.41e-010	1.64e-008	4.21e-008	-3.43e-008
139	402	-4.16e-006	-2.84e-010	-3.12e-010	1.48e-008	-3.36e-008	2.57e-009
	403	4.16e-006	2.84e-010	3.12e-010	-1.48e-008	4.77e-008	-1.28e-008
140	401	-3.50e-006	-3.09e-010	-3.77e-010	-1.78e-008	-1.00e-008	-7.81e-009
	402	3.50e-006	3.09e-010	3.77e-010	1.78e-008	2.49e-008	-7.24e-009
141	400	-3.13e-006	-1.62e-009	-3.99e-010	-3.45e-008	1.51e-008	-5.42e-008
	401	3.13e-006	1.62e-009	3.99e-010	3.45e-008	9.78e-009	-2.13e-008
142	399	-7.09e-006	-1.09e-009	2.99e-010	1.32e-008	-1.57e-008	-1.78e-008
	400	7.09e-006	1.09e-009	-2.99e-010	-1.32e-008	7.84e-009	-3.32e-008
143	398	-7.92e-006	-5.04e-010	-3.40e-010	1.27e-008	-1.45e-008	-1.48e-008
	399	7.92e-006	5.04e-010	3.40e-010	-1.27e-008	1.12e-008	-9.59e-009
144	397	-8.30e-006	-5.45e-010	-4.01e-010	-1.49e-008	3.97e-008	-2.12e-008
	398	8.30e-006	5.45e-010	4.01e-010	1.49e-008	-2.22e-008	-6.07e-009
145	396	-8.94e-006	-1.82e-009	-3.02e-010	-2.87e-008	5.54e-008	-6.32e-008
	397	8.94e-006	1.82e-009	3.02e-010	2.87e-008	-4.20e-008	-2.19e-008
146	395	-1.40e-005	-9.09e-010	1.54e-010	-1.52e-008	3.83e-008	-2.29e-008

	396	1.40e-005	9.09e-010	-1.54e-010	1.52e-008	-4.48e-008	-1.95e-008
147	394	-1.73e-005	-9.13e-010	-3.70e-010	-1.50e-008	6.04e-008	-2.48e-008
	395	1.73e-005	9.13e-010	3.70e-010	1.50e-008	-4.36e-008	-1.92e-008
148	393	-1.99e-005	-1.04e-009	-7.43e-010	-1.89e-008	1.01e-007	-3.14e-008
	394	1.99e-005	1.04e-009	7.43e-010	1.89e-008	-6.70e-008	-1.88e-008
149	292	-2.70e-005	1.89e-009	-2.37e-009	-2.31e-008	1.92e-007	6.93e-008
	393	2.70e-005	-1.89e-009	2.37e-009	2.31e-008	-8.28e-008	1.89e-008
150	221	-5.79e-005	1.45e-008	4.09e-009	6.85e-009	1.35e-007	1.18e-007
	205	5.79e-005	-1.45e-008	-4.09e-009	-6.85e-009	-2.53e-007	3.04e-007
151	219	-4.91e-005	5.92e-010	3.32e-010	-1.58e-008	1.32e-007	1.01e-008
	221	4.91e-005	-5.92e-010	-3.32e-010	1.58e-008	-1.46e-007	1.65e-008
152	217	-4.99e-005	8.25e-010	-2.25e-010	-1.30e-008	1.48e-007	1.43e-008
	219	4.99e-005	-8.25e-010	2.25e-010	1.30e-008	-1.38e-007	2.21e-008
153	180	-5.12e-005	7.49e-010	-3.68e-010	7.07e-009	1.67e-007	1.57e-008
	217	5.12e-005	-7.49e-010	3.68e-010	-7.07e-009	-1.50e-007	1.76e-008
154	57	-6.52e-005	-6.90e-009	-9.47e-010	1.09e-008	1.89e-007	-2.45e-007
	180	6.52e-005	6.90e-009	9.47e-010	-1.09e-008	-1.44e-007	-9.34e-008
155	215	-6.33e-005	-1.80e-008	1.20e-009	-2.60e-008	1.63e-007	-1.38e-007
	204	6.33e-005	1.80e-008	-1.20e-009	2.60e-008	-1.97e-007	-3.85e-007
156	214	-4.99e-005	-2.38e-010	-2.71e-010	5.13e-009	1.79e-007	-1.06e-008
	215	4.99e-005	2.38e-010	2.71e-010	-5.13e-009	-1.68e-007	-6.95e-009
157	213	-4.73e-005	-3.24e-010	-3.52e-010	1.31e-008	2.11e-007	-9.02e-009
	214	4.73e-005	3.24e-010	3.52e-010	-1.31e-008	-1.96e-007	-5.51e-009
158	179	-4.69e-005	-2.75e-010	3.99e-010	-7.52e-009	2.03e-007	-1.19e-008
	213	4.69e-005	2.75e-010	-3.99e-010	7.52e-009	-2.20e-007	-6.65e-009
159	56	-5.97e-005	6.24e-009	9.62e-010	-1.75e-008	1.15e-007	2.26e-007
	179	5.97e-005	-6.24e-009	-9.62e-010	1.75e-008	-1.61e-007	8.02e-008
160	42	8.59e-005	3.26e-010	-5.56e-008	5.15e-008	2.60e-007	1.50e-008
	132	-8.59e-005	-3.26e-010	5.56e-008	-5.15e-008	1.80e-006	-7.48e-009
161	41	3.60e-005	1.19e-010	-2.28e-010	1.67e-008	2.40e-008	7.91e-009
	42	-3.60e-005	-1.19e-010	2.28e-010	-1.67e-008	-1.95e-008	7.24e-009
162	357	3.02e-005	2.00e-010	1.27e-009	-2.63e-008	-1.24e-007	1.24e-008
	41	-3.02e-005	-2.00e-010	-1.27e-009	2.63e-008	7.75e-008	-7.89e-009
163	616	1.15e-005	-1.02e-010	-1.19e-008	-3.41e-008	3.79e-007	6.31e-009
	357	-1.15e-005	1.02e-010	1.19e-008	3.41e-008	1.74e-007	-1.09e-008
164	615	4.34e-005	-1.40e-010	-1.16e-008	-3.83e-008	8.01e-008	-7.58e-009
	616	-4.34e-005	1.40e-010	1.16e-008	3.83e-008	4.61e-007	2.75e-009
165	614	2.19e-005	3.29e-011	2.10e-009	-3.62e-008	-6.68e-008	-8.70e-009
	615	-2.19e-005	-3.29e-011	-2.10e-009	3.62e-008	-3.21e-008	1.01e-008
166	613	1.10e-005	7.47e-011	2.14e-009	-2.82e-008	-7.65e-008	-5.49e-009
	614	-1.10e-005	-7.47e-011	-2.14e-009	2.82e-008	-2.47e-008	8.94e-009
167	612	-1.29e-005	6.60e-011	-1.26e-008	-1.77e-008	4.46e-007	-5.59e-009
	613	1.29e-005	-6.60e-011	1.26e-008	1.77e-008	1.38e-007	7.28e-009
168	611	2.37e-005	-1.11e-010	-1.27e-008	-1.32e-008	1.34e-007	-1.40e-008
	612	-2.37e-005	1.11e-010	1.27e-008	1.32e-008	4.56e-007	9.39e-009
169	610	4.67e-006	1.09e-010	2.30e-009	1.19e-008	-3.24e-008	-9.03e-009
	611	-4.67e-006	-1.09e-010	-2.30e-009	-1.19e-008	-7.62e-008	1.41e-008
170	609	-1.35e-005	1.20e-010	2.31e-009	1.79e-008	-3.95e-008	-2.93e-009
	610	1.35e-005	-1.20e-010	-2.31e-009	-1.79e-008	-6.99e-008	8.39e-009
171	608	-3.63e-005	6.41e-011	-1.20e-008	2.68e-008	4.71e-007	-3.45e-009
	609	3.63e-005	-6.41e-011	1.20e-008	-2.68e-008	8.61e-008	4.21e-009
172	607	5.89e-006	-7.93e-011	-1.19e-008	2.74e-008	1.69e-007	-9.21e-009
	608	-5.89e-006	7.93e-011	1.19e-008	-2.74e-008	3.86e-007	6.84e-009

173	606	-2.68e-005	1.09e-010	2.42e-009	3.15e-008	-1.64e-008	-4.78e-009
	607	2.68e-005	-1.09e-010	-2.42e-009	-3.15e-008	-1.24e-007	9.80e-009
174	605	-3.94e-005	1.11e-010	2.42e-009	3.45e-008	-1.44e-008	1.26e-009
	606	3.94e-005	-1.11e-010	-2.42e-009	-3.45e-008	-1.20e-007	4.51e-009
175	283	-6.16e-005	-6.22e-011	-9.79e-009	3.62e-008	4.50e-007	-2.89e-009
	605	6.16e-005	6.22e-011	9.79e-009	-3.62e-008	9.37e-009	1.07e-009
176	350	-3.48e-005	5.68e-011	-1.14e-008	3.78e-008	1.97e-007	-3.82e-009
	283	3.48e-005	-5.68e-011	1.14e-008	-3.78e-008	2.92e-007	5.33e-009
177	349	-5.70e-005	1.24e-010	3.12e-009	3.30e-008	5.61e-008	1.16e-009
	350	5.70e-005	-1.24e-010	-3.12e-009	-3.30e-008	-1.87e-007	5.17e-009
178	195	-7.16e-005	7.16e-011	1.70e-009	2.82e-008	7.39e-008	3.32e-009
	349	7.16e-005	-7.16e-011	-1.70e-009	-2.82e-008	-1.71e-007	1.54e-009
179	274	-9.64e-005	-1.11e-010	-1.65e-008	1.79e-008	5.52e-007	2.43e-009
	195	9.64e-005	1.11e-010	1.65e-008	-1.79e-008	-7.33e-008	-4.82e-009
180	273	-7.65e-005	1.97e-010	-6.78e-009	1.27e-008	2.10e-007	9.31e-009
	274	7.65e-005	-1.97e-010	6.78e-009	-1.27e-008	8.80e-008	-1.74e-009
181	272	-9.91e-005	1.36e-010	3.21e-009	-1.28e-008	1.24e-007	1.82e-008
	273	9.91e-005	-1.36e-010	-3.21e-009	1.28e-008	-2.64e-007	-1.23e-008
182	170	-1.39e-004	-9.61e-010	-2.56e-008	-3.52e-008	9.73e-007	-1.48e-008
	272	1.39e-004	9.61e-010	2.56e-008	3.52e-008	1.55e-007	-2.86e-008
183	52	-8.50e-005	-2.30e-010	-5.59e-008	8.62e-008	2.65e-007	-2.46e-008
	139	8.50e-005	2.30e-010	5.59e-008	-8.62e-008	1.80e-006	2.04e-008
184	50	-3.30e-005	-1.54e-010	-2.29e-010	2.77e-008	2.48e-008	4.76e-009
	52	3.30e-005	1.54e-010	2.29e-010	-2.77e-008	-3.09e-008	-5.98e-009
185	362	-2.60e-005	-1.14e-010	1.24e-009	1.49e-008	-1.10e-007	4.70e-009
	50	2.60e-005	1.14e-010	-1.24e-009	-1.49e-008	6.47e-008	-8.52e-009
186	127	-9.22e-006	6.45e-011	-1.19e-008	1.64e-008	3.85e-007	5.72e-009
	362	9.22e-006	-6.45e-011	1.19e-008	-1.64e-008	1.67e-007	-4.71e-009
187	124	-4.41e-005	4.37e-011	-1.23e-008	1.55e-008	9.31e-008	9.34e-009
	127	4.41e-005	-4.37e-011	1.23e-008	-1.55e-008	4.80e-007	-8.65e-009
188	120	-2.42e-005	-1.28e-010	1.71e-009	-1.78e-008	-6.22e-008	4.19e-009
	124	2.42e-005	1.28e-010	-1.71e-009	1.78e-008	-1.95e-008	-9.55e-009
189	116	-1.38e-005	-1.43e-010	1.81e-009	-1.84e-008	-7.16e-008	-6.15e-009
	120	1.38e-005	1.43e-010	-1.81e-009	1.84e-008	-1.55e-008	-2.89e-009
190	112	9.75e-006	-5.97e-011	-1.30e-008	-1.69e-008	4.57e-007	-7.20e-009
	116	-9.75e-006	5.97e-011	1.30e-008	1.69e-008	1.50e-007	6.66e-009
191	107	-2.81e-005	9.65e-011	-1.28e-008	-1.69e-008	1.36e-007	3.06e-009
	112	2.81e-005	-9.65e-011	1.28e-008	1.69e-008	4.60e-007	3.50e-009
192	103	-7.04e-006	-1.18e-010	2.01e-009	-1.82e-008	-2.80e-008	-5.45e-009
	107	7.04e-006	1.18e-010	-2.01e-009	1.82e-008	-6.73e-008	-2.88e-009
193	99	8.21e-006	-1.33e-010	2.05e-009	-1.81e-008	-3.40e-008	-1.31e-008
	103	-8.21e-006	1.33e-010	-2.05e-009	1.81e-008	-6.35e-008	7.21e-009
194	62	2.99e-005	5.57e-011	-1.22e-008	-1.63e-008	4.76e-007	-1.21e-008
	99	-2.99e-005	-5.57e-011	1.22e-008	1.63e-008	9.01e-008	1.33e-008
195	622	-6.68e-006	1.31e-010	-1.21e-008	-1.30e-008	1.74e-007	5.24e-009
	62	6.68e-006	-1.31e-010	1.21e-008	1.30e-008	3.91e-007	7.60e-009
196	620	1.93e-005	3.18e-011	2.27e-009	-1.24e-008	1.88e-008	5.96e-009
	622	-1.93e-005	-3.18e-011	-2.27e-009	1.24e-008	-1.21e-007	-4.82e-009
197	618	3.16e-005	-6.27e-011	2.20e-009	1.14e-008	-1.86e-008	7.52e-009
	620	-3.16e-005	6.27e-011	-2.20e-009	-1.14e-008	-1.17e-007	-6.62e-009
198	288	5.30e-005	-9.92e-011	-9.99e-009	1.18e-008	4.58e-007	7.40e-009
	618	-5.30e-005	9.92e-011	9.99e-009	-1.18e-008	1.08e-008	-8.25e-009
199	354	2.48e-005	-2.25e-010	-1.21e-008	1.25e-008	2.11e-007	-1.67e-008

	288	-2.48e-005	2.25e-010	1.21e-008	-1.25e-008	3.06e-007	8.24e-009
200	352	4.56e-005	-9.73e-011	2.83e-009	1.20e-008	6.02e-008	-2.27e-008
	354	-4.56e-005	9.73e-011	-2.83e-009	-1.20e-008	-1.79e-007	1.95e-008
201	200	5.93e-005	2.81e-010	1.65e-009	1.27e-008	7.18e-008	-4.27e-009
	352	-5.93e-005	-2.81e-010	-1.65e-009	-1.27e-008	-1.66e-007	1.91e-008
202	280	8.42e-005	3.77e-010	-1.62e-008	6.84e-009	5.46e-007	1.41e-008
	200	-8.42e-005	-3.77e-010	1.62e-008	-6.84e-009	-7.63e-008	4.52e-009
203	278	6.53e-005	-1.97e-010	-7.07e-009	-7.77e-009	2.19e-007	8.42e-009
	280	-6.53e-005	1.97e-010	7.07e-009	7.77e-009	9.19e-008	-1.67e-008
204	276	8.81e-005	-1.66e-010	2.94e-009	-1.87e-008	1.36e-007	-5.93e-009
	278	-8.81e-005	1.66e-010	-2.94e-009	1.87e-008	-2.65e-007	3.16e-009
205	175	1.23e-004	8.85e-010	-2.31e-008	-2.25e-008	8.99e-007	2.46e-008
	276	-1.23e-004	-8.85e-010	2.31e-008	2.25e-008	1.19e-007	1.47e-008
220	14	35717.29	-343.23	-2294.89	0.00	22948.88	-3432.34
	192	-35717.29	343.23	2294.89	0.00	0.00	0.00
221	11	32939.10	-530.19	-2093.71	0.00	20937.14	-5301.93
	191	-32939.10	530.19	2093.71	0.00	0.00	0.00
222	4	-33301.14	2141.40	-3459.15	0.00	34591.49	21414.01
	695	33301.14	-2141.40	3459.15	0.00	0.00	0.00
223	1	-35101.98	-1510.05	-3092.19	0.00	30921.87	-15100.47
	694	35101.98	1510.05	3092.19	0.00	0.00	0.00
228	20	-284.54	-234.82	28.64	291.47	-368.87	-5132.58
	138	284.54	234.82	-28.64	-291.47	-1409.77	-5916.48
229	137	-263.88	-50.81	9.01	116.16	-39.78	441.96
	20	263.88	50.81	-9.01	-116.16	-429.91	-1986.66
230	10	197.75	-51.82	-5.61	252.94	266.05	-1983.12
	135	-197.75	51.82	5.61	-252.94	-77.27	470.34
231	134	-178.10	-228.40	-22.49	183.92	1215.03	-5599.01
	10	178.10	228.40	22.49	-183.92	-365.44	-5151.08
232	131	-1917.91	-198.86	-51.70	-512.80	5397.53	-2382.81
	40	1917.91	198.86	51.70	512.80	-4286.38	-5329.02
233	53	1987.88	-186.61	-60.92	-578.90	-6090.16	-5349.80
	142	-1987.88	186.61	60.92	578.90	7418.29	-2597.28
234	33	-69.76	-62.73	54.03	422.00	775.80	-839.70
	131	69.76	62.73	-54.03	-422.00	-2386.57	-1113.28
235	25	69.95	50.80	-16.95	-440.90	191.22	-430.49
	138	-69.95	-50.80	16.95	440.90	678.46	1109.55
236	5	-239.82	-62.17	-26.57	519.37	2754.06	399.17
	134	239.82	62.17	26.57	-519.37	-2102.65	-1720.47
237	160	305.55	84.17	105.45	1058.59	3357.40	707.44
	142	-305.55	-84.17	-105.45	-1058.59	-6486.15	1922.19
370	147	252.37	-223.97	237.09	4045.84	-4273.87	-9808.08
	150	-252.37	223.97	-237.09	-4045.84	-17600.85	-10352.28
372	139	-102.41	-2934.00	-193.51	-856.44	10924.96	-126320.19
	132	102.41	2934.00	193.51	856.44	5943.12	-126003.74
Elem Nodo	Nx	Ny	Nxy	Mx	My	Mxy	
1	53	-1.62	-7.70	4.73	-122.30	-288.05	91.54
	51	-1.62	16.36	2.08	64.21	-161.53	38.06
	708	1.99	-7.70	-3.44	-163.38	-185.57	177.30
2	708	12.26	-20.23	0.45	86.35	-146.64	145.68
	52	12.26	78.28	-11.87	63.80	-405.51	157.17
	139	19.49	-10.86	-15.18	82.95	-501.74	67.47
3	132	-25.76	17.13	-3.32	37.85	228.34	137.01
	42	-25.76	-65.06	-28.93	73.56	185.71	154.15

	709	-9.14	17.13	10.02	42.13	84.22	123.98
4	3	-0.52	-6.32	-0.57	279.29	-654.35	-85.58
	705	-0.52	1.36	7.99e-002	464.27	-559.79	-86.31
	150	-0.86	0.75	-1.02	446.44	-625.12	-59.55
5	164	1.74	5.59	-2.10	263.52	96.51	-327.44
	147	1.74	-1.69	-0.32	417.22	198.48	-291.96
	704	0.66	-1.69	0.81	428.12	-145.61	-241.59
6	27	-0.76	0.26	0.57	-309.60	162.29	177.15
	146	-0.76	-4.00e-002	-0.12	-596.13	-47.49	152.84
	697	-0.53	-4.00e-002	-0.10	-600.07	223.35	118.87
7	32	0.59	-0.21	-0.46	234.22	-177.51	-218.23
	143	0.59	3.08e-002	-0.14	527.57	53.66	-191.56
	696	-0.41	3.08e-002	-0.14	531.86	-258.38	-154.14
8	46	8.86	-6.04	21.35	-25.90	204.10	-31.89
	133	8.86	-8.57	25.23	-19.14	-32.35	7.97
	45	6.45	-6.17	21.94	-18.38	-182.27	-95.97
9	677	-5.11	-3.75	2.25	349.05	-64.35	-95.92
	71	-5.11	2.86	2.20	-12.31	-37.88	-153.29
	680	-5.05	-1.45	-0.25	187.64	-78.02	-99.47
10	72	3.51	2.55	-2.22	-248.99	34.12	120.50
	82	3.51	-1.13	-4.34	-156.64	185.40	-19.41
	79	6.77	1.79	-1.24	-335.79	-89.51	208.72
66	709	7.82	-2.11	-3.21	-135.27	-65.23	-109.80
	40	7.82	1.56	5.04	-206.54	-48.84	-63.60
	37	-16.46	1.56	2.34	-129.49	65.42	-40.10
67	42	-2.52	-16.80	4.97	22.66	40.90	-77.24
	37	-2.52	6.92	6.38	177.84	-81.62	-44.11
	709	-5.33	-9.11	-6.44	121.87	45.99	-137.21
68	51	2.48	-7.04	6.66	-223.49	95.28	-48.75
	52	2.48	16.61	5.13	-45.38	60.91	-125.27
	708	5.55	8.94	-6.20	-189.07	-129.45	-199.72
69	5	0.36	0.25	0.34	-185.37	163.21	83.91
	705	0.36	7.82e-002	0.32	-583.62	237.06	181.82
	2	-0.71	0.25	0.51	-332.50	312.19	65.03
70	704	-0.15	0.33	-0.31	-710.20	576.13	-54.34
	155	-0.15	-0.65	0.40	-262.69	214.99	-73.76
	160	-0.62	-0.30	0.20	-565.06	172.98	-142.40
71	164	0.91	0.26	-0.44	-66.03	219.15	-273.54
	704	0.91	-0.22	0.37	255.43	441.41	-338.68
	155	-0.48	0.22	-0.16	-72.45	261.83	-99.79
72	2	-0.30	0.48	-0.41	-105.21	74.79	-266.85
	705	-0.30	-0.68	-0.20	-190.87	257.33	-273.31
	3	-0.82	-5.10e-002	0.16	-132.08	184.28	-142.43
73	697	-9.45e-002	0.68	0.27	650.74	-614.39	-191.76
	24	-9.45e-002	-1.73	-0.49	238.52	-136.90	-242.47
	25	0.74	-0.12	0.59	505.46	-152.28	18.03
74	27	-0.14	-0.67	0.35	58.93	276.92	-171.59
	24	-0.14	0.50	0.32	-29.38	260.04	-79.50
	697	-7.18e-002	-0.44	-0.40	160.33	605.24	-173.55
75	31	0.18	-0.45	0.25	139.96	-132.21	53.76
	32	0.18	0.51	0.30	77.20	183.20	196.79
	696	6.96e-002	-0.32	0.38	271.86	539.65	239.33
76	31	0.15	1.61	-0.40	162.54	-211.31	148.97
	696	0.15	-0.77	0.22	697.29	-643.01	108.76
	33	-0.65	-0.21	0.54	519.68	-172.06	-90.63
238	686	0.15	0.11	0.33	-2046.89	1807.26	-230.75
	685	0.15	-0.23	0.47	-738.21	2664.88	-69.68
	664	1.01	-0.23	0.45	-256.84	413.39	385.96

	675	1.01	0.11	0.31	-2325.70	38.71	220.09
239	641	-0.22	0.22	-3.69e-002	-1362.36	2503.42	-531.94
	638	-0.22	-0.16	-0.18	237.27	2439.12	-1074.35
	685	0.15	-0.16	-6.48e-002	-559.98	2779.26	-770.06
	686	0.15	0.22	0.18	-1916.24	2167.18	-232.55
240	684	0.45	0.11	-0.22	-2034.22	1494.52	-105.60
	686	0.45	0.11	0.21	-2077.48	1515.15	182.45
	675	1.65	0.11	0.19	-1938.58	80.34	202.27
	673	1.65	0.11	-0.22	-1897.40	82.40	-127.46
241	640	-0.23	0.22	-4.15e-002	-1417.05	2360.32	239.80
	641	-0.23	0.22	4.06e-002	-1387.86	2382.11	-232.79
	686	0.45	0.22	7.38e-002	-1922.44	2011.81	-201.93
	684	0.45	0.22	-7.22e-002	-1918.62	1971.71	275.91
242	644	0.13	-0.19	-0.47	-702.92	2515.41	109.91
	684	0.13	0.11	-0.34	-2004.99	1742.05	307.08
	673	0.90	0.11	-0.34	-2253.28	52.39	-138.46
	661	0.90	-0.19	-0.48	-229.26	420.24	-298.30
243	637	-0.21	-0.13	0.15	208.27	2339.96	1013.79
	640	-0.21	0.22	3.73e-002	-1356.08	2434.62	530.70
	684	0.13	0.22	-0.17	-1867.09	2111.19	292.93
	644	0.13	-0.13	-8.55e-002	-570.68	2640.84	771.81
244	682	-9.40e-002	0.19	2.36e-002	-153.90	371.30	-397.69
	689	-9.40e-002	-0.11	-0.12	-256.09	345.81	-652.55
	638	-0.22	-0.11	-0.18	-202.24	1305.65	-915.61
	641	-0.22	0.19	-7.35e-002	-849.98	1672.39	-661.31
245	635	8.11e-002	5.54e-002	2.99e-002	550.66	-1393.03	-591.43
	632	8.11e-002	0.25	-0.18	-154.66	-1081.39	-840.91
	689	-9.40e-002	0.25	-0.17	-187.10	-127.19	-642.86
	682	-9.40e-002	5.54e-002	2.09e-002	-197.25	-88.10	-393.59
246	643	-7.67e-002	0.20	-1.94e-002	-354.79	520.61	312.40
	682	-7.67e-002	0.19	1.97e-002	-308.62	501.61	-321.07
	641	-0.23	0.19	1.16e-002	-1139.35	1605.50	-326.80
	640	-0.23	0.20	-9.92e-003	-1146.25	1590.52	312.57
247	634	0.16	6.59e-002	-2.68e-002	729.91	-1311.33	339.53
	635	0.16	5.54e-002	3.10e-002	763.28	-1324.30	-287.77
	682	-7.67e-002	5.54e-002	2.07e-002	-66.26	-198.52	-307.12
	643	-7.67e-002	6.59e-002	-3.14e-002	-85.40	-175.92	314.59
248	691	-0.10	-8.31e-002	8.37e-002	-371.25	391.21	613.92
	643	-0.10	0.20	-1.90e-002	-197.99	389.69	387.58
	640	-0.21	0.20	6.93e-002	-897.40	1657.23	629.31
	637	-0.21	-8.31e-002	0.16	-253.12	1295.09	855.12
249	631	0.10	0.26	0.18	-250.85	-1011.76	889.83
	634	0.10	6.59e-002	3.53e-002	456.23	-1370.80	651.03
	643	-0.10	6.59e-002	-3.11e-002	-273.12	-50.64	391.94
	691	-0.10	0.26	0.12	-211.69	-85.10	630.48
250	693	0.10	-3.06e-002	2.54e-002	1506.49	-1987.93	-194.52
	687	0.10	0.30	-0.25	365.75	-2535.70	-681.64
	632	8.11e-002	0.30	-0.26	-291.29	-2187.29	-974.20
	635	8.11e-002	-3.06e-002	2.24e-002	1005.88	-2208.34	-485.68
251	671	-0.44	-4.19e-002	9.40e-002	1711.70	-152.99	158.47
	652	-0.44	0.37	0.11	215.40	-409.04	335.86
	687	0.10	0.37	8.26e-002	539.18	-2475.05	47.74
	693	0.10	-4.19e-002	7.30e-002	1595.35	-1645.63	-216.87
252	692	-0.11	-2.34e-002	-7.28e-002	1456.49	-1874.15	241.10
	693	-0.11	-3.06e-002	2.68e-002	1489.48	-1859.51	-199.53
	635	0.16	-3.06e-002	4.06e-002	1019.83	-2109.06	-194.76
	634	0.16	-2.34e-002	-4.08e-002	958.22	-2106.37	249.19
253	669	-0.83	-4.05e-002	-0.17	1403.69	-179.50	-122.24
	671	-0.83	-4.19e-002	6.87e-002	1510.41	-153.78	117.97
	693	-0.11	-4.19e-002	6.97e-002	1607.06	-1427.70	118.69

	692	-0.11	-4.05e-002	-0.18	1573.60	-1430.50	-106.23
254	683	0.20	0.30	0.17	221.10	-2612.95	745.90
	692	0.20	-2.34e-002	-6.62e-002	1450.29	-2020.06	237.28
	634	0.10	-2.34e-002	-1.81e-002	947.50	-2218.91	539.48
	631	0.10	0.30	0.24	-462.15	-2171.74	1049.10
255	649	-0.20	0.34	-0.20	-134.94	-466.20	-346.33
	669	-0.20	-4.05e-002	-0.20	1723.90	-157.85	-167.25
	692	0.20	-4.05e-002	-0.18	1546.34	-1696.76	237.09
	683	0.20	0.34	-0.18	386.88	-2569.57	58.04
256	690	-7.09e-002	-0.40	-0.34	218.83	191.82	-234.72
	691	-7.09e-002	-8.31e-002	1.57e-002	245.96	149.51	461.45
	637	-0.15	-8.31e-002	4.99e-002	751.37	1439.51	761.28
	639	-0.15	-0.40	-0.30	1383.95	996.99	78.30
257	633	0.12	0.30	-0.42	-1711.78	-693.60	118.88
	631	0.12	0.26	-2.08e-002	-1159.54	-1155.50	803.72
	691	-7.09e-002	0.26	4.79e-002	-581.68	340.31	478.77
	690	-7.09e-002	0.30	-0.38	-345.88	340.02	-228.77
258	91	-4.11e-002	-0.86	-0.62	-38.15	-280.63	-1113.84
	690	-4.11e-002	-0.40	-0.65	304.25	180.09	-578.62
	639	-8.53e-002	-0.40	-0.51	1431.22	850.36	-449.98
	95	-8.53e-002	-0.86	-0.48	349.26	990.88	-985.21
259	87	-5.11e-002	0.31	-0.63	-347.49	-702.43	-992.94
	633	-5.11e-002	0.30	-0.66	-1704.03	-533.55	-450.28
	690	-4.11e-002	0.30	-0.69	-532.45	392.69	-561.61
	91	-4.11e-002	0.31	-0.66	34.90	700.67	-1103.63
260	688	-3.69e-002	-0.47	0.68	458.07	174.96	541.58
	626	-3.69e-002	-0.90	0.70	-40.70	-520.65	1093.35
	680	3.21e-002	-0.90	0.62	469.42	1225.41	983.32
	642	3.21e-002	-0.47	0.60	1528.81	911.29	431.65
261	636	-0.15	0.35	0.74	-1429.00	-694.66	417.45
	72	-0.15	0.43	0.74	-400.09	-1018.97	940.99
	626	-3.69e-002	0.43	0.73	82.83	746.37	1072.13
	688	-3.69e-002	0.35	0.73	-424.64	274.49	549.09
262	689	-6.46e-002	-0.11	-2.67e-002	348.47	131.65	-514.84
	688	-6.46e-002	-0.47	0.36	255.64	166.21	188.33
	642	-0.20	-0.47	0.31	1565.59	1036.92	-128.09
	638	-0.20	-0.11	-7.62e-002	900.86	1467.61	-818.57
263	632	0.15	0.25	3.83e-002	-935.88	-1236.99	-767.59
	636	0.15	0.35	0.44	-1490.72	-819.98	-121.78
	688	-6.46e-002	0.35	0.40	-241.41	221.26	176.48
	689	-6.46e-002	0.25	-6.66e-002	-414.70	237.77	-496.73
264	4	1.20	1.57	1.14	-5446.78	-5457.25	-126.59
	79	1.20	1.51	0.64	1365.69	-3276.76	446.83
	72	-0.15	1.51	0.46	-658.66	-1356.26	715.07
	636	-0.15	1.57	0.96	-2045.48	403.24	164.83
265	651	1.37	-0.29	-0.27	-4064.10	355.07	-617.59
	655	1.37	0.77	2.00e-002	-404.52	-415.03	-511.61
	79	1.20	0.77	0.66	1103.86	-3279.67	-125.55
	4	1.20	-0.29	0.38	-5416.90	-5122.55	-228.25
266	687	-0.22	0.30	-0.63	675.52	-3310.91	-699.03
	4	-0.22	1.57	0.14	-5010.62	-5443.06	-272.57
	636	0.15	1.57	0.66	-2115.40	229.03	-265.51
	632	0.15	0.30	-0.11	-1182.06	-1949.59	-690.69
267	652	1.40	0.37	3.61e-002	-671.00	-626.00	282.72
	651	1.40	-0.29	-0.30	-4019.43	278.53	389.95
	4	-0.22	-0.29	-0.63	-5117.04	-5022.53	-82.26
	687	-0.22	0.37	-0.31	605.28	-2868.92	-183.98
268	14	-0.56	0.17	0.75	5596.27	5601.98	-248.09
	677	-0.56	-1.10	0.42	-993.62	3507.26	-44.23
	667	-1.09	-1.10	0.10	576.92	411.29	-498.82

	663	-1.09	0.17	0.44	4348.06	-391.75	-718.18
269	642	3.21e-002	-1.33	0.61	2126.78	-249.92	201.22
	680	3.21e-002	-2.17	0.35	773.26	1712.68	788.11
	677	-0.56	-2.17	0.43	-1234.30	3399.11	545.63
	14	-0.56	-1.33	0.69	5585.62	5712.26	-67.97
270	685	-0.39	-0.23	0.25	-834.24	3178.58	-228.97
	14	-0.39	0.17	0.25	5810.67	5611.93	-157.74
	663	-1.01	0.17	0.43	4631.81	-433.21	366.51
	664	-1.01	-0.23	0.42	475.65	591.28	302.46
271	638	-0.20	-0.16	-7.03e-002	1188.06	2154.71	-761.51
	642	-0.20	-1.33	0.32	2243.72	-181.46	-204.91
	14	-0.39	-1.33	0.16	5595.33	5762.95	-284.55
	685	-0.39	-0.16	-0.24	-815.15	3640.03	-842.36
272	1	0.18	1.44	-8.95e-002	-5494.56	-5640.51	298.29
	683	0.18	0.30	0.52	527.55	-3435.77	773.04
	631	0.12	0.30	7.22e-002	-1411.46	-1911.75	742.16
	633	0.12	1.44	-0.54	-2397.48	360.00	269.29
273	645	1.74	-0.27	0.23	-4459.61	283.10	-402.27
	649	1.74	0.34	-0.10	-873.16	-691.88	-299.14
	683	0.18	0.34	0.19	477.83	-3009.75	213.06
	1	0.18	-0.27	0.50	-5642.93	-5367.08	111.64
274	83	1.04	1.03	-0.78	1249.47	-3680.15	-544.34
	1	1.04	1.44	-1.03	-5682.53	-5667.95	66.36
	633	-5.11e-002	1.44	-0.78	-2310.51	537.91	-160.07
	87	-5.11e-002	1.03	-0.54	-675.26	-1141.65	-739.56
275	648	1.53	0.92	-1.75e-002	-409.94	-488.75	578.88
	645	1.53	-0.27	0.23	-4451.62	345.94	683.93
	1	1.04	-0.27	-0.45	-5796.57	-5410.34	175.07
	83	1.04	0.92	-0.68	1089.53	-3174.43	78.11
276	11	-0.45	0.15	-0.29	5400.21	5236.63	155.96
	644	-0.45	-0.19	-0.28	-794.98	2990.74	256.63
	661	-1.05	-0.19	-0.43	444.68	584.51	-238.96
	657	-1.05	0.15	-0.44	4330.83	-350.74	-329.76
277	639	-0.15	-1.20	-0.24	2042.97	-152.91	171.96
	637	-0.15	-0.13	3.36e-002	1027.45	2063.58	719.55
	644	-0.45	-0.13	0.20	-776.67	3429.97	819.80
	11	-0.45	-1.20	-0.10	5171.46	5365.36	270.20
278	629	-0.38	-1.20	-0.48	-863.99	3017.62	-56.70
	11	-0.38	0.15	-0.79	5150.93	5197.55	162.92
	657	-1.04	0.15	-0.41	4051.70	-326.41	679.18
	658	-1.04	-1.20	-0.10	533.68	433.76	476.50
279	95	-8.53e-002	-1.62	-0.38	676.55	1396.66	-767.85
	639	-8.53e-002	-1.20	-0.45	1976.30	-193.79	-214.52
	11	-0.38	-1.20	-0.64	5026.47	5337.30	-51.70
	629	-0.38	-1.62	-0.57	-1007.29	3492.11	-576.41
280	630	0.35	-4.44	-0.86	-24.88	12.24	16.44
	660	0.35	-6.14	-0.24	85.59	46.99	5.16
	76	-0.85	-6.14	-0.47	-52.31	-88.78	5.00
	75	-0.85	-4.44	-1.10	24.32	-53.23	18.10
281	629	-1.20	-6.32	-0.58	-48.42	-445.08	-31.04
	658	-1.20	-5.13	-0.67	-23.73	-369.15	3.13
	660	0.35	-5.13	-0.60	82.76	-24.62	24.21
	630	0.35	-6.32	-0.51	25.55	32.42	-10.45
282	628	0.39	-2.06	1.12	-61.08	-35.82	-8.71
	630	0.39	-4.44	-0.38	-6.83	-13.26	18.31
	75	-0.80	-4.44	-0.29	12.72	-39.22	20.59
	80	-0.80	-2.06	1.21	11.48	-18.95	-10.60
283	95	-1.62	-3.85	1.50	132.76	-189.58	104.63
	629	-1.62	-6.32	8.90e-002	-81.85	-400.18	53.63
	630	0.39	-6.32	0.15	-36.50	14.18	-13.66

	628	0.39	-3.85	1.58	-36.85	-87.34	38.27
284	94	0.20	0.64	2.96	-11.94	-15.94	-23.39
	628	0.20	-2.06	2.14	11.65	-32.38	-9.11
	80	-0.29	-2.06	1.81	17.39	-20.81	-16.96
	92	-0.29	0.64	2.63	25.24	-24.42	-31.68
285	91	-0.86	0.48	1.39	137.33	16.22	117.35
	95	-0.86	-3.85	1.43	-118.68	-152.13	105.00
	628	0.20	-3.85	2.61	-34.93	-37.23	16.03
	94	0.20	0.48	2.57	27.45	-26.01	27.97
286	90	-0.24	3.35	2.34	27.21	4.23	-28.80
	94	-0.24	0.64	3.08	54.81	-4.67	-31.31
	92	0.58	0.64	2.67	38.89	-36.99	-28.15
	96	0.58	3.35	1.93	38.53	-47.59	-25.53
287	87	0.31	4.86	1.73	151.64	237.10	88.21
	91	0.31	0.48	1.41	-142.78	43.67	122.21
	94	-0.24	0.48	2.69	-3.24	56.52	22.68
	90	-0.24	4.86	3.01	79.20	55.09	-16.15
288	86	-0.43	6.13	0.37	20.63	-18.63	6.58
	90	-0.43	3.35	1.49	113.98	5.61	-28.23
	96	0.94	3.35	1.46	52.49	-66.96	-13.65
	84	0.94	6.13	0.34	-12.73	-70.98	19.97
289	83	1.03	7.49	0.32	156.91	580.75	42.04
	87	1.03	4.86	1.84	-126.84	297.56	94.01
	90	-0.43	4.86	2.15	87.69	97.02	16.31
	86	-0.43	7.49	0.63	69.11	-55.50	-38.45
290	646	-0.43	8.27	0.60	-131.19	-45.28	9.97
	86	-0.43	6.13	0.20	20.85	-36.58	13.00
	84	0.78	6.13	-0.33	-27.90	-69.61	17.92
	88	0.78	8.27	0.13	-74.42	-65.08	14.87
291	648	0.92	5.87	-0.51	41.94	565.36	12.04
	83	0.92	7.49	-0.27	81.66	639.51	-57.32
	86	-0.43	7.49	0.46	-11.80	-84.71	-24.82
	646	-0.43	5.87	0.21	-149.43	-42.75	44.88
292	82	-3.62e-002	1.59	0.48	65.74	-23.00	17.60
	656	-3.62e-002	8.73	-0.18	-35.01	-91.48	-19.34
	125	1.90	8.73	0.85	-67.51	-23.55	-26.18
	129	1.90	1.59	1.45	26.65	-75.69	13.12
293	79	0.77	7.62	0.47	120.00	456.07	15.73
	655	0.77	5.61	0.59	20.42	446.20	34.90
	656	-3.62e-002	5.61	-0.10	8.31	56.02	-5.94
	82	-3.62e-002	6.96	-0.36	111.26	15.06	116.99
294	78	-0.24	0.52	-5.54	51.85	7.86	39.08
	82	-0.24	1.59	-0.66	28.52	-15.48	27.09
	129	1.42	1.59	-1.53	29.74	-59.85	11.46
	133	1.42	0.52	-6.43	30.09	-28.72	17.84
295	626	0.43	0.36	-2.21	-159.22	38.44	-118.07
	72	0.43	4.58	-1.59	154.52	218.93	-98.19
	82	-0.24	5.18	-2.63	81.13	98.05	-9.98
	78	-0.24	0.36	-3.34	-7.99	64.90	-19.12
296	71	0.14	-1.12	-0.33	8.04	-17.56	16.39
	78	0.14	0.52	-5.42	-19.46	-8.36	28.71
	133	-1.21	0.52	-6.28	16.01	12.11	24.96
	140	-1.21	-1.12	-1.15	10.68	28.18	15.02
297	680	-0.90	-4.38	-1.37	-126.57	-163.61	-119.23
	626	-0.90	0.36	-2.20	154.73	15.93	-116.44
	78	0.14	0.36	-3.21	27.69	-36.16	-22.13
	71	0.14	-4.92	-2.25	-38.12	-83.03	-22.25
298	668	-7.90e-002	-7.80	0.70	28.06	106.54	-9.34
	71	-7.90e-002	-1.12	1.17	-45.70	-14.39	19.36
	140	-1.84	-1.12	2.06	23.97	27.77	29.39

	144	-1.84	-7.80	1.59	21.37	-113.52	-6.59
299	667	-1.10	-5.58	0.91	45.48	-342.19	32.90
	677	-1.10	-7.24	0.81	-89.37	-373.83	8.77
	71	-7.90e-002	-7.06	0.38	-71.27	-36.92	90.37
	668	-7.90e-002	-5.58	0.76	-5.74	-107.07	14.48
300	676	0.48	-7.33	1.07	-43.62	16.80	-8.21
	666	0.48	-8.42	1.30	-19.85	22.52	-9.85
	165	0.10	-8.42	0.56	-38.17	219.04	-8.60
	161	0.10	-7.33	0.35	-35.34	211.96	10.41
301	675	1.01	-5.53	0.77	29.49	-224.52	24.42
	664	1.01	-8.20	1.79	-108.07	-268.29	28.78
	666	0.48	-8.20	2.36	-41.97	-69.99	7.93
	676	0.48	-5.53	1.34	-23.14	-81.44	-7.89
302	674	-0.12	-7.00	-0.53	-28.12	9.88	7.35
	676	-0.12	-7.33	0.33	-24.09	14.90	-7.48
	161	-3.08e-002	-7.33	0.22	-44.38	205.01	16.85
	156	-3.08e-002	-7.00	-0.49	-20.05	188.98	20.11
303	673	1.65	-5.25	-0.62	-40.45	-205.26	-12.18
	675	1.65	-5.53	0.51	-41.46	-216.43	15.03
	676	-0.12	-5.53	0.52	-34.78	-72.55	8.77
	674	-0.12	-5.25	-0.74	-20.04	-76.12	-9.91
304	662	0.36	-7.41	-1.55	-17.57	5.59	5.44
	674	0.36	-7.00	-1.33	-27.96	6.76	8.10
	156	0.17	-7.00	-0.64	-38.22	183.68	24.50
	152	0.17	-7.41	-0.86	12.95	161.62	19.85
305	661	0.90	-7.36	-1.81	-102.45	-227.69	-22.98
	673	0.90	-5.25	-0.87	33.01	-203.93	-18.51
	674	0.36	-5.25	-1.56	-26.92	-84.52	7.90
	662	0.36	-7.36	-2.50	-26.09	-77.17	-11.48
306	672	0.17	4.23	0.29	-49.41	47.47	-16.26
	654	0.17	6.74	0.60	-8.71	46.89	-27.35
	117	-0.37	6.74	1.60	-68.18	172.59	-9.95
	113	-0.37	4.23	1.23	-28.42	140.59	15.46
307	671	-0.44	4.10	-0.30	-11.13	-115.32	18.40
	652	-0.44	6.95	-0.86	-59.44	-160.61	22.22
	654	0.17	6.95	-0.83	-30.26	-32.12	-11.76
	672	0.17	4.10	-0.31	-19.83	-31.71	-16.10
308	670	0.80	4.06	-0.25	-37.73	39.59	14.53
	672	0.80	4.23	0.57	-36.09	47.86	-11.24
	113	0.93	4.23	0.59	-78.61	127.05	17.02
	108	0.93	4.06	-0.27	-46.59	112.25	31.04
309	669	-0.83	4.10	0.41	-38.16	-99.78	6.85
	671	-0.83	4.10	-0.13	-26.58	-104.13	7.18
	672	0.80	4.10	-0.23	-37.15	-28.78	8.64
	670	0.80	4.10	0.60	-24.84	-33.63	8.41
310	650	0.22	6.35	-0.16	-6.75	28.69	23.14
	670	0.22	4.06	0.45	-38.99	33.12	21.56
	108	-0.42	4.06	-0.73	-34.58	113.68	28.64
	104	-0.42	6.35	-1.15	-18.85	109.58	30.17
311	649	-0.20	6.97	1.10	-67.53	-147.47	-24.12
	669	-0.20	4.10	0.60	19.71	-106.22	-21.54
	670	0.22	4.10	0.86	-22.85	-42.08	13.10
	650	0.22	6.97	1.36	-19.78	-46.92	9.36
312	665	0.98	-8.65	1.24	21.65	9.28	13.74
	668	0.98	-7.80	1.02	48.20	-54.28	12.03
	144	0.13	-7.80	1.47	63.74	262.48	-15.51
	17	0.13	-8.65	1.69	11.78	234.50	-14.67
313	663	-1.09	-9.70	0.16	-13.95	-471.45	-78.33
	667	-1.09	-5.58	-0.71	40.73	-370.52	-57.41
	668	0.98	-5.58	0.30	131.12	69.82	22.25

	665	0.98	-9.70	1.13	-41.81	64.68	-3.45
314	666	0.91	-8.42	1.25	-50.43	18.79	-8.68
	665	0.91	-8.65	1.42	-24.30	10.79	-7.32
	17	0.10	-8.65	1.04	-12.21	235.25	-8.42
	165	0.10	-8.42	0.86	-30.96	228.15	-11.44
315	664	-1.01	-8.20	1.98	124.25	-285.53	49.23
	663	-1.01	-9.70	0.98	-79.04	-460.54	21.99
	665	0.91	-9.70	1.32	8.78	37.99	-17.56
	666	0.91	-8.20	2.31	-34.37	-86.56	11.43
316	659	0.71	-7.08	-1.47	-25.37	15.00	-17.93
	662	0.71	-7.41	-1.42	-41.02	4.49	5.93
	152	0.19	-7.41	-1.11	-29.68	157.36	18.60
	148	0.19	-7.08	-1.16	35.72	128.83	7.92
317	657	-1.05	-8.63	-0.94	-72.48	-395.11	-15.57
	661	-1.05	-7.36	-1.97	123.02	-236.56	-46.11
	662	0.71	-7.36	-2.37	-32.43	-94.96	-14.93
	659	0.71	-8.63	-1.34	-13.96	23.04	16.96
318	660	0.78	-6.14	-0.69	53.69	61.94	4.20
	659	0.78	-7.08	-1.14	-21.50	31.58	9.44
	148	0.15	-7.08	-1.34	-25.02	114.06	11.82
	76	0.15	-6.14	-0.89	24.08	85.93	4.98
319	658	-1.04	-5.13	0.82	44.98	-295.33	63.50
	657	-1.04	-8.63	-0.17	-20.36	-405.38	72.05
	659	0.78	-8.63	-1.01	-23.42	41.35	14.69
	660	0.78	-5.13	8.67e-002	73.26	9.41	7.01
320	653	-0.99	8.57	0.57	39.21	27.37	-25.18
	656	-0.99	8.73	0.16	132.04	59.78	-28.40
	125	-0.86	8.73	-0.47	86.70	161.72	-46.35
	121	-0.86	8.57	0.11	75.07	215.24	-43.12
321	651	1.37	8.98	0.63	-17.47	-375.68	-79.22
	655	1.37	5.61	0.90	125.85	-244.82	-56.26
	656	-0.99	5.61	0.86	142.90	-10.38	-17.93
	653	-0.99	8.98	0.59	35.96	76.39	-40.43
322	654	-0.59	6.74	0.85	-29.97	38.90	-26.51
	653	-0.59	8.57	0.34	23.52	23.34	-18.92
	121	-0.29	8.57	0.98	20.25	217.75	-13.03
	117	-0.29	6.74	1.48	-12.39	193.17	-20.02
323	652	1.40	6.95	-1.02	100.74	-181.28	46.34
	651	1.40	8.98	-0.10	26.00	-356.64	15.43
	653	-0.59	8.98	0.37	35.08	55.52	-41.40
	654	-0.59	6.95	-0.56	-6.04	-46.07	-11.48
324	647	-0.49	7.91	-0.25	23.25	25.72	7.64
	650	-0.49	6.35	-0.51	-27.30	23.25	26.18
	104	-0.42	6.35	-1.13	15.14	118.17	24.96
	100	-0.42	7.91	-0.88	52.43	117.71	7.38
325	645	1.74	9.11	0.10	22.90	-351.66	-13.48
	649	1.74	6.97	1.26	113.44	-166.43	-50.81
	650	-0.49	6.97	0.88	7.47	-64.60	7.36
	647	-0.49	9.11	-0.30	24.94	45.71	43.82
326	646	-0.87	8.27	-0.47	142.64	134.10	27.75
	647	-0.87	7.91	-0.67	14.88	46.21	24.03
	100	-0.89	7.91	-0.32	62.43	110.04	8.99
	88	-0.89	8.27	-0.12	81.14	41.88	12.16
327	648	1.53	5.87	-1.22	142.62	-229.43	72.84
	645	1.53	9.11	-0.70	-22.91	-371.88	84.58
	647	-0.87	9.11	-0.72	47.16	64.39	49.26
	646	-0.87	5.87	-1.24	109.08	-31.74	37.64
328	51	2.76	-1.62	1.40	187.35	-70.96	-40.98
	159	2.76	-1.79	0.77	189.67	-38.17	104.60
	142	-5.30	-1.79	2.12	545.98	-193.73	106.77

	53	-5.30	-1.62	2.94	255.53	133.01	-67.49
329	43	0.41	0.69	-0.45	83.86	-95.15	-43.13
	154	0.41	-2.99	-0.16	31.29	-106.16	69.79
	159	2.76	-2.99	-0.55	92.14	-93.21	56.01
	51	2.76	0.69	-0.84	147.70	-82.14	-37.61
330	128	-1.51	2.17	-1.54	46.99	-36.08	50.90
	363	-1.51	-1.81	-1.05	31.97	-81.04	48.20
	154	0.41	-1.81	-0.27	42.74	-24.41	52.76
	43	0.41	2.17	-0.77	35.09	-67.77	55.62
331	50	-0.10	9.90	1.28	39.99	-43.37	-50.50
	43	-0.10	0.69	0.87	64.69	-96.59	-40.87
	51	2.48	0.69	-4.19	150.12	-56.19	-57.60
	52	2.48	9.90	-3.76	40.39	-36.92	-95.71
332	362	0.84	7.81	-1.32	12.94	-30.15	-42.33
	128	0.84	2.17	-2.31	26.27	-41.04	49.93
	43	-0.10	2.17	0.54	61.96	-59.59	-42.54
	50	-0.10	7.81	1.51	14.34	-38.94	-42.76
333	36	0.22	-0.78	1.19	-84.83	60.59	60.88
	41	0.22	-10.80	1.31	-29.27	34.28	-53.42
	42	-2.52	-10.80	-3.72	-32.16	36.26	-61.71
	37	-2.52	-0.78	-3.86	-127.39	66.58	-47.25
334	604	-0.68	-2.35	-2.39	-64.16	38.23	95.09
	357	-0.68	-9.06	-1.40	-10.80	-53.42	83.72
	41	0.22	-9.06	1.61	-18.15	-40.19	59.29
	36	0.22	-2.35	0.63	-84.92	43.61	67.57
335	35	-2.70	2.04	1.00	-175.38	-18.12	77.36
	37	-2.70	1.56	1.80	-138.66	71.67	-43.01
	40	5.11	1.56	3.22	-195.01	-55.68	-67.35
	131	5.11	2.04	2.25	-382.93	148.93	-71.99
336	34	-0.22	3.29	8.17e-002	-115.33	77.02	61.69
	36	-0.22	-0.78	0.16	-103.13	63.00	61.08
	37	-2.70	-0.78	-0.41	-142.09	89.52	-44.20
	35	-2.70	3.29	-0.30	-93.25	115.21	-42.09
337	356	1.85	2.31	-1.13	-159.15	84.85	93.52
	604	1.85	-2.35	-1.64	-111.91	38.51	108.25
	36	-0.22	-2.35	-0.62	-85.00	53.72	73.98
	34	-0.22	2.31	-0.11	-139.27	33.28	59.92
338	31	3.20e-002	0.29	0.39	-201.27	129.72	174.06
	35	3.20e-002	2.04	0.40	-115.19	349.64	105.03
	131	0.26	2.04	0.87	-552.38	-672.48	106.60
	33	0.26	0.29	9.99e-001	71.24	-229.53	175.22
339	29	7.26e-002	0.97	0.23	-113.44	322.69	-42.05
	34	7.26e-002	3.29	9.25e-002	-78.64	303.66	-34.90
	35	3.20e-002	3.29	0.22	-65.68	328.73	88.29
	31	3.20e-002	0.97	0.32	-172.66	203.37	103.85
340	579	0.28	0.94	0.12	66.05	384.51	124.70
	356	0.28	2.31	-0.20	-175.81	207.86	112.42
	34	7.26e-002	2.31	-0.13	-142.24	357.06	-37.20
	29	7.26e-002	0.94	0.19	-41.68	322.06	45.03
341	30	5.50e-002	-0.86	3.60e-002	-47.96	344.16	72.70
	29	5.50e-002	0.97	0.29	-28.76	308.27	66.30
	31	0.18	0.97	0.11	-34.60	169.08	108.10
	32	0.18	-0.86	-0.19	-48.16	93.74	113.98
342	364	0.36	-0.91	0.29	97.37	734.04	187.95
	579	0.36	0.94	0.32	-61.90	466.43	161.85
	29	5.50e-002	0.94	0.26	-50.11	337.17	60.43
	30	5.50e-002	-0.91	0.29	29.29	246.12	91.01
343	23	-8.46e-002	-0.50	0.26	52.09	-61.37	-92.28
	26	-8.46e-002	-0.42	3.58e-002	32.10	-71.90	-105.60
	27	-0.14	-0.42	-0.24	-29.43	-169.18	-132.56

	24	-0.14	-0.50	-0.12	74.61	-131.31	-119.68
344	516	0.57	-0.79	0.12	228.11	-94.04	64.31
	365	0.57	0.96	-0.38	178.19	-367.09	-58.18
	26	-8.46e-002	0.96	-0.34	57.63	57.84	-145.84
	23	-8.46e-002	-0.79	0.24	84.08	-175.01	-42.31
345	22	-5.40e-002	0.53	-0.13	25.12	-210.58	-135.85
	24	-5.40e-002	-8.49e-002	0.39	52.01	-291.33	-194.01
	25	-0.26	-8.49e-002	0.95	66.36	-273.97	-158.98
	138	-0.26	0.53	0.45	-167.31	-420.71	-99.15
346	21	-7.08e-002	-1.42	0.12	118.04	-31.10	-31.28
	23	-7.08e-002	-0.50	0.26	81.61	-27.99	-58.05
	24	-5.40e-002	-0.50	0.18	21.82	-104.31	-153.10
	22	-5.40e-002	-1.42	0.11	122.16	63.45	-121.14
347	361	0.20	-1.61	0.21	76.20	-86.60	38.92
	516	0.20	-0.79	0.31	181.91	-83.66	30.98
	23	-7.08e-002	-0.79	0.23	116.07	-136.16	-27.40
	21	-7.08e-002	-1.61	0.14	105.02	-70.09	-22.46
348	18	-0.32	-1.40	-0.73	-22.73	49.28	-36.89
	22	-0.32	0.53	-0.98	40.78	44.68	-96.04
	138	0.76	0.53	3.64	-97.21	93.00	-85.25
	20	0.76	-1.40	3.86	41.80	80.64	40.23
349	15	0.12	-0.39	1.12	22.17	27.49	22.93
	21	0.12	-1.42	0.67	84.89	27.23	-39.99
	22	-0.32	-1.42	-0.62	45.66	-63.42	-67.24
	18	-0.32	-0.39	-0.20	24.41	35.44	-44.35
350	491	0.10	-0.27	0.50	33.49	-39.67	25.93
	361	0.10	-1.61	0.19	67.33	-46.59	29.29
	21	0.12	-1.61	0.55	89.95	-56.37	21.89
	15	0.12	-0.27	0.85	23.63	33.08	-25.56
351	19	8.79e-002	0.15	-0.10	-10.53	39.30	16.09
	18	8.79e-002	-1.40	-0.26	9.85	43.20	-31.06
	20	0.70	-1.40	0.87	35.29	80.07	13.71
	137	0.70	0.15	1.01	2.28	20.77	14.17
352	16	7.36e-002	1.50	-0.10	2.48	34.85	20.81
	15	7.36e-002	-0.39	0.97	19.52	31.99	-25.98
	18	8.79e-002	-0.39	0.34	10.68	39.78	-25.77
	19	8.79e-002	1.50	-0.55	4.06	37.77	19.69
353	360	2.68e-002	1.86	-5.74e-002	2.77	34.33	24.01
	491	2.68e-002	-0.27	0.40	21.66	-35.82	24.38
	15	7.36e-002	-0.27	0.69	20.15	32.61	23.22
	16	7.36e-002	1.86	0.26	2.75	34.47	22.51
354	9	-8.59e-002	1.41	-0.39	-24.62	-59.74	42.76
	13	-8.59e-002	-0.18	-0.14	-14.07	-58.29	25.23
	135	-0.53	-0.18	1.05	5.86	-31.57	29.84
	10	-0.53	1.41	0.82	-46.24	-117.92	27.76
355	8	-2.65e-002	0.35	0.91	-24.44	-20.43	35.47
	12	-2.65e-002	-1.32	-0.10	-3.19	-29.85	30.62
	13	-8.59e-002	-1.32	-0.62	-6.34	-48.05	29.47
	9	-8.59e-002	0.35	0.22	-17.96	-41.31	35.33
356	454	-1.94e-002	0.25	0.41	-13.19	17.57	37.81
	359	-1.94e-002	-1.56	-5.98e-002	-4.98	19.39	35.40
	12	-2.65e-002	-1.56	0.25	-2.59	-24.24	32.82
	8	-2.65e-002	0.25	0.68	-22.04	14.75	34.43
357	7	0.25	-0.58	-1.00	-89.35	-30.58	54.30
	9	0.25	1.41	-0.79	-34.97	-72.56	35.53
	10	0.47	1.41	3.69	-56.21	-126.49	66.79
	134	0.47	-0.58	3.50	-113.91	-180.97	76.49
358	6	-5.96e-002	1.11	0.71	-55.99	-10.47	46.08
	8	-5.96e-002	0.35	1.09	-39.40	11.98	36.03
	9	0.25	0.35	-0.25	-51.13	-40.67	44.35

	7	0.25	1.11	-0.60	-68.27	54.39	43.17
359	358	-2.53e-002	1.04	0.25	-19.86	9.27	56.47
	454	-2.53e-002	0.25	0.52	-24.49	21.35	38.52
	8	-5.96e-002	0.25	0.87	-27.64	-13.47	37.00
	6	-5.96e-002	1.04	0.61	-53.31	29.59	53.68
360	2	-0.24	0.25	0.45	-137.61	309.01	54.03
	7	-0.24	-0.58	0.17	-102.51	200.58	66.36
	134	0.64	-0.58	-0.34	-89.81	365.06	42.99
	5	0.64	0.25	0.81	-267.59	151.45	56.84
361	167	2.05e-002	0.50	0.39	-51.44	-11.65	88.04
	6	2.05e-002	1.11	0.26	-79.64	44.26	62.67
	7	-0.24	1.11	0.29	-161.34	-107.99	48.41
	2	-0.24	0.50	0.41	-51.45	69.14	46.31
362	429	-4.39e-002	0.69	0.43	-31.58	45.90	80.34
	358	-4.39e-002	1.04	0.28	-16.22	82.70	59.88
	6	2.05e-002	1.04	0.25	-34.17	-22.67	71.33
	167	2.05e-002	0.69	0.40	-63.92	34.18	92.63
363	168	1.56e-002	-0.31	-0.11	-14.32	-28.12	121.04
	167	1.56e-002	0.50	0.24	-44.68	-25.60	81.73
	2	-0.13	0.50	0.45	-163.32	86.52	91.35
	3	-0.13	-0.31	0.16	21.67	-103.15	130.41
364	367	3.24e-002	-0.36	4.23e-002	-3.15	-25.21	99.12
	429	3.24e-002	0.69	0.37	-19.78	32.00	90.32
	167	1.56e-002	0.69	0.25	-28.18	38.00	104.18
	168	1.56e-002	-0.36	-0.11	-15.77	-32.94	113.33
365	151	-3.23e-002	-0.77	9.12e-002	70.11	-234.15	104.74
	163	-3.23e-002	1.30	-7.95e-002	36.48	-183.44	114.85
	164	-8.54e-002	1.30	0.18	48.21	-71.96	205.46
	155	-8.54e-002	-0.77	0.30	83.56	-135.62	195.42
366	392	0.16	-0.61	0.26	11.13	-203.95	53.82
	366	0.16	0.95	0.13	17.71	-183.74	74.27
	163	-3.23e-002	0.95	-7.06e-002	-4.24	-171.29	99.14
	151	-3.23e-002	-0.61	0.10	79.01	-196.98	76.75
367	159	0.21	-1.79	0.30	142.18	-329.66	153.31
	155	0.21	-0.37	0.14	222.25	-117.82	239.98
	160	-0.81	-0.37	0.81	68.61	234.98	232.56
	142	-0.81	-1.79	0.65	606.16	669.94	145.45
368	154	4.41e-002	-2.99	-0.13	32.96	-268.11	50.80
	151	4.41e-002	-0.77	0.13	104.71	-276.54	93.77
	155	0.21	-0.77	0.18	203.28	-165.26	176.53
	159	0.21	-2.99	0.13	60.56	-307.54	128.16
369	363	-0.14	-1.81	-0.14	45.39	-109.82	53.25
	392	-0.14	-0.61	0.15	14.50	-187.70	66.52
	151	4.41e-002	-0.61	0.12	53.39	-214.44	57.92
	154	4.41e-002	-1.81	-0.22	50.15	-277.07	45.85
373	126	3.64e-002	2.40	1.97	13.88	-21.86	45.56
	391	3.64e-002	-0.97	-0.21	26.29	-26.88	49.85
	363	-1.51	-0.97	-1.30	47.72	-18.54	54.82
	128	-1.51	2.40	0.88	22.91	-23.96	50.19
374	123	1.66	1.91	0.58	11.68	-61.51	49.93
	389	1.66	-1.54	-1.39	-36.23	-77.90	57.18
	391	3.64e-002	-1.54	-0.18	10.68	-32.35	50.92
	126	3.64e-002	1.91	1.79	12.27	-39.42	44.49
375	119	8.50e-003	2.37	-1.27	25.42	-45.01	54.68
	387	8.50e-003	-0.70	-0.57	-35.48	-104.19	53.49
	389	1.66	-0.70	-1.26	5.57	26.95	49.30
	123	1.66	2.37	-1.96	-18.53	-32.89	50.42
376	115	-1.78	2.24	-2.11	25.87	23.74	54.15
	385	-1.78	1.35	-1.36	8.68	-52.63	53.01
	387	8.50e-003	1.35	-0.59	43.49	75.46	54.58

	119	8.50e-003	2.24	-1.34	-20.41	23.37	55.73
377	111	-2.07e-002	2.74	1.60	-7.28	36.30	47.98
	383	-2.07e-002	2.45	-0.39	-11.66	32.43	55.30
	385	-1.78	2.45	-1.52	46.70	70.58	61.23
	115	-1.78	2.74	0.49	-11.54	50.89	53.58
378	106	1.77	1.98	0.39	6.29	-29.65	51.50
	381	1.77	1.85	-1.58	-59.50	-50.23	59.44
	383	-2.07e-002	1.85	-0.40	-8.40	38.16	54.56
	111	-2.07e-002	1.98	1.56	-13.95	25.41	47.09
379	102	3.40e-003	2.36	-1.59	21.42	-28.62	54.43
	379	3.40e-003	2.77	-0.73	-49.80	-78.24	52.55
	381	1.77	2.77	-1.43	-8.56	83.02	49.78
	106	1.77	2.36	-2.29	-32.07	28.61	51.60
380	98	-1.71	2.09	-2.39	26.98	51.86	52.59
	377	-1.71	4.61	-1.45	-10.42	-40.18	51.28
	379	3.40e-003	4.61	-0.72	41.36	126.87	53.42
	102	3.40e-003	2.09	-1.66	-27.61	63.13	54.74
381	61	-9.23e-003	2.42	1.17	11.06	59.76	45.33
	375	-9.23e-003	5.73	-0.55	-15.46	43.32	53.40
	377	-1.71	5.73	-1.62	50.83	117.84	59.84
	98	-1.71	2.42	0.13	-16.31	87.17	51.32
382	621	1.72	1.51	-0.10	8.93	-27.09	43.93
	373	1.72	5.10	-1.73	-72.01	-47.27	54.59
	375	-9.23e-003	5.10	-0.58	8.79	82.91	53.05
	61	-9.23e-003	1.51	1.13	-19.96	55.18	42.60
383	619	1.15e-002	1.65	-1.93	8.06	-34.70	39.12
	371	1.15e-002	5.87	-0.94	-84.44	-87.69	42.88
	373	1.72	5.87	-1.59	-16.34	105.81	45.87
	621	1.72	1.65	-2.58	-44.77	42.11	41.86
384	617	-1.37	1.20	-2.58	-11.39	-38.72	-30.66
	369	-1.37	7.35	-1.46	-95.30	-86.61	34.12
	371	1.15e-002	7.35	-0.86	9.77	126.07	42.64
	619	1.15e-002	1.20	-1.99	-54.52	54.61	36.01
385	355	6.61e-002	1.28	0.74	-15.84	-42.44	-30.40
	289	6.61e-002	8.43	-0.51	-84.61	-54.92	-29.43
	369	-1.37	8.43	-1.57	-26.17	112.30	-30.31
	617	-1.37	1.28	-0.36	-53.88	49.90	-29.63
386	127	7.14e-002	2.77	-2.07	8.46	-27.09	-43.13
	126	7.14e-002	2.40	3.46	13.99	-23.70	44.25
	128	0.84	2.40	0.15	25.71	-24.90	-45.41
	362	0.84	2.77	-5.43	4.46	-20.77	-44.67
387	124	-0.86	13.23	-5.35	3.20	-46.96	43.83
	123	-0.86	1.91	0.19	3.49	-56.44	46.41
	126	7.14e-002	1.91	3.28	8.15	-39.01	-43.51
	127	7.14e-002	13.23	-2.21	9.85	-39.72	-41.22
388	120	-2.61e-002	7.25	0.78	3.53	-24.63	49.78
	119	-2.61e-002	2.37	-0.82	3.07	-36.57	49.52
	123	-0.86	2.37	-2.38	3.40	-37.71	46.26
	124	-0.86	7.25	-0.80	-1.49	-45.30	46.50
389	116	0.88	4.15	-0.84	2.65	34.00	49.42
	115	0.88	2.24	-2.53	4.37	26.49	49.44
	119	-2.61e-002	2.24	-0.88	7.66	19.56	50.32
	120	-2.61e-002	4.15	0.81	-2.66	-19.40	50.26
390	112	-7.99e-002	-2.92	-2.51	-17.57	34.16	44.38
	111	-7.99e-002	2.74	3.19	-10.63	36.28	45.61
	115	0.88	2.74	0.14	8.30	45.66	49.30
	116	0.88	-2.92	-5.67	-4.39	39.62	48.35
391	107	-0.90	8.42	-5.60	2.60	-28.17	47.52
	106	-0.90	1.98	0.11	-13.33	-24.56	47.16
	111	-7.99e-002	1.98	3.15	-12.76	25.12	44.77

	112	-7.99e-002	8.42	-2.44	-17.95	18.64	44.68
392	103	-2.09e-002	2.11	0.81	2.54	37.19	49.69
	102	-2.09e-002	2.36	-1.08	-8.15	-29.33	48.35
	106	-0.90	2.36	-2.67	-8.09	26.59	46.99
	107	-0.90	2.11	-0.79	-3.75	-28.50	48.36
393	99	0.85	-2.46	-0.79	3.39	67.09	47.63
	98	0.85	2.09	-2.75	6.04	57.61	46.91
	102	-2.09e-002	2.09	-1.15	5.62	55.24	48.89
	103	-2.09e-002	-2.46	0.82	-3.34	45.22	49.56
394	62	-3.54e-002	-8.97	-2.36	-22.76	57.26	40.94
	61	-3.54e-002	2.42	2.77	-14.82	60.84	40.90
	98	0.85	2.42	-0.28	10.02	79.80	46.59
	99	0.85	-8.97	-5.40	-5.39	71.04	47.03
395	622	-0.87	2.01	-5.39	3.90	-32.69	37.45
	621	-0.87	1.51	-0.33	-21.89	-24.87	37.96
	61	-3.54e-002	1.51	2.73	-16.72	51.41	39.76
	62	-3.54e-002	2.01	-2.35	-23.40	37.79	38.32
396	620	-1.36e-002	-5.79	0.80	1.48	-34.04	32.64
	619	-1.36e-002	1.65	-1.35	-25.74	-32.22	33.33
	621	-0.87	1.65	-2.87	-16.80	35.96	36.89
	622	-0.87	-5.79	-0.72	-7.28	-31.40	36.20
397	618	0.77	-9.48	-0.66	3.39	-37.81	-30.61
	617	0.77	1.20	-2.84	-26.29	-36.41	-30.81
	619	-1.36e-002	1.20	-1.41	-18.99	43.93	31.90
	620	-1.36e-002	-9.48	0.78	-7.88	-35.54	31.87
398	288	0.26	-15.90	-1.87	22.53	39.11	-33.15
	355	0.26	1.28	2.16	-22.29	45.41	-33.69
	617	0.77	1.28	-0.61	-22.21	-41.14	-30.67
	618	0.77	-15.90	-4.63	-4.22	-39.21	-32.44
399	603	0.19	-2.59	3.01	-22.61	23.58	112.43
	616	0.19	-3.44	-2.23	-10.95	-29.16	99.63
	357	-0.68	-3.44	-5.52	-3.29	-54.84	86.56
	604	-0.68	-2.59	-0.31	-62.93	-54.65	98.78
400	602	0.79	-1.97	-0.31	29.91	51.83	113.59
	615	0.79	-13.03	-5.20	-7.68	39.10	102.94
	616	0.19	-13.03	-2.15	11.92	18.61	102.77
	603	0.19	-1.97	2.77	-21.05	-22.38	113.35
401	601	-8.37e-003	-2.13	-1.12	41.10	43.10	92.86
	614	-8.37e-003	-6.56	0.85	-1.67	41.21	89.67
	615	0.79	-6.56	-0.74	8.44	44.12	103.58
	602	0.79	-2.13	-2.70	25.64	18.18	106.77
402	600	-0.87	-1.65	-2.76	40.25	20.00	66.28
	613	-0.87	-3.29	-0.77	4.54	24.55	65.90
	614	-8.37e-003	-3.29	0.86	8.72	37.68	85.47
	601	-8.37e-003	-1.65	-1.13	34.74	7.07	85.87
403	599	-7.25e-002	-1.81	2.92	50.16	27.59	45.94
	612	-7.25e-002	3.88	-2.43	25.53	28.79	41.77
	613	-0.87	3.88	-5.54	11.59	26.56	57.11
	600	-0.87	-1.81	-0.24	38.82	-8.23	62.46
404	598	0.88	-0.82	-0.30	55.39	53.08	-33.40
	611	0.88	-7.10	-5.63	6.34	62.35	-35.00
	612	-7.25e-002	-7.10	-2.47	27.65	44.91	43.38
	599	-7.25e-002	-0.82	2.88	51.80	26.09	40.45
405	597	9.83e-003	-0.96	-1.29	41.34	39.97	-39.26
	610	9.83e-003	-1.40	0.87	4.22	41.25	-36.58
	611	0.88	-1.40	-0.76	9.40	64.05	-32.68
	598	0.88	-0.96	-2.92	47.82	31.64	-32.81
406	596	-0.85	-0.50	-2.94	28.02	14.07	-56.43
	609	-0.85	4.06	-0.74	5.08	14.38	-53.37
	610	9.83e-003	4.06	0.87	6.80	37.31	-40.01

	597	9.83e-003	-0.50	-1.33	33.79	7.62	-42.53
407	595	-3.01e-002	-0.56	2.58	32.22	19.79	-68.90
	608	-3.01e-002	10.90	-2.35	26.17	18.08	-72.63
	609	-0.85	10.90	-5.37	8.59	16.90	-61.62
	596	-0.85	-0.56	-0.45	26.71	-13.68	-57.52
408	594	0.85	0.87	-0.47	33.09	45.71	-78.80
	607	0.85	-1.77	-5.36	4.83	43.01	-75.84
	608	-3.01e-002	-1.77	-2.33	26.74	32.91	-69.66
	595	-3.01e-002	0.87	2.56	33.04	16.77	-72.86
409	593	1.63e-002	0.87	-1.46	18.79	33.27	-89.42
	606	1.63e-002	8.04	0.83	1.88	23.88	-84.78
	607	0.85	8.04	-0.70	6.23	45.66	-77.89
	594	0.85	0.87	-2.99	25.55	22.46	-82.41
410	592	-0.71	1.47	-2.99	11.30	12.46	-95.71
	605	-0.71	11.82	-0.62	-4.07	-9.55	-91.08
	606	1.63e-002	11.82	0.83	3.45	22.01	-86.59
	593	1.63e-002	1.47	-1.54	13.09	-6.73	-91.27
411	348	-0.11	1.65	1.82	-18.59	15.67	-98.24
	283	-0.11	18.48	-1.92	-22.92	14.29	-96.05
	605	-0.71	18.48	-4.59	4.35	-9.38	-92.98
	592	-0.71	1.65	-0.87	-16.25	-15.38	-94.95
412	591	4.16e-002	1.17	-0.50	-49.82	32.08	158.92
	603	4.16e-002	-2.59	1.44	-50.54	24.29	124.50
	604	1.85	-2.59	0.49	-68.21	-54.13	108.50
	356	1.85	1.17	-1.46	-176.32	-50.71	142.54
413	590	-1.65	1.31	-1.57	104.75	74.72	153.54
	602	-1.65	-1.97	0.17	12.36	55.27	123.88
	603	4.16e-002	-1.97	1.19	-17.42	-23.25	126.35
	591	4.16e-002	1.31	-0.44	-35.47	-41.30	155.97
414	589	-2.70e-002	0.63	-0.81	126.78	114.37	108.51
	601	-2.70e-002	-2.13	-1.71	17.41	48.59	102.74
	602	-1.65	-2.13	-2.37	64.02	7.82	119.74
	590	-1.65	0.63	-1.47	56.21	-77.43	125.51
415	588	1.75	-0.91	-1.57	90.23	95.73	77.53
	600	1.75	-1.65	-2.44	19.21	24.58	76.33
	601	-2.70e-002	-1.65	-1.72	71.37	-9.43	95.41
	589	-2.70e-002	-0.91	-0.85	32.26	-99.88	96.61
416	587	-4.24e-002	-1.53	-0.59	102.32	60.80	61.69
	599	-4.24e-002	-1.81	1.26	41.19	28.12	51.12
	600	1.75	-1.81	0.20	64.00	-19.32	69.61
	588	1.75	-1.53	-1.72	24.22	-72.90	81.40
417	586	-1.82	-0.83	-1.79	150.25	98.06	41.34
	598	-1.82	-0.82	0.12	39.58	59.25	-35.62
	599	-4.24e-002	-0.82	1.21	70.30	15.02	45.20
	587	-4.24e-002	-0.83	-0.60	71.41	-39.80	53.46
418	585	-1.71e-002	-1.51	-0.93	124.68	129.82	-35.46
	597	-1.71e-002	-0.96	-1.91	18.58	48.81	-34.09
	598	-1.82	-0.96	-2.62	84.05	15.58	-32.84
	586	-1.82	-1.51	-1.65	70.97	-82.59	-32.56
419	584	1.71	-2.86	-1.65	68.19	107.19	-48.71
	596	1.71	-0.50	-2.67	14.88	22.23	-47.00
	597	-1.71e-002	-0.50	-1.94	67.43	-12.80	-37.64
	585	-1.71e-002	-2.86	-0.92	18.41	-111.13	-38.94
420	583	-1.36e-002	-3.58	-0.69	68.97	71.56	-51.61
	595	-1.36e-002	-0.56	0.94	22.46	24.36	-61.63
	596	1.71	-0.56	-0.20	48.73	-25.74	-50.76
	584	1.71	-3.58	-1.80	-27.22	-85.59	-41.85
421	582	-1.73	-2.89	-1.82	109.25	106.94	-60.17
	594	-1.73	0.87	-0.24	17.78	55.08	-70.44
	595	-1.36e-002	0.87	0.91	49.05	7.21	-65.14

	583	-1.36e-002	-2.89	-0.69	31.03	-52.10	-55.17
422	581	-3.76e-003	-3.58	-1.03	82.88	138.15	-82.08
	593	-3.76e-003	0.87	-2.09	-19.66	45.75	-79.65
	594	-1.73	0.87	-2.74	58.97	8.61	-74.11
	582	-1.73	-3.58	-1.68	27.33	-91.26	-76.48
423	580	1.48	-4.88	-1.62	32.42	121.29	-86.58
	592	1.48	1.47	-2.80	-36.87	24.57	-85.24
	593	-3.76e-003	1.47	-2.16	41.86	-18.56	-82.43
	581	-3.76e-003	-4.88	-0.98	-44.44	-117.89	-83.78
424	282	1.08e-002	-5.62	-0.87	26.18	93.45	-76.92
	348	1.08e-002	1.65	0.27	-30.13	25.17	-86.84
	592	1.48	1.65	-0.69	24.00	-27.79	-86.14
	580	1.48	-5.62	-1.75	-72.72	-97.02	-76.27
425	578	0.20	0.73	-0.39	143.01	132.92	257.04
	591	0.20	1.17	-0.30	-113.93	36.87	219.92
	356	0.28	1.17	-0.16	-118.83	323.48	155.13
	579	0.28	0.73	-0.25	-56.17	278.08	191.79
426	577	7.19e-002	0.50	-0.90	119.72	222.82	174.97
	590	7.19e-002	1.31	-0.65	51.02	128.66	151.89
	591	0.20	1.31	-0.38	88.74	404.35	225.57
	578	0.20	0.50	-0.63	-36.02	211.79	248.73
427	576	2.10e-002	0.30	-1.11	112.22	112.07	87.69
	589	2.10e-002	0.63	-0.91	76.50	63.94	89.14
	590	7.19e-002	0.63	-0.80	102.81	300.45	139.27
	577	7.19e-002	0.30	-0.99	94.75	180.94	137.41
428	575	-2.57e-002	-0.77	-1.06	124.65	33.47	73.33
	588	-2.57e-002	-0.91	-0.85	43.75	-120.11	80.53
	589	2.10e-002	-0.91	-0.93	86.92	153.61	81.20
	576	2.10e-002	-0.77	-1.14	107.75	59.95	74.02
429	574	1.61e-002	-1.21	-0.90	182.14	50.20	106.08
	587	1.61e-002	-1.53	-0.55	14.23	-242.83	104.45
	588	-2.57e-002	-1.53	-0.73	94.20	111.37	78.91
	575	-2.57e-002	-1.21	-1.08	83.60	-62.65	80.51
430	573	3.28e-002	-1.56	-1.14	123.78	57.82	37.51
	586	3.28e-002	-0.83	-0.78	74.15	-93.83	37.42
	587	1.61e-002	-0.83	-0.56	171.90	269.65	96.13
	574	1.61e-002	-1.56	-0.92	29.30	48.03	95.80
431	572	1.73e-002	-2.04	-1.25	90.38	-80.27	-65.44
	585	1.73e-002	-1.51	-1.02	64.88	-148.30	-52.42
	586	3.28e-002	-1.51	-0.92	121.91	142.47	-32.82
	573	3.28e-002	-2.04	-1.15	79.93	32.95	-35.60
432	571	1.67e-002	-2.75	-1.20	86.96	-213.55	-62.12
	584	1.67e-002	-2.86	-0.96	22.84	-315.92	-49.43
	585	1.73e-002	-2.86	-1.03	70.42	51.46	-57.99
	572	1.73e-002	-2.75	-1.27	78.11	-132.44	-71.28
433	570	1.96e-002	-3.26	-1.06	135.62	-244.44	-29.36
	583	1.96e-002	-3.58	-0.67	-44.26	-448.12	-29.16
	584	1.67e-002	-3.58	-0.85	63.02	-99.87	-48.19
	571	1.67e-002	-3.26	-1.23	45.23	-250.71	-49.76
434	569	3.68e-002	-3.65	-1.29	77.22	-165.34	-70.37
	582	3.68e-002	-2.89	-0.88	34.46	-307.03	-68.51
	583	1.96e-002	-2.89	-0.67	129.29	63.63	-28.96
	570	1.96e-002	-3.65	-1.08	27.92	-172.15	-29.60
435	568	2.53e-002	-4.16	-1.41	45.62	-286.30	-123.00
	581	2.53e-002	-3.58	-1.11	24.42	-365.70	-107.94
	582	3.68e-002	-3.58	-1.01	79.36	-85.19	-77.32
	569	3.68e-002	-4.16	-1.31	34.85	-201.32	-91.99
436	567	1.37e-002	-4.88	-1.39	38.64	-421.16	-107.57
	580	1.37e-002	-4.88	-1.08	-35.59	-520.15	-92.84
	581	2.53e-002	-4.88	-1.13	29.28	-261.77	-109.08

	568	2.53e-002	-4.88	-1.44	33.22	-338.60	-123.92
437	343	2.26e-002	-5.47	-1.28	67.18	-467.10	-52.91
	282	2.26e-002	-5.62	-0.85	-75.16	-652.75	-49.27
	580	1.37e-002	-5.62	-0.99	21.97	-324.69	-88.06
	567	1.37e-002	-5.47	-1.42	20.75	-455.93	-91.95
438	566	0.36	0.30	-0.33	151.91	112.46	256.84
	578	0.36	0.73	-0.42	85.42	149.94	223.38
	579	0.36	0.73	0.10	97.98	296.65	223.94
	364	0.36	0.30	0.12	-66.56	333.44	257.01
439	565	0.19	0.12	-0.40	129.16	138.23	156.55
	577	0.19	0.50	-0.67	109.14	202.29	162.03
	578	0.36	0.50	-0.67	117.08	187.74	221.85
	566	0.36	0.12	-0.41	144.50	173.48	216.02
440	564	4.27e-002	-0.39	-0.45	122.86	74.37	83.64
	576	4.27e-002	0.30	-0.79	122.70	108.35	80.13
	577	0.19	0.30	-0.76	94.59	152.97	126.22
	565	0.19	-0.39	-0.42	142.73	124.75	129.70
441	563	-8.83e-002	-0.85	-0.47	130.46	31.97	58.99
	575	-8.83e-002	-0.77	-0.83	128.90	27.48	56.81
	576	4.27e-002	-0.77	-0.82	102.86	47.27	68.61
	564	4.27e-002	-0.85	-0.46	150.69	42.91	70.81
442	562	3.21e-002	-1.34	-0.56	131.05	51.09	58.06
	574	3.21e-002	-1.21	-0.90	95.98	35.84	65.14
	575	-8.83e-002	-1.21	-0.85	110.55	-64.80	65.19
	563	-8.83e-002	-1.34	-0.51	144.70	44.51	58.27
443	561	0.12	-1.85	-0.54	86.22	33.99	-36.85
	573	0.12	-1.56	-0.89	94.69	49.34	-34.13
	574	3.21e-002	-1.56	-0.92	111.22	30.01	56.38
	562	3.21e-002	-1.85	-0.57	99.96	29.43	49.26
444	560	3.47e-002	-2.36	-0.52	78.85	-102.51	-76.33
	572	3.47e-002	-2.04	-0.91	94.51	-77.95	-75.54
	573	0.12	-2.04	-0.90	75.34	35.68	-48.19
	561	0.12	-2.36	-0.52	99.65	45.92	-48.96
445	559	-7.13e-002	-2.87	-0.56	84.13	-200.07	-82.24
	571	-7.13e-002	-2.75	-0.95	90.43	-194.95	-81.16
	572	3.47e-002	-2.75	-0.93	72.37	-143.74	-82.08
	560	3.47e-002	-2.87	-0.54	104.95	-137.59	-83.18
446	558	3.69e-002	-3.41	-0.66	83.53	-234.07	-63.89
	570	3.69e-002	-3.26	-1.04	54.75	-220.48	-54.94
	571	-7.13e-002	-3.26	-0.98	71.64	-250.21	-66.92
	559	-7.13e-002	-3.41	-0.60	96.81	-219.22	-76.29
447	557	0.12	-3.96	-0.65	42.49	-214.99	-99.21
	569	0.12	-3.65	-1.04	50.97	-171.15	-89.31
	570	3.69e-002	-3.65	-1.06	68.14	-201.30	-58.57
	558	3.69e-002	-3.96	-0.67	54.55	-200.03	-67.81
448	556	4.54e-002	-4.52	-0.64	36.67	-298.69	-134.91
	568	4.54e-002	-4.16	-1.06	49.07	-280.09	-133.99
	569	0.12	-4.16	-1.05	34.26	-226.05	-113.15
	557	0.12	-4.52	-0.63	53.89	-234.75	-114.07
449	555	-5.12e-002	-5.09	-0.67	40.51	-401.48	-128.12
	567	-5.12e-002	-4.88	-1.11	42.68	-401.32	-126.34
	568	4.54e-002	-4.88	-1.09	30.89	-346.46	-135.46
	556	4.54e-002	-5.09	-0.64	58.18	-334.32	-137.24
450	290	3.66e-002	-5.70	-0.75	38.24	-448.43	-98.45
	343	3.66e-002	-5.47	-1.19	20.64	-441.97	-89.95
	567	-5.12e-002	-5.47	-1.15	28.72	-454.39	-109.55
	555	-5.12e-002	-5.70	-0.71	50.76	-421.83	-118.13
451	553	0.52	-3.48e-002	-0.29	181.66	141.85	251.00
	566	0.52	0.30	-0.29	145.22	94.11	239.10
	364	1.36	0.30	0.22	153.96	306.49	377.14

	554	1.36	-3.48e-002	0.24	174.73	59.84	388.99
452	552	0.22	-0.20	-0.26	154.44	79.14	150.39
	565	0.22	0.12	-0.28	139.45	116.67	157.83
	566	0.52	0.12	-0.35	135.30	154.75	224.80
	553	0.52	-0.20	-0.34	186.82	96.36	217.04
453	551	6.80e-002	-0.61	-0.24	138.93	39.22	87.33
	564	6.80e-002	-0.39	-0.29	142.10	61.50	87.71
	565	0.22	-0.39	-0.29	128.42	108.49	130.49
	552	0.22	-0.61	-0.24	157.40	70.09	129.86
454	550	6.26e-002	-1.07	-0.26	135.25	37.15	59.30
	563	6.26e-002	-0.85	-0.33	140.68	33.60	59.12
	564	6.80e-002	-0.85	-0.30	128.69	38.01	74.72
	551	6.80e-002	-1.07	-0.23	149.54	25.76	74.74
455	549	5.23e-002	-1.57	-0.32	124.30	-62.30	45.28
	562	5.23e-002	-1.34	-0.41	108.14	-55.25	52.87
	563	6.26e-002	-1.34	-0.37	132.41	40.43	61.21
	550	6.26e-002	-1.57	-0.28	134.56	44.20	52.59
456	548	0.11	-2.09	-0.31	92.08	-69.27	-41.31
	561	0.11	-1.85	-0.40	91.94	46.34	-35.86
	562	5.23e-002	-1.85	-0.42	116.29	32.30	44.73
	549	5.23e-002	-2.09	-0.33	100.83	48.24	39.25
457	547	5.74e-002	-2.60	-0.29	82.47	-123.24	-72.25
	560	5.74e-002	-2.36	-0.36	95.10	-110.53	-72.39
	561	0.11	-2.36	-0.37	84.21	-56.23	-49.49
	548	0.11	-2.60	-0.30	91.86	-80.51	-49.53
458	546	4.08e-002	-3.10	-0.34	84.89	-193.23	-81.85
	559	4.08e-002	-2.87	-0.41	93.87	-197.76	-82.28
	560	5.74e-002	-2.87	-0.37	83.37	-139.85	-79.56
	547	5.74e-002	-3.10	-0.30	93.37	-148.73	-79.17
459	545	5.96e-002	-3.64	-0.40	78.77	-233.04	-79.99
	558	5.96e-002	-3.41	-0.49	63.68	-234.23	-69.82
	559	4.08e-002	-3.41	-0.45	86.85	-210.77	-73.48
	546	4.08e-002	-3.64	-0.36	84.75	-206.43	-83.72
460	544	0.12	-4.22	-0.39	52.41	-247.78	-106.19
	557	0.12	-3.96	-0.49	49.43	-229.72	-95.79
	558	5.96e-002	-3.96	-0.50	71.92	-206.11	-74.20
	545	5.96e-002	-4.22	-0.41	57.50	-220.62	-84.29
461	543	6.92e-002	-4.80	-0.37	46.26	-308.52	-129.75
	556	6.92e-002	-4.52	-0.45	52.35	-302.83	-130.83
	557	0.12	-4.52	-0.47	43.42	-243.54	-114.36
	544	0.12	-4.80	-0.39	52.26	-261.83	-113.29
462	542	3.60e-002	-5.38	-0.41	50.29	-385.48	-126.49
	555	3.60e-002	-5.09	-0.49	51.59	-395.75	-127.90
	556	6.92e-002	-5.09	-0.46	42.89	-333.56	-133.35
	543	6.92e-002	-5.38	-0.38	55.63	-335.84	-131.93
463	338	4.89e-002	-6.00	-0.46	46.06	-437.25	-111.56
	290	4.89e-002	-5.70	-0.56	30.79	-444.71	-103.46
	555	3.60e-002	-5.70	-0.53	46.04	-411.79	-115.30
	542	3.60e-002	-6.00	-0.43	50.70	-401.79	-123.43
464	540	0.48	-6.74e-002	-0.25	194.43	23.82	225.37
	553	0.48	-3.48e-002	-0.25	188.10	109.46	247.68
	554	1.43	-3.48e-002	-8.18e-002	189.94	23.34	322.01
	541	1.43	-6.74e-002	-8.63e-002	259.57	23.53	299.54
465	539	0.18	-0.37	0.17	154.65	28.86	134.67
	552	0.18	-0.20	-0.14	158.54	61.42	149.22
	553	0.48	-0.20	-0.28	159.68	74.74	205.88
	540	0.48	-0.37	0.21	199.23	34.79	191.00
466	538	7.35e-002	-0.87	0.22	129.77	24.47	81.50
	551	7.35e-002	-0.61	0.12	145.12	29.49	87.85
	552	0.18	-0.61	0.12	143.85	55.42	123.93

	539	0.18	-0.87	0.21	153.89	28.63	117.01
467	537	5.09e-002	-1.34	0.21	115.70	-51.18	52.85
	550	5.09e-002	-1.07	-0.11	132.85	41.62	56.32
	551	7.35e-002	-1.07	0.11	132.84	23.69	73.91
	538	7.35e-002	-1.34	0.23	132.49	28.49	69.58
468	536	5.98e-002	-1.82	0.18	100.43	-78.23	38.63
	549	5.98e-002	-1.57	-0.15	106.79	-66.69	41.45
	550	5.09e-002	-1.57	-0.13	124.89	-47.41	51.73
	537	5.09e-002	-1.82	0.20	112.60	-55.89	45.88
469	535	9.01e-002	-2.32	0.19	78.51	-99.69	-47.45
	548	9.01e-002	-2.09	-0.15	89.57	-80.54	-41.35
	549	5.98e-002	-2.09	-0.16	106.17	-58.27	37.11
	536	5.98e-002	-2.32	0.18	88.07	-74.12	-37.53
470	534	6.63e-002	-2.82	0.21	68.85	-143.26	-72.87
	547	6.63e-002	-2.60	-0.14	86.97	-131.03	-71.07
	548	9.01e-002	-2.60	-0.15	83.23	-90.89	-53.55
	535	9.01e-002	-2.82	0.20	77.21	-108.57	-55.22
471	533	4.60e-002	-3.33	0.19	67.50	-196.14	-86.39
	546	4.60e-002	-3.10	-0.16	83.12	-193.87	-85.32
	547	6.63e-002	-3.10	-0.15	78.76	-152.54	-78.87
	534	6.63e-002	-3.33	0.21	74.31	-160.50	-79.95
472	532	6.75e-002	-3.88	0.17	62.24	-236.44	-93.58
	545	6.75e-002	-3.64	-0.20	64.32	-232.75	-86.84
	546	4.60e-002	-3.64	-0.19	77.95	-206.41	-84.11
	533	4.60e-002	-3.88	0.19	67.06	-207.03	-90.82
473	531	9.49e-002	-4.46	0.19	48.86	-266.69	-111.99
	544	9.49e-002	-4.22	-0.20	52.63	-254.87	-105.58
	545	6.75e-002	-4.22	-0.21	65.57	-227.99	-91.90
	532	6.75e-002	-4.46	0.18	52.59	-236.50	-98.23
474	530	7.27e-002	-5.05	0.21	45.12	-317.26	-127.67
	543	7.27e-002	-4.80	-0.19	53.22	-311.94	-128.04
	544	9.49e-002	-4.80	-0.20	48.51	-268.56	-117.33
	531	9.49e-002	-5.05	0.20	48.72	-278.83	-116.96
475	529	4.74e-002	-5.66	0.20	48.08	-378.06	-127.98
	542	4.74e-002	-5.38	-0.21	52.83	-382.09	-129.17
	543	7.27e-002	-5.38	-0.20	47.21	-336.10	-130.96
	530	7.27e-002	-5.66	0.21	50.81	-337.44	-129.77
476	335	5.34e-002	-6.30	0.19	47.24	-429.32	-120.85
	338	5.34e-002	-6.00	-0.23	41.33	-432.70	-117.11
	542	4.74e-002	-6.00	-0.22	49.17	-398.52	-123.18
	529	4.74e-002	-6.30	0.20	49.09	-392.94	-126.93
477	528	0.34	-0.35	0.36	210.00	-36.17	134.16
	540	0.34	-6.74e-002	0.18	216.67	-46.33	218.41
	541	2.04	-6.74e-002	-0.38	262.70	13.35	312.39
	365	2.04	-0.35	-0.26	404.62	-136.31	227.46
478	527	0.12	-0.76	0.38	129.77	31.08	107.25
	539	0.12	-0.37	0.30	152.46	21.85	132.66
	540	0.34	-0.37	0.32	179.00	22.73	175.36
	528	0.34	-0.76	0.41	179.29	-35.98	149.31
479	526	6.70e-002	-1.20	0.47	95.14	-45.31	69.76
	538	6.70e-002	-0.87	0.38	125.86	30.14	80.26
	539	0.12	-0.87	0.35	136.18	21.79	108.20
	527	0.12	-1.20	0.43	121.19	28.02	96.70
480	525	5.28e-002	-1.62	0.43	75.94	-71.34	46.11
	537	5.28e-002	-1.34	0.37	106.87	-58.49	50.64
	538	6.70e-002	-1.34	0.39	114.09	34.40	66.04
	526	6.70e-002	-1.62	0.45	92.90	-46.48	59.80
481	524	6.28e-002	-2.06	0.42	61.08	-97.60	-38.99
	536	6.28e-002	-1.82	0.35	85.51	-84.85	38.26
	537	5.28e-002	-1.82	0.36	99.02	-62.42	44.16

	525	5.28e-002	-2.06	0.42	72.30	-72.15	41.31
482	523	7.75e-002	-2.53	0.42	46.82	-124.31	-52.91
	535	7.75e-002	-2.32	0.36	71.00	-108.97	-47.95
	536	6.28e-002	-2.32	0.35	81.85	-83.75	-39.09
	524	6.28e-002	-2.53	0.41	54.57	-96.34	-41.81
483	522	6.71e-002	-3.02	0.44	40.15	-161.89	-74.52
	534	6.71e-002	-2.82	0.38	65.96	-150.49	-72.52
	535	7.75e-002	-2.82	0.37	65.68	-117.50	-58.76
	523	7.75e-002	-3.02	0.43	45.95	-129.74	-60.63
484	521	5.65e-002	-3.54	0.44	39.21	-204.79	-89.40
	533	5.65e-002	-3.33	0.38	61.75	-199.13	-88.45
	534	6.71e-002	-3.33	0.38	60.13	-165.48	-80.77
	522	6.71e-002	-3.54	0.44	43.09	-172.04	-81.71
485	520	6.68e-002	-4.09	0.44	37.90	-243.54	-99.99
	532	6.68e-002	-3.88	0.37	51.90	-238.26	-96.97
	533	5.65e-002	-3.88	0.37	58.06	-210.04	-91.83
	521	5.65e-002	-4.09	0.44	39.67	-212.69	-94.84
486	519	7.86e-002	-4.68	0.46	34.05	-279.41	-114.03
	531	7.86e-002	-4.46	0.38	45.97	-271.23	-111.65
	532	6.68e-002	-4.46	0.37	51.31	-242.25	-102.49
	520	6.68e-002	-4.68	0.45	34.72	-247.64	-104.86
487	518	6.80e-002	-5.29	0.48	34.76	-324.64	-125.10
	530	6.80e-002	-5.05	0.41	47.04	-319.91	-126.37
	531	7.86e-002	-5.05	0.39	43.37	-283.66	-119.52
	519	7.86e-002	-5.29	0.47	35.13	-288.91	-118.26
488	517	5.28e-002	-5.92	0.49	39.79	-375.98	-126.71
	529	5.28e-002	-5.66	0.41	48.48	-376.67	-128.94
	530	6.80e-002	-5.66	0.41	43.47	-338.43	-129.37
	518	6.80e-002	-5.92	0.49	39.17	-338.44	-127.13
489	291	4.78e-002	-6.58	0.50	44.36	-424.72	-122.48
	335	4.78e-002	-6.30	0.42	45.30	-426.49	-122.90
	529	5.28e-002	-6.30	0.41	46.34	-391.90	-126.76
	517	5.28e-002	-6.58	0.50	42.33	-387.97	-126.34
490	515	0.23	-1.02	0.71	129.37	-73.66	100.65
	528	0.23	-0.35	0.50	180.74	23.90	135.27
	365	0.57	-0.35	0.14	232.32	-170.28	103.32
	516	0.57	-1.02	0.30	188.53	-78.80	69.86
491	514	6.27e-002	-1.28	0.80	77.04	-51.77	85.65
	527	6.27e-002	-0.76	0.50	114.39	-38.22	106.26
	528	0.23	-0.76	0.56	164.99	-48.67	117.66
	515	0.23	-1.28	0.86	96.87	-48.90	96.61
492	513	4.17e-002	-1.54	0.89	44.58	-58.45	59.07
	526	4.17e-002	-1.20	0.58	80.38	-53.24	69.29
	527	6.27e-002	-1.20	0.55	103.78	-37.99	86.38
	514	6.27e-002	-1.54	0.85	60.66	-55.52	75.12
493	512	3.95e-002	-1.87	0.89	27.22	-79.61	42.01
	525	3.95e-002	-1.62	0.56	59.32	-77.83	45.63
	526	4.17e-002	-1.62	0.57	74.46	-56.06	56.51
	513	4.17e-002	-1.87	0.90	35.90	-74.76	51.01
494	511	4.52e-002	-2.25	0.91	18.63	-104.73	-40.64
	524	4.52e-002	-2.06	0.56	42.86	-103.37	-39.32
	525	3.95e-002	-2.06	0.55	57.08	-81.20	40.63
	512	3.95e-002	-2.25	0.91	21.51	-98.63	39.61
495	510	5.10e-002	-2.69	0.95	15.69	-132.18	-54.72
	523	5.10e-002	-2.53	0.57	33.01	-130.86	-51.97
	524	4.52e-002	-2.53	0.55	43.76	-106.27	-43.20
	511	4.52e-002	-2.69	0.94	16.15	-124.95	-45.08
496	509	4.63e-002	-3.17	0.99	15.02	-165.58	-73.26
	522	4.63e-002	-3.02	0.59	29.64	-167.20	-72.41
	523	5.10e-002	-3.02	0.57	34.22	-138.60	-61.56

	510	5.10e-002	-3.17	0.98	15.69	-157.20	-62.33
497	508	4.12e-002	-3.70	1.03	14.34	-202.44	-87.90
	521	4.12e-002	-3.54	0.60	28.32	-207.60	-88.12
	522	4.63e-002	-3.54	0.59	31.40	-178.41	-80.60
	509	4.63e-002	-3.70	1.02	14.84	-194.45	-80.39
498	507	4.50e-002	-4.26	1.07	14.78	-239.24	-99.12
	520	4.50e-002	-4.09	0.61	26.13	-245.22	-99.08
	521	4.12e-002	-4.09	0.60	31.62	-217.75	-93.48
	508	4.12e-002	-4.26	1.06	14.04	-231.53	-93.53
499	506	4.94e-002	-4.86	1.12	16.20	-275.78	-110.46
	519	4.94e-002	-4.68	0.64	26.29	-281.74	-111.08
	520	4.50e-002	-4.68	0.62	31.08	-253.32	-104.66
	507	4.50e-002	-4.86	1.10	13.65	-267.92	-104.05
500	505	4.45e-002	-5.48	1.16	20.73	-316.78	-118.84
	518	4.45e-002	-5.29	0.66	30.16	-325.76	-121.25
	519	4.94e-002	-5.29	0.65	30.89	-293.50	-116.94
	506	4.94e-002	-5.48	1.15	15.30	-308.17	-114.54
501	504	3.58e-002	-6.13	1.20	29.23	-362.08	-120.46
	517	3.58e-002	-5.92	0.68	35.53	-374.64	-123.65
	518	4.45e-002	-5.92	0.67	35.01	-340.55	-124.04
	505	4.45e-002	-6.13	1.19	21.27	-352.57	-120.85
502	330	3.17e-002	-6.81	1.24	40.00	-407.64	-116.42
	291	3.17e-002	-6.58	0.70	40.28	-421.86	-119.58
	517	3.58e-002	-6.58	0.69	41.76	-388.62	-123.17
	504	3.58e-002	-6.81	1.23	29.35	-398.08	-120.01
503	503	0.14	-1.89	0.55	45.76	-117.35	57.68
	515	0.14	-1.02	0.76	108.92	-82.68	84.74
	516	0.20	-1.02	0.51	164.45	-60.86	62.54
	361	0.20	-1.89	0.29	80.18	20.27	37.70
504	502	3.39e-002	-1.86	0.63	-41.42	-137.38	52.96
	514	3.39e-002	-1.28	0.94	67.06	-67.66	71.32
	515	0.14	-1.28	0.92	85.31	-47.86	78.26
	503	0.14	-1.86	0.60	37.11	17.44	59.02
505	501	2.69e-002	-1.89	0.67	-64.87	-153.89	41.39
	513	2.69e-002	-1.54	1.02	38.52	-73.60	49.49
	514	3.39e-002	-1.54	0.99	31.55	-57.18	58.09
	502	3.39e-002	-1.89	0.63	-27.46	14.14	48.02
506	500	2.69e-002	-2.08	0.70	-78.08	-175.58	38.85
	512	2.69e-002	-1.87	1.05	23.60	-93.90	39.39
	513	2.69e-002	-1.87	1.04	-20.90	-76.27	42.06
	501	2.69e-002	-2.08	0.68	-37.52	14.97	39.01
507	499	3.02e-002	-2.40	0.74	-84.39	-202.41	-48.54
	511	3.02e-002	-2.25	1.10	17.90	-118.71	-46.18
	512	2.69e-002	-2.25	1.07	-29.29	-99.46	-41.13
	500	2.69e-002	-2.40	0.71	-45.30	-33.38	-42.24
508	498	3.21e-002	-2.81	0.78	-85.28	-232.58	-65.48
	510	3.21e-002	-2.69	1.16	-16.71	-146.25	-63.82
	511	3.02e-002	-2.69	1.12	-36.77	-125.81	-54.17
	499	3.02e-002	-2.81	0.75	-48.40	-57.19	-55.53
509	497	2.89e-002	-3.30	0.82	-80.17	-267.36	-83.20
	509	2.89e-002	-3.17	1.22	15.70	-178.75	-83.57
	510	3.21e-002	-3.17	1.19	-40.77	-157.01	-73.72
	498	3.21e-002	-3.30	0.79	-44.42	-83.82	-73.32
510	496	2.58e-002	-3.83	0.86	-70.83	-304.28	-98.06
	508	2.58e-002	-3.70	1.27	15.97	-214.25	-99.48
	509	2.89e-002	-3.70	1.24	-39.20	-192.31	-91.91
	497	2.89e-002	-3.83	0.83	-35.87	-113.69	-90.49
511	495	2.72e-002	-4.41	0.90	-61.13	-343.36	-110.17
	507	2.72e-002	-4.26	1.32	18.21	-250.60	-111.51
	508	2.58e-002	-4.26	1.30	-34.70	-227.74	-105.55

	496	2.58e-002	-4.41	0.87	-26.46	-143.83	-104.22
512	494	2.89e-002	-5.01	0.94	-51.08	-383.16	-120.67
	506	2.89e-002	-4.86	1.38	23.78	-287.24	-122.60
	507	2.72e-002	-4.86	1.35	-29.71	-263.55	-117.07
	495	2.72e-002	-5.01	0.91	-18.97	-175.66	-115.14
513	493	2.62e-002	-5.66	0.98	-38.13	-424.94	-127.73
	505	2.62e-002	-5.48	1.44	33.47	-327.25	-131.09
	506	2.89e-002	-5.48	1.41	-24.02	-302.65	-127.61
	494	2.89e-002	-5.66	0.95	-17.10	-210.13	-124.26
514	492	2.22e-002	-6.33	1.01	-24.16	-470.00	-129.53
	504	2.22e-002	-6.13	1.49	45.47	-371.12	-133.51
	505	2.62e-002	-6.13	1.46	-16.64	-344.96	-133.59
	493	2.62e-002	-6.33	0.99	27.64	-246.50	-129.61
515	287	2.88e-002	-7.04	1.04	-15.22	-515.68	-126.57
	330	2.88e-002	-6.81	1.53	54.31	-415.98	-130.15
	504	2.22e-002	-6.81	1.51	13.15	-388.30	-132.99
	492	2.22e-002	-7.04	1.01	43.15	-285.37	-129.41
516	489	7.90e-002	0.47	0.81	23.93	-48.30	33.89
	503	7.90e-002	-1.89	0.56	37.70	-26.01	49.92
	361	0.10	-1.89	0.34	56.41	-80.48	37.93
	491	0.10	0.47	0.60	36.53	-39.55	25.98
517	487	0.11	0.78	0.92	-22.46	-39.73	35.40
	502	0.11	-1.86	0.64	-35.08	13.36	52.76
	503	7.90e-002	-1.86	0.60	33.62	-75.64	54.22
	489	7.90e-002	0.78	0.88	20.43	-35.13	35.42
518	485	0.11	1.18	1.10	-34.17	-34.38	34.65
	501	0.11	-1.89	0.74	-50.62	30.68	42.15
	502	0.11	-1.89	0.67	-42.80	-67.16	48.12
	487	0.11	1.18	1.03	-18.37	-29.04	36.64
519	483	0.11	1.66	1.27	-43.62	-31.43	-38.17
	500	0.11	-2.08	0.80	-60.41	42.95	37.91
	501	0.11	-2.08	0.75	-60.06	-67.19	39.29
	485	0.11	1.66	1.22	-25.25	-25.78	35.15
520	481	0.10	2.17	1.41	-47.80	-30.20	-47.92
	499	0.10	-2.40	0.87	-64.62	50.28	-45.06
	500	0.11	-2.40	0.82	-69.61	-70.43	-38.32
	483	0.11	2.17	1.36	-30.41	-24.48	-38.94
521	479	9.48e-002	2.72	1.55	-48.40	-28.90	-61.34
	498	9.48e-002	-2.81	0.92	-62.79	56.58	-59.27
	499	0.10	-2.81	0.88	-73.17	-75.37	-47.84
	481	0.10	2.72	1.51	-31.42	-24.04	-49.25
522	477	7.35e-002	3.31	1.66	-46.09	-26.82	-75.34
	497	7.35e-002	-3.30	0.98	-55.71	61.93	-74.98
	498	9.48e-002	-3.30	0.94	-70.79	-80.47	-62.81
	479	9.48e-002	3.31	1.61	-29.20	-23.10	-63.01
523	475	6.28e-002	3.93	1.75	-41.55	-24.38	-88.25
	496	6.28e-002	-3.83	1.02	-45.79	66.46	-88.97
	497	7.35e-002	-3.83	0.99	-63.28	-84.67	-78.00
	477	7.35e-002	3.93	1.73	-24.85	-21.11	-77.23
524	473	4.77e-002	4.59	1.84	-35.19	-22.33	-99.11
	495	4.77e-002	-4.41	1.08	-35.69	69.92	-100.14
	496	6.28e-002	-4.41	1.04	-53.35	-88.42	-91.14
	475	6.28e-002	4.59	1.80	-19.11	-18.87	-90.09
525	471	3.30e-002	5.27	1.92	-27.89	-20.12	-107.22
	494	3.30e-002	-5.01	1.12	-24.87	73.50	-108.88
	495	4.77e-002	-5.01	1.09	-43.14	-92.42	-102.04
	473	4.77e-002	5.27	1.90	-12.67	-16.89	-100.38
526	469	2.26e-002	5.99	2.02	-19.98	-17.22	-111.68
	493	2.26e-002	-5.66	1.17	-15.41	77.24	-114.41
	494	3.30e-002	-5.66	1.13	-31.75	-96.84	-110.46

	471	3.30e-002	5.99	1.98	-8.82	-14.72	-107.75
527	467	2.00e-002	6.73	2.09	-12.06	-13.96	-112.11
	492	2.00e-002	-6.33	1.21	19.11	80.71	-115.44
	493	2.26e-002	-6.33	1.19	-19.34	-100.58	-114.95
	469	2.26e-002	6.73	2.07	13.37	-11.87	-111.63
528	325	2.05e-002	7.50	2.16	-8.66	-10.39	-107.15
	287	2.05e-002	-7.04	1.25	33.19	81.58	-110.79
	492	2.00e-002	-7.04	1.23	-14.73	-103.49	-114.98
	467	2.00e-002	7.50	2.14	22.74	-9.38	-111.35
529	490	5.74e-002	2.51	5.46e-002	3.93	-38.94	29.09
	489	5.74e-002	0.47	0.63	15.18	-42.43	31.16
	491	2.68e-002	0.47	0.50	18.40	-39.05	26.30
	360	2.68e-002	2.51	-9.38e-002	3.78	-35.79	24.78
530	488	3.89e-002	3.23	-8.23e-003	2.86	-40.50	32.26
	487	3.89e-002	0.78	0.69	-14.41	-39.00	35.69
	489	5.74e-002	0.78	0.70	14.08	-37.07	33.42
	490	5.74e-002	3.23	-2.33e-002	-2.82	-38.82	29.91
531	486	0.10	4.16	5.21e-002	-2.94	-42.05	32.87
	485	0.10	1.18	0.86	-21.26	-37.12	34.68
	487	3.89e-002	1.18	0.81	-14.39	-31.41	35.15
	488	3.89e-002	4.16	1.85e-002	-4.11	-41.41	32.66
532	484	3.42e-002	5.29	-1.35e-002	-3.98	-43.10	-34.77
	483	3.42e-002	1.66	1.01	-26.46	-36.50	-35.15
	485	0.10	1.66	0.98	-21.22	-27.57	34.12
	486	0.10	5.29	-4.43e-002	-5.51	-43.46	33.08
533	482	0.11	6.65	5.84e-002	-4.63	-43.25	-41.07
	481	0.11	2.17	1.14	-28.62	-36.62	-41.27
	483	3.42e-002	2.17	1.10	-25.99	-25.44	-35.94
	484	3.42e-002	6.65	2.60e-002	-6.30	-44.78	-35.52
534	480	2.53e-002	8.17	-2.01e-002	-4.74	-41.85	-51.11
	479	2.53e-002	2.72	1.25	-28.28	-36.27	-51.86
	481	0.11	2.72	1.23	-27.67	-24.00	-43.35
	482	0.11	8.17	-4.37e-002	-6.48	-44.90	-42.63
535	478	8.40e-002	9.83	5.14e-002	-4.44	-38.64	-62.65
	477	8.40e-002	3.31	1.35	-26.02	-34.80	-64.03
	479	2.53e-002	3.31	1.32	-26.87	-21.97	-54.47
	480	2.53e-002	9.83	2.29e-002	-6.25	-43.21	-53.15
536	476	1.92e-002	11.62	-1.68e-002	-3.84	-34.20	-73.84
	475	1.92e-002	3.93	1.42	-22.33	-32.48	-75.77
	477	8.40e-002	3.93	1.41	-24.26	-19.18	-66.66
	478	8.40e-002	11.62	-2.68e-002	-5.69	-39.73	-64.78
537	474	2.89e-002	13.49	2.84e-002	-2.99	-29.23	-83.27
	473	2.89e-002	4.59	1.51	-17.66	-30.12	-85.66
	475	1.92e-002	4.59	1.48	-20.40	-16.33	-78.11
	476	1.92e-002	13.49	-8.75e-003	-4.84	-35.28	-75.75
538	472	1.88e-002	15.47	1.30e-002	-1.99	-23.75	-89.94
	471	1.88e-002	5.27	1.57	-12.42	-27.60	-92.70
	473	2.89e-002	5.27	1.56	-15.64	-13.64	-87.47
	474	2.89e-002	15.47	-9.02e-003	-3.77	-30.32	-84.73
539	470	-5.36e-002	17.52	1.14e-002	-1.28	-17.66	-93.25
	469	-5.36e-002	5.99	1.65	-7.43	-24.38	-96.30
	471	1.88e-002	5.99	1.62	-10.40	-10.84	-93.83
	472	1.88e-002	17.52	-3.61e-002	-2.62	-24.65	-90.79
540	468	1.34e-002	19.70	4.86e-002	1.73	-12.02	-92.78
	467	1.34e-002	6.73	1.71	-6.60	-20.50	-96.11
	469	-5.36e-002	6.73	1.69	-6.25	-8.41	-96.72
	470	-5.36e-002	19.70	3.29e-002	-1.53	-18.29	-93.40
541	286	-6.55e-002	21.96	-1.76e-002	3.57	10.28	-88.57
	325	-6.55e-002	7.50	1.76	11.01	-15.89	-91.83
	467	1.34e-002	7.50	1.76	8.17	8.14	-95.43

	468	1.34e-002	21.96	-2.03e-002	-1.30	-12.37	-92.18
542	453	3.27e-002	-0.47	0.70	5.86	34.34	41.86
	466	3.27e-002	-2.25	5.16e-002	-3.00	31.53	40.14
	359	-1.94e-002	-2.25	-0.11	-3.22	21.90	36.81
	454	-1.94e-002	-0.47	0.56	-10.15	21.75	38.26
543	452	-1.38e-002	-0.75	0.71	9.22	38.12	43.99
	465	-1.38e-002	-3.11	2.44e-002	-1.50	36.76	42.25
	466	3.27e-002	-3.11	3.70e-002	1.41	34.59	41.15
	453	3.27e-002	-0.75	0.75	5.49	31.47	42.88
544	451	4.56e-002	-1.08	0.85	14.99	30.38	41.78
	464	4.56e-002	-4.08	-1.38e-002	1.68	33.67	40.72
	465	-1.38e-002	-4.08	-5.25e-002	2.83	36.29	42.36
	452	-1.38e-002	-1.08	0.79	8.41	28.11	43.73
545	450	-2.61e-002	-1.46	0.94	17.06	28.57	38.77
	463	-2.61e-002	-5.21	4.80e-002	2.96	32.37	38.70
	464	4.56e-002	-5.21	2.56e-002	3.88	33.44	40.39
	451	4.56e-002	-1.46	0.92	14.08	23.24	40.68
546	449	6.45e-002	-1.88	1.08	16.08	30.74	-38.47
	462	6.45e-002	-6.50	-1.60e-002	2.89	33.33	-38.30
	463	-2.61e-002	-6.50	-4.89e-002	3.86	33.59	38.45
	450	-2.61e-002	-1.88	1.04	16.49	25.31	38.46
547	448	-1.58e-002	-2.35	1.17	15.68	30.38	-39.17
	461	-1.58e-002	-7.95	5.70e-002	2.17	32.69	-38.99
	462	6.45e-002	-7.95	3.26e-002	3.45	34.16	-38.31
	449	6.45e-002	-2.35	1.14	15.27	27.22	-38.41
548	447	4.76e-002	-2.85	1.26	15.51	30.83	-41.31
	460	4.76e-002	-9.54	-1.47e-002	2.42	33.19	-41.51
	461	-1.58e-002	-9.54	-3.11e-002	3.69	32.74	-39.25
	448	-1.58e-002	-2.85	1.24	13.72	29.24	-39.08
549	446	-1.12e-002	-3.40	1.34	12.81	34.84	-45.95
	459	-1.12e-002	-11.21	5.05e-002	2.44	37.15	-45.27
	460	4.76e-002	-11.21	2.19e-002	3.39	33.91	-41.93
	447	4.76e-002	-3.40	1.31	13.74	-35.78	-42.50
550	445	1.66e-002	-3.99	1.38	8.84	-37.75	-48.84
	458	1.66e-002	-13.01	7.48e-003	1.48	-42.91	-47.36
	459	-1.12e-002	-13.01	-8.36e-003	2.19	37.43	-45.66
	446	-1.12e-002	-3.99	1.38	11.55	-41.46	-47.05
551	444	1.07e-002	-4.62	1.41	7.68	-48.56	-47.71
	457	1.07e-002	-14.81	1.47e-002	0.96	-56.92	-47.44
	458	1.66e-002	-14.81	7.43e-003	1.43	-43.91	-47.64
	445	1.66e-002	-4.62	1.40	7.15	-48.23	-47.93
552	443	-7.70e-002	-5.30	1.40	11.82	-77.19	-47.94
	456	-7.70e-002	-16.63	2.90e-002	1.46	-81.77	-50.26
	457	1.07e-002	-16.63	3.83e-002	2.68	-62.30	-48.12
	444	1.07e-002	-5.30	1.41	5.22	-69.79	-45.95
553	442	-4.58e-002	-5.96	1.46	18.92	-100.68	-59.88
	455	-4.58e-002	-18.44	-1.40e-002	3.41	-93.48	-63.22
	456	-7.70e-002	-18.44	-3.41e-002	6.74	-88.63	-52.18
	443	-7.70e-002	-5.96	1.43	8.24	-105.07	-49.24
554	318	-0.11	-6.51	1.59	11.80	-63.87	-87.14
	285	-0.11	-20.44	7.06e-002	3.82	-58.62	-81.42
	455	-4.58e-002	-20.44	2.36e-002	8.53	-87.88	-65.29
	442	-4.58e-002	-6.51	1.54	17.40	-114.98	-70.90
555	441	-2.83e-002	1.43	0.46	19.37	14.98	51.01
	453	-2.83e-002	-0.47	0.83	8.08	36.77	40.72
	454	-2.53e-002	-0.47	0.67	-21.65	19.94	41.03
	358	-2.53e-002	1.43	0.30	15.71	49.68	52.63
556	440	-2.06e-002	1.78	0.52	29.07	-17.76	47.72
	452	-2.06e-002	-0.75	0.90	16.67	37.28	42.09
	453	-2.83e-002	-0.75	0.87	7.96	32.88	43.30

	441	-2.83e-002	1.78	0.49	28.51	72.92	49.35
557	439	-1.91e-002	2.04	0.62	28.78	-33.48	42.34
	451	-1.91e-002	-1.08	1.04	25.96	26.47	40.28
	452	-2.06e-002	-1.08	0.98	10.17	28.63	42.92
	440	-2.06e-002	2.04	0.55	33.56	60.62	45.84
558	438	-1.58e-002	2.35	0.66	33.31	-46.77	38.88
	450	-1.58e-002	-1.46	1.15	28.07	25.36	38.94
	451	-1.91e-002	-1.46	1.12	17.50	22.26	39.91
	439	-1.91e-002	2.35	0.63	33.01	46.19	41.41
559	437	-1.70e-002	2.84	0.73	36.03	-61.25	-39.85
	449	-1.70e-002	-1.88	1.30	29.80	27.80	-41.87
	450	-1.58e-002	-1.88	1.25	16.34	24.74	38.99
	438	-1.58e-002	2.84	0.67	40.14	52.12	38.35
560	436	-1.22e-002	3.41	0.81	35.56	-66.09	-41.60
	448	-1.22e-002	-2.35	1.43	28.91	27.56	-43.62
	449	-1.70e-002	-2.35	1.37	12.17	26.66	-41.76
	437	-1.70e-002	3.41	0.75	46.01	66.20	-40.09
561	435	-1.40e-002	3.91	0.87	27.60	-79.57	-45.87
	447	-1.40e-002	-2.85	1.53	29.88	30.51	-47.18
	448	-1.22e-002	-2.85	1.50	13.27	27.81	-43.47
	436	-1.22e-002	3.91	0.84	40.58	56.18	-42.32
562	434	-1.44e-002	4.47	0.92	26.30	-87.43	-51.91
	446	-1.44e-002	-3.40	1.62	25.63	-36.16	-53.77
	447	-1.40e-002	-3.40	1.59	14.29	-34.43	-48.13
	435	-1.40e-002	4.47	0.89	32.55	44.08	-46.48
563	433	-1.65e-002	5.14	0.97	25.83	-98.96	-57.15
	445	-1.65e-002	-3.99	1.70	21.13	-39.10	-59.15
	446	-1.44e-002	-3.99	1.67	8.20	-39.44	-54.32
	434	-1.44e-002	5.14	0.94	33.88	46.09	-52.45
564	432	-2.32e-002	5.73	1.06	19.50	-116.22	-56.75
	444	-2.32e-002	-4.62	1.76	17.75	-50.79	-57.58
	445	-1.65e-002	-4.62	1.71	5.27	-42.97	-57.98
	433	-1.65e-002	5.73	1.01	34.70	50.06	-57.16
565	431	-2.45e-002	6.12	1.11	12.04	-145.83	-57.57
	443	-2.45e-002	-5.30	1.77	15.70	-84.26	-55.78
	444	-2.32e-002	-5.30	1.76	6.86	-62.40	-56.06
	432	-2.32e-002	6.12	1.10	22.30	29.49	-57.89
566	430	-2.46e-002	6.32	1.04	-33.04	-202.69	-65.16
	442	-2.46e-002	-5.96	1.77	28.80	-113.63	-67.22
	443	-2.45e-002	-5.96	1.80	7.32	-102.82	-59.16
	431	-2.45e-002	6.32	1.07	13.58	-38.75	-57.35
567	284	-7.62e-002	7.00	0.77	25.91	-194.41	-88.27
	318	-7.62e-002	-6.51	1.74	38.38	-73.44	-101.61
	442	-2.46e-002	-6.51	1.86	16.27	-125.75	-78.01
	430	-2.46e-002	7.00	0.89	-28.44	-56.47	-65.46
568	427	-0.10	0.97	0.35	10.16	43.78	62.71
	441	-0.10	1.43	0.32	29.73	81.12	52.54
	358	-4.39e-002	1.43	0.32	18.83	-11.98	58.57
	429	-4.39e-002	0.97	0.34	-10.01	29.24	69.55
569	425	-0.15	1.39	0.62	7.26	62.62	46.59
	440	-0.15	1.78	0.55	45.54	110.15	45.00
	441	-0.10	1.78	0.35	20.64	-23.60	52.08
	427	-0.10	1.39	0.43	22.71	51.06	54.18
570	423	9.00e-003	1.80	0.77	6.08	83.29	41.48
	439	9.00e-003	2.04	0.48	43.55	136.03	41.46
	440	-0.15	2.04	0.54	18.90	29.55	43.42
	425	-0.15	1.80	0.84	28.82	69.68	43.47
571	421	7.12e-002	2.35	0.85	12.93	103.13	39.52
	438	7.12e-002	2.35	0.52	47.48	160.11	39.23
	439	9.00e-003	2.35	0.47	18.15	42.30	40.26

	423	9.00e-003	2.35	0.80	27.94	88.74	41.14
572	419	-6.23e-002	2.91	0.73	21.24	128.12	-39.10
	437	-6.23e-002	2.84	0.54	55.74	187.37	-41.11
	438	7.12e-002	2.84	0.55	26.73	60.72	39.38
	421	7.12e-002	2.91	0.74	34.63	104.06	38.74
573	417	-0.13	3.60	0.93	10.80	153.28	-47.77
	436	-0.13	3.41	0.72	58.75	221.82	-47.34
	437	-6.23e-002	3.41	0.57	27.38	84.49	-42.20
	419	-6.23e-002	3.60	0.79	45.98	137.36	-42.32
574	415	1.10e-002	4.27	1.08	5.60	190.85	-53.56
	435	1.10e-002	3.91	0.67	48.46	260.63	-51.82
	436	-0.13	3.91	0.71	19.66	105.80	-49.48
	417	-0.13	4.27	1.13	40.17	168.70	-51.07
575	413	-3.11e-002	5.04	1.13	6.95	222.81	-54.66
	434	-3.11e-002	4.47	0.67	46.81	297.24	-56.72
	435	1.10e-002	4.47	0.66	13.76	131.12	-55.05
	415	1.10e-002	5.04	1.11	32.36	200.67	-53.07
576	411	-0.10	5.86	1.14	8.16	257.48	-62.31
	433	-0.10	5.14	0.74	51.67	339.24	-65.19
	434	-3.11e-002	5.14	0.69	16.05	158.83	-59.47
	413	-3.11e-002	5.86	1.09	34.05	230.23	-56.75
577	409	-0.13	6.77	1.42	-12.43	287.22	-74.82
	432	-0.13	5.73	0.96	48.15	384.02	-72.38
	433	-0.10	5.73	0.78	14.40	183.49	-65.42
	411	-0.10	6.77	1.24	39.98	268.98	-67.77
578	407	-3.87e-002	7.65	1.51	-30.96	321.47	-83.20
	431	-3.87e-002	6.12	0.82	27.45	425.60	-76.21
	432	-0.13	6.12	0.95	-18.03	204.42	-72.50
	409	-0.13	7.65	1.64	31.03	302.35	-79.42
579	405	0.68	8.73	1.73	-48.93	350.25	-81.12
	430	0.68	6.32	1.10	17.43	434.80	-72.14
	431	-3.87e-002	6.32	0.86	-42.24	240.32	-77.11
	407	-3.87e-002	8.73	1.48	13.19	331.09	-86.17
580	305	0.34	8.72	0.15	-29.35	397.32	-55.74
	284	0.34	7.00	0.35	22.76	436.25	-63.58
	430	0.68	7.00	1.09	-59.00	320.02	-79.81
	405	0.68	8.72	0.81	-13.66	382.40	-71.24
581	428	-0.35	0.76	-8.58e-002	30.48	-19.62	78.77
	427	-0.35	0.97	0.14	12.59	36.58	64.53
	429	3.24e-002	0.97	0.27	-12.00	-28.43	82.69
	367	3.24e-002	0.76	-0.21	3.31	-25.68	97.99
582	426	0.11	-0.62	0.52	5.53	63.47	44.52
	425	0.11	1.39	0.45	11.96	52.60	49.95
	427	-0.35	1.39	0.21	15.49	50.33	62.87
	428	-0.35	-0.62	0.25	31.17	-21.75	55.36
583	424	5.70e-003	1.57	-0.14	2.42	82.84	44.44
	423	5.70e-003	1.80	0.55	8.91	77.34	44.61
	425	0.11	1.80	0.67	8.45	71.54	46.33
	426	0.11	1.57	-2.19e-002	4.35	62.17	46.15
584	422	-3.44e-002	2.36	-4.88e-002	7.38	101.70	43.79
	421	-3.44e-002	2.35	0.67	11.87	96.02	42.70
	423	5.70e-003	2.35	0.57	11.46	92.48	43.43
	424	5.70e-003	2.36	-0.14	1.65	85.44	44.57
585	420	-0.22	3.31	-6.89e-002	50.91	88.17	40.13
	419	-0.22	2.91	0.40	31.35	119.47	-37.30
	421	-3.44e-002	2.91	0.56	22.82	102.55	39.70
	422	-3.44e-002	3.31	0.20	8.42	109.71	49.47
586	418	9.35e-002	3.37	0.41	10.18	162.90	-54.46
	417	9.35e-002	3.60	0.68	21.12	140.62	-42.17
	419	-0.22	3.60	0.46	34.31	139.66	-37.35

	420	-0.22	3.37	0.17	49.00	93.89	-43.97
587	416	5.04e-003	4.71	-0.16	3.52	193.42	-46.60
	415	5.04e-003	4.27	0.77	10.81	183.83	-44.95
	417	9.35e-002	4.27	0.87	15.72	173.15	-45.87
	418	9.35e-002	4.71	-5.75e-002	5.53	164.92	-47.53
588	414	2.64e-002	5.76	-0.10	6.09	223.85	-44.37
	413	2.64e-002	5.04	0.87	9.64	214.62	-44.56
	415	5.04e-003	5.04	0.80	13.48	207.05	-45.74
	416	5.04e-003	5.76	-0.16	1.00	199.70	-45.54
589	412	-0.37	6.88	-0.18	32.85	232.24	-46.52
	411	-0.37	5.86	0.75	18.86	247.28	-54.00
	413	2.64e-002	5.86	0.84	18.09	233.50	-47.08
	414	2.64e-002	6.88	-0.14	4.34	233.49	-41.16
590	410	0.11	7.61	0.37	7.48	291.64	-75.63
	409	0.11	6.77	1.07	8.79	273.74	-63.91
	411	-0.37	6.77	0.84	22.63	274.87	-54.28
	412	-0.37	7.61	0.14	28.78	239.34	-65.21
591	408	1.17e-002	9.52	-0.25	1.09	319.16	-75.67
	407	1.17e-002	7.65	1.13	-8.31	311.49	-71.77
	409	0.11	7.65	1.29	7.31	309.18	-67.95
	410	0.11	9.52	-9.21e-002	1.35	295.77	-71.81
592	406	-0.33	11.18	-7.21e-002	-11.26	364.97	-77.72
	405	-0.33	8.73	1.30	-13.42	346.55	-72.89
	407	1.17e-002	8.73	1.11	-8.31	337.83	-73.42
	408	1.17e-002	11.18	-0.26	-3.17	322.16	-78.26
593	293	0.67	15.03	1.92	-36.41	514.59	-58.95
	305	0.67	8.72	0.35	-70.41	401.65	-38.62
	405	-0.33	8.72	0.39	-21.57	400.77	-63.43
	406	-0.33	15.03	1.95	-14.46	342.40	-87.28
594	390	-0.35	-0.42	-0.40	-8.83	-189.07	63.85
	404	-0.35	0.44	0.29	-45.34	-157.32	80.38
	366	0.16	0.44	0.64	-10.35	-167.26	80.36
	392	0.16	-0.42	0.10	13.46	-135.19	63.79
595	388	-5.87e-002	-0.33	-0.26	-7.25	-265.11	49.58
	403	-5.87e-002	1.30	0.27	2.24	-245.92	-39.61
	404	-0.35	1.30	-7.72e-002	-36.05	-209.68	55.12
	390	-0.35	-0.33	-0.48	-19.46	-229.17	69.94
596	386	4.80e-003	-0.48	-0.18	-13.42	-165.16	-37.70
	402	4.80e-003	1.25	5.31e-002	5.65	-158.62	-39.43
	403	-5.87e-002	1.25	0.10	-6.12	-223.14	-41.28
	388	-5.87e-002	-0.48	-0.15	10.70	-221.01	-39.26
597	384	0.14	1.09	-0.15	-27.66	-36.20	47.80
	401	0.14	1.05	0.14	-4.39	-42.95	53.78
	402	4.80e-003	1.05	6.07e-002	-7.74	-110.17	41.89
	386	4.80e-003	1.09	-0.20	-2.98	-92.14	-38.16
598	382	-0.22	1.65	-0.66	-27.23	-31.64	64.22
	400	-0.22	0.94	0.27	-66.37	56.24	80.35
	401	0.14	0.94	0.57	-17.55	-32.45	73.19
	384	0.14	1.65	-0.37	-26.54	58.49	57.70
599	380	-7.40e-002	2.05	-0.51	-16.30	-75.09	45.58
	399	-7.40e-002	2.13	0.33	-2.55	-62.82	-33.91
	400	-0.22	2.13	0.11	-51.98	-31.98	47.34
	382	-0.22	2.05	-0.72	-38.15	-49.78	68.57
600	378	4.12e-003	2.67	-0.40	-16.29	-51.95	-33.43
	398	4.12e-003	2.38	7.14e-002	5.06	-59.44	-34.06
	399	-7.40e-002	2.38	0.12	-7.97	-45.41	-35.59
	380	-7.40e-002	2.67	-0.35	5.36	-42.05	-34.68
601	376	0.15	3.50	-0.37	-26.14	189.75	40.95
	397	0.15	2.49	0.15	-2.65	183.64	45.31
	398	4.12e-003	2.49	8.41e-002	-7.86	104.12	-35.57

	378	4.12e-003	3.50	-0.42	-4.03	122.33	-33.55
602	374	-0.37	4.23	-0.85	-19.62	219.17	61.55
	396	-0.37	2.68	0.31	-44.74	250.24	71.11
	397	0.15	2.68	0.57	-14.04	206.69	59.68
	376	0.15	4.23	-0.60	-21.38	257.38	50.81
603	372	2.86e-002	4.82	-0.85	-16.46	157.35	47.62
	395	2.86e-002	4.20	0.16	-1.60	178.16	36.25
	396	-0.37	4.20	-5.02e-002	-31.95	197.09	50.27
	374	-0.37	4.82	-0.95	-29.54	186.74	64.70
604	370	8.31e-003	5.61	-0.74	-24.04	269.07	36.22
	394	8.31e-003	5.19	0.16	-1.07	278.04	39.43
	395	2.86e-002	5.19	0.12	-7.54	203.01	39.65
	372	2.86e-002	5.61	-0.79	-4.62	208.00	36.11
605	368	-8.66e-002	6.66	-0.85	-25.62	431.35	38.21
	393	-8.66e-002	5.96	9.49e-002	-32.29	464.36	45.07
	394	8.31e-003	5.96	0.20	-9.40	320.61	44.56
	370	8.31e-003	6.66	-0.74	-18.30	349.72	37.17
606	298	-0.28	7.03	-0.49	-148.57	547.66	-95.24
	292	-0.28	8.11	-0.86	-46.99	842.47	-64.91
	393	-8.66e-002	8.11	-0.85	-32.59	406.52	60.35
	368	-8.66e-002	7.03	-0.48	-42.41	563.55	32.94
607	391	-9.33e-002	-0.97	7.92e-002	89.65	-39.38	94.18
	390	-9.33e-002	-0.42	-0.25	-73.35	-163.28	101.07
	392	-0.14	-0.42	-0.24	27.92	-139.79	65.01
	363	-0.14	-0.97	9.39e-002	16.09	-270.99	59.06
608	389	7.26e-002	-1.54	-0.32	9.76	-154.67	55.60
	388	7.26e-002	-0.33	-0.52	-23.35	-271.67	58.19
	390	-9.33e-002	-0.33	-0.32	57.01	-250.48	99.81
	391	-9.33e-002	-1.54	-0.12	-61.17	-429.05	96.64
609	387	4.99e-003	-0.70	-0.53	5.42	-105.77	-42.08
	386	4.99e-003	-0.48	-0.46	-6.82	-157.37	-38.56
	388	7.26e-002	-0.48	-0.38	3.71	-236.45	48.39
	389	7.26e-002	-0.70	-0.45	-26.25	-311.49	53.58
610	385	-0.14	1.35	-0.42	33.55	85.64	59.11
	384	-0.14	1.09	-0.38	-27.18	-29.34	55.52
	386	4.99e-003	1.09	-0.48	-6.82	-95.59	-40.44
	387	4.99e-003	1.35	-0.52	5.48	-145.08	42.96
611	383	-5.66e-002	2.45	-0.27	72.72	222.88	101.30
	382	-5.66e-002	1.65	-0.58	-96.23	-40.72	106.12
	384	-0.14	1.65	-0.62	6.45	57.82	66.79
	385	-0.14	2.45	-0.31	-15.27	-93.12	62.48
612	381	8.72e-002	1.85	-0.46	-6.44	69.22	56.99
	380	8.72e-002	2.05	-0.81	-38.84	-81.62	57.18
	382	-5.66e-002	2.05	-0.64	46.35	-69.23	102.36
	383	-5.66e-002	1.85	-0.29	-87.58	-263.73	102.17
613	379	3.62e-003	2.77	-0.69	-5.55	114.08	38.91
	378	3.62e-003	2.67	-0.74	-12.50	-57.75	-34.28
	380	8.72e-002	2.67	-0.65	-5.31	-53.98	45.77
	381	8.72e-002	2.77	-0.59	-44.28	-136.65	53.72
614	377	-0.13	4.61	-0.56	32.02	292.33	55.20
	376	-0.13	3.50	-0.65	-25.17	209.20	49.50
	378	3.62e-003	3.50	-0.76	-9.22	117.77	35.81
	379	3.62e-003	4.61	-0.68	-9.23	-67.75	39.44
615	375	-0.10	5.73	-0.44	72.89	438.34	97.77
	374	-0.10	4.23	-0.87	-88.97	243.93	101.26
	376	-0.13	4.23	-0.89	10.25	257.53	61.17
	377	-0.13	5.73	-0.46	-16.37	121.70	58.05
616	373	-3.51e-002	5.10	-0.72	-9.83	296.20	55.60
	372	-3.51e-002	4.82	-1.22	-42.68	153.47	58.77
	374	-0.10	4.82	-0.98	51.41	163.87	100.21

	375	-0.10	5.10	-0.48	-87.81	-57.46	96.68
617	371	-3.51e-002	5.87	-0.85	-24.88	350.97	36.84
	370	-3.51e-002	5.61	-1.17	-36.33	276.49	36.48
	372	-3.51e-002	5.61	-1.16	-8.60	190.78	49.58
	373	-3.51e-002	5.87	-0.84	-58.87	92.76	50.56
618	369	0.31	7.35	-0.89	-28.82	500.32	37.23
	368	0.31	6.66	-1.19	-79.55	435.22	43.32
	370	-3.51e-002	6.66	-1.16	-29.98	347.72	40.43
	371	-3.51e-002	7.35	-0.87	-50.88	289.43	35.03
619	289	0.10	8.43	-0.38	-21.34	660.73	-29.47
	298	0.10	7.03	-0.40	-110.34	530.05	-31.13
	368	0.31	7.03	-0.82	-27.58	537.41	33.61
	369	0.31	8.43	-0.82	-99.50	384.30	32.63
620	353	1.39	0.63	-0.25	33.12	72.83	-32.78
	297	1.39	8.36	-1.44	-36.55	-25.70	-42.05
	289	6.61e-002	8.36	-0.51	-19.56	148.05	-37.81
	355	6.61e-002	0.63	0.78	-44.27	60.08	-29.95
621	351	-0.20	0.65	-2.16	69.76	94.40	-34.08
	295	-0.20	9.37	-1.05	59.78	-13.12	-46.97
	297	1.39	9.37	-1.33	72.63	197.51	-47.33
	353	1.39	0.65	-2.45	-15.61	101.82	-34.38
622	281	-0.92	-0.26	-2.94	27.15	-44.61	-32.01
	201	-0.92	10.38	-1.37	57.78	-69.63	-25.19
	295	-0.20	10.38	-0.98	131.90	147.99	-27.44
	351	-0.20	-0.26	-2.55	45.54	122.44	-38.92
623	354	-0.58	-7.45	-4.66	-4.64	78.25	-35.74
	353	-0.58	0.63	-0.56	16.71	80.08	-37.61
	355	0.26	0.63	2.19	-20.11	50.93	-34.90
	288	0.26	-7.45	-1.93	25.02	42.33	-32.97
624	352	-0.16	-13.69	0.73	-1.94	109.93	-32.45
	351	-0.16	0.65	-1.50	29.61	104.29	-38.29
	353	-0.58	0.65	-2.81	14.85	90.11	-39.97
	354	-0.58	-13.69	-0.58	5.63	90.48	-34.31
625	200	-0.22	-17.78	-0.49	7.89	37.61	-33.15
	281	-0.22	-0.26	-3.16	31.50	-39.29	-32.70
	351	-0.16	-0.26	-1.89	37.54	113.84	-37.58
	352	-0.16	-17.78	0.78	1.86	94.98	-37.85
626	347	0.53	2.70	-0.92	-16.55	34.08	-93.97
	350	0.53	10.44	-4.54	-4.93	21.49	-95.01
	283	-0.11	10.44	-1.86	-23.17	24.23	-98.17
	348	-0.11	2.70	1.78	-18.18	13.63	-97.36
627	346	7.93e-002	2.90	-1.78	-17.68	27.30	-82.51
	349	7.93e-002	17.11	0.74	-3.57	-9.82	-79.34
	350	0.53	17.11	-0.57	-4.82	26.12	-90.71
	347	0.53	2.90	-3.08	-13.57	21.01	-93.79
628	271	0.18	3.48	-3.15	-35.70	28.73	-72.54
	195	0.18	21.47	-0.41	-15.51	-14.06	-65.72
	349	7.93e-002	21.47	0.74	2.64	9.74	-76.71
	346	7.93e-002	3.48	-2.01	-29.09	-20.35	-83.76
629	345	-1.42	-5.19	-1.67	56.61	130.82	-70.23
	347	-1.42	2.70	-0.68	-35.89	47.10	-81.42
	348	1.08e-002	2.70	0.26	26.05	-5.83	-86.98
	282	1.08e-002	-5.19	-0.85	-49.11	-76.24	-75.77
630	344	0.10	-5.83	-1.16	45.38	159.99	-79.28
	346	0.10	2.90	-2.47	-69.89	43.91	-76.58
	347	-1.42	2.90	-2.83	28.60	10.29	-78.17
	345	-1.42	-5.83	-1.52	-45.33	-106.50	-80.85
631	194	0.98	-7.15	-1.20	-46.02	119.36	-62.90
	271	0.98	3.48	-2.85	-35.29	45.30	-66.25
	346	0.10	3.48	-2.70	-18.30	-33.06	-76.07

	344	0.10	-7.15	-1.05	-81.32	-99.22	-72.70
632	342	3.58e-002	-5.94	-1.45	28.96	-411.40	-84.42
	345	3.58e-002	-5.19	-1.01	-28.13	-556.07	-85.83
	282	2.26e-002	-5.19	-0.85	64.99	-218.77	-48.92
	343	2.26e-002	-5.94	-1.29	-67.91	-418.58	-47.86
633	341	1.12e-002	-6.47	-1.53	18.70	-529.59	-120.82
	344	1.12e-002	-5.83	-1.19	-30.52	-596.67	-111.22
	345	3.58e-002	-5.83	-1.11	23.60	-349.24	-88.20
	342	3.58e-002	-6.47	-1.45	-27.06	-449.51	-97.73
634	264	1.27e-002	-7.33	-1.48	-41.46	-680.49	-101.08
	194	1.27e-002	-7.15	-1.16	-69.17	-702.76	-84.56
	344	1.12e-002	-7.15	-1.22	-39.35	-566.63	-99.57
	341	1.12e-002	-7.33	-1.54	18.04	-573.07	-116.17
635	340	0.10	-6.30	-0.73	19.72	-451.40	-113.08
	342	0.10	-5.94	-1.18	18.21	-414.60	-102.64
	343	3.66e-002	-5.94	-1.20	25.16	-439.33	-86.26
	290	3.66e-002	-6.30	-0.76	22.84	-426.54	-96.58
636	339	1.88e-002	-6.88	-0.71	21.06	-529.94	-125.52
	341	1.88e-002	-6.47	-1.18	17.57	-522.01	-126.37
	342	0.10	-6.47	-1.18	23.70	-468.40	-119.63
	340	0.10	-6.88	-0.70	20.22	-470.36	-118.80
637	202	-0.11	-7.59	-0.64	17.23	-659.52	-107.46
	264	-0.11	-7.33	-1.15	-27.73	-669.69	-101.18
	341	1.88e-002	-7.33	-1.19	20.61	-571.90	-117.91
	339	1.88e-002	-7.59	-0.68	22.95	-564.58	-124.20
638	337	7.77e-002	-6.62	-0.44	30.86	-466.39	-117.47
	340	7.77e-002	-6.30	-0.55	22.08	-459.28	-109.91
	290	4.89e-002	-6.30	-0.57	34.98	-427.91	-101.75
	338	4.89e-002	-6.62	-0.46	31.90	-434.00	-109.27
639	336	2.67e-002	-7.22	-0.41	24.77	-529.59	-121.82
	339	2.67e-002	-6.88	-0.50	25.55	-529.03	-124.49
	340	7.77e-002	-6.88	-0.52	19.86	-474.64	-119.84
	337	7.77e-002	-7.22	-0.42	29.30	-481.70	-117.18
640	257	-0.20	-7.89	-0.36	35.74	-637.08	-103.73
	202	-0.20	-7.59	-0.44	18.78	-651.14	-102.94
	339	2.67e-002	-7.59	-0.47	20.47	-560.83	-117.89
	336	2.67e-002	-7.89	-0.39	36.71	-557.55	-118.66
641	334	4.93e-002	-6.93	0.21	41.75	-469.72	-120.13
	337	4.93e-002	-6.62	-0.23	34.44	-467.30	-117.26
	338	5.34e-002	-6.62	-0.24	41.65	-436.06	-115.79
	335	5.34e-002	-6.93	0.20	41.19	-436.03	-118.66
642	333	3.69e-002	-7.54	0.23	37.99	-525.83	-116.99
	336	3.69e-002	-7.22	-0.20	40.94	-527.74	-120.20
	337	4.93e-002	-7.22	-0.21	31.49	-483.92	-121.42
	334	4.93e-002	-7.54	0.22	41.17	-484.06	-118.20
643	253	-0.21	-8.20	0.24	55.67	-614.55	-95.53
	257	-0.21	-7.89	-0.18	38.54	-628.82	-97.74
	336	3.69e-002	-7.89	-0.19	35.89	-553.50	-113.96
	333	3.69e-002	-8.20	0.23	51.82	-548.86	-111.71
644	332	3.50e-002	-7.22	0.51	47.21	-468.19	-118.28
	334	3.50e-002	-6.93	0.42	44.60	-468.46	-119.78
	335	4.78e-002	-6.93	0.42	44.83	-436.49	-121.89
	291	4.78e-002	-7.22	0.51	43.47	-433.40	-120.38
645	331	3.95e-002	-7.84	0.53	47.52	-518.30	-110.09
	333	3.95e-002	-7.54	0.45	55.33	-522.45	-115.00
	334	3.50e-002	-7.54	0.43	42.43	-484.48	-120.68
	332	3.50e-002	-7.84	0.51	48.79	-479.70	-115.75
646	203	-0.20	-8.55	0.48	69.08	-591.23	-85.31
	253	-0.20	-8.20	0.42	55.32	-606.61	-88.65
	333	3.95e-002	-8.20	0.46	50.57	-543.78	-107.31

	331	3.95e-002	-8.55	0.52	62.48	-537.21	-103.91
647	329	2.41e-002	-7.48	1.26	50.45	-446.92	-110.79
	332	2.41e-002	-7.22	0.71	45.43	-465.26	-114.51
	291	3.17e-002	-7.22	0.71	48.08	-434.03	-118.58
	330	3.17e-002	-7.48	1.26	37.56	-446.53	-114.86
648	328	-3.34e-002	-8.13	1.27	53.72	-494.75	-101.52
	331	-3.34e-002	-7.84	0.73	60.44	-513.99	-106.30
	332	2.41e-002	-7.84	0.71	52.26	-479.70	-113.30
	329	2.41e-002	-8.13	1.25	48.61	-488.98	-108.51
649	246	-0.12	-8.88	1.19	79.62	-571.76	-75.96
	203	-0.12	-8.55	0.65	67.16	-584.11	-79.98
	331	-3.34e-002	-8.55	0.72	61.91	-531.87	-97.15
	328	-3.34e-002	-8.88	1.25	68.88	-525.89	-93.06
650	327	1.41e-002	-7.74	1.03	23.78	-566.44	-117.58
	329	1.41e-002	-7.48	1.57	72.22	-453.94	-125.67
	330	2.88e-002	-7.48	1.55	16.74	-436.59	-130.67
	287	2.88e-002	-7.74	1.02	57.84	-317.46	-122.57
651	326	-5.43e-002	-8.39	1.04	29.43	-599.86	-102.80
	328	-5.43e-002	-8.13	1.56	102.16	-498.51	-112.14
	329	1.41e-002	-8.13	1.56	30.18	-479.66	-124.85
	327	1.41e-002	-8.39	1.04	73.43	-360.59	-115.48
652	199	2.22e-002	-9.21	1.03	66.35	-627.24	-82.26
	246	2.22e-002	-8.88	1.47	78.97	-574.28	-80.27
	328	-5.43e-002	-8.88	1.53	59.42	-511.53	-99.01
	326	-5.43e-002	-9.21	1.10	93.70	-438.71	-101.04
653	323	2.07e-002	8.25	2.19	16.86	-7.58	-98.81
	327	2.07e-002	-7.74	1.27	44.92	82.15	-101.40
	287	2.05e-002	-7.74	1.25	27.13	-104.20	-109.04
	325	2.05e-002	8.25	2.17	30.74	-7.56	-106.47
654	321	2.06e-002	8.98	2.20	18.76	6.95	-89.26
	326	2.06e-002	-8.39	1.25	66.42	90.59	-91.53
	327	2.07e-002	-8.39	1.26	40.61	-104.80	-99.78
	323	2.07e-002	8.98	2.22	40.50	8.53	-97.51
655	239	1.52e-002	9.81	2.18	26.47	14.20	-62.31
	199	1.52e-002	-9.21	1.21	95.67	81.87	-68.92
	326	2.06e-002	-9.21	1.25	49.63	-98.43	-88.92
	321	2.06e-002	9.81	2.22	55.00	8.56	-82.12
656	324	5.26e-003	24.16	6.53e-002	4.78	14.73	-80.76
	323	5.26e-003	8.25	1.79	17.55	-10.85	-84.17
	325	-6.55e-002	8.25	1.77	13.54	10.17	-90.50
	286	-6.55e-002	24.16	4.34e-002	2.86	10.36	-87.08
657	322	5.59e-002	26.31	1.98e-002	3.19	24.25	-67.82
	321	5.59e-002	8.98	1.79	29.25	-8.25	-71.95
	323	5.26e-003	8.98	1.81	19.71	14.14	-83.07
	324	5.26e-003	26.31	4.19e-002	5.07	15.63	-78.88
658	198	-3.42e-002	28.85	-2.80e-002	9.10	28.31	-53.82
	239	-3.42e-002	9.81	1.84	23.35	9.74	-53.41
	321	5.59e-002	9.81	1.81	30.01	20.01	-65.23
	322	5.59e-002	28.85	-5.88e-002	3.57	21.34	-65.66
659	317	-1.68e-002	-6.98	1.70	-11.14	41.79	-95.09
	320	-1.68e-002	-22.61	1.66e-002	-3.26	33.64	-81.30
	285	-0.11	-22.61	8.03e-003	1.98	37.85	-81.59
	318	-0.11	-6.98	1.69	17.03	-45.43	-95.40
660	316	2.80e-002	-7.42	1.78	-24.80	89.54	-69.40
	319	2.80e-002	-24.77	3.49e-002	-6.02	57.83	-60.33
	320	-1.68e-002	-24.77	-8.11e-003	-7.77	46.64	-79.51
	317	-1.68e-002	-7.42	1.75	-8.87	54.79	-88.85
661	229	8.21e-002	-8.06	1.77	-12.99	36.63	-38.96
	197	8.21e-002	-27.43	7.53e-003	-5.64	33.03	-42.42
	319	2.80e-002	-27.43	2.47e-002	-7.41	55.46	-57.05

	316	2.80e-002	-8.06	1.79	-24.87	72.77	-52.54
662	307	-0.10	8.59	0.73	46.33	-48.20	-95.83
	317	-0.10	-6.98	1.90	12.00	47.09	-107.25
	318	-7.62e-002	-6.98	1.84	11.00	-48.96	-106.67
	284	-7.62e-002	8.59	0.67	27.10	54.61	-95.28
663	306	-8.94e-002	10.44	0.89	51.54	54.45	-90.08
	316	-8.94e-002	-7.42	2.03	-15.58	98.68	-83.66
	317	-0.10	-7.42	1.94	-20.07	65.99	-97.52
	307	-0.10	10.44	0.80	67.14	142.38	-104.03
664	196	0.11	11.54	1.24	-65.17	-30.45	-72.29
	229	0.11	-8.06	2.22	-20.41	33.81	-42.69
	316	-8.94e-002	-8.06	2.05	-41.70	97.68	-64.37
	306	-8.94e-002	11.54	1.08	49.20	157.99	-96.72
665	314	0.23	1.03	1.02	-147.63	390.27	-103.78
	304	0.23	6.99	1.86	-109.80	363.02	-83.19
	293	-0.77	7.35	3.40	-135.13	305.16	-48.90
	315	-0.77	1.03	2.58	-67.43	138.69	-38.53
666	313	0.46	2.64	0.46	-118.20	420.79	-136.51
	302	0.46	5.69	0.15	-155.33	464.30	-129.95
	304	0.23	5.69	0.65	-121.86	409.14	-95.29
	314	0.23	2.64	1.00	-134.98	395.30	-101.48
667	312	-3.15	0.98	-0.97	-75.73	219.09	-290.78
	205	-3.15	6.56	-3.07	-181.53	499.95	-293.09
	302	0.46	6.56	-1.78	-125.61	412.51	-140.61
	313	0.46	0.98	0.36	-135.50	515.45	-138.36
668	310	1.27	0.73	0.42	-141.36	396.61	-159.06
	314	1.27	1.03	0.91	-155.66	369.24	-83.75
	315	-3.80	1.03	0.35	-52.89	129.07	-100.89
	311	-3.80	0.73	-0.23	-70.55	128.16	-176.36
669	309	1.84	2.12	0.37	-151.70	412.08	-117.42
	313	1.84	2.64	0.76	-172.02	412.12	-116.27
	314	1.27	2.64	0.89	-156.83	391.44	-114.53
	310	1.27	2.12	0.50	-164.85	388.74	-115.67
670	308	-4.36	0.98	-5.82e-002	-45.53	186.77	-104.41
	312	-4.36	0.98	0.34	-73.73	181.52	-144.58
	313	1.84	0.98	0.66	-130.19	507.19	-139.25
	309	1.84	0.98	0.34	-117.44	496.02	-99.08
671	300	0.51	4.54	-1.32	-101.02	346.41	-140.09
	310	0.51	0.73	-0.49	-148.28	433.36	-138.09
	311	-2.81	0.73	-1.05	-91.59	154.03	-296.93
	292	-2.81	4.67	-1.68	-188.43	447.56	-282.25
672	299	0.49	4.71	0.43	-123.29	444.84	-96.18
	309	0.49	2.12	0.37	-97.55	418.59	-97.38
	310	0.51	2.12	-0.40	-110.60	393.14	-129.66
	300	0.51	4.71	-0.30	-116.50	419.26	-128.41
673	204	-1.69	6.60	3.44	-54.87	448.50	79.74
	308	-1.69	0.98	1.61	-38.42	226.45	-50.01
	309	0.49	0.98	0.35	-108.38	500.17	-100.86
	299	0.49	6.60	2.16	-65.30	435.63	-68.31
674	303	-0.44	8.89	0.24	-20.07	417.19	-69.35
	307	-0.44	8.59	0.51	61.17	450.13	-87.85
	284	0.34	8.59	0.26	22.84	382.59	-74.07
	305	0.34	8.89	-0.39	-30.06	394.38	-56.70
675	301	-0.64	8.61	0.52	-26.43	495.80	-111.33
	306	-0.64	10.44	0.38	73.08	538.86	-108.13
	307	-0.44	10.44	0.46	61.22	440.49	-89.92
	303	-0.44	8.61	0.60	-19.99	455.24	-93.22
676	222	0.12	10.36	1.97	-76.94	584.30	-145.44
	196	0.12	11.54	1.14	-38.51	612.71	-119.85
	306	-0.64	11.54	0.50	29.97	451.45	-109.02

	301	-0.64	10.36	1.33	-32.61	467.40	-134.44
677	304	-4.76e-002	6.95	1.72	-84.19	379.02	-79.56
	303	-4.76e-002	8.89	0.18	-27.56	392.58	-72.36
	305	0.67	8.89	0.11	-20.19	387.89	-43.39
	293	0.67	6.94	1.71	-96.71	335.12	-46.36
678	302	0.39	5.69	-8.59e-002	-66.58	479.33	-115.89
	301	0.39	8.61	0.16	-61.13	481.20	-109.95
	303	-4.76e-002	8.61	0.67	-34.94	447.28	-89.19
	304	-4.76e-002	5.69	0.52	-77.59	416.61	-94.84
679	205	0.71	6.56	-1.87	-131.23	554.59	-189.75
	222	0.71	10.36	0.96	-65.65	574.69	-181.12
	301	0.39	10.36	0.93	-46.32	453.28	-132.54
	302	0.39	6.56	-1.91	-117.73	421.57	-141.03
680	296	8.39e-002	7.33	-0.72	-30.09	379.15	-110.46
	300	8.39e-002	4.58	-1.47	-69.07	375.33	-153.65
	292	-0.28	4.52	-1.17	-143.70	485.54	-143.66
	298	-0.28	7.33	-0.41	-52.80	470.29	-114.61
681	294	0.49	7.54	-0.45	-49.05	485.71	-91.59
	299	0.49	4.71	0.24	-33.50	459.85	-93.28
	300	8.39e-002	4.71	-0.46	-59.59	425.49	-121.11
	296	8.39e-002	7.54	-1.12	-25.94	439.72	-119.42
682	212	1.34	9.82	-1.10	41.54	607.55	70.20
	204	1.34	6.60	2.03	-42.30	506.44	59.18
	299	0.49	6.60	1.98	-66.21	457.54	-64.45
	294	0.49	9.82	-1.15	-29.66	471.97	-53.26
683	297	-0.29	8.36	-0.84	34.42	542.84	-66.43
	296	-0.29	7.33	-0.75	-36.62	391.47	-100.09
	298	0.10	7.33	-0.35	-24.98	444.35	-56.12
	289	0.10	8.36	-0.40	-91.89	225.97	-30.87
684	295	-0.53	9.37	-0.80	69.33	596.00	-65.42
	294	-0.53	7.54	-1.05	51.00	513.35	-88.99
	296	-0.29	7.54	-1.15	-28.26	425.13	-92.89
	297	-0.29	9.37	-0.90	32.77	347.76	-69.38
685	201	0.32	10.38	-1.31	79.98	674.97	34.15
	212	0.32	9.82	-2.19	33.23	639.71	34.69
	294	-0.53	9.82	-1.76	-23.40	497.45	-45.84
	295	-0.53	10.38	-0.87	98.71	526.94	-45.75
687	279	9.13e-002	-0.59	-1.11	80.37	-106.80	35.57
	211	9.13e-002	11.01	-1.04	-54.96	-230.13	48.25
	201	-0.92	11.01	-1.34	80.56	61.31	25.69
	281	-0.92	-0.59	-1.40	-11.01	-67.81	-25.74
688	277	1.15	-1.05	-1.10	69.80	-91.73	43.37
	209	1.15	11.83	-0.97	-54.74	-190.32	46.91
	211	9.13e-002	11.83	-1.09	33.21	45.09	43.30
	279	9.13e-002	-1.05	-1.21	21.65	-84.55	39.91
689	275	-2.84	-1.31	-2.98	95.03	26.29	38.15
	207	-2.84	14.86	-2.15	96.95	-60.23	18.01
	209	1.15	14.86	-1.30	87.60	95.57	30.73
	277	1.15	-1.31	-2.14	18.79	15.12	54.52
690	183	-1.39	1.57	3.70	54.77	43.62	-11.20
	176	-1.39	16.33	1.08	182.41	64.86	9.92
	207	-2.84	16.33	-1.85	166.88	38.49	28.75
	275	-2.84	1.57	0.81	73.08	45.11	27.22
691	280	-0.57	-25.26	-1.30	25.49	-69.06	27.87
	279	-0.57	-0.59	0.49	32.61	-85.17	-21.20
	281	-0.22	-0.59	-1.62	39.90	-66.60	-27.46
	200	-0.22	-25.26	-3.35	4.83	-46.68	-29.91
692	278	-0.32	-19.59	-3.08	13.97	-50.94	32.37
	277	-0.32	-1.05	-1.43	27.84	-75.84	38.18
	279	-0.57	-1.05	0.42	27.67	-88.75	24.25

	280	-0.57	-19.59	-1.31	28.70	-81.54	19.68
693	276	1.30	-26.43	-0.13	17.97	32.38	51.22
	275	1.30	-1.31	-2.45	44.86	28.49	44.12
	277	-0.32	-1.31	-2.49	39.56	-21.04	38.43
	278	-0.32	-26.43	-0.17	5.82	20.58	45.42
694	175	-5.14	-36.85	-6.69	56.27	-123.29	31.16
	183	-5.14	1.57	2.33	114.21	-43.61	-14.99
	275	1.30	1.57	1.32	65.04	34.33	27.55
	276	1.30	-36.85	-7.70	14.48	55.83	64.71
695	270	0.70	3.97	0.56	-55.45	-19.93	-52.49
	274	0.70	28.92	-1.33	-20.50	-14.72	-49.98
	195	0.18	28.92	-3.34	-7.10	-16.80	-58.29
	271	0.18	3.97	-1.52	-54.23	16.13	-61.22
696	269	0.39	4.63	-1.44	-77.69	14.08	-26.07
	273	0.39	22.96	-2.96	-14.18	-37.69	-19.07
	274	0.70	22.96	-1.21	-32.56	-7.82	-47.26
	270	0.70	4.63	0.41	-47.91	10.68	-54.63
697	268	-1.32	5.21	-2.74	-105.34	-43.71	43.37
	272	-1.32	29.73	-0.19	-29.59	-84.79	55.52
	273	0.39	29.73	-6.62e-002	-17.75	-48.86	21.70
	269	0.39	5.21	-2.60	-86.33	-19.20	-19.34
698	181	5.68	2.13	2.24	-147.96	-54.68	28.26
	170	5.68	41.64	-7.62	-104.43	64.02	67.78
	272	-1.32	41.64	-8.57	-22.79	-111.98	82.92
	268	-1.32	2.13	1.29	-133.51	-53.30	42.51
699	267	3.75e-002	-8.04	-1.11	-43.10	170.44	-44.52
	270	3.75e-002	3.97	-1.14	-105.36	-10.93	-34.42
	271	0.98	3.97	-1.23	32.78	11.28	-50.60
	194	0.98	-8.04	-1.20	-141.02	-142.66	-61.57
700	266	-1.08	-8.33	-1.15	-54.35	159.68	-22.60
	269	-1.08	4.63	-1.26	-118.74	40.03	-23.55
	270	3.75e-002	4.63	-1.32	-61.46	-8.04	-39.73
	267	3.75e-002	-8.33	-1.21	-113.26	-103.43	-38.67
701	265	3.26	-10.55	-2.35	-203.46	81.76	16.46
	268	3.26	5.21	-3.27	-167.51	-28.47	33.47
	269	-1.08	5.21	-2.41	-70.00	-23.60	21.67
	266	-1.08	-10.55	-1.49	-187.31	-112.33	-25.74
702	169	1.72	-12.60	1.20	-298.95	-125.07	29.91
	181	1.72	2.13	3.93	-117.56	-66.31	29.60
	268	3.26	2.13	0.79	-141.23	-61.15	41.55
	265	3.26	-12.60	-2.00	-275.94	-17.14	41.74
703	263	-0.11	-8.06	-1.31	19.12	-723.80	-43.65
	267	-0.11	-8.04	-0.94	-105.86	-880.78	-48.00
	194	1.27e-002	-8.04	-1.05	-63.54	-638.25	-83.96
	264	1.27e-002	-8.06	-1.42	-57.48	-717.11	-79.30
704	262	-0.23	-8.77	-1.17	-69.93	-770.86	-70.64
	266	-0.23	-8.33	-1.04	-107.47	-847.56	-55.85
	267	-0.11	-8.33	-1.02	-57.36	-610.98	-38.90
	263	-0.11	-8.77	-1.15	-74.96	-713.63	-52.91
705	261	-0.33	-9.61	-0.49	-50.67	-998.01	-42.61
	265	-0.33	-10.55	-0.61	-228.89	-1175.12	-20.82
	266	-0.23	-10.55	-0.97	-104.65	-695.74	-49.10
	262	-0.23	-9.61	-0.83	-95.56	-829.65	-73.83
706	193	-0.31	-9.79	0.99	47.34	-958.44	131.56
	169	-0.31	-12.60	0.93	-294.33	-1180.54	122.77
	265	-0.33	-12.60	-0.17	-221.87	-978.78	25.32
	261	-0.33	-9.79	-0.21	-64.86	-1063.20	33.04
707	260	-0.17	-8.23	-0.58	18.91	-714.52	-83.42
	263	-0.17	-8.06	-1.08	-43.91	-712.02	-75.96
	264	-0.11	-8.06	-1.10	20.99	-700.42	-86.73

	202	-0.11	-8.23	-0.60	18.79	-675.32	-94.22
708	259	-0.40	-8.68	-0.31	20.43	-785.48	-85.84
	262	-0.40	-8.77	-0.73	-38.72	-761.47	-84.40
	263	-0.17	-8.77	-0.92	-44.33	-729.35	-77.28
	260	-0.17	-8.68	-0.49	17.37	-715.90	-78.73
709	258	-0.79	-8.99	-0.16	38.73	-899.78	-30.93
	261	-0.79	-9.61	-0.22	24.90	-944.82	-52.75
	262	-0.40	-9.61	-0.40	-58.58	-846.84	-91.90
	259	-0.40	-8.99	-0.22	33.56	-838.04	-69.12
710	177	-0.72	-8.94	0.27	87.89	-859.18	107.93
	193	-0.72	-9.79	0.44	-30.40	-902.21	105.36
	261	-0.79	-9.79	0.33	-31.07	-1025.65	17.51
	258	-0.79	-8.94	0.18	81.55	-941.98	19.56
711	256	-0.32	-8.42	-0.30	44.68	-693.23	-79.44
	260	-0.32	-8.23	-0.38	21.70	-706.84	-84.36
	202	-0.20	-8.23	-0.40	25.74	-669.27	-95.33
	257	-0.20	-8.42	-0.32	31.45	-657.48	-90.37
712	255	-0.67	-8.74	-0.18	60.95	-766.09	-57.89
	259	-0.67	-8.68	-0.20	39.67	-777.55	-70.89
	260	-0.32	-8.68	-0.30	20.67	-717.12	-83.39
	256	-0.32	-8.74	-0.27	49.42	-709.85	-70.28
713	254	-1.04	-8.90	-0.15	99.57	-830.44	-16.99
	258	-1.04	-8.99	0.14	84.38	-873.22	-22.79
	259	-0.67	-8.99	-0.14	34.95	-828.24	-62.63
	255	-0.67	-8.90	-0.16	83.43	-806.72	-38.56
714	190	-0.98	-8.82	0.16	128.30	-785.76	94.54
	177	-0.98	-8.94	0.17	64.80	-830.83	96.51
	258	-1.04	-8.94	0.17	79.96	-902.33	34.76
	254	-1.04	-8.82	0.16	118.36	-851.02	33.12
715	252	-0.39	-8.72	0.22	63.95	-667.52	-67.50
	256	-0.39	-8.42	-0.16	56.98	-685.68	-77.08
	257	-0.21	-8.42	-0.16	51.78	-651.43	-91.81
	253	-0.21	-8.72	0.22	52.34	-635.17	-82.07
716	251	-0.71	-9.03	0.18	88.68	-731.84	-32.91
	255	-0.71	-8.74	-0.14	82.42	-754.31	-47.02
	256	-0.39	-8.74	-0.14	52.00	-703.78	-71.88
	252	-0.39	-9.03	0.19	76.47	-687.31	-56.38
717	250	-1.02	-9.21	0.14	122.11	-781.45	35.55
	254	-1.02	-8.90	-0.14	115.91	-812.78	-19.60
	255	-0.71	-8.90	0.14	85.08	-790.59	-32.00
	251	-0.71	-9.21	0.14	102.55	-763.26	-20.13
718	189	-1.00	-9.16	-0.18	138.35	-749.35	79.05
	190	-1.00	-8.82	-0.15	107.00	-767.76	80.28
	254	-1.02	-8.82	0.14	122.49	-827.15	47.59
	250	-1.02	-9.16	-0.16	126.56	-794.32	46.55
719	249	-0.33	-9.12	0.43	72.90	-636.62	-55.28
	252	-0.33	-8.72	0.38	79.24	-660.26	-64.45
	253	-0.20	-8.72	0.40	70.51	-627.52	-82.18
	203	-0.20	-9.12	0.45	64.53	-608.97	-72.68
720	248	-0.62	-9.53	0.26	92.57	-693.11	-21.84
	251	-0.62	-9.03	0.25	97.56	-719.73	-27.28
	252	-0.33	-9.03	0.34	70.77	-676.10	-55.46
	249	-0.33	-9.53	0.36	87.21	-653.30	-44.67
721	247	-0.94	-9.87	0.14	118.72	-746.15	51.78
	250	-0.94	-9.21	0.14	119.94	-769.32	38.24
	251	-0.62	-9.21	0.19	102.76	-747.55	-19.21
	248	-0.62	-9.87	0.17	98.91	-718.02	-24.54
722	178	-1.00	-9.95	-0.25	127.45	-741.46	69.46
	189	-1.00	-9.16	-0.23	117.67	-743.74	69.66
	250	-0.94	-9.16	-0.18	133.42	-781.55	57.22

	247	-0.94	-9.95	-0.19	112.90	-763.75	57.13
723	245	-0.21	-9.53	1.08	74.97	-591.11	-50.76
	249	-0.21	-9.12	0.59	87.88	-630.96	-52.09
	203	-0.12	-9.12	0.62	83.90	-599.12	-71.70
	246	-0.12	-9.53	1.12	75.88	-595.69	-70.27
724	244	-0.36	-10.08	0.83	85.85	-650.69	-22.44
	248	-0.36	-9.53	0.39	93.36	-681.73	-21.64
	249	-0.21	-9.53	0.51	80.05	-640.45	-42.02
	245	-0.21	-10.08	0.95	85.57	-625.37	-38.54
725	243	-0.62	-10.81	0.31	98.00	-725.70	58.58
	247	-0.62	-9.87	0.13	103.88	-739.90	53.32
	248	-0.36	-9.87	0.27	99.30	-701.37	-27.57
	244	-0.36	-10.81	0.53	87.49	-672.43	32.00
726	188	-0.74	-11.23	-0.37	89.28	-744.76	58.09
	178	-0.74	-9.95	-0.31	96.49	-745.08	63.36
	247	-0.62	-9.95	0.17	122.30	-757.66	63.91
	243	-0.62	-11.23	0.24	80.02	-757.84	58.77
727	242	-0.16	-9.88	0.86	87.47	-691.50	-47.06
	245	-0.16	-9.53	1.40	114.28	-581.62	-66.38
	246	2.22e-002	-9.53	1.40	60.67	-589.03	-84.14
	199	2.22e-002	-9.88	0.86	100.15	-441.38	-63.92
728	241	-0.22	-10.55	0.77	76.69	-700.27	-26.42
	244	-0.22	-10.08	1.09	112.29	-647.48	-24.36
	245	-0.16	-10.08	1.27	75.12	-606.20	-45.56
	242	-0.16	-10.55	0.95	122.29	-513.58	-48.74
729	240	-0.34	-11.55	0.59	57.85	-726.39	46.52
	243	-0.34	-10.81	0.62	75.98	-723.77	61.58
	244	-0.22	-10.81	0.79	75.33	-647.60	-24.51
	241	-0.22	-11.55	0.77	102.75	-581.83	-23.60
730	174	-0.38	-13.47	-0.27	-36.38	-723.86	31.77
	188	-0.38	-11.23	-0.48	36.37	-754.24	51.52
	243	-0.34	-11.23	0.26	103.03	-758.61	62.24
	240	-0.34	-13.47	0.40	-30.25	-802.87	42.40
731	237	2.39e-002	10.53	2.06	43.31	17.22	-51.62
	242	2.39e-002	-9.88	1.09	83.43	71.37	-46.09
	199	1.52e-002	-9.88	1.11	95.43	-85.20	-57.31
	239	1.52e-002	10.53	2.07	38.72	13.27	-63.11
732	235	-2.06e-002	11.02	2.03	22.64	11.18	-38.26
	241	-2.06e-002	-10.55	1.08	88.07	79.82	-28.71
	242	2.39e-002	-10.55	1.10	72.45	-79.58	-39.40
	237	2.39e-002	11.02	2.05	59.54	24.16	-50.75
733	233	-0.11	11.80	1.83	-16.19	-18.66	-34.11
	240	-0.11	-11.55	0.81	43.30	53.82	-24.55
	241	-2.06e-002	-11.55	1.00	72.88	-72.89	-23.32
	235	-2.06e-002	11.80	2.03	31.36	19.96	-41.70
734	187	2.79	11.83	2.13	-21.80	-51.86	-23.15
	174	2.79	-13.47	0.46	-43.34	-53.99	28.77
	240	-0.11	-13.47	0.48	-30.66	-59.32	-21.63
	233	-0.11	11.83	2.15	18.72	-23.40	-33.75
735	238	0.15	31.11	5.80e-002	2.03	33.67	-45.82
	237	0.15	10.53	1.61	31.15	21.28	-46.33
	239	-3.42e-002	10.53	1.74	31.06	28.49	-50.16
	198	-3.42e-002	31.11	0.18	1.22	31.73	-49.61
736	236	-3.84e-002	32.74	7.64e-002	5.63	24.28	-38.79
	235	-3.84e-002	11.02	1.81	21.67	12.05	-36.86
	237	0.15	11.02	1.61	27.67	27.48	-42.57
	238	0.15	32.74	-0.13	3.68	32.39	-44.64
737	234	0.32	34.69	-0.28	4.65	9.19	-35.92
	233	0.32	11.80	1.26	17.10	-13.46	-34.46
	235	-3.84e-002	11.80	1.80	20.90	15.81	-36.49

	236	-3.84e-002	34.69	0.26	2.18	18.06	-37.93
738	173	-2.03e-002	36.97	0.70	-10.39	-40.46	-31.82
	187	-2.03e-002	11.83	3.06	10.61	-40.07	-28.26
	233	0.32	11.83	1.58	14.88	-25.91	-32.82
	234	0.32	36.97	-0.79	3.33	-17.70	-36.26
739	228	0.12	-8.68	1.67	-17.70	-55.01	-39.43
	232	0.12	-29.59	-4.62e-002	2.00	-56.50	-40.93
	197	8.21e-002	-29.59	2.36e-002	3.93	-39.15	-39.59
	229	8.21e-002	-8.68	1.73	-22.62	-45.08	-38.16
740	227	4.79e-002	-9.19	1.84	-18.59	-57.61	-41.49
	231	4.79e-002	-31.38	0.17	1.62	-64.90	-41.45
	232	0.12	-31.38	-1.46e-002	2.52	-61.75	-41.42
	228	0.12	-9.19	1.66	-17.90	-68.94	-41.43
741	226	-4.34e-002	-10.00	1.33	-17.43	-32.05	-36.25
	230	-4.34e-002	-33.37	-0.40	-4.19	-45.21	-37.23
	231	4.79e-002	-33.37	0.14	-2.64	-56.43	-41.62
	227	4.79e-002	-10.00	1.87	-16.09	-53.88	-41.03
742	186	1.77e-002	-10.14	3.09	10.03	-46.43	-29.31
	172	1.77e-002	-35.66	0.83	11.52	-46.28	-36.79
	230	-4.34e-002	-35.66	-0.67	1.36	-41.59	-38.59
	226	-4.34e-002	-10.14	1.59	-16.69	-35.65	-31.16
743	225	0.16	12.06	1.05	-115.60	-128.52	-53.56
	228	0.16	-8.68	2.04	-13.80	-64.93	-47.90
	229	0.11	-8.68	2.17	-19.69	-39.23	-45.38
	196	0.11	12.06	1.18	-99.10	58.78	-50.31
744	224	0.10	12.77	1.03	-86.78	-122.25	-31.75
	227	0.10	-9.19	2.04	-19.63	-59.55	-46.24
	228	0.16	-9.19	2.04	-30.73	-72.43	-53.24
	225	0.16	12.77	1.03	-104.98	37.91	-38.11
745	223	0.16	14.15	0.94	-27.40	-83.43	-21.36
	226	0.16	-10.00	1.99	-23.83	-24.43	-38.55
	227	0.10	-10.00	2.06	-35.22	-55.51	-49.70
	224	0.10	14.15	1.02	-62.79	36.87	-26.24
746	171	-2.58	15.64	0.79	24.73	-75.77	-19.06
	186	-2.58	-10.14	2.31	22.99	-42.54	-24.66
	226	0.16	-10.14	2.24	-32.93	-32.41	-36.30
	223	0.16	15.64	0.72	18.33	49.10	-21.62
747	220	0.68	11.95	1.40	-98.75	667.35	-72.01
	225	0.68	12.06	0.55	-142.11	719.30	-40.40
	196	0.12	12.06	1.03	-128.35	491.00	-98.60
	222	0.12	11.95	1.88	-46.26	674.79	-133.73
748	218	-3.59e-002	13.75	0.74	-62.99	634.90	-29.04
	224	-3.59e-002	12.77	0.67	-80.03	704.18	-27.53
	225	0.68	12.77	0.65	-151.44	527.90	-44.37
	220	0.68	13.75	0.72	-74.70	630.34	-25.38
749	216	-9.34e-002	14.66	0.74	-35.73	715.32	35.55
	223	-9.34e-002	14.15	0.60	-29.50	754.52	-24.93
	224	-3.59e-002	14.15	0.66	-81.39	584.28	-24.43
	218	-3.59e-002	14.66	0.80	-33.61	637.25	-28.83
750	185	0.77	15.48	0.87	-42.48	741.29	-23.25
	171	0.77	15.64	0.73	27.85	773.92	-22.06
	223	-9.34e-002	15.64	0.56	16.23	769.54	-25.91
	216	-9.34e-002	15.48	0.70	-44.13	768.60	-24.80
751	221	0.15	17.37	-1.98	-4.66	651.37	42.61
	220	0.15	11.95	0.87	-82.46	742.16	-41.64
	222	0.71	11.95	0.87	-211.09	707.01	-179.74
	205	0.71	17.37	-1.97	-27.08	1093.48	-111.56
752	219	3.18e-002	14.74	4.49e-002	-4.46	621.20	43.55
	218	3.18e-002	13.75	0.51	-34.89	626.39	34.51
	220	0.15	13.75	0.24	-39.49	656.42	27.35

	221	0.15	14.74	-0.30	-31.52	677.43	35.00
753	217	3.44e-002	14.97	-0.24	-3.87	695.48	30.77
	216	3.44e-002	14.66	0.39	-31.97	705.63	31.72
	218	3.18e-002	14.66	0.58	-24.02	650.62	39.80
	219	3.18e-002	14.97	-4.98e-002	-9.07	648.63	38.80
754	180	-0.56	15.36	-1.97e-002	-8.25	776.27	-19.44
	185	-0.56	15.48	0.56	-27.03	738.87	-18.91
	216	3.44e-002	15.48	0.35	-24.86	758.58	-22.76
	217	3.44e-002	15.36	-0.22	-12.36	710.68	-23.35
755	210	0.10	11.61	-0.65	29.26	804.04	45.56
	215	0.10	18.98	2.56	-7.66	747.37	45.71
	204	1.34	18.98	2.46	124.54	905.63	93.54
	212	1.34	11.61	-0.75	-118.63	736.44	97.54
756	208	3.38e-002	13.62	-0.17	19.12	804.80	-27.25
	214	3.38e-002	14.97	-8.45e-002	13.72	834.47	-31.60
	215	0.10	14.97	0.27	-10.69	779.57	-24.14
	210	0.10	13.62	0.42	29.31	763.07	24.81
757	206	0.12	14.42	-0.22	-18.64	1018.56	-38.38
	213	0.12	14.18	0.18	9.00	990.92	-29.04
	214	3.38e-002	14.18	3.26e-002	-7.22	916.88	-35.19
	208	3.38e-002	14.42	-0.18	32.41	896.29	-44.43
758	184	-0.46	14.73	-0.35	12.64	947.66	34.25
	179	-0.46	14.07	-0.17	-10.32	954.45	32.14
	213	0.12	14.07	0.16	-15.22	1042.88	-14.34
	206	0.12	14.73	-0.17	12.47	1100.33	-13.03
759	211	0.82	11.01	-0.42	36.27	873.01	42.05
	210	0.82	11.61	-1.10	-35.03	765.43	79.53
	212	0.32	11.61	-1.84	74.53	745.38	69.39
	201	0.32	11.01	-1.16	24.40	660.13	33.85
760	209	-6.54e-002	11.83	-0.71	26.86	842.39	19.39
	208	-6.54e-002	13.62	-0.36	29.05	801.77	-22.35
	210	0.82	13.62	-0.24	33.13	738.26	37.25
	211	0.82	11.83	-0.51	-38.21	640.55	49.64
761	207	-0.15	14.86	-0.45	131.48	1183.66	15.54
	206	-0.15	14.42	-0.27	11.65	1050.66	-28.03
	208	-6.54e-002	14.42	-0.43	46.15	872.44	-35.09
	209	-6.54e-002	14.86	-0.65	23.84	748.06	-20.21
762	176	0.61	16.33	-0.16	190.25	1189.32	70.72
	184	0.61	14.73	-0.23	-62.32	981.94	74.57
	206	-0.15	14.73	-0.33	29.87	1114.41	18.56
	207	-0.15	16.33	-0.19	116.61	990.87	15.58
763	149	-0.14	-8.90	1.76	22.91	-410.29	165.41
	38	-0.14	-9.50	1.77	-80.95	-456.48	115.57
	169	-0.31	-9.50	1.37	-136.77	-739.87	145.92
	193	-0.31	-8.90	1.36	-99.87	-823.13	195.78
764	54	-0.17	-8.55	0.56	41.30	-495.78	137.49
	149	-0.17	-8.90	1.06	-41.26	-432.80	147.43
	193	-0.72	-8.90	0.79	24.30	-805.34	152.42
	177	-0.72	-8.55	0.31	31.92	-748.40	142.49
765	157	-0.41	-8.55	0.35	81.58	-537.41	102.01
	54	-0.41	-8.55	0.35	18.93	-513.94	128.43
	177	-0.98	-8.55	0.20	87.75	-727.90	132.76
	190	-0.98	-8.55	0.20	86.07	-710.38	106.37
766	162	-0.54	-8.90	-0.18	98.35	-561.46	67.77
	157	-0.54	-8.55	0.19	66.67	-543.82	89.59
	190	-1.00	-8.55	0.16	119.67	-705.54	99.19
	189	-1.00	-8.90	-0.20	110.06	-701.08	77.38
767	55	-0.59	-9.66	-0.34	84.62	-588.03	35.76
	162	-0.59	-8.90	-0.33	91.69	-569.56	54.00
	189	-1.00	-8.90	-0.26	128.81	-704.01	74.40

	178	-1.00	-9.66	-0.27	102.84	-713.65	55.95
768	28	-0.43	-10.93	-0.96	40.68	-619.72	-13.07
	55	-0.43	-9.66	-0.53	90.25	-597.51	21.38
	178	-0.74	-9.66	-0.33	108.13	-726.67	52.20
	188	-0.74	-10.93	-0.75	56.05	-743.86	42.18
769	47	-0.20	-13.18	-1.33	-112.15	-778.66	-36.91
	28	-0.20	-10.93	-1.54	88.21	-649.13	-28.94
	188	-0.38	-10.93	-0.86	45.44	-756.21	34.46
	174	-0.38	-13.18	-0.65	-46.77	-699.19	26.86
770	141	1.23	7.45	-4.49	-18.63	-45.91	16.97
	47	1.23	-13.18	-1.54	-68.20	-160.27	18.68
	174	2.79	-13.18	0.74	-47.00	40.83	-16.90
	187	2.79	7.45	-2.24	-29.79	-60.02	-16.33
771	46	2.49	52.36	8.96	-12.73	113.90	-18.67
	141	2.49	7.45	-2.15	-34.20	-41.64	-17.39
	187	-2.03e-002	7.45	-1.30	-15.51	-65.82	-21.11
	173	-2.03e-002	52.36	9.81	4.83	-39.12	-31.47
772	130	-1.99	-6.00	-2.14	37.12	-57.32	-34.45
	45	-1.99	-50.91	8.64	14.75	-128.96	-33.17
	172	1.77e-002	-50.91	9.60	3.87	-44.53	-38.18
	186	1.77e-002	-6.00	-1.18	16.67	-63.94	-30.25
773	44	-1.05	14.67	-1.32	31.31	57.06	-18.42
	130	-1.05	-6.00	-4.34	25.75	-51.64	-26.44
	186	-2.58	-6.00	-1.97	33.92	-63.80	-21.16
	171	-2.58	14.67	1.07	31.60	-100.79	-16.97
774	122	0.29	14.20	-1.53	-83.23	688.06	-30.81
	44	0.29	14.67	-1.16	72.38	844.92	-39.76
	171	0.77	14.67	0.38	-54.86	671.11	-23.24
	185	0.77	14.20	0.17	15.87	799.87	-19.25
775	57	0.74	19.55	3.00	-20.37	859.74	38.55
	122	0.74	14.20	0.12	-104.77	686.37	49.92
	185	-0.56	14.20	-0.34	-22.73	807.86	-18.16
	180	-0.56	19.55	2.70	-28.77	685.18	-22.30
776	101	0.33	12.82	0.35	23.75	420.05	28.95
	56	0.33	17.91	-2.57	36.38	523.78	25.64
	179	-0.46	17.91	-2.48	15.17	760.06	47.01
	184	-0.46	12.82	0.44	20.52	836.88	50.65
777	49	0.13	12.38	1.61	62.54	484.11	53.27
	101	0.13	12.82	1.82	29.10	404.46	70.83
	184	0.61	12.82	0.72	80.80	834.51	103.36
	176	0.61	12.38	0.51	63.09	715.18	85.68
778	85	1.75	2.14	5.40	35.58	-49.49	18.49
	49	1.75	12.38	1.95	92.68	86.13	27.99
	176	-1.39	12.38	1.72	56.66	-195.06	14.03
	183	-1.39	2.14	5.16	120.54	-102.44	10.63
779	48	1.37	-8.33	-1.85	40.09	-43.42	-21.87
	85	1.37	2.14	4.45	53.73	-54.28	19.92
	183	-5.14	2.14	3.79	76.56	-83.65	14.70
	175	-5.14	-8.33	-2.51	90.93	-79.56	-28.16
780	93	2.70	0.15	-5.05	15.41	-24.40	-55.19
	48	2.70	-8.33	-4.78	29.39	-45.32	-21.79
	175	-11.97	-8.33	-6.98	122.02	-62.10	-69.45
	182	-11.97	0.15	-7.24	-18.68	7.78	-103.79
781	39	-2.20	10.44	-5.33	-73.36	45.28	-19.83
	93	-2.20	0.15	-5.04	-47.22	21.88	-59.01
	182	12.23	0.15	-7.84	-26.84	-11.54	-94.81
	170	12.23	10.44	-8.12	-185.09	26.83	-54.88
782	77	-1.16	1.27	4.68	-80.71	20.08	20.50
	39	-1.16	10.44	-2.44	-68.90	33.20	-23.83
	170	5.68	10.44	-3.25	-113.88	35.38	11.68

	181	5.68	1.27	3.87	-131.82	15.25	38.79
783	38	-1.81	-9.50	2.06	-137.42	-172.72	49.87
	77	-1.81	1.27	5.72	-32.57	-21.07	19.03
	181	1.72	1.27	5.56	-169.46	29.36	25.51
	169	1.72	-9.50	1.90	-133.62	177.11	56.92
784	17	0.13	-9.69	1.84	-23.45	285.13	-11.86
	144	0.13	-10.35	1.62	48.46	349.20	-8.01
	47	-0.20	-10.35	1.57	-30.13	375.65	-43.95
	28	-0.20	-9.69	1.79	52.04	484.82	-47.64
785	165	0.10	-9.01	0.62	-42.68	291.06	-9.58
	17	0.10	-9.69	1.19	-26.62	286.22	-8.81
	28	-0.43	-9.69	1.21	-42.99	495.09	-10.25
	55	-0.43	-9.01	0.64	-45.35	490.28	-11.11
786	161	0.10	-8.43	0.27	-50.98	281.03	22.68
	165	0.10	-9.01	0.33	-46.02	292.38	-10.45
	55	-0.59	-9.01	0.44	-72.60	481.80	24.99
	162	-0.59	-8.43	0.38	-72.90	469.04	40.17
787	156	-3.08e-002	-8.07	-0.36	-41.26	248.60	39.20
	161	-3.08e-002	-8.43	0.17	-45.87	272.03	24.87
	162	-0.54	-8.43	0.21	-69.81	460.45	57.56
	157	-0.54	-8.07	-0.30	-62.63	439.14	72.40
788	152	0.17	-7.88	-0.58	-22.33	195.18	45.06
	156	0.17	-8.07	-0.51	-22.54	231.57	37.80
	157	-0.41	-8.07	-0.49	-38.64	426.82	91.62
	54	-0.41	-7.88	-0.56	-28.35	390.88	99.04
789	148	0.19	-7.53	-1.33	-15.50	120.15	30.38
	152	0.19	-7.88	-0.82	16.13	168.55	41.15
	54	-0.17	-7.88	-0.77	21.77	375.10	114.48
	149	-0.17	-7.53	-1.28	29.39	335.21	103.64
790	76	0.15	-6.07	-1.19	-47.18	66.17	11.36
	148	0.15	-7.53	-1.51	33.03	92.34	29.91
	149	-0.14	-7.53	-1.98	65.54	304.49	121.41
	38	-0.14	-6.07	-1.66	27.49	220.08	102.61
791	140	-1.84	4.95	-5.27	20.25	-16.03	22.17
	144	-1.84	-10.35	-1.08	-53.71	-177.75	-5.32
	47	1.23	-10.35	-1.70	-40.00	132.07	-7.64
	141	1.23	4.95	-5.89	-49.22	-46.94	25.23
792	133	-1.21	5.72	10.64	-19.35	15.22	19.94
	140	-1.21	4.95	-2.08	-13.28	11.52	13.99
	141	2.49	4.95	-3.54	-19.14	-47.76	-18.00
	46	2.49	6.19	8.87	-21.90	17.60	-32.16
793	129	1.42	-3.84	-1.76	-23.02	38.26	-18.00
	133	1.42	-4.58	10.84	-22.22	20.53	18.11
	45	-1.99	-5.12	8.88	-30.96	26.57	-34.83
	130	-1.99	-3.84	-3.45	14.94	46.41	-41.08
794	125	1.90	11.76	-0.48	83.61	175.46	-22.90
	129	1.90	-3.84	-4.72	-41.88	60.00	-18.65
	130	-1.05	-3.84	-5.65	34.74	46.71	-23.41
	44	-1.05	11.76	-1.40	35.33	-97.09	-28.56
795	121	-0.86	11.51	-0.99	-20.57	248.41	-14.14
	125	-0.86	11.76	-0.73	126.31	410.20	-40.08
	44	0.29	11.76	-1.44	-35.38	288.50	-50.07
	122	0.29	11.51	-1.70	49.33	461.52	-24.12
796	117	-0.29	8.22	2.92	-46.72	201.59	20.48
	121	-0.29	11.51	8.42e-002	24.87	217.90	-9.13
	122	0.74	11.51	-0.22	31.92	471.10	56.09
	57	0.74	8.22	2.68	-98.86	427.58	69.47
797	113	-0.37	1.48	1.24	-75.89	240.22	32.33
	117	-0.37	8.22	3.04	-45.49	187.90	17.00
	57	-1.95	8.22	4.27	-114.23	369.00	163.88

	114	-1.95	1.48	2.46	-55.02	118.72	178.87
798	108	0.93	1.38	-0.24	-59.42	171.59	28.87
	113	0.93	1.48	0.59	-60.68	216.60	49.91
	114	-6.08	1.48	0.31	-45.09	80.35	87.32
	109	-6.08	1.38	-0.26	-12.44	75.41	65.26
799	104	-0.42	7.43	-2.58	-15.79	100.27	25.44
	108	-0.42	1.38	-0.85	-39.78	163.89	41.26
	109	-2.75	1.38	-2.04	-21.46	87.55	20.20
	56	-2.75	7.43	-3.77	39.37	203.01	19.89
800	100	-0.42	10.09	0.11	45.84	62.83	11.57
	104	-0.42	7.43	-2.57	22.69	98.92	18.18
	56	0.33	7.43	-2.25	-20.99	224.76	15.62
	101	0.33	10.09	0.42	90.07	263.97	9.88
801	88	-0.89	8.83	0.32	64.44	95.91	18.54
	100	-0.89	10.09	0.66	61.69	64.01	13.93
	101	0.13	10.09	1.90	84.50	253.86	49.11
	49	0.13	8.83	1.57	33.53	178.63	54.17
802	84	0.78	4.63	1.52	29.29	80.08	38.27
	88	0.78	8.83	0.18	84.87	127.39	22.29
	49	1.75	8.83	1.76	-31.43	-127.83	12.95
	85	1.75	4.63	3.11	57.70	-75.21	28.20
803	96	0.94	-0.69	-1.79	-27.08	34.63	11.46
	84	0.94	4.63	0.89	12.28	60.39	33.07
	85	1.37	4.63	2.16	35.94	-52.94	27.57
	48	1.37	-0.69	-0.52	29.66	-29.89	-15.01
804	92	0.58	0.68	-4.13	-26.75	25.54	-32.11
	96	0.58	-0.69	-2.25	-37.21	30.21	-12.60
	48	2.70	-0.69	-3.45	23.83	-26.59	-24.26
	93	2.70	0.68	-5.33	-24.89	28.49	-44.39
805	80	-0.29	2.33	-2.33	-21.86	41.87	-16.73
	92	-0.29	0.68	-4.09	-36.12	36.77	-30.26
	93	-2.20	0.68	-5.32	-34.63	22.27	-44.93
	39	-2.20	2.33	-3.56	-58.65	33.73	-31.03
806	75	-0.80	-2.36	1.35	-15.54	21.16	25.33
	80	-0.80	2.33	-1.73	-21.51	45.22	-13.83
	39	-1.16	2.33	-0.69	-75.10	38.94	-19.46
	77	-1.16	-2.36	2.41	-39.16	76.32	19.52
807	76	-0.85	-6.07	0.65	-27.19	-100.16	20.35
	75	-0.85	-2.36	2.19	-19.97	-15.43	22.60
	77	-1.81	-2.36	3.44	-90.58	104.02	19.37
	38	-1.81	-6.07	1.90	89.25	200.96	17.07

SFORZI "Dinamica SLVh X" (Fase 1)

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
206	230	-122.83	0.00	0.00	0.00	0.00	0.00
	234	122.83	0.00	0.00	0.00	0.00	0.00
207	232	-277.42	0.00	0.00	0.00	0.00	0.00
	238	277.42	0.00	0.00	0.00	0.00	0.00
208	319	-150.88	0.00	0.00	0.00	0.00	0.00
	322	150.88	0.00	0.00	0.00	0.00	0.00
209	285	188.36	0.00	0.00	0.00	0.00	0.00
	286	-188.36	0.00	0.00	0.00	0.00	0.00
210	456	271.50	0.00	0.00	0.00	0.00	0.00
	470	-271.50	0.00	0.00	0.00	0.00	0.00
211	458	145.80	0.00	0.00	0.00	0.00	0.00
	474	-145.80	0.00	0.00	0.00	0.00	0.00
212	460	-76.84	0.00	0.00	0.00	0.00	0.00

	478	76.84	0.00	0.00	0.00	0.00	0.00
213	462	-136.08	0.00	0.00	0.00	0.00	0.00
	482	136.08	0.00	0.00	0.00	0.00	0.00
214	464	-169.87	0.00	0.00	0.00	0.00	0.00
	486	169.87	0.00	0.00	0.00	0.00	0.00
215	12	-228.66	0.00	0.00	0.00	0.00	0.00
	16	228.66	0.00	0.00	0.00	0.00	0.00
216	466	-185.29	0.00	0.00	0.00	0.00	0.00
	490	185.29	0.00	0.00	0.00	0.00	0.00
371	137	-454.33	0.00	0.00	0.00	0.00	0.00
	135	454.33	0.00	0.00	0.00	0.00	0.00
11	681	-100.60	-8.63	-0.38	-0.35	14.65	-546.94
	63	100.60	8.63	0.38	0.35	18.26	223.10
12	66	-93.36	3.27	0.80	2.10	-38.76	-307.30
	681	93.36	-3.27	-0.80	-2.10	-24.49	549.28
13	681	85.71	8.50	-0.76	-0.45	24.48	539.11
	65	-85.71	-8.50	0.76	0.45	36.38	-235.22
14	64	79.17	-3.45	0.41	2.27	-21.81	284.91
	681	-79.17	3.45	-0.41	-2.27	-13.27	-541.14
15	679	-166.48	-159.73	-121.74	1.83e-015	11546.86	-11383.82
	627	166.48	159.73	121.74	-1.83e-015	-4447.01	-11147.32
16	20	-166.48	-349.20	-181.71	9.50e-013	22387.58	-30337.83
	679	166.48	349.20	181.71	-9.50e-013	-11546.86	11383.82
17	678	157.23	-185.70	-122.04	-1.17e-013	11670.66	-12796.94
	625	-157.23	185.70	122.04	1.17e-013	-4426.60	-10636.63
18	10	157.23	-398.02	-181.53	-9.51e-013	22535.99	-37166.63
	678	-157.23	398.02	181.53	9.51e-013	-11670.66	12796.94
19	627	-166.48	185.79	-74.12	0.00	4447.01	11147.32
	710	166.48	-185.79	74.12	0.00	0.00	0.00
20	625	157.23	177.28	-73.78	0.00	4426.60	10636.63
	60	-157.23	-177.28	73.78	0.00	0.00	0.00
21	138	-112.15	-81.42	-96.41	0.00	23138.40	-19539.92
	701	112.15	81.42	96.41	0.00	0.00	0.00
22	134	-280.12	-161.44	-98.42	0.00	23620.81	-38746.66
	698	280.12	161.44	98.42	0.00	0.00	0.00
23	624	16.85	-425.97	26.69	10.72	-1452.35	-23819.75
	623	-16.85	425.97	-26.69	-10.72	-1537.69	-23889.61
24	624	-75.07	-165.62	43.87	0.00	-4386.56	-16562.09
	703	75.07	165.62	-43.87	0.00	0.00	0.00
25	696	-489.50	-202.65	53.72	-1452.35	-10920.85	-20665.19
	624	489.50	202.65	-53.72	1452.35	4380.06	-7822.89
26	623	70.09	-162.87	-49.67	0.00	4966.80	-16287.33
	702	-70.09	162.87	49.67	0.00	0.00	0.00
27	697	485.30	-208.68	-54.43	-1537.69	11139.28	-21229.61
	623	-485.30	208.68	54.43	1537.69	-4959.66	-8092.64
28	166	30.25	-0.10	299.80	-1.68	347.03	-2.87
	110	-30.25	0.10	-299.80	1.68	-23979.80	-7.69
29	118	-21.37	-0.10	299.61	-1.68	-23958.54	-9.89
	166	21.37	0.10	-299.61	1.68	-347.03	2.87
30	158	25.09	-3.85e-004	325.08	-1.68	-279.95	-3.31e-002
	69	-25.09	3.85e-004	-325.08	1.68	-26000.51	-3.51e-002
31	74	-27.19	-3.85e-004	325.08	-1.68	-26003.37	-5.35e-002
	158	27.19	3.85e-004	-325.08	1.68	279.95	3.31e-002

32	153	32.54	1.68e-005	285.26	-1.69	289.42	-3.45e-004
	70	-32.54	-1.68e-005	-285.26	1.69	-22820.41	1.52e-003
33	81	-32.16	1.68e-005	285.49	-1.69	-22828.65	1.24e-003
	153	32.16	-1.68e-005	-285.49	1.69	-289.42	3.45e-004
34	145	38.67	-1.45e-004	197.33	-1.69	290.87	-3.59e-006
	73	-38.67	1.45e-004	-197.33	1.69	-15786.40	-1.16e-002
35	89	-38.56	-1.45e-004	197.71	-1.69	-15801.11	-1.16e-002
	145	38.56	1.45e-004	-197.71	1.69	-290.87	3.59e-006
36	136	48.42	-3.98e-002	116.07	-1.69	319.18	-4.19e-008
	97	-48.42	3.98e-002	-116.07	1.69	-9281.96	-3.18
37	105	-48.93	-3.98e-002	116.54	-1.69	-9298.49	-3.18
	136	48.93	3.98e-002	-116.54	1.69	-319.18	4.19e-008
38	118	-935.48	2.93e-002	-440.13	3.24	16159.97	2.97
	74	935.48	-2.93e-002	440.13	-3.24	13715.07	-1.03
39	579	-1230.99	-7.67e-002	-450.80	13.00	0.00	0.00
	118	1230.99	7.67e-002	450.80	-13.00	7894.65	-1.34
40	110	928.93	-2.93e-002	-438.79	3.21	16087.01	-2.97
	69	-928.93	2.93e-002	438.79	-3.21	13703.29	1.03
41	516	1224.92	7.67e-002	-457.62	10.59	0.00	0.00
	110	-1224.92	-7.67e-002	457.62	-10.59	8014.15	1.34
42	105	2.97	6.96e-002	-10.58	4.64e-016	185.30	1.22
	68	-2.97	-6.96e-002	10.58	-4.64e-016	8.31e-010	1.48e-011
43	89	-122.61	2.98e-002	-156.14	3.18	1985.86	1.55
	105	122.61	-2.98e-002	156.14	-3.18	9117.00	0.47
44	97	2.57	-6.96e-002	-10.58	1.35e-015	185.37	-1.22
	67	-2.57	6.96e-002	10.58	-1.35e-015	1.22e-009	7.76e-012
45	73	120.12	-2.98e-002	-155.62	3.18	1957.82	-1.55
	97	-120.12	2.98e-002	155.62	-3.18	9100.58	-0.47
46	81	-325.50	2.97e-002	-290.59	3.19	7493.28	2.10
	89	325.50	-2.97e-002	290.59	-3.19	14660.40	0.21
47	74	-612.75	2.97e-002	-384.05	3.19	12889.45	2.66
	81	612.75	-2.97e-002	384.05	-3.19	16198.08	-0.49
48	70	320.47	-2.97e-002	-290.40	3.19	7481.36	-2.10
	73	-320.47	2.97e-002	290.40	-3.19	14656.70	-0.21
49	69	606.33	-2.97e-002	-384.14	3.19	12891.05	-2.66
	70	-606.33	2.97e-002	384.14	-3.19	16200.81	0.49
50	63	-142.74	10.91	-0.14	-0.76	-6.44	-444.01
	700	142.74	-10.91	0.14	0.76	4.99	1186.99
51	698	91.36	22.97	0.10	2.71	-10.25	2653.26
	66	-91.36	-22.97	-0.10	-2.71	11.14	-1026.14
52	65	156.25	-9.34	-0.17	-0.72	-8.03	334.91
	701	-156.25	9.34	0.17	0.72	13.21	-949.68
53	699	-55.65	-20.32	-0.18	2.96	2.60	-2377.55
	64	55.65	20.32	0.18	-2.96	10.83	939.02
54	65	-120.01	9.11	-2.77	0.67	62.94	473.58
	710	120.01	-9.11	2.77	-0.67	87.00	-21.82
55	63	-69.12	-5.27	-0.54	0.18	29.58	-279.58
	65	69.12	5.27	0.54	-0.18	30.63	-337.26
56	58	-29.99	9.41	-2.01	0.77	61.29	-25.54
	63	29.99	-9.41	2.01	-0.77	47.18	484.85
57	66	-127.19	39.21	2.02	-2.58	47.72	2135.56
	60	127.19	-39.21	-2.02	2.58	-62.37	-23.21
58	64	-65.40	-55.63	0.43	2.96	-24.13	-3164.05

	66	65.40	55.63	-0.43	-2.96	-24.50	-3069.63
59	59	-32.79	42.27	-0.97	-2.50	-28.40	-18.30
	64	32.79	-42.27	0.97	2.50	23.94	2297.34
60	706	19.38	56.49	-3.31	-0.82	82.36	57.54
	66	-19.38	-56.49	3.31	0.82	73.41	2598.83
61	66	89.93	-20.51	0.62	-0.75	-35.70	-1776.58
	65	-89.93	20.51	-0.62	0.75	-32.94	585.82
62	65	41.06	-8.11	4.56	-0.65	-98.78	-384.80
	702	-41.06	8.11	-4.56	0.65	-115.65	-9.91
63	63	-38.65	7.01	3.77	-0.90	-79.73	334.75
	703	38.65	-7.01	-3.77	0.90	-97.33	13.01
64	64	-47.65	22.94	0.40	-0.73	-24.29	1948.99
	63	47.65	-22.94	-0.40	0.73	-20.30	-627.37
65	707	32.46	-59.00	-2.05	-1.05	51.61	-54.17
	64	-32.46	59.00	2.05	1.05	44.80	-2719.58
77	702	-132.81	40.46	-24.52	10.78	-768.38	1562.67
	701	132.81	-40.46	24.52	-10.78	1582.36	725.53
78	703	-26.21	-28.86	-13.20	1.44	680.64	-1704.82
	702	26.21	28.86	13.20	-1.44	839.04	-1562.18
79	700	107.78	47.33	-17.72	13.80	983.82	907.09
	703	-107.78	-47.33	17.72	-13.80	-618.93	1705.63
80	706	-43.19	302.96	20.28	-21.73	867.01	14356.85
	698	43.19	-302.96	-20.28	21.73	-1316.31	2034.15
81	707	-35.47	-256.24	15.55	36.36	-860.73	-14341.75
	706	35.47	256.24	-15.55	-36.36	-922.56	-14357.58
82	699	-32.38	298.93	-14.71	-18.26	-389.84	1823.84
	707	32.38	-298.93	14.71	18.26	817.68	14340.75
83	710	-109.76	-90.92	67.40	-9.70	-1972.39	-3698.24
	701	109.76	90.92	-67.40	9.70	-1594.84	634.69
84	60	-90.87	66.83	33.56	12.90	-2214.26	3656.83
	710	90.87	-66.83	-33.56	-12.90	1985.19	3698.07
85	698	-128.55	-70.09	-69.31	31.23	1325.99	-1761.71
	60	128.55	70.09	69.31	-31.23	2195.12	-3655.19
86	58	78.40	106.07	32.40	-12.28	-764.16	4229.30
	700	-78.40	-106.07	-32.40	12.28	-988.34	-793.58
87	59	67.74	-76.45	-12.47	-13.95	-955.94	-4183.24
	58	-67.74	76.45	12.47	13.95	755.90	-4228.85
88	699	60.22	68.99	-24.72	28.67	389.48	1577.00
	59	-60.22	-68.99	24.72	-28.67	939.05	4181.12
89	708	-179.20	-94.29	64.96	0.00	-15591.23	-22629.27
	59	179.20	94.29	-64.96	0.00	0.00	0.00
90	709	191.63	-63.54	64.37	0.00	-15448.85	-15250.31
	58	-191.63	63.54	-64.37	0.00	0.00	0.00
95	704	-613.83	-118.58	45.72	0.00	-10971.73	-28459.33
	707	613.83	118.58	-45.72	0.00	0.00	0.00
96	705	615.17	-118.70	-46.29	0.00	11108.91	-28487.87
	706	-615.17	118.70	46.29	0.00	0.00	0.00
101	142	245.66	-162.11	91.18	0.00	-21882.85	-38905.88
	699	-245.66	162.11	-91.18	0.00	0.00	0.00
102	131	137.29	-79.66	89.45	0.00	-21467.13	-19118.12
	700	-137.29	79.66	-89.45	0.00	0.00	0.00
217	280	829.02	-146.88	-39.70	-2.07	1734.38	-6363.05
	274	-829.02	146.88	39.70	2.07	1681.50	-6269.39

218	127	276.72	-195.26	65.10	6.74	-2553.26	-8419.59
	616	-276.72	195.26	-65.10	-6.74	-3063.15	-8373.27
219	404	-147.84	-665.59	48.42	2.22	1793.04	-29933.77
	428	147.84	665.59	-48.42	-2.22	-2959.44	-29969.53
224	62	-171.92	-226.18	-147.38	4.99	6445.50	-9700.91
	608	171.92	226.18	147.38	-4.99	6233.33	-9750.48
225	112	227.78	-213.65	77.95	7.55	-3439.72	-9187.77
	612	-227.78	213.65	-77.95	-7.55	-3288.26	-9186.31
226	400	-118.30	-654.19	52.05	-2.25	-1941.52	-29434.15
	420	118.30	654.19	-52.05	2.25	-2918.25	-29443.22
227	396	-82.42	-495.67	42.48	2.61	-1598.99	-22312.58
	412	82.42	495.67	-42.48	-2.61	-2288.56	-22297.74
686	288	159.28	-222.88	-133.19	-2.69	5786.26	-9672.73
	283	-159.28	222.88	133.19	2.69	5669.16	-9495.87
91	709	-506.06	76.31	36.97	4226.61	8504.06	1908.31
	40	506.06	-76.31	-36.97	-4226.61	-8876.90	1051.02
92	132	-1196.50	224.12	-172.42	4968.44	13204.37	6285.38
	709	1196.50	-224.12	172.42	-4968.44	-11161.45	-3948.75
93	708	187.79	-66.69	-75.75	1439.44	8021.56	-1610.18
	53	-187.79	66.69	75.75	-1439.44	-6458.28	-461.10
94	139	754.95	-193.56	-79.81	4051.50	10875.29	-5436.66
	708	-754.95	193.56	79.81	-4051.50	-10032.09	3475.07
97	705	-3442.77	-833.14	-128.80	4288.33	-13750.79	11577.11
	150	3442.77	833.14	128.80	-4288.33	15139.76	-20594.71
98	5	-1386.50	-148.04	-50.13	2020.06	-10178.28	1910.80
	705	1386.50	148.04	50.13	-2020.06	10952.01	-5346.27
99	704	2869.67	775.77	63.87	-2148.51	5124.86	-11130.27
	147	-2869.67	-775.77	-63.87	2148.51	-5755.23	19510.88
100	160	876.37	134.68	-46.43	1673.35	4159.13	-1559.55
	704	-876.37	-134.68	46.43	-1673.35	-4142.07	4702.44
103	697	-35.16	187.40	-5.86	287.46	73.54	791.45
	146	35.16	-187.40	5.86	-287.46	-50.78	333.49
104	25	511.77	128.46	-38.11	803.57	606.18	-411.82
	697	-511.77	-128.46	38.11	-803.57	-572.84	3417.05
105	696	34.03	-180.72	-7.49	507.45	96.04	-761.14
	143	-34.03	180.72	7.49	-507.45	-56.55	-323.78
106	33	-500.63	-125.21	-54.24	801.33	1474.67	459.90
	696	500.63	125.21	54.24	-801.33	-633.72	-3397.15
107	205	9.16e-006	-2.83e-009	-3.40e-010	5.98e-008	1.84e-008	1.94e-008
	222	-9.16e-006	2.83e-009	3.40e-010	-5.98e-008	-8.94e-009	-1.04e-007
108	212	-8.88e-006	-2.95e-009	6.97e-010	6.91e-008	-6.77e-009	-1.08e-007
	204	8.88e-006	2.95e-009	-6.97e-010	-6.91e-008	-2.66e-008	2.05e-008
109	312	1.74e-005	-8.27e-009	4.87e-010	8.68e-008	1.66e-008	-8.40e-008
	205	-1.74e-005	8.27e-009	-4.87e-010	-8.68e-008	-2.43e-008	-1.92e-007
110	308	1.09e-006	2.26e-009	3.44e-010	8.51e-008	1.61e-008	4.00e-008
	312	-1.09e-006	-2.26e-009	-3.44e-010	-8.51e-008	-2.11e-008	3.55e-008
111	204	-1.58e-005	-8.55e-009	5.84e-010	8.84e-008	-2.24e-008	-1.92e-007
	308	1.58e-005	8.55e-009	-5.84e-010	-8.84e-008	-2.30e-008	-9.37e-008
112	32	9.22e-006	1.44e-009	1.03e-009	-5.34e-008	-7.32e-008	-4.24e-008
	143	-9.22e-006	-1.44e-009	-1.03e-009	5.34e-008	7.22e-008	9.29e-008
113	30	1.12e-005	1.62e-009	-3.68e-010	-9.66e-008	-4.01e-008	2.12e-008
	32	-1.12e-005	-1.62e-009	3.68e-010	9.66e-008	5.01e-008	4.21e-008
114	364	2.33e-005	-6.60e-009	-2.23e-009	-1.75e-007	5.17e-008	-2.10e-007

	30	-2.33e-005	6.60e-009	2.23e-009	1.75e-007	5.66e-008	-3.58e-008
115	27	-9.31e-006	1.54e-009	-8.08e-010	-3.15e-008	4.90e-008	-4.31e-008
	146	9.31e-006	-1.54e-009	8.08e-010	3.15e-008	-7.26e-008	9.76e-008
116	26	-1.02e-005	1.33e-009	3.96e-010	-3.93e-008	2.05e-008	1.70e-008
	27	1.02e-005	-1.33e-009	-3.96e-010	3.93e-008	-3.16e-008	3.57e-008
117	365	-1.95e-005	-5.28e-009	2.37e-009	-7.97e-008	-7.14e-008	-1.73e-007
	26	1.95e-005	5.28e-009	-2.37e-009	7.97e-008	-3.41e-008	-2.53e-008
118	3	3.41e-005	-2.59e-008	1.12e-009	-2.75e-007	-3.75e-008	-1.46e-007
	150	-3.41e-005	2.59e-008	-1.12e-009	2.75e-007	-5.33e-008	-8.16e-007
119	168	1.07e-005	6.89e-010	5.80e-010	-1.25e-007	-2.54e-008	-1.03e-008
	3	-1.07e-005	-6.89e-010	-5.80e-010	1.25e-007	2.21e-008	3.08e-008
120	367	7.13e-006	9.46e-010	8.00e-011	-8.17e-008	-1.29e-008	4.32e-008
	168	-7.13e-006	-9.46e-010	-8.00e-011	8.17e-008	1.38e-008	-1.60e-008
121	428	6.06e-006	-4.96e-009	-3.26e-010	-5.51e-008	7.70e-009	-1.73e-007
	367	-6.06e-006	4.96e-009	3.26e-010	5.51e-008	1.14e-008	-5.88e-008
122	426	1.15e-005	-4.89e-009	1.99e-010	-6.49e-008	7.25e-009	-4.62e-008
	428	-1.15e-005	4.89e-009	-1.99e-010	6.49e-008	-8.02e-009	-1.83e-007
123	424	5.23e-006	1.13e-009	2.24e-011	-5.21e-008	-6.64e-009	2.47e-008
	426	-5.23e-006	-1.13e-009	-2.24e-011	5.21e-008	-6.42e-009	3.15e-008
124	422	6.86e-006	1.22e-009	-3.83e-011	4.59e-008	-6.33e-009	2.86e-008
	424	-6.86e-006	-1.22e-009	3.83e-011	-4.59e-008	6.85e-009	3.12e-008
125	420	-1.60e-005	-4.49e-009	-3.08e-010	4.07e-008	1.11e-008	-1.79e-007
	422	1.60e-005	4.49e-009	3.08e-010	-4.07e-008	7.77e-009	-3.15e-008
126	418	6.43e-006	-4.43e-009	2.35e-010	5.33e-008	-6.66e-009	-6.29e-008
	420	-6.43e-006	4.43e-009	-2.35e-010	-5.33e-008	-1.08e-008	-1.45e-007
127	416	-1.68e-005	1.49e-009	2.59e-011	4.74e-008	-6.09e-009	1.11e-008
	418	1.68e-005	-1.49e-009	-2.59e-011	-4.74e-008	6.09e-009	6.78e-008
128	414	-2.40e-005	1.48e-009	-2.52e-011	4.52e-008	-5.99e-009	1.17e-008
	416	2.40e-005	-1.48e-009	2.52e-011	-4.52e-008	6.40e-009	7.10e-008
129	412	-3.52e-005	-2.87e-009	-2.25e-010	4.37e-008	6.58e-009	-1.65e-007
	414	3.52e-005	2.87e-009	2.25e-010	-4.37e-008	8.04e-009	3.22e-008
130	410	-3.02e-005	-2.87e-009	2.29e-010	4.86e-008	-9.11e-009	-8.30e-008
	412	3.02e-005	2.87e-009	-2.29e-010	-4.86e-008	5.92e-009	-5.09e-008
131	408	-4.21e-005	1.77e-009	8.94e-011	4.55e-008	-1.24e-008	-3.87e-008
	410	4.21e-005	-1.77e-009	-8.94e-011	-4.55e-008	8.87e-009	1.19e-007
132	406	-5.06e-005	1.49e-009	-1.72e-010	4.80e-008	-1.09e-008	-5.81e-008
	408	5.06e-005	-1.49e-009	1.72e-010	-4.80e-008	1.64e-008	1.25e-007
133	293	-7.13e-005	-1.08e-008	-1.91e-009	6.53e-008	6.22e-008	-4.39e-007
	406	7.13e-005	1.08e-008	1.91e-009	-6.53e-008	2.80e-008	-6.41e-008
134	164	-3.22e-005	-2.55e-008	5.53e-010	1.30e-007	-4.63e-008	-1.59e-007
	147	3.22e-005	2.55e-008	-5.53e-010	-1.30e-007	5.03e-008	-7.88e-007
135	163	-1.01e-005	9.78e-010	3.68e-010	-1.02e-007	-2.63e-008	-9.73e-009
	164	1.01e-005	-9.78e-010	-3.68e-010	1.02e-007	3.18e-008	4.07e-008
136	366	-7.69e-006	8.32e-010	-8.36e-011	-1.05e-007	-1.94e-008	4.10e-008
	163	7.69e-006	-8.32e-010	8.36e-011	1.05e-007	2.18e-008	-1.69e-008
137	404	-5.34e-006	-4.92e-009	-1.87e-010	-1.09e-007	-1.22e-008	-1.70e-007
	366	5.34e-006	4.92e-009	1.87e-010	1.09e-007	1.74e-008	-5.99e-008
138	403	-1.32e-005	-5.09e-009	-2.05e-010	-1.22e-007	-1.48e-008	-4.88e-008
	404	1.32e-005	5.09e-009	2.05e-010	1.22e-007	1.22e-008	-1.89e-007
139	402	-5.81e-006	1.05e-009	-6.64e-011	-1.20e-007	-1.24e-008	2.35e-008
	403	5.81e-006	-1.05e-009	6.64e-011	1.20e-007	1.32e-008	2.89e-008
140	401	-5.83e-006	1.12e-009	-5.40e-011	-1.17e-007	-1.09e-008	2.68e-008
	402	5.83e-006	-1.12e-009	5.40e-011	1.17e-007	1.20e-008	2.87e-008

141	400	1.42e-005	-4.61e-009	2.10e-010	-1.11e-007	-6.19e-009	-1.82e-007
	401	-1.42e-005	4.61e-009	-2.10e-010	1.11e-007	1.24e-008	-3.37e-008
142	399	-5.39e-006	-4.52e-009	-2.05e-010	-1.19e-007	-1.28e-008	-6.47e-008
	400	5.39e-006	4.52e-009	2.05e-010	1.19e-007	6.31e-009	-1.47e-007
143	398	1.44e-005	1.38e-009	-3.30e-011	-1.13e-007	1.11e-008	1.08e-008
	399	-1.44e-005	-1.38e-009	3.30e-011	1.13e-007	1.12e-008	6.50e-008
144	397	2.12e-005	1.38e-009	-4.18e-011	-1.06e-007	1.03e-008	1.17e-008
	398	-2.12e-005	-1.38e-009	4.18e-011	1.06e-007	-1.12e-008	6.74e-008
145	396	3.21e-005	-2.96e-009	1.67e-010	-9.72e-008	5.73e-009	-1.66e-007
	397	-3.21e-005	2.96e-009	-1.67e-010	9.72e-008	-1.20e-008	2.83e-008
146	395	2.72e-005	-2.89e-009	-2.03e-010	-1.00e-007	1.53e-008	-8.29e-008
	396	-2.72e-005	2.89e-009	2.03e-010	1.00e-007	-6.95e-009	-5.21e-008
147	394	3.94e-005	1.74e-009	-7.10e-011	-9.08e-008	1.72e-008	-4.03e-008
	395	-3.94e-005	-1.74e-009	7.10e-011	9.08e-008	-1.53e-008	1.19e-007
148	393	4.82e-005	1.44e-009	2.21e-010	-8.47e-008	1.34e-008	-6.08e-008
	394	-4.82e-005	-1.44e-009	-2.21e-010	8.47e-008	-2.10e-008	1.26e-007
149	292	6.82e-005	-1.04e-008	1.32e-009	-1.02e-007	-4.10e-008	-4.28e-007
	393	-6.82e-005	1.04e-008	-1.32e-009	1.02e-007	-2.37e-008	-5.53e-008
150	221	3.76e-005	-1.74e-008	1.74e-009	-3.86e-008	1.65e-008	-1.17e-007
	205	-3.76e-005	1.74e-008	-1.74e-009	3.86e-008	-3.81e-008	-3.89e-007
151	219	1.79e-005	2.30e-009	1.75e-010	-3.00e-008	1.92e-008	6.47e-008
	221	-1.79e-005	-2.30e-009	-1.75e-010	3.00e-008	-1.37e-008	3.67e-008
152	217	7.59e-006	2.16e-009	1.42e-010	-3.16e-008	-1.43e-008	4.73e-008
	219	-7.59e-006	-2.16e-009	-1.42e-010	3.16e-008	-1.66e-008	4.78e-008
153	180	-4.52e-006	1.90e-009	2.09e-010	3.02e-008	-1.33e-008	1.57e-008
	217	4.52e-006	-1.90e-009	-2.09e-010	-3.02e-008	1.44e-008	6.89e-008
154	57	-2.09e-005	-4.36e-009	-5.46e-010	2.96e-008	1.95e-008	-1.88e-007
	180	2.09e-005	4.36e-009	5.46e-010	-2.96e-008	1.70e-008	-2.59e-008
155	215	-3.99e-005	-1.76e-008	1.93e-009	-4.14e-008	-3.05e-008	-1.13e-007
	204	3.99e-005	1.76e-008	-1.93e-009	4.14e-008	2.93e-008	-3.99e-007
156	214	-1.94e-005	2.42e-009	-2.82e-010	-3.78e-008	-3.92e-008	6.94e-008
	215	1.94e-005	-2.42e-009	2.82e-010	3.78e-008	2.77e-008	3.72e-008
157	213	-8.53e-006	2.28e-009	-1.07e-010	-3.88e-008	-4.05e-008	5.28e-008
	214	8.53e-006	-2.28e-009	1.07e-010	3.88e-008	4.16e-008	4.77e-008
158	179	4.44e-006	1.99e-009	-3.74e-010	-3.08e-008	2.69e-008	1.81e-008
	213	-4.44e-006	-1.99e-009	3.74e-010	3.08e-008	-4.11e-008	7.01e-008
159	56	2.22e-005	-4.51e-009	7.89e-010	2.77e-008	2.11e-008	-1.97e-007
	179	-2.22e-005	4.51e-009	-7.89e-010	-2.77e-008	-2.30e-008	-2.42e-008
160	42	9.61e-006	-9.28e-010	-8.23e-009	-3.34e-007	-6.74e-008	-9.18e-008
	132	-9.61e-006	9.28e-010	8.23e-009	3.34e-007	2.43e-007	7.43e-008
161	41	6.10e-006	-4.47e-010	7.29e-010	-1.97e-007	-3.01e-008	-6.60e-008
	42	-6.10e-006	4.47e-010	-7.29e-010	1.97e-007	1.95e-008	6.11e-008
162	357	7.12e-006	1.02e-010	4.05e-010	-1.50e-007	-2.77e-008	-5.36e-008
	41	-7.12e-006	-1.02e-010	-4.05e-010	1.50e-007	2.24e-008	5.53e-008
163	616	6.08e-006	5.13e-010	-1.66e-009	-1.26e-007	-6.05e-008	-2.46e-008
	357	-6.08e-006	-5.13e-010	1.66e-009	1.26e-007	2.73e-008	4.75e-008
164	615	8.45e-006	-2.13e-010	-1.49e-009	-1.28e-007	-2.30e-008	-1.98e-008
	616	-8.45e-006	2.13e-010	1.49e-009	1.28e-007	5.36e-008	1.82e-008
165	614	-8.02e-006	9.41e-011	2.91e-010	-1.12e-007	-1.18e-008	-1.18e-008
	615	8.02e-006	-9.41e-011	-2.91e-010	1.12e-007	-1.11e-008	1.56e-008
166	613	-8.15e-006	6.04e-011	2.74e-010	-1.06e-007	-1.24e-008	-8.92e-009
	614	8.15e-006	-6.04e-011	-2.74e-010	1.06e-007	-1.13e-008	1.12e-008
167	612	-7.27e-006	3.30e-010	1.88e-009	-1.08e-007	5.96e-008	-1.46e-008

	613	7.27e-006	-3.30e-010	-1.88e-009	1.08e-007	-2.99e-008	9.09e-009
168	611	-1.09e-005	-3.52e-010	-1.59e-009	-8.69e-008	1.60e-008	-7.09e-009
	612	1.09e-005	3.52e-010	1.59e-009	8.69e-008	6.06e-008	1.43e-008
169	610	-1.04e-005	3.99e-011	3.50e-010	-9.24e-008	-1.16e-008	-5.55e-009
	611	1.04e-005	-3.99e-011	-3.50e-010	9.24e-008	-1.11e-008	5.96e-009
170	609	-1.08e-005	4.85e-011	3.59e-010	-9.88e-008	-1.27e-008	-5.54e-009
	610	1.08e-005	-4.85e-011	-3.59e-010	9.88e-008	-1.15e-008	5.57e-009
171	608	-1.07e-005	-6.30e-010	-1.67e-009	-1.13e-007	5.47e-008	-2.65e-008
	609	1.07e-005	6.30e-010	1.67e-009	1.13e-007	-2.43e-008	6.19e-009
172	607	-1.41e-005	6.38e-010	-1.90e-009	-6.69e-008	-2.11e-008	-6.33e-009
	608	1.41e-005	-6.38e-010	1.90e-009	6.69e-008	6.88e-008	2.65e-008
173	606	-1.28e-005	3.15e-011	3.75e-010	-7.99e-008	-1.01e-008	-5.23e-009
	607	1.28e-005	-3.15e-011	-3.75e-010	7.99e-008	-9.84e-009	5.75e-009
174	605	-1.27e-005	-7.74e-011	3.95e-010	-8.84e-008	-1.07e-008	-7.36e-009
	606	1.27e-005	7.74e-011	-3.95e-010	8.84e-008	-9.51e-009	5.54e-009
175	283	-1.25e-005	-6.06e-010	1.58e-009	-1.01e-007	6.07e-008	-2.94e-008
	605	1.25e-005	6.06e-010	-1.58e-009	1.01e-007	-1.41e-008	5.32e-009
176	350	-1.45e-005	6.15e-010	2.08e-009	-5.63e-008	-2.73e-008	-7.07e-009
	283	1.45e-005	-6.15e-010	-2.08e-009	5.63e-008	-6.22e-008	3.09e-008
177	349	-1.35e-005	3.83e-011	5.88e-010	-6.32e-008	-1.04e-008	-1.13e-008
	350	1.35e-005	-3.83e-011	-5.88e-010	6.32e-008	-2.24e-008	1.13e-008
178	195	-1.38e-005	-8.36e-011	3.64e-010	-6.40e-008	-8.37e-009	-1.61e-008
	349	1.38e-005	8.36e-011	-3.64e-010	6.40e-008	-2.24e-008	1.17e-008
179	274	-1.47e-005	-3.66e-010	6.52e-009	-6.47e-008	-1.53e-007	-2.43e-008
	195	1.47e-005	3.66e-010	-6.52e-009	6.47e-008	-4.18e-008	1.65e-008
180	273	-1.58e-005	1.83e-010	-7.83e-010	-4.88e-008	2.42e-008	-1.68e-008
	274	1.58e-005	-1.83e-010	7.83e-010	4.88e-008	1.17e-008	2.23e-008
181	272	-1.99e-005	-1.05e-010	9.43e-010	-4.83e-008	-3.02e-008	-2.07e-008
	273	1.99e-005	1.05e-010	-9.43e-010	4.83e-008	-3.72e-008	1.74e-008
182	170	-2.83e-005	-1.09e-009	-3.84e-009	-4.98e-008	1.42e-007	-5.68e-008
	272	2.83e-005	1.09e-009	3.84e-009	4.98e-008	2.66e-008	1.67e-008
183	52	-8.42e-006	1.49e-009	-7.65e-009	-2.37e-007	-6.38e-008	-5.99e-008
	139	8.42e-006	-1.49e-009	7.65e-009	2.37e-007	2.23e-007	1.05e-007
184	50	-4.50e-006	1.25e-009	-5.73e-010	-1.51e-007	-8.50e-009	3.29e-008
	52	4.50e-006	-1.25e-009	5.73e-010	1.51e-007	2.05e-008	-3.36e-008
185	362	-5.20e-006	1.10e-010	-4.63e-010	-1.41e-007	-1.42e-008	2.22e-008
	50	5.20e-006	-1.10e-010	4.63e-010	1.41e-007	1.60e-008	-2.18e-008
186	127	-6.19e-006	-2.80e-010	-1.25e-009	-1.25e-007	4.67e-008	8.42e-009
	362	6.19e-006	2.80e-010	1.25e-009	1.25e-007	1.77e-008	-1.85e-008
187	124	-6.89e-006	2.47e-010	-1.42e-009	-1.31e-007	-1.60e-008	1.81e-008
	127	6.89e-006	-2.47e-010	1.42e-009	1.31e-007	5.43e-008	-9.51e-009
188	120	-6.52e-006	-1.56e-010	-5.26e-010	-1.28e-007	-1.49e-008	1.10e-008
	124	6.52e-006	1.56e-010	5.26e-010	1.28e-007	1.78e-008	-1.36e-008
189	116	-6.57e-006	-1.66e-010	-5.76e-010	-1.27e-007	-1.92e-008	1.46e-008
	120	6.57e-006	1.66e-010	5.76e-010	1.27e-007	1.44e-008	-1.13e-008
190	112	-7.63e-006	-3.17e-010	-1.23e-009	-1.27e-007	4.32e-008	-1.05e-008
	116	7.63e-006	3.17e-010	1.23e-009	1.27e-007	1.87e-008	2.04e-008
191	107	-7.08e-006	-3.80e-010	-1.34e-009	-1.04e-007	1.29e-008	-2.35e-008
	112	7.08e-006	3.80e-010	1.34e-009	1.04e-007	5.43e-008	9.92e-009
192	103	-8.97e-006	-2.09e-010	-8.09e-010	-1.12e-007	2.10e-008	-3.38e-008
	107	8.97e-006	2.09e-010	8.09e-010	1.12e-007	1.99e-008	2.47e-008
193	99	-1.06e-005	-1.69e-010	-8.50e-010	-1.17e-007	2.52e-008	-4.61e-008
	103	1.06e-005	1.69e-010	8.50e-010	1.17e-007	1.72e-008	3.89e-008

194	62	-1.38e-005	5.39e-010	-1.35e-009	-1.26e-007	4.90e-008	-3.31e-008
	99	1.38e-005	-5.39e-010	1.35e-009	1.26e-007	1.61e-008	5.60e-008
195	622	-1.18e-005	-8.10e-010	-1.17e-009	-7.65e-008	1.54e-008	-7.09e-008
	62	1.18e-005	8.10e-010	1.17e-009	7.65e-008	4.98e-008	3.44e-008
196	620	-1.36e-005	-3.80e-010	-8.31e-010	-9.37e-008	2.74e-008	-8.85e-008
	622	1.36e-005	3.80e-010	8.31e-010	9.37e-008	1.31e-008	7.11e-008
197	618	-1.45e-005	-2.42e-010	-7.61e-010	-1.05e-007	3.26e-008	-1.09e-007
	620	1.45e-005	2.42e-010	7.61e-010	1.05e-007	-7.39e-009	9.78e-008
198	288	-1.81e-005	8.40e-010	-1.68e-009	-1.11e-007	5.47e-008	-8.32e-008
	618	1.81e-005	-8.40e-010	1.68e-009	1.11e-007	-2.72e-008	1.21e-007
199	354	-1.67e-005	3.10e-010	2.19e-009	-5.62e-008	2.69e-008	-6.05e-008
	288	1.67e-005	-3.10e-010	-2.19e-009	5.62e-008	-6.71e-008	6.98e-008
200	352	-2.15e-005	8.21e-010	4.09e-010	-6.43e-008	-2.07e-008	-9.12e-009
	354	2.15e-005	-8.21e-010	-4.09e-010	6.43e-008	-1.53e-008	3.83e-008
201	200	-2.51e-005	5.17e-010	1.98e-010	-6.88e-008	-2.84e-008	4.20e-008
	352	2.51e-005	-5.17e-010	-1.98e-010	6.88e-008	2.87e-008	-1.41e-008
202	280	-2.77e-005	3.74e-010	-3.12e-009	-7.41e-008	6.26e-008	5.13e-008
	200	2.77e-005	-3.74e-010	3.12e-009	7.41e-008	6.76e-008	-4.50e-008
203	278	-2.74e-005	-4.93e-010	-1.15e-009	-5.92e-008	-4.26e-008	2.42e-008
	280	2.74e-005	4.93e-010	1.15e-009	5.92e-008	1.46e-008	-4.45e-008
204	276	-3.38e-005	-5.47e-010	-1.79e-009	-5.80e-008	1.18e-008	-1.00e-008
	278	3.38e-005	5.47e-010	1.79e-009	5.80e-008	7.76e-008	-1.71e-008
205	175	-4.56e-005	-1.01e-009	5.68e-009	-7.08e-008	-2.23e-007	-5.24e-008
	276	4.56e-005	1.01e-009	-5.68e-009	7.08e-008	2.73e-008	1.63e-008
220	14	27372.99	1533.99	1134.72	0.00	-11347.18	15339.92
	192	-27372.99	-1533.99	-1134.72	0.00	0.00	0.00
221	11	-29616.56	1826.35	-1190.45	0.00	11904.54	18263.46
	191	29616.56	-1826.35	1190.45	0.00	0.00	0.00
222	4	22563.34	2407.37	1039.88	0.00	-10398.80	24073.71
	695	-22563.34	-2407.37	-1039.88	0.00	0.00	0.00
223	1	-20247.09	2843.43	1309.32	0.00	-13093.16	28434.30
	694	20247.09	-2843.43	-1309.32	0.00	0.00	0.00
228	20	-391.54	-112.50	103.62	1812.49	-2721.48	2083.26
	138	391.54	112.50	-103.62	-1812.49	-2389.70	-3286.15
229	137	-415.64	-43.42	-56.17	-814.92	93.31	479.66
	20	415.64	43.42	56.17	814.92	2649.07	-1674.87
230	10	-208.63	-51.62	45.91	1190.96	-2022.46	-1606.55
	135	208.63	51.62	-45.91	-1190.96	-316.99	-874.64
231	134	242.01	-122.59	-189.86	-1582.51	8054.83	-3224.03
	10	-242.01	122.59	189.86	1582.51	1972.78	-2586.01
232	131	663.33	160.78	-23.13	2305.51	-8193.30	-3879.46
	40	-663.33	-160.78	23.13	-2305.51	8412.16	1515.47
233	53	474.97	-192.25	-27.58	3115.56	4789.00	-638.27
	142	-474.97	192.25	27.58	-3115.56	-4998.88	-4261.49
234	33	554.87	152.91	-50.04	1322.09	-2079.54	680.95
	131	-554.87	-152.91	50.04	-1322.09	3570.39	4008.81
235	25	-478.66	-138.77	-20.73	786.65	-780.57	-688.46
	138	478.66	138.77	20.73	-786.65	1382.28	-3555.13
236	5	-1569.34	167.54	42.70	1348.47	9267.34	1770.85
	134	1569.34	-167.54	-42.70	-1348.47	-10344.73	-5819.02
237	160	1032.63	-164.62	-17.95	1866.54	-3826.02	-1856.19
	142	-1032.63	164.62	17.95	-1866.54	4055.99	5644.31
370	147	-536.33	-1352.11	445.22	2198.25	14562.85	-61024.27

	150	536.33	1352.11	-445.22	-2198.25	-38122.96	-60665.80
372	139	455.70	-423.17	705.92	-2850.70	-27052.96	-18186.90
	132	-455.70	423.17	-705.92	2850.70	-33865.63	-18209.27
Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
1	53	-0.30	-0.50	1.05	-251.26	358.28	-204.92
	51	-0.30	1.84	9.95e-001	-371.66	467.30	-235.52
	708	0.39	-0.50	0.67	-314.59	704.37	-200.02
2	708	1.25	-2.36	0.13	-683.37	612.72	-262.33
	52	1.25	11.00	-1.05	-473.69	1080.78	-279.27
	139	1.90	-1.12	-1.92	-665.39	1163.87	-126.84
3	132	-2.88	3.19	0.98	-372.76	-1325.76	-782.27
	42	-2.88	-10.18	-3.89	-442.76	-805.01	-958.30
	709	-1.14	3.19	1.33	-419.16	176.85	-612.64
4	3	-4.85	-38.47	-4.97	294.59	-1360.76	-420.16
	705	-4.85	10.44	7.06e-002	399.56	-533.97	-395.09
	150	-7.59	6.47	-7.02	395.61	-1645.62	-175.97
5	164	9.67	32.61	-12.74	-237.04	-372.08	363.85
	147	9.67	-7.65	-2.28	-261.38	-555.82	320.43
	704	3.47	-7.65	3.75	-274.57	-174.96	287.40
6	27	2.79	-0.71	-1.75	-243.65	-80.84	-90.15
	146	2.79	0.13	0.59	-364.00	24.37	-78.86
	697	2.04	0.13	0.52	-365.73	-112.61	-63.72
7	32	-2.76	0.68	1.66	-355.75	-104.96	-145.40
	143	-2.76	-0.13	-0.58	-363.52	27.84	-132.21
	696	-2.05	-0.13	-0.52	-364.55	-144.61	-112.12
8	46	-3.63	0.78	-2.47	157.69	-529.65	-53.46
	133	-3.63	-2.50	-2.97	111.27	-133.59	-72.37
	45	-3.47	-0.83	2.66	138.62	-306.30	-157.83
9	677	-4.86	-1.60	2.35	306.13	-34.59	-98.26
	71	-4.86	1.38	2.40	-25.20	20.50	-131.85
	680	-4.91	-0.60	1.46	171.23	-20.17	-105.04
10	72	-3.64	-1.04	1.82	203.52	-41.29	-50.49
	82	-3.64	0.62	2.44	132.00	-139.04	39.86
	79	-4.57	-0.70	1.32	252.40	32.64	-110.12
66	709	1.35	-0.40	0.92	523.65	483.83	640.53
	40	1.35	0.44	1.12	530.85	373.03	520.18
	37	-1.99	0.44	0.93	382.47	279.36	363.94
67	42	-0.38	-1.84	0.48	-111.46	-271.37	596.12
	37	-0.38	0.58	0.60	-455.01	-187.98	439.78
	709	-0.67	-1.07	-0.84	-378.79	-434.10	723.40
68	51	0.30	-0.52	0.79	275.16	-421.31	345.05
	52	0.30	1.63	0.47	38.04	-331.39	365.05
	708	0.99	0.93	-0.67	140.84	-518.72	466.67
69	5	3.70	0.68	-1.47	-584.85	-179.56	254.78
	705	3.70	-0.92	2.02	-805.70	-251.02	322.13
	2	-5.84	0.68	-1.04	-534.62	246.79	180.31
70	704	1.72	-2.96	-0.88	374.40	259.38	193.90
	155	1.72	4.17	2.92	225.93	278.45	205.35
	160	-1.98	-1.33	-1.34	315.03	269.40	129.29
71	164	4.60	2.66	-3.19	-254.74	-167.68	213.89
	704	4.60	2.14	1.46	-313.07	-272.05	230.00
	155	-3.47	2.50	-1.72	-262.81	-241.71	-201.42
72	2	-1.40	2.86	-2.84	-225.61	-81.05	-474.19
	705	-1.40	-4.98	1.50	-627.04	301.55	-426.76
	3	-6.99	-0.55	1.62	-359.67	342.67	-241.70
73	697	-0.58	-1.12	-1.14	357.63	325.05	-144.41
	24	-0.58	5.38	1.51	150.24	148.53	-175.70

	25	-2.97	1.01	-1.80	279.84	129.76	31.40
74	27	0.44	2.42	-0.72	-30.04	227.31	88.66
	24	0.44	-1.57	-0.57	98.47	217.42	68.29
	697	-0.31	1.63	1.82	99.91	368.36	93.52
75	31	-0.49	1.47	0.55	-247.61	-271.11	197.52
	32	-0.49	-2.39	-0.67	30.09	-328.02	169.29
	696	0.47	-1.64	1.83	-123.90	-367.26	116.28
76	31	0.63	-5.63	1.48	146.04	-360.69	-190.45
	696	0.63	1.08	-1.16	-343.27	-312.27	-161.00
	33	2.99	-1.18	-1.86	-268.82	-335.90	69.35
238	686	-0.57	-4.26e-002	0.58	175.70	637.97	411.93
	685	-0.57	-0.12	0.54	678.55	1390.63	316.26
	664	-0.86	-0.12	0.37	1064.33	306.03	676.39
	675	-0.86	-4.26e-002	0.41	-421.66	-42.37	772.00
239	641	-7.93e-002	-8.04e-002	3.77e-002	341.79	419.15	-293.44
	638	-7.93e-002	-0.19	-8.37e-002	1688.31	482.52	-731.38
	685	-0.57	-0.19	0.30	951.01	1218.96	-281.01
	686	-0.57	-8.04e-002	0.34	155.97	479.15	168.95
240	684	-3.87e-002	1.83e-002	0.66	229.90	-247.55	594.61
	686	-3.87e-002	-4.26e-002	0.64	-131.21	144.79	586.09
	675	-0.13	-4.26e-002	0.41	453.84	128.45	778.28
	673	-0.13	1.83e-002	0.43	-268.31	-139.92	786.84
241	640	3.08e-002	3.37e-002	4.86e-002	-429.32	-288.14	-283.52
	641	3.08e-002	-8.04e-002	5.04e-002	588.36	167.38	-266.74
	686	-3.87e-002	-8.04e-002	0.39	281.64	287.93	256.56
	684	-3.87e-002	3.37e-002	0.39	-131.80	-442.15	240.86
242	644	0.53	-0.12	0.62	-581.24	-1589.43	312.09
	684	0.53	1.83e-002	0.63	151.12	-784.96	393.29
	673	0.70	1.83e-002	0.44	645.70	36.54	779.56
	661	0.70	-0.12	0.43	-1016.27	-341.11	698.78
243	637	0.13	0.18	7.36e-002	-1642.22	-677.22	-804.50
	640	0.13	3.37e-002	3.40e-002	-194.58	-623.76	-330.86
	684	0.53	3.37e-002	0.36	152.96	-651.51	150.17
	644	0.53	0.18	0.34	-864.52	-1437.94	-337.18
244	682	0.12	-0.13	6.62e-002	783.16	-390.63	-75.13
	689	0.12	-0.22	6.86e-002	1577.54	-821.15	-143.91
	638	-7.93e-002	-0.22	-6.63e-002	1351.07	-369.14	-587.92
	641	-7.93e-002	-0.13	-5.74e-002	838.53	-150.76	-519.37
245	635	-0.11	-0.13	0.19	761.21	-134.98	518.46
	632	-0.11	-0.24	0.18	1269.80	-405.30	636.45
	689	0.12	-0.24	7.81e-002	1549.58	-789.47	161.18
	682	0.12	-0.13	7.52e-002	782.33	-358.59	48.27
246	643	3.13e-002	7.30e-002	6.64e-002	-399.26	189.63	-146.88
	682	3.13e-002	-0.13	7.07e-002	483.84	-279.86	-125.43
	641	3.08e-002	-0.13	-5.55e-002	283.71	124.35	-385.08
	640	3.08e-002	7.30e-002	-5.77e-002	-150.09	-155.30	-407.41
247	634	1.98e-002	7.31e-002	0.16	-222.03	109.60	371.67
	635	1.98e-002	-0.13	0.16	232.20	-99.19	393.08
	682	3.13e-002	-0.13	8.02e-002	450.88	-245.84	71.65
	643	3.13e-002	7.31e-002	8.45e-002	-385.21	203.69	53.12
248	691	-4.47e-002	0.20	7.38e-002	-1506.02	741.60	-183.49
	643	-4.47e-002	7.30e-002	6.19e-002	-713.00	309.36	-100.36
	640	0.13	7.30e-002	-6.68e-002	-717.86	-138.74	-565.21
	637	0.13	0.20	-6.47e-002	-1291.64	233.45	-648.46
249	631	0.16	0.18	0.16	-1210.55	429.02	575.87
	634	0.16	7.31e-002	0.19	-734.99	166.17	476.31
	643	-4.47e-002	7.31e-002	7.95e-002	-706.64	307.40	31.78
	691	-4.47e-002	0.18	6.38e-002	-1492.71	736.22	116.84
250	693	-0.64	-7.65e-002	-0.29	149.85	449.60	101.41

	687	-0.64	-0.18	-0.27	901.29	1008.58	474.76
	632	-0.11	-0.18	0.16	1551.94	363.65	770.11
	635	-0.11	-7.65e-002	0.12	309.71	389.92	389.86
251	671	-1.01	-3.96e-002	-0.45	-378.94	-57.45	-385.57
	652	-1.01	-0.12	-0.36	1084.45	255.34	-326.62
	687	-0.64	-0.12	-0.50	714.33	1145.57	-65.13
	693	-0.64	-3.96e-002	-0.59	138.44	565.46	-106.08
252	692	-1.58e-002	4.07e-002	-0.32	-205.19	-219.46	51.28
	693	-1.58e-002	-7.65e-002	-0.33	173.36	306.45	57.01
	635	1.98e-002	-7.65e-002	9.26e-002	473.59	183.65	338.54
	634	1.98e-002	4.07e-002	0.10	-478.89	-149.99	324.18
253	669	-4.47e-002	2.06e-002	-0.44	-450.59	-121.83	-370.41
	671	-4.47e-002	-3.96e-002	-0.44	419.64	118.82	-377.92
	693	-1.58e-002	-3.96e-002	-0.63	105.93	161.68	-246.72
	692	-1.58e-002	2.06e-002	-0.63	-110.10	-114.29	-239.13
254	683	0.60	0.14	-0.33	-867.28	-861.34	431.50
	692	0.60	4.07e-002	-0.30	-177.89	-345.75	91.71
	634	0.16	4.07e-002	0.13	-317.07	-289.58	354.66
	631	0.16	0.14	0.12	-1476.06	-258.07	701.92
255	649	0.94	0.10	-0.39	-1046.26	-234.81	-295.43
	669	0.94	2.06e-002	-0.45	343.10	59.14	-369.71
	692	0.60	2.06e-002	-0.61	-167.16	-478.61	-116.55
	683	0.60	0.10	-0.55	-693.27	-991.74	-59.99
256	690	-0.10	0.11	9.13e-002	-1775.43	1281.83	168.12
	691	-0.10	0.20	7.18e-002	-1753.59	1018.48	-197.75
	637	7.84e-002	0.20	-3.95e-002	-2155.05	199.89	-555.30
	639	7.84e-002	0.11	-0.11	-2316.02	417.96	-242.45
257	633	6.31e-002	6.02e-002	0.21	-1870.64	577.08	393.22
	631	6.31e-002	0.18	0.13	-1846.99	434.53	497.83
	691	-0.10	0.18	5.94e-002	-1664.43	952.84	200.48
	690	-0.10	6.02e-002	0.11	-1725.71	1222.88	131.90
258	91	-5.33e-002	-0.53	0.17	-205.23	1231.69	350.04
	690	-5.33e-002	0.11	-0.15	-1543.99	1365.28	127.45
	639	0.16	0.11	0.24	-2179.20	512.02	232.09
	95	0.16	-0.53	0.28	-378.38	411.60	507.65
259	87	0.23	-0.63	-0.12	-250.10	569.34	165.79
	633	0.23	6.02e-002	-0.10	-1729.48	635.15	150.11
	690	-5.33e-002	6.02e-002	0.17	-1439.34	1298.64	326.38
	91	-5.33e-002	-0.63	-0.11	-202.12	1083.91	254.39
260	688	8.82e-002	-5.55e-002	0.13	1561.70	-1437.93	136.74
	626	8.82e-002	0.78	0.14	219.29	-1300.62	286.92
	680	-8.90e-002	0.78	0.29	385.44	-523.81	428.07
	642	-8.90e-002	-5.55e-002	0.27	2086.64	-612.50	196.54
261	636	-0.14	-5.29e-002	-0.15	1865.65	-637.08	143.64
	72	-0.14	0.78	-0.20	310.92	-564.13	189.79
	626	8.82e-002	0.78	-0.11	215.19	-1216.94	214.73
	688	8.82e-002	-5.29e-002	0.12	1510.49	-1391.76	295.42
262	689	0.16	-0.22	6.19e-002	1790.94	-1077.52	-168.12
	688	0.16	-5.55e-002	8.92e-002	1814.15	-1352.74	156.48
	642	-5.24e-002	-5.55e-002	-0.11	2247.88	-527.60	-245.12
	638	-5.24e-002	-0.22	-4.22e-002	2144.35	-342.05	-501.92
263	632	-4.57e-002	-0.24	0.13	1968.48	-401.71	554.27
	636	-4.57e-002	-5.29e-002	0.16	2019.55	-567.57	405.47
	688	0.16	-5.29e-002	7.97e-002	1780.99	-1307.02	130.75
	689	0.16	-0.24	7.28e-002	1749.66	-1029.61	234.03
264	4	-0.22	-0.35	0.34	3687.67	2795.77	131.95
	79	-0.22	-0.31	-0.20	-679.72	1722.79	-173.05
	72	-0.14	-0.31	-0.16	490.49	220.14	149.13
	636	-0.14	-0.35	0.19	2060.56	-1083.45	237.82
265	651	-1.32	-0.44	-0.57	3125.04	-195.54	590.19

	655	-1.32	-0.34	-3.11e-002	239.80	286.50	432.07
	79	-0.22	-0.34	-0.20	-719.84	1930.04	155.67
	4	-0.22	-0.44	-0.51	3848.59	3259.31	291.34
266	687	-1.50	-0.18	-0.27	652.54	1580.44	597.48
	4	-1.50	-0.35	0.10	4462.67	2860.26	323.83
	636	-4.57e-002	-0.35	0.34	2416.54	-1119.63	328.64
	632	-4.57e-002	-0.18	0.10	1996.39	224.99	592.33
267	652	-1.88	-0.12	-0.32	1293.45	358.25	-271.28
	651	-1.88	-0.44	-0.55	3690.30	-364.92	-148.12
	4	-1.50	-0.44	-0.67	4605.37	3384.96	285.97
	687	-1.50	-0.12	-0.45	578.72	1547.86	156.91
268	14	-0.47	-0.51	0.30	4683.24	4005.04	-110.84
	677	-0.47	-0.32	-0.22	-896.35	2297.29	92.65
	667	-1.32	-0.32	1.74e-002	268.52	340.31	-395.82
	663	-1.32	-0.51	0.38	3654.64	-270.79	-485.96
269	642	-8.90e-002	0.36	-0.25	2362.86	-1225.95	112.21
	680	-8.90e-002	-0.38	0.22	616.58	331.69	286.74
	677	-0.47	-0.38	-0.22	-853.87	2052.16	385.19
	14	-0.47	0.36	-0.33	4513.75	3413.85	139.33
270	685	-1.17	-0.12	0.51	529.48	1875.00	91.95
	14	-1.17	-0.51	0.55	5188.76	4072.90	-89.10
	663	-1.80	-0.51	0.35	4157.09	-378.11	427.05
	664	-1.80	-0.12	0.31	1314.56	448.47	589.46
271	638	-5.24e-002	-0.19	3.68e-002	2205.54	339.17	-481.70
	642	-5.24e-002	0.36	-0.21	2721.16	-1211.34	-214.41
	14	-1.17	0.36	0.14	5046.70	3447.33	-174.31
	685	-1.17	-0.19	0.31	615.53	1896.85	-457.75
272	1	1.56	0.34	0.12	-4096.22	-2458.27	306.06
	683	1.56	0.14	-0.36	-651.87	-1376.62	564.68
	631	6.31e-002	0.14	7.64e-002	-1863.13	-152.63	543.50
	633	6.31e-002	0.34	0.46	-2222.96	1052.41	296.16
273	645	1.64	0.55	-0.62	-3406.18	379.23	-104.84
	649	1.64	0.10	-0.35	-1175.66	-312.50	-237.47
	683	1.56	0.10	-0.55	-553.38	-1374.50	154.48
	1	1.56	0.55	-0.81	-4249.94	-3088.73	298.44
274	83	-0.17	0.32	-0.22	505.28	-1526.34	-178.40
	1	-0.17	0.34	0.51	-3222.47	-2393.56	114.76
	633	0.23	0.34	0.31	-1885.22	996.45	236.25
	87	0.23	0.32	-0.15	-415.13	-153.14	145.63
275	648	1.09	0.41	-2.74e-002	-217.15	-233.46	414.77
	645	1.09	0.55	-0.62	-2854.13	189.98	572.98
	1	-0.17	0.55	-0.45	-3422.94	-2919.83	261.05
	83	-0.17	0.41	0.25	588.62	-1612.68	134.20
276	11	1.26	0.58	0.65	-5592.62	-4503.15	-106.19
	644	1.26	-0.12	0.60	-420.02	-2118.26	72.32
	661	1.76	-0.12	0.37	-1291.94	-486.37	602.48
	657	1.76	0.58	0.43	-4476.12	430.34	440.70
277	639	7.84e-002	-0.38	-0.24	-2843.17	1160.58	-211.31
	637	7.84e-002	0.18	2.73e-002	-2237.44	-506.10	-533.23
	644	1.26	0.18	0.35	-521.07	-2174.97	-526.50
	11	1.26	-0.38	0.12	-5422.25	-3832.51	-188.21
278	629	-0.34	0.56	-0.24	883.82	-2386.16	100.49
	11	-0.34	0.58	0.37	-5026.17	-4394.30	-92.02
	657	1.27	0.58	0.44	-3984.30	311.82	-554.88
	658	1.27	0.56	-2.47e-002	-309.88	-351.72	-453.88
279	95	0.16	0.52	0.27	-640.76	-398.87	365.52
	639	0.16	-0.38	-0.20	-2503.82	1178.02	105.14
	11	-0.34	-0.38	-0.35	-4787.85	-3807.88	163.26
	629	-0.34	0.52	-0.25	808.07	-2431.70	478.08
280	630	-0.39	5.82	0.28	18.99	-52.22	9.03

	660	-0.39	6.91	0.23	-109.00	-75.47	7.35
	76	-0.17	6.91	0.25	-50.98	-59.94	10.42
	75	-0.17	5.82	0.53	-13.81	-82.98	12.56
281	629	0.56	6.39	0.35	74.60	477.31	44.16
	658	0.56	5.01	0.46	-58.06	439.74	2.31
	660	-0.39	5.01	0.26	-126.73	-38.64	-13.72
	630	-0.39	6.39	0.27	-25.17	-63.48	31.54
282	628	-0.18	4.38	0.39	82.11	-9.15	14.99
	630	-0.18	5.82	0.29	13.54	-39.13	10.10
	75	0.51	5.82	0.44	23.51	-84.72	-19.36
	80	0.51	4.38	0.31	63.67	-99.90	-20.96
283	95	0.52	4.73	-1.03	-87.48	218.00	-66.62
	629	0.52	6.39	-0.20	86.68	430.61	-24.67
	630	-0.18	6.39	0.30	39.26	-35.23	31.32
	628	-0.18	4.73	-0.95	61.31	91.46	-17.43
284	94	0.35	3.13	-0.72	40.38	-6.41	-24.44
	628	0.35	4.38	-0.55	33.70	-9.22	-16.28
	80	0.67	4.38	0.39	58.31	-86.51	-23.60
	92	0.67	3.13	0.53	58.75	-84.52	-34.70
285	91	-0.53	2.76	-0.35	-29.19	118.70	-52.70
	95	-0.53	4.73	-0.90	74.52	192.10	-42.08
	628	0.35	4.73	-1.16	53.27	71.73	-16.63
	94	0.35	2.76	-0.64	22.07	87.47	-24.00
286	90	0.39	3.61	0.48	6.99	-7.01	-40.87
	94	0.39	3.13	0.55	30.20	-7.89	-31.05
	92	0.60	3.13	-0.67	45.69	-87.90	-30.27
	96	0.60	3.61	-0.61	22.18	-93.02	-37.75
287	87	-0.63	3.53	0.50	47.37	169.07	-23.03
	91	-0.63	2.76	0.24	-20.97	121.15	-25.42
	94	0.39	2.76	0.47	23.35	75.70	-36.90
	90	0.39	3.53	0.53	24.01	62.36	-33.83
288	86	-0.11	4.31	-0.23	-33.48	-14.29	-22.89
	90	-0.11	3.61	0.39	26.16	-6.92	-36.36
	96	0.36	3.61	-0.55	9.61	-109.17	-32.51
	84	0.36	4.31	-0.41	-46.00	-108.80	-21.34
289	83	0.32	4.23	0.18	49.74	322.58	-14.46
	87	0.32	3.53	0.58	-73.70	183.02	22.33
	90	-0.11	3.53	0.53	22.43	73.73	-26.98
	86	-0.11	4.23	0.26	-12.68	-14.26	-39.03
290	646	-0.29	4.65	0.25	-113.60	-31.20	-11.71
	86	-0.29	4.31	0.16	-37.57	-20.36	-17.17
	84	0.12	4.31	-0.15	-93.05	-110.48	-19.34
	88	0.12	4.65	8.66e-002	-115.17	-102.45	-16.30
291	648	0.41	2.90	-0.26	-69.64	316.00	-7.09
	83	0.41	4.23	-0.21	52.87	348.28	-44.37
	86	-0.29	4.23	0.22	-47.45	-31.37	-32.20
	646	-0.29	2.90	0.15	-118.94	-12.92	-11.66
292	82	0.38	-4.42	0.36	8.77	20.38	-32.01
	656	0.38	-4.89	0.42	60.94	16.79	-15.04
	125	-0.20	-4.89	0.37	94.48	130.43	-17.96
	129	-0.20	-4.42	0.30	13.61	118.81	-32.67
293	79	-0.34	-5.38	-0.25	-73.69	-307.47	-30.92
	655	-0.34	-3.28	-0.19	66.14	-322.30	-30.18
	656	0.38	-3.28	0.26	38.70	-13.98	-22.60
	82	0.38	-4.96	0.44	-48.35	14.61	-99.15
294	78	-8.51e-002	-3.73	0.69	-45.69	13.21	-33.75
	82	-8.51e-002	-4.42	0.38	-18.62	23.41	-48.28
	129	-0.36	-4.42	0.35	-23.83	97.57	-39.88
	133	-0.36	-3.73	0.83	-76.38	98.60	-29.25
295	626	0.78	-3.06	0.30	22.47	-121.56	-22.93

	72	0.78	-4.32	0.72	-67.52	-171.21	-20.82
	82	-8.51e-002	-4.36	0.96	-45.68	-90.01	-33.95
	78	-8.51e-002	-3.06	0.49	-26.05	-80.21	-38.84
296	71	-8.16e-002	-4.90	-0.51	-47.04	28.10	21.86
	78	-8.16e-002	-3.73	-0.81	-49.93	12.16	-19.79
	133	-0.41	-3.73	0.81	-83.39	95.19	-33.51
	140	-0.41	-4.90	0.39	-52.65	88.59	26.30
297	680	0.78	-5.06	-0.86	-77.27	-169.00	-34.35
	626	0.78	-3.06	-0.35	25.30	-117.30	-45.68
	78	-8.16e-002	-3.06	-0.61	-25.07	-88.39	-18.07
	71	-8.16e-002	-5.16	-1.20	-73.19	-98.45	-16.38
298	668	0.43	-6.32	0.32	28.58	52.42	9.93
	71	0.43	-4.90	-0.40	-48.46	33.65	16.27
	140	-0.23	-4.90	-0.23	-54.29	101.42	22.12
	144	-0.23	-6.32	0.15	35.63	97.16	12.84
299	667	-0.32	-4.65	0.33	63.19	-373.41	32.28
	677	-0.32	-6.55	0.30	-95.79	-342.90	19.40
	71	0.43	-6.10	-0.45	-89.43	-13.13	97.28
	668	0.43	-4.65	0.24	15.92	-6.12	20.20
300	676	0.53	-1.17	1.73	-29.01	-10.64	-10.12
	666	0.53	-3.78	1.46	-11.19	-8.68	9.22
	165	0.26	-3.78	0.77	-18.47	20.67	19.20
	161	0.26	-1.17	1.04	-9.73	14.84	17.11
301	675	-0.86	-1.44	1.12	78.71	-49.92	74.58
	664	-0.86	-5.04	1.30	-65.51	-125.85	60.71
	666	0.53	-5.04	2.14	-34.91	-32.06	11.70
	676	0.53	-1.44	1.95	9.58	-34.44	25.30
302	674	-2.41e-002	1.84	2.07	-10.25	6.32	-10.96
	676	-2.41e-002	-1.17	2.03	18.35	-9.21	11.38
	161	2.87e-002	-1.17	1.13	-5.92	14.45	16.09
	156	2.87e-002	1.84	1.17	17.27	-24.13	14.88
303	673	-0.13	1.91	1.09	73.23	42.80	74.90
	675	-0.13	-1.44	1.03	-68.17	-28.73	75.45
	676	-2.41e-002	-1.44	2.25	-17.32	-6.83	24.53
	674	-2.41e-002	1.91	2.31	23.78	11.66	23.87
304	662	-0.60	4.53	1.63	13.94	9.11	-8.45
	674	-0.60	1.84	1.88	39.26	7.90	-10.82
	156	-0.27	1.84	1.12	19.93	-31.96	14.95
	152	-0.27	4.53	0.87	30.95	-41.89	13.38
305	661	0.70	5.68	1.49	80.04	148.51	59.63
	673	0.70	1.91	1.20	-83.46	65.52	75.52
	674	-0.60	1.91	2.12	-4.08	43.00	22.17
	662	-0.60	5.68	2.41	44.00	40.33	7.60
306	672	0.15	0.35	2.49	17.35	16.08	42.43
	654	0.15	-1.79	1.96	-24.43	18.16	34.33
	117	-0.41	-1.79	1.23	-32.63	-24.69	32.38
	113	-0.41	0.35	1.75	-18.96	14.17	41.13
307	671	-1.01	-1.22	1.39	-88.41	57.25	-29.29
	652	-1.01	-3.73	1.30	67.56	125.84	-21.71
	654	0.15	-3.73	2.38	-16.49	32.31	25.70
	672	0.15	-1.22	2.47	-13.76	37.61	22.48
308	670	4.84e-002	0.28	2.63	13.45	-9.81	45.34
	672	4.84e-002	0.35	2.61	-22.25	13.90	42.30
	113	7.15e-002	0.35	3.05	-16.12	9.97	44.94
	108	7.15e-002	0.28	3.06	-22.55	16.75	47.51
309	669	-4.47e-002	1.03	1.32	-71.17	-26.10	-26.45
	671	-4.47e-002	-1.22	1.32	70.69	38.49	-28.54
	672	4.84e-002	-1.22	2.60	11.20	11.73	25.36
	670	4.84e-002	1.03	2.60	-16.90	-7.60	26.56
310	650	-0.16	1.56	1.98	18.03	-14.40	45.42

	670	-0.16	0.28	2.52	-27.53	-11.21	47.76
	108	0.52	0.28	1.81	18.44	24.08	46.00
	104	0.52	1.56	1.27	34.62	37.30	42.17
311	649	0.94	3.41	1.28	-70.87	-117.52	-14.50
	669	0.94	1.03	1.38	91.17	-44.46	-27.18
	670	-0.16	1.03	2.48	8.31	-32.06	25.92
	650	-0.16	3.41	2.38	-23.44	-26.79	34.78
312	665	0.86	-5.24	0.49	-20.46	24.20	12.28
	668	0.86	-6.32	-0.39	112.63	55.09	10.11
	144	0.22	-6.32	0.12	42.53	28.73	14.17
	17	0.22	-5.24	0.23	36.47	32.88	28.36
313	663	-1.32	-7.08	-0.55	-14.40	-318.91	-50.58
	667	-1.32	-4.65	-0.91	80.17	-165.47	-34.61
	668	0.86	-4.65	-0.85	97.28	-47.61	11.22
	665	0.86	-7.08	-0.53	27.46	55.84	10.30
314	666	0.80	-3.78	0.74	-46.66	-8.73	9.23
	665	0.80	-5.24	0.32	-19.05	13.26	17.13
	17	0.24	-5.24	0.26	-24.24	33.67	29.44
	165	0.24	-3.78	0.64	-23.26	27.69	20.57
315	664	-1.80	-5.04	1.42	86.63	-159.01	63.23
	663	-1.80	-7.08	0.18	-58.08	-310.30	39.87
	665	0.80	-7.08	0.28	-25.06	46.93	-8.02
	666	0.80	-5.04	1.40	-23.27	-45.23	18.33
316	659	-0.86	5.97	0.53	24.05	-13.71	11.16
	662	-0.86	4.53	0.93	59.46	9.93	-7.77
	152	-0.27	4.53	0.81	30.66	-51.59	12.52
	148	-0.27	5.97	0.40	26.93	-55.73	21.34
317	657	1.76	7.79	0.32	76.10	355.75	37.64
	661	1.76	5.68	1.62	-93.25	185.43	63.83
	662	-0.86	5.68	1.69	32.16	55.73	13.03
	659	-0.86	7.79	0.43	32.73	-47.21	-15.48
318	660	-0.82	6.91	0.17	-95.95	-56.19	6.65
	659	-0.82	5.97	0.25	25.53	-23.68	6.95
	148	-0.24	5.97	0.38	-27.09	-56.11	20.54
	76	-0.24	6.91	0.31	-46.23	-43.86	13.60
319	658	1.27	5.01	-1.04	-73.25	227.52	-47.47
	657	1.27	7.79	-0.45	22.77	367.80	-59.22
	659	-0.82	7.79	0.27	19.60	-57.61	-13.74
	660	-0.82	5.01	-0.75	-85.91	29.26	5.80
320	653	0.49	-3.27	-0.71	-34.31	16.43	18.96
	656	0.49	-4.89	-0.43	-143.84	-67.38	-16.94
	125	0.16	-4.89	-0.60	-103.80	43.68	-17.70
	121	0.16	-3.27	-0.89	-85.13	-25.83	19.30
321	651	-1.32	-5.33	-0.51	-16.02	281.17	60.60
	655	-1.32	-3.28	-0.75	-63.72	129.28	36.07
	656	0.49	-3.28	-0.70	-102.22	78.46	-8.69
	653	0.49	-5.33	-0.48	-50.11	-33.66	29.16
322	654	0.41	-1.79	1.15	-23.95	19.35	29.63
	653	0.41	-3.27	0.11	-34.59	21.96	14.45
	121	-0.10	-3.27	-0.67	-57.25	-31.42	15.77
	117	-0.10	-1.79	0.49	-38.64	-31.61	29.06
323	652	-1.88	-3.73	1.36	-100.82	152.49	-24.94
	651	-1.88	-5.33	7.75e-002	55.76	276.42	-13.09
	653	0.41	-5.33	0.29	-27.87	-31.95	27.11
	654	0.41	-3.73	1.56	-15.44	46.02	16.36
324	647	-0.36	3.05	0.21	25.99	-20.62	26.83
	650	-0.36	1.56	1.22	-32.82	-16.52	41.70
	104	0.16	1.56	0.55	35.17	45.98	43.22
	100	0.16	3.05	-0.47	46.50	44.40	28.73
325	645	1.64	4.86	0.15	-74.94	-270.04	-7.77

	649	1.64	3.41	1.34	88.96	-148.08	-16.27
	650	-0.36	3.41	1.62	19.67	-39.89	26.87
	647	-0.36	4.86	0.44	20.84	32.52	35.72
326	646	-0.36	4.65	-0.20	115.34	39.96	16.85
	647	-0.36	3.05	-0.40	28.00	-16.85	27.53
	100	-0.11	3.05	-0.61	72.31	42.13	31.49
	88	-0.11	4.65	-0.40	110.26	-14.42	-21.77
327	648	1.09	2.90	-0.73	43.79	-162.26	39.31
	645	1.09	4.86	-0.38	11.61	-277.13	60.18
	647	-0.36	4.86	-0.21	30.62	33.14	31.99
	646	-0.36	2.90	-0.53	87.38	-48.64	12.71
328	51	0.31	-0.30	0.49	-191.06	323.48	237.83
	159	0.31	-1.10	-0.97	-323.73	-160.51	227.57
	142	-1.27	-1.10	-0.55	-287.69	901.42	315.68
	53	-1.27	-0.30	1.78	-446.32	297.57	319.65
329	43	3.88e-002	-0.54	0.50	-128.34	-83.99	329.10
	154	3.88e-002	-1.05	0.26	-173.00	-91.58	305.07
	159	0.31	-1.05	-0.15	-254.80	-81.59	273.46
	51	0.31	-0.54	-0.18	-171.21	-64.29	298.06
330	128	-0.16	-0.56	0.43	-94.54	-52.69	332.86
	363	-0.16	-0.89	0.28	-68.93	-53.48	311.05
	154	3.88e-002	-0.89	0.29	-128.28	-96.43	320.75
	43	3.88e-002	-0.56	0.43	-117.84	-69.96	342.99
331	50	-4.13e-002	1.35	0.17	-35.57	-128.32	388.93
	43	-4.13e-002	-0.54	0.33	-107.76	-59.30	332.97
	51	0.30	-0.54	-0.61	-251.93	-78.80	330.74
	52	0.30	1.35	-0.32	-41.44	-133.95	388.28
332	362	8.89e-002	1.56	-0.13	-19.64	-90.22	353.91
	128	8.89e-002	-0.56	-0.41	-64.10	-58.17	341.09
	43	-4.13e-002	-0.56	0.25	-85.91	-74.57	361.80
	50	-4.13e-002	1.56	0.16	-32.36	-101.27	375.32
333	36	9.25e-002	1.38	0.49	178.21	158.25	366.89
	41	9.25e-002	-1.83	0.14	76.33	260.07	451.53
	42	-0.38	-1.83	-0.46	97.51	303.83	550.84
	37	-0.38	1.38	-0.40	328.49	209.52	466.18
334	604	0.14	1.86	-0.26	112.98	197.83	337.12
	357	0.14	-2.14	-0.19	32.41	235.38	366.95
	41	9.25e-002	-2.14	0.20	33.96	263.53	410.50
	36	9.25e-002	1.86	-0.38	167.99	216.52	380.67
335	35	-0.36	2.09	-1.23	396.67	69.79	341.85
	37	-0.36	0.44	-0.72	341.68	220.11	434.34
	40	-1.77	0.44	1.57	489.76	383.03	393.66
	131	-1.77	2.09	-0.83	567.19	622.25	303.24
336	34	9.43e-002	2.75	-0.30	245.73	179.58	314.54
	36	9.43e-002	1.38	-0.52	219.73	172.93	364.93
	37	-0.36	1.38	-0.56	320.11	158.87	394.12
	35	-0.36	2.75	-0.44	310.33	122.42	344.15
337	356	0.43	3.37	-0.11	210.95	243.02	327.01
	604	0.43	1.86	-0.27	121.72	212.12	344.79
	36	9.43e-002	1.86	-0.41	174.90	199.66	344.88
	34	9.43e-002	3.37	-0.25	219.50	170.65	327.04
338	31	0.24	0.23	-1.57	309.99	262.50	208.34
	35	0.24	2.09	0.71	359.67	-149.77	312.19
	131	-2.06	2.09	-1.16	760.77	666.85	325.87
	33	-2.06	0.23	-3.28	197.95	206.82	217.67
339	29	-0.50	-0.84	-1.51	248.73	86.13	266.84
	34	-0.50	2.75	-0.75	239.73	69.05	315.50
	35	0.24	2.75	-0.35	317.72	124.58	284.55
	31	0.24	-0.84	-1.04	260.58	136.63	238.20
340	579	-0.55	-0.59	-0.19	357.48	206.25	299.26

	356	-0.55	3.37	-0.14	183.87	142.08	315.75
	34	-0.50	3.37	-0.73	247.01	115.12	308.26
	29	-0.50	-0.59	-0.71	230.86	117.08	293.33
341	30	0.35	-3.36	-0.20	56.78	184.26	293.15
	29	0.35	-0.84	-1.41	190.79	120.14	284.11
	31	-0.49	-0.84	-0.81	175.86	139.43	194.43
	32	-0.49	-3.36	0.54	34.79	225.20	201.40
342	364	-1.61	-6.98	-1.62	361.76	201.85	405.06
	579	-1.61	-0.59	-0.38	348.11	226.41	305.86
	29	0.35	-0.59	-0.61	243.03	121.73	278.61
	30	0.35	-6.98	-1.87	88.03	188.31	390.98
343	23	-0.30	0.66	-1.16	-111.79	-81.14	95.38
	26	-0.30	3.05	-0.17	-48.08	-92.60	111.57
	27	0.44	3.05	0.54	-28.38	-148.57	83.95
	24	0.44	0.66	-0.58	-79.06	-106.99	74.91
344	516	1.23	0.48	-0.23	-325.12	-167.94	119.12
	365	1.23	5.85	-1.25	-212.71	260.92	151.27
	26	-0.30	5.85	-1.52	-76.15	-113.66	171.42
	23	-0.30	0.48	-0.47	-157.29	148.03	90.21
345	22	-0.31	-2.10	0.52	-89.42	111.18	140.29
	24	-0.31	-0.24	-1.38	-109.88	-233.26	104.83
	25	1.77	-0.24	-2.98	-76.93	-199.54	125.42
	138	1.77	-2.10	-1.21	-314.42	-518.91	180.04
346	21	0.38	-2.64	-0.61	-115.66	33.61	104.13
	23	0.38	0.66	-1.25	-142.56	-54.58	88.42
	24	-0.31	0.66	-0.81	-89.93	-101.72	101.09
	22	-0.31	-2.64	-0.23	-109.62	-140.65	108.11
347	361	0.46	-2.75	-0.12	-100.77	-80.96	111.12
	516	0.46	0.48	-0.17	-303.84	-156.00	106.88
	23	0.38	0.48	-0.56	-155.80	127.48	103.75
	21	0.38	-2.75	-0.60	-130.08	-114.31	102.78
348	18	-0.28	-0.16	-0.62	-53.78	-298.48	93.66
	22	-0.28	-2.10	-1.24	-73.90	-147.09	152.70
	138	1.04	-2.10	-1.44	-207.63	-508.46	219.54
	20	1.04	-0.16	1.90	228.20	-491.84	164.73
349	15	-0.20	-0.47	-0.44	-50.47	-143.58	102.14
	21	-0.20	-2.64	-0.35	-92.35	-161.13	89.90
	22	-0.28	-2.64	-0.83	-75.32	-123.57	123.36
	18	-0.28	-0.47	-0.54	-66.40	-228.92	134.59
350	491	-0.33	-0.65	-0.32	-51.70	-133.29	117.74
	361	-0.33	-2.75	-0.24	-94.58	-193.55	114.07
	21	-0.20	-2.75	-0.27	-95.48	-143.78	95.14
	15	-0.20	-0.65	-0.33	-43.33	-161.40	98.34
351	19	-0.19	0.23	7.55e-002	58.95	-235.70	71.41
	18	-0.19	-0.16	0.27	-24.89	-272.21	130.16
	20	1.11	-0.16	0.77	135.49	-462.85	-40.28
	137	1.11	0.23	0.86	18.42	-123.73	-85.13
352	16	0.19	1.42	0.18	8.72	-174.26	99.73
	15	0.19	-0.47	0.40	-29.23	-170.15	116.92
	18	-0.19	-0.47	0.17	-28.98	-221.75	111.93
	19	-0.19	1.42	0.25	16.76	-212.76	94.16
353	360	-8.90e-002	1.60	-0.13	-5.43	-128.14	113.06
	491	-8.90e-002	-0.65	-0.29	-33.91	-129.47	113.51
	15	0.19	-0.65	-0.24	-30.07	-156.19	107.90
	16	0.19	1.60	0.18	-9.14	-160.47	107.32
354	9	0.13	0.18	0.32	-108.98	-298.50	-124.64
	13	0.13	-0.38	-0.11	54.78	-279.23	-56.38
	135	0.56	-0.38	1.03	23.86	-154.10	132.42
	10	0.56	0.18	0.91	94.95	-566.36	-71.79
355	8	0.23	0.53	0.54	-107.31	96.19	-81.63

	12	0.23	-1.23	-0.12	-14.81	138.75	-60.35
	13	0.13	-1.23	-0.45	-16.98	-225.88	-76.01
	9	0.13	0.53	0.15	-72.16	-183.57	-103.28
356	454	-1.54e-002	0.48	0.14	-66.82	54.14	-77.20
	359	-1.54e-002	-1.36	8.76e-002	-24.95	74.28	-68.80
	12	0.23	-1.36	0.23	-14.05	114.23	-64.11
	8	0.23	0.48	0.31	-100.89	63.57	-64.58
357	7	0.30	1.04	-0.91	-318.30	56.83	-145.62
	9	0.30	0.18	0.51	-214.62	-339.16	-87.07
	10	-0.65	0.18	2.06	248.85	-617.00	-146.75
	134	-0.65	1.04	-1.65	-671.34	-818.72	-197.86
358	6	9.08e-002	1.26	0.36	-175.64	94.98	100.95
	8	9.08e-002	0.53	0.64	-206.17	51.45	-66.94
	9	0.30	0.53	0.26	-242.87	-190.16	-136.90
	7	0.30	1.26	-0.51	-234.63	67.63	-107.83
359	358	5.61e-002	0.89	0.24	-134.96	49.74	122.96
	454	5.61e-002	0.48	0.24	-112.28	52.80	-82.57
	8	9.08e-002	0.48	0.42	-153.34	59.59	-72.67
	6	9.08e-002	0.89	0.41	-175.47	62.92	108.57
360	2	-1.47	0.68	-0.52	-377.73	280.20	191.48
	7	-1.47	1.04	-1.05	-414.09	-119.92	-120.23
	134	4.18	1.04	-0.70	-635.69	326.58	106.61
	5	4.18	0.68	-1.95	-593.30	-188.51	231.29
361	167	-0.23	-0.46	0.70	-201.53	31.82	187.10
	6	-0.23	1.26	0.27	-201.28	53.01	105.11
	7	-1.47	1.26	0.18	-353.10	57.08	111.84
	2	-1.47	-0.46	0.48	-294.83	68.58	181.13
362	429	0.51	-0.82	0.96	-123.35	34.35	157.27
	358	0.51	0.89	0.62	-125.64	79.29	126.69
	6	-0.23	0.89	0.32	-163.58	42.19	133.99
	167	-0.23	-0.82	0.66	-167.69	37.56	164.80
363	168	8.25e-002	-3.22	-0.57	-67.86	-82.73	277.81
	167	8.25e-002	-0.46	-0.30	-168.53	47.34	188.56
	2	-0.98	-0.46	2.19	-379.58	78.03	274.77
	3	-0.98	-3.22	1.61	-60.60	-117.98	365.92
364	367	-0.37	-2.14	0.50	-29.00	-49.17	187.44
	429	-0.37	-0.82	1.17	-89.30	29.85	160.01
	167	8.25e-002	-0.82	-0.18	-145.16	38.92	209.91
	168	8.25e-002	-2.14	-0.65	-36.75	-69.74	238.36
365	151	-7.80e-002	0.58	-0.31	-92.54	-69.10	265.46
	163	-7.80e-002	3.03	-0.66	-30.84	-110.20	271.88
	164	1.08	3.03	1.39	-43.43	-159.46	266.40
	155	1.08	0.58	2.00	-155.96	-107.35	254.07
366	392	0.34	1.04	1.03	-52.44	-61.35	288.98
	366	0.34	2.31	0.49	-16.74	-87.05	283.81
	163	-7.80e-002	2.31	-0.65	-15.45	-107.18	271.24
	151	-7.80e-002	1.04	-0.22	-85.19	-76.22	274.84
367	159	1.39	-1.10	-1.49	-246.16	112.71	210.57
	155	1.39	-0.47	-0.55	-189.55	-198.35	245.64
	160	-2.75	-0.47	-2.07	-230.22	-185.67	247.36
	142	-2.75	-1.10	-0.80	-305.95	-536.73	211.18
368	154	0.14	-1.05	-0.15	-154.07	-52.98	290.56
	151	0.14	0.58	0.63	-121.44	-54.25	272.26
	155	1.39	0.58	0.46	-176.00	-95.14	243.72
	159	1.39	-1.05	0.23	-220.53	-52.65	258.72
369	363	-0.51	-0.89	0.54	-82.48	-62.99	314.27
	392	-0.51	1.04	0.80	-67.11	-57.73	288.97
	151	0.14	1.04	0.52	-97.14	-70.71	277.58
	154	0.14	-0.89	0.27	-137.14	-54.83	302.02
373	126	-6.35e-002	-0.58	0.24	-73.89	-41.93	311.62

	391	-6.35e-002	-0.85	0.14	-49.15	80.48	299.04
	363	-0.16	-0.85	0.29	-81.17	-99.35	311.36
	128	-0.16	-0.58	0.28	-56.98	-57.31	324.05
374	123	0.21	-0.65	0.31	-31.63	-53.79	321.57
	389	0.21	-0.85	0.37	-35.50	-43.30	313.00
	391	-6.35e-002	-0.85	0.15	-68.56	-144.77	299.88
	126	-6.35e-002	-0.65	0.21	-35.07	-88.65	308.40
375	119	-7.21e-003	0.83	0.55	-13.85	-41.30	328.68
	387	-7.21e-003	-0.85	0.38	27.91	-49.89	320.56
	389	0.21	-0.85	0.39	-30.93	-90.74	315.15
	123	0.21	0.83	0.56	-22.98	-63.20	323.27
376	115	-0.19	1.24	0.61	-18.29	77.40	315.98
	385	-0.19	1.33	0.42	49.02	109.91	306.60
	387	-7.21e-003	1.33	0.39	15.73	-40.30	317.60
	119	-7.21e-003	1.24	0.58	-17.81	-43.94	327.00
377	111	-5.57e-002	1.63	0.34	-21.81	119.30	290.01
	383	-5.57e-002	1.82	0.29	82.28	181.34	281.33
	385	-0.19	1.82	0.41	20.59	-39.18	300.64
	115	-0.19	1.63	0.42	35.68	66.23	309.36
378	106	0.23	2.04	0.60	-20.34	98.35	290.04
	381	0.23	2.03	0.56	60.04	150.17	285.49
	383	-5.57e-002	2.03	0.31	-23.44	-44.79	279.23
	111	-5.57e-002	2.04	0.39	64.34	-53.49	283.76
379	102	7.15e-003	2.51	0.86	22.18	154.19	295.00
	379	7.15e-003	2.55	0.54	45.65	184.43	289.60
	381	0.23	2.55	0.58	-15.88	-61.68	284.84
	106	0.23	2.51	0.90	39.15	91.42	290.24
380	98	-0.23	3.23	0.95	34.50	224.39	287.09
	377	-0.23	3.43	0.63	62.18	263.72	276.56
	379	7.15e-003	3.43	0.56	21.71	139.69	286.25
	102	7.15e-003	3.23	0.88	30.07	168.54	296.82
381	61	3.65e-002	3.84	0.51	40.27	283.31	257.81
	375	3.65e-002	4.14	0.44	92.06	340.51	247.07
	377	-0.23	4.14	0.63	32.03	174.73	268.23
	98	-0.23	3.84	0.67	53.21	210.30	279.06
382	621	0.21	4.52	0.60	45.96	294.50	245.18
	373	0.21	4.83	0.59	77.34	332.48	241.19
	375	3.65e-002	4.83	0.44	24.59	195.08	241.54
	61	3.65e-002	4.52	0.48	85.23	232.21	245.52
383	619	-5.08e-003	5.26	0.85	52.22	394.41	251.73
	371	-5.08e-003	5.89	0.61	77.48	403.93	244.53
	373	0.21	5.89	0.60	37.17	288.92	237.51
	621	0.21	5.26	0.85	60.51	305.13	244.68
384	617	-0.18	6.17	0.85	76.97	533.41	262.23
	369	-0.18	7.49	0.61	151.62	569.07	239.19
	371	-5.08e-003	7.49	0.60	65.05	381.65	241.35
	619	-5.08e-003	6.17	0.83	59.28	414.99	264.34
385	355	-0.11	6.49	0.25	73.16	543.09	227.77
	289	-0.11	8.18	-0.19	210.85	611.32	217.19
	369	-0.18	8.18	0.48	134.13	470.33	238.14
	617	-0.18	6.49	0.44	99.07	517.43	248.77
386	127	-0.22	1.86	-0.24	-53.12	-39.12	322.49
	126	-0.22	-0.58	0.33	-42.61	-43.08	323.80
	128	8.89e-002	-0.58	0.23	-61.53	-55.77	339.09
	362	8.89e-002	1.86	-0.60	-15.32	-76.89	337.68
387	124	-0.11	2.07	-0.66	-10.64	-73.56	339.81
	123	-0.11	-0.65	0.22	-24.95	-52.71	327.33
	126	-0.22	-0.65	0.29	-48.69	-82.13	320.74
	127	-0.22	2.07	-0.29	-39.15	-51.63	333.13
388	120	1.25e-002	1.96	-0.16	-2.73	-46.35	334.40

	119	1.25e-002	0.83	0.31	-13.18	-42.16	332.85
	123	-0.11	0.83	0.49	-17.65	-59.88	332.25
	124	-0.11	1.96	-6.69e-002	-5.51	-62.15	333.86
389	116	8.88e-002	1.97	-7.45e-002	-7.02	-67.12	327.83
	115	8.88e-002	1.24	0.53	-14.67	-70.86	325.54
	119	1.25e-002	1.24	0.34	-13.92	-45.35	331.16
	120	1.25e-002	1.97	-0.18	-2.22	-47.98	333.43
390	112	-0.18	2.29	-0.25	-50.57	58.29	313.63
	111	-0.18	1.63	0.28	41.37	107.54	295.68
	115	8.88e-002	1.63	0.31	-23.93	63.40	316.51
	116	8.88e-002	2.29	-0.59	11.57	82.88	334.70
391	107	-0.12	2.12	-0.68	-8.23	95.83	277.36
	106	-0.12	2.04	0.44	31.62	88.95	293.52
	111	-0.18	2.04	0.30	-32.33	-62.07	297.49
	112	-0.18	2.12	-0.29	62.21	50.19	281.00
392	103	1.16e-002	2.69	-0.20	3.74	153.37	297.81
	102	1.16e-002	2.51	0.56	18.91	149.90	301.01
	106	-0.12	2.51	0.75	22.75	99.50	291.89
	107	-0.12	2.69	-6.71e-002	9.05	111.81	288.72
393	99	0.12	3.19	-7.54e-002	12.83	216.32	305.24
	98	0.12	3.23	0.78	25.48	217.29	301.34
	102	1.16e-002	3.23	0.58	23.61	172.18	298.82
	103	1.16e-002	3.19	-0.21	4.16	177.72	302.70
394	62	0.14	4.14	-0.29	99.02	185.08	295.53
	61	0.14	3.84	0.31	69.76	272.82	256.66
	98	0.12	3.84	0.49	43.73	202.26	287.53
	99	0.12	4.14	-0.70	20.33	240.00	326.83
395	622	-0.10	3.53	-0.59	15.64	309.68	209.31
	621	-0.10	4.52	0.41	57.50	281.02	245.79
	61	0.14	4.52	0.29	61.70	240.63	261.53
	62	0.14	3.53	-0.23	112.87	186.65	224.51
396	620	-8.39e-003	4.07	-0.25	8.23	409.79	255.61
	619	-8.39e-003	5.26	0.48	43.25	394.20	259.31
	621	-0.10	5.26	0.68	41.65	312.87	239.19
	622	-0.10	4.07	-9.09e-002	18.90	331.23	235.52
397	618	0.15	4.35	-7.30e-002	15.10	510.92	276.06
	617	0.15	6.17	0.69	49.44	521.45	275.06
	619	-8.39e-003	6.17	0.46	49.48	425.74	264.50
	620	-8.39e-003	4.35	-0.22	10.31	454.10	265.41
398	288	-0.10	5.44	-0.38	86.88	421.33	253.68
	355	-0.10	6.49	0.26	83.76	523.36	222.41
	617	0.15	6.49	0.27	68.55	510.53	260.28
	618	0.15	5.44	-0.81	15.00	550.28	291.93
399	603	-0.26	1.86	-0.67	107.41	124.71	330.50
	616	-0.26	-1.82	-0.34	60.86	119.19	323.93
	357	0.14	-1.82	-0.68	29.06	211.83	342.87
	604	0.14	1.86	-0.38	105.63	175.26	349.79
400	602	0.11	1.61	-0.38	83.70	35.04	301.44
	615	0.11	-2.54	-0.59	20.84	77.55	318.63
	616	-0.26	-2.54	-0.24	60.70	90.73	339.23
	603	-0.26	1.61	-0.66	98.97	88.93	321.40
401	601	-2.23e-002	1.57	-0.28	55.81	25.94	279.32
	614	-2.23e-002	2.40	0.10	12.01	49.60	285.28
	615	0.11	2.40	-8.14e-002	12.18	70.81	303.35
	602	0.11	1.57	-0.33	74.78	41.55	296.90
402	600	-0.12	1.68	-0.29	40.71	23.02	269.84
	613	-0.12	2.45	0.13	10.93	37.96	274.81
	614	-2.23e-002	2.45	9.19e-002	5.50	50.50	282.04
	601	-2.23e-002	1.68	-0.24	54.86	30.34	276.87
403	599	-0.19	1.95	-0.57	44.32	25.16	250.89

	612	-0.19	2.18	0.37	54.41	54.07	269.04
	613	-0.12	2.18	-0.75	10.25	39.34	282.73
	600	-0.12	1.95	-0.25	44.95	32.53	264.56
404	598	0.10	2.14	-0.33	35.39	27.21	242.73
	611	0.10	3.28	-0.64	10.20	25.88	230.10
	612	-0.19	3.28	-0.28	54.62	54.25	240.11
	599	-0.19	2.14	-0.58	44.43	25.62	252.79
405	597	-7.34e-003	2.42	-0.30	26.48	22.41	247.01
	610	-7.34e-003	3.13	9.45e-002	4.14	22.70	247.47
	611	0.10	3.13	0.11	8.96	26.88	239.92
	598	0.10	2.42	-0.34	27.22	21.98	239.36
406	596	-0.10	2.69	-0.35	-33.08	28.58	258.07
	609	-0.10	3.25	0.12	-13.74	23.36	264.41
	610	-7.34e-003	3.25	0.10	5.09	24.39	253.83
	597	-7.34e-003	2.69	-0.30	27.02	21.80	247.52
407	595	0.14	2.99	-0.58	-69.33	32.60	230.28
	608	0.14	3.20	-0.30	-102.70	94.90	268.63
	609	-0.10	3.20	-0.68	-17.95	23.32	288.47
	596	-0.10	2.99	-0.32	-50.05	45.71	249.75
408	594	0.13	3.23	-0.27	-54.76	48.49	218.18
	607	0.13	4.22	-0.79	-18.16	22.44	182.72
	608	0.14	4.22	-0.37	-102.68	95.16	201.41
	595	0.14	3.23	-0.54	-70.19	30.04	237.42
409	593	-9.14e-003	3.54	-0.28	-32.75	32.17	222.96
	606	-9.14e-003	3.83	0.11	-6.12	23.80	217.62
	607	0.13	3.83	0.13	-14.62	25.29	205.25
	594	0.13	3.54	-0.41	-37.77	29.92	210.51
410	592	-0.10	3.81	-0.44	-31.22	42.90	234.60
	605	-0.10	3.80	0.13	-14.24	33.36	237.15
	606	-9.14e-003	3.80	0.11	-4.83	25.55	225.78
	593	-9.14e-003	3.81	-0.29	-32.29	30.81	223.32
411	348	-0.14	4.12	-0.44	-56.43	50.06	205.90
	283	-0.14	3.74	0.30	-95.27	110.91	238.16
	605	-0.10	3.74	-0.70	-15.28	32.51	258.98
	592	-0.10	4.12	-0.27	-46.52	58.80	226.43
412	591	-6.06e-002	2.94	-0.26	176.79	128.49	317.78
	603	-6.06e-002	1.86	-0.47	103.05	121.19	329.50
	604	0.43	1.86	-0.44	135.30	173.36	342.93
	356	0.43	2.94	-0.25	168.63	149.14	331.35
413	590	-0.20	1.79	-0.18	144.96	34.59	290.21
	602	-0.20	1.61	-0.42	88.46	32.61	300.22
	603	-6.06e-002	1.61	-0.47	120.55	78.95	321.57
	591	-6.06e-002	1.79	-0.17	151.01	51.22	311.29
414	589	-1.52e-002	1.39	-0.15	109.09	29.00	273.26
	601	-1.52e-002	1.57	-0.34	64.41	23.43	278.03
	602	-0.20	1.57	-0.33	86.82	30.99	290.85
	590	-0.20	1.39	-0.17	122.44	-15.53	285.51
415	588	0.23	1.51	-0.18	80.34	28.77	262.08
	600	0.23	1.68	-0.30	48.84	22.65	265.83
	601	-1.52e-002	1.68	-0.30	59.92	22.69	274.02
	589	-1.52e-002	1.51	-0.16	88.37	-15.56	270.02
416	587	-5.64e-002	1.79	-0.18	64.40	35.26	249.75
	599	-5.64e-002	1.95	-0.48	44.91	26.20	254.16
	600	0.23	1.95	-0.35	47.54	25.09	261.47
	588	0.23	1.79	-0.19	65.76	-15.38	256.99
417	586	-0.21	1.98	-0.25	54.41	40.56	242.08
	598	-0.21	2.14	-0.45	35.32	26.61	243.69
	599	-5.64e-002	2.14	-0.50	45.17	21.48	248.75
	587	-5.64e-002	1.98	-0.20	52.71	-8.85	247.09
418	585	-1.14e-002	2.19	-0.22	44.41	40.31	243.23

	597	-1.14e-002	2.42	-0.39	29.87	25.26	243.67
	598	-0.21	2.42	-0.41	36.78	19.12	242.93
	586	-0.21	2.19	-0.24	43.31	-11.37	242.45
419	584	0.21	2.48	-0.24	46.82	41.13	244.10
	596	0.21	2.69	-0.42	-47.31	31.82	248.71
	597	-1.14e-002	2.69	-0.39	32.80	19.62	248.41
	585	-1.14e-002	2.48	-0.21	43.03	-17.34	243.80
420	583	5.35e-002	2.77	-0.21	63.60	44.52	233.35
	595	5.35e-002	2.99	-0.50	-68.61	34.98	238.68
	596	0.21	2.99	-0.45	47.90	34.22	245.60
	584	0.21	2.77	-0.25	-61.27	-23.28	240.26
421	582	-0.25	3.02	-0.26	68.68	51.96	225.09
	594	-0.25	3.23	-0.37	-55.00	41.32	222.00
	595	5.35e-002	3.23	-0.47	-65.88	28.49	229.17
	583	5.35e-002	3.02	-0.21	-72.19	16.29	232.27
422	581	-1.01e-002	3.41	-0.22	51.82	49.19	225.78
	593	-1.01e-002	3.54	-0.39	-39.47	34.90	220.42
	594	-0.25	3.54	-0.43	-52.88	30.22	219.56
	582	-0.25	3.41	-0.25	-60.47	24.90	224.89
423	580	0.22	3.86	-0.27	45.14	50.88	225.80
	592	0.22	3.81	-0.45	-45.84	45.16	226.41
	593	-1.01e-002	3.81	-0.40	-37.58	31.46	226.43
	581	-1.01e-002	3.86	-0.22	-48.92	36.33	225.83
424	282	-4.25e-002	4.28	-0.22	49.98	56.08	212.16
	348	-4.25e-002	4.12	-0.38	-56.10	50.91	214.35
	592	0.22	4.12	-0.37	-43.46	49.35	223.27
	580	0.22	4.28	-0.28	-54.28	45.22	221.09
425	578	0.17	0.49	0.66	242.90	-78.26	291.94
	591	0.17	2.94	0.25	191.76	94.51	298.55
	356	-0.55	2.94	-0.12	182.17	117.74	316.27
	579	-0.55	0.49	0.51	349.29	162.33	307.53
426	577	0.16	0.62	-0.28	169.62	-56.12	270.23
	590	0.16	1.79	-0.15	151.12	53.69	282.56
	591	0.17	1.79	0.26	160.75	60.55	292.41
	578	0.17	0.62	0.44	242.19	46.88	277.44
427	576	5.10e-002	0.89	-0.31	117.48	-53.46	261.12
	589	5.10e-002	1.39	-0.21	105.71	-54.05	269.74
	590	0.16	1.39	-0.18	126.34	53.66	276.00
	577	0.16	0.89	-0.28	160.87	47.60	266.01
428	575	-2.92e-002	1.11	-0.42	82.98	-45.70	249.79
	588	-2.92e-002	1.51	-0.24	74.72	-48.70	257.22
	589	5.10e-002	1.51	-0.21	92.80	46.95	266.34
	576	5.10e-002	1.11	-0.39	105.92	-44.83	258.45
429	574	-2.08e-002	1.30	-0.48	62.51	-44.88	233.95
	587	-2.08e-002	1.79	-0.27	56.87	-49.23	240.91
	588	-2.92e-002	1.79	-0.24	70.86	46.82	252.62
	575	-2.92e-002	1.30	-0.46	72.27	-41.24	245.48
430	573	-2.15e-002	1.49	-0.52	50.12	-51.36	233.75
	586	-2.15e-002	1.98	-0.30	46.78	-52.50	239.23
	587	-2.08e-002	1.98	-0.28	60.12	60.55	237.53
	574	-2.08e-002	1.49	-0.51	52.78	47.16	231.89
431	572	-1.95e-002	1.68	-0.55	44.68	-47.30	237.22
	585	-1.95e-002	2.19	-0.30	43.15	-54.77	240.99
	586	-2.15e-002	2.19	-0.30	48.75	54.04	239.01
	573	-2.15e-002	1.68	-0.54	45.20	48.16	235.18
432	571	-2.70e-002	1.88	-0.57	49.34	-43.96	232.41
	584	-2.70e-002	2.48	-0.31	53.09	-49.22	238.46
	585	-1.95e-002	2.48	-0.30	43.11	48.14	242.78
	572	-1.95e-002	1.88	-0.56	46.79	-42.80	236.74
433	570	-1.97e-002	2.09	-0.57	60.76	-44.49	222.88

	583	-1.97e-002	2.77	-0.30	-61.42	-50.07	227.35
	584	-2.70e-002	2.77	-0.30	56.62	48.18	235.60
	571	-2.70e-002	2.09	-0.57	-52.07	-41.45	231.15
434	569	-2.58e-002	2.33	-0.56	56.22	-45.26	229.21
	582	-2.58e-002	3.02	-0.30	-65.84	-47.22	228.46
	583	-1.97e-002	3.02	-0.31	73.23	62.77	224.41
	570	-1.97e-002	2.33	-0.57	-52.14	-48.33	225.14
435	568	-1.96e-002	2.61	-0.57	49.74	-33.93	234.31
	581	-1.96e-002	3.41	-0.30	-54.90	-40.36	229.24
	582	-2.58e-002	3.41	-0.29	61.95	48.87	227.58
	569	-2.58e-002	2.61	-0.56	-56.71	-42.59	232.63
436	567	-2.66e-002	2.93	-0.59	46.27	-31.98	227.21
	580	-2.66e-002	3.86	-0.31	-53.65	-40.61	225.49
	581	-1.96e-002	3.86	-0.30	46.59	40.14	231.05
	568	-1.96e-002	2.93	-0.58	-54.43	-32.71	232.79
437	343	-2.02e-002	3.24	-0.59	46.67	-32.25	212.24
	282	-2.02e-002	4.28	-0.30	-50.88	-52.30	210.37
	580	-2.66e-002	4.28	-0.30	48.75	38.28	222.04
	567	-2.66e-002	3.24	-0.60	-49.70	-33.30	223.92
438	566	0.13	-1.96	-0.47	308.34	-49.07	285.70
	578	0.13	0.49	0.57	268.89	-86.58	287.56
	579	-1.61	0.49	-0.31	385.38	156.35	330.31
	364	-1.61	-1.96	-0.80	352.39	-88.26	317.69
439	565	0.18	-0.42	-0.52	192.24	-61.16	253.81
	577	0.18	0.62	-0.27	182.88	-61.59	266.12
	578	0.13	0.62	0.37	231.20	45.73	283.73
	566	0.13	-0.42	-0.31	282.83	-50.60	267.19
440	564	8.50e-002	0.40	-0.43	123.12	-55.24	245.45
	576	8.50e-002	0.89	-0.36	120.06	-55.00	256.76
	577	0.18	0.89	-0.36	153.78	-47.25	264.02
	565	0.18	0.40	-0.43	169.02	-51.91	251.68
441	563	-4.57e-002	0.68	-0.50	82.51	-47.82	237.56
	575	-4.57e-002	1.11	-0.48	81.43	-46.75	247.06
	576	8.50e-002	1.11	-0.44	102.98	-45.39	254.23
	564	8.50e-002	0.68	-0.46	108.55	-47.04	244.44
442	562	-3.18e-002	0.85	-0.52	58.85	-45.38	228.06
	574	-3.18e-002	1.30	-0.53	58.94	-45.59	234.59
	575	-4.57e-002	1.30	-0.52	71.43	-41.81	242.14
	563	-4.57e-002	0.85	-0.51	73.80	-42.69	235.48
443	561	-2.46e-002	9.96e-001	-0.55	47.24	-47.50	227.16
	573	-2.46e-002	1.49	-0.56	47.58	50.30	231.82
	574	-3.18e-002	1.49	-0.55	53.58	-45.90	232.18
	562	-3.18e-002	9.96e-001	-0.54	54.69	-45.29	227.45
444	560	-2.14e-002	1.14	-0.57	44.19	-44.58	228.91
	572	-2.14e-002	1.68	-0.59	45.28	-46.39	233.97
	573	-2.46e-002	1.68	-0.58	44.90	-46.91	233.49
	561	-2.46e-002	1.14	-0.56	46.11	-45.14	228.42
445	559	-2.58e-002	1.28	-0.59	46.86	-42.09	227.10
	571	-2.58e-002	1.88	-0.62	49.93	-43.45	231.54
	572	-2.14e-002	1.88	-0.61	44.76	-42.58	233.74
	560	-2.14e-002	1.28	-0.58	46.01	-41.58	229.31
446	558	-2.40e-002	1.43	-0.61	-50.33	-41.79	224.81
	570	-2.40e-002	2.09	-0.62	-51.94	-44.12	226.55
	571	-2.58e-002	2.09	-0.62	50.58	-41.38	228.91
	559	-2.58e-002	1.43	-0.60	48.64	-40.64	227.19
447	557	-2.07e-002	1.60	-0.62	-48.87	-40.57	230.74
	569	-2.07e-002	2.33	-0.63	-53.65	-44.03	230.66
	570	-2.40e-002	2.33	-0.62	-55.07	-45.84	226.95
	558	-2.40e-002	1.60	-0.62	-48.18	-43.06	227.03
448	556	-1.87e-002	1.79	-0.64	-48.83	-32.43	234.53

	568	-1.87e-002	2.61	-0.64	-52.42	-33.81	234.20
	569	-2.07e-002	2.61	-0.63	-52.37	-40.75	233.26
	557	-2.07e-002	1.79	-0.63	-50.23	-38.15	233.59
449	555	-2.55e-002	1.99	-0.66	-46.99	-29.37	230.27
	567	-2.55e-002	2.93	-0.66	-49.92	-31.07	228.85
	568	-1.87e-002	2.93	-0.65	-50.12	-32.22	232.99
	556	-1.87e-002	1.99	-0.65	-50.67	-31.02	234.41
450	290	-2.35e-002	2.22	-0.67	-42.55	-28.49	221.97
	343	-2.35e-002	3.24	-0.67	-42.58	-30.27	218.30
	567	-2.55e-002	3.24	-0.67	-47.32	-31.99	224.59
	555	-2.55e-002	2.22	-0.67	-46.92	-29.12	228.26
451	553	0.35	-0.27	-0.87	270.18	-69.19	-254.91
	566	0.35	-1.96	-0.84	321.93	-84.81	281.40
	364	-3.98	-1.96	-1.76	636.46	89.01	299.26
	554	-3.98	-0.27	-1.79	288.23	42.03	-285.93
452	552	0.21	-0.55	-0.91	167.01	-60.87	-234.29
	565	0.21	-0.42	-0.67	187.55	-64.77	247.58
	566	0.35	-0.42	-0.64	262.32	-51.32	260.72
	553	0.35	-0.55	-0.87	227.36	-46.24	-249.62
453	551	0.11	0.22	-0.70	112.57	-55.24	226.94
	564	0.11	0.40	-0.51	119.80	-56.89	240.10
	565	0.21	0.40	-0.58	163.57	-51.29	245.13
	552	0.21	0.22	-0.77	146.00	-49.74	232.64
454	550	7.13e-002	0.31	-0.64	77.88	-48.52	222.53
	563	7.13e-002	0.68	-0.56	80.41	-49.02	233.76
	564	0.11	0.68	-0.55	106.74	-46.49	238.24
	551	0.11	0.31	-0.62	98.91	-45.97	227.18
455	549	4.50e-002	0.41	-0.65	56.77	-44.97	218.37
	562	4.50e-002	0.85	-0.58	58.11	-45.81	226.07
	563	7.13e-002	0.85	-0.57	72.70	-42.56	230.34
	550	7.13e-002	0.41	-0.64	69.62	-42.57	222.68
456	548	3.00e-002	0.48	-0.67	46.09	-44.26	218.97
	561	3.00e-002	9.96e-001	-0.61	46.89	-46.59	224.59
	562	4.50e-002	9.96e-001	-0.59	53.68	-44.17	224.65
	549	4.50e-002	0.48	-0.66	52.84	-42.71	219.03
457	547	-2.29e-002	0.55	-0.70	42.33	-41.72	220.97
	560	-2.29e-002	1.14	-0.63	44.19	-43.83	226.52
	561	3.00e-002	1.14	-0.62	45.03	-43.70	225.81
	548	3.00e-002	0.55	-0.68	44.40	-41.51	220.29
458	546	-2.26e-002	0.62	-0.72	-43.04	-39.33	221.69
	559	-2.26e-002	1.28	-0.65	45.99	-41.34	225.91
	560	-2.29e-002	1.28	-0.64	43.95	-40.71	226.50
	547	-2.29e-002	0.62	-0.71	-42.58	-39.07	222.30
459	545	-2.06e-002	0.69	-0.74	-44.65	-38.02	223.45
	558	-2.06e-002	1.43	-0.67	-46.69	-40.65	225.16
	559	-2.26e-002	1.43	-0.66	-46.70	-39.86	224.87
	546	-2.26e-002	0.69	-0.73	-43.41	-38.04	223.19
460	544	-2.10e-002	0.77	-0.77	-44.63	-35.86	229.57
	557	-2.10e-002	1.60	-0.69	-48.19	-38.96	230.43
	558	-2.06e-002	1.60	-0.68	-48.19	-41.12	226.60
	545	-2.06e-002	0.77	-0.76	-43.82	-37.85	225.76
461	543	-2.19e-002	0.87	-0.79	-45.47	-30.62	233.49
	556	-2.19e-002	1.79	-0.72	-49.45	-31.99	234.66
	557	-2.10e-002	1.79	-0.70	-47.39	-36.61	233.04
	544	-2.10e-002	0.87	-0.78	-45.76	-33.98	231.88
462	542	-2.43e-002	0.96	-0.82	-45.19	-27.42	231.91
	555	-2.43e-002	1.99	-0.73	-47.64	-28.75	231.45
	556	-2.19e-002	1.99	-0.72	-47.67	-30.55	233.94
	543	-2.19e-002	0.96	-0.81	-46.95	-29.33	234.39
463	338	-2.10e-002	1.07	-0.84	-42.19	-26.10	227.36

	290	-2.10e-002	2.22	-0.75	-41.56	-27.69	224.43
	555	-2.43e-002	2.22	-0.74	-45.72	-28.37	228.44
	542	-2.43e-002	1.07	-0.83	-44.97	-26.98	231.37
464	540	-0.22	0.19	-1.50	167.54	56.77	-243.94
	553	-0.22	-0.27	-1.57	223.53	-49.27	-248.61
	554	-0.69	-0.27	-0.29	254.71	12.09	-276.15
	541	-0.69	0.19	-0.22	191.92	11.60	-272.01
465	539	0.10	0.39	-0.90	131.32	-55.50	-212.96
	552	0.10	-0.55	-0.89	153.84	-56.07	-229.00
	553	-0.22	-0.55	-1.57	198.29	-48.54	-244.16
	540	-0.22	0.39	-1.58	166.34	42.98	-230.48
466	538	0.11	-0.25	-0.80	97.06	-50.23	-208.35
	551	0.11	0.22	-0.77	106.40	-53.18	222.35
	552	0.10	0.22	-0.75	140.84	-49.54	-226.02
	539	0.10	-0.25	-0.79	119.43	44.98	-212.93
467	537	7.76e-002	-0.27	-0.69	70.92	-45.53	208.16
	550	7.76e-002	0.31	-0.66	75.10	-47.46	219.28
	551	0.11	0.31	-0.69	97.60	-45.67	220.90
	538	0.11	-0.27	-0.72	86.87	-42.70	-210.11
468	536	5.18e-002	-0.29	-0.70	53.33	-42.28	208.47
	549	5.18e-002	0.41	-0.67	55.91	-44.06	216.42
	550	7.76e-002	0.41	-0.66	68.92	-42.22	217.54
	537	7.76e-002	-0.29	-0.69	64.18	-40.36	209.71
469	535	3.51e-002	-0.29	-0.72	-43.37	-40.36	210.85
	548	3.51e-002	0.48	-0.69	45.37	-42.76	216.76
	549	5.18e-002	0.48	-0.68	51.87	-41.59	215.89
	536	5.18e-002	-0.29	-0.71	-49.76	-39.38	210.04
470	534	2.69e-002	-0.28	-0.75	-38.76	-37.90	214.07
	547	2.69e-002	0.55	-0.72	-41.45	-40.21	219.12
	548	3.51e-002	0.55	-0.71	43.49	-40.19	217.66
	535	3.51e-002	-0.28	-0.73	-41.47	-37.76	212.65
471	533	2.57e-002	-0.26	-0.77	-37.98	-35.68	217.10
	546	2.57e-002	0.62	-0.75	-41.44	-37.94	220.90
	547	2.69e-002	0.62	-0.73	-41.04	-37.91	219.71
	534	2.69e-002	-0.26	-0.76	-38.25	-35.72	215.94
472	532	2.64e-002	-0.25	-0.79	-38.91	-33.97	221.19
	545	2.64e-002	0.69	-0.77	-42.16	-36.54	223.38
	546	2.57e-002	0.69	-0.76	-41.86	-36.68	221.32
	533	2.57e-002	-0.25	-0.78	-38.04	-34.38	219.15
473	531	2.73e-002	-0.23	-0.82	-39.93	-31.83	227.21
	544	2.73e-002	0.77	-0.79	-43.70	-34.34	228.90
	545	2.64e-002	0.77	-0.78	-42.90	-35.92	225.23
	532	2.64e-002	-0.23	-0.81	-38.91	-33.16	223.57
474	530	2.93e-002	-0.23	-0.85	-41.47	-28.62	231.63
	543	2.93e-002	0.87	-0.82	-45.42	-29.94	233.36
	544	2.73e-002	0.87	-0.81	-43.51	-32.56	231.15
	531	2.73e-002	-0.23	-0.83	-40.92	-30.48	229.44
475	529	3.05e-002	-0.23	-0.87	-42.53	-26.16	232.24
	542	3.05e-002	0.96	-0.85	-45.22	-27.00	232.89
	543	2.93e-002	0.96	-0.84	-44.54	-28.66	233.54
	530	2.93e-002	-0.23	-0.86	-42.81	-27.64	232.90
476	335	2.76e-002	-0.25	-0.89	-41.96	-24.65	229.71
	338	2.76e-002	1.07	-0.87	-42.24	-25.52	228.85
	542	3.05e-002	1.07	-0.86	-44.01	-26.49	231.35
	529	3.05e-002	-0.25	-0.88	-43.06	-25.72	232.21
477	528	-0.48	1.59	-0.87	-210.55	57.94	-173.19
	540	-0.48	0.19	-0.87	-182.66	73.23	-233.58
	541	2.92	0.19	-1.44	-204.03	-24.43	-286.90
	365	2.92	1.59	-1.43	-408.02	106.32	-223.58
478	527	-0.22	0.33	-0.75	-126.44	51.11	-182.82

	539	-0.22	0.39	-0.96	127.33	54.11	-207.69
	540	-0.48	0.39	-0.96	-153.42	43.83	-219.16
	528	-0.48	0.33	-0.75	-177.65	58.42	-193.07
479	526	0.11	-0.42	-0.62	-88.88	44.28	-188.65
	538	0.11	-0.25	-0.79	93.16	-47.81	-204.15
	539	-0.22	-0.25	-0.85	115.65	-44.08	-204.07
	527	-0.22	-0.42	-0.68	-114.25	42.37	-188.44
480	525	7.24e-002	-0.61	-0.64	-65.39	-40.66	194.13
	537	7.24e-002	-0.27	-0.70	68.76	-43.66	205.09
	538	0.11	-0.27	-0.70	85.91	-41.68	-203.37
	526	0.11	-0.61	-0.64	-80.40	-38.06	-192.50
481	524	5.22e-002	-0.69	-0.65	-49.82	-37.95	198.53
	536	5.22e-002	-0.29	-0.71	-52.44	-40.64	206.38
	537	7.24e-002	-0.29	-0.70	63.57	-39.33	204.65
	525	7.24e-002	-0.69	-0.64	-59.70	-36.45	196.87
482	523	3.90e-002	-0.75	-0.68	-40.18	-35.84	203.17
	535	3.90e-002	-0.29	-0.73	-42.47	-38.55	208.97
	536	5.22e-002	-0.29	-0.72	-48.86	-37.99	206.63
	524	5.22e-002	-0.75	-0.67	-46.43	-35.40	200.89
483	522	3.30e-002	-0.79	-0.70	-34.79	-33.64	207.98
	534	3.30e-002	-0.28	-0.76	-37.55	-36.12	212.57
	535	3.90e-002	-0.28	-0.74	-40.48	-36.25	210.01
	523	3.90e-002	-0.79	-0.69	-38.14	-33.86	205.45
484	521	3.26e-002	-0.84	-0.72	-32.73	-31.83	212.71
	533	3.26e-002	-0.26	-0.78	-36.28	-34.05	216.23
	534	3.30e-002	-0.26	-0.77	-36.77	-34.24	213.71
	522	3.30e-002	-0.84	-0.71	-33.89	-32.14	210.22
485	520	3.49e-002	-0.90	-0.74	-32.94	30.36	218.04
	532	3.49e-002	-0.25	-0.80	-36.83	-32.42	220.61
	533	3.26e-002	-0.25	-0.79	-36.27	-32.79	217.56
	521	3.26e-002	-0.90	-0.73	-32.66	-30.78	215.01
486	519	3.82e-002	-0.97	-0.76	-34.33	28.88	224.05
	531	3.82e-002	-0.23	-0.83	-38.55	-30.50	226.35
	532	3.49e-002	-0.23	-0.82	-37.17	-31.45	222.71
	520	3.49e-002	-0.97	-0.75	-33.33	-29.51	220.43
487	518	4.09e-002	-1.05	-0.78	-36.60	27.17	228.71
	530	4.09e-002	-0.23	-0.85	-40.85	-27.91	231.07
	531	3.82e-002	-0.23	-0.84	-38.63	-29.20	228.51
	519	3.82e-002	-1.05	-0.77	-35.41	27.86	226.16
488	517	4.02e-002	-1.16	-0.80	-39.11	25.60	230.44
	529	4.02e-002	-0.23	-0.87	-42.41	-25.82	232.31
	530	4.09e-002	-0.23	-0.86	-40.52	-26.92	231.92
	518	4.09e-002	-1.16	-0.79	-38.17	26.24	230.06
489	291	3.58e-002	-1.29	-0.82	-41.34	-24.34	228.79
	335	3.58e-002	-0.25	-0.89	-42.44	-24.38	230.00
	529	4.02e-002	-0.25	-0.88	-41.75	-25.26	231.73
	517	4.02e-002	-1.29	-0.81	-40.60	-24.82	230.52
490	515	-0.22	0.39	-0.48	-195.12	105.01	142.12
	528	-0.22	1.59	-0.53	-215.01	40.99	168.92
	365	1.23	1.59	-0.64	-233.55	121.40	141.10
	516	1.23	0.39	-0.33	-328.59	-116.45	128.77
491	514	-0.19	-0.56	-0.42	-126.75	48.60	158.51
	527	-0.19	0.33	-0.63	-130.17	48.40	-178.35
	528	-0.22	0.33	-0.44	-186.23	58.44	165.99
	515	-0.22	-0.56	-0.36	-165.66	43.57	147.99
492	513	8.68e-002	-0.84	-0.56	-86.55	-37.45	172.18
	526	8.68e-002	-0.42	-0.57	-88.68	41.03	-184.68
	527	-0.19	-0.42	-0.57	-114.49	41.62	-177.00
	514	-0.19	-0.84	-0.56	-107.73	36.26	164.64
493	512	5.53e-002	-1.00	-0.67	-62.87	-36.12	182.10

	525	5.53e-002	-0.61	-0.61	-65.03	-38.16	190.93
	526	8.68e-002	-0.61	-0.59	-80.45	-37.03	-185.65
	513	8.68e-002	-1.00	-0.64	-75.84	32.74	176.84
494	511	4.66e-002	-1.12	-0.71	-48.35	-34.92	189.84
	524	4.66e-002	-0.69	-0.62	-49.73	-35.86	196.10
	525	5.53e-002	-0.69	-0.61	-59.46	-35.27	191.87
	512	5.53e-002	-1.12	-0.70	-56.59	31.16	185.63
495	510	4.03e-002	-1.23	-0.74	-39.42	-33.31	196.57
	523	4.03e-002	-0.75	-0.65	-39.83	-33.91	201.09
	524	4.66e-002	-0.75	-0.63	-46.11	-34.02	197.24
	511	4.66e-002	-1.23	-0.73	-44.33	30.46	192.73
496	509	3.71e-002	-1.34	-0.76	-34.04	-31.52	202.81
	522	3.71e-002	-0.79	-0.67	-33.94	-31.92	206.21
	523	4.03e-002	-0.79	-0.66	-37.93	-32.41	202.58
	510	4.03e-002	-1.34	-0.75	-36.51	29.62	199.19
497	508	3.76e-002	-1.45	-0.78	-31.36	-29.89	208.57
	521	3.76e-002	-0.84	-0.69	-31.30	-30.34	211.23
	522	3.71e-002	-0.84	-0.68	-33.51	-30.74	207.84
	509	3.71e-002	-1.45	-0.77	-31.89	28.95	205.19
498	507	4.01e-002	-1.56	-0.80	-30.79	-28.42	214.33
	520	4.01e-002	-0.90	-0.70	-31.01	29.09	216.62
	521	3.76e-002	-0.90	-0.70	-32.02	-29.42	213.10
	508	3.76e-002	-1.56	-0.79	-29.84	28.69	210.82
499	506	4.31e-002	-1.70	-0.81	-31.75	-27.16	220.06
	519	4.31e-002	-0.97	-0.72	-32.41	27.90	222.36
	520	4.01e-002	-0.97	-0.71	-32.51	28.31	218.88
	507	4.01e-002	-1.70	-0.80	-29.73	28.64	216.59
500	505	4.45e-002	-1.86	-0.82	-34.06	-25.81	224.37
	518	4.45e-002	-1.05	-0.73	-35.13	26.57	227.06
	519	4.31e-002	-1.05	-0.73	-34.26	27.08	224.53
	506	4.31e-002	-1.86	-0.81	-31.22	28.49	221.84
501	504	4.34e-002	-2.06	-0.82	-37.38	-24.65	226.27
	517	4.34e-002	-1.16	-0.74	-38.31	25.26	229.00
	518	4.45e-002	-1.16	-0.74	-37.01	25.86	228.31
	505	4.45e-002	-2.06	-0.81	-34.13	28.11	225.58
502	330	3.84e-002	-2.30	-0.82	-42.18	-24.09	224.46
	291	3.84e-002	-1.29	-0.76	-41.54	-24.20	227.42
	517	4.34e-002	-1.29	-0.75	-40.06	24.64	228.95
	504	4.34e-002	-2.30	-0.81	-37.99	26.87	225.99
503	503	-0.20	-2.32	-0.23	-128.74	-69.42	129.86
	515	-0.20	0.39	-0.57	-182.76	96.39	138.53
	516	0.46	0.39	-0.48	-299.47	-114.92	122.79
	361	0.46	-2.32	-0.14	-105.64	-73.15	118.21
504	502	-0.16	-1.54	-0.24	-107.82	52.88	146.24
	514	-0.16	-0.56	-0.38	-123.54	44.31	154.59
	515	-0.20	-0.56	-0.40	-172.10	39.62	139.15
	503	-0.20	-1.54	-0.24	-116.71	-27.53	133.28
505	501	5.69e-002	-1.32	-0.33	-80.06	45.72	161.90
	513	5.69e-002	-0.84	-0.54	-86.90	34.36	171.18
	514	-0.16	-0.84	-0.49	-111.18	32.83	157.23
	502	-0.16	-1.32	-0.28	-99.64	-40.87	148.52
506	500	4.38e-002	-1.40	-0.37	-59.24	49.17	176.06
	512	4.38e-002	-1.00	-0.65	-65.02	-32.72	183.03
	513	5.69e-002	-1.00	-0.62	-78.26	-31.36	173.25
	501	5.69e-002	-1.40	-0.34	-77.45	-54.45	166.34
507	499	4.29e-002	-1.55	-0.39	-46.60	51.97	187.51
	511	4.29e-002	-1.12	-0.69	-51.93	-31.45	192.08
	512	4.38e-002	-1.12	-0.68	-57.45	-30.46	184.73
	500	4.38e-002	-1.55	-0.38	-62.62	-59.50	180.15
508	498	3.93e-002	-1.72	-0.41	-39.34	55.56	196.73

	510	3.93e-002	-1.23	-0.73	-44.16	-30.14	199.53
	511	4.29e-002	-1.23	-0.71	-44.57	-29.91	193.72
	499	4.29e-002	-1.72	-0.40	-53.34	-61.88	190.90
509	497	3.66e-002	-1.89	-0.43	-35.60	58.96	204.43
	509	3.66e-002	-1.34	-0.75	-39.47	-28.91	206.22
	510	3.93e-002	-1.34	-0.74	-36.47	-28.87	201.38
	498	3.93e-002	-1.89	-0.41	-47.13	-61.36	199.57
510	496	3.67e-002	-2.05	-0.43	-34.08	62.75	210.98
	508	3.67e-002	-1.45	-0.77	-37.10	27.98	212.24
	509	3.66e-002	-1.45	-0.77	-31.66	27.96	208.17
	497	3.66e-002	-2.05	-0.43	-43.18	-60.31	206.88
511	495	3.83e-002	-2.23	-0.44	-33.97	66.23	216.77
	507	3.83e-002	-1.56	-0.78	-36.51	27.35	217.97
	508	3.67e-002	-1.56	-0.78	-29.35	27.33	214.36
	496	3.67e-002	-2.23	-0.43	-40.78	-58.17	213.16
512	494	4.02e-002	-2.42	-0.43	-34.00	67.84	221.72
	506	4.02e-002	-1.70	-0.78	-37.43	26.82	223.41
	507	3.83e-002	-1.70	-0.79	-28.66	26.94	220.41
	495	3.83e-002	-2.42	-0.43	-39.80	-55.12	218.72
513	493	4.09e-002	-2.66	-0.42	-34.43	69.04	224.96
	505	4.09e-002	-1.86	-0.78	-40.10	26.21	227.40
	506	4.02e-002	-1.86	-0.79	-29.18	26.55	225.57
	494	4.02e-002	-2.66	-0.43	-40.19	-53.02	223.14
514	492	3.97e-002	-2.94	-0.40	-36.11	66.31	225.80
	504	3.97e-002	-2.06	-0.77	-43.95	25.24	229.09
	505	4.09e-002	-2.06	-0.78	-30.98	26.05	229.04
	493	4.09e-002	-2.94	-0.41	-42.00	-50.19	225.75
515	287	3.59e-002	-3.29	-0.39	-40.87	63.75	223.20
	330	3.59e-002	-2.30	-0.76	-48.23	-24.83	227.05
	504	3.97e-002	-2.30	-0.77	-34.45	24.85	229.16
	492	3.97e-002	-3.29	-0.40	-46.47	-51.07	225.30
516	489	6.27e-002	-0.74	-0.42	-47.15	-77.20	132.67
	503	6.27e-002	-2.32	-0.28	-99.35	-95.60	134.41
	361	-0.33	-2.32	-0.21	-89.83	-111.94	122.38
	491	-0.33	-0.74	-0.44	-56.36	-121.89	120.55
517	487	6.82e-002	-0.83	-0.45	-48.90	-32.37	139.84
	502	6.82e-002	-1.54	-0.21	-91.64	-29.46	143.17
	503	6.27e-002	-1.54	-0.24	-98.69	-38.11	138.59
	489	6.27e-002	-0.83	-0.45	-48.23	-59.10	135.58
518	485	4.44e-002	-0.93	-0.44	-43.86	-19.34	151.85
	501	4.44e-002	-1.32	-0.29	-73.40	-28.13	156.55
	502	6.82e-002	-1.32	-0.27	-87.67	15.57	145.33
	487	6.82e-002	-0.93	-0.41	-47.38	-30.26	141.42
519	483	4.61e-002	-1.10	-0.42	-35.58	-15.44	165.83
	500	4.61e-002	-1.40	-0.35	-57.42	-33.42	170.83
	501	4.44e-002	-1.40	-0.33	-69.04	13.49	159.86
	485	4.44e-002	-1.10	-0.41	-40.48	-21.46	155.22
520	481	2.85e-002	-1.32	-0.45	-28.15	-15.87	178.91
	499	2.85e-002	-1.55	-0.38	-46.67	-39.35	182.76
	500	4.61e-002	-1.55	-0.37	-53.57	12.02	173.69
	483	4.61e-002	-1.32	-0.44	-32.57	-18.46	169.95
521	479	3.27e-002	-1.57	-0.48	-22.92	-17.89	189.73
	498	3.27e-002	-1.72	-0.41	-39.72	-43.61	192.21
	499	2.85e-002	-1.72	-0.39	-43.59	11.04	185.21
	481	2.85e-002	-1.57	-0.46	-25.97	-18.97	182.75
522	477	2.40e-002	-1.83	-0.50	-19.78	-20.35	198.44
	497	2.40e-002	-1.89	-0.41	-35.48	-47.78	199.98
	498	3.27e-002	-1.89	-0.41	-37.39	10.24	194.42
	479	3.27e-002	-1.83	-0.50	-21.49	-21.05	192.88
523	475	3.60e-002	-2.11	-0.52	-17.90	-22.80	205.25

	496	3.60e-002	-2.05	-0.44	-33.11	-51.06	206.34
	497	2.40e-002	-2.05	-0.42	-33.83	9.82	202.01
	477	2.40e-002	-2.11	-0.51	-18.64	-23.49	200.91
524	473	-3.35e-002	-2.38	-0.50	-16.61	-25.68	210.53
	495	-3.35e-002	-2.23	-0.42	-32.11	-54.13	211.72
	496	3.60e-002	-2.23	-0.44	-32.08	9.95	208.32
	475	3.60e-002	-2.38	-0.52	-16.83	-25.99	207.12
525	471	-5.94e-002	-2.66	-0.50	-15.70	-29.29	213.96
	494	-5.94e-002	-2.42	-0.42	-31.90	-56.54	215.93
	495	-3.35e-002	-2.42	-0.42	-31.48	11.25	213.78
	473	-3.35e-002	-2.66	-0.49	-15.62	-28.74	211.80
526	469	-4.56e-002	-2.92	-0.43	-15.53	-34.06	215.30
	493	-4.56e-002	-2.66	-0.40	-32.75	-58.76	218.36
	494	-5.94e-002	-2.66	-0.42	-31.52	-14.60	217.75
	471	-5.94e-002	-2.92	-0.46	-15.21	-32.23	214.69
527	467	-5.68e-002	-3.18	-0.40	-17.16	-40.23	214.04
	492	-5.68e-002	-2.94	-0.36	-35.66	-61.15	218.51
	493	-4.56e-002	-2.94	-0.39	-32.68	-19.95	219.93
	469	-4.56e-002	-3.18	-0.42	-16.23	-36.74	215.47
528	325	-2.67e-002	-3.43	-0.37	-21.78	-47.80	209.74
	287	-2.67e-002	-3.29	-0.36	-40.81	-63.82	215.21
	492	-5.68e-002	-3.29	-0.36	-36.17	-26.95	219.14
	467	-5.68e-002	-3.43	-0.37	-19.24	-42.53	213.66
529	490	0.17	1.41	0.10	-6.45	-81.89	127.29
	489	0.17	-0.74	-0.40	-33.95	-75.26	131.49
	491	-8.90e-002	-0.74	-0.40	-32.26	-119.69	120.55
	360	-8.90e-002	1.41	7.65e-002	-7.94	-115.05	116.18
530	488	3.73e-002	-1.20	-7.05e-002	-6.75	-51.27	137.47
	487	3.73e-002	-0.83	-0.39	-33.38	-36.65	140.34
	489	0.17	-0.83	-0.41	-34.13	-61.92	133.41
	490	0.17	-1.20	-6.32e-002	-6.05	-68.94	130.46
531	486	0.14	-1.24	6.73e-002	-6.46	-38.82	148.92
	485	0.14	-0.93	-0.33	-29.54	-25.11	149.28
	487	3.73e-002	-0.93	-0.34	-32.29	-32.34	140.59
	488	3.73e-002	-1.24	6.07e-002	-6.05	-46.33	140.35
532	484	-9.95e-003	-1.38	-6.50e-002	-5.65	-31.07	162.07
	483	-9.95e-003	-1.10	-0.30	-24.15	-19.54	162.79
	485	0.14	-1.10	-0.30	-28.41	-22.81	152.39
	486	0.14	-1.38	-5.16e-002	-5.23	-36.44	151.77
533	482	0.10	-1.58	5.65e-002	-4.68	-26.09	174.82
	481	0.10	-1.32	-0.32	-19.26	-17.40	175.96
	483	-9.95e-003	-1.32	-0.32	-23.18	-19.34	166.13
	484	-9.95e-003	-1.58	5.69e-002	-4.37	-29.47	165.05
534	480	-8.05e-003	-1.81	-5.37e-002	-3.78	-23.90	185.79
	479	-8.05e-003	-1.57	-0.34	-15.68	-17.85	186.95
	481	0.10	-1.57	-0.32	-18.56	-19.40	178.75
	482	0.10	-1.81	-3.52e-002	-3.59	-25.21	177.60
535	478	6.08e-002	-2.10	3.46e-002	-3.08	-23.80	194.61
	477	6.08e-002	-1.83	-0.35	-13.36	-19.53	195.65
	479	-8.05e-003	-1.83	-0.36	-15.21	-21.23	189.15
	480	-8.05e-003	-2.10	3.18e-002	-3.02	-23.47	188.12
536	476	-5.08e-003	-2.41	-3.08e-002	-2.59	-24.97	201.45
	475	-5.08e-003	-2.11	-0.38	-11.86	-21.65	202.41
	477	6.08e-002	-2.11	-0.36	-13.03	-23.65	197.42
	478	6.08e-002	-2.41	-2.66e-002	-2.60	-23.59	196.46
537	474	-0.11	-2.77	3.58e-002	-2.25	-27.13	206.48
	473	-0.11	-2.38	-0.35	-10.83	-24.29	207.46
	475	-5.08e-003	-2.38	-0.37	-11.62	-26.25	203.84
	476	-5.08e-003	-2.77	-6.01e-002	-2.27	-24.89	202.86
538	472	1.42e-002	-3.08	5.89e-002	-2.00	-30.53	209.61

	471	1.42e-002	-2.66	-0.35	-10.21	-27.75	210.73
	473	-0.11	-2.66	-0.34	-10.64	-29.27	208.57
	474	-0.11	-3.08	6.42e-002	-2.04	-27.26	207.46
539	470	-0.20	-3.40	-7.95e-002	-1.91	-35.64	210.62
	469	-0.20	-2.92	-0.30	-10.44	-32.45	211.93
	471	1.42e-002	-2.92	-0.31	-10.14	-33.12	211.46
	472	1.42e-002	-3.40	-0.11	-2.01	-31.04	210.15
540	468	1.87e-002	-3.63	0.12	-2.06	-42.79	209.16
	467	1.87e-002	-3.18	-0.27	-12.15	-38.65	210.69
	469	-0.20	-3.18	-0.28	-10.61	-38.12	212.20
	470	-0.20	-3.63	9.36e-002	-2.34	-36.71	210.67
541	286	-0.14	-3.77	-6.80e-002	-2.93	-51.86	205.00
	325	-0.14	-3.43	-0.26	-14.96	-46.42	206.63
	467	1.87e-002	-3.43	-0.25	-12.66	-44.54	210.30
	468	1.87e-002	-3.77	-5.99e-002	-3.00	-44.41	208.66
542	453	0.14	0.60	0.30	-42.89	55.52	-94.42
	466	0.14	-1.58	-6.32e-002	-13.75	56.20	-87.28
	359	-1.54e-002	-1.58	-0.12	-17.09	63.90	-73.19
	454	-1.54e-002	0.60	0.22	-59.36	51.93	-79.02
543	452	2.30e-002	-0.81	0.26	-27.40	62.51	-108.23
	465	2.30e-002	-1.82	6.66e-002	-9.94	57.39	-104.22
	466	0.14	-1.82	6.87e-002	-7.83	57.90	-91.90
	453	0.14	-0.81	0.29	-39.12	56.39	-95.67
544	451	0.13	-1.04	0.25	-12.29	46.59	118.87
	464	0.13	-2.01	-7.05e-002	-5.33	51.32	-112.86
	465	2.30e-002	-2.01	-7.10e-002	-5.34	55.71	-106.14
	452	2.30e-002	-1.04	0.25	-27.84	53.82	112.04
545	450	-2.78e-002	-1.32	0.27	5.40	63.53	-117.66
	463	-2.78e-002	-2.17	6.53e-002	1.64	64.62	-113.32
	464	0.13	-2.17	4.49e-002	1.73	52.66	-113.61
	451	0.13	-1.32	0.25	-14.64	49.86	-118.17
546	449	0.11	-1.63	0.35	-7.89	81.33	-111.67
	462	0.11	-2.40	-5.66e-002	1.53	86.21	-112.17
	463	-2.78e-002	-2.40	-6.75e-002	1.21	70.13	-113.59
	450	-2.78e-002	-1.63	0.34	6.24	78.99	-113.04
547	448	2.71e-002	-1.99	0.36	-11.24	-95.04	-115.35
	461	2.71e-002	-2.69	4.16e-002	-2.79	-108.89	-116.07
	462	0.11	-2.69	3.80e-002	-3.56	87.05	-112.31
	449	0.11	-1.99	0.35	-7.87	-89.70	-111.62
548	447	6.39e-002	-2.37	0.30	-7.00	-149.55	-122.72
	460	6.39e-002	-2.95	-4.73e-002	-2.34	-156.71	-119.80
	461	2.71e-002	-2.95	-2.90e-002	-3.53	-119.16	-116.28
	448	2.71e-002	-2.37	0.33	-14.30	-116.17	-119.13
549	446	-9.23e-003	-2.80	0.32	-5.47	-215.56	-123.19
	459	-9.23e-003	-3.11	2.76e-002	1.14	-217.64	-120.61
	460	6.39e-002	-3.11	3.76e-002	-2.14	-174.05	-120.26
	447	6.39e-002	-2.80	0.29	-10.85	-176.81	-122.89
550	445	-0.10	-3.24	0.31	-14.15	-262.97	-121.27
	458	-0.10	-3.33	-3.09e-002	1.16	-272.86	-122.10
	459	-9.23e-003	-3.33	-4.40e-002	-2.71	-232.61	-121.27
	446	-9.23e-003	-3.24	0.33	-8.55	-240.48	-120.44
551	444	4.68e-002	-3.70	0.28	-24.17	-307.40	-128.91
	457	4.68e-002	-3.48	-7.98e-002	-3.86	-329.73	-129.95
	458	-0.10	-3.48	-7.09e-002	-6.90	-282.96	-122.96
	445	-0.10	-3.70	0.29	-16.36	-280.55	-122.08
552	443	-0.21	-4.16	0.17	-21.32	-391.85	-143.39
	456	-0.21	-3.54	5.80e-002	-4.47	-409.80	-138.80
	457	4.68e-002	-3.54	0.10	-6.76	-349.25	-130.71
	444	4.68e-002	-4.16	0.19	-29.37	-339.51	-135.01
553	442	-7.74e-002	-4.55	0.18	-12.73	-483.01	-141.84

	455	-7.74e-002	-3.44	-0.10	-2.04	-476.95	-133.35
	456	-0.21	-3.44	-0.11	-2.84	-437.36	-138.02
	443	-0.21	-4.55	0.17	-29.66	-440.34	-146.65
554	318	-0.23	-4.65	0.32	-17.26	-462.05	-112.91
	285	-0.23	-3.58	0.13	6.33	-440.67	-113.02
	455	-7.74e-002	-3.58	-4.44e-002	11.06	-485.82	-130.80
	442	-7.74e-002	-4.65	0.25	-16.32	-515.27	-130.36
555	441	2.73e-002	0.82	0.28	-100.68	74.15	116.19
	453	2.73e-002	0.60	0.37	-44.94	54.48	-89.05
	454	5.61e-002	0.60	0.33	-97.31	48.37	-90.26
	358	5.61e-002	0.82	0.24	-120.57	79.60	119.45
556	440	4.97e-002	0.85	0.34	-56.05	44.54	124.57
	452	4.97e-002	-0.81	0.39	-33.25	64.94	-107.34
	453	2.73e-002	-0.81	0.36	-63.77	56.27	-94.58
	441	2.73e-002	0.85	0.30	-68.03	125.51	-110.33
557	439	2.85e-002	0.79	0.48	-43.80	46.68	127.10
	451	2.85e-002	-1.04	0.44	-21.41	44.36	117.96
	452	4.97e-002	-1.04	0.38	-36.08	53.82	-111.75
	440	4.97e-002	0.79	0.42	-50.51	76.44	120.73
558	438	3.84e-002	-1.05	0.51	-48.41	-100.73	-117.84
	450	3.84e-002	-1.32	0.45	-9.44	68.41	-113.17
	451	2.85e-002	-1.32	0.45	-20.68	48.53	-118.30
	439	2.85e-002	-1.05	0.51	-48.55	42.65	-123.34
559	437	2.49e-002	-1.37	0.46	-49.75	-170.34	-107.92
	449	2.49e-002	-1.63	0.51	9.23	-86.98	-103.43
	450	3.84e-002	-1.63	0.52	-17.47	-83.61	-110.35
	438	3.84e-002	-1.37	0.48	-46.23	45.38	-116.06
560	436	3.50e-002	-1.42	0.55	-28.33	-142.79	-117.63
	448	3.50e-002	-1.99	0.57	-9.73	-91.19	-112.37
	449	2.49e-002	-1.99	0.51	-29.58	-85.02	-103.36
	437	2.49e-002	-1.42	0.49	-26.54	40.91	-107.66
561	435	1.84e-002	-1.92	0.66	-25.99	-174.18	-123.53
	447	1.84e-002	-2.37	0.56	-10.84	-150.60	-120.06
	448	3.50e-002	-2.37	0.54	-20.00	-110.58	-114.36
	436	3.50e-002	-1.92	0.63	-26.64	72.37	-117.63
562	434	2.46e-002	-2.81	0.68	-35.00	-253.46	-119.72
	446	2.46e-002	-2.80	0.55	-8.72	-221.61	-118.15
	447	1.84e-002	-2.80	0.55	-14.99	-175.57	-120.47
	435	1.84e-002	-2.81	0.68	-31.96	-155.72	-122.13
563	433	1.95e-002	-3.50	0.60	-43.93	-336.72	-114.81
	445	1.95e-002	-3.24	0.52	-7.84	-268.00	-112.80
	446	2.46e-002	-3.24	0.56	-19.61	-242.71	-116.93
	434	2.46e-002	-3.50	0.65	-36.11	-196.14	-119.19
564	432	-3.79e-002	-3.96	0.64	-41.28	-338.75	-124.09
	444	-3.79e-002	-3.70	0.52	-27.63	-304.04	-123.51
	445	1.95e-002	-3.70	0.50	-37.92	-272.07	-113.85
	433	1.95e-002	-3.96	0.62	-29.40	-199.60	-114.61
565	431	-3.53e-002	-4.82	0.70	-70.31	-395.51	-133.77
	443	-3.53e-002	-4.16	0.41	-45.19	-396.16	-139.42
	444	-3.79e-002	-4.16	0.41	-44.62	-324.72	-128.01
	432	-3.79e-002	-4.82	0.70	-47.04	-288.16	-123.59
566	430	3.32e-002	-6.35	0.53	-152.08	-543.36	-133.80
	442	3.32e-002	-4.55	0.33	-28.40	-502.97	-141.07
	443	-3.53e-002	-4.55	0.41	-54.94	-430.38	-139.59
	431	-3.53e-002	-6.35	0.61	-92.37	-382.58	-132.79
567	284	4.55e-002	-7.16	-0.22	-200.42	-578.55	-118.66
	318	4.55e-002	-4.65	0.20	-23.85	-484.00	-114.02
	442	3.32e-002	-4.65	0.42	-31.87	-531.75	-127.60
	430	3.32e-002	-7.16	0.20	-169.64	-480.48	-132.30
568	427	4.33e-002	-0.75	-0.49	-80.02	25.58	141.56

	441	4.33e-002	0.82	0.25	-82.23	56.65	125.80
	358	0.51	0.82	0.75	-127.45	-32.58	129.82
	429	0.51	-0.75	-0.17	-90.11	25.22	145.88
569	425	-0.55	-0.57	0.21	-55.88	37.32	130.15
	440	-0.55	0.85	0.75	-46.09	78.05	-119.03
	441	4.33e-002	0.85	0.22	-84.42	-30.25	126.11
	427	4.33e-002	-0.57	-0.40	-57.77	29.02	137.75
570	423	1.76e-002	-0.57	0.94	-50.33	30.53	-118.85
	439	1.76e-002	0.79	0.43	-31.32	96.30	-115.17
	440	-0.55	0.79	0.67	-64.60	-49.18	122.82
	425	-0.55	-0.57	1.17	-29.04	33.75	126.67
571	421	0.56	-0.64	1.35	-53.22	28.07	-111.19
	438	0.56	-1.05	0.76	-34.61	91.64	-111.71
	439	1.76e-002	-1.05	0.44	-68.77	-68.49	-115.30
	423	1.76e-002	-0.64	1.03	-16.97	29.12	-114.71
572	419	3.99e-002	-0.72	0.16	-50.50	29.24	-112.39
	437	3.99e-002	-1.37	0.43	-29.38	81.44	-110.27
	438	0.56	-1.37	0.86	-71.46	-61.74	-109.38
	421	0.56	-0.72	0.52	-20.50	29.37	-111.60
573	417	-0.54	1.19	0.66	-42.40	36.21	-114.27
	436	-0.54	-1.42	0.94	-19.58	102.00	-110.30
	437	3.99e-002	-1.42	0.44	-54.63	-62.27	-110.48
	419	3.99e-002	1.19	0.20	-22.86	31.58	-114.74
574	415	1.86e-002	1.39	1.39	-44.05	-29.62	-112.68
	435	1.86e-002	-1.92	0.63	-16.76	117.99	-111.67
	436	-0.54	-1.92	0.85	-48.09	-86.15	-113.48
	417	-0.54	1.39	1.61	-13.18	33.46	-114.60
575	413	0.42	1.90	1.71	-50.18	-28.94	-111.35
	434	0.42	-2.81	0.86	-17.65	109.13	-111.97
	435	1.86e-002	-2.81	0.61	-58.01	-106.44	-112.23
	415	1.86e-002	1.90	1.46	-12.15	-28.95	-111.55
576	411	2.73e-002	2.25	0.71	-53.42	-29.56	-113.16
	433	2.73e-002	-3.50	0.58	-20.12	95.19	-112.39
	434	0.42	-3.50	0.93	-65.23	-103.25	-111.14
	413	0.42	2.25	1.06	-11.28	-28.41	-111.90
577	409	-0.43	2.90	1.14	-56.83	-28.81	-114.25
	432	-0.43	-3.96	0.96	-22.61	100.61	-113.28
	433	2.73e-002	-3.96	0.57	-59.82	-105.37	-113.13
	411	2.73e-002	2.90	0.76	-17.54	-28.59	-114.09
578	407	-5.82e-002	3.21	1.59	-87.09	-40.75	-113.09
	431	-5.82e-002	-4.82	0.59	-44.97	102.84	-114.80
	432	-0.43	-4.82	0.88	-72.80	-128.79	-116.42
	409	-0.43	3.21	1.88	-20.01	-29.25	-113.67
579	405	1.29	4.02	2.09	-141.83	-63.06	-114.92
	430	1.29	-6.35	1.25	-137.02	42.60	-119.93
	431	-5.82e-002	-6.35	0.66	-128.18	-133.74	-116.75
	407	-5.82e-002	4.02	1.50	-46.22	-43.73	-113.77
580	305	1.20	2.74	-1.45	-151.11	-38.13	-144.22
	284	1.20	-7.16	-0.53	-225.47	-84.25	-150.03
	430	1.29	-7.16	1.19	-209.67	-43.78	-117.13
	405	1.29	2.74	0.40	-111.54	-36.61	-117.98
581	428	0.14	-1.82	0.92	-56.92	33.01	144.24
	427	0.14	-0.75	-1.15	-68.84	24.89	150.47
	429	-0.37	-0.75	0.28	-85.83	28.64	165.32
	367	-0.37	-1.82	2.30	-21.81	-46.84	159.11
582	426	0.38	-3.46	2.19	-12.43	31.25	158.50
	425	0.38	-0.57	0.28	-44.74	34.11	138.26
	427	0.14	-0.57	-1.06	-63.34	30.17	145.02
	428	0.14	-3.46	0.89	-53.21	33.42	165.64
583	424	3.11e-002	-1.57	-0.39	-3.81	31.39	-129.28

	423	3.11e-002	-0.57	0.64	-29.34	28.43	-125.98
	425	0.38	-0.57	1.26	-34.69	35.79	139.28
	426	0.38	-1.57	0.24	-8.56	30.96	142.75
584	422	-0.33	-2.06	0.25	-6.10	-31.19	-115.64
	421	-0.33	-0.64	1.38	-27.91	-28.51	-116.02
	423	3.11e-002	-0.64	0.73	-27.37	31.64	-124.49
	424	3.11e-002	-2.06	-0.42	-4.58	-31.92	-124.05
585	420	0.11	4.80	0.93	-47.48	45.81	-110.97
	419	0.11	-0.72	-0.64	-39.44	-29.04	-121.43
	421	-0.33	-0.72	0.55	-32.45	34.49	-117.92
	422	-0.33	4.80	2.10	-10.52	-31.99	-107.58
586	418	0.37	-1.93	2.12	-8.08	-32.57	-135.59
	417	0.37	1.19	0.66	-28.77	33.67	-122.79
	419	0.11	1.19	-0.57	-35.73	35.20	-118.88
	420	0.11	-1.93	0.91	-50.15	45.92	-131.60
587	416	2.12e-002	5.03	-0.38	-1.40	-31.67	-121.78
	415	2.12e-002	1.39	1.05	-19.80	-29.80	-120.37
	417	0.37	1.39	1.62	-18.48	38.02	-124.82
	418	0.37	5.03	0.19	-8.32	-31.95	-126.36
588	414	-0.25	7.21	0.16	-3.27	-32.63	-116.70
	413	-0.25	1.90	1.65	-22.16	-33.07	-117.19
	415	2.12e-002	1.90	1.12	-16.83	31.70	-120.18
	416	2.12e-002	7.21	-0.38	-4.75	-32.32	-119.59
589	412	7.82e-002	10.56	0.66	-35.66	-33.53	-115.23
	411	7.82e-002	2.25	0.19	-36.76	-34.70	-120.38
	413	-0.25	2.25	9.95e-001	-24.27	31.11	-118.54
	414	-0.25	10.56	1.57	-10.03	-34.82	-113.44
590	410	0.29	9.05	1.58	-5.49	-40.16	-124.93
	409	0.29	2.90	1.05	-38.55	-33.03	-119.99
	411	7.82e-002	2.90	0.23	-32.65	-29.60	-119.47
	412	7.82e-002	9.05	0.66	-42.14	-32.76	-124.68
591	408	1.90e-002	12.62	-0.38	-5.14	-59.39	-117.65
	407	1.90e-002	3.21	1.35	-47.60	-52.02	-117.55
	409	0.29	3.21	1.80	-30.01	-29.01	-120.45
	410	0.29	12.62	8.93e-002	-12.01	-41.47	-119.81
592	406	-0.82	15.17	5.89e-002	-30.79	-58.56	-127.59
	405	-0.82	4.02	1.60	-64.09	-61.92	-123.30
	407	1.90e-002	4.02	1.26	-51.69	-43.16	-116.06
	408	1.90e-002	15.17	-0.29	-10.91	-69.99	-118.92
593	293	3.26	21.38	4.12	-134.18	237.83	-159.10
	305	3.26	2.74	0.30	-176.26	-50.91	-153.66
	405	-0.82	2.74	0.32	-96.21	32.71	-121.46
	406	-0.82	21.38	4.05	-33.00	-105.47	-153.45
594	390	-0.11	1.02	-1.22	-33.63	-60.87	307.25
	404	-0.11	1.60	0.90	-32.70	-58.90	297.17
	366	0.34	1.60	2.25	-11.43	-81.24	283.55
	392	0.34	1.02	0.21	-49.21	-62.63	293.66
595	388	-0.39	0.80	0.24	-20.37	-56.08	317.25
	403	-0.39	3.97	2.26	-6.57	-65.77	320.40
	404	-0.11	3.97	0.95	-29.96	-61.72	312.03
	390	-0.11	0.80	-1.11	-32.87	-64.80	308.81
596	386	-2.50e-002	0.80	0.59	15.19	-54.88	315.19
	402	-2.50e-002	1.74	-0.37	-2.19	-58.89	313.44
	403	-0.39	1.74	0.26	5.63	-63.60	316.99
	388	-0.39	0.80	1.22	-14.97	-59.67	318.69
597	384	0.33	0.64	1.32	19.86	-50.46	305.90
	401	0.33	1.75	0.27	3.97	-54.12	303.65
	402	-2.50e-002	1.75	-0.39	3.90	-57.11	310.66
	386	-2.50e-002	0.64	0.67	14.05	-52.43	312.93
598	382	-0.10	0.60	-0.71	30.99	-50.17	303.26

	400	-0.10	-4.27	0.96	31.64	-39.10	295.87
	401	0.33	-4.27	2.13	7.84	-55.39	297.45
	384	0.33	0.60	0.48	23.04	-43.06	304.80
599	380	-0.37	0.69	0.58	25.32	-49.62	301.04
	399	-0.37	1.62	2.12	5.72	-59.53	308.67
	400	-0.10	1.62	0.93	31.93	-40.16	309.11
	382	-0.10	0.69	-0.64	30.46	-49.49	301.58
600	378	-1.98e-002	-0.77	0.96	23.25	-54.58	291.24
	398	-1.98e-002	-4.31	-0.36	1.65	58.39	291.00
	399	-0.37	-4.31	0.21	6.94	-57.67	301.34
	380	-0.37	-0.77	1.53	18.28	-50.48	301.56
601	376	0.24	-1.18	1.57	29.16	53.37	275.09
	397	0.24	-6.36	0.18	3.53	57.65	273.00
	398	-1.98e-002	-6.36	-0.36	5.33	58.44	285.96
	378	-1.98e-002	-1.18	1.04	21.10	-49.76	288.07
602	374	-7.73e-002	-1.45	0.17	39.87	53.61	262.68
	396	-7.73e-002	-9.63	0.69	27.10	45.06	255.20
	397	0.24	-9.63	1.58	9.20	58.98	264.49
	376	0.24	-1.45	0.94	30.22	44.19	272.02
603	372	-0.30	-2.02	1.06	36.78	61.83	249.63
	395	-0.30	-8.15	1.60	5.91	74.10	256.91
	396	-7.73e-002	-8.15	0.67	28.93	48.70	264.95
	374	-7.73e-002	-2.02	0.23	38.97	50.76	257.64
604	370	2.33e-002	-2.28	1.37	35.24	79.95	233.38
	394	2.33e-002	-11.82	-0.35	6.13	85.80	233.06
	395	-0.30	-11.82	0.11	8.61	76.43	247.56
	372	-0.30	-2.28	1.82	31.01	58.84	247.92
605	368	0.80	-3.07	1.59	31.19	88.58	226.47
	393	0.80	-14.45	6.91e-002	18.50	71.26	227.44
	394	2.33e-002	-14.45	-0.26	5.95	99.11	228.01
	370	2.33e-002	-3.07	1.27	37.02	73.59	227.20
606	298	-3.10	-1.91	0.29	89.39	50.44	263.95
	292	-3.10	-20.45	3.92	-114.89	-170.85	285.84
	393	0.80	-20.45	3.91	13.84	120.49	251.45
	368	0.80	-1.91	0.29	40.56	66.72	227.33
607	391	-3.01e-002	-0.85	0.19	-46.29	-67.84	312.13
	390	-3.01e-002	1.02	-0.60	-40.17	-59.39	301.78
	392	-0.51	1.02	-0.21	-56.57	-59.99	297.42
	363	-0.51	-0.85	0.66	-66.06	-55.74	307.59
608	389	0.56	-0.85	0.73	-31.10	-65.58	315.45
	388	0.56	0.80	-0.17	-22.79	-57.53	313.36
	390	-3.01e-002	0.80	-0.48	-31.20	-63.32	308.46
	391	-3.01e-002	-0.85	0.18	-41.18	-70.91	310.56
609	387	-9.08e-003	-0.85	0.42	-17.67	-67.91	315.43
	386	-9.08e-003	0.80	0.87	21.99	-53.27	310.86
	388	0.56	0.80	1.11	-19.83	-58.75	314.12
	389	0.56	-0.85	0.66	-25.98	-65.84	318.68
610	385	-0.56	1.33	0.72	27.05	-59.07	307.18
	384	-0.56	0.64	1.25	31.96	-48.15	301.26
	386	-9.08e-003	0.64	0.94	-13.57	-51.30	307.89
	387	-9.08e-003	1.33	0.42	31.51	-63.04	313.81
611	383	-2.98e-002	1.82	0.38	29.93	-55.92	294.11
	382	-2.98e-002	0.60	-0.13	41.78	-47.68	293.31
	384	-0.56	0.60	0.41	18.62	-43.96	300.39
	385	-0.56	1.82	0.81	49.30	62.09	301.20
612	381	0.53	2.03	0.90	26.22	-55.48	290.09
	380	0.53	0.69	0.56	33.94	-48.95	293.87
	382	-2.98e-002	0.69	0.14	20.63	-50.61	295.32
	383	-2.98e-002	2.03	0.39	53.14	80.94	291.54
613	379	-2.14e-002	2.55	0.62	22.01	-64.94	284.58

	378	-2.14e-002	-0.77	1.29	35.47	-50.82	284.80
	380	0.53	-0.77	1.51	17.71	-50.65	292.17
	381	0.53	2.55	0.84	42.84	79.56	291.96
614	377	-0.43	3.43	0.85	36.83	-65.31	273.50
	376	-0.43	-1.18	1.60	44.18	49.00	268.66
	378	-2.14e-002	-1.18	1.36	15.85	-49.31	279.43
	379	-2.14e-002	3.43	0.61	49.65	79.77	284.28
615	375	-2.21e-002	4.14	0.57	40.36	-67.60	251.82
	374	-2.21e-002	-1.45	0.64	57.03	48.23	250.37
	376	-0.43	-1.45	0.98	23.75	44.78	264.96
	377	-0.43	4.14	0.92	67.27	75.97	266.43
616	373	0.40	4.83	0.94	41.26	-49.54	238.48
	372	0.40	-2.02	1.12	52.46	56.88	240.76
	374	-2.21e-002	-2.02	0.72	26.50	52.01	248.29
	375	-2.21e-002	4.83	0.53	75.08	97.41	246.00
617	371	4.82e-002	5.89	0.63	47.72	41.85	228.58
	370	4.82e-002	-2.28	1.61	62.73	72.02	225.76
	372	0.40	-2.28	1.88	27.80	59.35	236.20
	373	0.40	5.89	0.90	71.78	112.05	239.11
618	369	-1.21	7.49	1.29	106.20	43.48	229.50
	368	-1.21	-3.07	2.06	86.46	91.96	213.59
	370	4.82e-002	-3.07	1.50	36.84	71.39	218.04
	371	4.82e-002	7.49	0.73	96.11	126.03	233.98
619	289	-1.10	8.18	-0.42	167.89	63.65	252.12
	298	-1.10	-1.91	-1.36	80.50	43.87	246.57
	368	-1.21	-1.91	0.39	60.74	67.58	220.57
	369	-1.21	8.18	1.23	158.04	73.51	225.61
620	353	-0.26	5.90	-0.50	47.45	234.46	195.38
	297	-0.26	6.39	-0.50	94.96	280.39	228.51
	289	-0.11	6.39	-0.36	134.01	393.39	227.06
	355	-0.11	5.90	-0.40	133.25	441.44	194.12
621	351	5.12e-002	4.66	-0.36	37.72	-27.81	183.72
	295	5.12e-002	3.43	-0.48	67.56	-20.57	225.60
	297	-0.26	3.43	-0.52	52.64	163.31	230.93
	353	-0.26	4.66	-0.41	56.85	194.15	189.30
622	281	-0.17	3.63	-0.45	-67.97	-175.81	170.63
	201	-0.17	1.37	-0.16	-135.74	-135.58	184.64
	295	5.12e-002	1.37	-0.45	-99.88	-89.59	208.07
	351	5.12e-002	3.63	-0.32	35.29	-65.90	194.01
623	354	-5.75e-002	5.00	0.82	20.54	263.40	156.17
	353	-5.75e-002	5.90	0.13	58.95	228.91	186.52
	355	-0.10	5.90	0.37	64.93	435.99	213.12
	288	-0.10	5.00	0.44	92.72	355.24	182.38
624	352	5.56e-002	6.46	0.12	20.04	33.37	179.21
	351	5.56e-002	4.66	0.19	24.50	-26.12	184.30
	353	-5.75e-002	4.66	-0.36	32.69	190.68	179.57
	354	-5.75e-002	6.46	0.26	7.22	179.10	174.59
625	200	-6.76e-002	7.54	-0.15	7.87	-195.08	175.96
	281	-6.76e-002	3.63	-0.45	38.53	-183.15	185.71
	351	5.56e-002	3.63	0.28	25.18	-62.16	190.28
	352	5.56e-002	7.54	0.11	7.82	-58.52	180.50
626	347	0.11	4.35	-0.26	-41.61	70.48	186.36
	350	0.11	4.36	-0.81	-15.43	48.89	150.14
	283	-0.14	4.36	-0.35	-95.28	113.33	175.08
	348	-0.14	4.35	-0.40	-55.56	48.58	212.01
627	346	3.20e-002	4.65	-0.38	19.73	57.27	175.29
	349	3.20e-002	4.05	0.13	-4.92	54.94	166.69
	350	0.11	4.05	0.13	-10.93	49.67	167.83
	347	0.11	4.65	-0.57	-26.47	52.45	176.27
628	271	-7.08e-002	4.96	-0.68	24.19	69.56	167.49

	195	-7.08e-002	4.14	0.17	-7.25	74.58	164.74
	349	3.20e-002	4.14	0.15	3.64	54.05	168.98
	346	3.20e-002	4.96	-0.44	-19.99	58.27	171.86
629	345	-0.24	4.64	-0.30	45.22	64.61	195.81
	347	-0.24	4.35	-0.33	-40.76	58.56	191.06
	348	-4.25e-002	4.35	-0.36	-51.66	49.03	204.19
	282	-4.25e-002	4.64	-0.22	-54.04	41.71	208.94
630	344	2.53e-002	5.13	-0.25	27.35	63.74	183.91
	346	2.53e-002	4.65	-0.50	-27.71	55.66	175.01
	347	-0.24	4.65	-0.55	35.22	53.35	184.40
	345	-0.24	5.13	-0.28	-39.50	54.22	193.25
631	194	-0.36	5.85	-0.29	40.24	68.29	169.84
	271	-0.36	4.96	-0.63	27.27	68.63	166.12
	346	2.53e-002	4.96	-0.56	21.10	58.79	174.39
	344	2.53e-002	5.85	-0.24	39.73	63.59	178.10
632	342	-2.64e-002	3.57	-0.59	35.31	-28.79	210.29
	345	-2.64e-002	4.64	-0.31	-45.17	-43.04	204.44
	282	-2.02e-002	4.64	-0.31	53.37	37.03	205.30
	343	-2.02e-002	3.57	-0.59	-40.97	-27.81	211.14
633	341	-2.31e-002	3.93	-0.60	26.29	52.57	206.26
	344	-2.31e-002	5.13	-0.31	35.16	-55.73	195.40
	345	-2.64e-002	5.13	-0.31	36.10	41.64	199.88
	342	-2.64e-002	3.93	-0.60	-37.13	-29.83	210.73
634	264	3.97e-002	4.38	-0.67	33.12	89.43	184.48
	194	3.97e-002	5.85	-0.36	44.00	-89.02	176.39
	344	-2.31e-002	5.85	-0.32	31.15	72.72	189.96
	341	-2.31e-002	4.38	-0.63	31.93	56.78	198.09
635	340	-2.40e-002	2.44	-0.69	-35.13	-27.90	218.86
	342	-2.40e-002	3.57	-0.67	-36.00	-28.71	213.80
	343	-2.35e-002	3.57	-0.67	-42.24	-28.10	215.77
	290	-2.35e-002	2.44	-0.68	-38.61	-26.62	220.82
636	339	-2.39e-002	2.68	-0.70	-29.99	-41.81	210.76
	341	-2.39e-002	3.93	-0.69	32.71	48.80	206.84
	342	-2.40e-002	3.93	-0.68	-33.70	-30.74	213.78
	340	-2.40e-002	2.68	-0.69	-34.13	-29.57	217.70
637	202	7.15e-002	2.94	-0.73	-30.72	72.74	186.20
	264	7.15e-002	4.38	-0.74	31.40	84.19	181.75
	341	-2.39e-002	4.38	-0.72	30.22	-52.32	199.09
	339	-2.39e-002	2.94	-0.71	-32.72	-47.21	203.54
638	337	2.40e-002	1.18	-0.86	-37.56	-26.07	223.34
	340	2.40e-002	2.44	-0.77	-36.67	-27.46	220.23
	290	-2.10e-002	2.44	-0.76	-40.26	-26.40	222.83
	338	-2.10e-002	1.18	-0.85	-40.17	-25.45	225.93
639	336	3.52e-002	1.28	-0.88	-31.33	-33.31	213.73
	339	3.52e-002	2.68	-0.79	-37.22	-38.20	212.20
	340	2.40e-002	2.68	-0.78	-33.98	-29.55	219.60
	337	2.40e-002	1.28	-0.86	-37.52	-26.85	221.12
640	257	7.30e-002	1.39	-0.88	-34.49	52.24	187.01
	202	7.30e-002	2.94	-0.80	-30.09	65.75	185.09
	339	3.52e-002	2.94	-0.80	-31.45	-43.21	204.39
	336	3.52e-002	1.39	-0.88	-36.54	-37.60	206.30
641	334	2.72e-002	-0.28	-0.91	-40.25	-24.19	224.76
	337	2.72e-002	1.18	-0.89	-39.36	-25.36	223.82
	338	2.76e-002	1.18	-0.88	-40.96	-25.15	227.35
	335	2.76e-002	-0.28	-0.90	-41.64	-24.48	228.29
642	333	3.49e-002	-0.32	-0.92	-34.85	-26.63	214.06
	336	3.49e-002	1.28	-0.90	-41.84	-30.42	214.06
	337	2.72e-002	1.28	-0.90	-37.23	-26.46	222.24
	334	2.72e-002	-0.32	-0.91	-40.87	-24.48	222.23
643	253	5.90e-002	-0.38	-0.91	-39.98	-35.54	187.63

	257	5.90e-002	1.39	-0.90	-32.70	-45.78	187.08
	336	3.49e-002	1.39	-0.91	-35.00	-33.65	206.00
	333	3.49e-002	-0.38	-0.92	-41.24	-28.85	206.55
644	332	3.24e-002	-1.43	-0.83	-42.74	-23.91	223.63
	334	3.24e-002	-0.28	-0.90	-42.12	-23.85	224.67
	335	3.58e-002	-0.28	-0.90	-41.54	-24.15	228.50
	291	3.58e-002	-1.43	-0.82	-42.51	-23.80	227.47
645	331	3.23e-002	-1.58	-0.84	-39.67	-24.41	212.55
	333	3.23e-002	-0.32	-0.92	-46.69	-25.15	213.92
	334	3.24e-002	-0.32	-0.91	-40.48	-24.10	222.43
	332	3.24e-002	-1.58	-0.83	-44.52	-23.66	221.05
646	203	4.42e-002	-1.76	-0.82	-48.48	-27.77	187.18
	253	4.42e-002	-0.38	-0.90	-38.42	-31.49	187.75
	333	3.23e-002	-0.38	-0.91	-39.88	-26.37	205.82
	331	3.23e-002	-1.76	-0.83	-47.13	-24.59	205.25
647	329	3.48e-002	-2.56	-0.81	-46.93	-25.32	219.48
	332	3.48e-002	-1.43	-0.76	-44.24	-24.06	222.19
	291	3.84e-002	-1.43	-0.76	-43.43	-23.76	226.00
	330	3.84e-002	-2.56	-0.81	-42.81	26.77	223.29
648	328	3.33e-002	-2.83	-0.82	-46.72	-28.28	209.04
	331	3.33e-002	-1.58	-0.77	-51.36	-24.94	211.41
	332	3.48e-002	-1.58	-0.76	-45.47	-23.89	219.50
	329	3.48e-002	-2.83	-0.81	-48.08	26.84	217.13
649	246	2.83e-002	-3.14	-0.81	-59.81	-31.11	185.88
	203	2.83e-002	-1.76	-0.75	-48.52	-28.14	188.00
	331	3.33e-002	-1.76	-0.76	-46.83	-24.85	203.32
	328	3.33e-002	-3.14	-0.82	-54.64	-26.86	201.19
650	327	3.39e-002	-3.69	-0.38	-48.75	62.79	217.03
	329	3.39e-002	-2.56	-0.76	-55.08	-26.07	222.28
	330	3.59e-002	-2.56	-0.76	-39.82	24.99	226.42
	287	3.59e-002	-3.69	-0.38	-52.51	-54.72	221.17
651	326	3.47e-002	-4.08	-0.38	-54.23	62.72	206.91
	328	3.47e-002	-2.83	-0.75	-69.55	-30.44	212.16
	329	3.39e-002	-2.83	-0.75	-46.32	-26.02	219.97
	327	3.39e-002	-4.08	-0.38	-61.23	-59.62	214.70
652	199	2.91e-002	-4.55	-0.40	-70.72	55.57	188.41
	246	2.91e-002	-3.14	-0.76	-62.05	-34.30	189.18
	328	3.47e-002	-3.14	-0.75	-53.65	-29.92	202.73
	326	3.47e-002	-4.55	-0.40	-73.28	-59.46	201.91
653	323	2.97e-002	-3.65	-0.36	-27.21	-55.89	203.10
	327	2.97e-002	-3.69	-0.33	-48.49	-68.20	209.08
	287	-2.67e-002	-3.69	-0.35	-42.53	-34.26	214.97
	325	-2.67e-002	-3.65	-0.37	-24.20	-49.77	208.96
654	321	4.00e-002	-3.87	-0.38	-29.90	-63.40	193.38
	326	4.00e-002	-4.08	-0.34	-61.40	-74.03	199.31
	327	2.97e-002	-4.08	-0.33	-50.51	-40.47	208.35
	323	2.97e-002	-3.87	-0.37	-30.31	-58.23	202.35
655	239	0.11	-4.11	-0.41	-41.86	-72.73	178.17
	199	0.11	-4.55	-0.37	-66.45	-78.35	181.80
	326	4.00e-002	-4.55	-0.36	-60.91	-49.36	195.06
	321	4.00e-002	-4.11	-0.39	-35.45	-65.64	191.30
656	324	6.26e-003	-3.90	0.11	-3.87	-61.79	198.58
	323	6.26e-003	-3.65	-0.26	-18.52	-54.81	200.16
	325	-0.14	-3.65	-0.26	-16.08	-52.36	205.62
	286	-0.14	-3.90	5.18e-002	-3.79	-54.18	204.02
657	322	0.12	-3.90	3.62e-002	-1.92	-72.39	189.71
	321	0.12	-3.87	-0.28	-25.25	-63.43	191.12
	323	6.26e-003	-3.87	-0.27	-19.46	-60.52	198.97
	324	6.26e-003	-3.90	0.10	-5.09	-64.81	197.55
658	198	3.22e-002	-4.09	-1.83e-002	6.57	-81.37	177.20

	239	3.22e-002	-4.11	-0.31	-25.65	-73.22	177.92
	321	0.12	-4.11	-0.30	-24.11	-68.66	187.97
	322	0.12	-4.09	-6.87e-002	5.23	-73.01	187.20
659	317	-1.71e-002	-4.46	0.44	-30.92	-275.63	-96.79
	320	-1.71e-002	-4.23	4.72e-002	-3.60	-269.64	-102.44
	285	-0.23	-4.23	2.99e-002	6.03	-396.29	-110.89
	318	-0.23	-4.46	0.46	-15.84	-412.56	-103.92
660	316	0.16	-4.05	0.50	-36.86	-54.86	-99.74
	319	0.16	-4.98	-2.99e-002	-7.68	-73.12	-105.86
	320	-1.71e-002	-4.98	-4.42e-002	-4.90	-208.72	-101.51
	317	-1.71e-002	-4.05	0.45	-19.81	-187.41	-97.52
661	229	0.12	-3.67	0.33	-24.89	148.89	-119.42
	197	0.12	-5.89	-3.03e-002	-14.48	125.66	-120.18
	319	0.16	-5.89	0.11	-8.75	38.18	-106.70
	316	0.16	-3.67	0.43	-24.61	37.97	-106.40
662	307	3.91e-002	-5.59	-0.71	-105.94	-254.84	-123.47
	317	3.91e-002	-4.46	0.20	-41.29	-264.12	-106.69
	318	4.55e-002	-4.46	0.28	-24.50	-433.24	-103.81
	284	4.55e-002	-5.59	-0.57	-162.62	-410.38	-118.62
663	306	2.59e-002	-2.89	-0.72	-64.68	21.73	-133.79
	316	2.59e-002	-4.05	0.24	-51.26	-32.10	-109.89
	317	3.91e-002	-4.05	0.23	-32.40	-198.21	-105.37
	307	3.91e-002	-2.89	-0.77	-73.97	-195.26	-126.27
664	196	6.53e-002	-1.12	-0.21	-116.99	140.89	-133.86
	229	6.53e-002	-3.67	0.44	-33.27	164.80	-114.23
	316	2.59e-002	-3.67	0.23	-39.25	38.47	-118.65
	306	2.59e-002	-1.12	-0.50	-80.88	65.32	-137.08
665	314	-1.09	0.96	2.48	-174.89	73.65	265.80
	304	-1.09	6.94	1.93	-159.56	30.96	237.17
	293	11.03	7.77	6.15	-318.60	134.31	274.46
	315	11.03	0.96	6.00	-201.15	-17.23	324.11
666	313	0.25	1.28	2.76	-117.68	42.40	243.61
	302	0.25	1.45	1.82	-113.21	42.37	232.37
	304	-1.09	1.45	1.63	-143.71	44.45	241.58
	314	-1.09	1.28	2.57	-142.83	35.33	252.63
667	312	-5.21	-0.34	2.54	-94.55	12.37	228.88
	205	-5.21	-2.61	2.25	-101.32	41.74	218.74
	302	0.25	-2.61	1.81	-96.80	55.38	223.54
	313	0.25	-0.34	2.12	-114.01	35.56	233.52
668	310	0.12	-0.88	4.70	-157.43	29.83	281.46
	314	0.12	0.96	4.73	-158.26	55.61	272.45
	315	-0.18	0.96	0.90	-186.87	6.79	298.85
	311	-0.18	-0.88	0.87	-160.05	7.66	307.92
669	309	7.92e-002	-1.12	3.82	-115.07	29.59	261.41
	313	7.92e-002	1.28	3.82	-127.12	40.20	243.92
	314	0.12	1.28	4.81	-154.96	33.07	258.14
	310	0.12	-1.12	4.81	-141.47	29.09	275.94
670	308	-0.33	0.40	0.80	-95.98	10.49	230.74
	312	-0.33	-0.34	0.80	-98.73	9.44	224.27
	313	7.92e-002	-0.34	3.19	-111.72	31.82	239.41
	309	7.92e-002	0.40	3.19	-109.20	28.37	246.08
671	300	1.20	-6.48	1.85	-125.89	46.45	329.03
	310	1.20	-0.88	2.46	-166.67	36.37	296.47
	311	-10.64	-0.88	5.80	-163.10	19.50	328.09
	292	-10.64	-7.27	5.89	-247.45	-104.30	356.12
672	299	-0.21	-1.14	1.86	-86.04	-29.40	286.75
	309	-0.21	-1.12	2.81	-121.87	27.64	265.92
	310	1.20	-1.12	2.57	-142.24	27.06	291.70
	300	1.20	-1.14	1.63	-117.14	-32.50	312.69
673	204	4.75	2.89	2.38	99.19	-28.96	234.26

	308	4.75	0.40	2.60	-101.93	-14.43	232.28
	309	-0.21	0.40	2.17	-103.28	-31.71	258.43
	299	-0.21	2.89	1.95	-93.82	-63.83	260.86
674	303	-0.37	1.82	-2.91	-86.72	36.82	219.58
	307	-0.37	-5.59	-1.22	-159.24	-154.06	173.48
	284	1.20	-5.59	-0.85	-169.36	107.63	-141.73
	305	1.20	1.82	-2.54	-189.29	-31.88	-183.17
675	301	-0.42	-0.54	-1.93	-81.18	72.23	218.08
	306	-0.42	-2.89	-0.92	-65.42	-109.93	170.16
	307	-0.37	-2.89	-1.29	-62.59	184.22	179.30
	303	-0.37	-0.54	-2.30	-136.83	23.32	226.32
676	222	-1.04	-2.20	-0.87	-84.09	52.13	166.16
	196	-1.04	-1.12	-0.12	-130.36	33.32	147.80
	306	-0.42	-1.12	-0.78	-114.90	128.50	180.17
	301	-0.42	-2.20	-1.59	-65.72	59.23	198.81
677	304	-0.36	6.63	0.65	-138.47	22.07	240.20
	303	-0.36	1.82	-2.43	-110.65	52.11	203.92
	305	3.26	1.82	-1.27	-156.34	-35.13	-178.71
	293	3.26	6.91	2.02	-171.47	145.54	-198.89
678	302	-0.55	1.45	0.79	-100.93	44.36	223.23
	301	-0.55	-0.54	-1.32	-76.91	70.69	208.30
	303	-0.36	-0.54	-1.82	-98.28	23.27	213.14
	304	-0.36	1.45	0.33	-127.28	43.39	227.02
679	205	-2.75	-2.61	1.25	-65.62	41.42	181.28
	222	-2.75	-2.20	-0.53	-71.27	45.47	166.79
	301	-0.55	-2.20	-0.98	-65.13	46.55	197.61
	302	-0.55	-2.61	0.80	-89.59	60.38	212.10
680	296	0.41	-1.17	-2.31	56.17	-36.86	307.16
	300	0.41	-6.18	0.61	-106.32	25.29	332.64
	292	-3.10	-6.43	1.90	-113.63	-89.93	317.30
	298	-3.10	-1.17	-1.23	66.38	37.20	299.91
681	294	0.49	0.89	-1.16	57.93	-76.71	285.22
	299	0.49	-1.14	0.87	-96.34	-38.44	283.78
	300	0.41	-1.14	0.37	-101.25	-31.52	315.35
	296	0.41	0.89	-1.69	62.55	30.35	316.91
682	212	2.66	2.59	-0.46	-88.10	-73.60	202.17
	204	2.66	2.89	1.36	65.37	-33.52	204.23
	299	0.49	2.89	0.96	-82.74	-75.95	262.92
	294	0.49	2.59	-0.86	70.56	-80.45	260.94
683	297	0.36	6.39	-1.06	103.89	61.67	270.74
	296	0.36	-1.17	-2.72	53.89	32.95	315.25
	298	-1.10	-1.17	-2.40	86.66	35.87	289.54
	289	-1.10	6.39	-0.75	142.29	35.28	245.28
684	295	-0.33	3.43	-0.74	41.23	44.19	251.22
	294	-0.33	0.89	-1.73	-97.47	-94.18	294.11
	296	0.36	0.89	-2.10	55.40	27.70	317.73
	297	0.36	3.43	-1.11	39.47	-113.79	274.90
685	201	0.96	1.37	-0.13	-128.61	-94.38	192.89
	212	0.96	2.59	-0.79	-91.02	-93.23	206.39
	294	-0.33	2.59	-1.43	64.99	-96.26	261.44
	295	-0.33	1.37	-0.64	-112.00	-152.96	247.89
687	279	-0.12	3.54	0.75	-77.11	-217.67	156.80
	211	-0.12	1.10	0.48	-107.08	-141.39	147.82
	201	-0.17	1.10	-0.24	-190.69	-285.88	164.11
	281	-0.17	3.54	0.49	27.74	-226.25	173.10
688	277	-0.29	4.12	1.35	50.59	-79.11	150.05
	209	-0.29	1.55	1.02	45.92	-44.48	128.62
	211	-0.12	1.55	0.68	-116.43	-222.20	142.51
	279	-0.12	4.12	1.02	-58.57	-195.62	163.99
689	275	0.84	5.15	1.78	47.73	38.45	127.46

	207	0.84	2.48	1.27	44.59	72.09	115.37
	209	-0.29	2.48	1.16	-74.14	-95.68	127.91
	277	-0.29	5.15	1.67	33.72	-68.48	139.98
690	183	0.36	5.55	0.39	68.36	185.47	129.13
	176	0.36	3.86	0.52	82.86	223.19	103.35
	207	0.84	3.86	1.20	76.22	28.04	106.86
	275	0.84	5.55	0.76	45.13	54.97	132.80
691	280	-0.69	8.32	-0.29	34.75	-227.64	184.29
	279	-0.69	3.54	0.40	44.70	-216.63	169.98
	281	-6.76e-002	3.54	0.48	47.62	-221.61	174.67
	200	-6.76e-002	8.32	-0.48	4.17	-217.19	188.86
692	278	0.16	8.22	0.66	-8.88	-112.38	146.29
	277	0.16	4.12	0.93	33.14	-93.88	156.75
	279	-0.69	4.12	0.66	34.16	-187.25	175.33
	280	-0.69	8.22	0.35	31.14	-199.28	165.07
693	276	-0.30	10.14	-0.11	-14.68	43.73	148.38
	275	-0.30	5.15	1.34	28.12	36.33	143.49
	277	0.16	5.15	1.25	32.14	-67.79	145.67
	278	0.16	10.14	-0.20	7.19	-77.02	150.35
694	175	-0.89	13.69	1.81	100.88	218.90	170.21
	183	-0.89	5.55	0.23	62.27	185.64	146.54
	275	-0.30	5.55	0.33	40.45	63.97	142.93
	276	-0.30	13.69	2.07	17.64	58.11	169.16
695	270	-0.85	5.35	-0.56	-32.20	80.05	148.24
	274	-0.85	4.42	0.56	-31.91	100.29	158.06
	195	-7.08e-002	4.42	1.09	-4.48	83.45	169.58
	271	-7.08e-002	5.35	-0.40	-32.63	79.95	159.98
696	269	8.00e-002	5.61	-0.64	-39.48	82.28	131.82
	273	8.00e-002	4.73	-0.37	-7.33	81.29	123.91
	274	-0.85	4.73	-0.18	-30.68	97.14	139.56
	270	-0.85	5.61	-0.71	-29.02	76.58	147.36
697	268	-0.19	5.93	-0.85	-45.41	85.66	114.09
	272	-0.19	5.98	-2.59e-002	-19.17	93.33	119.37
	273	8.00e-002	5.98	0.12	-7.79	81.90	128.81
	269	8.00e-002	5.93	-0.74	-41.01	73.92	124.29
698	181	1.00	6.02	-0.35	-85.83	109.27	54.24
	170	1.00	8.48	-1.23	-78.75	220.80	86.67
	272	-0.19	8.48	-1.37	-14.79	88.01	133.64
	268	-0.19	6.02	-0.39	-59.52	109.87	98.17
699	267	-0.20	6.52	-0.31	53.69	100.02	151.26
	270	-0.20	5.35	-0.58	-45.37	81.38	149.01
	271	-0.36	5.35	-0.48	21.40	74.48	161.11
	194	-0.36	6.52	-0.28	63.61	65.18	163.62
700	266	-0.13	6.70	-0.45	56.97	106.44	130.71
	269	-0.13	5.61	-0.85	-53.00	81.54	132.25
	270	-0.20	5.61	-0.73	38.46	73.14	145.17
	267	-0.20	6.70	-0.35	61.84	56.02	143.77
701	265	0.56	6.75	-0.59	-82.85	102.89	106.66
	268	0.56	5.93	-9.97e-001	-76.81	85.22	109.66
	269	-0.13	5.93	-0.93	-43.19	68.47	126.49
	266	-0.13	6.75	-0.52	-86.25	-51.49	124.00
702	169	0.33	7.06	-0.30	-100.41	111.59	70.72
	181	0.33	6.02	-0.53	-83.75	104.36	69.46
	268	0.56	6.02	-0.48	-61.24	90.43	96.08
	265	0.56	7.06	-0.56	-115.81	59.09	97.29
703	263	-4.53e-002	4.73	-0.72	36.07	110.90	151.13
	267	-4.53e-002	6.52	-0.39	55.13	-139.05	149.13
	194	3.97e-002	6.52	-0.36	43.88	123.98	171.05
	264	3.97e-002	4.73	-0.69	-42.73	102.17	173.08
704	262	-5.60e-002	4.93	-0.81	-49.49	-101.21	127.35

	266	-5.60e-002	6.70	-0.51	-64.59	-117.09	127.86
	267	-4.53e-002	6.70	-0.45	53.49	113.43	141.47
	263	-4.53e-002	4.93	-0.74	-45.16	104.33	140.95
705	261	-8.79e-002	5.10	-0.83	-52.68	-123.77	103.13
	265	-8.79e-002	6.75	-0.50	-97.55	-157.18	105.91
	266	-5.60e-002	6.75	-0.51	-65.11	110.34	119.47
	262	-5.60e-002	5.10	-0.83	-58.33	-104.08	117.59
706	193	-6.68e-002	5.24	-0.78	43.30	-131.74	76.28
	169	-6.68e-002	7.06	-0.41	-112.32	-170.76	75.32
	265	-8.79e-002	7.06	-0.46	-90.98	-142.10	93.49
	261	-8.79e-002	5.24	-0.84	-62.94	-134.50	94.17
707	260	8.15e-002	3.14	-0.74	-31.98	82.09	156.70
	263	8.15e-002	4.73	-0.76	-37.37	101.75	155.06
	264	7.15e-002	4.73	-0.76	31.55	92.59	173.04
	202	7.15e-002	3.14	-0.73	-31.33	76.98	174.61
708	259	-7.23e-002	3.27	-0.74	-35.52	-87.24	129.96
	262	-7.23e-002	4.93	-0.79	-41.88	-95.07	126.75
	263	8.15e-002	4.93	-0.79	-40.53	97.31	145.28
	260	8.15e-002	3.27	-0.73	-32.91	82.63	148.48
709	258	-0.10	3.40	-0.75	-32.90	-97.84	99.59
	261	-0.10	5.10	-0.84	-43.71	-112.76	100.21
	262	-7.23e-002	5.10	-0.82	-47.69	-99.87	118.72
	259	-7.23e-002	3.40	-0.74	30.96	-89.42	118.02
710	177	-0.10	3.48	-0.75	-29.77	-99.67	68.81
	193	-0.10	5.24	-0.84	-48.77	-118.82	70.77
	261	-0.10	5.24	-0.85	-48.37	-124.58	90.38
	258	-0.10	3.48	-0.76	29.53	-104.92	88.62
711	256	8.94e-002	1.47	-0.87	-29.91	-58.44	160.85
	260	8.94e-002	3.14	-0.80	-32.42	76.35	159.24
	202	7.30e-002	3.14	-0.80	-34.90	69.12	175.05
	257	7.30e-002	1.47	-0.87	-28.65	54.79	176.65
712	255	9.49e-002	1.52	-0.86	-27.89	-67.28	132.35
	259	9.49e-002	3.27	-0.78	-28.58	-79.77	129.74
	260	8.94e-002	3.27	-0.79	-30.35	75.34	150.63
	256	8.94e-002	1.52	-0.87	-32.87	-60.49	153.25
713	254	-0.11	1.56	-0.87	-24.20	-73.29	99.29
	258	-0.11	3.40	-0.80	27.17	-89.35	98.67
	259	9.49e-002	3.40	-0.78	-30.59	-82.40	119.49
	255	9.49e-002	1.56	-0.85	-25.38	-68.86	119.91
714	190	-0.10	1.57	-0.86	21.67	-72.56	68.70
	177	-0.10	3.48	-0.79	-30.23	-89.88	69.29
	258	-0.11	3.48	-0.81	27.48	-94.19	88.53
	254	-0.11	1.57	-0.88	24.27	-76.05	88.36
715	252	7.07e-002	-0.43	-0.90	-34.08	-39.82	163.35
	256	7.07e-002	1.47	-0.89	-34.97	-53.67	162.30
	257	5.90e-002	1.47	-0.89	-39.89	-48.48	177.24
	253	5.90e-002	-0.43	-0.90	-31.78	-37.18	178.30
716	251	8.11e-002	-0.48	-0.87	-32.64	-47.60	134.72
	255	8.11e-002	1.52	-0.87	-28.89	-59.40	132.86
	256	7.07e-002	1.52	-0.88	-29.06	-53.94	154.28
	252	7.07e-002	-0.48	-0.88	-39.02	-42.11	156.11
717	250	9.01e-002	-0.53	-0.86	-29.28	-52.99	100.75
	254	9.01e-002	1.56	-0.87	26.20	-65.88	99.08
	255	8.11e-002	1.56	-0.86	-28.30	-61.45	121.15
	251	8.11e-002	-0.53	-0.85	-31.72	-49.34	122.72
718	189	8.27e-002	-0.58	-0.83	-24.56	-53.43	69.75
	190	8.27e-002	1.57	-0.85	-24.93	-64.97	68.74
	254	9.01e-002	1.57	-0.87	-25.37	-67.49	88.54
	250	9.01e-002	-0.58	-0.85	-28.55	-54.24	89.94
719	249	4.89e-002	-1.92	-0.81	-43.02	-31.16	165.24

	252	4.89e-002	-0.43	-0.89	-42.39	-36.80	164.53
	253	4.42e-002	-0.43	-0.89	-46.83	-33.21	178.21
	203	4.42e-002	-1.92	-0.81	-39.98	-28.75	178.92
720	248	5.93e-002	-2.04	-0.78	-43.12	-36.75	137.67
	251	5.93e-002	-0.48	-0.86	-37.27	-42.24	135.88
	252	4.89e-002	-0.48	-0.87	-35.04	-37.46	156.66
	249	4.89e-002	-2.04	-0.80	-49.26	-32.19	158.40
721	247	7.04e-002	-2.19	-0.76	-39.51	-43.39	104.51
	250	7.04e-002	-0.53	-0.84	-33.45	-48.33	101.69
	251	5.93e-002	-0.53	-0.84	-35.45	-44.16	123.75
	248	5.93e-002	-2.19	-0.77	-43.07	-38.48	126.50
722	178	7.89e-002	-2.32	-0.72	-33.23	-47.21	73.05
	189	7.89e-002	-0.58	-0.81	-29.06	-49.69	70.55
	250	7.04e-002	-0.58	-0.84	-31.81	-49.51	90.94
	247	7.04e-002	-2.32	-0.75	-38.46	-45.11	93.73
723	245	3.53e-002	-3.40	-0.80	-55.00	-37.02	167.35
	249	3.53e-002	-1.92	-0.75	-53.15	-31.37	165.05
	203	2.83e-002	-1.92	-0.75	-57.36	-28.86	178.61
	246	2.83e-002	-3.40	-0.80	-52.91	-33.71	180.90
724	244	3.50e-002	-3.59	-0.79	-57.39	-39.28	140.34
	248	3.50e-002	-2.04	-0.72	-49.89	-36.46	138.99
	249	3.53e-002	-2.04	-0.73	-47.10	-32.32	157.92
	245	3.53e-002	-3.59	-0.80	-60.95	-36.21	159.22
725	243	4.62e-002	-3.80	-0.76	-53.64	-47.31	110.37
	247	4.62e-002	-2.19	-0.70	-45.96	-43.69	106.08
	248	3.50e-002	-2.19	-0.71	-48.67	-38.42	126.73
	244	3.50e-002	-3.80	-0.77	-57.26	-41.94	130.93
726	188	6.70e-002	-3.99	-0.71	-47.67	-51.48	78.31
	178	6.70e-002	-2.32	-0.67	-40.53	-48.59	74.10
	247	4.62e-002	-2.32	-0.69	-43.55	-46.21	94.90
	243	4.62e-002	-3.99	-0.73	-53.34	54.13	99.18
727	242	3.67e-002	-4.93	-0.38	-75.02	72.47	168.93
	245	3.67e-002	-3.40	-0.76	-69.39	-40.74	172.57
	246	2.91e-002	-3.40	-0.75	-65.32	-36.45	184.60
	199	2.91e-002	-4.93	-0.37	-73.69	-80.75	180.94
728	241	2.82e-002	-5.18	-0.41	-77.02	71.77	151.11
	244	2.82e-002	-3.59	-0.75	-68.33	-43.15	147.60
	245	3.67e-002	-3.59	-0.76	-60.80	-39.41	161.90
	242	3.67e-002	-5.18	-0.42	-83.88	-74.24	165.23
729	240	3.61e-002	-5.46	-0.42	79.32	78.59	125.53
	243	3.61e-002	-3.80	-0.74	-64.02	-51.79	118.41
	244	2.82e-002	-3.80	-0.74	-64.73	-44.62	136.55
	241	2.82e-002	-5.46	-0.42	-78.80	-78.89	143.53
730	174	6.75e-002	-5.68	-0.37	83.90	82.40	92.27
	188	6.75e-002	-3.99	-0.67	-57.55	-57.19	82.89
	243	3.61e-002	-3.99	-0.71	61.23	-58.72	107.45
	240	3.61e-002	-5.68	-0.41	-77.77	-85.59	116.69
731	237	6.52e-002	-4.34	-0.45	-38.38	-76.30	169.39
	242	6.52e-002	-4.93	-0.34	-75.10	-85.02	169.11
	199	0.11	-4.93	-0.32	-74.74	-53.95	175.36
	239	0.11	-4.34	-0.44	-36.24	-72.45	175.53
732	235	8.85e-002	-4.53	-0.49	43.43	-80.52	154.51
	241	8.85e-002	-5.18	-0.40	-72.29	-89.44	149.53
	242	6.52e-002	-5.18	-0.38	-70.71	-56.61	163.14
	237	6.52e-002	-4.53	-0.47	-43.72	-80.16	167.70
733	233	5.19e-002	-4.77	-0.52	43.31	-88.03	138.35
	240	5.19e-002	-5.46	-0.40	-72.13	-93.01	126.87
	241	8.85e-002	-5.46	-0.40	-72.28	-60.58	142.58
	235	8.85e-002	-4.77	-0.52	-42.32	-85.34	153.49
734	187	-0.35	-5.02	-0.58	48.90	-107.39	114.09

	174	-0.35	-5.68	-0.39	73.05	-94.78	94.10
	240	5.19e-002	-5.68	-0.37	74.39	-66.25	117.99
	233	5.19e-002	-5.02	-0.57	39.57	-96.02	137.76
735	238	0.25	-4.20	0.12	3.89	-87.99	168.98
	237	0.25	-4.34	-0.33	-30.63	-80.60	168.92
	239	3.22e-002	-4.34	-0.32	-31.75	-78.67	173.91
	198	3.22e-002	-4.20	0.19	-2.05	-84.53	173.94
736	236	-9.13e-003	-4.48	-8.26e-002	5.63	-93.09	157.69
	235	-9.13e-003	-4.53	-0.36	29.34	-84.19	156.33
	237	0.25	-4.53	-0.34	-27.17	-81.06	165.66
	238	0.25	-4.48	-0.10	8.01	-89.14	166.94
737	234	0.11	-4.81	5.37e-002	5.56	-102.43	147.59
	233	0.11	-4.77	-0.36	27.64	-93.55	143.23
	235	-9.13e-003	-4.77	-0.39	29.24	-86.35	152.06
	236	-9.13e-003	-4.81	7.29e-002	5.78	-94.42	156.32
738	173	1.51e-002	-5.21	-6.99e-002	21.94	-134.48	137.42
	187	1.51e-002	-5.02	-0.54	25.86	-118.88	123.85
	233	0.11	-5.02	-0.41	27.91	-97.61	136.92
	234	0.11	-5.21	-0.11	4.91	-107.71	150.30
739	228	0.30	-3.61	0.31	-23.30	162.41	142.03
	232	0.30	-6.21	-0.13	-9.49	133.93	140.69
	197	0.12	-6.21	-0.18	-1.97	132.52	127.67
	229	0.12	-3.61	0.28	-31.61	157.64	128.85
740	227	2.16e-002	-3.86	-0.27	-20.70	87.57	157.40
	231	2.16e-002	-6.34	6.96e-002	-5.71	81.65	148.66
	232	0.30	-6.34	0.11	-12.11	128.69	141.83
	228	0.30	-3.86	0.26	-19.69	140.92	150.15
741	226	7.29e-002	-4.33	-0.24	-20.88	-36.40	152.34
	230	7.29e-002	-6.29	-0.11	5.29	-41.75	146.48
	231	2.16e-002	-6.29	-8.44e-002	-3.89	53.87	150.63
	227	2.16e-002	-4.33	-0.29	-19.08	42.77	156.46
742	186	-6.75e-002	-4.89	-0.46	28.03	-133.19	131.89
	172	-6.75e-002	-6.23	-0.10	15.60	-118.86	128.85
	230	7.29e-002	-6.23	7.80e-002	5.87	-64.41	146.31
	226	7.29e-002	-4.89	0.29	-19.46	-80.38	149.68
743	225	5.84e-002	0.97	0.32	128.83	176.10	141.09
	228	5.84e-002	-3.61	0.46	-30.79	169.30	142.91
	229	6.53e-002	-3.61	0.38	-29.24	176.63	-126.78
	196	6.53e-002	0.97	0.23	137.33	248.09	124.31
744	224	5.56e-002	-1.39	0.76	-61.04	56.83	131.31
	227	5.56e-002	-3.86	0.51	-36.30	81.96	146.06
	228	5.84e-002	-3.86	0.39	-31.21	156.76	150.39
	225	5.84e-002	-1.39	0.61	110.16	179.45	135.54
745	223	1.98e-002	-2.74	0.86	-38.46	-64.73	122.94
	226	1.98e-002	-4.33	0.53	-30.63	-47.39	139.51
	227	5.56e-002	-4.33	0.53	-28.86	50.23	149.13
	224	5.56e-002	-2.74	0.86	-46.06	52.39	132.69
746	171	-0.35	-4.19	0.83	-72.96	-205.86	111.62
	186	-0.35	-4.89	0.60	-36.49	-152.19	124.38
	226	1.98e-002	-4.89	0.59	-29.60	-72.67	135.68
	223	1.98e-002	-4.19	0.82	-46.05	-39.99	122.89
747	220	-0.92	-2.86	0.97	-58.65	63.39	87.75
	225	-0.92	0.97	0.85	151.48	138.97	104.43
	196	-1.04	0.97	0.15	155.69	77.03	150.68
	222	-1.04	-2.86	0.28	-90.27	61.92	133.43
748	218	6.47e-002	-3.36	2.08	-26.92	71.58	73.53
	224	6.47e-002	-1.39	0.87	90.80	188.02	98.50
	225	-0.92	-1.39	0.93	-96.95	-49.27	105.29
	220	-0.92	-3.36	2.14	86.48	85.31	80.06
749	216	-2.34e-002	-2.55	2.08	-42.68	-64.95	-77.16

	223	-2.34e-002	-2.74	0.82	-48.14	200.42	94.34
	224	6.47e-002	-2.74	0.86	-35.07	-102.98	95.00
	218	6.47e-002	-2.55	2.12	58.62	78.94	-77.52
750	185	0.60	-1.62	2.28	-75.67	-63.30	-67.78
	171	0.60	-4.19	1.28	-64.62	169.30	-82.52
	223	-2.34e-002	-4.19	0.92	-66.40	-121.76	91.93
	216	-2.34e-002	-1.62	1.92	-30.49	72.69	-76.14
751	221	-2.16e-002	-11.29	2.90	-9.89	72.07	82.73
	220	-2.16e-002	-2.86	0.89	-58.49	53.16	96.20
	222	-2.75	-2.86	0.57	-72.17	42.35	144.26
	205	-2.75	-11.29	2.59	-59.02	142.33	126.70
752	219	1.14e-002	-5.37	-0.33	8.47	88.46	81.82
	218	1.14e-002	-3.36	1.70	-25.64	67.08	86.96
	220	-2.16e-002	-3.36	2.07	-41.76	85.86	85.03
	221	-2.16e-002	-5.37	4.11e-002	-11.03	68.43	80.38
753	217	-1.71e-002	-2.28	-0.19	7.47	-69.13	85.09
	216	-1.71e-002	-2.55	1.84	-22.87	-60.56	90.98
	218	1.14e-002	-2.55	1.74	-25.21	89.26	89.58
	219	1.14e-002	-2.28	-0.29	-3.91	82.06	83.54
754	180	-0.65	1.36	-0.12	-8.32	-67.19	-75.77
	185	-0.65	-1.62	1.68	-40.59	-63.12	-79.15
	216	-1.71e-002	-1.62	1.69	-21.42	78.51	89.11
	217	-1.71e-002	1.36	-0.11	-7.72	-72.00	-84.96
755	210	2.69e-002	3.17	0.97	-67.01	-103.41	116.09
	215	2.69e-002	11.97	2.97	9.01	-123.94	91.15
	204	2.66	11.97	2.63	-83.53	-99.77	140.96
	212	2.66	3.17	0.63	64.71	-76.28	170.21
756	208	-1.15e-002	3.58	1.79	26.79	-161.59	108.78
	214	-1.15e-002	5.81	-0.35	-10.79	-180.98	102.37
	215	2.69e-002	5.81	4.23e-002	11.70	-133.10	98.67
	210	2.69e-002	3.58	2.18	-46.15	-143.31	104.65
757	206	2.66e-002	2.59	1.97	26.33	-196.87	106.60
	213	2.66e-002	2.56	-0.18	-6.96	-192.70	98.64
	214	-1.15e-002	2.56	-0.31	4.09	-198.74	103.96
	208	-1.15e-002	2.59	1.85	27.05	-199.28	112.03
758	184	0.68	1.58	1.82	36.74	136.23	74.03
	179	0.68	-1.33	-9.38e-002	6.44	132.91	-72.13
	213	2.66e-002	-1.33	-0.10	8.96	201.01	92.30
	206	2.66e-002	1.58	1.81	24.20	-225.01	94.71
759	211	0.92	1.10	0.96	-135.43	-188.26	129.52
	210	0.92	3.17	1.05	-58.93	-117.08	109.28
	212	0.96	3.17	0.35	-111.41	-109.48	162.06
	201	0.96	1.10	0.25	-123.13	-146.77	182.79
760	209	-8.13e-002	1.55	1.11	-74.18	-230.65	122.58
	208	-8.13e-002	3.58	2.29	31.97	-162.93	99.50
	210	0.92	3.58	2.26	-81.59	-144.13	104.78
	211	0.92	1.55	1.08	-89.00	84.56	127.86
761	207	5.85e-002	2.48	1.01	68.81	-332.51	104.08
	206	5.85e-002	2.59	2.27	34.93	-212.05	93.64
	208	-8.13e-002	2.59	2.34	-52.70	-190.42	105.37
	209	-8.13e-002	2.48	1.09	37.14	91.21	116.21
762	176	-0.57	3.86	1.27	68.90	-296.82	71.58
	184	-0.57	1.58	2.30	75.20	152.19	-55.51
	206	5.85e-002	1.58	2.11	32.83	-226.09	81.37
	207	5.85e-002	3.86	1.07	54.18	124.43	99.78
763	149	-5.63e-002	5.37	-0.84	37.06	84.42	45.70
	38	-5.63e-002	7.34	-0.53	-64.45	-74.48	37.90
	169	-6.68e-002	7.34	-0.45	-76.34	155.20	61.01
	193	-6.68e-002	5.37	-0.77	-67.44	-121.16	67.17
764	54	-4.13e-002	3.56	-0.77	-30.82	72.32	44.21

	149	-4.13e-002	5.37	-0.84	-42.10	81.33	42.32
	193	-0.10	5.37	-0.82	-44.49	-109.93	58.72
	177	-0.10	3.56	-0.75	-34.38	-90.85	60.64
765	157	-4.45e-002	1.57	-0.93	-20.24	55.69	43.53
	54	-4.45e-002	3.56	-0.85	-32.04	66.44	44.67
	177	-0.10	3.56	-0.78	-26.56	-81.70	60.40
	190	-0.10	1.57	-0.86	-23.57	-67.04	60.29
766	162	5.40e-002	-0.66	-0.91	-18.63	42.78	44.05
	157	5.40e-002	1.57	-0.93	-22.41	50.55	43.88
	190	8.27e-002	1.57	-0.85	-22.42	-60.36	59.87
	189	8.27e-002	-0.66	-0.83	-23.12	-50.63	60.94
767	55	0.11	-2.51	-0.76	27.68	-39.39	47.15
	162	0.11	-0.66	-0.86	-19.83	40.47	45.52
	189	7.89e-002	-0.66	-0.81	-26.38	-47.73	61.43
	178	7.89e-002	-2.51	-0.71	-31.12	-46.57	63.80
768	28	8.49e-002	-4.21	-0.65	-41.30	-44.15	49.70
	55	8.49e-002	-2.51	-0.65	-28.67	-40.66	48.61
	178	6.70e-002	-2.51	-0.65	-36.66	-49.42	64.73
	188	6.70e-002	-4.21	-0.66	-47.01	57.76	66.69
769	47	6.41e-002	-5.91	-0.27	78.30	90.43	51.78
	28	6.41e-002	-4.21	-0.54	-38.60	-51.01	49.73
	188	6.75e-002	-4.21	-0.62	58.62	-61.91	74.48
	174	6.75e-002	-5.91	-0.34	-70.72	-67.83	77.55
770	141	-0.20	-4.96	-0.36	48.78	-125.77	54.24
	47	-0.20	-5.91	-0.24	64.59	-100.94	43.36
	174	-0.35	-5.91	-0.40	77.51	-75.47	85.28
	187	-0.35	-4.96	-0.33	40.45	-130.18	95.27
771	46	-0.39	-6.92	-1.04	69.38	-331.89	81.09
	141	-0.39	-4.96	-0.34	87.68	-144.07	44.58
	187	1.51e-002	-4.96	-0.19	40.96	-160.60	102.22
	173	1.51e-002	-6.92	-1.09	11.31	-123.45	149.04
772	130	-0.53	-4.87	0.29	56.04	-174.32	55.42
	45	-0.53	-7.90	1.16	46.56	-182.28	-57.64
	172	-6.75e-002	-7.90	-1.12	14.48	-155.86	119.97
	186	-6.75e-002	-4.87	0.11	26.90	-167.82	113.61
773	44	-0.24	-5.66	0.32	-126.62	-289.64	-53.35
	130	-0.24	-4.87	0.32	37.55	-208.20	-60.28
	186	-0.35	-4.87	0.37	-33.78	-177.69	103.99
	171	-0.35	-5.66	0.66	-96.89	-170.63	96.39
774	122	0.93	-1.55	0.53	-90.96	-57.09	-42.05
	44	0.93	-5.66	0.24	-119.72	100.72	-47.33
	171	0.60	-5.66	1.22	-120.12	-90.28	-66.55
	185	0.60	-1.55	1.52	-48.16	-59.94	-62.04
775	57	2.03	6.26	2.17	-52.19	86.59	-53.72
	122	2.03	-1.55	1.08	-68.15	-58.70	-44.04
	185	-0.65	-1.55	0.92	-44.99	-60.00	-71.48
	180	-0.65	6.26	2.01	-16.39	-75.83	-79.35
776	101	-1.98	1.50	1.11	59.28	66.94	-38.28
	56	-1.98	-6.66	2.22	47.50	91.92	-48.39
	179	0.68	-6.66	2.11	17.20	106.61	-73.04
	184	0.68	1.50	1.00	41.25	98.28	-63.59
777	49	-0.90	6.02	0.27	122.27	67.53	49.80
	101	-0.90	1.50	0.58	85.00	62.71	-34.24
	184	-0.57	1.50	1.49	41.92	97.68	-44.28
	176	-0.57	6.02	1.16	116.25	76.68	59.25
778	85	-0.54	6.09	0.64	84.03	263.43	78.02
	49	-0.54	6.02	0.45	160.61	310.97	55.73
	176	0.36	6.02	0.40	91.60	191.37	91.83
	183	0.36	6.09	0.63	74.67	205.05	114.92
779	48	0.14	4.94	1.96	-32.78	178.77	69.85

	85	0.14	6.09	0.53	79.67	233.86	74.58
	183	-0.89	6.09	0.49	72.76	195.45	142.32
	175	-0.89	4.94	1.57	74.86	149.51	134.78
780	93	0.38	0.54	1.06	-33.09	137.87	-51.55
	48	0.38	4.94	2.03	-33.11	132.83	71.26
	175	-2.28	4.94	2.67	155.47	141.92	116.48
	182	-2.28	0.54	1.70	-18.13	63.33	88.11
781	39	0.65	3.63	-1.25	-76.48	122.73	36.02
	93	0.65	0.54	-0.70	-65.88	146.13	-52.62
	182	-4.30	0.54	-1.08	-22.95	35.91	-81.28
	170	-4.30	3.63	-1.70	-163.80	115.69	-59.55
782	77	-0.17	6.17	-0.99	-51.70	110.06	31.35
	39	-0.17	3.63	-1.57	-71.64	113.67	36.47
	170	1.00	3.63	-1.14	-101.50	126.22	45.90
	181	1.00	6.17	-0.51	-70.71	90.98	49.89
783	38	-0.32	7.34	-0.72	68.13	126.39	35.76
	77	-0.32	6.17	-0.96	-58.91	107.85	33.49
	181	0.33	6.17	0.73	-73.44	83.67	53.30
	169	0.33	7.34	-0.39	-89.28	48.60	57.37
784	17	0.22	-4.53	0.33	27.11	31.73	32.81
	144	0.22	-6.15	0.14	46.21	-49.68	21.40
	47	6.41e-002	-6.15	0.22	46.69	37.27	37.02
	28	6.41e-002	-4.53	0.43	-52.08	37.66	48.19
785	165	0.24	-2.85	0.57	-20.42	22.32	32.53
	17	0.24	-4.53	0.43	-29.09	26.94	32.99
	28	8.49e-002	-4.53	0.53	33.91	37.77	43.62
	55	8.49e-002	-2.85	0.67	30.40	33.24	42.60
786	161	0.26	-0.81	0.86	-9.32	-20.41	24.19
	165	0.26	-2.85	0.68	-21.07	20.23	28.03
	55	0.11	-2.85	0.79	20.20	31.71	42.61
	162	0.11	-0.81	0.97	19.39	32.56	37.87
787	156	2.87e-002	1.63	0.99	17.77	-29.30	21.77
	161	2.87e-002	-0.81	0.95	9.84	-22.07	22.54
	162	5.40e-002	-0.81	1.01	14.49	-34.94	37.62
	157	5.40e-002	1.63	1.05	19.03	-42.13	36.19
788	152	-0.27	3.75	0.78	31.16	-43.93	22.09
	156	-0.27	1.63	0.94	20.92	-32.68	21.04
	157	-4.45e-002	1.63	1.05	22.95	-47.01	36.34
	54	-4.45e-002	3.75	0.89	27.87	-54.51	37.72
789	148	-0.27	5.49	0.65	28.39	-53.61	22.23
	152	-0.27	3.75	0.71	29.10	-48.66	24.71
	54	-4.13e-002	3.75	0.81	33.63	-58.29	36.23
	149	-4.13e-002	5.49	0.75	37.13	-65.95	33.88
790	76	-0.24	7.17	0.41	-32.95	-22.55	15.10
	148	-0.24	5.49	0.63	-29.17	-55.25	24.11
	149	-5.63e-002	5.49	0.75	48.05	-71.78	37.63
	38	-5.63e-002	7.17	0.54	-40.88	-113.87	27.51
791	140	-0.23	-4.99	0.37	41.58	-98.69	27.15
	144	-0.23	-6.15	-0.13	-32.48	-89.38	12.77
	47	-0.20	-6.15	-0.18	54.95	-77.69	38.61
	141	-0.20	-4.99	-0.43	49.06	-122.41	38.22
792	133	-0.41	-3.66	-1.25	72.91	-121.89	-36.60
	140	-0.41	-4.99	-0.12	63.72	-100.17	-26.93
	141	-0.39	-4.99	-0.30	49.44	-134.60	42.30
	46	-0.39	-3.59	-1.05	104.52	-151.96	50.14
793	129	-0.36	-4.83	0.13	18.55	-126.32	-26.79
	133	-0.36	-3.79	-1.32	76.86	-131.86	-41.63
	45	-0.53	-3.75	1.18	55.83	-124.12	-48.70
	130	-0.53	-4.83	0.31	24.03	-175.99	-39.78
794	125	-0.20	-5.74	-0.24	-112.53	-150.33	-19.03

	129	-0.20	-4.83	0.43	-19.76	-145.52	-24.60
	130	-0.24	-4.83	0.43	-34.25	-191.11	-36.86
	44	-0.24	-5.74	8.72e-002	-116.76	-220.72	-32.70
795	121	0.16	-1.99	-0.82	-70.84	-28.92	-20.07
	125	0.16	-5.74	-0.56	-131.61	-52.16	-19.03
	44	0.93	-5.74	-0.12	-138.00	-16.11	-28.91
	122	0.93	-1.99	-0.36	-85.05	-36.83	-28.88
796	117	-0.10	1.57	0.32	-46.18	-21.32	18.44
	121	-0.10	-1.99	-0.60	-64.39	-25.68	19.08
	122	2.03	-1.99	0.22	-76.86	-37.36	-31.96
	57	2.03	1.57	1.08	-62.64	47.95	-26.39
797	113	-0.41	0.27	1.76	-28.21	23.80	38.73
	117	-0.41	1.57	1.01	-46.19	20.33	24.34
	57	6.71	1.57	2.33	-108.21	41.00	29.09
	114	6.71	0.27	3.07	-39.03	-10.38	50.52
798	108	7.15e-002	-0.32	3.08	19.01	27.39	42.50
	113	7.15e-002	0.27	3.05	-20.44	17.30	41.92
	114	-0.35	0.27	0.95	-28.32	6.03	47.50
	109	-0.35	-0.32	0.98	30.90	5.97	47.88
799	104	0.52	-1.70	1.08	44.88	40.37	34.11
	108	0.52	-0.32	1.82	32.32	37.49	41.57
	109	-6.53	-0.32	3.16	37.99	12.35	51.42
	56	-6.53	-1.70	2.42	109.92	50.74	29.44
800	100	0.16	1.91	-0.50	56.52	50.56	31.66
	104	0.16	-1.70	0.38	42.41	42.06	28.60
	56	-1.98	-1.70	1.11	63.75	61.29	27.34
	101	-1.98	1.91	0.26	65.46	50.99	33.76
801	88	-0.11	6.10	-0.39	130.81	37.04	27.18
	100	-0.11	1.91	-0.64	68.36	52.11	29.20
	101	-0.90	1.91	-0.33	69.40	57.09	31.04
	49	-0.90	6.10	0.15	159.11	70.13	-30.41
802	84	0.12	5.20	0.18	74.38	159.13	-19.90
	88	0.12	6.10	8.55e-002	138.63	172.21	-21.83
	49	-0.54	6.10	0.34	135.97	235.15	-43.56
	85	-0.54	5.20	0.45	119.33	227.86	-38.27
803	96	0.36	3.76	0.96	-14.53	136.73	-27.27
	84	0.36	5.20	0.36	65.34	150.52	-21.11
	85	0.14	5.20	0.70	59.42	213.07	-45.39
	48	0.14	3.76	1.23	36.92	175.94	-45.52
804	92	0.60	2.61	0.90	-48.25	109.59	-34.50
	96	0.60	3.76	1.01	-13.64	125.13	-28.64
	48	0.38	3.76	1.31	-23.01	160.06	-41.64
	93	0.38	2.61	1.19	-37.96	139.97	-43.58
805	80	0.67	3.68	-0.55	-66.84	101.15	-28.69
	92	0.67	2.61	-0.77	-52.16	107.34	-33.21
	93	0.65	2.61	-0.85	-56.24	126.90	-42.77
	39	0.65	3.68	-0.69	-75.14	122.09	-38.79
806	75	0.51	5.87	-0.52	-32.24	103.02	-20.04
	80	0.51	3.68	-0.58	-53.12	98.95	-28.40
	39	-0.17	3.68	-0.99	-63.58	116.71	33.13
	77	-0.17	5.87	-1.05	-43.59	88.36	26.27
807	76	-0.17	7.17	-0.43	48.41	125.88	10.35
	75	-0.17	5.87	-0.65	-24.43	105.26	16.04
	77	-0.32	5.87	-0.97	-40.89	78.87	25.16
	38	-0.32	7.17	-0.72	-38.36	45.59	27.72

SFORZI "Dinamica SLVh Y" (Fase 1)

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
206	230	-160.60	0.00	0.00	0.00	0.00	0.00

	234	160.60	0.00	0.00	0.00	0.00	0.00
207	232	-154.80	0.00	0.00	0.00	0.00	0.00
	238	154.80	0.00	0.00	0.00	0.00	0.00
208	319	-58.61	0.00	0.00	0.00	0.00	0.00
	322	58.61	0.00	0.00	0.00	0.00	0.00
209	285	84.20	0.00	0.00	0.00	0.00	0.00
	286	-84.20	0.00	0.00	0.00	0.00	0.00
210	456	89.46	0.00	0.00	0.00	0.00	0.00
	470	-89.46	0.00	0.00	0.00	0.00	0.00
211	458	-34.86	0.00	0.00	0.00	0.00	0.00
	474	34.86	0.00	0.00	0.00	0.00	0.00
212	460	-88.02	0.00	0.00	0.00	0.00	0.00
	478	88.02	0.00	0.00	0.00	0.00	0.00
213	462	-110.27	0.00	0.00	0.00	0.00	0.00
	482	110.27	0.00	0.00	0.00	0.00	0.00
214	464	-90.08	0.00	0.00	0.00	0.00	0.00
	486	90.08	0.00	0.00	0.00	0.00	0.00
215	12	-51.86	0.00	0.00	0.00	0.00	0.00
	16	51.86	0.00	0.00	0.00	0.00	0.00
216	466	-62.20	0.00	0.00	0.00	0.00	0.00
	490	62.20	0.00	0.00	0.00	0.00	0.00
371	137	-78.34	0.00	0.00	0.00	0.00	0.00
	135	78.34	0.00	0.00	0.00	0.00	0.00
11	681	90.74	16.81	-0.17	-3.87	4.68	83.84
	63	-90.74	-16.81	0.17	3.87	9.57	1324.74
12	66	83.51	12.54	0.16	4.87	8.39	987.33
	681	-83.51	-12.54	-0.16	-4.87	-4.88	-83.78
13	681	-83.15	13.41	0.20	4.36	-5.60	-84.29
	65	83.15	-13.41	-0.20	-4.36	-10.93	1041.43
14	64	-90.54	17.66	-0.17	-3.56	9.05	1406.75
	681	90.54	-17.66	0.17	3.56	5.34	85.93
15	679	1745.26	31.98	-184.24	1.04e-015	15063.34	1669.59
	627	-1745.26	-31.98	184.24	-1.04e-015	6089.33	-2355.98
16	20	1745.26	60.48	-376.69	-1.74e-013	40176.63	4634.78
	679	-1745.26	-60.48	376.69	1.74e-013	-15063.34	-1669.59
17	678	-1742.63	-41.60	-184.40	8.04e-014	15092.17	-3679.37
	625	1742.63	41.60	184.40	-8.04e-014	6080.39	2293.50
18	10	-1742.63	-64.31	-376.82	-2.79e-013	40213.23	-6454.96
	678	1742.63	64.31	376.82	2.79e-013	-15092.17	3679.37
19	627	1745.26	39.27	101.49	0.00	-6089.33	2355.98
	710	-1745.26	-39.27	-101.49	0.00	0.00	0.00
20	625	-1742.63	-38.23	101.34	0.00	-6080.39	-2293.50
	60	1742.63	38.23	-101.34	0.00	0.00	0.00
21	138	-977.02	30.33	-147.37	0.00	35367.83	7280.15
	701	977.02	-30.33	147.37	0.00	0.00	0.00
22	134	911.39	-47.74	-148.08	0.00	35538.10	-11457.90
	698	-911.39	47.74	148.08	0.00	0.00	0.00
23	624	11.79	141.67	17.69	4.52	-934.44	7881.78
	623	-11.79	-141.67	-17.69	-4.52	-1047.55	7985.95
24	624	-16.47	60.33	-67.99	0.00	6798.68	6032.82
	703	16.47	-60.33	67.99	0.00	0.00	0.00
25	696	140.96	65.10	-133.25	-934.44	22980.18	6846.56
	624	-140.96	-65.10	133.25	934.44	-6800.41	2424.94

26	623	45.76	56.12	-72.79	0.00	7279.10	5611.86
	702	-45.76	-56.12	72.79	0.00	0.00	0.00
27	697	-123.39	74.19	-113.45	-1047.55	22292.94	7694.95
	623	123.39	-74.19	113.45	1047.55	-7275.99	2794.18
28	166	-42.33	-2.10e-002	-34.02	-0.47	1280.18	3.21
	110	42.33	2.10e-002	34.02	0.47	2623.21	-4.25
29	118	-44.45	-2.10e-002	62.52	-0.47	-3970.91	2.86
	166	44.45	2.10e-002	-62.52	0.47	-1280.18	-3.21
30	158	8.48	-7.65e-005	-38.72	-0.47	1344.61	3.71e-002
	69	-8.48	7.65e-005	38.72	0.47	3056.83	-4.02e-002
31	74	5.63	-7.65e-005	65.88	-0.47	-4232.98	3.48e-002
	158	-5.63	7.65e-005	-65.88	0.47	-1344.61	-3.71e-002
32	153	-4.66	3.68e-006	-38.42	-0.47	1369.28	3.86e-004
	70	4.66	-3.68e-006	38.42	0.47	2842.51	3.34e-004
33	81	-7.24	3.68e-006	61.57	-0.47	-3887.50	6.00e-004
	153	7.24	-3.68e-006	-61.57	0.47	-1369.28	-3.86e-004
34	145	17.62	-4.08e-005	-33.28	-0.47	1378.82	4.02e-006
	73	-17.62	4.08e-005	33.28	0.47	2040.47	-3.27e-003
35	89	14.48	-4.08e-005	51.33	-0.47	-2982.98	-3.26e-003
	145	-14.48	4.08e-005	-51.33	0.47	-1378.82	-4.02e-006
36	136	-26.09	-1.10e-002	-29.04	-0.47	1426.03	4.70e-008
	97	26.09	1.10e-002	29.04	0.47	1301.72	-0.88
37	105	-31.52	-1.10e-002	41.54	-0.47	-2050.18	-0.88
	136	31.52	1.10e-002	-41.54	0.47	-1426.03	-4.70e-008
38	118	-529.53	7.68e-003	-64.36	0.86	2299.53	0.68
	74	529.53	-7.68e-003	64.36	-0.86	2089.71	-0.19
39	579	-645.27	-1.40e-002	-102.57	2.82	0.00	0.00
	118	645.27	1.40e-002	102.57	-2.82	1796.29	-0.25
40	110	-371.24	-7.68e-003	52.20	0.92	-2078.08	-0.68
	69	371.24	7.68e-003	-52.20	-0.92	-1473.58	0.19
41	516	-438.83	1.40e-002	45.87	5.08	0.00	0.00
	110	438.83	-1.40e-002	-45.87	-5.08	-803.38	0.25
42	105	-7.30	1.88e-002	-1.48	2.36e-016	25.90	0.33
	68	7.30	-1.88e-002	1.48	-2.36e-016	1.70e-010	1.46e-011
43	89	-113.20	7.79e-003	-41.72	0.88	865.20	0.39
	105	113.20	-7.79e-003	41.72	-0.88	2029.77	0.14
44	97	-6.26	-1.88e-002	1.52	1.19e-016	-26.68	-0.33
	67	6.26	1.88e-002	-1.52	-1.19e-016	2.90e-010	1.90e-012
45	73	-89.07	-7.79e-003	27.01	0.88	-748.01	-0.39
	97	89.07	7.79e-003	-27.01	-0.88	-1289.39	-0.14
46	81	-247.08	7.75e-003	-48.99	0.88	1363.60	0.51
	89	247.08	-7.75e-003	48.99	-0.88	2333.67	8.88e-002
47	74	-389.11	7.75e-003	-63.51	0.88	2219.83	0.63
	81	389.11	-7.75e-003	63.51	-0.88	2565.83	8.30e-002
48	70	-187.71	-7.75e-003	38.31	0.88	-1028.85	-0.51
	73	187.71	7.75e-003	-38.31	-0.88	-1922.53	-8.88e-002
49	69	-283.22	-7.75e-003	47.99	0.88	-1700.99	-0.63
	70	283.22	7.75e-003	-47.99	-0.88	-1934.72	-8.30e-002
50	63	95.16	-60.21	0.16	-6.38	-7.51	1190.99
	700	-95.16	60.21	-0.16	6.38	-4.49	-5497.72
51	698	55.52	-71.59	6.77e-002	8.61	-2.22	-7011.48
	66	-55.52	71.59	-6.77e-002	-8.61	-3.97	1887.28
52	65	-59.12	-76.63	5.80e-002	8.18	-4.09	2149.49

	701	59.12	76.63	-5.80e-002	-8.18	-2.54	-7634.95
53	699	-90.33	-65.31	0.15	-6.03	-3.54	-6064.74
	64	90.33	65.31	-0.15	6.03	-7.28	1391.58
54	65	-21.34	-97.87	1.30	1.04	-31.71	-5139.91
	710	21.34	97.87	-1.30	-1.04	-38.49	-144.83
55	63	21.86	5.16	0.20	0.41	-10.83	-2229.65
	65	-21.86	-5.16	-0.20	-0.41	-11.96	2766.85
56	58	9.10	77.50	1.78	0.29	-52.91	109.25
	63	-9.10	-77.50	-1.78	-0.29	-43.44	4075.90
57	66	23.43	104.50	1.27	0.52	-30.74	5505.76
	60	-23.43	-104.50	-1.27	-0.52	-37.86	137.50
58	64	-22.12	-15.45	0.16	0.92	-8.16	1768.73
	66	22.12	15.45	-0.16	-0.92	-9.38	-3376.87
59	59	-16.05	-72.66	1.71	-0.42	-50.39	-115.76
	64	16.05	72.66	-1.71	0.42	-41.82	-3808.23
60	706	9.77	91.24	-1.18	-7.14	30.67	-76.95
	66	-9.77	-91.24	1.18	7.14	24.86	4364.87
61	66	-12.79	-111.99	-0.28	5.71	15.14	-6292.07
	65	12.79	111.99	0.28	-5.71	15.36	-6026.80
62	65	-21.35	80.75	-1.50	-7.16	31.79	3883.67
	702	21.35	-80.75	1.50	7.16	38.89	-88.51
63	63	40.06	64.29	-1.67	4.91	34.25	3093.61
	703	-40.06	-64.29	1.67	-4.91	44.34	-71.88
64	64	15.13	-85.46	-0.36	-5.20	19.73	-4600.33
	63	-15.13	85.46	0.36	5.20	19.66	-4801.17
65	707	-30.13	55.92	-1.35	4.86	36.62	-82.87
	64	30.13	-55.92	1.35	-4.86	27.02	2710.06
77	702	39.26	115.22	13.26	93.77	-415.59	438.53
	701	-39.26	-115.22	-13.26	-93.77	-515.86	5821.70
78	703	-20.50	-11.19	-7.42	5.30	474.32	-859.12
	702	20.50	11.19	7.42	-5.30	421.37	-432.05
79	700	-62.23	-63.01	19.28	-66.65	-646.13	-4188.44
	703	62.23	63.01	-19.28	66.65	-488.42	854.54
80	706	-21.74	-58.88	12.15	88.08	-344.16	2720.19
	698	21.74	58.88	-12.15	-88.08	-448.53	-5343.86
81	707	22.17	-43.26	-5.75	11.66	384.72	-2134.01
	706	-22.17	43.26	5.75	-11.66	343.17	-2726.65
82	699	38.31	120.74	16.74	-71.56	-548.38	4622.96
	707	-38.31	-120.74	-16.74	71.56	-404.64	2137.96
83	710	135.91	938.51	-18.82	-67.99	-623.86	38997.74
	701	-135.91	-938.51	18.82	67.99	516.70	5112.47
84	60	11.51	-708.89	-10.72	76.85	563.72	-38980.86
	710	-11.51	708.89	10.72	-76.85	638.66	-38996.71
85	698	-131.25	929.28	-14.96	-60.71	449.61	4697.77
	60	131.25	-929.28	14.96	60.71	-543.95	38981.30
86	58	-25.38	724.76	-11.57	45.68	-441.31	30383.63
	700	25.38	-724.76	11.57	-45.68	649.97	3680.85
87	59	-9.01	-552.97	-8.55	-63.61	469.39	-30442.64
	58	9.01	552.97	8.55	63.61	480.47	-30383.83
88	699	18.11	733.98	-6.68	52.25	551.87	4057.74
	59	-18.11	-733.98	6.68	-52.25	-423.95	30442.93
89	708	-1359.54	-22.26	-88.74	0.00	21298.66	-5341.98
	59	1359.54	22.26	88.74	0.00	0.00	0.00

90	709	1355.23	8.72	-89.12	0.00	21388.76	2093.23
	58	-1355.23	-8.72	89.12	0.00	0.00	0.00
95	704	-112.80	-34.81	-81.32	0.00	19516.98	-8354.00
	707	112.80	34.81	81.32	0.00	0.00	0.00
96	705	90.85	-34.14	-89.96	0.00	21590.31	-8192.43
	706	-90.85	34.14	89.96	0.00	0.00	0.00
101	142	786.89	-48.72	-110.82	0.00	26597.37	-11693.75
	699	-786.89	48.72	110.82	0.00	0.00	0.00
102	131	-727.24	28.77	-111.42	0.00	26739.79	6905.71
	700	727.24	-28.77	111.42	0.00	0.00	0.00
217	280	-101.27	-883.58	-19.51	-0.56	831.20	-38011.78
	274	101.27	883.58	19.51	0.56	847.49	-37976.24
218	127	-155.27	-1680.56	-16.49	-1.13	791.48	-72206.22
	616	155.27	1680.56	16.49	1.13	-704.35	-72321.64
219	404	444.41	-121.82	-51.92	3.97	2662.94	-5469.60
	428	-444.41	121.82	51.92	-3.97	2018.75	-5494.60
224	62	75.22	-1761.29	19.31	-0.52	-803.36	-75742.22
	608	-75.22	1761.29	-19.31	0.52	-912.65	-75728.55
225	112	113.68	-1828.23	23.68	-0.63	-906.75	-78605.59
	612	-113.68	1828.23	-23.68	0.63	-1199.97	-78621.87
226	400	293.33	-118.93	-75.36	0.79	3705.25	-5327.47
	420	-293.33	118.93	75.36	-0.79	3081.29	-5376.70
227	396	476.95	-84.65	-47.99	-2.18	2391.73	-3724.88
	412	-476.95	84.65	47.99	2.18	1932.10	-3893.75
686	288	-99.78	-1442.12	-17.42	0.53	799.14	-61993.40
	283	99.78	1442.12	17.42	-0.53	705.16	-62029.12
91	709	-3024.31	449.75	-16.65	-584.11	-2850.26	15133.75
	40	3024.31	-449.75	16.65	584.11	3217.00	-3943.78
92	132	-6620.67	2067.66	21.81	-934.80	-2668.06	44589.82
	709	6620.67	-2067.66	-21.81	934.80	2435.22	-19810.34
93	708	2976.79	-434.06	-25.41	-930.68	-4081.52	-14851.30
	53	-2976.79	434.06	25.41	930.68	4621.53	4045.67
94	139	6521.79	-2059.25	49.04	-1355.15	-4639.70	-44428.17
	708	-6521.79	2059.25	-49.04	1355.15	4067.19	19748.66
97	705	-473.74	-114.01	-23.93	2285.20	-7456.04	2113.31
	150	473.74	114.01	23.93	-2285.20	7546.78	-3279.65
98	5	-163.29	-21.43	-85.06	1120.64	-4182.06	264.11
	705	163.29	21.43	85.06	-1120.64	6031.20	-707.12
99	704	660.74	137.91	-39.91	2016.41	-1702.73	-2181.22
	147	-660.74	-137.91	39.91	-2016.41	2066.68	3615.78
100	160	186.43	39.73	86.26	3625.56	-2685.97	300.39
	704	-186.43	-39.73	-86.26	-3625.56	1175.52	842.96
103	697	12.24	-65.48	13.16	-601.85	-118.37	-288.32
	146	-12.24	65.48	-13.16	601.85	41.31	-104.80
104	25	-219.22	-32.34	-60.54	-1805.04	-412.27	368.26
	697	219.22	32.34	60.54	1805.04	1088.59	-1109.57
105	696	-10.02	54.14	-15.03	760.10	164.56	237.98
	143	10.02	-54.14	15.03	-760.10	-75.19	-90.38
106	33	200.26	-32.00	60.50	2030.90	-852.90	-470.55
	696	-200.26	32.00	-60.50	-2030.90	-621.15	964.04
107	205	-2.46e-006	1.06e-009	-2.57e-010	-7.98e-008	2.37e-008	-7.67e-008
	222	2.46e-006	-1.06e-009	2.57e-010	7.98e-008	-2.77e-008	1.06e-007
108	212	-4.62e-006	-1.44e-009	-1.41e-009	4.26e-008	2.07e-008	-1.23e-007

	204	4.62e-006	1.44e-009	1.41e-009	-4.26e-008	2.30e-008	8.14e-008
109	312	1.08e-005	8.17e-009	3.52e-009	-1.49e-007	-3.61e-008	2.24e-007
	205	-1.08e-005	-8.17e-009	-3.52e-009	1.49e-007	-8.49e-008	5.00e-008
110	308	1.50e-005	2.28e-010	3.01e-010	-4.98e-008	1.50e-008	5.78e-008
	312	-1.50e-005	-2.28e-010	-3.01e-010	4.98e-008	-1.66e-008	-5.34e-008
111	204	5.86e-006	-9.86e-009	-2.42e-009	5.35e-008	4.06e-008	-9.79e-008
	308	-5.86e-006	9.86e-009	2.42e-009	-5.35e-008	4.46e-008	-2.32e-007
112	32	-2.36e-006	-8.62e-010	1.81e-009	-8.36e-008	5.74e-008	-1.46e-008
	143	2.36e-006	8.62e-010	-1.81e-009	8.36e-008	-1.21e-007	-3.31e-008
113	30	3.17e-006	-4.39e-010	1.84e-009	-3.65e-008	-7.60e-008	-2.64e-008
	32	-3.17e-006	4.39e-010	-1.84e-009	3.65e-008	2.68e-008	1.45e-008
114	364	3.70e-006	-1.14e-009	3.12e-009	-5.56e-008	-1.70e-007	-3.66e-008
	30	-3.70e-006	1.14e-009	-3.12e-009	5.56e-008	5.93e-008	1.73e-008
115	27	2.86e-006	-8.42e-010	1.74e-009	6.78e-008	7.12e-008	8.82e-009
	146	-2.86e-006	8.42e-010	-1.74e-009	-6.78e-008	-1.35e-007	-3.90e-008
116	26	1.67e-006	-4.31e-010	5.46e-010	5.05e-008	2.00e-008	-1.74e-008
	27	-1.67e-006	4.31e-010	-5.46e-010	-5.05e-008	-3.98e-008	7.29e-009
117	365	-3.85e-006	-1.75e-009	-2.72e-009	6.03e-008	1.01e-007	-4.79e-008
	26	3.85e-006	1.75e-009	2.72e-009	-6.03e-008	1.18e-008	-1.82e-008
118	3	4.51e-006	-4.36e-009	1.00e-009	-1.19e-007	4.99e-008	-3.20e-008
	150	-4.51e-006	4.36e-009	-1.00e-009	1.19e-007	-8.56e-008	-1.30e-007
119	168	1.31e-006	5.81e-010	7.36e-010	-5.23e-008	-9.56e-009	1.17e-008
	3	-1.31e-006	-5.81e-010	-7.36e-010	5.23e-008	-2.87e-008	1.07e-008
120	367	1.50e-006	5.56e-010	9.96e-011	-4.46e-008	-6.81e-009	1.67e-008
	168	-1.50e-006	-5.56e-010	-9.96e-011	4.46e-008	9.24e-009	-5.37e-009
121	428	-2.86e-006	4.39e-010	1.43e-010	-3.80e-008	-5.97e-009	1.60e-008
	367	2.86e-006	-4.39e-010	-1.43e-010	3.80e-008	7.56e-009	7.18e-009
122	426	2.50e-006	-9.72e-010	-3.27e-010	-2.19e-008	1.59e-008	-7.35e-009
	428	-2.50e-006	9.72e-010	3.27e-010	2.19e-008	6.07e-009	-3.99e-008
123	424	-5.61e-006	7.33e-010	-1.17e-010	-2.01e-008	1.93e-008	1.89e-008
	426	5.61e-006	-7.33e-010	1.17e-010	2.01e-008	-1.42e-008	1.61e-008
124	422	-8.30e-006	7.62e-010	-8.15e-011	-1.91e-008	2.33e-008	1.95e-008
	424	8.30e-006	-7.62e-010	8.15e-011	1.91e-008	-1.97e-008	1.69e-008
125	420	-1.15e-005	3.77e-010	2.18e-010	-2.05e-008	1.86e-008	1.50e-008
	422	1.15e-005	-3.77e-010	-2.18e-010	2.05e-008	-2.68e-008	1.42e-008
126	418	-1.18e-005	-5.52e-010	-4.56e-010	2.38e-008	3.89e-008	-8.72e-009
	420	1.18e-005	5.52e-010	4.56e-010	-2.38e-008	-1.95e-008	-2.22e-008
127	416	-1.63e-005	9.87e-010	-1.57e-010	2.02e-008	4.39e-008	1.93e-008
	418	1.63e-005	-9.87e-010	1.57e-010	-2.02e-008	-3.68e-008	2.75e-008
128	414	-1.99e-005	1.00e-009	-1.23e-010	1.88e-008	5.02e-008	1.93e-008
	416	1.99e-005	-1.00e-009	1.23e-010	-1.88e-008	-4.47e-008	2.83e-008
129	412	-2.37e-005	9.81e-010	8.31e-011	1.70e-008	5.05e-008	1.56e-008
	414	2.37e-005	-9.81e-010	-8.31e-011	-1.70e-008	-5.30e-008	3.44e-008
130	410	-2.62e-005	2.62e-010	-3.36e-010	3.07e-008	6.61e-008	7.67e-009
	412	2.62e-005	-2.62e-010	3.36e-010	-3.07e-008	-5.14e-008	5.24e-009
131	408	-3.27e-005	1.43e-009	-1.37e-010	3.03e-008	7.11e-008	1.77e-008
	410	3.27e-005	-1.43e-009	1.37e-010	-3.03e-008	-6.50e-008	4.96e-008
132	406	-3.84e-005	1.48e-009	-2.45e-010	3.29e-008	8.17e-008	1.53e-008
	408	3.84e-005	-1.48e-009	2.45e-010	-3.29e-008	-7.05e-008	5.48e-008
133	293	-5.16e-005	-4.94e-009	-1.02e-009	3.65e-008	1.20e-007	-1.95e-007
	406	5.16e-005	4.94e-009	1.02e-009	-3.65e-008	-7.35e-008	-3.51e-008
134	164	-6.04e-006	-4.03e-009	9.20e-010	-1.26e-007	6.12e-008	-2.12e-008
	147	6.04e-006	4.03e-009	-9.20e-010	1.26e-007	-9.34e-008	-1.31e-007

135	163	-4.53e-006	2.66e-010	1.05e-009	-6.62e-008	-3.88e-008	1.62e-008
	164	4.53e-006	-2.66e-010	-1.05e-009	6.62e-008	2.27e-008	-1.14e-008
136	366	-3.40e-006	2.31e-010	-8.56e-011	-3.50e-008	-3.94e-008	1.70e-008
	163	3.40e-006	-2.31e-010	8.56e-011	3.50e-008	3.97e-008	-1.33e-008
137	404	-2.00e-006	-1.55e-009	-1.86e-010	-3.60e-008	-3.27e-008	-4.22e-008
	366	2.00e-006	1.55e-009	1.86e-010	3.60e-008	4.04e-008	-3.09e-008
138	403	-4.68e-006	-7.59e-010	2.53e-010	-1.86e-008	-5.51e-008	7.80e-009
	404	4.68e-006	7.59e-010	-2.53e-010	1.86e-008	4.37e-008	-3.55e-008
139	402	-4.68e-006	-3.18e-010	-3.27e-010	1.69e-008	-3.52e-008	3.81e-009
	403	4.68e-006	3.18e-010	3.27e-010	-1.69e-008	4.95e-008	-1.42e-008
140	401	-4.22e-006	-3.39e-010	-3.93e-010	-1.97e-008	-1.34e-008	-8.73e-009
	402	4.22e-006	3.39e-010	3.93e-010	1.97e-008	2.65e-008	-8.84e-009
141	400	-4.09e-006	-1.67e-009	-4.15e-010	-3.63e-008	1.82e-008	-5.60e-008
	401	4.09e-006	1.67e-009	4.15e-010	3.63e-008	1.36e-008	-2.22e-008
142	399	-7.72e-006	-1.13e-009	3.14e-010	1.54e-008	-1.99e-008	-1.89e-008
	400	7.72e-006	1.13e-009	-3.14e-010	-1.54e-008	1.25e-008	-3.44e-008
143	398	-8.54e-006	-5.26e-010	-3.54e-010	1.50e-008	-2.01e-008	-1.57e-008
	399	8.54e-006	5.26e-010	3.54e-010	-1.50e-008	1.67e-008	-1.04e-008
144	397	-8.92e-006	-5.68e-010	-4.15e-010	-1.74e-008	4.35e-008	-2.21e-008
	398	8.92e-006	5.68e-010	4.15e-010	1.74e-008	-2.68e-008	-6.74e-009
145	396	-9.60e-006	-1.87e-009	-3.16e-010	-3.11e-008	5.87e-008	-6.52e-008
	397	9.60e-006	1.87e-009	3.16e-010	3.11e-008	-4.59e-008	-2.27e-008
146	395	-1.46e-005	-9.42e-010	1.66e-010	-1.78e-008	4.24e-008	-2.38e-008
	396	1.46e-005	9.42e-010	-1.66e-010	1.78e-008	-4.81e-008	-2.03e-008
147	394	-1.80e-005	-9.45e-010	-3.83e-010	-1.90e-008	6.39e-008	-2.57e-008
	395	1.80e-005	9.45e-010	3.83e-010	1.90e-008	-4.74e-008	-2.00e-008
148	393	-2.06e-005	-1.07e-009	-7.67e-010	-2.41e-008	1.05e-007	-3.24e-008
	394	2.06e-005	1.07e-009	7.67e-010	2.41e-008	-7.05e-008	-1.97e-008
149	292	-2.80e-005	1.99e-009	-2.46e-009	-3.25e-008	1.98e-007	7.29e-008
	393	2.80e-005	-1.99e-009	2.46e-009	3.25e-008	-8.64e-008	2.03e-008
150	221	-5.96e-005	1.50e-008	4.22e-009	1.01e-008	1.39e-007	1.21e-007
	205	5.96e-005	-1.50e-008	-4.22e-009	-1.01e-008	-2.61e-007	3.13e-007
151	219	-5.06e-005	6.54e-010	3.45e-010	-1.76e-008	1.36e-007	1.21e-008
	221	5.06e-005	-6.54e-010	-3.45e-010	1.76e-008	-1.51e-007	1.76e-008
152	217	-5.13e-005	8.82e-010	-2.37e-010	-1.51e-008	1.53e-007	1.58e-008
	219	5.13e-005	-8.82e-010	2.37e-010	1.51e-008	-1.42e-007	2.33e-008
153	180	-5.27e-005	8.05e-010	-3.85e-010	1.06e-008	1.72e-007	1.69e-008
	217	5.27e-005	-8.05e-010	3.85e-010	-1.06e-008	-1.55e-007	1.89e-008
154	57	-6.71e-005	-7.11e-009	-9.93e-010	1.48e-008	1.95e-007	-2.52e-007
	180	6.71e-005	7.11e-009	9.93e-010	-1.48e-008	-1.48e-007	-9.61e-008
155	215	-6.51e-005	-1.86e-008	1.27e-009	-2.79e-008	1.68e-007	-1.42e-007
	204	6.51e-005	1.86e-008	-1.27e-009	2.79e-008	-2.03e-007	-3.96e-007
156	214	-5.14e-005	-3.47e-010	-3.12e-010	6.72e-009	1.84e-007	-1.28e-008
	215	5.14e-005	3.47e-010	3.12e-010	-6.72e-009	-1.73e-007	-8.37e-009
157	213	-4.86e-005	-4.18e-010	-3.75e-010	1.39e-008	2.17e-007	-1.17e-008
	214	4.86e-005	4.18e-010	3.75e-010	-1.39e-008	-2.02e-007	-7.11e-009
158	179	-4.83e-005	-3.66e-010	4.12e-010	-8.59e-009	2.09e-007	-1.35e-008
	213	4.83e-005	3.66e-010	-4.12e-010	8.59e-009	-2.27e-007	-8.57e-009
159	56	-6.15e-005	6.44e-009	1.00e-009	-1.89e-008	1.18e-007	2.33e-007
	179	6.15e-005	-6.44e-009	-1.00e-009	1.89e-008	-1.66e-007	8.26e-008
160	42	8.86e-005	3.49e-010	-5.73e-008	5.61e-008	2.68e-007	1.61e-008
	132	-8.86e-005	-3.49e-010	5.73e-008	-5.61e-008	1.85e-006	-8.73e-009
161	41	3.72e-005	1.35e-010	-2.65e-010	1.99e-008	2.50e-008	9.58e-009

	42	-3.72e-005	-1.35e-010	2.65e-010	-1.99e-008	-2.13e-008	8.61e-009
162	357	3.13e-005	2.08e-010	1.33e-009	-2.82e-008	-1.28e-007	1.36e-008
	41	-3.13e-005	-2.08e-010	-1.33e-009	2.82e-008	8.02e-008	-9.54e-009
163	616	1.20e-005	-1.23e-010	-1.22e-008	-3.57e-008	3.90e-007	7.00e-009
	357	-1.20e-005	1.23e-010	1.22e-008	3.57e-008	1.79e-007	-1.21e-008
164	615	4.48e-005	-1.51e-010	-1.20e-008	-4.01e-008	8.27e-008	-8.30e-009
	616	-4.48e-005	1.51e-010	1.20e-008	4.01e-008	4.75e-007	3.46e-009
165	614	2.26e-005	3.73e-011	2.18e-009	-3.79e-008	-6.90e-008	-9.18e-009
	615	-2.26e-005	-3.73e-011	-2.18e-009	3.79e-008	-3.49e-008	1.07e-008
166	613	1.18e-005	7.94e-011	2.22e-009	-3.00e-008	-7.90e-008	-5.84e-009
	614	-1.18e-005	-7.94e-011	-2.22e-009	3.00e-008	-2.81e-008	9.43e-009
167	612	-1.43e-005	9.63e-011	-1.29e-008	-2.03e-008	4.60e-007	-6.01e-009
	613	1.43e-005	-9.63e-011	1.29e-008	2.03e-008	1.43e-007	7.76e-009
168	611	2.48e-005	-1.28e-010	-1.30e-008	-1.53e-008	1.39e-007	-1.45e-008
	612	-2.48e-005	1.28e-010	1.30e-008	1.53e-008	4.69e-007	9.79e-009
169	610	7.68e-006	1.13e-010	2.37e-009	1.43e-008	-3.45e-008	-9.38e-009
	611	-7.68e-006	-1.13e-010	-2.37e-009	-1.43e-008	-8.00e-008	1.46e-008
170	609	-1.55e-005	1.24e-010	2.38e-009	2.00e-008	-4.20e-008	-3.26e-009
	610	1.55e-005	-1.24e-010	-2.38e-009	-2.00e-008	-7.35e-008	8.73e-009
171	608	-3.81e-005	8.50e-011	-1.23e-008	2.87e-008	4.85e-007	-4.13e-009
	609	3.81e-005	-8.50e-011	1.23e-008	-2.87e-008	8.95e-008	4.58e-009
172	607	9.23e-006	-9.62e-011	-1.23e-008	2.90e-008	1.75e-007	-9.60e-009
	608	-9.23e-006	9.62e-011	1.23e-008	-2.90e-008	3.98e-007	7.35e-009
173	606	-2.84e-005	1.13e-010	2.49e-009	3.31e-008	-2.26e-008	-5.10e-009
	607	2.84e-005	-1.13e-010	-2.49e-009	-3.31e-008	-1.28e-007	1.02e-008
174	605	-4.10e-005	1.14e-010	2.49e-009	3.61e-008	-2.18e-008	1.84e-009
	606	4.10e-005	-1.14e-010	-2.49e-009	-3.61e-008	-1.24e-007	4.85e-009
175	283	-6.36e-005	-7.61e-011	-1.01e-008	3.78e-008	4.63e-007	-3.37e-009
	605	6.36e-005	7.61e-011	1.01e-008	-3.78e-008	1.40e-008	1.87e-009
176	350	-3.62e-005	7.60e-011	-1.18e-008	3.94e-008	2.03e-007	-4.22e-009
	283	3.62e-005	-7.60e-011	1.18e-008	-3.94e-008	3.01e-007	5.76e-009
177	349	-5.88e-005	1.29e-010	3.23e-009	3.45e-008	5.95e-008	1.92e-009
	350	5.88e-005	-1.29e-010	-3.23e-009	-3.45e-008	-1.93e-007	5.50e-009
178	195	-7.37e-005	7.47e-011	1.77e-009	2.95e-008	7.68e-008	3.59e-009
	349	7.37e-005	-7.47e-011	-1.77e-009	-2.95e-008	-1.76e-007	-1.97e-009
179	274	-9.93e-005	-1.28e-010	-1.70e-008	1.91e-008	5.69e-007	2.70e-009
	195	9.93e-005	1.28e-010	1.70e-008	-1.91e-008	-7.57e-008	-5.28e-009
180	273	-7.88e-005	2.08e-010	-6.98e-009	1.36e-008	2.17e-007	9.83e-009
	274	7.88e-005	-2.08e-010	6.98e-009	-1.36e-008	9.06e-008	-1.98e-009
181	272	-1.02e-004	1.42e-010	3.35e-009	-1.41e-008	1.27e-007	1.90e-008
	273	1.02e-004	-1.42e-010	-3.35e-009	1.41e-008	-2.73e-007	-1.29e-008
182	170	-1.43e-004	-1.02e-009	-2.65e-008	-3.73e-008	1.00e-006	-1.68e-008
	272	1.43e-004	1.02e-009	2.65e-008	3.73e-008	1.60e-007	-2.97e-008
183	52	-8.77e-005	-2.68e-010	-5.76e-008	9.09e-008	2.74e-007	-2.59e-008
	139	8.77e-005	2.68e-010	5.76e-008	-9.09e-008	1.86e-006	2.20e-008
184	50	-3.41e-005	-1.80e-010	-2.83e-010	3.05e-008	2.57e-008	6.66e-009
	52	3.41e-005	1.80e-010	2.83e-010	-3.05e-008	-3.24e-008	-7.52e-009
185	362	-2.70e-005	-1.20e-010	1.30e-009	1.77e-008	-1.14e-007	5.87e-009
	50	2.70e-005	1.20e-010	-1.30e-009	-1.77e-008	6.69e-008	-9.45e-009
186	127	-9.75e-006	8.86e-011	-1.22e-008	1.86e-008	3.97e-007	6.17e-009
	362	9.75e-006	-8.86e-011	1.22e-008	-1.86e-008	1.72e-007	-5.88e-009
187	124	-4.55e-005	7.28e-011	-1.27e-008	1.79e-008	9.60e-008	1.04e-008
	127	4.55e-005	-7.28e-011	1.27e-008	-1.79e-008	4.95e-007	-9.11e-009

188	120	-2.50e-005	-1.33e-010	1.78e-009	-1.97e-008	-6.43e-008	5.87e-009
	124	2.50e-005	1.33e-010	-1.78e-009	1.97e-008	-2.24e-008	-1.05e-008
189	116	-1.46e-005	-1.49e-010	1.88e-009	-2.03e-008	-7.39e-008	-7.34e-009
	120	1.46e-005	1.49e-010	-1.88e-009	2.03e-008	1.94e-008	-5.04e-009
190	112	1.12e-005	-9.54e-011	-1.34e-008	-1.92e-008	4.71e-007	-7.85e-009
	116	-1.12e-005	9.54e-011	1.34e-008	1.92e-008	1.54e-007	8.04e-009
191	107	-2.92e-005	1.16e-010	-1.32e-008	-1.88e-008	1.41e-007	5.01e-009
	112	2.92e-005	-1.16e-010	1.32e-008	1.88e-008	4.73e-007	4.41e-009
192	103	-9.22e-006	-1.22e-010	2.07e-009	-2.00e-008	-3.04e-008	-6.52e-009
	107	9.22e-006	1.22e-010	-2.07e-009	2.00e-008	-7.11e-008	-4.55e-009
193	99	-1.06e-005	-1.38e-010	2.11e-009	-2.02e-008	-3.68e-008	-1.37e-008
	103	1.06e-005	1.38e-010	-2.11e-009	2.02e-008	-6.71e-008	8.11e-009
194	62	3.15e-005	8.16e-011	-1.25e-008	-1.93e-008	4.91e-007	-1.26e-008
	99	-3.15e-005	-8.16e-011	1.25e-008	1.93e-008	9.38e-008	1.41e-008
195	622	-9.47e-006	1.45e-010	-1.25e-008	-1.56e-008	1.79e-007	5.99e-009
	62	9.47e-006	-1.45e-010	1.25e-008	1.56e-008	4.02e-007	8.08e-009
196	620	2.09e-005	4.13e-011	2.34e-009	-1.55e-008	-2.45e-008	6.58e-009
	622	-2.09e-005	-4.13e-011	-2.34e-009	1.55e-008	-1.25e-007	-5.42e-009
197	618	3.30e-005	-6.92e-011	2.27e-009	1.49e-008	-2.46e-008	8.25e-009
	620	-3.30e-005	6.92e-011	-2.27e-009	-1.49e-008	-1.21e-007	-7.26e-009
198	288	5.47e-005	-1.14e-010	-1.03e-008	1.50e-008	4.71e-007	8.09e-009
	618	-5.47e-005	1.14e-010	1.03e-008	-1.50e-008	1.53e-008	-9.11e-009
199	354	2.60e-005	-2.34e-010	-1.25e-008	1.45e-008	2.17e-007	-1.74e-008
	288	-2.60e-005	2.34e-010	1.25e-008	-1.45e-008	3.15e-007	8.93e-009
200	352	4.71e-005	-1.02e-010	2.93e-009	1.37e-008	6.35e-008	-2.35e-008
	354	-4.71e-005	1.02e-010	-2.93e-009	-1.37e-008	-1.85e-007	2.02e-008
201	200	6.10e-005	2.90e-010	1.71e-009	1.41e-008	7.45e-008	-5.08e-009
	352	-6.10e-005	-2.90e-010	-1.71e-009	-1.41e-008	-1.71e-007	1.97e-008
202	280	8.67e-005	3.92e-010	-1.67e-008	-9.24e-009	5.62e-007	1.47e-008
	200	-8.67e-005	-3.92e-010	1.67e-008	9.24e-009	-7.86e-008	5.85e-009
203	278	6.72e-005	-2.06e-010	-7.28e-009	-8.99e-009	2.26e-007	9.29e-009
	280	-6.72e-005	2.06e-010	7.28e-009	8.99e-009	9.48e-008	-1.73e-008
204	276	9.08e-005	-1.76e-010	3.07e-009	-2.02e-008	1.40e-007	-6.67e-009
	278	-9.08e-005	1.76e-010	-3.07e-009	2.02e-008	-2.73e-007	4.59e-009
205	175	1.27e-004	9.52e-010	-2.39e-008	-2.49e-008	9.28e-007	2.69e-008
	276	-1.27e-004	-9.52e-010	2.39e-008	2.49e-008	1.22e-007	1.57e-008
220	14	36900.77	-495.07	-2457.33	0.00	24573.25	-4950.74
	192	-36900.77	495.07	2457.33	0.00	0.00	0.00
221	11	34013.04	-609.28	-2249.44	0.00	22494.36	-6092.76
	191	-34013.04	609.28	2249.44	0.00	0.00	0.00
222	4	-34387.41	2226.72	-3626.60	0.00	36265.98	22267.19
	695	34387.41	-2226.72	3626.60	0.00	0.00	0.00
223	1	-36190.94	-1580.16	-3252.63	0.00	32526.27	-15801.63
	694	36190.94	1580.16	3252.63	0.00	0.00	0.00
228	20	-317.57	-245.63	31.15	347.90	-489.37	-5353.11
	138	317.57	245.63	-31.15	-347.90	-1543.54	-6213.07
229	137	-280.00	-55.06	10.75	155.80	-62.41	506.26
	20	280.00	55.06	-10.75	-155.80	520.81	-2128.60
230	10	216.83	-55.92	-8.75	284.77	440.32	-2125.42
	135	-216.83	55.92	8.75	-284.77	-96.18	524.46
231	134	-212.67	-238.93	-26.94	284.43	1475.56	-5884.92
	10	212.67	238.93	26.94	-284.43	-561.40	-5370.03
232	131	-1982.35	-216.31	-53.72	-607.88	5602.55	-2872.84

	40	1982.35	216.31	53.72	607.88	-4461.41	-5490.87
233	53	2052.15	-204.90	-62.94	-682.37	-6310.31	-5511.48
	142	-2052.15	204.90	62.94	682.37	7671.71	-3062.54
234	33	-79.89	-66.80	56.09	488.45	813.05	-884.93
	131	79.89	66.80	-56.09	-488.45	-2476.59	-1210.93
235	25	84.36	57.65	-18.28	-465.82	240.20	-498.89
	138	-84.36	-57.65	18.28	465.82	757.98	1251.68
236	5	-260.65	-69.62	-28.06	604.47	2959.64	471.48
	134	260.65	69.62	28.06	-604.47	-2351.49	-1883.39
237	160	321.64	90.16	108.73	1108.40	3546.77	774.00
	142	-321.64	-90.16	-108.73	-1108.40	-6714.92	2069.51
370	147	275.91	-234.44	254.38	4178.68	-5489.47	-10284.22
	150	-275.91	234.44	-254.38	-4178.68	-18458.19	-10820.30
372	139	-120.81	-3023.86	-205.64	-1072.64	11539.21	-130189.07
	132	120.81	3023.86	205.64	1072.64	6513.86	-129863.08
Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
1	53	-1.68	-7.94	4.91	-132.96	-304.84	100.85
	51	-1.68	16.89	2.18	79.93	-175.02	45.60
	708	2.06	-7.94	-3.55	-176.39	-202.08	188.76
2	708	12.65	-20.85	0.46	101.72	-165.90	158.13
	52	12.65	80.68	-12.25	75.48	-439.53	170.31
	139	20.11	-11.19	-15.64	97.88	-540.58	75.60
3	132	-26.57	17.66	-3.42	43.92	274.10	163.59
	42	-26.57	-67.05	-29.83	81.03	218.46	184.39
	709	-9.44	17.66	10.34	48.09	94.66	146.75
4	3	-0.59	-6.62	-0.63	295.74	-685.19	-107.81
	705	-0.59	1.45	8.44e-002	491.06	-580.79	-106.88
	150	-0.95	0.82	-1.08	472.33	-659.83	-75.77
5	164	1.81	5.85	-2.20	283.02	161.40	-352.21
	147	1.81	-1.76	-0.35	439.05	274.42	-311.81
	704	0.70	-1.76	0.84	451.04	-162.52	-257.37
6	27	-0.86	0.29	0.65	-330.51	171.56	187.83
	146	-0.86	-4.53e-002	-0.14	-632.03	-50.43	162.10
	697	-0.60	-4.53e-002	-0.12	-636.19	236.94	126.21
7	32	0.71	-0.25	-0.54	259.33	-185.43	-228.36
	143	0.71	3.71e-002	-0.17	560.00	56.41	-200.45
	696	-0.50	3.71e-002	-0.16	564.47	-270.97	-161.36
8	46	9.14	-6.23	22.01	-35.26	349.95	-55.02
	133	9.14	-8.83	26.00	-27.16	-58.52	13.47
	45	6.65	-6.36	22.62	-21.20	-318.64	-166.05
9	677	-5.29	-3.87	2.32	360.86	-67.13	-99.03
	71	-5.29	2.97	2.28	-16.75	-39.81	-158.27
	680	-5.23	-1.49	-0.29	194.25	-80.69	-102.93
10	72	3.63	2.64	-2.30	-257.06	35.68	124.94
	82	3.63	-1.16	-4.50	-161.67	191.31	-21.93
	79	7.00	1.86	-1.30	-346.63	-93.27	215.69
66	709	8.06	-2.19	-3.32	-160.10	-71.83	-120.80
	40	8.06	1.61	5.22	-221.57	-54.98	-76.44
	37	-17.00	1.61	2.44	-144.83	73.22	-53.71
67	42	-2.60	-17.34	5.13	24.60	47.39	-95.36
	37	-2.60	7.14	6.58	191.39	-91.42	-61.26
	709	-5.49	-9.40	-6.65	130.61	52.33	-158.39
68	51	2.56	-7.27	6.87	-236.53	105.73	-59.70
	52	2.56	17.14	5.29	-47.61	75.33	-136.91
	708	5.72	9.22	-6.41	-198.36	-143.10	-215.33
69	5	0.44	0.26	0.41	-199.66	179.73	104.23
	705	0.44	0.10	0.34	-611.01	260.30	204.72

	2	-0.85	0.26	0.56	-349.04	332.86	80.06
70	704	-0.18	0.38	-0.33	-743.44	598.75	-74.36
	155	-0.18	-0.79	0.44	-278.08	225.52	-92.12
	160	-0.67	-0.33	0.25	-591.77	183.52	-150.91
71	164	0.95	0.29	-0.47	-83.97	230.17	-286.65
	704	0.95	-0.27	0.38	275.42	463.77	-354.67
	155	-0.54	0.25	-0.20	-93.02	280.36	-105.69
72	2	-0.31	0.51	-0.44	-125.56	91.75	-280.07
	705	-0.31	-0.73	-0.25	-228.42	271.30	-286.92
	3	-0.90	-6.73e-002	0.19	-157.72	195.52	-150.41
73	697	-0.11	0.75	0.31	689.84	-650.96	-203.50
	24	-0.11	-1.95	-0.55	253.24	-146.80	-257.47
	25	0.85	-0.15	0.66	535.82	-162.89	23.13
74	27	-0.17	-0.76	0.39	62.36	295.63	-181.94
	24	-0.17	0.58	0.35	-41.05	276.94	-86.03
	697	-8.99e-002	-0.49	-0.46	170.81	641.67	-184.35
75	31	0.19	-0.53	0.29	149.06	-155.27	63.88
	32	0.19	0.62	0.34	80.32	207.40	206.52
	696	9.00e-002	-0.39	0.46	282.99	572.54	249.99
76	31	0.17	1.79	-0.47	177.20	-223.76	165.13
	696	0.17	-0.83	0.27	732.82	-676.69	121.67
	33	-0.78	-0.24	0.60	547.15	-184.20	-94.68
238	686	0.16	0.11	0.35	-2108.10	1863.79	-242.66
	685	0.16	-0.24	0.49	-762.16	2749.39	87.37
	664	1.04	-0.24	0.47	-279.68	428.21	405.85
	675	1.04	0.11	0.32	-2395.67	46.32	240.84
239	641	-0.23	0.22	4.24e-002	-1403.51	2580.24	-548.46
	638	-0.23	-0.17	-0.19	275.21	2514.70	-1107.92
	685	0.16	-0.17	-8.45e-002	-580.89	2866.70	-793.53
	686	0.16	0.22	0.19	-1973.80	2234.19	-241.72
240	684	0.46	0.12	-0.24	-2094.81	1540.26	-124.79
	686	0.46	0.11	0.22	-2139.69	1561.81	198.91
	675	1.70	0.11	0.20	-1996.55	86.82	223.40
	673	1.70	0.12	-0.23	-1954.22	88.45	-152.09
241	640	-0.24	0.23	-4.45e-002	-1459.94	2431.90	248.20
	641	-0.24	0.22	4.53e-002	-1429.85	2454.73	-240.85
	686	0.46	0.22	8.69e-002	-1979.90	2073.70	-211.40
	684	0.46	0.23	-8.51e-002	-1975.96	2031.89	287.52
242	644	0.15	-0.21	-0.49	-725.68	2593.51	122.12
	684	0.15	0.12	-0.36	-2064.66	1795.69	320.80
	673	0.93	0.12	-0.36	-2320.42	58.30	-161.18
	661	0.93	-0.21	-0.49	-252.45	434.51	-314.70
243	637	-0.22	-0.14	0.16	246.95	2411.32	1045.57
	640	-0.22	0.23	3.99e-002	-1396.82	2508.54	547.46
	684	0.15	0.23	-0.18	-1922.74	2175.69	303.99
	644	0.15	-0.14	0.10	-591.74	2722.33	795.87
244	682	-0.10	0.20	3.20e-002	-169.33	383.38	-409.93
	689	-0.10	-0.12	-0.13	-289.84	361.11	-672.20
	638	-0.23	-0.12	-0.19	-231.58	1346.36	-944.13
	641	-0.23	0.20	-7.78e-002	-877.40	1723.63	-682.36
245	635	8.55e-002	5.81e-002	3.79e-002	570.90	-1436.23	-611.09
	632	8.55e-002	0.26	-0.19	-195.22	-1115.48	-867.48
	689	-0.10	0.26	-0.17	-228.01	-144.85	-662.27
	682	-0.10	5.81e-002	3.03e-002	-212.14	-95.65	-405.81
246	643	-7.92e-002	0.20	-2.36e-002	-366.62	536.42	321.99
	682	-7.92e-002	0.20	2.68e-002	-319.68	517.01	-331.36
	641	-0.24	0.20	1.92e-002	-1173.63	1654.51	-337.91
	640	-0.24	0.20	-1.37e-002	-1180.61	1638.79	323.21
247	634	0.16	6.84e-002	-3.13e-002	752.32	-1351.60	351.21

	635	0.16	5.81e-002	3.71e-002	786.66	-1365.24	-298.56
	682	-7.92e-002	5.81e-002	2.80e-002	-77.25	-205.73	-317.22
	643	-7.92e-002	6.84e-002	-3.49e-002	-93.76	-182.46	324.39
248	691	-0.10	-9.25e-002	8.78e-002	-399.62	406.72	632.46
	643	-0.10	0.20	-2.41e-002	-211.36	402.08	399.22
	640	-0.22	0.20	7.20e-002	-925.98	1707.45	649.25
	637	-0.22	-9.25e-002	0.17	-278.58	1334.71	882.04
249	631	0.10	0.27	0.18	-280.34	-1043.35	917.64
	634	0.10	6.84e-002	3.99e-002	474.59	-1412.81	671.83
	643	-0.10	6.84e-002	-3.52e-002	-286.91	-59.34	403.76
	691	-0.10	0.27	0.13	-248.05	-105.76	649.49
250	693	0.12	-3.29e-002	3.32e-002	1551.98	-2050.17	-201.98
	687	0.12	0.31	-0.26	386.58	-2617.27	-702.27
	632	8.55e-002	0.31	-0.27	-333.35	-2255.85	-1005.20
	635	8.55e-002	-3.29e-002	3.15e-002	1036.67	-2276.88	-500.96
251	671	-0.45	-4.43e-002	0.10	1764.22	-159.76	185.56
	652	-0.45	0.39	0.11	253.04	-424.92	357.36
	687	0.12	0.39	8.95e-002	559.32	-2555.24	70.84
	693	0.12	-4.43e-002	8.21e-002	1643.31	-1698.20	-228.76
252	692	-0.12	-2.55e-002	-7.71e-002	1500.48	-1931.59	250.96
	693	-0.12	-3.29e-002	3.68e-002	1534.33	-1917.19	-207.70
	635	0.16	-3.29e-002	4.57e-002	1051.36	-2173.88	-202.02
	634	0.16	-2.55e-002	-4.39e-002	988.28	-2170.66	257.77
253	669	-0.86	-4.29e-002	-0.18	1447.37	-187.37	-149.41
	671	-0.86	-4.43e-002	7.59e-002	1556.53	-161.68	148.20
	693	-0.12	-4.43e-002	8.06e-002	1655.49	-1471.92	139.00
	692	-0.12	-4.29e-002	-0.19	1620.81	-1474.51	-125.57
254	683	0.21	0.31	0.18	243.43	-2694.07	768.85
	692	0.21	-2.55e-002	-7.05e-002	1493.86	-2082.07	246.20
	634	0.10	-2.55e-002	-2.33e-002	976.59	-2286.68	556.34
	631	0.10	0.31	0.25	-495.48	-2238.35	1081.88
255	649	-0.22	0.36	-0.21	-182.85	-482.35	-364.27
	669	-0.22	-4.29e-002	-0.21	1775.90	-164.45	-190.15
	692	0.21	-4.29e-002	-0.18	1592.72	-1749.37	249.91
	683	0.21	0.36	-0.19	404.15	-2649.65	75.15
256	690	-7.34e-002	-0.41	-0.35	262.54	218.40	-246.40
	691	-7.34e-002	-9.25e-002	2.09e-002	285.72	170.67	476.00
	637	-0.16	-9.25e-002	5.49e-002	789.47	1483.47	785.21
	639	-0.16	-0.41	-0.32	1434.81	1028.06	94.43
257	633	0.12	0.31	-0.44	-1772.10	-716.38	130.67
	631	0.12	0.27	-3.02e-002	-1206.41	-1191.34	828.71
	691	-7.34e-002	0.27	5.06e-002	-614.15	358.86	493.64
	690	-7.34e-002	0.31	-0.40	-381.70	363.16	-240.66
258	91	-4.29e-002	-0.88	-0.65	-45.31	-301.87	-1149.98
	690	-4.29e-002	-0.41	-0.68	333.94	209.84	-599.26
	639	-9.03e-002	-0.41	-0.53	1481.95	877.52	-466.81
	95	-9.03e-002	-0.88	-0.50	361.10	1023.32	-1017.56
259	87	-5.63e-002	0.32	-0.65	-359.56	-727.24	-1026.17
	633	-5.63e-002	0.31	-0.69	-1762.88	-552.57	-467.66
	690	-4.29e-002	0.31	-0.72	-561.16	416.87	-581.57
	91	-4.29e-002	0.32	-0.68	42.11	727.86	-1139.64
260	688	-3.87e-002	-0.49	0.72	486.38	207.74	564.21
	626	-3.87e-002	-0.93	0.73	-48.94	-544.65	1132.27
	680	4.48e-002	-0.93	0.65	485.24	1265.03	1018.56
	642	4.48e-002	-0.49	0.63	1583.68	940.60	450.52
261	636	-0.15	0.37	0.78	-1484.03	-717.82	436.81
	72	-0.15	0.45	0.77	-414.68	-1052.35	976.18
	626	-3.87e-002	0.45	0.76	88.68	776.99	1110.73
	688	-3.87e-002	0.37	0.76	-455.31	302.42	571.48
262	689	-6.72e-002	-0.12	3.30e-002	383.71	156.23	-530.50

	688	-6.72e-002	-0.49	0.38	296.98	197.35	202.13
	642	-0.21	-0.49	0.33	1622.62	1069.76	-141.07
	638	-0.21	-0.12	-8.34e-002	942.46	1513.32	-843.92
263	632	0.16	0.26	4.90e-002	-982.09	-1275.85	-791.50
	636	0.16	0.37	0.46	-1549.06	-846.49	-133.65
	688	-6.72e-002	0.37	0.43	-286.01	249.42	190.80
	689	-6.72e-002	0.26	-7.07e-002	-449.92	258.36	-511.80
264	4	1.24	1.63	1.19	-5629.17	-5636.14	-140.75
	79	1.24	1.56	0.68	1409.71	-3384.90	467.85
	72	-0.15	1.56	0.48	-681.43	-1398.27	742.73
	636	-0.15	1.63	1.00	-2119.50	426.23	181.40
265	651	1.42	-0.33	-0.28	-4201.68	365.85	-636.66
	655	1.42	0.79	2.21e-002	-418.54	-430.02	-527.20
	79	1.24	0.79	0.69	1140.00	-3386.84	-136.32
	4	1.24	-0.33	0.41	-5599.17	-5292.86	-237.89
266	687	-0.24	0.31	-0.66	698.54	-3418.60	-720.37
	4	-0.24	1.63	0.15	-5187.47	-5621.98	-282.49
	636	0.16	1.63	0.69	-2194.34	256.15	-276.55
	632	0.16	0.31	-0.11	-1234.64	-2010.88	-712.24
267	652	1.46	0.39	-4.55e-002	-704.83	-648.01	303.18
	651	1.46	-0.33	-0.32	-4162.17	288.49	408.64
	4	-0.24	-0.33	-0.66	-5297.94	-5190.84	91.70
	687	-0.24	0.39	-0.33	625.33	-2963.50	-193.01
268	14	-0.59	0.23	0.78	5779.81	5782.57	-258.80
	677	-0.59	-1.13	0.46	-1026.65	3619.18	-59.72
	667	-1.14	-1.13	0.11	595.17	425.52	-514.43
	663	-1.14	0.23	0.46	4490.11	-403.94	-740.58
269	642	4.48e-002	-1.39	0.64	2199.81	-271.63	215.44
	680	4.48e-002	-2.24	0.36	798.61	1764.84	816.76
	677	-0.59	-2.24	0.47	-1274.43	3508.71	567.20
	14	-0.59	-1.39	0.75	5768.36	5895.42	-83.40
270	685	-0.42	-0.24	-0.28	-859.95	3280.00	-238.51
	14	-0.42	0.23	-0.29	6002.77	5792.97	-167.64
	663	-1.06	0.23	0.44	4784.85	-447.40	384.21
	664	-1.06	-0.24	0.44	501.96	611.64	320.57
271	638	-0.21	-0.17	-7.34e-002	1236.42	2221.82	-785.23
	642	-0.21	-1.39	0.35	2322.09	-207.70	-214.65
	14	-0.42	-1.39	0.16	5780.71	5947.60	-294.87
	685	-0.42	-0.17	-0.27	-841.42	3755.26	-868.12
272	1	0.20	1.50	-0.10	-5675.86	-5817.99	308.89
	683	0.20	0.31	0.55	547.39	-3543.16	796.75
	631	0.12	0.31	7.50e-002	-1465.20	-1970.61	765.43
	633	0.12	1.50	-0.56	-2479.22	382.84	281.11
273	645	1.80	-0.31	0.24	-4607.43	293.42	-418.05
	649	1.80	0.36	-0.11	-907.30	-714.36	-315.78
	683	0.20	0.36	0.23	494.35	-3104.56	221.64
	1	0.20	-0.31	0.53	-5829.43	-5538.17	118.18
274	83	1.08	1.06	-0.82	1288.18	-3795.73	-565.24
	1	1.08	1.50	-1.07	-5863.13	-5845.96	88.18
	633	-5.63e-002	1.50	-0.81	-2387.53	560.80	-173.71
	87	-5.63e-002	1.06	-0.56	-697.22	-1176.83	-765.07
275	648	1.58	0.95	-2.11e-002	-423.63	-504.95	596.65
	645	1.58	-0.31	0.24	-4594.26	356.42	705.13
	1	1.08	-0.31	-0.48	-5981.22	-5581.64	184.71
	83	1.08	0.95	-0.72	1123.54	-3274.07	93.30
276	11	-0.48	0.21	-0.32	5576.04	5401.99	164.15
	644	-0.48	-0.21	-0.31	-819.28	3084.14	266.15
	661	-1.09	-0.21	-0.45	469.34	603.63	-253.99
	657	-1.09	0.21	-0.46	4471.60	-362.78	-343.91
277	639	-0.16	-1.25	-0.27	2113.72	-179.27	182.03

	637	-0.16	-0.14	3.59e-002	1070.81	2126.74	742.50
	644	-0.48	-0.14	0.23	-801.58	3536.47	845.07
	11	-0.48	-1.25	-0.11	5340.38	5533.93	280.08
278	629	-0.40	-1.24	-0.52	-891.71	3112.20	-70.64
	11	-0.40	0.21	-0.82	5315.77	5361.16	173.49
	657	-1.09	0.21	-0.43	4181.46	-336.58	700.63
	658	-1.09	-1.24	-0.10	550.70	448.22	491.61
279	95	-9.03e-002	-1.67	-0.40	698.27	1439.20	-793.52
	639	-9.03e-002	-1.25	-0.47	2043.03	-214.99	-226.22
	11	-0.40	-1.25	-0.69	5187.14	5504.96	-70.65
	629	-0.40	-1.67	-0.61	-1039.10	3601.67	-596.95
280	630	0.37	-4.59	-0.90	-26.80	-14.50	18.30
	660	0.37	-6.34	0.27	88.68	49.29	8.50
	76	-0.87	-6.34	-0.49	-55.96	-91.55	9.49
	75	-0.87	-4.59	-1.13	27.90	-55.18	20.47
281	629	-1.24	-6.53	-0.60	-50.19	-459.55	-32.22
	658	-1.24	-5.30	-0.69	-28.03	-381.37	4.22
	660	0.37	-5.30	-0.62	85.68	-25.88	25.76
	630	0.37	-6.53	-0.54	26.83	33.81	-12.17
282	628	0.40	-2.15	1.18	-63.40	-37.14	-12.85
	630	0.40	-4.59	0.42	-9.44	-15.47	20.17
	75	-0.82	-4.59	0.33	18.75	-40.84	23.51
	80	-0.82	-2.15	1.27	15.43	-20.76	-16.60
283	95	-1.67	-3.98	1.56	137.23	-195.99	108.13
	629	-1.67	-6.53	0.12	-85.27	-413.23	55.52
	630	0.40	-6.53	0.24	-38.18	15.01	-15.31
	628	0.40	-3.98	1.66	-38.28	-90.24	40.15
284	94	0.21	0.68	3.08	-13.11	-16.97	-26.29
	628	0.21	-2.15	2.23	12.81	-33.59	-13.53
	80	-0.30	-2.15	1.88	20.49	-22.39	-22.79
	92	-0.30	0.68	2.73	27.26	-27.04	-36.10
285	91	-0.88	0.52	1.44	141.91	20.81	121.27
	95	-0.88	-3.98	1.48	-122.83	-157.49	108.48
	628	0.21	-3.98	2.71	-36.33	-38.70	18.48
	94	0.21	0.52	2.67	28.39	-27.50	30.32
286	90	-0.25	3.45	2.44	28.31	7.65	-31.00
	94	-0.25	0.68	3.20	56.66	-7.15	-34.10
	92	0.60	0.68	2.77	40.79	-39.51	-32.57
	96	0.60	3.45	2.00	41.47	-51.20	-29.07
287	87	0.32	5.01	1.79	156.68	244.70	91.39
	91	0.32	0.52	1.47	-147.51	46.64	126.29
	94	-0.25	0.52	2.80	-4.16	58.57	25.20
	90	-0.25	5.01	3.12	81.70	56.97	-18.98
288	86	-0.44	6.31	0.42	21.92	-20.39	9.85
	90	-0.44	3.45	1.56	117.58	8.28	-30.44
	96	0.97	3.45	1.52	54.83	-70.87	-17.24
	84	0.97	6.31	0.39	-18.21	-74.84	22.16
289	83	1.06	7.72	0.34	162.23	598.86	43.82
	87	1.06	5.01	1.90	-131.15	306.90	97.40
	90	-0.44	5.01	2.24	90.45	100.19	18.94
	86	-0.44	7.72	0.68	71.37	-57.31	-40.08
290	646	-0.45	8.51	0.63	-135.29	-47.28	12.38
	86	-0.45	6.31	0.25	22.68	-38.05	14.97
	84	0.81	6.31	-0.35	-30.02	-73.62	20.02
	88	0.81	8.51	0.15	-78.06	-68.54	17.33
291	648	0.95	6.05	-0.53	45.54	583.03	12.75
	83	0.95	7.72	-0.28	84.40	659.45	-59.18
	86	-0.45	7.72	0.50	12.97	-87.41	-26.20
	646	-0.45	6.05	0.24	-154.00	-44.28	46.70
292	82	-3.88e-002	1.65	-0.53	68.08	-24.50	20.28

	656	-3.88e-002	9.00	-0.23	-37.25	-94.43	-21.65
	125	1.96	9.00	0.88	-71.27	-30.33	-29.20
	129	1.96	1.65	1.49	29.79	-80.69	-17.18
293	79	0.79	7.88	0.48	124.16	470.91	16.61
	655	0.79	5.79	0.60	24.87	460.91	35.99
	656	-3.88e-002	5.79	-0.17	11.52	57.69	-9.35
	82	-3.88e-002	7.19	-0.43	115.16	16.32	120.77
294	78	-0.25	0.57	-5.73	53.86	11.01	41.12
	82	-0.25	1.65	-0.75	29.87	-17.74	29.14
	129	1.46	1.65	-1.60	33.48	-64.72	16.89
	133	1.46	0.57	-6.64	33.29	-32.64	22.29
295	626	0.45	0.41	-2.29	-164.55	42.01	-122.47
	72	0.45	4.73	-1.66	159.83	226.33	-102.03
	82	-0.25	5.35	-2.74	83.89	101.26	-14.02
	78	-0.25	0.41	-3.46	-8.77	67.43	-21.96
296	71	0.15	-1.22	-0.45	10.15	-18.81	19.77
	78	0.15	0.57	-5.60	-21.05	-11.25	30.62
	133	-1.25	0.57	-6.49	22.50	16.72	29.37
	140	-1.25	-1.22	-1.21	15.14	29.69	22.68
297	680	-0.93	-4.54	-1.43	-131.04	-169.36	-123.42
	626	-0.93	0.41	-2.28	159.93	21.61	-120.76
	78	0.15	0.41	-3.34	28.66	-38.23	-24.97
	71	0.15	-5.09	-2.35	-40.08	-85.89	-24.82
298	668	-9.11e-002	-8.05	0.73	30.49	109.98	-12.32
	71	-9.11e-002	-1.22	1.22	-47.90	-15.45	22.54
	140	-1.90	-1.22	2.13	27.27	29.49	33.07
	144	-1.90	-8.05	1.64	28.14	-117.06	-12.40
299	667	-1.13	-5.77	0.94	49.02	-354.00	33.97
	677	-1.13	-7.49	0.83	-92.61	-386.27	9.69
	71	-9.11e-002	-7.30	-0.44	-74.26	-38.34	93.59
	668	-9.11e-002	-5.77	0.79	-9.79	-110.22	-16.39
300	676	0.50	-7.56	1.12	-45.20	18.88	-12.57
	666	0.50	-8.68	1.35	-21.16	24.33	-13.26
	165	0.11	-8.68	0.59	-40.71	225.64	-14.09
	161	0.11	-7.56	0.38	-37.20	218.35	15.84
301	675	1.04	-5.70	0.80	31.59	-231.46	26.94
	664	1.04	-8.46	1.85	-111.53	-276.55	30.80
	666	0.50	-8.46	2.44	-43.64	-72.25	11.39
	676	0.50	-5.70	1.39	-23.91	-84.13	-12.01
302	674	-0.13	-7.21	-0.57	-29.19	12.39	12.15
	676	-0.13	-7.56	0.38	-25.08	17.06	-12.33
	161	-4.22e-002	-7.56	0.26	-46.30	211.21	21.01
	156	-4.22e-002	-7.21	-0.51	-22.06	194.69	23.81
303	673	1.70	-5.41	-0.64	-42.13	-211.67	-15.31
	675	1.70	-5.70	0.53	-43.18	-223.15	17.98
	676	-0.13	-5.70	0.58	-35.93	-74.94	12.93
	674	-0.13	-5.41	-0.79	-20.87	-78.57	-13.52
304	662	0.38	-7.64	-1.60	-19.08	8.40	9.84
	674	0.38	-7.21	-1.38	-29.30	9.68	12.18
	156	0.17	-7.21	-0.67	-40.15	189.23	27.87
	152	0.17	-7.64	-0.89	-17.39	166.50	23.24
305	661	0.93	-7.59	-1.87	-105.77	-234.79	-24.50
	673	0.93	-5.41	-0.90	35.06	-210.29	-21.00
	674	0.38	-5.41	-1.61	-27.79	-87.23	11.73
	662	0.38	-7.59	-2.58	-27.63	-79.57	-13.43
306	672	0.18	4.36	0.32	-51.12	49.63	-18.69
	654	0.18	6.95	0.63	-10.25	48.88	-29.21
	117	-0.38	6.95	1.65	-71.31	177.88	-14.68
	113	-0.38	4.36	1.27	-30.55	144.87	19.44
307	671	-0.45	4.23	-0.32	-16.24	-119.62	21.54

	652	-0.45	7.17	-0.89	-61.99	-165.99	24.70
	654	0.18	7.17	-0.87	-31.50	-33.69	-14.44
	672	0.18	4.23	-0.35	-20.61	-33.76	-18.83
308	670	0.83	4.19	-0.29	-39.03	41.53	17.26
	672	0.83	4.36	0.60	-37.44	50.01	-14.42
	113	0.96	4.36	0.62	-81.52	130.94	21.03
	108	0.96	4.19	-0.32	-48.85	115.67	34.04
309	669	-0.86	4.22	0.42	-40.33	-103.80	11.44
	671	-0.86	4.23	-0.15	-28.85	-108.26	12.00
	672	0.83	4.23	-0.27	-38.38	30.59	12.86
	670	0.83	4.22	0.63	-25.77	-35.34	12.42
310	650	0.23	6.54	-0.20	9.00	30.18	24.92
	670	0.23	4.19	0.48	-40.51	34.89	23.64
	108	-0.43	4.19	-0.76	-36.54	117.14	31.58
	104	-0.43	6.54	-1.18	-22.89	112.97	32.76
311	649	-0.22	7.18	1.14	-70.20	-152.46	-25.78
	669	-0.22	4.22	0.62	23.59	-110.29	-24.04
	670	0.23	4.22	0.90	-23.63	-43.98	15.96
	650	0.23	7.18	1.40	-21.10	-48.60	11.45
312	665	1.01	-8.92	1.28	24.70	12.17	-15.97
	668	1.01	-8.05	1.05	50.86	-56.92	-14.58
	144	0.13	-8.05	1.51	68.63	270.25	-18.65
	17	0.13	-8.92	1.74	19.14	241.54	-18.04
313	663	-1.14	-10.01	0.18	-15.54	-486.10	-80.77
	667	-1.14	-5.77	-0.74	42.83	-381.74	-59.24
	668	1.01	-5.77	0.32	135.25	72.13	-23.85
	665	1.01	-10.01	1.16	-43.77	67.09	-6.94
314	666	0.94	-8.68	1.29	-52.77	20.58	-12.05
	665	0.94	-8.92	1.47	-26.62	13.00	-10.54
	17	0.10	-8.92	1.08	-19.91	242.35	-13.11
	165	0.10	-8.68	0.89	-33.74	235.02	-15.82
315	664	-1.06	-8.46	2.04	128.46	-294.37	51.66
	663	-1.06	-10.01	1.01	-82.35	-474.85	23.49
	665	0.94	-10.01	1.36	13.01	39.88	-19.01
	666	0.94	-8.46	2.38	-35.88	-89.23	13.87
316	659	0.73	-7.31	-1.52	-27.68	16.58	19.72
	662	0.73	-7.64	-1.46	-43.30	7.37	9.85
	152	0.19	-7.64	-1.14	-32.52	162.12	21.90
	148	0.19	-7.31	-1.20	39.66	132.76	12.69
317	657	-1.09	-8.91	-0.97	-75.68	-407.48	-16.80
	661	-1.09	-7.59	-2.03	127.24	-244.01	-48.03
	662	0.73	-7.59	-2.44	-34.00	-97.85	-16.46
	659	0.73	-8.91	-1.38	17.40	24.70	18.52
318	660	0.81	-6.34	-0.71	56.12	64.28	8.09
	659	0.81	-7.31	-1.17	-24.23	33.14	12.27
	148	0.16	-7.31	-1.38	-29.29	117.56	15.24
	76	0.16	-6.34	-0.92	29.11	88.76	9.81
319	658	-1.09	-5.30	0.84	46.87	-304.45	65.53
	657	-1.09	-8.91	-0.18	-21.93	-418.07	74.35
	659	0.81	-8.91	-1.04	-25.54	43.16	16.32
	660	0.81	-5.30	0.12	75.75	-11.66	9.79
320	653	-1.02	8.83	0.60	41.66	28.78	-27.32
	656	-1.02	9.00	0.19	136.23	63.35	-30.61
	125	-0.88	9.00	-0.49	90.90	166.50	-49.08
	121	-0.88	8.83	0.16	78.16	221.69	-45.81
321	651	1.42	9.26	0.66	-18.38	-387.46	-81.63
	655	1.42	5.79	0.93	129.88	-252.19	-58.11
	656	-1.02	5.79	0.89	147.19	-13.21	-20.07
	653	-1.02	9.26	0.61	37.81	78.90	-42.23
322	654	-0.60	6.95	0.87	-31.88	40.60	-28.36

	653	-0.60	8.83	0.36	25.50	24.66	-21.21
	121	-0.29	8.83	1.02	24.09	224.34	-17.37
	117	-0.29	6.95	1.52	-17.08	199.07	-22.96
323	652	1.46	7.17	-1.05	104.71	-187.23	48.99
	651	1.46	9.26	-0.11	30.01	-367.89	17.44
	653	-0.60	9.26	0.38	37.02	57.59	-43.14
	654	-0.60	7.17	-0.59	7.99	-47.80	-14.12
324	647	-0.51	8.15	-0.27	25.69	26.92	10.57
	650	-0.51	6.54	-0.54	-29.53	24.51	27.92
	104	-0.44	6.54	-1.17	19.62	121.84	27.24
	100	-0.44	8.15	-0.91	55.43	121.33	11.74
325	645	1.80	9.38	0.10	28.62	-362.74	-15.00
	649	1.80	7.18	1.30	117.48	-171.97	-52.92
	650	-0.51	7.18	0.91	10.14	-66.68	9.61
	647	-0.51	9.38	-0.31	27.38	47.52	45.56
326	646	-0.89	8.51	-0.49	147.13	138.40	29.47
	647	-0.89	8.15	-0.70	18.51	47.81	25.92
	100	-0.92	8.15	-0.34	65.59	113.41	12.74
	88	-0.92	8.51	-0.14	84.61	43.30	15.11
327	648	1.58	6.05	-1.26	147.13	-236.55	75.14
	645	1.58	9.38	-0.72	-23.94	-383.53	87.18
	647	-0.89	9.38	-0.75	49.45	66.53	51.13
	646	-0.89	6.05	-1.28	112.45	-33.22	39.38
328	51	2.85	-1.68	1.46	198.82	-82.19	-50.29
	159	2.85	-1.90	0.85	203.20	-41.79	110.18
	142	-5.47	-1.90	2.19	568.86	-230.25	115.69
	53	-5.47	-1.68	3.11	270.94	145.59	-78.19
329	43	0.42	0.71	-0.49	90.33	-99.30	-51.20
	154	0.42	-3.12	-0.18	43.51	-110.05	75.21
	159	2.85	-3.12	-0.58	105.99	-99.86	62.29
	51	2.85	0.71	-0.88	157.17	-87.69	-47.37
330	128	-1.56	2.23	-1.61	50.03	-38.79	57.45
	363	-1.56	-1.91	-1.09	35.53	-84.91	54.26
	154	0.42	-1.91	-0.29	49.97	-30.77	58.94
	43	0.42	2.23	-0.81	41.28	-71.56	62.51
331	50	-0.11	10.23	1.32	42.02	-52.99	-61.97
	43	-0.11	0.71	0.90	69.91	-100.79	-49.63
	51	2.56	0.71	-4.32	159.97	-63.83	-68.25
	52	2.56	10.23	-3.88	42.64	-54.16	-107.29
332	362	0.86	8.09	-1.37	13.89	-35.39	-50.85
	128	0.86	2.23	-2.39	29.03	-43.72	56.78
	43	-0.11	2.23	0.56	66.40	-63.88	-51.86
	50	-0.11	8.09	1.56	15.33	-47.04	-53.61
333	36	0.23	-0.81	1.23	-91.57	66.33	70.55
	41	0.23	-11.17	1.35	-31.27	46.72	-67.73
	42	-2.60	-11.17	-3.84	-34.40	45.13	-80.80
	37	-2.60	-0.81	-3.98	-138.21	70.73	-64.47
334	604	-0.70	-2.43	-2.48	-69.73	47.72	101.13
	357	-0.70	-9.38	-1.45	-11.71	-63.96	90.62
	41	0.23	-9.38	1.66	-19.63	-52.26	70.81
	36	0.23	-2.43	0.65	-91.14	51.06	76.96
335	35	-2.78	2.17	1.08	-189.30	-22.07	87.77
	37	-2.78	1.61	1.87	-148.53	78.80	-57.78
	40	5.29	1.61	3.39	-211.01	-64.05	-82.97
	131	5.29	2.17	2.32	-399.08	172.78	-86.92
336	34	-0.23	3.45	0.10	-128.48	81.92	70.35
	36	-0.23	-0.81	0.22	-111.17	68.83	70.73
	37	-2.78	-0.81	-0.45	-152.09	93.50	-59.16
	35	-2.78	3.45	-0.33	-107.04	120.77	-56.42
337	356	1.91	2.46	-1.17	-170.42	91.92	98.98

	604	1.91	-2.43	-1.71	-118.11	48.11	114.25
	36	-0.23	-2.43	-0.66	-93.34	59.96	82.08
	34	-0.23	2.46	-0.13	-150.36	40.72	67.86
338	31	4.25e-002	0.31	0.42	-211.17	155.41	183.70
	35	4.25e-002	2.17	0.44	-128.21	360.41	114.33
131		0.30	2.17	0.91	-575.70	-712.21	117.05
	33	0.30	0.31	1.08	81.94	-244.71	186.23
339	29	8.87e-002	1.00	0.27	-124.66	333.56	-54.47
	34	8.87e-002	3.45	0.11	-92.10	313.93	-47.58
	35	4.25e-002	3.45	0.23	-83.89	339.93	96.84
	31	4.25e-002	1.00	0.34	-181.48	213.65	112.95
340	579	0.29	0.98	0.14	-93.60	398.76	130.45
	356	0.29	2.46	-0.21	-186.05	217.04	117.72
	34	8.87e-002	2.46	-0.15	-154.86	368.94	-47.69
	29	8.87e-002	0.98	0.21	-58.77	333.10	55.50
341	30	6.46e-002	-0.95	4.39e-002	-51.15	356.75	86.61
	29	6.46e-002	1.00	0.32	-42.00	319.31	78.51
	31	0.19	1.00	0.13	-45.13	180.15	116.27
	32	0.19	-0.95	-0.21	-50.29	114.90	123.14
342	364	0.40	-1.11	0.33	121.16	761.77	199.13
	579	0.40	0.98	0.34	-94.04	483.21	168.09
	29	6.46e-002	0.98	0.27	-66.73	349.22	69.68
	30	6.46e-002	-1.11	0.34	34.31	257.37	111.93
343	23	-9.21e-002	-0.55	0.31	57.88	-65.73	-101.21
	26	-9.21e-002	-0.50	4.35e-002	34.39	-78.81	-114.51
	27	-0.17	-0.50	-0.26	-31.68	-180.83	-140.78
	24	-0.17	-0.55	-0.15	80.32	-139.84	-128.04
344	516	0.62	-0.84	0.14	239.99	-108.07	77.58
	365	0.62	1.16	-0.43	189.82	-390.52	-77.66
	26	-9.21e-002	1.16	-0.39	60.40	65.09	-157.41
	23	-9.21e-002	-0.84	0.26	91.64	-182.80	-53.16
345	22	-6.14e-002	0.65	-0.16	39.31	-221.62	-148.09
	24	-6.14e-002	-9.45e-002	0.43	60.24	-310.18	-205.84
	25	-0.31	-9.45e-002	1.07	74.40	-290.46	-169.41
	138	-0.31	0.65	0.52	-183.94	-453.91	-109.46
346	21	-9.12e-002	-1.49	0.15	129.44	-33.20	-43.82
	23	-9.12e-002	-0.55	0.31	89.88	-30.61	-66.98
	24	-6.14e-002	-0.55	0.21	31.47	-111.49	-163.10
	22	-6.14e-002	-1.49	0.12	132.60	68.29	-131.12
347	361	0.22	-1.69	0.23	94.72	-92.40	53.54
	516	0.22	-0.84	0.33	192.89	-94.26	47.56
	23	-9.12e-002	-0.84	0.26	123.44	-142.35	-41.39
	21	-9.12e-002	-1.69	0.17	118.74	-75.37	-37.27
348	18	-0.35	-1.45	-0.77	28.67	65.10	-46.85
	22	-0.35	0.65	-1.06	52.06	50.24	-106.83
	138	0.85	0.65	3.79	-110.13	109.21	-105.91
	20	0.85	-1.45	4.05	62.70	110.04	63.67
349	15	0.14	-0.45	1.18	29.35	36.87	37.79
	21	0.14	-1.49	0.70	96.94	35.35	-50.71
	22	-0.35	-1.49	-0.67	56.51	-68.22	-77.64
	18	-0.35	-0.45	-0.24	32.20	48.55	-56.54
350	491	0.13	-0.31	0.54	39.03	-48.65	44.83
	361	0.13	-1.69	0.22	85.24	-56.61	45.83
	21	0.14	-1.69	0.58	103.07	-63.54	36.97
	15	0.14	-0.31	0.90	31.03	43.38	-40.23
351	19	0.10	0.16	-0.10	15.99	52.58	26.56
	18	0.10	-1.45	-0.29	15.07	59.77	46.06
	20	0.75	-1.45	0.95	52.59	108.50	19.78
	137	0.75	0.16	1.10	2.97	28.41	19.57
352	16	0.10	1.61	-0.11	3.95	46.59	35.46

	15	0.10	-0.45	1.01	23.74	42.41	41.27
	18	0.10	-0.45	0.36	16.18	52.37	-38.85
	19	0.10	1.61	-0.58	6.82	50.59	32.11
353	360	3.71e-002	1.99	-6.19e-002	3.43	44.85	41.84
	491	3.71e-002	-0.31	0.44	26.33	45.28	42.56
	15	0.10	-0.31	0.73	24.67	42.91	39.29
	16	0.10	1.99	0.28	3.85	45.96	38.34
354	9	-0.10	1.45	-0.42	-28.45	-77.57	73.73
	13	-0.10	-0.19	-0.15	-23.04	-69.63	43.95
	135	-0.58	-0.19	1.14	6.83	-40.41	34.16
	10	-0.58	1.45	0.89	-79.47	-154.99	40.04
355	8	-3.81e-002	0.40	0.95	-27.33	-27.29	62.06
	12	-3.81e-002	-1.43	-0.11	-4.30	-38.40	53.11
	13	-0.10	-1.43	-0.64	-9.94	-58.85	51.46
	9	-0.10	0.40	0.24	-22.03	-51.77	61.22
356	454	-2.11e-002	0.29	0.44	-15.59	22.60	61.18
	359	-2.11e-002	-1.68	-6.91e-002	-5.59	26.90	58.96
	12	-3.81e-002	-1.68	0.26	-3.27	-32.64	56.99
	8	-3.81e-002	0.29	0.72	-24.86	20.66	58.62
357	7	0.29	-0.71	-1.08	-98.29	-34.94	81.00
	9	0.29	1.45	-0.84	-41.82	-87.45	61.32
	10	0.57	1.45	3.86	-93.24	-163.52	115.24
	134	0.57	-0.71	3.66	-145.37	-199.69	128.01
358	6	-7.32e-002	1.18	0.74	-63.16	15.28	68.79
	8	-7.32e-002	0.40	1.14	-45.03	16.26	60.07
	9	0.29	0.40	-0.30	-56.70	-51.25	72.62
	7	0.29	1.18	-0.65	-76.93	57.22	73.60
359	358	-2.85e-002	1.10	0.27	-28.10	12.92	74.99
	454	-2.85e-002	0.29	0.56	-28.28	24.51	61.54
	8	-7.32e-002	0.29	0.92	-32.11	-18.68	60.73
	6	-7.32e-002	1.10	0.63	-60.42	31.81	72.81
360	2	-0.25	0.26	0.48	-146.85	327.95	76.11
	7	-0.25	-0.71	0.22	-116.73	210.39	94.35
	134	0.70	-0.71	-0.39	-127.51	400.75	68.67
	5	0.70	0.26	0.91	-283.59	-167.92	71.75
361	167	2.51e-002	0.54	0.41	-57.36	-14.04	102.75
	6	2.51e-002	1.18	0.27	-87.49	46.30	82.81
	7	-0.25	1.18	0.31	-172.21	-111.99	73.99
	2	-0.25	0.54	0.43	-62.79	-76.65	70.03
362	429	-4.87e-002	0.74	0.45	-35.80	49.21	96.26
	358	-4.87e-002	1.10	0.30	-25.66	86.73	78.38
	6	2.51e-002	1.10	0.26	-42.68	-27.77	88.18
	167	2.51e-002	0.74	0.42	-68.76	-37.62	107.59
363	168	1.91e-002	-0.39	-0.11	-16.36	-35.87	133.81
	167	1.91e-002	0.54	0.27	-49.40	-29.48	96.85
	2	-0.14	0.54	0.47	-172.81	95.29	105.94
	3	-0.14	-0.39	0.18	24.21	-115.20	143.55
364	367	3.80e-002	-0.45	5.12e-002	-4.45	-31.49	112.60
	429	3.80e-002	0.74	0.39	-23.25	35.55	104.76
	167	1.91e-002	0.74	0.27	-33.32	-42.03	117.63
	168	1.91e-002	-0.45	-0.12	-16.77	-40.29	126.19
365	151	-3.51e-002	-0.81	0.12	75.96	-242.96	110.82
	163	-3.51e-002	1.36	-8.43e-002	38.70	-193.66	123.22
	164	-9.48e-002	1.36	0.19	51.11	-94.46	216.72
	155	-9.48e-002	-0.81	0.34	98.73	-146.44	204.54
366	392	0.16	-0.65	0.29	16.90	-211.49	59.73
	366	0.16	1.02	0.14	18.74	-191.89	80.11
	163	-3.51e-002	1.02	-7.76e-002	-6.18	-180.98	106.25
	151	-3.51e-002	-0.65	0.13	83.94	-205.23	83.49
367	159	0.22	-1.90	0.36	158.04	-339.82	159.78

	155	0.22	-0.39	0.18	234.33	-138.03	249.17
	160	-0.86	-0.39	0.89	104.54	250.71	241.05
	142	-0.86	-1.90	0.69	629.44	708.06	151.00
368	154	4.57e-002	-3.12	-0.15	45.21	-277.34	56.49
	151	4.57e-002	-0.81	0.18	111.40	-285.97	99.87
	155	0.22	-0.81	0.22	214.20	-174.72	183.85
	159	0.22	-3.12	0.16	79.37	-317.99	133.81
369	363	-0.15	-1.91	-0.17	48.82	-115.63	59.00
	392	-0.15	-0.65	0.21	20.51	-194.75	72.11
	151	4.57e-002	-0.65	0.18	59.73	-222.71	64.05
	154	4.57e-002	-1.91	-0.24	56.57	-286.49	52.04
373	126	4.05e-002	2.47	2.03	15.84	-26.11	51.81
	391	4.05e-002	-1.06	-0.24	29.04	-33.76	55.75
	363	-1.56	-1.06	-1.35	50.44	-22.10	60.58
	128	-1.56	2.47	0.92	25.29	-26.43	56.38
374	123	1.71	1.97	0.62	12.75	-65.16	55.84
	389	1.71	-1.62	-1.44	-38.85	-82.70	62.77
	391	4.05e-002	-1.62	-0.21	14.70	-34.98	56.77
	126	4.05e-002	1.97	1.84	14.75	-41.82	50.73
375	119	9.86e-003	2.44	-1.34	26.62	-51.69	60.40
	387	9.86e-003	-0.81	-0.60	-37.82	-110.44	59.27
	389	1.71	-0.81	-1.30	9.75	31.25	55.27
	123	1.71	2.44	-2.05	-20.29	-37.12	56.30
376	115	-1.83	2.31	-2.19	27.78	38.12	59.94
	385	-1.83	1.46	-1.40	14.39	-63.76	58.84
	387	9.86e-003	1.46	-0.62	45.41	80.86	60.37
	119	9.86e-003	2.31	-1.41	-22.06	34.03	61.48
377	111	-2.72e-002	2.83	1.66	-12.66	50.71	53.85
	383	-2.72e-002	2.58	-0.41	18.91	51.82	60.87
	385	-1.83	2.58	-1.57	48.96	77.06	66.72
	115	-1.83	2.83	0.53	-15.62	59.07	59.35
378	106	1.83	2.05	0.43	10.72	-44.17	56.91
	381	1.83	1.99	-1.64	-62.61	-62.18	64.62
	383	-2.72e-002	1.99	-0.43	-12.28	48.83	60.09
	111	-2.72e-002	2.05	1.61	-20.48	40.04	52.92
379	102	5.79e-003	2.44	-1.65	23.09	-47.47	59.56
	379	5.79e-003	2.94	-0.76	-52.28	-88.45	57.83
	381	1.83	2.94	-1.47	-11.62	92.06	55.26
	106	1.83	2.44	-2.37	-34.67	44.93	56.92
380	98	-1.76	2.17	-2.47	29.74	64.85	58.14
	377	-1.76	4.81	-1.50	15.41	-56.77	56.91
	379	5.79e-003	4.81	-0.75	43.23	135.61	58.74
	102	5.79e-003	2.17	-1.72	-29.63	75.40	59.97
381	61	-1.88e-002	2.50	1.21	18.85	70.42	51.83
	375	-1.88e-002	5.95	-0.57	-21.17	58.11	59.43
	377	-1.76	5.95	-1.67	53.51	125.68	65.24
	98	-1.76	2.50	0.18	-20.75	95.77	57.06
382	621	1.77	1.58	-0.17	14.92	-38.14	51.34
	373	1.77	5.31	-1.78	-75.19	-55.62	61.32
	375	-1.88e-002	5.31	-0.60	15.62	91.38	59.39
	61	-1.88e-002	1.58	1.17	-26.56	65.09	49.56
383	619	1.25e-002	1.72	-1.99	12.38	-43.24	47.58
	371	1.25e-002	6.09	-0.97	-87.48	-93.03	51.38
	373	1.77	6.09	-1.64	-20.17	112.57	53.68
	621	1.77	1.72	-2.66	-47.72	51.08	49.66
384	617	-1.41	1.26	-2.67	-17.88	-43.22	-40.18
	369	-1.41	7.59	-1.50	-99.38	-90.65	43.95
	371	1.25e-002	7.59	-0.89	15.52	131.57	51.50
	619	1.25e-002	1.26	-2.05	-57.08	60.50	44.87
385	355	6.98e-002	1.34	0.78	-25.92	-45.79	-38.58

	289	6.98e-002	8.70	-0.53	-89.86	-58.48	-38.36
	369	-1.41	8.70	-1.62	-33.01	116.55	40.27
	617	-1.41	1.34	-0.41	-57.85	53.13	-39.02
386	127	9.16e-002	2.93	-2.13	11.79	-29.59	-49.99
	126	9.16e-002	2.47	3.57	15.59	-27.53	50.62
	128	0.86	2.47	0.23	27.87	-27.56	-52.40
	362	0.86	2.93	-5.60	5.15	-25.33	-52.47
387	124	-0.89	13.64	-5.52	3.50	-51.33	-50.18
	123	-0.89	1.97	0.26	6.23	-59.94	52.50
	126	9.16e-002	1.97	3.38	10.13	-41.64	-49.93
	127	9.16e-002	13.64	-2.28	13.88	-42.18	-47.91
388	120	-2.87e-002	7.50	0.80	3.69	-35.69	55.72
	119	-2.87e-002	2.44	-0.87	5.41	-44.18	55.50
	123	-0.89	2.44	-2.47	5.21	-42.12	52.37
	124	-0.89	7.50	-0.82	-2.23	-50.36	52.57
389	116	0.91	4.39	-0.87	3.74	47.05	55.82
	115	0.91	2.31	-2.62	7.39	40.05	55.70
	119	-2.87e-002	2.31	-0.94	9.17	31.99	56.29
	120	-2.87e-002	4.39	0.83	-2.98	-33.80	56.32
390	112	-0.10	-3.36	-2.59	-28.82	40.35	51.33
	111	-0.10	2.83	3.28	-17.73	50.49	51.55
	115	0.91	2.83	0.23	12.71	53.58	55.36
	116	0.91	-3.36	-5.84	-6.07	53.00	56.07
391	107	-0.92	8.76	-5.77	4.42	-48.14	53.89
	106	-0.92	2.05	0.19	-17.49	-39.34	52.75
	111	-0.10	2.05	3.24	-18.58	40.62	50.79
	112	-0.10	8.76	-2.51	-30.07	27.32	51.02
392	103	-2.65e-002	2.77	0.83	2.84	56.97	54.95
	102	-2.65e-002	2.44	-1.13	-10.92	48.61	53.74
	106	-0.92	2.44	-2.76	-10.95	44.43	52.54
	107	-0.92	2.77	-0.81	-5.02	-48.52	53.86
393	99	0.87	3.18	-0.81	5.19	80.55	53.97
	98	0.87	2.17	-2.84	10.24	70.21	53.09
	102	-2.65e-002	2.17	-1.19	9.17	68.99	54.31
	103	-2.65e-002	3.18	0.84	-3.68	63.17	55.02
394	62	-7.08e-002	-9.46	-2.43	-38.38	61.17	49.07
	61	-7.08e-002	2.50	2.85	-23.55	71.58	47.67
	98	0.87	2.50	-0.31	16.50	87.77	52.69
	99	0.87	-9.46	-5.56	-7.43	84.35	55.58
395	622	-0.89	2.84	-5.55	6.39	-48.42	47.59
	621	-0.89	1.58	-0.35	-26.34	-34.88	45.91
	61	-7.08e-002	1.58	2.81	-24.61	62.04	46.98
	62	-7.08e-002	2.84	-2.42	-38.99	41.69	46.56
396	620	-2.27e-002	-6.26	0.82	2.13	-46.08	41.34
	619	-2.27e-002	1.72	-1.40	-27.92	-41.88	42.25
	621	-0.89	1.72	-2.95	-19.33	46.34	45.44
	622	-0.89	-6.26	-0.74	-8.51	-45.73	44.69
397	618	0.80	-9.91	-0.68	5.13	-44.92	-39.87
	617	0.80	1.26	-2.93	-29.61	-41.60	-40.17
	619	-2.27e-002	1.26	-1.46	-21.34	50.78	41.18
	620	-2.27e-002	-9.91	0.80	-8.34	-46.03	40.70
398	288	0.27	-16.42	-1.92	37.19	-43.82	-42.46
	355	0.27	1.34	2.23	-31.84	48.79	-40.92
	617	0.80	1.34	-0.65	-27.75	-44.17	-39.65
	618	0.80	-16.42	-4.76	-6.97	-45.38	-43.51
399	603	0.21	-2.66	3.10	-28.63	30.21	117.65
	616	0.21	-3.61	-2.30	-13.49	-38.39	104.88
	357	-0.70	-3.61	-5.69	-5.06	-63.80	92.87
	604	-0.70	-2.66	-0.37	-67.81	-61.61	104.55
400	602	0.81	-2.03	-0.39	32.90	53.77	118.94

	615	0.81	-13.43	-5.36	-8.42	42.05	108.08
	616	0.21	-13.43	-2.22	14.90	28.28	107.87
	603	0.21	-2.03	2.85	-26.95	-27.97	118.58
401	601	-1.54e-002	-2.20	-1.19	43.01	44.71	98.31
	614	-1.54e-002	-6.79	0.87	-2.41	43.05	94.87
	615	0.81	-6.79	-0.76	8.90	46.75	108.73
	602	0.81	-2.20	-2.80	28.53	19.93	112.11
402	600	-0.89	-1.71	-2.86	42.34	21.19	72.04
	613	-0.89	-3.55	-0.79	5.30	26.23	71.39
	614	-1.54e-002	-3.55	0.89	9.11	39.47	90.70
	601	-1.54e-002	-1.71	-1.19	36.50	8.11	91.33
403	599	-0.10	-1.88	3.00	54.60	28.92	53.41
	612	-0.10	4.30	-2.50	34.63	31.78	48.51
	613	-0.89	4.30	-5.71	12.75	28.46	63.02
	600	-0.89	-1.88	-0.32	41.69	-9.29	68.42
404	598	0.91	-0.91	-0.35	59.20	54.74	-42.20
	611	0.91	-7.44	-5.79	7.73	65.16	-46.12
	612	-0.10	-7.44	-2.54	36.95	47.59	52.44
	599	-0.10	-0.91	2.96	56.17	27.21	48.00
405	597	1.80e-002	-1.05	-1.34	44.55	41.90	-45.96
	610	1.80e-002	-2.30	0.90	4.72	44.39	-43.43
	611	0.91	-2.30	-0.78	10.55	66.76	-41.78
	598	0.91	-1.05	-3.01	50.71	33.03	-41.93
406	596	-0.87	-0.67	-3.03	32.75	15.96	-61.41
	609	-0.87	4.65	-0.76	7.16	19.17	-58.37
	610	1.80e-002	4.65	0.90	7.40	40.50	-46.03
	597	1.80e-002	-0.67	-1.37	37.27	10.75	-48.72
407	595	-6.28e-002	-0.73	2.66	42.18	21.37	-73.62
	608	-6.28e-002	11.43	-2.41	41.54	23.50	-77.50
	609	-0.87	11.43	-5.53	10.78	21.83	-67.22
	596	-0.87	-0.73	-0.48	34.38	-14.51	-62.42
408	594	0.87	1.01	-0.50	40.23	47.27	-83.29
	607	0.87	-2.77	-5.51	7.89	46.32	-81.88
	608	-6.28e-002	-2.77	-2.40	42.03	36.82	-75.39
	595	-6.28e-002	1.01	2.63	42.84	18.31	-77.37
409	593	2.38e-002	1.01	-1.51	24.68	35.23	-93.72
	606	2.38e-002	8.52	0.85	3.17	28.26	-88.98
	607	0.87	8.52	-0.72	8.25	48.67	-82.54
	594	0.87	1.01	-3.08	30.96	24.06	-86.99
410	592	-0.73	1.58	-3.08	19.53	14.41	-100.42
	605	-0.73	12.31	-0.64	-6.49	-15.33	-95.82
	606	2.38e-002	12.31	0.85	4.29	26.61	-90.83
	593	2.38e-002	1.58	-1.59	20.36	-10.53	-95.58
411	348	-0.13	1.76	1.87	-30.58	17.17	-102.62
	283	-0.13	19.08	-1.98	-37.79	19.93	-101.51
	605	-0.73	19.08	-4.73	7.18	15.78	-98.92
	592	-0.73	1.76	-0.92	-26.29	-16.25	-99.50
412	591	4.77e-002	1.31	-0.54	-61.77	37.02	165.19
	603	4.77e-002	-2.66	1.48	-55.51	30.14	129.94
	604	1.91	-2.66	0.52	-74.70	-60.77	114.03
	356	1.91	1.31	-1.51	-186.13	-56.85	148.53
413	590	-1.70	1.40	-1.62	110.76	77.70	159.87
	602	-1.70	-2.03	0.29	17.80	57.24	129.41
	603	4.77e-002	-2.03	1.24	-25.87	-27.92	131.83
	591	4.77e-002	1.40	-0.47	-46.17	-44.99	162.15
414	589	-2.90e-002	0.72	-0.85	131.85	118.45	114.41
	601	-2.90e-002	-2.20	-1.79	19.33	50.33	108.27
	602	-1.70	-2.20	-2.47	67.30	9.70	125.32
	590	-1.70	0.72	-1.53	60.24	-80.59	131.42
415	588	1.80	-1.00	-1.62	94.43	99.35	83.55

	600	1.80	-1.71	-2.53	22.34	25.76	81.99
	601	-2.90e-002	-1.71	-1.80	74.29	-10.18	100.93
	589	-2.90e-002	-1.00	-0.88	34.99	-103.50	102.43
416	587	-4.91e-002	-1.63	-0.62	107.41	63.50	68.11
	599	-4.91e-002	-1.88	1.30	45.52	29.39	57.81
	600	1.80	-1.88	0.30	67.34	-20.13	75.46
	588	1.80	-1.63	-1.78	29.67	-75.75	87.24
417	586	-1.87	-0.98	-1.85	156.32	101.40	48.81
	598	-1.87	-0.91	0.21	43.60	61.16	-43.85
	599	-4.91e-002	-0.91	1.25	74.77	15.94	52.57
	587	-4.91e-002	-0.98	-0.63	76.22	-41.83	60.16
418	585	-1.91e-002	-1.64	-0.96	130.14	133.99	-42.79
	597	-1.91e-002	-1.05	-1.97	24.29	50.72	-41.46
	598	-1.87	-1.05	-2.71	88.17	16.68	-41.24
	586	-1.87	-1.64	-1.70	75.83	-85.42	-41.13
419	584	1.76	-3.00	-1.70	74.49	110.68	-54.12
	596	1.76	-0.67	-2.75	25.57	23.55	-52.31
	597	-1.91e-002	-0.67	-2.01	71.24	-14.64	-44.02
	585	-1.91e-002	-3.00	-0.95	29.63	-114.64	-45.54
420	583	-2.32e-002	-3.74	-0.71	77.06	74.05	-56.47
	595	-2.32e-002	-0.73	0.97	34.67	25.70	-66.25
	596	1.76	-0.73	-0.24	54.38	-26.74	-55.79
	584	1.76	-3.74	-1.85	-40.23	-88.27	-47.36
421	582	-1.78	-3.04	-1.87	116.28	110.33	-64.54
	594	-1.78	1.01	-0.28	28.34	56.90	-74.83
	595	-2.32e-002	1.01	0.95	56.81	9.02	-69.72
	583	-2.32e-002	-3.04	-0.71	43.93	-53.96	-59.79
422	581	-7.84e-003	-3.74	-1.06	89.03	142.51	-86.29
	593	-7.84e-003	1.01	-2.16	-26.95	47.67	-83.82
	594	-1.78	1.01	-2.82	64.40	10.34	-78.41
	582	-1.78	-3.74	-1.73	38.59	-94.19	-80.78
423	580	1.52	-5.06	-1.67	42.18	125.32	-90.90
	592	1.52	1.58	-2.89	-43.19	26.01	-89.58
	593	-7.84e-003	1.58	-2.24	46.57	-20.23	-86.63
	581	-7.84e-003	-5.06	-1.02	-52.12	-121.59	-88.00
424	282	-2.26e-002	-5.82	-0.91	38.88	96.94	-81.08
	348	-2.26e-002	1.76	0.35	-39.48	26.58	-91.18
	592	1.52	1.76	-0.74	32.12	-28.84	-90.49
	580	1.52	-5.82	-1.81	-79.97	-100.26	-80.47
425	578	0.21	0.78	-0.43	154.35	138.56	265.72
	591	0.21	1.31	-0.33	-122.09	46.51	227.49
	356	0.29	1.31	-0.18	-129.39	334.28	161.42
	579	0.29	0.78	-0.28	-85.02	288.76	198.70
426	577	7.97e-002	0.56	-0.95	126.92	230.06	182.37
	590	7.97e-002	1.40	-0.68	57.42	134.50	158.32
	591	0.21	1.40	-0.41	96.05	416.71	233.41
	578	0.21	0.56	-0.68	-56.17	218.87	257.35
427	576	3.10e-002	0.40	-1.16	117.15	117.40	95.17
	589	3.10e-002	0.72	-0.96	80.18	70.70	95.48
	590	7.97e-002	0.72	-0.84	107.65	309.65	145.67
	577	7.97e-002	0.40	-1.04	101.36	187.10	144.38
428	575	-3.36e-002	-0.85	-1.10	129.24	44.76	80.90
	588	-3.36e-002	-1.00	-0.89	47.27	-127.81	86.83
	589	3.10e-002	-1.00	-0.97	90.58	159.33	87.72
	576	3.10e-002	-0.85	-1.19	112.37	65.71	81.76
429	574	2.50e-002	-1.30	-0.94	188.19	61.67	112.26
	587	2.50e-002	-1.63	-0.58	23.62	-253.22	110.18
	588	-3.36e-002	-1.63	-0.77	98.38	117.38	85.25
	575	-3.36e-002	-1.30	-1.13	87.39	-70.86	87.43
430	573	3.82e-002	-1.66	-1.18	128.83	68.68	46.42

	586	3.82e-002	-0.98	-0.81	78.98	-104.39	45.68
	587	2.50e-002	-0.98	-0.59	178.11	278.87	101.84
	574	2.50e-002	-1.66	-0.96	34.96	58.75	101.79
431	572	2.48e-002	-2.16	-1.29	95.60	-91.50	-71.85
	585	2.48e-002	-1.64	-1.06	70.03	-158.58	-58.93
	586	3.82e-002	-1.64	-0.95	127.24	150.19	-41.63
	573	3.82e-002	-2.16	-1.19	84.69	48.64	-44.73
432	571	2.65e-002	-2.88	-1.24	92.97	-224.01	-67.77
	584	2.65e-002	-3.00	-0.99	34.96	-328.32	-55.06
	585	2.48e-002	-3.00	-1.06	75.75	66.75	-63.92
	572	2.48e-002	-2.88	-1.31	83.63	-142.10	-77.31
433	570	2.90e-002	-3.40	-1.09	142.15	-255.59	-35.61
	583	2.90e-002	-3.74	-0.69	-54.27	-463.74	-35.18
	584	2.65e-002	-3.74	-0.87	70.17	-111.97	-53.71
	571	2.65e-002	-3.40	-1.27	53.44	-261.69	-55.44
434	569	4.33e-002	-3.80	-1.33	84.26	-175.55	-74.73
	582	4.33e-002	-3.04	-0.91	45.25	-319.22	-72.85
	583	2.90e-002	-3.04	-0.69	136.18	79.80	-34.88
	570	2.90e-002	-3.80	-1.11	40.32	-182.64	-35.50
435	568	3.27e-002	-4.32	-1.46	54.50	-297.43	-127.98
	581	3.27e-002	-3.74	-1.15	35.53	-378.68	-112.59
	582	4.33e-002	-3.74	-1.04	86.08	98.21	-81.65
	569	4.33e-002	-4.32	-1.35	45.60	-211.50	-96.51
436	567	2.47e-002	-5.05	-1.44	48.36	-434.88	-112.24
	580	2.47e-002	-5.06	-1.12	-45.23	-536.40	-97.26
	581	3.27e-002	-5.06	-1.17	39.00	-272.89	-113.76
	568	3.27e-002	-5.05	-1.49	43.91	-350.69	-128.92
437	343	3.09e-002	-5.65	-1.33	74.31	-481.67	-57.24
	282	3.09e-002	-5.82	-0.88	-82.24	-672.34	-53.63
	580	2.47e-002	-5.82	-1.02	34.69	-336.49	-92.42
	567	2.47e-002	-5.65	-1.47	34.86	-470.46	-96.38
438	566	0.37	0.34	-0.36	168.13	117.02	266.28
	578	0.37	0.78	-0.46	100.73	155.93	231.38
	579	0.40	0.78	0.12	122.59	307.95	232.01
	364	0.40	0.34	0.14	-100.72	346.45	265.83
439	565	0.21	0.16	-0.43	138.49	143.52	164.93
	577	0.21	0.56	-0.71	117.14	209.02	169.51
	578	0.37	0.56	-0.72	127.57	194.22	230.06
	566	0.37	0.16	-0.44	158.73	179.60	224.55
440	564	5.75e-002	-0.45	-0.48	129.21	79.83	93.12
	576	5.75e-002	0.40	-0.83	128.19	113.68	88.35
	577	0.21	0.40	-0.80	101.15	158.53	133.65
	565	0.21	-0.45	-0.45	151.03	129.74	137.95
441	563	-0.10	-0.92	-0.49	135.95	43.45	69.45
	575	-0.10	-0.85	-0.87	133.74	40.05	66.02
	576	5.75e-002	-0.85	-0.86	107.53	53.87	77.43
	564	5.75e-002	-0.92	-0.49	157.09	49.79	80.71
442	562	4.61e-002	-1.43	-0.59	136.47	61.91	67.11
	574	4.61e-002	-1.30	-0.94	100.24	49.51	72.67
	575	-0.10	-1.30	-0.89	114.93	-72.94	73.45
	563	-0.10	-1.43	-0.54	150.39	53.98	68.16
443	561	0.13	-1.94	-0.56	91.78	49.23	-47.64
	573	0.13	-1.66	-0.93	99.38	61.34	-44.29
	574	4.61e-002	-1.66	-0.96	115.83	44.72	64.25
	562	4.61e-002	-1.94	-0.59	105.09	43.77	58.64
444	560	4.66e-002	-2.47	-0.54	85.34	-112.24	-83.11
	572	4.66e-002	-2.16	-0.94	99.81	-89.26	-81.97
	573	0.13	-2.16	-0.93	80.28	51.00	-56.48
	561	0.13	-2.47	-0.54	105.31	58.71	-57.76
445	559	-8.16e-002	-3.00	-0.58	91.29	-210.07	-88.02

	571	-8.16e-002	-2.88	-0.98	96.44	-205.19	-86.74
	572	4.66e-002	-2.88	-0.96	78.15	-153.27	-88.20
	560	4.66e-002	-3.00	-0.56	111.28	-146.81	-89.53
446	558	5.34e-002	-3.54	-0.68	91.30	-244.68	-68.88
	570	5.34e-002	-3.40	-1.07	62.70	-231.25	-59.99
	571	-8.16e-002	-3.40	-1.02	78.26	-261.14	-72.36
	559	-8.16e-002	-3.54	-0.63	103.87	-229.43	-81.76
447	557	0.13	-4.10	-0.67	54.27	-225.13	-103.90
	569	0.13	-3.80	-1.07	59.65	-181.32	-93.88
	570	5.34e-002	-3.80	-1.09	75.45	-211.79	-63.36
	558	5.34e-002	-4.10	-0.69	64.33	-210.16	-72.52
448	556	5.84e-002	-4.67	-0.66	49.72	-309.83	-140.16
	568	5.84e-002	-4.32	-1.10	57.93	-291.08	-139.24
	569	0.13	-4.32	-1.09	45.39	-236.44	-118.04
	557	0.13	-4.67	-0.65	64.19	-245.04	-118.95
449	555	-6.31e-002	-5.26	-0.69	52.50	-414.61	-133.22
	567	-6.31e-002	-5.05	-1.15	52.26	-414.56	-131.42
	568	5.84e-002	-5.05	-1.13	42.57	-358.69	-140.74
	556	5.84e-002	-5.26	-0.67	68.11	-346.13	-142.54
450	290	5.23e-002	-5.88	-0.78	50.08	-462.42	-103.08
	343	5.23e-002	-5.65	-1.24	34.94	-455.89	-94.46
	567	-6.31e-002	-5.65	-1.19	40.68	-468.85	-114.31
	555	-6.31e-002	-5.88	-0.73	61.30	-435.39	-123.05
451	553	0.54 -4.76e-002	-0.31	197.26	148.03	263.66	
	566	0.54 0.34	-0.32	163.13	98.79	248.09	
	364	1.50 0.34	0.27	205.05	317.99	391.40	
	554	1.50 -4.76e-002	0.30	193.44	62.31	406.80	
452	552	0.24 -0.22	-0.29	164.36	83.77	160.84	
	565	0.24 0.16	-0.30	149.02	121.66	166.40	
	566	0.54 0.16	-0.38	149.87	160.35	234.64	
	553	0.54 -0.22	-0.36	199.30	100.35	228.18	
453	551	8.81e-002	-0.65	-0.26	146.44	46.56	98.79
	564	8.81e-002	-0.45	-0.32	149.00	67.45	97.40
	565	0.24	-0.45	-0.32	136.87	113.18	139.53
	552	0.24	-0.65	-0.27	166.39	74.42	140.13
454	550	8.18e-002	-1.14	-0.28	141.80	47.29	71.99
	563	8.18e-002	-0.92	-0.35	146.63	44.87	70.07
	564	8.81e-002	-0.92	-0.33	134.97	45.31	85.17
	551	8.81e-002	-1.14	-0.25	156.81	34.94	86.67
455	549	7.10e-002	-1.65	-0.34	130.61	71.51	58.02
	562	7.10e-002	-1.43	-0.43	113.52	65.60	62.89
	563	8.18e-002	-1.43	-0.39	138.09	50.19	71.50
	550	8.18e-002	-1.65	-0.30	141.03	53.12	65.48
456	548	0.13	-2.19	-0.33	98.84	79.03	-53.04
	561	0.13	-1.94	-0.41	97.68	59.11	-47.13
	562	7.10e-002	-1.94	-0.44	121.82	45.68	55.38
	549	7.10e-002	-2.19	-0.35	107.18	58.41	52.31
457	547	7.44e-002	-2.71	-0.31	90.13	-132.09	-79.76
	560	7.44e-002	-2.47	-0.37	101.50	-119.99	-79.39
	561	0.13	-2.47	-0.39	90.30	67.43	-58.62
	548	0.13	-2.71	-0.32	98.75	-89.52	-59.41
458	546	6.59e-002	-3.23	-0.35	93.19	-202.73	-87.92
	559	6.59e-002	-3.00	-0.42	100.98	-207.66	-88.11
	560	7.44e-002	-3.00	-0.39	90.26	-148.93	-86.10
	547	7.44e-002	-3.23	-0.32	100.90	-157.46	-86.01
459	545	8.14e-002	-3.78	-0.42	87.94	-243.20	-85.04
	558	8.14e-002	-3.54	-0.51	72.71	-244.75	-74.77
	559	6.59e-002	-3.54	-0.47	94.35	-220.76	-79.05
	546	6.59e-002	-3.78	-0.38	93.22	-216.03	-89.37
460	544	0.13	-4.37	-0.41	64.43	-258.00	-110.98

	557	0.13	-4.10	-0.51	60.49	-239.96	-100.41
	558	8.14e-002	-4.10	-0.52	80.58	-216.17	-78.92
	545	8.14e-002	-4.37	-0.43	68.54	-230.50	-89.09
461	543	8.81e-002	-4.96	-0.39	59.40	-319.61	-134.84
	556	8.81e-002	-4.67	-0.47	63.23	-314.00	-135.97
	557	0.13	-4.67	-0.49	55.47	-253.87	-119.24
	544	0.13	-4.96	-0.41	64.39	-272.20	-118.13
462	542	6.33e-002	-5.55	-0.43	62.59	-398.04	-131.51
	555	6.33e-002	-5.26	-0.51	62.43	-408.70	-132.98
	556	8.81e-002	-5.26	-0.48	55.09	-345.31	-138.54
	543	8.81e-002	-5.55	-0.40	67.38	-347.46	-137.06
463	338	7.17e-002	-6.19	-0.48	58.49	-450.82	-116.43
	290	7.17e-002	-5.88	-0.58	45.00	-458.57	-108.18
	555	6.33e-002	-5.88	-0.55	57.43	-425.07	-120.14
	542	6.33e-002	-6.19	-0.45	62.88	-414.69	-128.44
464	540	0.50	-7.85e-002	-0.29	206.61	29.91	239.23
	553	0.50	-4.76e-002	-0.29	201.14	114.18	260.93
	554	1.52	-4.76e-002	-9.06e-002	206.48	24.64	338.27
	541	1.52	-7.85e-002	-9.33e-002	273.01	24.76	316.24
465	539	0.19	-0.40	0.20	164.27	34.95	147.04
	552	0.19	-0.22	0.17	168.36	66.03	160.01
	553	0.50	-0.22	-0.32	172.65	78.29	217.95
	540	0.50	-0.40	0.26	210.43	38.45	204.13
466	538	9.45e-002	-0.92	0.24	137.59	33.80	95.57
	551	9.45e-002	-0.65	0.14	152.87	38.12	99.79
	552	0.19	-0.65	0.14	153.00	59.85	135.19
	539	0.19	-0.92	0.23	162.81	34.33	129.73
467	537	7.44e-002	-1.40	0.23	122.72	59.01	68.99
	550	7.44e-002	-1.14	0.14	139.62	50.89	70.09
	551	9.45e-002	-1.14	0.13	140.12	33.26	86.81
	538	9.45e-002	-1.40	0.24	140.00	36.66	84.46
468	536	7.87e-002	-1.91	0.20	107.38	-85.95	55.33
	549	7.87e-002	-1.65	-0.17	113.29	-75.38	55.65
	550	7.44e-002	-1.65	-0.15	131.47	55.83	65.62
	537	7.44e-002	-1.91	0.22	119.53	-63.21	62.58
469	535	0.10	-2.42	0.21	86.18	-107.67	-59.93
	548	0.10	-2.19	-0.17	96.53	-89.47	-53.51
	549	7.87e-002	-2.19	-0.18	112.73	67.28	51.59
	536	7.87e-002	-2.42	0.20	95.24	-81.81	53.47
470	534	8.36e-002	-2.94	0.23	77.46	-151.52	-81.11
	547	8.36e-002	-2.71	-0.16	94.58	-139.65	-78.80
	548	0.10	-2.71	-0.17	90.57	-99.35	-63.51
	535	0.10	-2.94	0.22	85.01	-116.33	-65.80
471	533	7.06e-002	-3.46	0.21	76.76	-205.19	-92.81
	546	7.06e-002	-3.23	-0.19	91.51	-203.21	-91.45
	547	8.36e-002	-3.23	-0.17	86.92	-161.13	-85.91
	534	8.36e-002	-3.46	0.23	82.73	-168.81	-87.33
472	532	8.85e-002	-4.02	0.19	72.42	-246.19	-98.90
	545	8.85e-002	-3.78	-0.22	74.50	-242.75	-91.97
	546	7.06e-002	-3.78	-0.21	86.81	-215.86	-89.86
	533	7.06e-002	-4.02	0.21	76.47	-216.18	-96.75
473	531	0.11	-4.61	0.21	61.00	-276.87	-116.95
	544	0.11	-4.37	-0.22	64.59	-265.09	-110.37
	545	8.85e-002	-4.37	-0.23	75.82	-237.83	-96.81
	532	8.85e-002	-4.61	0.20	63.94	-246.18	-103.30
474	530	9.25e-002	-5.22	0.23	57.99	-328.27	-132.73
	543	9.25e-002	-4.96	-0.21	65.28	-323.02	-133.09
	544	0.11	-4.96	-0.22	61.17	-278.94	-122.25
	531	0.11	-5.22	0.22	60.93	-289.17	-121.90
475	529	7.27e-002	-5.84	0.22	60.35	-390.25	-133.07

	542	7.27e-002	-5.55	-0.23	64.82	-394.52	-134.26
	543	9.25e-002	-5.55	-0.22	60.12	-347.64	-136.07
	530	9.25e-002	-5.84	0.23	62.78	-348.84	-134.87
476	335	7.62e-002	-6.49	0.22	59.30	-442.56	-125.98
	338	7.62e-002	-6.19	-0.25	54.84	-446.12	-122.11
	542	7.27e-002	-6.19	-0.24	61.52	-411.29	-128.19
	529	7.27e-002	-6.49	0.23	61.18	-405.44	-132.06
477	528	0.36	-0.42	0.39	222.20	-40.53	148.10
	540	0.36	-7.85e-002	0.21	229.24	-52.21	232.50
	541	2.18	-7.85e-002	-0.43	276.22	15.72	330.84
	365	2.18	-0.42	-0.31	426.72	-146.51	244.47
478	527	0.13	-0.80	0.41	138.70	36.73	121.79
	539	0.13	-0.40	0.32	161.91	28.90	145.60
	540	0.36	-0.40	0.35	190.45	27.21	188.75
	528	0.36	-0.80	0.43	189.97	-40.46	163.53
479	526	8.57e-002	-1.26	0.49	102.81	-51.35	86.94
	538	8.57e-002	-0.92	0.41	133.66	38.07	94.98
	539	0.13	-0.92	0.37	145.10	28.39	121.90
	527	0.13	-1.26	0.45	129.50	33.49	112.12
480	525	7.27e-002	-1.70	0.45	83.32	-77.61	65.70
	537	7.27e-002	-1.40	0.39	113.95	-65.55	67.84
	538	8.57e-002	-1.40	0.41	121.63	41.54	82.13
	526	8.57e-002	-1.70	0.47	100.26	-52.17	78.10
481	524	7.91e-002	-2.16	0.44	68.93	-104.37	57.61
	536	7.91e-002	-1.91	0.37	92.71	-92.12	55.73
	537	7.27e-002	-1.91	0.38	106.09	-69.21	62.05
	525	7.27e-002	-2.16	0.44	79.69	-78.24	61.25
482	523	9.13e-002	-2.64	0.44	55.93	-131.59	-65.91
	535	9.13e-002	-2.42	0.38	78.86	-116.57	-60.75
	536	7.91e-002	-2.42	0.37	89.19	-90.97	-55.40
	524	7.91e-002	-2.64	0.43	62.85	-103.01	-58.59
483	522	8.29e-002	-3.15	0.46	50.29	-169.79	-83.39
	534	8.29e-002	-2.94	0.39	74.46	-158.56	-80.97
	535	9.13e-002	-2.94	0.38	73.99	-125.02	-69.41
	523	9.13e-002	-3.15	0.45	55.13	-136.96	-71.74
484	521	7.56e-002	-3.68	0.46	49.68	-213.50	-96.20
	533	7.56e-002	-3.46	0.39	71.02	-208.02	-94.97
	534	8.29e-002	-3.46	0.40	69.26	-173.65	-88.32
	522	8.29e-002	-3.68	0.46	52.78	-180.01	-89.59
485	520	8.52e-002	-4.24	0.46	48.77	-252.99	-105.62
	532	8.52e-002	-4.02	0.39	62.60	-247.86	-102.39
	533	7.56e-002	-4.02	0.39	67.84	-219.05	-97.86
	521	7.56e-002	-4.24	0.46	50.06	-221.49	-101.08
486	519	0.10	-4.84	0.48	45.81	-289.48	-119.17
	531	0.10	-4.61	0.40	57.84	-281.34	-116.64
	532	8.52e-002	-4.61	0.39	62.23	-251.86	-107.67
	520	8.52e-002	-4.84	0.46	46.21	-257.11	-110.21
487	518	8.63e-002	-5.47	0.50	46.44	-335.54	-130.20
	530	8.63e-002	-5.22	0.43	58.87	-330.86	-131.43
	531	0.10	-5.22	0.41	55.73	-293.96	-124.54
	519	0.10	-5.47	0.49	46.66	-299.13	-123.33
488	517	7.38e-002	-6.11	0.51	50.58	-387.91	-131.87
	529	7.38e-002	-5.84	0.44	60.07	-388.74	-134.08
	530	8.63e-002	-5.84	0.43	55.86	-349.75	-134.48
	518	8.63e-002	-6.11	0.51	50.04	-349.61	-132.27
489	291	6.89e-002	-6.78	0.52	54.41	-437.69	-127.77
	335	6.89e-002	-6.49	0.44	57.23	-439.60	-128.12
	529	7.38e-002	-6.49	0.43	58.14	-404.29	-131.92
	517	7.38e-002	-6.78	0.52	52.75	-400.15	-131.57
490	515	0.24	-1.08	0.75	138.96	-77.97	115.63

	528	0.24	-0.42	0.53	191.93	27.81	150.00
	365	0.62	-0.42	0.17	244.98	-181.42	118.43
	516	0.62	-1.08	0.31	199.96	-88.33	86.83
491	514	7.05e-002	-1.34	0.84	85.84	-55.88	102.76
	527	7.05e-002	-0.80	0.53	123.21	-43.02	121.32
	528	0.24	-0.80	0.59	175.70	-52.78	132.30
	515	0.24	-1.34	0.91	106.00	-52.89	113.06
492	513	5.48e-002	-1.62	0.93	53.96	-63.11	78.69
	526	5.48e-002	-1.26	0.61	88.24	-58.53	86.88
	527	7.05e-002	-1.26	0.57	112.23	-42.70	102.96
	514	7.05e-002	-1.62	0.89	69.48	-59.88	93.34
493	512	5.21e-002	-1.97	0.93	38.66	-84.96	63.44
	525	5.21e-002	-1.70	0.58	67.36	-83.65	65.73
	526	5.48e-002	-1.70	0.60	82.24	-61.31	75.79
	513	5.48e-002	-1.97	0.94	45.97	-79.79	71.83
494	511	5.63e-002	-2.36	0.95	32.44	-110.81	59.62
	524	5.63e-002	-2.16	0.58	52.16	-109.82	58.24
	525	5.21e-002	-2.16	0.57	65.16	-87.04	61.14
	512	5.21e-002	-2.36	0.94	34.34	-104.40	60.85
495	510	6.11e-002	-2.81	0.98	30.59	-138.94	-68.07
	523	6.11e-002	-2.64	0.59	43.83	-137.90	-65.38
	524	5.63e-002	-2.64	0.58	52.91	-112.77	-60.01
	511	5.63e-002	-2.81	0.97	30.87	-131.46	-61.87
496	509	5.73e-002	-3.31	1.03	29.95	-173.05	-82.61
	522	5.73e-002	-3.15	0.61	41.15	-174.93	-81.56
	523	6.11e-002	-3.15	0.59	44.80	-145.73	-72.82
	510	6.11e-002	-3.31	1.01	30.47	-164.44	-73.81
497	508	5.36e-002	-3.85	1.07	29.22	-210.69	-95.03
	521	5.36e-002	-3.68	0.62	40.14	-216.15	-95.06
	522	5.73e-002	-3.68	0.61	42.54	-186.31	-88.65
	509	5.73e-002	-3.85	1.06	29.70	-202.48	-88.65
498	507	5.71e-002	-4.42	1.10	29.05	-248.25	-104.98
	520	5.71e-002	-4.24	0.64	38.55	-254.52	-104.79
	521	5.36e-002	-4.24	0.62	42.73	-226.47	-99.83
	508	5.36e-002	-4.42	1.09	28.89	-240.36	-100.04
499	506	6.09e-002	-5.03	1.15	29.51	-285.50	-115.72
	519	6.09e-002	-4.84	0.66	38.65	-291.71	-116.24
	520	5.71e-002	-4.84	0.64	42.34	-262.74	-110.08
	507	5.71e-002	-5.03	1.13	28.26	-277.48	-109.58
500	505	5.68e-002	-5.67	1.20	32.22	-327.29	-123.94
	518	5.68e-002	-5.47	0.69	41.57	-336.57	-126.32
	519	6.09e-002	-5.47	0.67	42.22	-303.68	-122.05
	506	6.09e-002	-5.67	1.18	28.82	-318.53	-119.70
501	504	4.96e-002	-6.33	1.25	38.61	-373.53	-125.60
	517	4.96e-002	-6.11	0.71	45.91	-386.46	-128.78
	518	5.68e-002	-6.11	0.70	45.56	-351.66	-129.15
	505	5.68e-002	-6.33	1.23	32.50	-363.83	-125.97
502	330	4.63e-002	-7.02	1.28	47.90	-420.08	-121.69
	291	4.63e-002	-6.78	0.73	50.04	-434.69	-124.85
	517	4.96e-002	-6.78	0.72	51.32	-400.74	-128.38
	504	4.96e-002	-7.02	1.27	38.69	-410.32	-125.21
503	503	0.14	-1.98	0.58	63.74	-123.57	75.62
	515	0.14	-1.08	0.81	118.39	-87.02	100.86
	516	0.22	-1.08	0.53	175.18	-69.41	78.22
	361	0.22	-1.98	0.31	98.06	24.95	56.53
504	502	4.22e-002	-1.95	0.66	-53.35	-144.43	73.61
	514	4.22e-002	-1.34	0.99	75.97	-71.78	90.21
	515	0.14	-1.34	0.97	95.78	-51.50	96.11
	503	0.14	-1.95	0.64	52.85	19.29	78.47
505	501	3.65e-002	-1.99	0.70	-72.07	-161.31	64.26

	513	3.65e-002	-1.62	1.07	48.39	-78.18	71.36
	514	4.22e-002	-1.62	1.04	44.96	-61.25	78.96
	502	4.22e-002	-1.99	0.67	-40.68	16.43	70.15
506	500	3.64e-002	-2.19	0.73	-84.46	-183.46	60.66
	512	3.64e-002	-1.97	1.10	35.80	-99.22	61.85
	513	3.65e-002	-1.97	1.08	-34.83	-81.01	65.18
	501	3.65e-002	-2.19	0.71	-46.92	19.05	62.32
507	499	3.90e-002	-2.52	0.76	-90.87	-210.87	-65.39
	511	3.90e-002	-2.36	1.14	-31.87	-124.80	-63.98
	512	3.64e-002	-2.36	1.12	-39.96	-104.96	61.93
	500	3.64e-002	-2.52	0.74	-53.73	37.85	62.28
508	498	4.03e-002	-2.95	0.81	-92.05	-241.65	-77.46
	510	4.03e-002	-2.81	1.20	-31.12	-153.04	-76.15
	511	3.90e-002	-2.81	1.17	-45.93	-132.09	-69.28
	499	3.90e-002	-2.95	0.78	-57.03	-62.31	-70.21
509	497	3.75e-002	-3.45	0.85	-87.30	-277.13	-92.05
	509	3.75e-002	-3.31	1.26	30.31	-186.29	-92.46
	510	4.03e-002	-3.31	1.23	-49.32	-164.04	-84.28
	498	4.03e-002	-3.45	0.82	-53.97	-89.59	-83.83
510	496	3.50e-002	-4.00	0.89	-78.40	-314.77	-105.06
	508	3.50e-002	-3.85	1.31	30.06	-222.56	-106.46
	509	3.75e-002	-3.85	1.28	-47.78	-200.13	-99.84
	497	3.75e-002	-4.00	0.86	-47.05	-120.17	-98.46
511	495	3.60e-002	-4.58	0.92	-69.16	-354.62	-116.10
	507	3.60e-002	-4.42	1.36	30.86	-259.69	-117.40
	508	3.50e-002	-4.42	1.34	-43.64	-236.34	-112.00
	496	3.50e-002	-4.58	0.90	-39.77	-151.00	-110.71
512	494	3.73e-002	-5.20	0.96	-59.58	-395.23	-126.08
	506	3.73e-002	-5.03	1.42	34.21	-297.06	-127.99
	507	3.60e-002	-5.03	1.39	-39.14	-272.89	-122.69
	495	3.60e-002	-5.20	0.93	-34.33	-183.52	-120.81
513	493	3.51e-002	-5.86	1.01	-47.72	-437.91	-132.99
	505	3.51e-002	-5.67	1.48	41.69	-337.89	-136.38
	506	3.73e-002	-5.67	1.45	-34.33	-312.78	-132.95
	494	3.73e-002	-5.86	0.98	-32.21	-218.64	-129.58
514	492	3.22e-002	-6.54	1.04	-36.17	-484.01	-134.82
	504	3.22e-002	-6.33	1.54	52.36	-382.69	-138.87
	505	3.51e-002	-6.33	1.51	-28.98	-355.97	-138.91
	493	3.51e-002	-6.54	1.02	38.34	-255.69	-134.88
515	287	3.80e-002	-7.27	1.08	-30.02	-530.82	-132.01
	330	3.80e-002	-7.02	1.59	60.75	-428.56	-135.67
	504	3.22e-002	-7.02	1.57	26.89	-400.25	-138.42
	492	3.22e-002	-7.27	1.05	50.83	-295.28	-134.77
516	489	8.86e-002	0.52	0.87	32.20	-53.40	54.33
	503	8.86e-002	-1.98	0.59	54.68	-31.72	68.93
	361	0.13	-1.98	0.37	74.86	-87.29	56.01
	491	0.13	0.52	0.65	42.45	-48.01	45.14
517	487	0.11	0.84	0.98	-29.37	-42.17	56.81
	502	0.11	-1.95	0.68	-46.13	15.29	72.92
	503	8.86e-002	-1.95	0.64	50.13	-80.15	73.09
	489	8.86e-002	0.84	0.94	27.98	-39.52	55.98
518	485	0.11	1.26	1.16	-38.08	-36.18	56.48
	501	0.11	-1.99	0.78	-57.66	32.35	64.17
	502	0.11	-1.99	0.71	-51.95	-70.36	68.69
	487	0.11	1.26	1.09	-24.57	-31.25	58.17
519	483	0.11	1.75	1.33	-46.77	-33.20	-57.82
	500	0.11	-2.19	0.84	-66.68	44.78	59.36
	501	0.11	-2.19	0.79	-66.44	-69.97	61.42
	485	0.11	1.75	1.28	-29.32	-27.48	56.97
520	481	0.10	2.28	1.47	-50.87	-32.11	-63.37

	499	0.10	-2.52	0.90	-71.10	52.18	-62.15
	500	0.11	-2.52	0.85	-75.61	-73.08	58.83
	483	0.11	2.28	1.42	-33.92	-26.25	-58.15
521	479	0.10	2.85	1.60	-51.60	-30.93	-72.86
	498	0.10	-2.95	0.95	-69.79	58.56	-71.59
	499	0.10	-2.95	0.91	-79.43	-78.00	-63.59
	481	0.10	2.85	1.56	-35.02	-26.01	-64.06
522	477	8.00e-002	3.46	1.71	-49.48	-28.99	-84.08
	497	8.00e-002	-3.45	1.01	-63.47	64.01	-84.02
	498	0.10	-3.45	0.97	-77.49	-83.12	-74.14
	479	0.10	3.46	1.67	-33.19	-25.24	-73.96
523	475	7.12e-002	4.09	1.81	-45.17	-26.72	-95.21
	496	7.12e-002	-4.00	1.05	-54.59	68.65	-96.03
	497	8.00e-002	-4.00	1.03	-70.58	-87.35	-86.44
	477	8.00e-002	4.09	1.78	-29.45	-23.48	-85.56
524	473	5.74e-002	4.76	1.90	-39.07	-24.81	-105.00
	495	5.74e-002	-4.58	1.11	-45.75	72.21	-106.05
	496	7.12e-002	-4.58	1.07	-61.38	-91.17	-97.83
	475	7.12e-002	4.76	1.86	-24.60	-21.52	-96.77
525	471	4.54e-002	5.46	1.98	-32.13	-22.66	-112.54
	494	4.54e-002	-5.20	1.15	-36.75	75.94	-114.20
	495	5.74e-002	-5.20	1.12	-52.02	-95.28	-107.74
	473	5.74e-002	5.46	1.96	-19.49	-19.76	-106.11
526	469	3.67e-002	6.19	2.09	-24.80	-19.81	-116.75
	493	3.67e-002	-5.86	1.21	-29.75	79.87	-119.50
	494	4.54e-002	-5.86	1.17	-41.89	-99.87	-115.68
	471	4.54e-002	6.19	2.04	-16.56	-17.75	-112.97
527	467	3.42e-002	6.95	2.17	-18.08	-16.64	-117.13
	492	3.42e-002	-6.54	1.26	-31.02	83.54	-120.53
	493	3.67e-002	-6.54	1.23	-32.04	-103.80	-120.01
	469	3.67e-002	6.95	2.14	18.92	-15.11	-116.65
528	325	3.31e-002	7.73	2.24	-15.40	-13.31	-112.22
	287	3.31e-002	-7.27	1.29	41.18	84.57	-115.97
	492	3.42e-002	-7.27	1.27	-28.42	-106.90	-120.07
	467	3.42e-002	7.73	2.21	26.34	-12.79	-116.35
529	490	7.31e-002	2.66	6.21e-002	4.61	-46.12	48.62
	489	7.31e-002	0.52	0.68	20.67	-48.27	50.89
	491	3.71e-002	0.52	0.54	23.05	-47.01	45.22
	360	3.71e-002	2.66	-0.10	4.73	45.44	43.28
530	488	4.04e-002	3.43	-1.43e-002	3.80	-44.67	52.71
	487	4.04e-002	0.84	0.74	-18.91	-42.07	56.04
	489	7.31e-002	0.84	0.75	19.30	-41.34	53.18
	490	7.31e-002	3.43	-2.88e-002	-3.72	-44.89	49.83
531	486	0.11	4.41	5.53e-002	-3.71	-45.16	53.65
	485	0.11	1.26	0.91	-24.02	-39.31	55.65
	487	4.04e-002	1.26	0.86	-18.57	-33.76	55.71
	488	4.04e-002	4.41	2.52e-002	-4.69	-45.11	53.30
532	484	3.59e-002	5.59	-1.96e-002	-4.50	-46.23	54.18
	483	3.59e-002	1.75	1.06	-28.72	-38.64	55.06
	485	0.11	1.75	1.02	-23.91	-29.57	55.05
	486	0.11	5.59	-4.71e-002	-5.95	-46.50	53.78
533	482	0.12	7.00	6.13e-002	-5.07	-46.69	-57.13
	481	0.12	2.28	1.18	-30.85	-38.91	-57.69
	483	3.59e-002	2.28	1.15	-28.26	-27.64	55.14
	484	3.59e-002	7.00	3.07e-002	-6.70	-47.94	54.43
534	480	2.76e-002	8.56	-2.52e-002	-5.19	-45.58	-63.37
	479	2.76e-002	2.85	1.30	-30.64	-38.69	-64.24
	481	0.12	2.85	1.27	-29.95	-26.53	-58.76
	482	0.12	8.56	-4.70e-002	-6.90	-48.38	-57.92
535	478	9.15e-002	10.27	5.48e-002	-4.93	-42.70	-71.89

	477	9.15e-002	3.46	1.39	-28.59	-37.34	-73.30
	479	2.76e-002	3.46	1.36	-29.30	-24.84	-66.02
	480	2.76e-002	10.27	2.77e-002	-6.70	-46.96	-64.72
536	476	2.25e-002	12.10	-2.25e-002	-4.41	-38.73	-81.05
	475	2.25e-002	4.09	1.47	-25.18	-35.19	-82.97
	477	9.15e-002	4.09	1.46	-26.92	-22.46	-75.36
	478	9.15e-002	12.10	-3.10e-002	-6.18	-43.80	-73.53
537	474	4.02e-002	14.00	3.25e-002	-3.66	-34.29	-89.22
	473	4.02e-002	4.76	1.55	-20.89	-32.97	-91.60
	475	2.25e-002	4.76	1.52	-23.39	-20.11	-84.95
	476	2.25e-002	14.00	-1.53e-002	-5.37	-39.78	-82.64
538	472	2.25e-002	16.03	1.83e-002	-2.84	-29.37	-95.16
	471	2.25e-002	5.46	1.61	-16.25	-30.53	-97.93
	473	4.02e-002	5.46	1.61	-19.08	-17.92	-93.20
	474	4.02e-002	16.03	-1.52e-002	-4.37	-35.28	-90.49
539	470	-5.92e-002	18.12	1.70e-002	-2.32	-24.06	-98.11
	469	-5.92e-002	6.19	1.70	-12.23	-27.36	-101.18
	471	2.25e-002	6.19	1.67	-14.59	-15.59	-98.95
	472	2.25e-002	18.12	-3.90e-002	-3.32	-30.11	-95.91
540	468	1.78e-002	20.33	5.14e-002	-2.54	-19.46	-97.51
	467	1.78e-002	6.95	1.77	-11.24	-23.57	-100.88
	469	-5.92e-002	6.95	1.75	-11.38	-13.56	-101.56
	470	-5.92e-002	20.33	3.51e-002	-2.43	-24.47	-98.21
541	286	-7.10e-002	22.64	2.17e-002	4.10	17.71	-93.37
	325	-7.10e-002	7.73	1.82	14.06	-19.15	-96.67
	467	1.78e-002	7.73	1.82	-12.17	12.98	-100.19
	468	1.78e-002	22.64	-2.48e-002	-2.19	-19.55	-96.90
542	453	4.61e-002	-0.51	0.74	7.91	38.08	65.27
	466	4.61e-002	-2.41	5.58e-002	-3.40	36.65	64.14
	359	-2.11e-002	-2.41	-0.11	-3.81	28.11	60.75
	454	-2.11e-002	-0.51	0.59	-12.49	25.60	61.65
543	452	-1.50e-002	-0.80	0.75	10.16	43.34	67.58
	465	-1.50e-002	-3.30	3.20e-002	-1.79	43.58	66.44
	466	4.61e-002	-3.30	4.13e-002	1.86	39.83	65.27
	453	4.61e-002	-0.80	0.79	7.40	35.49	66.38
544	451	5.51e-002	-1.14	0.89	15.73	40.50	65.76
	464	5.51e-002	-4.32	-1.94e-002	1.87	44.98	65.42
	465	-1.50e-002	-4.32	-5.50e-002	3.11	43.99	66.67
	452	-1.50e-002	-1.14	0.83	9.34	35.14	67.24
545	450	-2.74e-002	-1.53	0.98	17.83	43.90	63.25
	463	-2.74e-002	-5.49	5.13e-002	3.15	48.63	63.50
	464	5.51e-002	-5.49	3.02e-002	4.11	46.04	65.07
	451	5.51e-002	-1.53	0.96	14.82	36.48	64.98
546	449	7.18e-002	-1.96	1.12	16.87	48.31	62.02
	462	7.18e-002	-6.83	-2.08e-002	3.11	52.72	61.91
	463	-2.74e-002	-6.83	-5.21e-002	4.09	50.42	62.99
	450	-2.74e-002	-1.96	1.08	17.26	42.69	63.01
547	448	-1.75e-002	-2.44	1.21	16.53	49.68	-60.27
	461	-1.75e-002	-8.32	6.01e-002	2.46	54.40	-60.14
	462	7.18e-002	-8.32	3.64e-002	3.69	53.70	61.39
	449	7.18e-002	-2.44	1.18	16.06	46.42	61.47
548	447	5.70e-002	-2.96	1.30	16.43	52.19	-59.10
	460	5.70e-002	-9.94	-2.03e-002	2.70	56.62	-59.39
	461	-1.75e-002	-9.94	-3.52e-002	3.95	54.99	-59.67
	448	-1.75e-002	-2.96	1.28	14.59	49.74	-59.38
549	446	-1.39e-002	-3.53	1.38	13.80	55.59	-60.26
	459	-1.39e-002	-11.66	5.39e-002	2.71	60.10	-59.77
	460	5.70e-002	-11.66	2.64e-002	3.67	57.43	-58.98
	447	5.70e-002	-3.53	1.35	14.68	-55.77	-59.35
550	445	2.92e-002	-4.13	1.43	10.11	56.09	-60.47

	458	2.92e-002	-13.49	1.44e-002	1.84	-63.12	-59.11
	459	-1.39e-002	-13.49	-1.50e-002	2.52	60.07	-59.36
	446	-1.39e-002	-4.13	1.43	12.60	-59.87	-60.62
551	444	-1.34e-002	-4.78	1.45	9.42	-61.64	-57.55
	457	-1.34e-002	-15.33	1.99e-002	1.53	-71.60	-57.12
	458	2.92e-002	-15.33	1.34e-002	1.89	-63.14	-58.73
	445	2.92e-002	-4.78	1.44	8.58	-63.36	-59.17
552	443	-8.19e-002	-5.47	1.44	13.60	-84.87	-56.25
	456	-8.19e-002	-17.18	3.17e-002	2.05	-91.17	-58.15
	457	-1.34e-002	-17.18	4.05e-002	3.07	-75.39	-57.26
	444	-1.34e-002	-5.47	1.45	7.39	-79.77	-55.59
553	442	-4.85e-002	-6.15	1.51	20.88	-105.99	-66.43
	455	-4.85e-002	-19.03	1.83e-002	3.87	-100.23	-69.46
	456	-8.19e-002	-19.03	-3.71e-002	7.10	-96.99	-59.62
	443	-8.19e-002	-6.15	1.48	10.48	-111.61	-57.22
554	318	-0.12	-6.71	1.65	15.15	-67.95	-92.73
	285	-0.12	-21.07	7.41e-002	4.63	-64.82	-86.99
	455	-4.85e-002	-21.07	2.61e-002	9.01	-94.14	-71.32
	442	-4.85e-002	-6.71	1.60	19.41	-120.03	-76.97
555	441	-3.06e-002	1.51	0.49	24.83	21.52	72.43
	453	-3.06e-002	-0.51	0.88	11.11	39.84	65.65
	454	-2.85e-002	-0.51	0.71	-24.64	23.52	63.85
	358	-2.85e-002	1.51	0.32	24.32	52.05	71.89
556	440	-2.48e-002	1.89	0.54	32.25	-24.65	70.05
	452	-2.48e-002	-0.80	0.95	17.91	41.77	66.85
	453	-3.06e-002	-0.80	0.92	-10.30	36.42	67.94
	441	-3.06e-002	1.89	0.52	32.35	76.03	71.48
557	439	-2.29e-002	2.17	0.65	31.69	-41.31	66.01
	451	-2.29e-002	-1.14	1.09	27.09	36.40	65.33
	452	-2.48e-002	-1.14	1.03	11.44	34.93	67.39
	440	-2.48e-002	2.17	0.58	36.45	64.88	68.75
558	438	-2.17e-002	2.50	0.69	36.29	-56.62	63.43
	450	-2.17e-002	-1.53	1.20	29.19	40.72	64.10
	451	-2.29e-002	-1.53	1.17	18.59	35.05	64.88
	439	-2.29e-002	2.50	0.66	35.74	54.52	65.26
559	437	-2.15e-002	3.00	0.75	39.28	-72.77	63.16
	449	-2.15e-002	-1.96	1.35	30.95	45.15	-65.36
	450	-2.17e-002	-1.96	1.30	17.43	41.57	63.79
	438	-2.17e-002	3.00	0.70	43.04	61.45	62.53
560	436	-1.97e-002	3.59	0.84	39.13	-77.02	-61.71
	448	-1.97e-002	-2.44	1.48	30.10	46.14	-63.94
	449	-2.15e-002	-2.44	1.42	13.38	44.66	-64.51
	437	-2.15e-002	3.59	0.78	49.27	74.17	-62.55
561	435	-2.05e-002	4.11	0.90	31.74	-90.17	-62.46
	447	-2.05e-002	-2.96	1.58	31.20	-50.48	-64.00
	448	-1.97e-002	-2.96	1.55	14.58	47.43	-62.78
	436	-1.97e-002	4.11	0.87	43.93	67.34	-61.37
562	434	-2.23e-002	4.67	0.95	31.03	-97.51	-65.43
	446	-2.23e-002	-3.53	1.67	26.93	-55.09	-67.15
	447	-2.05e-002	-3.53	1.64	15.83	-53.63	-63.72
	435	-2.05e-002	4.67	0.92	36.33	59.97	-62.25
563	433	-2.30e-002	5.35	1.00	31.23	-108.03	-68.11
	445	-2.30e-002	-4.13	1.75	22.47	-55.56	-69.93
	446	-2.23e-002	-4.13	1.72	10.23	-57.10	-66.73
	434	-2.23e-002	5.35	0.97	38.21	60.44	-65.07
564	432	-2.87e-002	5.94	1.09	26.07	-123.71	-66.09
	444	-2.87e-002	-4.78	1.81	19.49	-62.20	-66.72
	445	-2.30e-002	-4.78	1.77	7.96	-57.72	-68.10
	433	-2.30e-002	5.94	1.04	39.52	61.01	-67.47
565	431	-2.96e-002	6.34	1.14	20.80	-152.32	-65.84

	443	-2.96e-002	-5.47	1.82	18.22	-91.04	-63.81
	444	-2.87e-002	-5.47	1.81	9.94	-71.94	-64.71
	432	-2.87e-002	6.34	1.13	28.42	41.57	-66.76
566	430	-3.61e-002	6.54	1.07	-39.39	-209.30	-72.33
	442	-3.61e-002	-6.15	1.83	31.05	-118.67	-73.82
	443	-2.96e-002	-6.15	1.86	11.58	-108.81	-66.56
	431	-2.96e-002	6.54	1.10	22.39	-45.90	-65.52
567	284	-8.52e-002	7.23	0.80	34.80	-200.64	-94.21
	318	-8.52e-002	-6.71	1.80	41.21	-77.09	-107.43
	442	-3.61e-002	-6.71	1.92	19.50	-130.61	-84.16
	430	-3.61e-002	7.23	0.92	36.04	-59.88	-72.26
568	427	-0.11	1.03	0.37	15.62	47.03	81.48
	441	-0.11	1.51	0.33	34.14	84.91	73.66
	358	-4.87e-002	1.51	0.33	-27.04	-18.59	77.77
	429	-4.87e-002	1.03	0.36	-16.34	32.31	86.69
569	425	-0.15	1.47	0.65	11.17	66.56	69.77
	440	-0.15	1.89	0.57	48.80	114.80	69.23
	441	-0.11	1.89	0.37	25.72	-30.51	73.73
	427	-0.11	1.47	0.46	25.52	54.64	74.82
570	423	1.20e-002	1.90	0.80	9.46	88.14	66.28
	439	1.20e-002	2.17	0.49	46.60	141.56	66.71
	440	-0.15	2.17	0.56	23.01	-37.97	68.03
	425	-0.15	1.90	0.87	30.81	73.96	67.65
571	421	7.55e-002	2.46	0.88	15.43	108.76	64.14
	438	7.55e-002	2.50	0.54	50.55	166.55	64.36
	439	1.20e-002	2.50	0.49	22.35	50.49	65.86
	423	1.20e-002	2.46	0.83	29.66	93.92	66.02
572	419	-6.98e-002	3.05	0.76	23.39	134.39	61.86
	437	-6.98e-002	3.00	0.56	59.11	194.66	-63.86
	438	7.55e-002	3.00	0.57	30.63	67.83	64.30
	421	7.55e-002	3.05	0.77	36.37	109.83	63.22
573	417	-0.13	3.75	0.96	13.31	160.13	-65.76
	436	-0.13	3.59	0.74	62.32	230.00	-66.20
	437	-6.98e-002	3.59	0.59	31.62	91.32	-64.17
	419	-6.98e-002	3.75	0.82	47.98	143.85	-63.42
574	415	1.31e-002	4.44	1.12	9.39	198.66	-68.44
	435	1.31e-002	4.11	0.69	52.13	269.90	-67.46
	436	-0.13	4.11	0.74	24.93	112.90	-67.14
	417	-0.13	4.44	1.16	42.06	175.95	-67.92
575	413	-3.59e-002	5.23	1.16	11.23	231.32	-67.59
	434	-3.59e-002	4.67	0.69	50.62	307.60	-69.45
	435	1.31e-002	4.67	0.68	21.01	138.18	-69.62
	415	1.31e-002	5.23	1.15	34.14	208.73	-67.86
576	411	-0.11	6.07	1.18	12.93	266.67	-72.31
	433	-0.11	5.35	0.76	55.69	350.66	-74.98
	434	-3.59e-002	5.35	0.72	24.07	165.99	-71.37
	413	-3.59e-002	6.07	1.13	35.86	238.89	-68.95
577	409	-0.13	6.99	1.47	-16.52	296.98	-82.64
	432	-0.13	5.94	0.99	52.20	396.50	-80.39
	433	-0.11	5.94	0.80	24.19	191.01	-74.85
	411	-0.11	6.99	1.28	41.99	278.40	-76.93
578	407	-4.08e-002	7.90	1.56	-33.99	331.90	-90.39
	431	-4.08e-002	6.34	0.84	32.44	439.13	-83.50
	432	-0.13	6.34	0.98	26.92	212.30	-80.27
	409	-0.13	7.90	1.69	32.99	312.46	-87.02
579	405	0.70	9.00	1.78	-52.62	361.13	-88.36
	430	0.70	6.54	1.14	25.76	448.39	-79.16
	431	-4.08e-002	6.54	0.89	-48.22	248.82	-84.26
	407	-4.08e-002	9.00	1.53	16.14	341.74	-93.56
580	305	0.35	8.98	0.20	-35.48	409.53	-63.06

	284	0.35	7.23	0.37	33.30	449.43	-70.15
	430	0.70	7.23	1.12	-65.58	330.45	-86.39
	405	0.70	8.98	0.84	-18.46	394.28	-78.45
581	428	-0.37	0.86	-0.10	32.53	-24.99	94.27
	427	-0.37	1.03	0.17	16.48	40.30	82.14
	429	3.80e-002	1.03	0.29	-16.54	-31.85	97.71
	367	3.80e-002	0.86	-0.23	4.49	-31.15	111.58
582	426	0.12	-0.75	0.54	6.00	68.24	67.00
	425	0.12	1.47	0.47	14.34	56.77	70.95
	427	-0.37	1.47	0.23	18.73	54.06	80.93
	428	-0.37	-0.75	0.26	33.15	-27.41	74.94
583	424	1.08e-002	1.68	-0.14	2.64	88.33	66.79
	423	1.08e-002	1.90	0.57	10.78	82.44	67.08
	425	0.12	1.90	0.70	10.70	75.91	68.38
	426	0.12	1.68	-2.86e-002	4.66	67.18	68.11
584	422	-3.69e-002	2.49	-5.22e-002	7.70	107.83	66.02
	421	-3.69e-002	2.46	0.70	13.49	101.81	65.30
	423	1.08e-002	2.46	0.60	13.08	97.75	66.15
	424	1.08e-002	2.49	-0.15	1.88	91.15	66.89
585	420	-0.24	3.46	-7.87e-002	53.22	94.71	62.49
	419	-0.24	3.05	0.42	33.10	125.82	59.37
	421	-3.69e-002	3.05	0.58	24.35	108.37	62.69
	422	-3.69e-002	3.46	0.21	8.83	115.99	70.78
586	418	0.10	3.53	0.42	10.61	170.26	-69.14
	417	0.10	3.75	0.70	22.62	147.40	-60.74
	419	-0.24	3.75	0.48	36.06	146.29	59.26
	420	-0.24	3.53	0.18	51.28	100.48	-62.46
587	416	9.72e-003	4.88	-0.16	3.72	201.54	-62.19
	415	9.72e-003	4.44	0.80	12.69	191.62	-61.17
	417	0.10	4.44	0.90	17.22	180.56	-62.82
	418	0.10	4.88	-6.09e-002	5.81	172.40	-63.85
588	414	2.98e-002	5.96	-0.10	6.36	232.64	-59.25
	413	2.98e-002	5.23	0.90	11.92	223.05	-59.37
	415	9.72e-003	5.23	0.83	15.14	215.31	-61.31
	416	9.72e-003	5.96	-0.17	1.42	207.96	-61.17
589	412	-0.39	7.11	-0.19	34.72	241.24	-59.51
	411	-0.39	6.07	0.77	20.93	256.33	-64.79
	413	2.98e-002	6.07	0.86	19.80	242.31	-60.62
	414	2.98e-002	7.11	-0.15	4.72	242.43	-57.22
590	410	0.12	7.86	0.39	7.86	301.72	-82.93
	409	0.12	6.99	1.11	11.92	283.24	-72.51
	411	-0.39	6.99	0.87	24.55	284.54	-64.86
	412	-0.39	7.86	0.15	30.64	248.44	-73.91
591	408	1.41e-002	9.82	-0.26	1.69	329.75	-83.50
	407	1.41e-002	7.90	1.17	-11.72	321.72	-79.76
	409	0.12	7.90	1.33	10.52	319.53	-76.00
	410	0.12	9.82	-0.10	1.98	305.91	-79.67
592	406	-0.34	11.52	-7.48e-002	-12.30	376.73	-86.17
	405	-0.34	9.00	1.35	-16.78	357.44	-81.12
	407	1.41e-002	9.00	1.15	-11.82	348.69	-81.32
	408	1.41e-002	11.52	-0.27	-3.54	332.68	-86.34
593	293	0.69	15.48	1.98	-46.77	532.47	-69.89
	305	0.69	8.98	0.37	-75.21	414.38	-47.52
	405	-0.34	8.98	0.41	-25.52	413.19	-71.28
	406	-0.34	15.48	2.01	-15.59	353.04	-97.36
594	390	-0.37	-0.47	-0.42	-11.99	-195.88	69.16
	404	-0.37	0.60	0.30	-47.42	-163.34	85.34
	366	0.16	0.60	0.66	-11.06	-174.62	85.50
	392	0.16	-0.47	0.14	17.79	-141.11	69.32
595	388	-6.22e-002	-0.42	-0.29	-8.85	-273.68	55.44

	403	-6.22e-002	1.40	0.29	2.79	-254.22	-46.53
	404	-0.37	1.40	-8.95e-002	-37.82	-216.95	60.95
	390	-0.37	-0.42	-0.49	-21.49	-236.98	75.06
596	386	9.85e-003	-0.59	-0.21	-14.26	-171.63	-44.53
	402	9.85e-003	1.40	6.04e-002	5.84	-165.18	-46.06
	403	-6.22e-002	1.40	0.11	-6.37	-230.87	-47.77
	388	-6.22e-002	-0.59	-0.19	11.58	-228.54	-45.93
597	384	0.15	1.20	-0.19	-28.75	-47.25	53.84
	401	0.15	1.27	0.14	-4.64	-53.70	59.48
	402	9.85e-003	1.27	6.66e-002	-8.00	-116.39	-48.30
	386	9.85e-003	1.20	-0.23	-4.60	-98.18	-44.98
598	382	-0.24	1.78	-0.68	-28.88	-47.28	69.41
	400	-0.24	1.23	0.28	-68.91	-66.79	85.44
	401	0.15	1.23	0.59	-18.15	-46.20	78.47
	384	0.15	1.78	-0.39	-27.77	-67.33	63.22
599	380	-7.71e-002	2.19	-0.53	-17.55	-85.55	51.19
	399	-7.71e-002	2.31	0.35	-3.13	-76.36	-40.46
	400	-0.24	2.31	0.12	-54.31	-46.78	53.05
	382	-0.24	2.19	-0.74	-39.85	-61.86	73.61
600	378	7.63e-003	2.83	-0.42	-17.16	-69.96	-40.18
	398	7.63e-003	2.56	7.53e-002	5.23	-77.38	-40.64
	399	-7.71e-002	2.56	0.13	-8.28	-63.05	-41.90
	380	-7.71e-002	2.83	-0.37	6.76	-59.08	-41.14
601	376	0.15	3.68	-0.39	-27.27	201.35	47.50
	397	0.15	2.68	0.15	-2.91	195.97	51.57
	398	7.63e-003	2.68	8.78e-002	-8.11	117.77	-42.18
	378	7.63e-003	3.68	-0.44	-5.54	134.44	-40.37
602	374	-0.39	4.42	-0.88	-21.69	230.99	67.17
	396	-0.39	2.88	0.32	-46.94	262.12	77.15
	397	0.15	2.88	0.59	-14.55	218.99	65.86
	376	0.15	4.42	-0.62	-22.72	269.27	56.69
603	372	3.23e-002	5.02	-0.88	-18.27	168.69	55.07
	395	3.23e-002	4.39	-0.17	-2.57	190.59	44.04
	396	-0.39	4.39	-6.25e-002	-34.17	208.47	56.20
	374	-0.39	5.02	-0.98	-31.43	198.47	70.62
604	370	1.08e-002	5.82	-0.77	-25.66	280.77	47.63
	394	1.08e-002	5.40	0.17	-1.62	290.48	50.39
	395	3.23e-002	5.40	0.12	-7.87	215.14	48.39
	372	3.23e-002	5.82	-0.82	-7.63	219.48	45.25
605	368	-9.45e-002	6.89	-0.88	-28.81	445.52	52.24
	393	-9.45e-002	6.18	0.10	-33.67	479.81	59.22
	394	1.08e-002	6.18	0.21	-9.76	333.35	56.21
	370	1.08e-002	6.89	-0.76	-20.41	362.69	48.78
606	298	-0.31	7.26	-0.52	-156.66	564.56	-101.26
	292	-0.31	8.40	-0.90	-66.69	868.04	-78.40
	393	-9.45e-002	8.40	-0.89	-34.58	420.23	78.29
	368	-9.45e-002	7.26	-0.50	-47.79	580.78	45.99
607	391	-0.10	-1.06	0.11	92.72	-46.34	99.28
	390	-0.10	-0.47	-0.28	-76.07	-169.44	106.15
	392	-0.15	-0.47	-0.27	31.14	-145.64	70.32
	363	-0.15	-1.06	0.14	19.84	-279.87	64.51
608	389	7.73e-002	-1.62	-0.34	13.21	-160.70	61.19
	388	7.73e-002	-0.42	-0.55	-24.55	-280.40	63.66
	390	-0.10	-0.42	-0.35	59.01	-258.77	104.89
	391	-0.10	-1.62	-0.15	-63.71	-442.27	101.72
609	387	6.90e-003	-0.81	-0.56	9.08	-111.59	-48.51
	386	6.90e-003	-0.59	-0.49	-8.50	-163.64	-45.30
	388	7.73e-002	-0.59	-0.42	6.17	-244.30	54.31
	389	7.73e-002	-0.81	-0.48	-28.32	-321.30	59.25
610	385	-0.14	1.46	-0.45	35.47	93.07	64.64

	384	-0.14	1.20	-0.42	-28.64	-41.74	61.16
	386	6.90e-003	1.20	-0.51	-7.98	-101.48	-47.02
	387	6.90e-003	1.46	-0.55	10.17	-151.36	-49.34
611	383	-6.27e-002	2.58	-0.29	75.40	232.48	106.37
	382	-6.27e-002	1.78	-0.61	-99.32	-54.04	111.22
	384	-0.14	1.78	-0.65	8.05	-66.72	72.05
	385	-0.14	2.58	-0.34	-19.10	-99.86	67.87
612	381	9.07e-002	1.99	-0.48	-10.67	-81.05	62.20
	380	9.07e-002	2.19	-0.84	-40.36	-91.48	62.33
	382	-6.27e-002	2.19	-0.67	48.13	-78.73	107.34
	383	-6.27e-002	1.99	-0.31	-90.87	-272.98	107.17
613	379	5.85e-003	2.94	-0.71	9.01	125.70	45.10
	378	5.85e-003	2.83	-0.77	-13.62	-74.22	-40.94
	380	9.07e-002	2.83	-0.68	-7.19	-67.86	51.36
	381	9.07e-002	2.94	-0.62	-46.48	-145.23	58.96
614	377	-0.14	4.81	-0.58	34.26	304.63	60.65
	376	-0.14	3.68	-0.68	-26.47	220.63	55.27
	378	5.85e-003	3.68	-0.79	-10.36	129.74	-42.46
	379	5.85e-003	4.81	-0.70	-12.19	-82.96	45.67
615	375	-0.11	5.95	-0.46	75.94	453.85	102.96
	374	-0.11	4.42	-0.90	-91.82	255.76	106.52
	376	-0.14	4.42	-0.92	12.22	269.35	66.62
	377	-0.14	5.95	-0.47	-19.64	133.38	63.54
616	373	-3.87e-002	5.31	-0.74	15.37	308.56	62.28
	372	-3.87e-002	5.02	-1.26	-44.34	164.71	65.32
	374	-0.11	5.02	-1.01	53.62	175.40	105.61
	375	-0.11	5.31	-0.49	-91.07	-74.45	102.05
617	371	-3.64e-002	6.09	-0.88	-27.64	364.21	46.67
	370	-3.64e-002	5.82	-1.21	-38.01	288.16	46.93
	372	-3.87e-002	5.82	-1.20	-11.99	201.90	57.37
	373	-3.87e-002	6.09	-0.87	-61.37	105.19	57.86
618	369	0.32	7.59	-0.92	-33.44	516.31	47.25
	368	0.32	6.89	-1.23	-83.46	449.40	54.07
	370	-3.64e-002	6.89	-1.20	-32.44	360.50	51.49
	371	-3.64e-002	7.59	-0.90	-53.28	300.82	45.29
619	289	0.11	8.70	-0.40	-31.30	680.61	-38.15
	298	0.11	7.26	-0.44	-117.26	546.33	-41.09
	368	0.32	7.26	-0.85	-33.76	554.01	45.66
	369	0.32	8.70	-0.84	-104.09	397.16	42.94
620	353	1.43	0.68	-0.36	39.06	75.46	-39.12
	297	1.43	8.62	-1.49	-44.46	-30.04	-47.88
	289	6.98e-002	8.62	-0.54	-30.50	153.07	-44.80
	355	6.98e-002	0.68	0.82	-50.10	62.90	-37.68
621	351	-0.20	0.69	-2.25	75.10	98.40	-41.82
	295	-0.20	9.65	-1.09	65.23	-21.29	-53.29
	297	1.43	9.65	-1.38	77.70	203.72	-52.61
	353	1.43	0.69	-2.54	-24.69	104.99	-40.74
622	281	-0.95	-0.30	-3.06	35.22	-62.86	-43.90
	201	-0.95	10.68	-1.43	65.66	-81.12	-37.60
	295	-0.20	10.68	-1.02	138.34	155.73	-37.05
	351	-0.20	-0.30	-2.65	49.00	128.96	-47.57
623	354	-0.59	-7.79	-4.80	-7.26	82.11	-41.29
	353	-0.59	0.68	-0.62	27.26	82.95	-43.16
	355	0.27	0.68	2.26	-30.13	53.72	-42.04
	288	0.27	-7.79	-1.98	39.72	47.01	-40.02
624	352	-0.17	-14.12	0.76	-2.85	116.65	-39.31
	351	-0.17	0.69	-1.57	34.07	108.86	-45.48
	353	-0.59	0.69	-2.91	22.50	93.10	-45.11
	354	-0.59	-14.12	-0.60	8.56	94.62	-39.52
625	200	-0.23	-18.30	-0.50	9.36	61.53	-45.44

	281	-0.23	-0.30	-3.27	36.76	-60.14	-44.17
	351	-0.17	-0.30	-1.97	41.71	120.50	-45.19
	352	-0.17	-18.30	0.81	2.68	103.67	-46.09
626	347	0.55	2.81	-0.98	-26.88	35.47	-98.16
	350	0.55	10.85	-4.68	-7.66	24.30	-99.23
	283	-0.13	10.85	-1.92	-38.26	28.54	-102.42
	348	-0.13	2.81	1.84	-30.22	15.03	-101.91
627	346	8.49e-002	3.01	-1.86	-23.99	28.93	-86.77
	349	8.49e-002	17.64	0.76	-4.07	-16.36	-83.31
	350	0.55	17.64	-0.58	-7.27	28.89	-94.61
	347	0.55	3.01	-3.19	-21.27	22.30	-97.84
628	271	0.19	3.61	-3.27	-41.21	30.21	-77.99
	195	0.19	22.11	-0.42	-16.73	-16.62	-71.64
	349	8.49e-002	22.11	0.76	4.02	14.45	-81.15
	346	8.49e-002	3.61	-2.10	-33.61	-21.98	-88.11
629	345	-1.46	-5.37	-1.73	64.30	135.57	-74.24
	347	-1.46	2.81	-0.76	-42.71	48.82	-85.43
	348	-2.26e-002	2.81	-0.37	35.93	-7.42	-91.16
	282	-2.26e-002	-5.37	-0.88	-58.08	-79.36	-79.92
630	344	0.10	-6.02	-1.21	52.69	165.71	-83.53
	346	0.10	3.01	-2.58	-74.37	45.74	-80.61
	347	-1.46	3.01	-2.94	35.69	11.55	-82.08
	345	-1.46	-6.02	-1.57	-53.48	-110.59	-84.93
631	194	1.01	-7.36	-1.26	-53.77	123.85	-67.57
	271	1.01	3.61	-2.97	-41.47	47.20	-71.03
	346	0.10	3.61	-2.82	-25.54	-34.76	-80.48
	344	0.10	-7.36	-1.10	-87.57	-103.02	-76.99
632	342	4.19e-002	-6.13	-1.51	39.71	-424.16	-88.91
	345	4.19e-002	-5.37	-1.05	-39.13	-572.73	-90.21
	282	3.09e-002	-5.37	-0.88	72.08	-228.34	-53.25
	343	3.09e-002	-6.13	-1.35	-74.89	-431.85	-52.38
633	341	1.92e-002	-6.67	-1.60	31.58	-545.26	-126.00
	344	1.92e-002	-6.02	-1.24	-39.41	-614.28	-116.06
	345	4.19e-002	-6.02	-1.15	35.11	-360.51	-92.60
	342	4.19e-002	-6.67	-1.51	37.90	-463.20	-102.43
634	264	2.20e-002	-7.55	-1.55	-49.35	-700.35	-106.01
	194	2.20e-002	-7.36	-1.21	-76.13	-723.31	-89.25
	344	1.92e-002	-7.36	-1.27	-47.00	-583.32	-104.32
	341	1.92e-002	-7.55	-1.61	31.12	-589.91	-121.27
635	340	0.11	-6.49	-0.76	35.92	-465.16	-118.15
	342	0.11	-6.13	-1.22	32.61	-427.46	-107.48
	343	5.23e-002	-6.13	-1.25	37.58	-453.10	-90.76
	290	5.23e-002	-6.49	-0.79	38.75	-439.91	-101.26
636	339	3.30e-002	-7.09	-0.74	35.77	-545.60	-130.94
	341	3.30e-002	-6.67	-1.23	31.11	-537.48	-131.71
	342	0.11	-6.67	-1.23	35.81	-482.60	-124.79
	340	0.11	-7.09	-0.73	36.00	-484.57	-124.02
637	202	-0.12	-7.82	-0.67	31.82	-678.74	-112.64
	264	-0.12	-7.55	-1.21	37.97	-689.22	-106.15
	341	3.30e-002	-7.55	-1.25	33.05	-588.70	-123.11
	339	3.30e-002	-7.82	-0.71	36.76	-581.16	-129.62
638	337	9.34e-002	-6.82	-0.46	45.82	-480.48	-122.69
	340	9.34e-002	-6.49	-0.57	38.21	-473.24	-114.94
	290	7.17e-002	-6.49	-0.59	47.74	-441.30	-106.51
	338	7.17e-002	-6.82	-0.48	47.26	-447.45	-114.20
639	336	4.86e-002	-7.43	-0.43	40.66	-545.21	-127.30
	339	4.86e-002	-7.09	-0.53	39.27	-544.66	-129.93
	340	9.34e-002	-7.09	-0.54	36.35	-488.96	-125.11
	337	9.34e-002	-7.43	-0.45	44.40	-496.15	-122.48
640	257	-0.20	-8.12	-0.38	46.95	-655.63	-109.07

	202	-0.20	-7.82	-0.46	33.44	-670.11	-108.08
	339	4.86e-002	-7.82	-0.50	35.67	-577.30	-123.22
	336	4.86e-002	-8.12	-0.42	48.99	-573.90	-124.16
641	334	7.01e-002	-7.14	0.23	54.26	-483.81	-125.53
	337	7.01e-002	-6.82	-0.25	48.77	-481.39	-122.52
	338	7.62e-002	-6.82	-0.26	54.72	-449.52	-120.87
	335	7.62e-002	-7.14	0.22	54.25	-449.39	-123.87
642	333	5.53e-002	-7.76	0.25	50.58	-541.31	-122.59
	336	5.53e-002	-7.43	-0.23	52.88	-543.30	-125.73
	337	7.01e-002	-7.43	-0.24	46.15	-498.42	-126.85
	334	7.01e-002	-7.76	0.24	53.60	-498.50	-123.69
643	253	-0.22	-8.44	0.27	64.66	-632.43	-101.08
	257	-0.22	-8.12	-0.21	49.59	-647.13	-103.06
	336	5.53e-002	-8.12	-0.21	48.54	-569.73	-119.44
	333	5.53e-002	-8.44	0.26	62.06	-564.93	-117.36
644	332	5.71e-002	-7.44	0.54	56.83	-482.15	-123.80
	334	5.71e-002	-7.14	0.45	56.28	-482.49	-125.23
	335	6.89e-002	-7.14	0.44	56.56	-449.81	-127.21
	291	6.89e-002	-7.44	0.53	53.72	-446.57	-125.76
645	331	5.56e-002	-8.08	0.56	56.91	-533.51	-115.82
	333	5.56e-002	-7.76	0.48	65.07	-537.81	-120.66
	334	5.71e-002	-7.76	0.46	54.18	-498.90	-126.28
	332	5.71e-002	-8.08	0.54	58.18	-493.94	-121.40
646	203	-0.21	-8.80	0.51	76.40	-608.42	-91.18
	253	-0.21	-8.44	0.45	64.24	-624.25	-94.25
	333	5.56e-002	-8.44	0.48	60.65	-559.69	-112.97
	331	5.56e-002	-8.80	0.55	70.54	-552.91	-109.75
647	329	4.02e-002	-7.71	1.31	57.58	-460.26	-116.30
	332	4.02e-002	-7.44	0.74	54.50	-479.10	-120.02
	291	4.63e-002	-7.44	0.74	56.95	-447.15	-123.98
	330	4.63e-002	-7.71	1.31	45.78	-459.88	-120.24
648	328	4.31e-002	-8.37	1.33	60.70	-509.29	-107.31
	331	4.31e-002	-8.08	0.77	68.10	-529.06	-112.05
	332	4.02e-002	-8.08	0.74	60.74	-493.90	-118.95
	329	4.02e-002	-8.37	1.30	55.83	-503.37	-114.17
649	246	-0.12	-9.14	1.24	85.80	-588.37	-82.19
	203	-0.12	-8.80	0.69	74.33	-601.08	-85.97
	331	4.31e-002	-8.80	0.75	69.57	-547.40	-102.98
	328	4.31e-002	-9.14	1.31	75.28	-541.23	-99.02
650	327	2.71e-002	-7.98	1.07	-35.07	-582.95	-123.19
	329	2.71e-002	-7.71	1.63	78.25	-467.41	-131.45
	330	3.80e-002	-7.71	1.61	28.99	-449.65	-136.34
	287	3.80e-002	-7.98	1.05	64.28	-328.02	-128.06
651	326	-5.94e-002	-8.65	1.08	39.25	-617.32	-108.66
	328	-5.94e-002	-8.37	1.62	108.24	-513.11	-118.14
	329	2.71e-002	-8.37	1.62	38.95	-493.78	-130.80
	327	2.71e-002	-8.65	1.08	79.38	-372.02	-121.23
652	199	3.48e-002	-9.49	1.08	72.79	-645.49	-88.71
	246	3.48e-002	-9.14	1.54	84.97	-590.94	-86.62
	328	-5.94e-002	-9.14	1.60	65.74	-526.47	-105.06
	326	-5.94e-002	-9.49	1.15	99.56	-451.85	-107.18
653	323	3.25e-002	8.50	2.28	21.07	-10.94	-104.08
	327	3.25e-002	-7.98	1.32	51.46	85.31	-106.77
	287	3.31e-002	-7.98	1.30	36.32	-107.74	-114.25
	325	3.31e-002	8.50	2.25	33.64	-11.17	-111.58
654	321	2.91e-002	9.24	2.29	22.39	10.06	-94.97
	326	2.91e-002	-8.65	1.30	72.06	94.24	-97.30
	327	3.25e-002	-8.65	1.31	47.55	-108.47	-105.23
	323	3.25e-002	9.24	2.31	43.22	11.68	-102.88
655	239	2.41e-002	10.10	2.28	30.10	15.95	-69.34

	199	2.41e-002	-9.49	1.27	101.27	85.34	-75.66
	326	2.91e-002	-9.49	1.31	55.84	-102.06	-94.87
	321	2.91e-002	10.10	2.32	57.87	10.97	-88.09
656	324	9.60e-003	24.88	6.89e-002	5.24	20.64	-85.84
	323	9.60e-003	8.50	1.86	19.72	-14.76	-89.28
	325	-7.10e-002	8.50	1.83	16.25	14.21	-95.38
	286	-7.10e-002	24.88	4.59e-002	3.34	-17.94	-91.91
657	322	6.30e-002	27.09	2.37e-002	3.48	28.60	-73.61
	321	6.30e-002	9.24	1.87	31.31	-12.52	-77.69
	323	9.60e-003	9.24	1.89	21.75	17.23	-88.27
	324	9.60e-003	27.09	4.56e-002	5.53	21.33	-84.06
658	198	-3.58e-002	29.69	-3.03e-002	9.64	31.32	-61.37
	239	-3.58e-002	10.10	1.92	25.40	12.60	-60.96
	321	6.30e-002	10.10	1.89	31.93	22.23	-71.34
	322	6.30e-002	29.69	-6.21e-002	4.06	24.95	-71.75
659	317	-2.00e-002	-7.19	1.76	15.24	45.84	-101.05
	320	-2.00e-002	-23.29	2.17e-002	-4.35	42.42	-87.31
	285	-0.12	-23.29	1.56e-002	3.37	45.49	-87.19
	318	-0.12	-7.19	1.75	19.84	-49.46	-101.05
660	316	3.94e-002	-7.64	1.85	-27.20	95.17	-77.38
	319	3.94e-002	-25.50	3.86e-002	-6.53	67.85	-68.28
	320	-2.00e-002	-25.50	-1.64e-002	-8.55	54.54	-85.72
	317	-2.00e-002	-7.64	1.81	13.67	58.75	-95.25
661	229	8.51e-002	-8.29	1.85	-14.95	57.91	-51.72
	197	8.51e-002	-28.23	1.09e-002	-6.03	55.27	-53.44
	319	3.94e-002	-28.23	2.84e-002	-7.92	67.73	-65.67
	316	3.94e-002	-8.29	1.87	-27.12	80.29	-62.37
662	307	-0.11	8.85	0.76	51.91	-50.97	-101.98
	317	-0.11	-7.19	1.97	18.45	50.06	-113.35
	318	-8.52e-002	-7.19	1.91	16.30	-52.27	-112.54
	284	-8.52e-002	8.85	0.70	35.79	57.52	-101.22
663	306	-9.49e-002	10.75	0.93	56.10	57.92	-97.72
	316	-9.49e-002	-7.64	2.12	20.56	103.53	-91.57
	317	-0.11	-7.64	2.02	-25.05	69.01	-103.94
	307	-0.11	10.75	0.83	71.94	146.84	-110.41
664	196	0.12	11.88	1.29	-70.05	-49.28	-81.70
	229	0.12	-8.29	2.31	-23.53	55.97	-55.71
	316	-9.49e-002	-8.29	2.13	-44.39	103.86	-73.83
	306	-9.49e-002	11.88	1.12	53.84	164.94	-104.60
665	314	0.26	1.06	1.05	-158.75	402.05	-109.81
	304	0.26	7.19	1.91	-118.79	373.84	-90.32
	293	-0.86	7.57	3.50	-152.23	315.54	-63.14
	315	-0.86	1.06	2.66	-85.17	142.92	-55.73
666	313	0.48	2.72	0.48	-128.76	433.15	-142.03
	302	0.48	5.86	0.17	-163.37	477.96	-135.67
	304	0.26	5.86	0.68	-129.87	421.32	-101.43
	314	0.26	2.72	1.03	-146.20	406.97	-107.21
667	312	-3.25	1.00	-1.01	-90.31	225.49	-300.10
	205	-3.25	6.75	-3.16	-193.66	514.56	-302.52
	302	0.48	6.75	-1.84	-134.19	424.61	-146.49
	313	0.48	1.00	0.38	-145.92	530.52	-143.96
668	310	1.31	0.76	0.45	-155.31	408.38	-165.19
	314	1.31	1.06	0.94	-167.33	380.30	-89.82
	315	-3.91	1.06	0.37	-74.91	132.93	-108.83
	311	-3.91	0.76	-0.24	-97.71	132.01	-183.93
669	309	1.90	2.19	0.40	-163.54	424.21	-122.28
	313	1.90	2.72	0.79	-182.76	424.23	-121.41
	314	1.31	2.72	0.93	-167.69	403.01	-120.04
	310	1.31	2.19	0.53	-178.04	400.23	-120.86
670	308	-4.49	1.01	-6.56e-002	-69.46	192.22	-109.55

	312	-4.49	1.00	0.36	-89.15	186.80	-150.35
	313	1.90	1.00	0.69	-141.17	522.02	-144.73
	309	1.90	1.01	0.37	-130.67	510.54	-103.89
671	300	0.53	4.69	-1.36	-118.37	356.82	-145.24
	310	0.53	0.76	-0.51	-164.56	446.28	-143.71
	311	-2.92	0.76	-1.10	-116.71	158.77	-307.14
	292	-2.92	4.82	-1.75	-219.96	461.16	-291.33
672	299	0.50	4.86	0.44	-134.92	458.02	-100.66
	309	0.50	2.19	0.39	-112.61	430.91	-102.14
	310	0.53	2.19	-0.42	-126.03	404.79	-134.64
	300	0.53	4.86	-0.31	-130.83	431.79	-133.26
673	204	-1.76	6.79	3.55	-88.18	461.63	85.46
	308	-1.76	1.01	1.66	-66.52	233.09	-56.47
	309	0.50	1.01	0.36	-122.54	514.84	-105.57
	299	0.50	6.79	2.23	-83.04	448.42	-73.36
674	303	-0.46	9.16	0.30	-28.55	429.61	-76.44
	307	-0.46	8.85	0.53	66.90	463.32	-94.06
	284	0.35	8.85	0.28	33.72	394.39	-80.50
	305	0.35	9.16	0.43	-36.01	406.36	-64.21
675	301	-0.66	8.86	0.57	-35.46	510.33	-117.73
	306	-0.66	10.75	0.41	77.79	554.52	-114.74
	307	-0.46	10.75	0.49	66.23	453.82	-96.60
	303	-0.46	8.86	0.64	-28.01	468.65	-99.70
676	222	0.13	10.66	2.04	-82.22	601.34	-152.36
	196	0.13	11.88	1.18	-45.56	630.51	-127.23
	306	-0.66	11.88	0.54	36.66	464.89	-116.05
	301	-0.66	10.66	1.38	-38.97	481.06	-141.04
677	304 -7.85e-002		7.16	1.77	-91.81	390.38	-86.87
	303 -7.85e-002		9.16	0.22	-35.19	404.41	-78.78
	305	0.69	9.16	0.15	-29.28	399.74	-53.04
	293	0.69	7.15	1.76	-104.07	346.24	-56.20
678	302	0.41	5.86	-0.11	-75.56	493.40	-121.65
	301	0.41	8.86	0.22	-66.49	495.34	-116.03
	303 -7.85e-002		8.86	0.70	-41.65	460.49	-95.71
	304 -7.85e-002		5.86	0.54	-86.07	429.00	-100.90
679	205	0.74	6.75	-1.93	-138.78	570.79	-196.88
	222	0.74	10.66	9.98e-001	-71.18	591.46	-188.67
	301	0.41	10.66	0.97	-52.57	466.55	-139.01
	302	0.41	6.75	-1.97	-125.20	433.94	-147.01
680	296	-0.10	7.55	-0.75	-47.35	390.79	-115.28
	300	-0.10	4.73	-1.51	-86.20	386.76	-159.16
	292	-0.31	4.66	-1.20	-156.95	500.34	-149.84
	298	-0.31	7.55	-0.43	-66.47	484.67	-120.78
681	294	0.50	7.77	-0.48	-60.52	500.11	-96.27
	299	0.50	4.86	0.25	-58.29	473.47	-97.82
	300	-0.10	4.86	-0.48	-78.59	438.22	-125.80
	296	-0.10	7.77	-1.16	-44.23	453.05	-124.31
682	212	1.38	10.10	-1.13	52.29	625.32	76.79
	204	1.38	6.79	2.09	-61.21	521.23	66.16
	299	0.50	6.79	2.04	-81.10	470.98	-69.45
	294	0.50	10.10	-1.19	-45.15	485.91	-58.36
683	297	-0.30	8.62	-0.88	42.04	559.11	-71.08
	296	-0.30	7.55	-0.80	-50.28	403.51	-104.91
	298	0.11	7.55	-0.39	-40.47	458.14	-62.12
	289	0.11	8.62	-0.43	-97.25	235.24	-38.93
684	295	-0.55	9.65	-0.84	74.18	613.58	-70.07
	294	-0.55	7.77	-1.10	62.92	528.54	-93.50
	296	-0.30	7.77	-1.20	-44.16	438.11	-97.39
	297	-0.30	9.65	-0.94	40.66	358.99	-74.05
685	201	0.34	10.68	-1.36	87.17	694.67	42.37

	212	0.34	10.10	-2.26	45.17	658.44	-42.03
	294	-0.55	10.10	-1.82	-38.59	512.12	-51.15
	295	-0.55	10.68	-0.92	104.79	542.62	-51.43
687	279	0.10	-0.63	-1.21	86.85	-121.91	44.97
	211	0.10	11.33	-1.09	-63.57	-241.42	55.31
	201	-0.95	11.33	-1.39	93.43	97.61	-37.98
	281	-0.95	-0.63	-1.49	-16.30	-90.32	-39.20
688	277	1.18	-1.10	-1.21	75.70	-96.89	49.73
	209	1.18	12.18	-1.02	-61.14	-197.44	54.06
	211	0.10	12.18	-1.14	47.34	71.25	51.00
	279	0.10	-1.10	-1.32	32.98	-99.79	46.80
689	275	-2.94	-1.39	-3.13	104.10	30.60	45.07
	207	-2.94	15.31	-2.23	103.53	-63.64	27.82
	209	1.18	15.31	-1.37	96.04	101.72	39.00
	277	1.18	-1.39	-2.27	31.37	23.63	61.09
690	183	-1.44	1.63	3.81	69.31	70.07	14.25
	176	-1.44	16.83	1.11	191.21	86.77	13.36
	207	-2.94	16.83	-1.93	178.13	45.62	34.07
	275	-2.94	1.63	0.87	80.99	55.30	32.41
691	280	-0.59	-26.01	-1.34	33.76	-82.52	42.56
	279	-0.59	-0.63	0.56	37.76	-102.11	-32.00
	281	-0.23	-0.63	-1.70	47.53	-86.48	-39.51
	200	-0.23	-26.01	-3.46	5.19	71.76	-47.08
692	278	-0.33	-20.17	-3.17	15.39	-61.62	38.08
	277	-0.33	-1.10	-1.53	35.21	-81.19	45.42
	279	-0.59	-1.10	-0.53	32.88	-102.87	34.16
	280	-0.59	-20.17	-1.35	36.35	-91.66	27.77
693	276	1.34	-27.25	-0.14	22.62	37.43	60.56
	275	1.34	-1.39	-2.57	49.75	32.90	52.36
	277	-0.33	-1.39	-2.60	44.66	27.65	45.31
	278	-0.33	-27.25	-0.18	7.19	31.37	53.37
694	175	-5.31	-38.05	-6.91	68.67	-181.53	36.58
	183	-5.31	1.63	2.40	129.91	-72.89	-20.25
	275	1.34	1.63	1.37	72.65	53.44	33.30
	276	1.34	-38.05	-7.96	17.09	59.60	77.67
695	270	0.73	4.12	0.62	-60.60	-21.27	-58.04
	274	0.73	29.78	-1.37	-30.98	-16.36	-59.37
	195	0.19	29.78	-3.45	-8.04	-19.65	-67.04
	271	0.19	4.12	-1.60	-61.09	17.44	-66.65
696	269	0.40	4.80	-1.54	-83.68	15.02	-36.20
	273	0.40	23.65	-3.05	-15.59	-40.42	-26.98
	274	0.73	23.65	-1.25	-40.82	-9.78	-51.88
	270	0.73	4.80	-0.52	-53.32	-12.25	-61.00
697	268	-1.36	5.41	-2.87	-111.37	-45.31	53.53
	272	-1.36	30.65	-0.20	-32.64	-87.75	65.77
	273	0.40	30.65	7.35e-002	-19.06	-51.54	34.29
	269	0.40	5.41	-2.72	-91.98	-20.37	-30.68
698	181	5.87	2.26	2.31	-161.10	-58.61	30.10
	170	5.87	42.98	-7.87	-115.33	99.60	74.42
	272	-1.36	42.98	-8.86	-25.24	-116.07	95.83
	268	-1.36	2.26	1.34	-141.91	-58.16	49.48
699	267	4.30e-002	-8.28	-1.16	-53.49	177.35	-50.19
	270	4.30e-002	4.12	-1.23	-111.67	-12.12	-41.49
	271	1.01	4.12	-1.32	39.58	13.03	-55.94
	194	1.01	-8.28	-1.26	-148.62	-148.48	-66.38
700	266	-1.11	-8.57	-1.20	-65.38	166.01	-31.92
	269	-1.11	4.80	-1.37	-125.67	41.61	-33.15
	270	4.30e-002	4.80	-1.43	-68.22	-9.78	-46.19
	267	4.30e-002	-8.57	-1.26	-121.21	-108.11	-44.90
701	265	3.37	-10.86	-2.45	-214.08	86.19	27.15

	268	3.37	5.41	-3.42	-177.52	-29.63	42.20
	269	-1.11	5.41	-2.54	-77.72	-24.94	33.16
	266	-1.11	-10.86	-1.56	-197.63	-117.43	-34.21
702	169	1.79	-12.98	1.23	-312.67	-128.91	32.82
	181	1.79	2.26	4.05	-130.53	-69.29	33.26
	268	3.37	2.26	0.86	-150.33	-64.37	47.65
	265	3.37	-12.98	-2.08	-290.11	-24.72	46.91
703	263	-0.11	-8.30	-1.38	32.35	-744.95	-49.20
	267	-0.11	-8.28	-0.99	-113.17	-906.74	-53.63
	194	2.20e-002	-8.28	-1.10	-70.54	-656.89	-88.83
	264	2.20e-002	-8.30	-1.49	-64.82	-738.04	-84.01
704	262	-0.24	-9.03	-1.24	-77.54	-793.60	-75.65
	266	-0.24	-8.57	-1.10	-116.63	-872.72	-61.44
	267	-0.11	-8.57	-1.07	-66.46	-628.79	-45.43
	263	-0.11	-9.03	-1.22	-81.88	-734.50	-58.24
705	261	-0.34	-9.90	-0.56	-61.51	-1028.05	-47.04
	265	-0.34	-10.86	-0.66	-241.07	-1210.83	-28.81
	266	-0.24	-10.86	-1.02	-114.04	-716.16	-55.29
	262	-0.24	-9.90	-0.90	-103.63	-854.21	-78.76
706	193	-0.31	-10.09	1.03	58.63	-987.64	136.08
	169	-0.31	-12.98	0.96	-308.47	-1217.03	127.18
	265	-0.34	-12.98	-0.24	-233.94	-1008.11	31.01
	261	-0.34	-10.09	-0.31	-75.67	-1095.34	37.61
707	260	-0.18	-8.46	-0.62	32.50	-735.40	-88.41
	263	-0.18	-8.30	-1.14	-52.09	-732.82	-80.89
	264	-0.12	-8.30	-1.16	32.55	-720.87	-91.63
	202	-0.12	-8.46	-0.64	33.13	-695.01	-99.24
708	259	-0.41	-8.94	-0.35	33.09	-808.64	-90.76
	262	-0.41	-9.03	-0.78	-48.93	-783.90	-89.36
	263	-0.18	-9.03	-0.97	-52.70	-750.69	-82.31
	260	-0.18	-8.94	-0.52	31.49	-736.82	-83.70
709	258	-0.81	-9.26	-0.20	47.20	-926.70	-35.81
	261	-0.81	-9.90	-0.29	40.09	-973.15	-57.05
	262	-0.41	-9.90	-0.46	-66.83	-871.92	-96.86
	259	-0.41	-9.26	-0.26	43.45	-862.83	-73.84
710	177	-0.74	-9.21	0.30	93.52	-885.17	111.89
	193	-0.74	-10.09	0.47	-43.77	-929.59	109.28
	261	-0.81	-10.09	0.38	-44.49	-1056.61	23.49
	258	-0.81	-9.21	-0.22	87.83	-970.28	25.29
711	256	-0.33	-8.66	-0.33	53.92	-713.46	-84.57
	260	-0.33	-8.46	-0.41	34.78	-727.48	-89.39
	202	-0.20	-8.46	-0.43	37.40	-688.79	-100.47
	257	-0.20	-8.66	-0.35	43.60	-676.64	-95.57
712	255	-0.69	-8.99	-0.21	68.09	-788.62	-62.83
	259	-0.69	-8.94	-0.23	48.50	-800.44	-75.69
	260	-0.33	-8.94	-0.32	33.77	-738.08	-88.45
	256	-0.33	-8.99	-0.30	57.90	-730.58	-75.38
713	254	-1.07	-9.15	-0.18	105.46	-855.13	-23.51
	258	-1.07	-9.26	-0.18	90.56	-899.29	-28.55
	259	-0.69	-9.26	-0.18	44.01	-852.71	-67.35
	255	-0.69	-9.15	-0.19	89.88	-830.51	-43.99
714	190	-1.01	-9.08	-0.20	133.93	-809.35	98.27
	177	-1.01	-9.21	-0.21	70.54	-855.90	100.27
	258	-1.07	-9.21	-0.20	85.90	-929.36	38.69
	254	-1.07	-9.08	-0.20	124.31	-876.40	37.35
715	252	-0.40	-8.97	0.25	71.88	-686.97	-73.02
	256	-0.40	-8.66	-0.19	65.40	-705.68	-82.31
	257	-0.22	-8.66	-0.19	60.61	-670.41	-97.17
	253	-0.22	-8.97	0.25	61.65	-653.67	-87.60
716	251	-0.73	-9.29	0.22	95.27	-753.29	-39.41

	255	-0.73	-8.99	-0.17	89.17	-776.46	-52.30
	256	-0.40	-8.99	-0.17	60.44	-724.32	-77.12
	252	-0.40	-9.29	0.22	83.76	-707.35	-62.08
717	250	-1.05	-9.48	0.18	128.25	-804.56	40.06
	254	-1.05	-9.15	-0.18	122.05	-836.90	-25.75
	255	-0.73	-9.15	0.17	91.45	-813.87	-38.02
	251	-0.73	-9.48	0.18	108.98	-785.68	-28.29
718	189	-1.03	-9.43	-0.21	144.17	-771.67	82.60
	190	-1.03	-9.08	-0.18	112.33	-790.74	83.78
	254	-1.05	-9.08	-0.18	128.45	-851.75	51.26
	250	-1.05	-9.43	-0.20	132.62	-817.85	50.48
719	249	-0.34	-9.38	0.46	79.89	-655.14	-61.65
	252	-0.34	-8.97	0.41	86.64	-679.49	-70.21
	253	-0.21	-8.97	0.43	78.17	-645.79	-87.88
	203	-0.21	-9.38	0.48	72.12	-626.68	-78.73
720	248	-0.64	-9.81	0.30	98.91	-713.35	-31.06
	251	-0.64	-9.29	0.29	104.17	-740.80	-34.74
	252	-0.34	-9.29	0.37	78.14	-695.80	-61.40
	249	-0.34	-9.81	0.39	93.86	-672.31	-51.64
721	247	-0.97	-10.16	0.18	124.84	-768.10	56.23
	250	-0.97	-9.48	0.19	126.11	-792.02	42.78
	251	-0.64	-9.48	0.23	109.08	-769.47	-27.88
	248	-0.64	-10.16	0.21	105.17	-739.03	-32.66
722	178	-1.03	-10.24	-0.28	133.28	-763.43	73.13
	189	-1.03	-9.43	-0.26	123.15	-765.85	73.14
	250	-0.97	-9.43	0.22	139.56	-804.66	61.10
	247	-0.97	-10.24	0.22	118.85	-786.25	61.32
723	245	-0.22	-9.81	1.14	81.25	-608.28	-58.05
	249	-0.22	-9.38	0.62	94.49	-649.30	-58.85
	203	-0.12	-9.38	0.66	90.54	-616.54	-77.91
	246	-0.12	-9.81	1.17	82.24	-612.98	-76.85
724	244	-0.37	-10.37	0.89	92.26	-669.63	-32.94
	248	-0.37	-9.81	0.42	99.67	-701.62	-31.35
	249	-0.22	-9.81	0.54	86.68	-659.08	-49.41
	245	-0.22	-10.37	1.01	91.75	-643.54	-46.98
725	243	-0.64	-11.13	0.38	104.76	-746.94	63.74
	247	-0.64	-10.16	0.19	109.94	-761.64	57.96
	248	-0.37	-10.16	0.32	105.59	-721.86	-35.45
	244	-0.37	-11.13	0.60	93.91	-692.06	-40.25
726	188	-0.77	-11.57	0.43	96.43	-766.70	62.25
	178	-0.77	-10.24	-0.34	102.03	-767.12	67.06
	247	-0.64	-10.24	0.22	128.55	-779.96	68.25
	243	-0.64	-11.57	0.31	86.92	-780.13	63.69
727	242	-0.16	-10.18	0.91	93.83	-711.80	-55.48
	245	-0.16	-9.81	1.47	120.69	-598.50	-73.53
	246	3.48e-002	-9.81	1.47	67.03	-606.13	-90.73
	199	3.48e-002	-10.18	0.90	106.21	-454.65	-71.02
728	241	-0.22	-10.87	0.82	84.12	-720.91	-38.53
	244	-0.22	-10.37	1.16	118.97	-666.31	-35.65
	245	-0.16	-10.37	1.34	81.30	-623.80	-53.71
	242	-0.16	-10.87	9.97e-001	128.97	-528.65	-57.43
729	240	-0.35	-11.89	0.64	69.18	-747.99	54.44
	243	-0.35	-11.13	0.70	83.55	-744.95	67.16
	244	-0.22	-11.13	0.86	82.08	-666.47	-35.23
	241	-0.22	-11.89	0.81	110.23	-598.77	-37.12
730	174	-0.39	-13.87	0.31	-57.70	-745.59	-39.22
	188	-0.39	-11.57	0.54	48.28	-776.47	55.84
	243	-0.35	-11.57	0.37	110.25	-780.88	67.64
	240	-0.35	-13.87	0.45	-47.84	-826.23	50.73
731	237	3.13e-002	10.84	2.16	46.43	19.09	-60.38

	242	3.13e-002	-10.18	1.15	89.39	74.63	-54.88
	199	2.41e-002	-10.18	1.16	101.30	-88.46	-64.73
	239	2.41e-002	10.84	2.17	41.57	15.23	-70.60
732	235	2.78e-002	11.35	2.14	-27.77	12.81	-50.52
	241	2.78e-002	-10.87	1.14	94.69	83.65	-41.41
	242	3.13e-002	-10.87	1.16	78.45	-82.85	-48.96
	237	3.13e-002	11.35	2.15	63.15	25.66	-60.16
733	233	-0.11	12.15	1.94	-24.37	-19.67	-48.99
	240	-0.11	-11.89	0.87	55.37	57.41	-38.69
	241	2.78e-002	-11.89	1.06	80.15	-76.22	-37.15
	235	2.78e-002	12.15	2.13	36.26	21.24	-54.19
734	187	2.88	12.19	2.24	-34.67	-54.70	-39.43
	174	2.88	-13.87	0.53	-59.18	-56.73	-38.03
	240	-0.11	-13.87	0.54	-47.53	-62.62	-35.53
	233	-0.11	12.19	2.26	-26.79	-24.78	-49.45
735	238	0.15	32.02	6.18e-002	-2.47	37.28	-55.54
	237	0.15	10.84	1.69	33.57	23.45	-55.80
	239	-3.58e-002	10.84	1.82	33.45	30.94	-58.39
	198	-3.58e-002	32.02	0.19	1.68	35.64	-58.04
736	236	-4.00e-002	33.69	7.99e-002	6.19	27.52	-51.94
	235	-4.00e-002	11.35	1.90	24.54	13.98	-50.03
	237	0.15	11.35	1.69	29.91	29.58	-52.93
	238	0.15	33.69	-0.13	-4.53	35.67	-55.00
737	234	0.33	35.71	-0.29	5.33	-12.50	-52.47
	233	0.33	12.15	1.35	21.33	-14.92	-50.49
	235	-4.00e-002	12.15	1.89	24.00	17.92	-50.07
	236	-4.00e-002	35.71	0.27	-2.87	21.66	-52.01
738	173	2.22e-002	38.07	0.72	-16.61	-47.56	-49.88
	187	2.22e-002	12.19	3.18	-14.77	-44.96	-44.18
	233	0.33	12.19	1.67	-20.31	-27.23	-49.00
	234	0.33	38.07	-0.81	3.73	-20.07	-54.55
739	228	0.13	-8.93	1.75	-19.28	-72.75	-51.08
	232	0.13	-30.44	-5.00e-002	2.36	-74.52	-52.27
	197	8.51e-002	-30.44	3.03e-002	4.46	-62.83	-51.51
	229	8.51e-002	-8.93	1.81	-24.69	-66.92	-50.40
740	227	4.97e-002	-9.45	1.92	-20.62	-65.32	-51.98
	231	4.97e-002	-32.29	0.17	2.19	-73.42	-53.20
	232	0.13	-32.29	-1.83e-002	3.30	-77.02	-52.94
	228	0.13	-9.45	1.74	-19.15	-82.78	-51.71
741	226	-4.65e-002	-10.30	1.41	-21.35	-34.94	-49.19
	230	-4.65e-002	-34.34	-0.41	-5.10	-48.47	-52.33
	231	4.97e-002	-34.34	0.14	3.01	-62.88	-53.97
	227	4.97e-002	-10.30	1.95	-17.93	-58.72	-51.42
742	186	-1.96e-002	-10.44	3.21	17.03	-67.94	-43.92
	172	-1.96e-002	-36.72	0.86	18.83	-69.34	-54.65
	230	-4.65e-002	-36.72	-0.69	2.29	-47.17	-55.64
	226	-4.65e-002	-10.44	1.67	-20.90	-41.47	-45.01
743	225	0.17	12.41	1.10	-121.24	-140.98	-62.08
	228	0.17	-8.93	2.14	-16.30	-82.20	-57.89
	229	0.12	-8.93	2.26	-21.48	-62.88	-58.22
	196	0.12	12.41	1.23	-104.79	87.30	-61.35
744	224	0.11	13.14	1.08	-91.12	-128.41	-42.56
	227	0.11	-9.45	2.13	-23.37	-66.96	-56.19
	228	0.17	-9.45	2.13	-32.80	-86.05	-62.53
	225	0.17	13.14	1.08	-110.13	60.34	-47.89
745	223	0.16	14.57	0.99	34.14	-86.86	-34.72
	226	0.16	-10.30	2.08	-28.81	-27.38	-50.75
	227	0.11	-10.30	2.16	-38.05	-59.86	-59.63
	224	0.11	14.57	1.07	-66.72	41.78	-37.50
746	171	-2.66	16.11	0.84	35.56	-90.45	-28.89

	186	-2.66	-10.44	2.42	36.98	-62.72	-39.35
	226	0.16	-10.44	2.35	-36.63	-38.98	-50.34
	223	0.16	16.11	0.77	28.43	53.23	-33.31
747	220	0.70	12.30	1.46	-102.95	686.79	-81.26
	225	0.70	12.41	0.58	-148.72	740.76	-52.76
	196	0.13	12.41	1.06	-134.20	505.47	-105.53
	222	0.13	12.30	1.95	-52.76	694.49	-140.79
748	218	-3.76e-002	14.15	0.80	-65.53	653.38	-43.97
	224	-3.76e-002	13.14	0.70	-85.91	725.58	-42.61
	225	0.70	13.14	0.69	-157.10	543.55	-55.41
	220	0.70	14.15	0.78	-79.64	648.71	-41.19
749	216	-0.10	15.09	0.80	-37.70	736.22	-46.25
	223	-0.10	14.57	0.63	40.07	777.50	-39.13
	224	-3.76e-002	14.57	0.70	-84.78	602.20	-40.58
	218	-3.76e-002	15.09	0.86	-39.60	655.81	-42.68
750	185	0.79	15.94	0.93	-45.43	763.13	-33.08
	171	0.79	16.11	0.77	42.28	797.20	-32.88
	223	-0.10	16.11	0.59	22.19	793.03	-39.34
	216	-0.10	15.94	0.75	-49.29	791.13	-37.59
751	221	0.15	17.88	-2.04	-6.71	670.38	57.02
	220	0.15	12.30	0.90	-87.43	763.77	-51.90
	222	0.74	12.30	0.91	-218.02	727.68	-187.17
	205	0.74	17.88	-2.03	-44.17	1125.59	-119.70
752	219	3.38e-002	15.17	-5.59e-002	-5.08	639.36	52.28
	218	3.38e-002	14.15	0.55	-37.36	644.60	44.16
	220	0.15	14.15	0.31	-43.42	675.59	-40.91
	221	0.15	15.17	-0.31	-32.70	697.20	47.34
753	217	3.59e-002	15.40	-0.25	-4.41	715.84	-38.73
	216	3.59e-002	15.09	0.44	-34.17	726.24	-39.69
	218	3.38e-002	15.09	0.62	-26.83	669.61	48.28
	219	3.38e-002	15.40	-6.04e-002	-9.38	667.55	47.30
754	180	-0.58	15.81	-3.14e-002	-8.91	799.19	-28.31
	185	-0.58	15.94	0.60	-29.78	760.66	-27.94
	216	3.59e-002	15.94	0.40	-27.74	780.83	-31.94
	217	3.59e-002	15.81	-0.23	-12.77	731.50	-32.29
755	210	0.11	11.95	-0.68	40.62	827.49	54.04
	215	0.11	19.54	2.64	-10.71	769.33	62.97
	204	1.38	19.54	2.53	136.19	932.31	104.04
	212	1.38	11.95	-0.78	-123.84	758.05	103.31
756	208	3.53e-002	14.02	-0.25	24.72	828.68	-35.73
	214	3.53e-002	15.41	-9.32e-002	14.39	859.44	-40.47
	215	0.11	15.41	0.27	-12.10	802.51	-39.88
	210	0.11	14.02	-0.48	36.32	785.51	38.60
757	206	0.12	14.84	-0.30	-23.45	1049.33	-42.04
	213	0.12	14.59	0.19	9.53	1020.99	-33.17
	214	3.53e-002	14.59	4.91e-002	-7.55	944.35	-41.71
	208	3.53e-002	14.84	-0.26	36.47	923.08	-50.16
758	184	-0.47	15.17	-0.41	18.47	976.63	36.78
	179	-0.47	14.48	-0.18	-11.10	983.63	34.75
	213	0.12	14.48	0.17	-15.71	1074.65	-19.52
	206	0.12	15.17	-0.26	19.60	1133.78	-18.44
759	211	0.84	11.33	-0.46	50.67	898.85	50.92
	210	0.84	11.95	-1.15	-41.59	787.84	86.60
	212	0.34	11.95	-1.90	82.38	767.20	75.35
	201	0.34	11.33	-1.20	38.41	679.54	41.59
760	209	-6.74e-002	12.18	-0.76	42.16	867.69	31.56
	208	-6.74e-002	14.02	-0.46	33.09	825.55	-34.76
	210	0.84	14.02	-0.35	42.55	759.95	47.31
	211	0.84	12.18	-0.55	47.44	659.27	57.36
761	207	-0.16	15.31	-0.50	141.35	1219.78	25.16

	206	-0.16	14.84	-0.39	17.69	1082.42	-33.69
	208	-6.74e-002	14.84	-0.52	53.02	898.44	-42.80
	209	-6.74e-002	15.31	-0.70	33.22	770.28	-32.56
762	176	0.63	16.83	-0.22	200.30	1226.06	73.67
	184	0.63	15.17	-0.34	-65.92	1012.01	77.68
	206	-0.16	15.17	-0.43	38.30	1148.24	25.14
	207	-0.16	16.83	-0.26	124.28	1020.87	22.32
763	149	-0.14	-9.18	1.81	-35.88	-422.76	170.99
	38	-0.14	-9.80	1.83	-92.18	-470.75	119.53
	169	-0.31	-9.80	1.41	-149.26	-762.15	150.77
	193	-0.31	-9.18	1.40	-108.39	-848.22	202.32
764	54	-0.18	-8.80	0.58	46.74	-510.79	142.38
	149	-0.18	-9.18	1.09	-49.35	-445.90	152.54
	193	-0.74	-9.18	0.82	38.49	-829.84	157.61
	177	-0.74	-8.80	0.33	39.81	-771.03	147.51
765	157	-0.43	-8.80	0.37	85.60	-553.59	106.04
	54	-0.43	-8.80	0.38	26.69	-529.47	133.14
	177	-1.01	-8.80	0.23	92.91	-749.84	137.51
	190	-1.01	-8.80	0.23	90.87	-731.68	110.49
766	162	-0.56	-9.17	-0.22	102.61	-578.28	71.18
	157	-0.56	-8.80	0.23	70.47	-560.16	93.37
	190	-1.03	-8.80	0.19	124.92	-726.65	103.16
	189	-1.03	-9.17	-0.23	115.11	-721.97	80.99
767	55	-0.61	-9.95	-0.37	89.12	-605.57	39.37
	162	-0.61	-9.17	-0.36	95.81	-586.59	57.28
	189	-1.03	-9.17	-0.29	134.27	-724.94	78.04
	178	-1.03	-9.95	-0.30	108.08	-734.80	59.59
768	28	-0.45	-11.26	-9.98e-001	49.04	-638.11	-19.23
	55	-0.45	-9.95	-0.56	94.96	-615.30	25.82
	178	-0.77	-9.95	-0.36	113.73	-748.19	56.07
	188	-0.77	-11.26	-0.79	63.96	-765.86	46.36
769	47	-0.21	-13.58	-1.37	-122.39	-802.24	-40.38
	28	-0.21	-11.26	-1.59	95.48	-668.42	-32.60
	188	-0.39	-11.26	-0.90	55.86	-778.54	39.75
	174	-0.39	-13.58	-0.68	-64.86	-719.61	-32.98
770	141	1.27	7.69	-4.62	-29.29	-52.08	-20.84
	47	1.27	-13.58	-1.59	-81.30	-165.34	-21.73
	174	2.88	-13.58	0.80	-65.84	44.08	-28.13
	187	2.88	7.69	-2.31	-37.93	-67.25	-27.57
771	46	2.57	53.95	9.24	-22.65	181.94	-25.96
	141	2.57	7.69	-2.22	-57.13	-55.60	-26.48
	187	2.22e-002	7.69	-1.35	-24.65	-78.48	-33.42
	173	2.22e-002	53.95	10.12	5.88	-41.63	-50.05
772	130	-2.05	-6.17	-2.21	63.97	-95.52	-40.05
	45	-2.05	-52.45	8.91	26.41	-225.04	-38.21
	172	-1.96e-002	-52.45	9.90	6.89	-63.53	-58.24
	186	-1.96e-002	-6.17	-1.24	29.02	-103.43	-40.24
773	44	-1.09	15.11	-1.36	42.57	91.63	-23.09
	130	-1.09	-6.17	-4.47	39.57	-84.52	-30.68
	186	-2.66	-6.17	-2.04	42.47	-94.69	-31.22
	171	-2.66	15.11	1.13	43.92	-113.46	-27.46
774	122	0.30	14.63	-1.58	-87.95	708.67	-35.64
	44	0.30	15.11	-1.19	79.93	870.23	-43.93
	171	0.79	15.11	0.42	-61.43	691.48	-32.53
	185	0.79	14.63	0.26	23.85	823.65	-29.70
775	57	0.77	20.14	3.09	-26.11	886.13	-43.63
	122	0.77	14.63	0.18	-109.88	706.99	53.38
	185	-0.58	14.63	-0.37	-27.05	831.87	-26.21
	180	-0.58	20.14	2.79	-30.17	705.38	-32.10
776	101	0.37	13.20	0.38	31.85	433.06	31.20

	56	0.37	18.46	-2.66	40.24	540.27	28.85
	179	-0.47	18.46	-2.56	16.59	783.49	50.09
	184	-0.47	13.20	0.47	26.77	862.47	53.13
777	49	0.15	12.75	1.66	69.73	499.14	55.70
	101	0.15	13.20	1.87	35.59	417.01	73.71
	184	0.63	13.20	0.76	85.84	860.03	107.18
	176	0.63	12.75	0.54	72.37	737.12	88.85
778	85	1.80	2.22	5.56	47.67	-77.36	22.03
	49	1.80	12.75	2.01	98.52	114.32	30.10
	176	-1.44	12.75	1.77	68.57	-204.31	16.91
	183	-1.44	2.22	5.32	130.42	-118.01	15.10
779	48	1.42	-8.61	-1.92	51.68	-59.60	-33.54
	85	1.42	2.22	4.59	62.06	-79.53	24.49
	183	-5.31	2.22	3.90	87.14	-101.46	20.54
	175	-5.31	-8.61	-2.60	108.21	-108.84	-37.90
780	93	2.79	0.15	-5.22	27.16	-37.56	-69.71
	48	2.79	-8.61	-4.95	41.58	-61.41	-31.29
	175	-12.37	-8.61	-7.21	150.33	-87.47	-92.46
	182	-12.37	0.15	-7.48	-25.66	10.66	-131.99
781	39	-2.27	10.79	-5.51	-79.66	47.61	-27.73
	93	-2.27	0.15	-5.22	-51.39	25.48	-74.21
	182	12.64	0.15	-8.10	-32.40	-14.04	-120.18
	170	12.64	10.79	-8.39	-207.63	38.35	-72.67
782	77	-1.20	1.41	4.82	-89.46	23.80	23.67
	39	-1.20	10.79	-2.53	-75.80	34.78	-33.35
	170	5.87	10.79	-3.37	-127.40	50.56	18.47
	181	5.87	1.41	3.98	-142.78	-19.76	40.80
783	38	-1.87	-9.80	2.12	-147.23	-177.96	52.01
	77	-1.87	1.41	5.89	-48.27	-23.35	21.41
	181	1.79	1.41	5.73	-180.69	32.01	27.31
	169	1.79	-9.80	1.96	-146.95	182.40	59.48
784	17	0.13	-9.99	1.90	-31.65	293.78	-16.07
	144	0.13	-10.68	1.67	55.29	360.28	-12.64
	47	-0.21	-10.68	1.61	49.31	386.66	-46.67
	28	-0.21	-9.99	1.85	58.89	499.22	-50.92
785	165	0.10	-9.28	0.65	-46.04	299.83	-15.09
	17	0.10	-9.99	1.23	-32.50	294.85	-13.92
	28	-0.45	-9.99	1.25	-50.23	509.84	-16.57
	55	-0.45	-9.28	0.66	-49.89	504.87	-17.96
786	161	0.11	-8.68	0.30	-53.43	289.52	26.34
	165	0.11	-9.28	0.35	-48.96	301.19	-16.03
	55	-0.61	-9.28	0.46	-76.56	496.15	29.21
	162	-0.61	-8.68	0.40	-76.46	483.05	43.71
787	156	-4.22e-002	-8.32	-0.39	-43.55	256.12	42.33
	161	-4.22e-002	-8.68	0.21	-48.17	280.26	28.47
	162	-0.56	-8.68	0.25	-73.19	474.21	60.96
	157	-0.56	-8.32	-0.33	-66.04	452.30	75.97
788	152	0.17	-8.12	-0.60	-26.20	201.10	48.08
	156	0.17	-8.32	-0.53	-25.34	238.58	40.89
	157	-0.43	-8.32	-0.51	-42.20	439.63	95.54
	54	-0.43	-8.12	-0.58	-33.53	402.63	103.11
789	148	0.19	-7.76	-1.38	22.80	123.89	33.11
	152	0.19	-8.12	-0.85	21.60	173.67	44.09
	54	-0.18	-8.12	-0.80	28.46	386.41	118.89
	149	-0.18	-7.76	-1.32	38.03	345.36	107.63
790	76	0.16	-6.27	-1.22	-52.38	68.58	14.43
	148	0.16	-7.76	-1.56	38.19	95.36	32.69
	149	-0.14	-7.76	-2.04	72.07	313.73	125.90
	38	-0.14	-6.27	-1.71	42.38	226.67	106.25
791	140	-1.90	5.11	-5.43	24.64	-17.86	27.94

	144	-1.90	-10.68	-1.12	-59.73	-183.21	-10.64
	47	1.27	-10.68	-1.75	-53.99	136.06	-12.82
	141	1.27	5.11	-6.06	-55.83	-51.62	29.40
792	133	-1.25	5.90	10.97	-25.53	21.70	33.03
	140	-1.25	5.11	-2.15	-18.52	13.55	19.76
	141	2.57	5.11	-3.65	-24.17	-52.28	-29.17
	46	2.57	6.38	9.15	-36.27	20.16	-51.27
793	129	1.46	-3.95	-1.82	-28.18	47.38	-20.97
	133	1.46	-4.72	11.18	-26.92	30.57	29.38
	45	-2.05	-5.28	9.16	51.96	43.74	-51.30
	130	-2.05	-3.95	-3.55	24.41	72.15	-46.03
794	125	1.96	12.12	-0.50	87.77	183.89	-26.27
	129	1.96	-3.95	-4.86	-45.56	66.98	-22.77
	130	-1.09	-3.95	-5.82	45.19	75.25	-27.01
	44	-1.09	12.12	-1.45	44.72	-108.56	-32.82
795	121	-0.88	11.86	-1.03	-26.98	256.04	-18.67
	125	-0.88	12.12	-0.75	131.33	423.08	-42.89
	44	0.30	12.12	-1.48	45.24	297.03	-53.81
	122	0.30	11.86	-1.76	53.88	475.38	-29.44
796	117	-0.29	8.47	3.01	-50.40	207.69	23.94
	121	-0.29	11.86	0.13	29.10	224.59	-14.98
	122	0.77	11.86	-0.24	37.19	485.31	59.52
	57	0.77	8.47	2.77	-104.12	440.76	72.81
797	113	-0.38	1.52	1.28	-79.34	247.64	35.89
	117	-0.38	8.47	3.14	-49.33	193.69	-20.71
	57	-2.04	8.47	4.40	-123.40	380.35	169.68
	114	-2.04	1.52	2.54	-59.24	122.25	185.57
798	108	0.96	1.43	-0.30	-61.99	176.82	32.81
	113	0.96	1.52	0.63	-63.42	223.22	53.27
	114	-6.27	1.52	0.32	-48.91	82.73	92.03
	109	-6.27	1.43	-0.27	-19.23	77.65	69.98
799	104	-0.43	7.66	-2.66	-22.08	103.46	28.02
	108	-0.43	1.43	-0.89	-42.79	168.96	44.63
	109	-2.85	1.43	-2.11	-27.06	90.18	29.39
	56	-2.85	7.66	-3.89	-52.20	209.40	25.88
800	100	-0.44	10.39	-0.12	49.34	65.22	14.95
	104	-0.44	7.66	-2.65	27.61	102.01	21.23
	56	0.37	7.66	-2.33	-28.67	231.93	19.05
	101	0.37	10.39	0.43	94.74	272.16	14.09
801	88	-0.92	9.09	0.34	68.35	99.38	20.85
	100	-0.92	10.39	0.68	65.27	66.50	17.08
	101	0.15	10.39	1.96	89.35	261.75	51.71
	49	0.15	9.09	1.62	40.60	184.18	56.63
802	84	0.81	4.76	1.57	35.21	87.00	40.18
	88	0.81	9.09	-0.19	88.75	135.32	24.39
	49	1.80	9.09	1.81	39.10	-137.30	15.75
	85	1.80	4.76	3.20	62.74	-88.86	30.23
803	96	0.97	-0.75	-1.86	-31.78	42.94	-17.18
	84	0.97	4.76	0.92	18.08	68.29	34.97
	85	1.42	4.76	2.23	43.68	-67.93	30.63
	48	1.42	-0.75	-0.57	39.88	-48.24	-23.26
804	92	0.60	0.72	-4.28	-29.78	30.89	-37.76
	96	0.60	-0.75	-2.34	-40.12	38.21	-18.06
	48	2.79	-0.75	-3.57	36.43	-42.76	-35.10
	93	2.79	0.72	-5.51	-29.37	34.39	-55.07
805	80	-0.30	2.43	-2.42	-25.02	43.81	-23.02
	92	-0.30	0.72	-4.24	-38.33	39.56	-36.38
	93	-2.27	0.72	-5.51	-38.07	28.08	-55.19
	39	-2.27	2.43	-3.69	-64.01	35.52	-41.49
806	75	-0.82	-2.47	1.39	-22.77	23.55	28.05

	80	-0.82	2.43	-1.80	-25.92	47.15	-21.19
	39	-1.20	2.43	-0.73	-81.11	40.72	-27.33
	77	-1.20	-2.47	2.48	-47.21	78.83	23.89
807	76	-0.87	-6.27	0.67	-34.19	-103.50	22.58
	75	-0.87	-2.47	2.25	-27.89	18.06	25.16
	77	-1.87	-2.47	3.54	-97.99	107.30	22.13
	38	-1.87	-6.27	1.95	96.43	206.96	19.46

Ascensore 09 Q1 per STEEL

All-In-One EWS 42 (17.11.2015) build 6269

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COORDINATE E DATI DEI NODI (Fase 1)

Nodo	x	y	z	tx	ty	tz	rx	ry	rz	ms	fz	mm
10	220		47	1069	0	0	0	0	0	0	0	0
20	220		157	1069	0	0	0	0	0	0	0	0
58	0		157	1309	0	0	0	0	0	0	0	0
59	0		47	1309	0	0	0	0	0	0	0	0
60	220		47	1309	0	0	0	0	0	0	0	0
63	54		157	1309	0	0	0	0	0	0	0	0
64	54		47	1309	0	0	0	0	0	0	0	0
65	166		157	1309	0	0	0	0	0	0	0	0
66	166		47	1309	0	0	0	0	0	0	0	0
67	190	524.5	958	0	0	1	0	0	0	0	0	0
68	30	524.5	958	0	0	1	0	0	0	0	0	0
69	190	289.125	958	0	0	0	0	0	0	0	0	0
70	190	364.25	958	0	0	0	0	0	0	0	0	0
73	190	439.375	958	0	0	0	0	0	0	0	0	0
74	30	289.125	958	0	0	0	0	0	0	0	0	0
81	30	364.25	958	0	0	0	0	0	0	0	0	0
89	30	439.375	958	0	0	0	0	0	0	0	0	0
97	190	506.988	958	0	0	0	0	0	0	0	0	0
105	30	506.988	958	0	0	0	0	0	0	0	0	0
110	190	221.512	958	0	0	0	0	0	0	0	0	0
118	30	221.512	958	0	0	0	0	0	0	0	0	0
131	0	204	1069	0	0	0	0	0	0	0	0	0
134	220		0	1069	0	0	0	0	0	0	0	0
136	110	506.988	958	0	0	0	0	0	0	0	0	0
138	220		204	1069	0	0	0	0	0	0	0	0
142	0		0	1069	0	0	0	0	0	0	0	0
145	110	439.375	958	0	0	0	0	0	0	0	0	0
153	110	364.25	958	0	0	0	0	0	0	0	0	0
158	110	289.125	958	0	0	0	0	0	0	0	0	0
166	110	221.512	958	0	0	0	0	0	0	0	0	0
516	190	204	958	0	0	0	0	0	0	0	0	0
579	30	204	958	0	0	0	0	0	0	0	0	0
623	166	204	1209	0	0	0	0	0	0	0	0	0
624	54	204	1209	0	0	0	0	0	0	0	0	0
625	220		47	1249	0	0	0	0	0	0	0	1
627	220		157	1249	0	0	0	0	0	0	0	1
678	220		47	1139	0	0	0	0	0	0	0	1
679	220		157	1139	0	0	0	0	0	0	0	1
681	110		102	1309	0	0	0	0	0	0	0	0
696	54		204	1069	0	0	0	0	0	0	0	0
697	166		204	1069	0	0	0	0	0	0	0	0
698	220		0	1309	0	0	0	0	0	0	0	0
699	0		0	1309	0	0	0	0	0	0	0	0
700	0		204	1309	0	0	0	0	0	0	0	0
701	220		204	1309	0	0	0	0	0	0	0	0
702	166		204	1309	0	0	0	0	0	0	0	0
703	54		204	1309	0	0	0	0	0	0	0	0
704	54		0	1069	0	0	0	0	0	0	0	0
705	166		0	1069	0	0	0	0	0	0	0	0
706	166		0	1309	0	0	0	0	0	0	0	0
707	54		0	1309	0	0	0	0	0	0	0	0
708	0		47	1069	0	0	0	0	0	0	0	0
709	0		157	1069	0	0	0	0	0	0	0	0
710	220		157	1309	0	0	0	0	0	0	0	0

ESTREMI E DATI DEGLI ELEMENTI (Fase 1)

Elemento	Estremi	Tipo	Carico	Nodo	K	Massa	Materiale-EE
11	681 63	10	146		0	9	
12	66 681	10	146		0	9	
13	681 65	10	146		0	9	

14	64 681	10	146	0	9
15	679 627	14	7	0	7
16	20 679	14	7	0	7
17	678 625	14	7	0	7
18	10 678	14	7	0	7
19	627 710	9	7	0	7
20	625 60	9	7	0	7
21	138 701	8	14	0	3
22	134 698	8	13	0	3
23	624 623	10	258	0	13
24	624 703	9	9	0	7
25	696 624	14	9	0	7
26	623 702	9	9	0	7
27	697 623	14	9	0	7
28	166 110	16	1	0	2
29	118 166	16	1	0	2
30	158 69	16	1	0	2
31	74 158	16	1	0	2
32	153 70	16	1	0	2
33	81 153	16	1	0	2
34	145 73	16	1	0	2
35	89 145	16	1	0	2
36	136 97	16	1	0	2
37	105 136	16	1	0	2
38	118 74	2	2	0	1
39	579 118	1	2	0	1
40	110 69	2	3	0	1
41	516 110	1	3	0	1
42	105 68	2	2	0	1
43	89 105	2	2	0	1
44	97 67	2	3	0	1
45	73 97	2	3	0	1
46	81 89	2	2	0	1
47	74 81	2	2	0	1
48	70 73	2	3	0	1
49	69 70	2	3	0	1
50	63 700	10	146	0	9
51	698 66	10	146	0	9
52	65 701	10	146	0	9
53	699 64	10	146	0	9
54	65 710	10	146	0	9
55	63 65	10	146	0	9
56	58 63	10	146	0	9
57	66 60	10	146	0	9
58	64 66	10	146	0	9
59	59 64	10	146	0	9
60	706 66	10	256	0	10
61	66 65	10	256	0	10
62	65 702	10	256	0	10
63	63 703	10	256	0	10
64	64 63	10	256	0	10
65	707 64	10	256	0	10
77	702 701	11	146	0	9
78	703 702	11	146	0	9
79	700 703	11	146	0	9
80	706 698	11	146	0	9
81	707 706	11	146	0	9
82	699 707	11	146	0	9
83	710 701	11	255	0	11
84	60 710	11	255	0	11
85	698 60	11	255	0	11
86	58 700	11	255	0	11
87	59 58	11	255	0	11
88	699 59	11	255	0	11
89	708 59	9	8	0	7
90	709 58	9	8	0	7
95	704 707	9	10	0	7
96	705 706	9	10	0	7

101	142 699	8	11	0	3
102	131 700	8	12	0	3

ELEMENTI TIPO (Fase 1)

TRAVE GENERICA

Tipo	Nome	Ax	Ay	Az	Jx	Jy	Jz	vi	vj
Materiale elastico: E=2.1e+006 G=800000									
1	IPE220	33.4	0	0	9.15	205	2772	48	0
2	IPE220	33.4	0	0	9.15	205	2772	0	0
8	Tubo_159_8	37.9504	0	0	2163.27	1084.67	1084.67	0	56
9	Scatolare_120_8	35.84	0	0	1123.94	753.118	753.118	0	56
10	IPE120	13.2	0	0	1.77	27.7	318	0	0
11	HEA160_ruot	38.7714	0	0	12.254	1672.89	614.641	0	0
14	Scatolare_120_8	35.84	0	0	1123.94	753.118	753.118	0	0
16	HEA100	21.2	0	0	4.83	134	349	0	0

Tipi di carico

Nome	Tipo	Grav.	Gamma fav	Gamma sfav.	Gamma sismico	Psi 0	Psi 1	Psi 2	Psi 2	Phi
Permanente	permanente	*	1.00	1.30	1.00	nd	nd	nd	nd	nd
Permanente non strutt.	permanente	*	0.00	1.50	1.00	nd	nd	nd	nd	nd
Sismico SLV	sismico		nd	1.00	0.00	nd	nd	nd	nd	nd
Sismico SLD	sismico		nd	1.00	0.00	nd	nd	nd	nd	nd
Sismico SLO	sismico		nd	1.00	0.00	nd	nd	nd	nd	nd
Sismico SLC	sismico		nd	1.00	0.00	nd	nd	nd	nd	nd
Torcente SLV	sismico correlato		nd	1.00	0.00	nd	nd	nd	nd	nd
Torcente SLD	sismico correlato		nd	1.00	0.00	nd	nd	nd	nd	nd
Torcente SLO	sismico correlato		nd	1.00	0.00	nd	nd	nd	nd	nd
Torcente SLC	sismico correlato		nd	1.00	0.00	nd	nd	nd	nd	nd
Cat. A: Residenziale	variabile	*	nd	1.50	1.00	0.70	0.50	0.30	0.30	1.00
Cat. B: Uffici	variabile	*	nd	1.50	1.00	0.70	0.50	0.30	0.30	1.00
Cat. C: Affollamento	variabile	*	nd	1.50	1.00	0.70	0.70	0.60	0.60	1.00
Cat. D: Commerciale	variabile	*	nd	1.50	1.00	0.70	0.70	0.60	0.60	1.00
Cat. E: Magazzini	variabile	*	nd	1.50	1.00	1.00	0.90	0.80	0.80	1.00
Cat. F: Rimesse (<30kN)	variabile	*	nd	1.50	1.00	0.70	0.70	0.60	0.60	1.00
Cat. G: Rimesse (>30kN)	variabile	*	nd	1.50	1.00	0.70	0.50	0.30	0.30	1.00
Cat. H: Copertura	variabile	*	nd	1.50	1.00	0.00	0.00	0.00	0.20	1.00
Neve (q<1000)	variabile	*	nd	1.50	1.00	0.50	0.20	0.00	0.00	1.00
Neve (q>1000)	variabile	*	nd	1.50	1.00	0.70	0.50	0.20	0.00	1.00
Vento	variabile non contemporaneo		nd	1.50	0.00	0.60	0.20	0.00	0.00	1.00
Temperatura	variabile non contemporaneo		nd	1.50	0.00	0.60	0.50	0.00	0.00	1.00

SPETTRI DI RISPOSTA

SLDh

fattore q automatico SI

Dir. azione sismica orizzontale

regolare in pianta NO

regolare in altezza NO

numero di intervalli 32

materiale struttura Calcestruzzo

tipologia struttura Strutture con solo due pareti non accoppiate

forma dello spettro Elastico

categoria del suolo Depositi di sabbie e ghiaie mediamente addensate o di argille di media consistenza

classe di duttilità Bassa

categoria topografica T3

normativa DM 2008

zona sismica II

classe d'uso 2

tipo di stato limite SLD

durata totale 2.00

smorzamento 5.00

f0 2.44

Ag/g 0.07

Tc* 0.29

longitudine 13.60
 latitudine 43.11
 Pv 0.63
 Vr 50.00
 % quota sul pendio 1.00
 Tr 50.29
 fattore q effettivo 1.00
 fattore n effettivo 1.00
 fattore s effettivo 1.80
periodo risposta
 0 1.8
 0.0645161 2.89688
 0.152767 4.39731
 0.193548 4.39731
 0.258065 4.39731
 0.322581 4.39731
 0.387097 4.39731
 0.458302 4.39731
 0.516129 3.90463
 0.580645 3.47079
 0.645161 3.12371
 0.709677 2.83973
 0.774194 2.60309
 0.83871 2.40285
 0.903226 2.23122
 0.967742 2.08247
 1.03226 1.95232
 1.09677 1.83748
 1.16129 1.73539
 1.22581 1.64406
 1.29032 1.56185
 1.35484 1.48748
 1.41935 1.41987
 1.48387 1.35813
 1.54839 1.30154
 1.6129 1.24948
 1.67742 1.20143
 1.74194 1.15693
 1.80645 1.11561
 1.87097 1.07714
 1.93548 1.00781
 2 0.943838

SLVh

fattore q automatico SI
 Dir. azione sismica orizzontale
 regolare in pianta NO
 regolare in altezza NO
 numero di intervalli 32
 materiale struttura Calcestruzzo
 tipologia struttura Strutture con solo due pareti non accoppiate
 forma dello spettro Elastico
 categoria del suolo Depositi di sabbie e ghiaie mediamente addensate o di argille di media consistenza
 classe di duttilità Bassa
 categoria topografica T3
 normativa DM 2008
 zona sismica II
 classe d'uso 2
 tipo di stato limite SLV
 durata totale 2.30
 smorzamento 5.00
 f0 2.43
 Ag/g 0.18
 Tc* 0.34
 longitudine 13.60
 latitudine 43.11
 Pv 0.10
 Vr 50.00
 % quota sul pendio 1.00

Tr 474.56

fattore q effettivo 1.00

fattore n effettivo 1.00

fattore s effettivo 1.73

periodo risposta

0 1.73142

0.0743414 2.8239

0.168846 4.2127

0.223024 4.2127

0.297366 4.2127

0.371707 4.2127

0.446049 4.2127

0.506539 4.2127

0.594731 3.588

0.669073 3.18933

0.743414 2.8704

0.817756 2.60945

0.892097 2.392

0.966439 2.208

1.04078 2.05029

1.11512 1.9136

1.18946 1.794

1.2638 1.68847

1.33815 1.59467

1.41249 1.51074

1.48683 1.4352

1.56117 1.36686

1.63551 1.30473

1.70985 1.248

1.78419 1.196

1.85854 1.14816

1.93288 1.104

2.00722 1.06311

2.08156 1.02514

2.1559 0.989793

2.23024 0.9568

2.30458 0.925935

CARICHI UNIFORMI TIPO (Fase 1)

Condizione di carico: "ACC passerella" Tipo: "Cat. C: Affollamento"

Tipo cdx cdy cdz ref lato

1 0 0 -2.8 gbl 0

Condizione di carico: "Neve" Tipo: "Neve (q<1000)"

Tipo cdx cdy cdz ref lato

145 0 0 -0.85 gbl 0

255 0 0 -0.21 gbl 0

256 0 0 -0.7 gbl 0

258 0 0 -0.85 gbl 0

Condizione di carico: "Pensilina" Tipo: "Permanente"

Tipo cdx cdy cdz ref lato

145 0 0 -0.5 gbl 0

258 0 0 -0.5 gbl 0

Condizione di carico: "Doghe rivestimento" Tipo: "Permanente"

Tipo cdx cdy cdz ref lato

137 0 0 -0.008 gbl 0

138 0 0 -0.008 gbl 0

139 0 0 -0.009 gbl 0

140 0 0 -0.009 gbl 0

141 0 0 -0.009 gbl 0

143 0 0 -0.009 gbl 0

Condizione di carico: "Vy" Tipo: "Vento"

Tipo cdx cdy cdz ref lato

9 0 0.37 0 gbl 0

10 0 0.72 0 gbl 0

11 0 0.31 0 gbl 0

12 0 0.16 0 gbl 0

13	0	0.31	0	gbl	0
14	0	0.16	0	gbl	0
132	0	0.38	0	gbl	0
133	0	0.19	0	gbl	0
137	0	0.0085	0	gbl	0
140	0	0.0085	0	gbl	0
141	0	0.0043	0	gbl	0

Condizione di carico: "Vx" Tipo: "Vento"

Tipo	cdx	cdy	cdz	ref	lato
2	1.17	0	0	gbl	0
3	0.6	0	0	gbl	0
7	0.37	0	0	gbl	0
8	0.72	0	0	gbl	0
11	0.31	0	0	gbl	0
12	0.31	0	0	gbl	0
13	0.16	0	0	gbl	0
14	0.16	0	0	gbl	0
134	0.38	0	0	gbl	0
138	0.0085	0	0	gbl	0
139	0.0085	0	0	gbl	0
143	0.0043	0	0	gbl	0

Condizione di carico: "PERM" Tipo: "Permanente"

Tipo	cdx	cdy	cdz	ref	lato
1	0	0	-0.19	gbl	0
2	0	0	-1.67	gbl	0
3	0	0	-1.67	gbl	0
7	0	0	-0.36	gbl	0
8	0	0	-0.36	gbl	0
9	0	0	-0.36	gbl	0
10	0	0	-0.36	gbl	0
11	0	0	-0.16	gbl	0
12	0	0	-0.16	gbl	0
13	0	0	-0.16	gbl	0
14	0	0	-0.16	gbl	0
132	0	0	-0.19	gbl	0
133	0	0	-0.19	gbl	0
134	0	0	-0.19	gbl	0
255	0	0	-0.08	gbl	0
256	0	0	-0.26	gbl	0

PESI PROPRI TIPO (Fase 1)

Condizione di carico: "PERM" Tipo: "Permanente"

Tipo	gm	gx	gy	gz
1	0.00785	0	0	-1
2	0.00785	0	0	-1
3	0.00785	0	0	-1
7	0.00785	0	0	-1
8	0.00785	0	0	-1
9	0.00785	0	0	-1
10	0.00785	0	0	-1
11	0.00785	0	0	-1
12	0.00785	0	0	-1
13	0.00785	0	0	-1
14	0.00785	0	0	-1
128	0.0025	0	0	-1
129	0.0025	0	0	-1
130	0.00785	0	0	-1
137	0.0025	0	0	-1
138	0.0025	0	0	-1
139	0.0025	0	0	-1
140	0.0025	0	0	-1
141	0.0025	0	0	-1
143	0.0025	0	0	-1
146	0.00785	0	0	-1
255	0.00785	0	0	-1
256	0.00785	0	0	-1

FORZE TIPO (Fase 1)

Condizione di carico: "Ascensore" Tipo: "Permanente"

Tipo	Fx	Fy	Fz	Mx	My	Mz
1	0	0	-2920	0	0	0

MASSE TIPO (Fase 1)

Tipo	dn	md	dp
1	8.00204e-006	0.00170234	0.05
2	8.00204e-006	0.00190622	0.05
3	8.00204e-006	0.000163099	0.05
7	8.00204e-006	0.000366972	0.05
9	8.00204e-006		0 0.05
10	8.00204e-006	0.000265036	0.05
11	8.00204e-006	8.15494e-005	0.05
13	8.00204e-006	0.000509684	0.05

MASSE NODALI TIPO (Fase 1)

1	0.3843	0.3843	0	0	0	0
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INFORMAZIONI - ANALISI "_124" (Fase 1)

Equazioni.....	4234
Semibanda.....	300
Numero blocchi.....	1
Zero algoritmico.....	5.6069e-007
Tempo totale analisi (sec).....	5.78

SFORZI "Ascensore" (Fase 1)

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
11	681	-2.46e-007	1.00e-008	-4.40e-011	3.84e-009	3.58e-009	3.09e-006
	63	2.46e-007	-1.00e-008	4.40e-011	-3.84e-009	-1.24e-010	-2.30e-006
12	66	-2.46e-007	-1.03e-009	1.66e-010	-2.02e-009	-8.93e-009	3.01e-006
	681	2.46e-007	1.03e-009	-1.66e-010	2.02e-009	-4.12e-009	-3.09e-006
13	681	2.48e-007	-1.02e-008	9.91e-011	3.33e-009	-1.47e-009	-3.20e-006
	65	-2.48e-007	1.02e-008	-9.91e-011	-3.33e-009	-6.31e-009	2.40e-006
14	64	2.48e-007	8.27e-010	-2.56e-012	-1.98e-009	-1.81e-009	-3.14e-006
	681	-2.48e-007	-8.27e-010	2.56e-012	1.98e-009	2.01e-009	3.21e-006
15	679	1.95e-007	-6.57e-008	-6.74e-008	0.00	1.15e-005	-1.12e-005
	627	-1.95e-007	6.57e-008	6.74e-008	0.00	-4.05e-006	3.94e-006
16	20	1.95e-007	-6.57e-008	-6.74e-008	4.24e-022	1.62e-005	-1.58e-005
	679	-1.95e-007	6.57e-008	6.74e-008	-4.24e-022	-1.15e-005	1.12e-005
17	678	-2.93e-007	7.13e-008	-5.06e-008	-4.24e-022	8.60e-006	1.21e-005
	625	2.93e-007	-7.13e-008	5.06e-008	4.24e-022	-3.03e-006	-4.28e-006
18	10	-2.93e-007	7.13e-008	-5.06e-008	0.00	1.21e-005	1.71e-005
	678	2.93e-007	-7.13e-008	5.06e-008	0.00	-8.60e-006	-1.21e-005
19	627	1.95e-007	-6.57e-008	-6.74e-008	0.00	4.05e-006	-3.94e-006
	710	-1.95e-007	6.57e-008	6.74e-008	0.00	0.00	0.00
20	625	-2.93e-007	7.13e-008	-5.06e-008	0.00	3.03e-006	4.28e-006
	60	2.93e-007	-7.13e-008	5.06e-008	0.00	0.00	0.00
21	138	4.27e-007	-7.95e-008	-9.33e-008	0.00	2.24e-005	-1.91e-005
	701	-4.27e-007	7.95e-008	9.33e-008	0.00	0.00	0.00
22	134	5.00e-007	7.75e-008	-7.08e-008	0.00	1.70e-005	1.86e-005
	698	-5.00e-007	-7.75e-008	7.08e-008	0.00	0.00	0.00
23	624	1.84e-008	-6.58e-008	-2.63e-008	1.22e-008	1.68e-006	-3.56e-006

	623	-1.84e-008	6.58e-008	2.63e-008	-1.22e-008	1.26e-006	-3.82e-006
24	624	9.14e-007	-7.14e-008	4.82e-008	0.00	-4.82e-006	-7.14e-006
	703	-9.14e-007	7.14e-008	-4.82e-008	0.00	0.00	0.00
25	696	8.48e-007	-5.30e-008	7.45e-008	1.68e-006	-1.52e-005	-1.10e-005
	624	-8.48e-007	5.30e-008	-7.45e-008	-1.68e-006	4.81e-006	3.58e-006
26	623	-9.29e-007	-6.14e-008	-4.36e-008	0.00	4.36e-006	-6.14e-006
	702	9.29e-007	6.14e-008	4.36e-008	0.00	0.00	0.00
27	697	-8.63e-007	-7.99e-008	-6.99e-008	1.26e-006	1.41e-005	-1.35e-005
	623	8.63e-007	7.99e-008	6.99e-008	-1.26e-006	-4.34e-006	2.33e-006
28	166	5.15e-009	2.09e-008	-1.00e-013	-2.93e-003	1.04e-008	7.90e-009
	110	-5.15e-009	-2.09e-008	1.00e-013	2.93e-003	-1.04e-008	1.66e-006
29	118	5.15e-009	2.09e-008	-1.00e-013	-2.93e-003	1.04e-008	1.68e-006
	166	-5.15e-009	-2.09e-008	1.00e-013	2.93e-003	-1.04e-008	-7.90e-009
30	158	-1.31e-009	1.13e-008	-1.01e-013	-2.93e-003	-2.30e-009	9.13e-011
	69	1.31e-009	-1.13e-008	1.01e-013	2.93e-003	2.31e-009	9.02e-007
31	74	-1.31e-009	1.13e-008	-1.01e-013	-2.93e-003	-2.29e-009	9.02e-007
	158	1.31e-009	-1.13e-008	1.01e-013	2.93e-003	2.30e-009	-9.13e-011
32	153	2.45e-010	8.12e-009	-8.37e-014	-2.93e-003	4.84e-010	9.53e-013
	70	-2.45e-010	-8.12e-009	8.37e-014	2.93e-003	-4.78e-010	6.50e-007
33	81	2.45e-010	8.12e-009	-8.37e-014	-2.93e-003	4.91e-010	6.50e-007
	153	-2.45e-010	-8.12e-009	8.37e-014	2.93e-003	-4.84e-010	-9.50e-013
34	145	-5.18e-011	-2.65e-007	-5.80e-014	-2.93e-003	-1.04e-010	8.88e-015
	73	5.18e-011	2.65e-007	5.80e-014	2.93e-003	1.09e-010	-2.12e-005
35	89	-5.18e-011	-2.65e-007	-5.80e-014	-2.93e-003	-9.93e-011	-2.12e-005
	145	5.18e-011	2.65e-007	5.80e-014	2.93e-003	1.04e-010	-8.88e-015
36	136	8.70e-012	-6.92e-005	-3.93e-014	-2.93e-003	3.82e-011	3.33e-016
	97	-8.70e-012	6.92e-005	3.93e-014	2.93e-003	-3.51e-011	-5.54e-003
37	105	8.75e-012	-6.92e-005	-3.93e-014	-2.93e-003	4.13e-011	-5.54e-003
	136	-8.75e-012	6.92e-005	3.93e-014	2.93e-003	-3.82e-011	-1.11e-016
38	118	2.82e-013	4.19e-005	-1.11e-009	5.56e-003	6.04e-008	2.20e-003
	74	-2.82e-013	-4.19e-005	1.11e-009	-5.56e-003	1.44e-008	6.36e-004
39	579	3.53e-013	4.19e-005	4.04e-009	5.55e-003	0.00	0.00
	118	-3.53e-013	-4.19e-005	-4.04e-009	-5.55e-003	-7.08e-008	7.35e-004
40	110	-2.82e-013	-4.19e-005	1.11e-009	5.56e-003	-6.04e-008	-2.20e-003
	69	2.82e-013	4.19e-005	-1.11e-009	-5.56e-003	-1.44e-008	-6.36e-004
41	516	-3.82e-013	-4.19e-005	-4.04e-009	5.55e-003	0.00	0.00
	110	3.82e-013	4.19e-005	4.04e-009	-5.55e-003	7.08e-008	-7.35e-004
42	105	0.00	1.11e-004	-3.93e-014	8.67e-019	-4.34e-013	1.95e-003
	68	0.00	-1.11e-004	3.93e-014	-8.67e-019	4.96e-013	-3.47e-018
43	89	3.93e-014	4.22e-005	8.78e-012	5.54e-003	-5.53e-010	1.87e-003
	105	-3.93e-014	-4.22e-005	-8.78e-012	-5.54e-003	-4.04e-011	9.84e-004
44	97	-2.71e-020	-1.11e-004	1.94e-014	8.67e-019	-9.61e-013	-1.95e-003
	67	2.71e-020	1.11e-004	-1.94e-014	-8.67e-019	3.52e-013	0.00
45	73	-3.93e-014	-4.22e-005	-8.70e-012	5.54e-003	5.52e-010	-1.87e-003
	97	3.93e-014	4.22e-005	8.70e-012	-5.54e-003	3.61e-011	-9.84e-004
46	81	9.73e-014	4.19e-005	-4.29e-011	5.56e-003	2.57e-009	2.08e-003
	89	-9.73e-014	-4.19e-005	4.29e-011	-5.56e-003	6.52e-010	1.07e-003
47	74	1.81e-013	4.19e-005	2.02e-010	5.56e-003	-1.21e-008	2.30e-003
	81	-1.81e-013	-4.19e-005	-2.02e-010	-5.56e-003	-3.06e-009	8.52e-004
48	70	-9.73e-014	-4.19e-005	4.31e-011	5.56e-003	-2.58e-009	-2.08e-003
	73	9.73e-014	4.19e-005	-4.31e-011	-5.56e-003	-6.61e-010	-1.07e-003
49	69	-1.81e-013	-4.19e-005	-2.02e-010	5.56e-003	1.21e-008	-2.30e-003
	70	1.81e-013	4.19e-005	2.02e-010	-5.56e-003	3.05e-009	-8.52e-004

50	63	-1.72e-007	-8.17e-009	-1.92e-010	3.98e-009	7.57e-009	4.13e-006
	700	1.72e-007	8.17e-009	1.92e-010	-3.98e-009	6.16e-009	-4.72e-006
51	698	-1.80e-007	-5.73e-008	-1.73e-010	-1.64e-009	3.39e-009	-3.24e-006
	66	1.80e-007	5.73e-008	1.73e-010	1.64e-009	9.02e-009	-8.59e-007
52	65	1.87e-007	1.41e-008	-1.98e-010	3.23e-009	9.25e-009	-4.62e-006
	701	-1.87e-007	-1.41e-008	1.98e-010	-3.23e-009	4.91e-009	5.63e-006
53	699	1.69e-007	6.18e-008	-1.80e-010	-1.32e-009	5.44e-009	3.53e-006
	64	-1.69e-007	-6.18e-008	1.80e-010	1.32e-009	7.45e-009	8.91e-007
54	65	4.70e-008	-5.31e-008	-3.23e-009	-1.05e-008	7.79e-008	-2.90e-006
	710	-4.70e-008	5.31e-008	3.23e-009	1.05e-008	9.67e-008	2.99e-008
55	63	1.31e-008	8.46e-008	-3.93e-010	-2.13e-009	2.24e-008	4.80e-006
	65	-1.31e-008	-8.46e-008	3.93e-010	2.13e-009	2.16e-008	4.67e-006
56	58	-3.02e-008	-6.13e-008	-2.84e-009	-9.80e-009	8.55e-008	1.56e-008
	63	3.02e-008	6.13e-008	2.84e-009	9.80e-009	6.79e-008	-3.32e-006
57	66	-5.21e-008	-2.11e-008	-3.23e-009	-1.92e-009	7.83e-008	-1.21e-006
	60	5.21e-008	2.11e-008	3.23e-009	1.92e-009	9.61e-008	7.48e-008
58	64	-1.48e-008	4.72e-008	-3.66e-010	-8.48e-009	2.08e-008	2.58e-006
	66	1.48e-008	-4.72e-008	3.66e-010	8.48e-009	2.01e-008	2.72e-006
59	59	3.24e-008	-1.71e-008	-2.83e-009	-2.15e-009	8.50e-008	8.06e-008
	64	-3.24e-008	1.71e-008	2.83e-009	2.15e-009	6.79e-008	-1.00e-006
60	706	-4.13e-008	-3.64e-008	3.05e-009	4.45e-009	-8.25e-008	-8.17e-008
	66	4.13e-008	3.64e-008	-3.05e-009	-4.45e-009	-6.09e-008	-1.63e-006
61	66	9.50e-009	-2.43e-008	6.85e-010	6.97e-009	-3.77e-008	7.63e-008
	65	-9.50e-009	2.43e-008	-6.85e-010	-6.97e-009	-3.77e-008	-2.75e-006
62	65	5.78e-008	8.91e-008	3.22e-009	5.19e-009	-6.48e-008	4.11e-006
	702	-5.78e-008	-8.91e-008	-3.22e-009	-5.19e-009	-8.65e-008	8.00e-008
63	63	-6.05e-008	-9.64e-008	3.21e-009	4.15e-009	-6.56e-008	-4.46e-006
	703	6.05e-008	9.64e-008	-3.21e-009	-4.15e-009	-8.50e-008	-6.82e-008
64	64	-3.68e-009	3.12e-008	5.84e-010	7.26e-009	-3.22e-008	8.06e-008
	63	3.68e-009	-3.12e-008	-5.84e-010	-7.26e-009	-3.21e-008	3.35e-006
65	707	5.66e-008	3.46e-008	3.04e-009	4.25e-009	-8.06e-008	8.50e-008
	64	-5.66e-008	-3.46e-008	-3.04e-009	-4.25e-009	-6.21e-008	1.54e-006
77	702	-6.04e-008	-4.70e-007	-1.60e-008	-6.89e-008	3.63e-008	-2.10e-005
	701	6.04e-008	4.70e-007	1.60e-008	6.89e-008	8.30e-007	-4.33e-006
78	703	-2.15e-009	3.71e-007	-1.84e-009	1.12e-008	1.56e-007	2.05e-005
	702	2.15e-009	-3.71e-007	1.84e-009	-1.12e-008	5.02e-008	2.10e-005
79	700	6.60e-008	-4.47e-007	-1.42e-008	-5.70e-008	8.38e-007	-3.63e-006
	703	-6.60e-008	4.47e-007	1.42e-008	5.70e-008	-7.09e-008	-2.05e-005
80	706	5.72e-008	-3.56e-007	-1.84e-008	1.37e-008	1.53e-007	-1.67e-005
	698	-5.72e-008	3.56e-007	1.84e-008	-1.37e-008	8.40e-007	-2.47e-006
81	707	-7.80e-011	2.98e-007	1.61e-010	-6.80e-008	5.21e-008	1.66e-005
	706	7.80e-011	-2.98e-007	-1.61e-010	6.80e-008	-7.01e-008	1.67e-005
82	699	-5.86e-008	-3.58e-007	-1.61e-008	1.70e-008	8.39e-007	-2.69e-006
	707	5.86e-008	3.58e-007	1.61e-008	-1.70e-008	2.85e-008	-1.66e-005
83	710	-4.54e-008	2.87e-008	-7.82e-010	8.40e-008	8.72e-007	5.11e-006
	701	4.54e-008	-2.87e-008	7.82e-010	-8.40e-008	-8.35e-007	-3.76e-006
84	60	1.88e-008	-1.13e-007	1.79e-008	5.42e-008	-1.00e-006	-7.32e-006
	710	-1.88e-008	1.13e-007	-1.79e-008	-5.42e-008	-9.69e-007	-5.12e-006
85	698	6.61e-008	2.01e-007	-1.31e-009	-2.06e-008	-8.43e-007	2.14e-006
	60	-6.61e-008	-2.01e-007	1.31e-009	2.06e-008	9.05e-007	7.32e-006
86	58	4.92e-008	-1.17e-007	7.10e-009	7.40e-008	5.10e-007	-8.63e-006
	700	-4.92e-008	1.17e-007	-7.10e-009	-7.40e-008	-8.44e-007	3.15e-006
87	59	-4.64e-009	1.62e-007	1.10e-008	5.84e-008	-6.16e-007	9.17e-006

	58	4.64e-009	-1.62e-007	-1.10e-008	-5.84e-008	-5.96e-007	8.64e-006
88	699	-5.68e-008	-2.45e-007	6.67e-009	-2.22e-008	-8.44e-007	-2.33e-006
	59	5.68e-008	2.45e-007	-6.67e-009	2.22e-008	5.31e-007	-9.17e-006
89	708	3.89e-007	3.68e-008	5.50e-008	0.00	-1.32e-005	8.82e-006
	59	-3.89e-007	-3.68e-008	-5.50e-008	0.00	0.00	0.00
90	709	-3.40e-007	-3.41e-008	5.67e-008	0.00	-1.36e-005	-8.18e-006
	58	3.40e-007	3.41e-008	-5.67e-008	0.00	0.00	0.00
95	704	6.90e-007	6.15e-008	4.04e-008	0.00	-9.69e-006	1.48e-005
	707	-6.90e-007	-6.15e-008	-4.04e-008	0.00	0.00	0.00
96	705	-6.90e-007	6.03e-008	-2.28e-008	0.00	5.47e-006	1.45e-005
	706	6.90e-007	-6.03e-008	2.28e-008	0.00	0.00	0.00
101	142	-5.41e-007	7.53e-008	7.02e-008	0.00	-1.68e-005	1.81e-005
	699	5.41e-007	-7.53e-008	-7.02e-008	0.00	0.00	0.00
102	131	-3.22e-007	-7.06e-008	7.80e-008	0.00	-1.87e-005	-1.70e-005
	700	3.22e-007	7.06e-008	-7.80e-008	0.00	0.00	0.00

SFORZI "ACC passerella" (Fase 1)

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
11	681	3.71e-002	6.03e-002	-1.27e-004	-1.29e-002	4.18e-003	0.40
	63	-3.71e-002	-6.03e-002	1.27e-004	1.29e-002	5.80e-003	4.33
12	66	3.69e-002	4.51e-002	-2.33e-005	6.39e-003	1.07e-003	3.97
	681	-3.69e-002	-4.51e-002	2.33e-005	-6.39e-003	7.58e-004	-0.43
13	681	-3.48e-002	3.52e-002	1.33e-004	1.44e-002	-5.48e-003	-1.01
	65	3.48e-002	-3.52e-002	-1.33e-004	-1.44e-002	-4.99e-003	3.77
14	64	-3.49e-002	5.05e-002	-2.70e-005	-6.96e-003	1.58e-003	2.97
	681	3.49e-002	-5.05e-002	2.70e-005	6.96e-003	5.42e-004	0.99
15	679	3.89	-3.16e-002	3.14e-002	0.00	-5.34	-5.37
	627	-3.89	3.16e-002	-3.14e-002	0.00	1.88	1.90
16	20	3.89	-3.16e-002	3.14e-002	4.44e-016	-7.54	-7.58
	679	-3.89	3.16e-002	-3.14e-002	-4.44e-016	5.34	5.37
17	678	-3.66	-1.20e-002	-1.32e-002	0.00	2.24	-2.03
	625	3.66	1.20e-002	1.32e-002	0.00	-0.79	0.72
18	10	-3.66	-1.20e-002	-1.32e-002	0.00	3.16	-2.87
	678	3.66	1.20e-002	1.32e-002	0.00	-2.24	2.03
19	627	3.89	-3.16e-002	3.14e-002	0.00	-1.88	-1.90
	710	-3.89	3.16e-002	-3.14e-002	0.00	0.00	0.00
20	625	-3.66	-1.20e-002	-1.32e-002	0.00	0.79	-0.72
	60	3.66	1.20e-002	1.32e-002	0.00	0.00	0.00
21	138	-1.99	-5.57e-002	3.95e-002	0.00	-9.47	-13.36
	701	1.99	5.57e-002	-3.95e-002	0.00	0.00	0.00
22	134	2.07	-1.92e-002	-1.97e-002	0.00	4.73	-4.61
	698	-2.07	1.92e-002	1.97e-002	0.00	0.00	0.00
23	624	0.34	2.85e-002	7.81e-003	-1.24e-003	-0.54	3.92
	623	-0.34	-2.85e-002	-7.81e-003	1.24e-003	-0.33	-0.72
24	624	-0.22	-7.49e-002	5.93e-003	0.00	-0.59	-7.49
	703	0.22	7.49e-002	-5.93e-003	0.00	0.00	0.00
25	696	-0.19	0.27	-1.88e-003	-0.54	-0.33	25.80
	624	0.19	-0.27	1.88e-003	0.54	0.59	11.41
26	623	-0.14	0.10	2.18e-002	0.00	-2.18	10.29
	702	0.14	-0.10	-2.18e-002	0.00	0.00	0.00
27	697	-0.17	-0.24	2.96e-002	-0.33	-6.32	-22.29
	623	0.17	0.24	-2.96e-002	0.33	2.18	-11.01
28	166	-0.68	9.85e-005	6.99e-014	3.26e-003	-1.37	-8702.32

	110	0.68	224.00	-6.99e-014	-3.26e-003	1.37	-257.67
29	118	-0.68	224.00	7.06e-014	3.26e-003	-1.37	257.69
	166	0.68	-9.85e-005	-7.06e-014	-3.26e-003	1.37	8702.32
30	158	0.17	3.55e-007	7.24e-014	3.26e-003	0.30	-8957.02
	69	-0.17	224.00	-7.24e-014	-3.26e-003	-0.30	-2.98
31	74	0.17	224.00	6.75e-014	3.26e-003	0.30	2.98
	158	-0.17	-3.55e-007	-6.75e-014	-3.26e-003	-0.30	8957.02
32	153	-3.23e-002	-2.06e-008	6.58e-014	3.26e-003	-6.39e-002	-8959.97
	70	3.23e-002	224.00	-6.58e-014	-3.26e-003	6.39e-002	-3.10e-002
33	81	-3.23e-002	224.00	5.96e-014	3.26e-003	-6.39e-002	3.10e-002
	153	3.23e-002	2.06e-008	-5.96e-014	-3.26e-003	6.39e-002	8959.97
34	145	6.83e-003	2.88e-007	4.40e-014	3.26e-003	1.37e-002	-8960.00
	73	-6.83e-003	224.00	-4.40e-014	-3.26e-003	-1.37e-002	-3.00e-004
35	89	6.83e-003	224.00	4.60e-014	3.26e-003	1.37e-002	3.46e-004
	145	-6.83e-003	-2.88e-007	-4.60e-014	-3.26e-003	-1.37e-002	8960.00
36	136	-1.15e-003	7.70e-005	3.37e-014	3.27e-003	-5.04e-003	-8960.00
	97	1.15e-003	224.00	-3.37e-014	-3.27e-003	5.04e-003	6.16e-003
37	105	-1.15e-003	224.00	2.77e-014	3.27e-003	-5.04e-003	6.16e-003
	136	1.15e-003	-7.70e-005	-2.77e-014	-3.27e-003	5.04e-003	8960.00
38	118	1.82e-012	336.00	0.15	-3.02	-7.97	-9807.00
	74	-1.82e-012	-336.00	-0.15	3.02	-1.90	32524.80
39	579	3.64e-012	560.00	-0.53	-260.70	0.00	0.00
	118	-3.64e-012	-560.00	0.53	260.70	9.34	9807.00
40	110	3.18e-012	336.00	-0.15	3.00	7.97	-9807.00
	69	-3.18e-012	-336.00	0.15	-3.00	1.90	32524.80
41	516	1.82e-012	560.00	0.53	260.68	0.00	0.00
	110	-1.82e-012	-560.00	-0.53	-260.68	-9.34	9807.00
42	105	1.82e-012	-560.00	-3.95e-014	5.68e-014	6.63e-013	-9807.00
	68	-1.82e-012	560.00	3.95e-014	-5.68e-014	-2.66e-013	0.00
43	89	2.27e-012	-336.00	-1.15e-003	-6.16e-003	7.29e-002	-32524.80
	105	-2.27e-012	336.00	1.15e-003	6.16e-003	5.04e-003	9807.00
44	97	1.82e-012	-560.00	-2.44e-015	-5.68e-014	3.48e-013	-9807.00
	67	-1.82e-012	560.00	2.44e-015	5.68e-014	-4.41e-013	0.00
45	73	2.73e-012	-336.00	1.15e-003	-6.16e-003	-7.29e-002	-32524.80
	97	-2.73e-012	336.00	-1.15e-003	6.16e-003	-5.04e-003	9807.00
46	81	1.82e-012	-112.00	5.67e-003	-6.51e-003	-0.34	-40938.80
	89	-1.82e-012	112.00	-5.67e-003	6.51e-003	-8.66e-002	32524.80
47	74	2.73e-012	112.00	-2.67e-002	-3.75e-002	1.60	-32524.80
	81	-2.73e-012	-112.00	2.67e-002	3.75e-002	0.40	40938.80
48	70	2.73e-012	-112.00	-5.67e-003	-5.86e-003	0.34	-40938.80
	73	-2.73e-012	112.00	5.67e-003	5.86e-003	8.66e-002	32524.80
49	69	3.18e-012	112.00	2.67e-002	2.52e-002	-1.60	-32524.80
	70	-3.18e-012	-112.00	-2.67e-002	-2.52e-002	-0.40	40938.80
50	63	3.13e-002	-0.15	-2.10e-005	-1.69e-002	-4.42e-004	1.02
	700	-3.13e-002	0.15	2.10e-005	1.69e-002	1.95e-003	-11.40
51	698	1.94e-002	-0.17	-8.99e-006	1.54e-002	7.53e-004	-15.37
	66	-1.94e-002	0.17	8.99e-006	-1.54e-002	-1.09e-004	3.04
52	65	-2.67e-002	-0.17	9.98e-005	2.00e-002	-2.75e-003	2.50
	701	2.67e-002	0.17	-9.98e-005	-2.00e-002	-4.40e-003	-14.82
53	699	-3.26e-002	-0.14	4.56e-005	-1.51e-002	-1.37e-003	-12.50
	64	3.26e-002	0.14	-4.56e-005	1.51e-002	-1.89e-003	2.82
54	65	2.33e-002	-0.26	4.36e-004	-1.38e-003	-9.74e-003	-13.68
	710	-2.33e-002	0.26	-4.36e-004	1.38e-003	-1.38e-002	-0.31

55	63	2.72e-002	1.02e-002	5.26e-005	3.05e-004	-2.55e-003	-7.93
	65	-2.72e-002	-1.02e-002	-5.26e-005	-3.05e-004	-3.34e-003	9.07
56	58	3.01e-002	0.22	5.61e-004	3.13e-003	-1.61e-002	0.25
	63	-3.01e-002	-0.22	-5.61e-004	-3.13e-003	-1.41e-002	11.81
57	66	1.53e-002	0.18	3.10e-004	-1.42e-003	-8.13e-003	9.36
	60	-1.53e-002	-0.18	-3.10e-004	1.42e-003	-8.60e-003	0.31
58	64	3.89e-003	8.40e-003	4.58e-005	-1.54e-003	-2.31e-003	5.16
	66	-3.89e-003	-8.40e-003	-4.58e-005	1.54e-003	-2.82e-003	-4.21
59	59	3.91e-003	-0.18	6.89e-004	1.04e-003	-2.11e-002	-0.27
	64	-3.91e-003	0.18	-6.89e-004	-1.04e-003	-1.62e-002	-9.42
60	706	-6.44e-003	0.14	-3.55e-004	-1.17e-002	9.68e-003	-0.19
	66	6.44e-003	-0.14	3.55e-004	1.17e-002	6.99e-003	6.89
61	66	-1.93e-002	-0.25	-5.58e-005	1.53e-002	3.00e-003	-11.67
	65	1.93e-002	0.25	5.58e-005	-1.53e-002	3.13e-003	-15.32
62	65	-2.58e-002	0.23	-8.04e-004	-1.27e-002	1.77e-002	11.03
	702	2.58e-002	-0.23	8.04e-004	1.27e-002	2.01e-002	-0.17
63	63	-3.73e-003	0.20	-2.27e-004	9.32e-003	3.36e-003	9.41
	703	3.73e-003	-0.20	2.27e-004	-9.32e-003	7.30e-003	-0.14
64	64	-8.58e-003	-0.22	-1.41e-004	-1.31e-002	7.56e-003	-11.23
	63	8.58e-003	0.22	1.41e-004	1.31e-002	7.98e-003	-13.11
65	707	-1.10e-002	0.15	-5.44e-004	1.21e-002	1.43e-002	-0.14
	64	1.10e-002	-0.15	5.44e-004	-1.21e-002	1.12e-002	7.30
77	702	8.32e-002	7.76e-002	3.97e-003	0.18	2.23e-002	-7.10
	701	-8.32e-002	-7.76e-002	-3.97e-003	-0.18	-0.24	11.29
78	703	-1.89e-002	-1.63e-002	-1.30e-005	7.20e-003	4.39e-002	-8.93
	702	1.89e-002	1.63e-002	1.30e-005	-7.20e-003	-4.24e-002	7.11
79	700	5.63e-002	4.60e-003	2.18e-003	-0.14	-6.67e-002	-8.67
	703	-5.63e-002	-4.60e-003	-2.18e-003	0.14	-5.12e-002	8.92
80	706	2.06e-003	-0.30	2.92e-003	0.18	-4.24e-002	-4.25
	698	-2.06e-003	0.30	-2.92e-003	-0.18	-0.12	-11.70
81	707	1.05e-002	7.47e-002	-9.53e-004	-1.18e-002	7.41e-002	4.13
	706	-1.05e-002	-7.47e-002	9.53e-004	1.18e-002	3.27e-002	4.24
82	699	1.68e-002	0.10	5.54e-003	-0.15	-0.21	9.52
	707	-1.68e-002	-0.10	-5.54e-003	0.15	-8.84e-002	-4.12
83	710	-1.79e-002	2.09	-7.44e-003	-0.12	0.11	88.25
	701	1.79e-002	-2.09	7.44e-003	0.12	0.24	9.92
84	60	-4.89e-002	-1.54	8.14e-004	0.19	5.34e-003	-81.16
	710	4.89e-002	1.54	-8.14e-004	-0.19	-9.48e-002	-88.26
85	698	-3.54e-002	1.95	-2.50e-003	-0.12	0.11	10.28
	60	3.54e-002	-1.95	2.50e-003	0.12	3.26e-003	81.16
86	58	-2.99e-002	1.73	4.84e-003	8.52e-002	-0.29	73.57
	700	2.99e-002	-1.73	-4.84e-003	-8.52e-002	6.48e-002	7.63
87	59	-3.86e-003	-1.32	-4.59e-003	-0.17	0.20	-71.80
	58	3.86e-003	1.32	4.59e-003	0.17	0.31	-73.57
88	699	2.10e-002	1.71	-7.76e-004	0.10	0.21	8.37
	59	-2.10e-002	-1.71	7.76e-004	-0.10	-0.18	71.80
89	708	-3.21	9.70e-005	-2.56e-002	0.00	6.14	2.33e-002
	59	3.21	-9.70e-005	2.56e-002	0.00	0.00	0.00
90	709	3.27	3.95e-002	-2.66e-002	0.00	6.37	9.48
	58	-3.27	-3.95e-002	2.66e-002	0.00	0.00	0.00
95	704	0.13	-6.82e-003	-4.46e-003	0.00	1.07	-1.64
	707	-0.13	6.82e-003	4.46e-003	0.00	0.00	0.00
96	705	-0.23	-8.83e-003	-1.03e-002	0.00	2.48	-2.12

	706	0.23	8.83e-003	1.03e-002	0.00	0.00	0.00
101	142	1.67	-8.51e-003	-5.94e-003	0.00	1.42	-2.04
	699	-1.67	8.51e-003	5.94e-003	0.00	0.00	0.00
102	131	-1.58	7.51e-002	7.13e-003	0.00	-1.71	18.02
	700	1.58	-7.51e-002	-7.13e-003	0.00	0.00	0.00

SFORZI "Neve" (Fase 1)

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
11	681	0.11	9.28e-002	9.41e-004	0.29	-1.70e-002	-763.47
	63	-0.11	-9.28e-002	-9.41e-004	-0.29	-5.68e-002	770.75
12	66	0.11	9.09e-002	-1.02e-004	0.29	8.69e-003	-756.32
	681	-0.11	-9.09e-002	1.02e-004	-0.29	-6.98e-004	763.46
13	681	0.13	7.56e-002	-9.30e-004	-0.29	1.66e-002	-763.71
	65	-0.13	-7.56e-002	9.30e-004	0.29	5.64e-002	769.65
14	64	0.13	7.75e-002	1.16e-004	-0.29	-1.02e-002	-757.62
	681	-0.13	-7.75e-002	-1.16e-004	0.29	1.09e-003	763.70
15	679	59.35	-8.46e-002	-1.03e-002	0.00	1.75	-14.38
	627	-59.35	8.46e-002	1.03e-002	0.00	-0.62	5.08
16	20	59.35	-8.46e-002	-1.03e-002	-5.55e-017	2.48	-20.31
	679	-59.35	8.46e-002	1.03e-002	5.55e-017	-1.75	14.38
17	678	59.56	-1.87e-002	7.15e-003	0.00	-1.22	-3.19
	625	-59.56	1.87e-002	-7.15e-003	0.00	0.43	1.12
18	10	59.56	-1.87e-002	7.15e-003	-2.78e-017	-1.72	-4.50
	678	-59.56	1.87e-002	-7.15e-003	2.78e-017	1.22	3.19
19	627	59.35	-8.46e-002	-1.03e-002	0.00	0.62	-5.08
	710	-59.35	8.46e-002	1.03e-002	0.00	0.00	0.00
20	625	59.56	-1.87e-002	7.15e-003	0.00	-0.43	-1.12
	60	-59.56	1.87e-002	-7.15e-003	0.00	0.00	0.00
21	138	-15.95	-0.14	-3.91e-002	0.00	9.38	-34.64
	701	15.95	0.14	3.91e-002	0.00	0.00	0.00
22	134	-17.23	-4.04e-002	3.06e-002	0.00	-7.35	-9.69
	698	17.23	4.04e-002	-3.06e-002	0.00	0.00	0.00
23	624	1.15	47.58	4.99e-003	-3.23e-004	-0.29	793.10
	623	-1.15	47.62	-4.99e-003	3.23e-004	-0.27	-795.03
24	624	49.34	3.75	-2.79e-002	0.00	2.79	375.13
	703	-49.34	-3.75	2.79e-002	0.00	0.00	0.00
25	696	96.92	4.91	-3.28e-002	-0.29	7.38	268.88
	624	-96.92	-4.91	3.28e-002	0.29	-2.78	417.96
26	623	49.38	-3.76	-1.97e-002	0.00	1.97	-376.43
	702	-49.38	3.76	1.97e-002	0.00	0.00	0.00
27	697	97.00	-4.92	-1.47e-002	-0.27	4.02	-270.05
	623	-97.00	4.92	1.47e-002	0.27	-1.97	-418.61
28	166	-9.25e-002	5.85e-005	2.07e-014	1.80e-003	-0.19	-5.46e-002
	110	9.25e-002	-5.85e-005	-2.07e-014	-1.80e-003	0.19	5.92e-002
29	118	-9.25e-002	5.85e-005	2.09e-014	1.80e-003	-0.19	-4.99e-002
	166	9.25e-002	-5.85e-005	-2.09e-014	-1.80e-003	0.19	5.46e-002
30	158	2.35e-002	2.11e-007	2.01e-014	1.80e-003	4.13e-002	-6.31e-004
	69	-2.35e-002	-2.11e-007	-2.01e-014	-1.80e-003	-4.13e-002	6.48e-004
31	74	2.35e-002	2.11e-007	2.00e-014	1.80e-003	4.13e-002	-6.14e-004
	158	-2.35e-002	-2.11e-007	-2.00e-014	-1.80e-003	-4.13e-002	6.31e-004
32	153	-4.40e-003	-1.19e-008	1.54e-014	1.80e-003	-8.70e-003	-6.57e-006
	70	4.40e-003	1.19e-008	-1.54e-014	-1.80e-003	8.70e-003	5.62e-006
33	81	-4.40e-003	-1.19e-008	1.57e-014	1.80e-003	-8.70e-003	-7.52e-006

	153	4.40e-003	1.19e-008	-1.57e-014	-1.80e-003	8.70e-003	6.57e-006
34	145	9.30e-004	1.58e-007	1.05e-014	1.80e-003	1.87e-003	-6.83e-008
	73	-9.30e-004	-1.58e-007	-1.05e-014	-1.80e-003	-1.87e-003	1.27e-005
35	89	9.30e-004	1.58e-007	9.99e-015	1.80e-003	1.87e-003	1.26e-005
	145	-9.30e-004	-1.58e-007	-9.99e-015	-1.80e-003	-1.87e-003	6.83e-008
36	136	-1.57e-004	4.24e-005	6.64e-015	1.80e-003	-6.86e-004	-7.98e-010
	97	1.57e-004	-4.24e-005	-6.64e-015	-1.80e-003	6.86e-004	3.39e-003
37	105	-1.57e-004	4.24e-005	6.75e-015	1.80e-003	-6.86e-004	3.39e-003
	136	1.57e-004	-4.24e-005	-6.75e-015	-1.80e-003	6.86e-004	7.98e-010
38	118	-1.85e-013	-2.87e-005	1.99e-002	-2.79e-003	-1.08	-2.32e-003
	74	1.85e-013	2.87e-005	-1.99e-002	2.79e-003	-0.26	3.75e-004
39	579	-1.14e-013	2.98e-005	-7.26e-002	4.71e-002	0.00	0.00
	118	1.14e-013	-2.98e-005	7.26e-002	-4.71e-002	1.27	5.22e-004
40	110	-1.14e-013	2.87e-005	-1.99e-002	-4.06e-003	1.08	2.32e-003
	69	1.14e-013	-2.87e-005	1.99e-002	4.06e-003	0.26	-3.75e-004
41	516	-1.14e-013	-2.98e-005	7.26e-002	-6.33e-002	0.00	0.00
	110	1.14e-013	2.98e-005	-7.26e-002	6.33e-002	-1.27	-5.22e-004
42	105	-5.68e-014	-7.15e-005	4.33e-015	-8.67e-019	2.04e-014	-1.25e-003
	68	5.68e-014	7.15e-005	-4.33e-015	8.67e-019	-1.30e-013	0.00
43	89	-9.95e-014	-2.91e-005	-1.57e-004	-3.39e-003	9.93e-003	-1.42e-003
	105	9.95e-014	2.91e-005	1.57e-004	3.39e-003	6.86e-004	-5.46e-004
44	97	0.00	7.15e-005	-4.55e-015	-8.67e-019	7.37e-014	1.25e-003
	67	0.00	-7.15e-005	4.55e-015	8.67e-019	-7.99e-014	1.71e-013
45	73	-1.14e-013	2.91e-005	1.57e-004	-3.39e-003	-9.93e-003	1.42e-003
	97	1.14e-013	-2.91e-005	-1.57e-004	3.39e-003	-6.86e-004	5.46e-004
46	81	-1.28e-013	-2.89e-005	7.73e-004	-3.41e-003	-4.62e-002	-1.80e-003
	89	1.28e-013	2.89e-005	-7.73e-004	3.41e-003	-1.18e-002	-3.78e-004
47	74	-1.14e-013	-2.90e-005	-3.63e-003	-3.40e-003	0.22	-2.17e-003
	81	1.14e-013	2.90e-005	3.63e-003	3.40e-003	5.49e-002	-1.93e-006
48	70	-9.95e-014	2.89e-005	-7.73e-004	-3.41e-003	4.62e-002	1.80e-003
	73	9.95e-014	-2.89e-005	7.73e-004	3.41e-003	1.18e-002	3.78e-004
49	69	-9.95e-014	2.90e-005	3.63e-003	-3.41e-003	-0.22	2.17e-003
	70	9.95e-014	-2.90e-005	-3.63e-003	3.41e-003	-5.49e-002	1.93e-006
50	63	0.20	-17.02	-2.43e-004	-0.44	1.48e-002	-14.31
	700	-0.20	17.02	2.43e-004	0.44	2.62e-003	-1204.24
51	698	0.15	17.01	2.62e-004	-0.44	-6.56e-003	1222.83
	66	-0.15	-17.01	-2.62e-004	0.44	-1.22e-002	-4.81
52	65	0.22	-17.02	2.40e-004	0.44	-1.44e-002	-12.80
	701	-0.22	17.02	-2.40e-004	-0.44	-2.76e-003	-1206.00
53	699	0.17	17.02	-3.00e-004	0.43	7.47e-003	1221.51
	64	-0.17	-17.02	3.00e-004	-0.43	1.40e-002	-3.33
54	65	0.18	-22.08	-7.08e-004	1.88	1.89e-002	-1175.47
	710	-0.18	22.08	7.08e-004	-1.88	1.94e-002	-16.89
55	63	0.26	3.99e-003	-2.24e-005	8.57e-004	-2.67e-002	-634.46
	65	-0.26	-3.99e-003	2.24e-005	-8.57e-004	2.92e-002	634.90
56	58	0.17	22.07	3.15e-004	-1.88	-7.57e-003	16.87
	63	-0.17	-22.07	-3.15e-004	1.88	-9.41e-003	1174.67
57	66	1.20e-002	-21.96	3.00e-003	-1.92	-7.44e-002	-1168.94
	60	-1.20e-002	21.96	-3.00e-003	1.92	-8.74e-002	-16.94
58	64	5.09e-002	1.05e-002	-3.66e-006	-1.43e-003	-7.04e-003	-623.41
	66	-5.09e-002	-1.05e-002	3.66e-006	1.43e-003	7.45e-003	624.59
59	59	1.81e-002	21.93	-3.27e-003	1.91	0.10	16.92
	64	-1.81e-002	-21.93	3.27e-003	-1.91	8.11e-002	1167.57

60	706	4.96e-002	32.45	-2.06e-003	1.63	5.51e-002	17.09
	66	-4.96e-002	0.45	2.06e-003	-1.63	4.20e-002	734.96
61	66	7.73e-002	38.45	-7.16e-004	1.16e-002	2.85e-002	-199.39
	65	-7.73e-002	38.55	7.16e-004	-1.16e-002	5.03e-002	193.36
62	65	2.24e-002	0.63	6.44e-003	-1.60	-0.14	-726.67
	702	-2.24e-002	32.27	-6.44e-003	1.60	-0.16	-16.84
63	63	2.60e-002	0.62	-6.03e-003	1.60	0.13	-727.32
	703	-2.60e-002	32.28	6.03e-003	-1.60	0.15	-16.83
64	64	8.58e-002	38.44	7.95e-004	-1.15e-002	-3.35e-002	-200.71
	63	-8.58e-002	38.56	-7.95e-004	1.15e-002	-5.39e-002	194.23
65	707	6.52e-002	32.48	2.20e-003	-1.62	-5.89e-002	17.09
	64	-6.52e-002	0.42	-2.20e-003	1.62	-4.44e-002	736.23
77	702	-9.37e-002	17.10	-2.30e-003	16.85	-0.98	-2.63
	701	9.37e-002	-17.10	2.30e-003	-16.85	1.10	926.19
78	703	3.66	-8.45e-003	4.21e-004	7.96e-003	-1.19	-5.17
	702	-3.66	8.45e-003	-4.21e-004	-7.96e-003	1.14	4.22
79	700	-8.11e-002	-17.06	-1.41e-003	-16.82	-0.96	-924.84
	703	8.11e-002	17.06	1.41e-003	16.82	1.04	3.57
80	706	-8.99e-002	18.09	3.57e-002	-17.10	-0.84	37.52
	698	8.99e-002	-18.09	-3.57e-002	17.10	-1.08	939.14
81	707	-5.65e-002	2.22e-002	-4.39e-005	-1.38e-002	-0.78	38.38
	706	5.65e-002	-2.22e-002	4.39e-005	1.38e-002	0.79	-35.90
82	699	-9.29e-002	-18.11	-3.57e-002	17.08	1.08	-938.13
	707	9.29e-002	18.11	3.57e-002	-17.08	0.84	-40.00
83	710	-0.11	25.74	6.90e-002	-16.79	-2.14	169.07
	701	0.11	-15.87	-6.90e-002	16.79	-1.10	808.95
84	60	-0.10	11.57	-2.30e-002	0.10	0.41	169.38
	710	0.10	11.53	2.30e-002	-0.10	2.12	-167.19
85	698	-0.10	-16.16	-1.63e-002	17.04	1.09	-820.25
	60	0.10	26.03	1.63e-002	-17.04	-0.32	-171.30
86	58	-7.79e-002	25.63	-6.73e-002	16.76	2.20	164.80
	700	7.79e-002	-15.76	6.73e-002	-16.76	0.96	807.77
87	59	-3.56e-002	11.56	2.54e-002	-0.11	-0.60	164.40
	58	3.56e-002	11.54	-2.54e-002	0.11	-2.20	-162.92
88	699	-8.29e-002	-16.04	1.26e-002	-17.02	-1.09	-819.35
	59	8.29e-002	25.91	-1.26e-002	17.02	0.50	-166.32
89	708	59.41	3.09e-002	5.05e-002	0.00	-12.12	7.42
	59	-59.41	-3.09e-002	-5.05e-002	0.00	0.00	0.00
90	709	59.23	8.06e-002	-4.26e-002	0.00	10.22	19.34
	58	-59.23	-8.06e-002	4.26e-002	0.00	0.00	0.00
95	704	50.61	3.85e-002	2.96e-002	0.00	-7.09	9.24
	707	-50.61	-3.85e-002	-2.96e-002	0.00	0.00	0.00
96	705	50.52	-3.54e-002	1.39e-002	0.00	-3.34	-8.49
	706	-50.52	3.54e-002	-1.39e-002	0.00	0.00	0.00
101	142	-17.13	4.56e-002	6.28e-002	0.00	-15.06	10.94
	699	17.13	-4.56e-002	-6.28e-002	0.00	0.00	0.00
102	131	-15.80	0.14	-5.50e-002	0.00	13.21	33.80
	700	15.80	-0.14	5.50e-002	0.00	0.00	0.00

SFORZI "Pensilina" (Fase 1)

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
11	681	5.42e-002	4.38e-002	6.22e-004	-8.79e-003	-1.21e-002	-1.25
	63	-5.42e-002	-4.38e-002	-6.22e-004	8.79e-003	-3.67e-002	4.69

12	66	5.49e-002	4.39e-002	-6.63e-005	-3.71e-003	5.67e-003	2.21
	681	-5.49e-002	-4.39e-002	6.63e-005	3.71e-003	-4.68e-004	1.24
13	681	6.26e-002	4.35e-002	-6.23e-004	8.78e-003	1.22e-002	-1.28
	65	-6.26e-002	-4.35e-002	6.23e-004	-8.78e-003	3.67e-002	4.69
14	64	6.33e-002	4.35e-002	7.24e-005	3.66e-003	-6.04e-003	2.14
	681	-6.33e-002	-4.35e-002	-7.24e-005	-3.66e-003	3.56e-004	1.27
15	679	0.10	-1.72e-002	2.22e-004	2.78e-017	-3.78e-002	-2.93
	627	-0.10	1.72e-002	-2.22e-004	-2.78e-017	1.33e-002	1.03
16	20	0.10	-1.72e-002	2.22e-004	5.55e-017	-5.33e-002	-4.13
	679	-0.10	1.72e-002	-2.22e-004	-5.55e-017	3.78e-002	2.93
17	678	-4.92e-002	5.30e-004	-1.82e-003	0.00	0.31	9.01e-002
	625	4.92e-002	-5.30e-004	1.82e-003	0.00	-0.11	-3.18e-002
18	10	-4.92e-002	5.30e-004	-1.82e-003	1.39e-017	0.44	0.13
	678	4.92e-002	-5.30e-004	1.82e-003	-1.39e-017	-0.31	-9.01e-002
19	627	0.10	-1.72e-002	2.22e-004	0.00	-1.33e-002	-1.03
	710	-0.10	1.72e-002	-2.22e-004	0.00	0.00	0.00
20	625	-4.92e-002	5.30e-004	-1.82e-003	0.00	0.11	3.18e-002
	60	4.92e-002	-5.30e-004	1.82e-003	0.00	0.00	0.00
21	138	0.53	-2.88e-002	-2.46e-004	0.00	5.91e-002	-6.92
	701	-0.53	2.88e-002	2.46e-004	0.00	0.00	0.00
22	134	5.88e-004	4.64e-004	-2.48e-003	0.00	0.59	0.11
	698	-5.88e-004	-4.64e-004	2.48e-003	0.00	0.00	0.00
23	624	0.25	28.00	-1.22e-005	1.41e-004	-6.92e-003	464.00
	623	-0.25	28.00	1.22e-005	-1.41e-004	8.29e-003	-464.52
24	624	-0.59	2.32	7.09e-004	0.00	-7.09e-002	231.72
	703	0.59	-2.32	-7.09e-004	0.00	0.00	0.00
25	696	27.40	2.56	7.22e-004	-6.92e-003	-0.17	126.77
	624	-27.40	-2.56	-7.22e-004	6.92e-003	7.08e-002	232.28
26	623	-0.59	-2.32	-4.03e-004	0.00	4.03e-002	-232.10
	702	0.59	2.32	4.03e-004	0.00	0.00	0.00
27	697	27.42	-2.57	-4.16e-004	8.29e-003	0.10	-127.16
	623	-27.42	2.57	4.16e-004	-8.29e-003	-4.02e-002	-232.43
28	166	-4.59e-002	4.25e-006	5.42e-015	2.67e-004	-9.27e-002	-1.05e-002
	110	4.59e-002	-4.25e-006	-5.42e-015	-2.67e-004	9.27e-002	1.09e-002
29	118	-4.59e-002	4.25e-006	5.39e-015	2.67e-004	-9.27e-002	-1.02e-002
	166	4.59e-002	-4.25e-006	-5.39e-015	-2.67e-004	9.27e-002	1.05e-002
30	158	1.17e-002	1.48e-008	5.45e-015	2.67e-004	2.05e-002	-1.22e-004
	69	-1.17e-002	-1.48e-008	-5.45e-015	-2.67e-004	-2.05e-002	1.23e-004
31	74	1.17e-002	1.48e-008	5.44e-015	2.67e-004	2.05e-002	-1.21e-004
	158	-1.17e-002	-1.48e-008	-5.44e-015	-2.67e-004	-2.05e-002	1.22e-004
32	153	-2.19e-003	-1.24e-009	4.53e-015	2.67e-004	-4.32e-003	-1.27e-006
	70	2.19e-003	1.24e-009	-4.53e-015	-2.67e-004	4.32e-003	1.17e-006
33	81	-2.19e-003	-1.24e-009	4.59e-015	2.67e-004	-4.32e-003	-1.37e-006
	153	2.19e-003	1.24e-009	-4.59e-015	-2.67e-004	4.32e-003	1.27e-006
34	145	4.61e-004	2.38e-008	3.20e-015	2.67e-004	9.26e-004	-1.32e-008
	73	-4.61e-004	-2.38e-008	-3.20e-015	-2.67e-004	-9.26e-004	1.91e-006
35	89	4.61e-004	2.38e-008	3.15e-015	2.67e-004	9.26e-004	1.89e-006
	145	-4.61e-004	-2.38e-008	-3.15e-015	-2.67e-004	-9.26e-004	1.32e-008
36	136	-7.79e-005	6.29e-006	2.15e-015	2.67e-004	-3.41e-004	-1.54e-010
	97	7.79e-005	-6.29e-006	-2.15e-015	-2.67e-004	3.41e-004	5.03e-004
37	105	-7.79e-005	6.29e-006	2.17e-015	2.67e-004	-3.41e-004	5.03e-004
	136	7.79e-005	-6.29e-006	-2.17e-015	-2.67e-004	3.41e-004	1.54e-010
38	118	-2.49e-014	-4.03e-006	9.86e-003	-3.83e-004	-0.54	-2.70e-004

	74	2.49e-014	4.03e-006	-9.86e-003	3.83e-004	-0.13	-2.30e-006
39	579	-4.26e-014	2.15e-007	-3.60e-002	9.81e-003	0.00	0.00
	118	4.26e-014	-2.15e-007	3.60e-002	-9.81e-003	0.63	3.76e-006
40	110	3.55e-015	4.03e-006	-9.86e-003	-6.29e-004	0.54	2.70e-004
	69	-3.55e-015	-4.03e-006	9.86e-003	6.29e-004	0.13	2.30e-006
41	516	7.11e-015	-2.15e-007	3.60e-002	-1.15e-002	0.00	0.00
	110	-7.11e-015	2.15e-007	-3.60e-002	1.15e-002	-0.63	-3.76e-006
42	105	-7.11e-015	-1.04e-005	3.47e-017	-1.08e-019	3.73e-014	-1.81e-004
	68	7.11e-015	1.04e-005	-3.47e-017	1.08e-019	-1.07e-014	2.84e-014
43	89	-1.07e-014	-4.07e-006	-7.79e-005	-5.03e-004	4.93e-003	-1.90e-004
	105	1.07e-014	4.07e-006	7.79e-005	5.03e-004	3.41e-004	-8.53e-005
44	97	-7.11e-015	1.04e-005	-2.52e-015	-1.08e-019	5.60e-014	1.81e-004
	67	7.11e-015	-1.04e-005	2.52e-015	1.08e-019	-1.67e-015	-1.42e-014
45	73	-7.11e-015	4.07e-006	7.79e-005	-5.03e-004	-4.93e-003	1.90e-004
	97	7.11e-015	-4.07e-006	-7.79e-005	5.03e-004	-3.41e-004	8.53e-005
46	81	-1.42e-014	-4.04e-006	3.83e-004	-5.05e-004	-2.29e-002	-2.27e-004
	89	1.42e-014	4.04e-006	-3.83e-004	5.05e-004	-5.85e-003	-7.69e-005
47	74	-2.13e-014	-4.05e-006	-1.80e-003	-5.04e-004	0.11	-2.64e-004
	81	2.13e-014	4.05e-006	1.80e-003	5.04e-004	2.73e-002	-3.97e-005
48	70	-5.33e-015	4.04e-006	-3.83e-004	-5.05e-004	2.29e-002	2.27e-004
	73	5.33e-015	-4.04e-006	3.83e-004	5.05e-004	5.85e-003	7.69e-005
49	69	0.00	4.05e-006	1.80e-003	-5.06e-004	-0.11	2.64e-004
	70	0.00	-4.05e-006	-1.80e-003	5.06e-004	-2.73e-002	3.97e-005
50	63	0.12	-8.95e-003	-1.24e-004	-3.75e-003	8.53e-003	-6.99
	700	-0.12	8.95e-003	1.24e-004	3.75e-003	3.14e-004	6.35
51	698	8.53e-002	-6.18e-003	1.67e-004	-7.87e-004	-4.26e-003	1.23
	66	-8.53e-002	6.18e-003	-1.67e-004	7.87e-004	-7.71e-003	-1.67
52	65	0.12	-8.94e-003	1.17e-004	3.71e-003	-8.27e-003	-6.99
	701	-0.12	8.94e-003	-1.17e-004	-3.71e-003	-1.15e-004	6.35
53	699	9.05e-002	-6.52e-003	-1.74e-004	6.76e-004	4.38e-003	1.11
	64	-9.05e-002	6.52e-003	1.74e-004	-6.76e-004	8.06e-003	-1.57
54	65	8.00e-002	-9.38e-002	-3.99e-004	-1.18e-002	1.03e-002	-5.10
	710	-8.00e-002	9.38e-002	3.99e-004	1.18e-002	1.13e-002	3.65e-002
55	63	0.13	-2.65e-004	-7.84e-006	-2.54e-005	-1.68e-002	-7.06
	65	-0.13	2.65e-004	7.84e-006	2.54e-005	1.76e-002	7.03
56	58	7.90e-002	9.43e-002	2.86e-004	1.18e-002	-7.87e-003	-3.65e-002
	63	-7.90e-002	-9.43e-002	-2.86e-004	-1.18e-002	-7.57e-003	5.13
57	66	-7.67e-003	-1.70e-002	1.91e-003	-4.82e-003	-4.70e-002	-0.95
	60	7.67e-003	1.70e-002	-1.91e-003	4.82e-003	-5.64e-002	3.12e-002
58	64	1.82e-002	3.69e-004	-4.39e-006	-7.31e-005	-4.14e-003	-1.23
	66	-1.82e-002	-3.69e-004	4.39e-006	7.31e-005	4.64e-003	1.27
59	59	-5.63e-003	1.58e-002	-2.01e-003	4.65e-003	5.90e-002	-3.28e-002
	64	5.63e-003	-1.58e-002	2.01e-003	-4.65e-003	4.93e-002	0.89
60	706	2.11e-002	-3.67e-003	-1.26e-003	3.31e-003	3.38e-002	2.19e-002
	66	-2.11e-002	3.67e-003	1.26e-003	-3.31e-003	2.54e-002	-0.19
61	66	4.08e-002	-3.64e-002	-4.65e-004	6.28e-003	1.91e-002	-0.25
	65	-4.08e-002	3.64e-002	4.65e-004	-6.28e-003	3.21e-002	-3.75
62	65	3.25e-003	0.11	4.05e-003	9.79e-003	-8.85e-002	5.06
	702	-3.25e-003	-0.11	-4.05e-003	-9.79e-003	-0.10	9.11e-002
63	63	1.57e-003	0.11	-3.92e-003	-9.75e-003	8.58e-002	5.09
	703	-1.57e-003	-0.11	3.92e-003	9.75e-003	0.10	9.15e-002
64	64	4.06e-002	-3.72e-002	4.88e-004	-6.24e-003	-2.03e-002	-0.32
	63	-4.06e-002	3.72e-002	-4.88e-004	6.24e-003	-3.33e-002	-3.77

65	707	2.33e-002	-2.60e-003	1.33e-003	-3.10e-003	-3.58e-002	2.14e-002
	64	-2.33e-002	2.60e-003	-1.33e-003	3.10e-003	-2.68e-002	-0.14
77	702	-0.11	-0.48	-2.88e-003	-9.14e-002	-0.60	-21.04
	701	0.11	0.48	2.88e-003	9.14e-002	0.76	-4.89
78	703	2.21	-1.09e-003	-3.55e-005	-2.51e-004	-0.70	-21.15
	702	-2.21	1.09e-003	3.55e-005	2.51e-004	0.71	21.03
79	700	-0.11	0.48	2.24e-003	9.12e-002	-0.73	4.89
	703	0.11	-0.48	-2.24e-003	-9.12e-002	0.60	21.16
80	706	-7.36e-002	1.85e-002	2.23e-002	-2.26e-002	-0.52	4.47e-002
	698	7.36e-002	-1.85e-002	-2.23e-002	2.26e-002	-0.69	0.95
81	707	-7.54e-002	-2.11e-006	1.45e-005	-6.64e-004	-0.49	4.11e-002
	706	7.54e-002	2.11e-006	-1.45e-005	6.64e-004	0.49	-4.14e-002
82	699	-7.49e-002	-1.67e-002	-2.27e-002	2.07e-002	0.70	-0.86
	707	7.49e-002	1.67e-002	2.27e-002	-2.07e-002	0.52	-4.42e-002
83	710	-8.40e-002	-3.78e-002	4.68e-002	9.49e-002	-1.44	2.48
	701	8.40e-002	3.78e-002	-4.68e-002	-9.49e-002	-0.76	-4.26
84	60	-8.47e-002	-4.10e-002	-1.60e-002	5.85e-002	0.33	-2.02
	710	8.47e-002	4.10e-002	1.60e-002	-5.85e-002	1.43	-2.49
85	698	-8.09e-002	2.52e-002	-8.84e-003	2.73e-002	0.69	-0.83
	60	8.09e-002	-2.52e-002	8.84e-003	-2.73e-002	-0.27	2.01
86	58	-8.12e-002	-3.51e-002	-4.65e-002	-9.50e-002	1.46	2.61
	700	8.12e-002	3.51e-002	4.65e-002	9.50e-002	0.72	-4.26
87	59	-8.19e-002	-4.56e-002	1.66e-002	-5.85e-002	-0.37	-2.40
	58	8.19e-002	4.56e-002	-1.66e-002	5.85e-002	-1.45	-2.62
88	699	-8.05e-002	3.51e-002	8.40e-003	-2.57e-002	-0.71	-0.75
	59	8.05e-002	-3.51e-002	-8.40e-003	2.57e-002	0.31	2.40
89	708	-6.49e-002	2.54e-003	6.23e-004	0.00	-0.15	0.61
	59	6.49e-002	-2.54e-003	-6.23e-004	0.00	0.00	0.00
90	709	0.10	1.60e-002	4.01e-004	0.00	-0.10	3.84
	58	-0.10	-1.60e-002	-4.01e-004	0.00	0.00	0.00
95	704	1.41e-002	8.54e-004	6.26e-004	0.00	-0.15	0.20
	707	-1.41e-002	-8.54e-004	-6.26e-004	0.00	0.00	0.00
96	705	1.48e-002	5.34e-004	-1.19e-003	0.00	0.29	0.13
	706	-1.48e-002	-5.34e-004	1.19e-003	0.00	0.00	0.00
101	142	1.18e-002	1.67e-003	1.73e-003	0.00	-0.42	0.40
	699	-1.18e-002	-1.67e-003	-1.73e-003	0.00	0.00	0.00
102	131	0.53	2.72e-002	1.82e-003	0.00	-0.44	6.54
	700	-0.53	-2.72e-002	-1.82e-003	0.00	0.00	0.00

SFORZI "Doghe rivestimento" (Fase 1)

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
11	681	-1.69e-002	-2.13e-002	6.95e-005	4.45e-003	-2.79e-003	6.98e-002
	63	1.69e-002	2.13e-002	-6.95e-005	-4.45e-003	-2.66e-003	-1.74
12	66	-1.68e-002	-1.57e-002	-4.16e-005	-4.99e-003	2.14e-003	-1.17
	681	1.68e-002	1.57e-002	4.16e-005	4.99e-003	1.13e-003	-6.23e-002
13	681	1.34e-002	-1.81e-002	-8.86e-005	-5.31e-003	2.76e-003	0.24
	65	-1.34e-002	1.81e-002	8.86e-005	5.31e-003	4.19e-003	-1.66
14	64	1.35e-002	-2.36e-002	2.11e-005	2.01e-003	-5.63e-004	-1.62
	681	-1.35e-002	2.36e-002	-2.11e-005	-2.01e-003	-1.10e-003	-0.23
15	679	-1.81	2.38e-002	-2.88e-003	0.00	0.49	4.04
	627	1.81	-2.38e-002	2.88e-003	0.00	-0.17	-1.43
16	20	-1.81	2.38e-002	-2.88e-003	0.00	0.69	5.70
	679	1.81	-2.38e-002	2.88e-003	0.00	-0.49	-4.04

17	678	1.80	-4.11e-003	-2.57e-003	0.00	0.44	-0.70
	625	-1.80	4.11e-003	2.57e-003	0.00	-0.15	0.25
18	10	1.80	-4.11e-003	-2.57e-003	0.00	0.62	-0.99
	678	-1.80	4.11e-003	2.57e-003	0.00	-0.44	0.70
19	627	-1.81	2.38e-002	-2.88e-003	0.00	0.17	1.43
	710	1.81	-2.38e-002	2.88e-003	0.00	0.00	0.00
20	625	1.80	-4.11e-003	-2.57e-003	0.00	0.15	-0.25
	60	-1.80	4.11e-003	2.57e-003	0.00	0.00	0.00
21	138	0.94	2.40e-002	-3.18e-003	0.00	0.76	5.76
	701	-0.94	-2.40e-002	3.18e-003	0.00	0.00	0.00
22	134	-0.85	4.17e-003	-2.71e-003	0.00	0.65	1.00
	698	0.85	-4.17e-003	2.71e-003	0.00	0.00	0.00
23	624	-0.21	-1.12e-002	-1.55e-002	-4.52e-004	0.82	-2.19
	623	0.21	1.12e-002	1.55e-002	4.52e-004	0.92	0.94
24	624	0.10	5.34e-002	2.06e-004	0.00	-2.06e-002	5.34
	703	-0.10	-5.34e-002	-2.06e-004	0.00	0.00	0.00
25	696	8.96e-002	-0.16	1.57e-002	0.82	-2.22	-14.59
	624	-8.96e-002	0.16	-1.57e-002	-0.82	2.10e-002	-7.53
26	623	1.82e-002	-6.68e-002	-4.80e-003	0.00	0.48	-6.68
	702	-1.82e-002	6.68e-002	4.80e-003	0.00	0.00	0.00
27	697	2.93e-002	0.14	-2.03e-002	0.92	3.32	12.60
	623	-2.93e-002	-0.14	2.03e-002	-0.92	-0.48	7.62
28	166	-0.35	3.74e-005	3.00e-013	1.28e-002	-0.71	5.48e-002
	110	0.35	-3.74e-005	-3.00e-013	-1.28e-002	0.71	-5.18e-002
29	118	-0.35	3.74e-005	3.06e-013	1.28e-002	-0.71	5.78e-002
	166	0.35	-3.74e-005	-3.06e-013	-1.28e-002	0.71	-5.48e-002
30	158	8.91e-002	9.04e-008	3.04e-013	1.28e-002	0.16	6.34e-004
	69	-8.91e-002	-9.04e-008	-3.04e-013	-1.28e-002	-0.16	-6.27e-004
31	74	8.91e-002	9.04e-008	3.02e-013	1.28e-002	0.16	6.41e-004
	158	-8.91e-002	-9.04e-008	-3.02e-013	-1.28e-002	-0.16	-6.34e-004
32	153	-1.67e-002	-4.00e-008	2.47e-013	1.28e-002	-3.30e-002	6.60e-006
	70	1.67e-002	4.00e-008	-2.47e-013	-1.28e-002	3.30e-002	-9.80e-006
33	81	-1.67e-002	-4.00e-008	2.53e-013	1.28e-002	-3.30e-002	3.41e-006
	153	1.67e-002	4.00e-008	-2.53e-013	-1.28e-002	3.30e-002	-6.60e-006
34	145	3.52e-003	1.16e-006	1.76e-013	1.28e-002	7.07e-003	6.87e-008
	73	-3.52e-003	-1.16e-006	-1.76e-013	-1.28e-002	-7.07e-003	9.24e-005
35	89	3.52e-003	1.16e-006	1.71e-013	1.28e-002	7.07e-003	9.26e-005
	145	-3.52e-003	-1.16e-006	-1.71e-013	-1.28e-002	-7.07e-003	-6.87e-008
36	136	-5.95e-004	3.03e-004	1.15e-013	1.28e-002	-2.60e-003	8.02e-010
	97	5.95e-004	-3.03e-004	-1.15e-013	-1.28e-002	2.60e-003	2.42e-002
37	105	-5.95e-004	3.03e-004	1.20e-013	1.28e-002	-2.60e-003	2.42e-002
	136	5.95e-004	-3.03e-004	-1.20e-013	-1.28e-002	2.60e-003	-8.02e-010
38	118	-2.50e-012	-1.86e-004	7.53e-002	-2.50e-002	-4.11	-1.02e-002
	74	2.50e-012	1.86e-004	-7.53e-002	2.50e-002	-0.98	-2.30e-003
39	579	-9.09e-012	-1.48e-004	-0.28	-8.28e-002	0.00	0.00
	118	9.09e-012	1.48e-004	0.28	8.28e-002	4.82	-2.59e-003
40	110	-1.14e-012	1.86e-004	-7.53e-002	-2.37e-002	4.11	1.02e-002
	69	1.14e-012	-1.86e-004	7.53e-002	2.37e-002	0.98	2.30e-003
41	516	-3.64e-012	1.48e-004	0.28	2.81e-002	0.00	0.00
	110	3.64e-012	-1.48e-004	-0.28	-2.81e-002	-4.82	2.59e-003
42	105	-9.09e-013	-4.90e-004	-1.02e-013	-3.47e-018	3.06e-012	-8.58e-003
	68	9.09e-013	4.90e-004	1.02e-013	3.47e-018	6.54e-013	-4.55e-013
43	89	-1.82e-012	-1.87e-004	-5.95e-004	-2.42e-002	3.76e-002	-8.35e-003

	105	1.82e-012	1.87e-004	5.95e-004	2.42e-002	2.60e-003	-4.27e-003
44	97	-9.09e-013	4.90e-004	-1.02e-013	-3.47e-018	3.63e-012	8.58e-003
	67	9.09e-013	-4.90e-004	1.02e-013	3.47e-018	-1.78e-014	4.55e-013
45	73	-1.82e-012	1.87e-004	5.95e-004	-2.42e-002	-3.76e-002	8.35e-003
	97	1.82e-012	-1.87e-004	-5.95e-004	2.42e-002	-2.60e-003	4.27e-003
46	81	-1.82e-012	-1.86e-004	2.93e-003	-2.43e-002	-0.18	-9.45e-003
	89	1.82e-012	1.86e-004	-2.93e-003	2.43e-002	-4.47e-002	-4.49e-003
47	74	-2.05e-012	-1.86e-004	-1.38e-002	-2.43e-002	0.83	-1.05e-002
	81	2.05e-012	1.86e-004	1.38e-002	2.43e-002	0.21	-3.40e-003
48	70	-1.36e-012	1.86e-004	-2.93e-003	-2.43e-002	0.18	9.45e-003
	73	1.36e-012	-1.86e-004	2.93e-003	2.43e-002	4.47e-002	4.49e-003
49	69	-1.36e-012	1.86e-004	1.38e-002	-2.43e-002	-0.83	1.05e-002
	70	1.36e-012	-1.86e-004	-1.38e-002	2.43e-002	-0.21	3.40e-003
50	63	-1.50e-002	4.84e-002	1.13e-005	5.53e-003	4.78e-005	2.44e-002
	700	1.50e-002	-4.84e-002	-1.13e-005	-5.53e-003	-8.56e-004	3.44
51	698	-7.02e-003	6.75e-002	-4.31e-006	-9.38e-003	6.49e-004	6.22
	66	7.02e-003	-6.75e-002	4.31e-006	9.38e-003	-3.40e-004	-1.39
52	65	9.70e-003	8.05e-002	-3.10e-005	-8.85e-003	2.27e-004	-1.31
	701	-9.70e-003	-8.05e-002	3.10e-005	8.85e-003	1.99e-003	7.08
53	699	1.60e-002	6.11e-002	-1.40e-005	4.06e-003	4.56e-004	5.57
	64	-1.60e-002	-6.11e-002	1.40e-005	-4.06e-003	5.43e-004	-1.20
54	65	-1.32e-002	0.11	-8.72e-005	4.58e-004	1.65e-003	5.91
	710	1.32e-002	-0.11	8.72e-005	-4.58e-004	3.06e-003	0.15
55	63	-1.48e-002	-9.61e-003	-4.91e-005	-3.82e-004	2.30e-003	2.65
	65	1.48e-002	9.61e-003	4.91e-005	3.82e-004	3.21e-003	-3.73
56	58	-1.55e-002	-7.33e-002	-2.19e-004	-1.85e-003	6.28e-003	-7.88e-002
	63	1.55e-002	7.33e-002	2.19e-004	1.85e-003	5.55e-003	-3.88
57	66	-2.70e-003	-0.11	2.11e-005	9.34e-004	-4.72e-004	-6.06
	60	2.70e-003	0.11	-2.11e-005	-9.34e-004	-6.69e-004	-0.14
58	64	3.68e-003	3.43e-002	-4.94e-005	-1.64e-003	2.60e-003	-0.33
	66	-3.68e-003	-3.43e-002	4.94e-005	1.64e-003	2.93e-003	4.16
59	59	9.29e-004	4.63e-002	-2.97e-004	3.83e-004	9.05e-003	0.10
	64	-9.29e-004	-4.63e-002	2.97e-004	-3.83e-004	6.98e-003	2.40
60	706	-5.10e-003	-0.11	2.50e-004	6.90e-003	-6.28e-003	5.72e-002
	66	5.10e-003	0.11	-2.50e-004	-6.90e-003	-5.48e-003	-5.17
61	66	2.16e-003	0.12	-2.50e-005	-6.78e-003	1.22e-003	6.91
	65	-2.16e-003	-0.12	2.50e-005	6.78e-003	1.52e-003	6.66
62	65	5.15e-003	-0.10	4.89e-004	6.00e-003	-1.08e-002	-4.64
	702	-5.15e-003	0.10	-4.89e-004	-6.00e-003	-1.22e-002	7.72e-002
63	63	5.86e-004	-6.44e-002	1.44e-004	-2.63e-003	-2.41e-003	-3.07
	703	-5.86e-004	6.44e-002	-1.44e-004	2.63e-003	-4.37e-003	4.77e-002
64	64	2.39e-003	6.90e-002	4.88e-005	4.95e-003	-2.54e-003	3.31
	63	-2.39e-003	-6.90e-002	-4.88e-005	-4.95e-003	-2.83e-003	4.28
65	707	1.04e-003	-2.77e-002	3.49e-004	-3.36e-003	-9.40e-003	8.48e-002
	64	-1.04e-003	2.77e-002	-3.49e-004	3.36e-003	-7.02e-003	-1.39
77	702	-3.88e-002	-6.32e-002	-1.26e-003	-8.47e-002	-7.35e-002	1.98
	701	3.88e-002	6.32e-002	1.26e-003	8.47e-002	0.14	-5.39
78	703	2.76e-002	1.57e-002	-9.13e-004	-7.55e-003	1.66e-002	3.74
	702	-2.76e-002	-1.57e-002	9.13e-004	7.55e-003	8.57e-002	-1.98
79	700	-2.59e-002	-2.07e-002	-1.21e-004	4.02e-002	1.87e-002	2.62
	703	2.59e-002	2.07e-002	1.21e-004	-4.02e-002	-1.22e-002	-3.73
80	706	4.80e-003	-3.05e-002	9.97e-004	-8.01e-002	-8.74e-002	-6.38
	698	-4.80e-003	3.05e-002	-9.97e-004	8.01e-002	3.36e-002	4.74

81	707	-4.90e-004	0.11	-1.13e-003	-2.29e-002	3.31e-002	5.56
	706	4.90e-004	-0.11	1.13e-003	2.29e-002	9.37e-002	6.39
82	699	-6.29e-003	-0.18	-1.32e-003	6.19e-002	9.48e-002	-4.25
	707	6.29e-003	0.18	1.32e-003	-6.19e-002	-2.37e-002	-5.56
83	710	-4.48e-003	-0.96	7.48e-003	5.81e-002	-0.21	-40.44
	701	4.48e-003	0.96	-7.48e-003	-5.81e-002	-0.14	-4.74
84	60	-1.69e-003	0.74	-3.13e-003	-8.90e-002	0.14	40.49
	710	1.69e-003	-0.74	3.13e-003	8.90e-002	0.21	40.44
85	698	9.02e-004	-0.95	3.68e-003	4.92e-002	-3.42e-002	-4.17
	60	-9.02e-004	0.95	-3.68e-003	-4.92e-002	-0.14	-40.49
86	58	7.53e-003	-0.57	-2.08e-003	-2.26e-002	0.12	-24.36
	700	-7.53e-003	0.57	2.08e-003	2.26e-002	-1.79e-002	-2.30
87	59	-3.22e-003	0.44	1.70e-003	5.63e-002	-6.51e-002	24.50
	58	3.22e-003	-0.44	-1.70e-003	-5.63e-002	-0.12	24.37
88	699	-1.20e-002	-0.60	8.33e-004	-4.83e-002	-0.10	-3.72
	59	1.20e-002	0.60	-8.33e-004	4.83e-002	5.61e-002	-24.50
89	708	1.09	1.80e-003	9.10e-003	0.00	-2.18	0.43
	59	-1.09	-1.80e-003	-9.10e-003	0.00	0.00	0.00
90	709	-1.09	-1.93e-002	1.10e-002	0.00	-2.63	-4.63
	58	1.09	1.93e-002	-1.10e-002	0.00	0.00	0.00
95	704	0.26	6.15e-003	8.56e-004	0.00	-0.21	1.48
	707	-0.26	-6.15e-003	-8.56e-004	0.00	0.00	0.00
96	705	-0.25	5.54e-003	-7.23e-003	0.00	1.73	1.33
	706	0.25	-5.54e-003	7.23e-003	0.00	0.00	0.00
101	142	-0.72	6.62e-003	-1.75e-004	0.00	4.20e-002	1.59
	699	0.72	-6.62e-003	1.75e-004	0.00	0.00	0.00
102	131	0.50	-3.51e-002	2.40e-003	0.00	-0.58	-8.43
	700	-0.50	3.51e-002	-2.40e-003	0.00	0.00	0.00

SFORZI "Vy" (Fase 1)

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
11	681	6.08	3.82	-0.14	-0.91	4.33	4.43
	63	-6.08	-3.82	0.14	0.91	6.29	295.26
12	66	5.73	2.92	0.21	1.07	-9.28	235.28
	681	-5.73	-2.92	-0.21	-1.07	-7.04	-6.36
13	681	1.51	3.04	0.14	1.00e+000	-4.32	-0.73
	65	-1.51	-3.04	-0.14	-1.00e+000	-6.43	239.21
14	64	1.16	3.94	-0.21	-0.90	9.12	310.55
	681	-1.16	-3.94	0.21	0.90	7.03	-1.29
15	679	395.56	-0.32	-20.99	0.00	3568.16	-54.51
	627	-395.56	0.32	20.99	0.00	-1259.35	19.24
16	20	395.56	-0.32	-20.99	0.00	5037.40	-76.95
	679	-395.56	0.32	20.99	0.00	-3568.16	54.51
17	678	-395.73	1.36	-20.97	0.00	3564.20	230.36
	625	395.73	-1.36	20.97	0.00	-1257.95	-81.30
18	10	-395.73	1.36	-20.97	-2.27e-013	5031.82	325.21
	678	395.73	-1.36	20.97	2.27e-013	-3564.20	-230.36
19	627	395.56	-0.32	-20.99	0.00	1259.35	-19.24
	710	-395.56	0.32	20.99	0.00	0.00	0.00
20	625	-395.73	1.36	-20.97	0.00	1257.95	81.30
	60	395.73	-1.36	20.97	0.00	0.00	0.00
21	138	-221.32	1.22	-53.44	0.00	8216.74	292.32
	701	221.32	-1.22	15.04	0.00	0.00	0.00

22	134	214.58	-0.98	-75.71	0.00	9242.49	-235.01
	698	-214.58	0.98	1.31	0.00	0.00	0.00
23	624	-3.83	2.09	1.55	6.52e-002	-67.07	90.14
	623	3.83	-2.09	-1.55	-6.52e-002	-106.93	144.16
24	624	0.24	2.20	-22.89	0.00	438.58	220.05
	703	-0.24	-2.20	-14.11	0.00	0.00	0.00
25	696	2.34	-1.63	-76.24	-67.07	7486.15	-98.66
	624	-2.34	1.63	24.44	67.07	-438.64	-129.90
26	623	9.53	-2.90e-002	-22.54	0.00	404.26	-2.90
	702	-9.53	2.90e-002	-14.46	0.00	0.00	0.00
27	697	7.44	3.80	-72.79	-106.93	6968.66	385.50
	623	-7.44	-3.80	20.99	106.93	-404.20	147.06
28	166	-5.90	-2.39e-003	-4.02e-012	-5.87e-002	-11.91	0.97
	110	5.90	2.39e-003	4.02e-012	5.87e-002	11.91	-1.16
29	118	-5.90	-2.39e-003	-4.80e-012	-5.87e-002	-11.91	0.78
	166	5.90	2.39e-003	4.80e-012	5.87e-002	11.91	-0.97
30	158	1.50	-8.68e-006	-4.80e-012	-5.88e-002	2.63	1.12e-002
	69	-1.50	8.68e-006	4.80e-012	5.88e-002	-2.63	-1.19e-002
31	74	1.50	-8.68e-006	-4.48e-012	-5.88e-002	2.63	1.05e-002
	158	-1.50	8.68e-006	4.48e-012	5.88e-002	-2.63	-1.12e-002
32	153	-0.28	4.43e-007	-4.28e-012	-5.88e-002	-0.55	1.17e-004
	70	0.28	-4.43e-007	4.28e-012	5.88e-002	0.55	-8.15e-005
33	81	-0.28	4.43e-007	-4.53e-012	-5.88e-002	-0.55	1.52e-004
	153	0.28	-4.43e-007	4.53e-012	5.88e-002	0.55	-1.17e-004
34	145	5.93e-002	-5.14e-006	-3.47e-012	-5.88e-002	0.12	1.22e-006
	73	-5.93e-002	5.14e-006	3.47e-012	5.88e-002	-0.12	-4.13e-004
35	89	5.93e-002	-5.14e-006	-2.82e-012	-5.88e-002	0.12	-4.10e-004
	145	-5.93e-002	5.14e-006	2.82e-012	5.88e-002	-0.12	-1.22e-006
36	136	-1.00e-002	-1.39e-003	-2.23e-012	-5.88e-002	-4.38e-002	1.42e-008
	97	1.00e-002	1.39e-003	2.23e-012	5.88e-002	4.38e-002	-0.11
37	105	-1.00e-002	-1.39e-003	-2.37e-012	-5.88e-002	-4.38e-002	-0.11
	136	1.00e-002	1.39e-003	2.37e-012	5.88e-002	4.38e-002	-1.42e-008
38	118	1.75e-010	9.64e-004	1.27	0.10	-69.19	8.37e-002
	74	-1.75e-010	-9.64e-004	-1.27	-0.10	-16.53	-1.85e-002
39	579	4.66e-010	-1.42e-003	-4.63	-0.68	0.00	0.00
	118	-4.66e-010	1.42e-003	4.63	0.68	81.10	-2.49e-002
40	110	1.46e-010	-9.64e-004	-1.27	0.12	69.19	-8.37e-002
	69	-1.46e-010	9.64e-004	1.27	-0.12	16.53	1.85e-002
41	516	3.49e-010	1.42e-003	4.63	1.29	0.00	0.00
	110	-3.49e-010	-1.42e-003	-4.63	-1.29	-81.10	2.49e-002
42	105	1.16e-010	2.37e-003	0.00	2.78e-017	-2.68e-011	4.14e-002
	68	-1.16e-010	-2.37e-003	0.00	-2.78e-017	3.37e-011	3.64e-012
43	89	1.46e-010	9.78e-004	-1.00e-002	0.11	0.63	4.87e-002
	105	-1.46e-010	-9.78e-004	1.00e-002	-0.11	4.38e-002	1.74e-002
44	97	1.16e-010	-2.37e-003	1.14e-012	2.78e-017	-2.91e-011	-4.14e-002
	67	-1.16e-010	2.37e-003	-1.14e-012	-2.78e-017	2.91e-011	3.64e-012
45	73	1.46e-010	-9.78e-004	1.00e-002	0.11	-0.63	-4.87e-002
	97	-1.46e-010	9.78e-004	-1.00e-002	-0.11	-4.38e-002	-1.74e-002
46	81	1.46e-010	9.73e-004	4.93e-002	0.11	-2.95	6.30e-002
	89	-1.46e-010	-9.73e-004	-4.93e-002	-0.11	-0.75	1.01e-002
47	74	1.16e-010	9.73e-004	-0.23	0.11	13.90	7.73e-002
	81	-1.16e-010	-9.73e-004	0.23	-0.11	3.50	-4.16e-003
48	70	1.75e-010	-9.73e-004	-4.93e-002	0.11	2.95	-6.30e-002

	73	-1.75e-010	9.73e-004	4.93e-002	-0.11	0.75	-1.01e-002
49	69	1.46e-010	-9.73e-004	0.23	0.11	-13.90	-7.73e-002
	70	-1.46e-010	9.73e-004	-0.23	-0.11	-3.50	4.16e-003
50	63	30.81	-14.77	6.89e-002	-1.56	-3.72	325.88
	700	-30.81	14.77	-6.89e-002	1.56	-1.21	-1382.91
51	698	-27.51	-16.88	-4.98e-002	1.90	-0.30	-1664.96
	66	27.51	16.88	4.98e-002	-1.90	3.86	456.31
52	65	27.03	-17.35	-6.58e-002	1.85	3.65	486.23
	701	-27.03	17.35	6.58e-002	-1.85	1.06	-1728.42
53	699	-31.13	-15.25	5.29e-002	-1.53	0.14	-1423.07
	64	31.13	15.25	-5.29e-002	1.53	-3.92	331.60
54	65	-1.58	-22.08	-0.69	0.23	17.19	-1159.49
	710	1.58	22.08	0.69	-0.23	19.83	-32.63
55	63	17.81	0.78	6.35e-003	6.91e-002	1.07	-532.59
	65	-17.81	-0.78	-6.35e-003	-6.91e-002	-1.78	619.65
56	58	-1.26	18.86	0.74	-2.03e-002	-21.47	27.15
	63	1.26	-18.86	-0.74	2.03e-002	-18.48	991.16
57	66	-1.40	22.92	-0.80	0.17	20.48	1206.04
	60	1.40	-22.92	0.80	-0.17	22.75	31.88
58	64	-26.35	-1.72	6.35e-003	0.12	1.16	498.45
	66	26.35	1.72	-6.35e-003	-0.12	-1.87	-691.57
59	59	-1.85	-18.52	0.85	-4.82e-002	-24.26	-27.59
	64	1.85	18.52	-0.85	4.82e-002	-21.67	-972.23
60	706	34.93	19.38	0.42	-1.62	-13.57	-19.16
	66	-34.93	-19.38	-0.42	1.62	-6.24	930.03
61	66	11.86	-25.07	0.13	1.30	-6.95	-1395.18
	65	-11.86	25.07	-0.13	-1.30	-6.87	-1362.29
62	65	-5.67	18.18	0.34	-1.62	-5.75	874.61
	702	5.67	-18.18	-0.34	1.62	-10.24	-20.37
63	63	-5.11	15.55	-0.43	1.25	7.64	748.40
	703	5.11	-15.55	0.43	-1.25	12.62	-17.70
64	64	11.74	-21.12	-0.13	-1.23	7.28	-1153.02
	63	-11.74	21.12	0.13	1.23	7.19	-1169.85
65	707	34.02	14.86	-0.51	1.23	15.82	-18.60
	64	-34.02	-14.86	0.51	-1.23	8.02	717.03
77	702	-23.27	25.98	-8.71	21.24	220.85	85.09
	701	23.27	-25.98	8.71	-21.24	249.72	1317.91
78	703	-23.58	-1.72	7.82e-002	0.88	201.85	-109.38
	702	23.58	1.72	-7.82e-002	-0.88	-210.61	-83.46
79	700	-25.35	-17.51	9.08	-16.83	-275.82	-1053.85
	703	25.35	17.51	-9.08	16.83	-214.48	108.13
80	706	25.35	-19.46	-12.21	20.65	303.44	218.56
	698	-25.35	19.46	12.21	-20.65	355.95	-1269.26
81	707	26.44	-2.85	0.12	1.49	276.95	-98.70
	706	-26.44	2.85	-0.12	-1.49	-289.86	-220.18
82	699	26.71	21.94	12.42	-17.10	-377.64	1084.60
	707	-26.71	-21.94	-12.42	17.10	-292.78	99.92
83	710	-11.47	212.69	1.71	-15.37	170.49	8839.05
	701	11.47	-212.69	-1.71	15.37	-250.78	1157.39
84	60	8.83	-160.80	3.61	17.26	-206.77	-8848.88
	710	-8.83	160.80	-3.61	-17.26	-190.32	-8838.82
85	698	29.00	212.00	3.65	-14.62	-355.65	1115.18
	60	-29.00	-212.00	-3.65	14.62	184.02	8849.05

86	58	-14.32	178.33	-2.48	11.73	-160.60	7455.62
	700	14.32	-178.33	2.48	-11.73	277.03	925.92
87	59	8.65	-135.49	-3.47	-15.42	199.75	-7448.03
	58	-8.65	135.49	3.47	15.42	182.07	-7455.60
88	699	31.57	178.74	-4.30	12.17	377.50	952.54
	59	-31.57	-178.74	4.30	-12.17	-175.49	7448.08
89	708	-332.74	-1.02	-23.77	0.00	5704.71	-244.82
	59	332.74	1.02	23.77	0.00	0.00	0.00
90	709	332.68	-0.26	-23.71	0.00	5689.46	-63.16
	58	-332.68	0.26	23.71	0.00	0.00	0.00
95	704	-9.92	-0.78	-126.48	0.00	9619.40	-188.01
	707	9.92	0.78	-46.32	0.00	0.00	0.00
96	705	2.77	-0.67	-125.54	0.00	9393.96	-159.90
	706	-2.77	0.67	-47.26	0.00	0.00	0.00
101	142	185.43	-1.04	-75.73	0.00	9246.97	-248.84
	699	-185.43	1.04	1.33	0.00	0.00	0.00
102	131	-181.08	0.33	-53.44	0.00	8218.26	78.02
	700	181.08	-0.33	15.04	0.00	0.00	0.00

SFORZI "Vx" (Fase 1)

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
11	681	-13.84	-2.43	-0.20	-0.24	6.67	-255.77
	63	13.84	2.43	0.20	0.24	9.14	64.74
12	66	-13.55	1.68	0.12	0.39	-5.67	-124.10
	681	13.55	-1.68	-0.12	-0.39	-4.09	256.35
13	681	21.20	2.93	-0.12	-0.17	3.61	238.53
	65	-21.20	-2.93	0.12	0.17	5.85	-8.19
14	64	20.88	-1.18	0.18	0.42	-7.81	146.21
	681	-20.88	1.18	-0.18	-0.42	-6.19	-239.15
15	679	-21.41	-46.58	-4.36	0.00	740.49	-2571.99
	627	21.41	5.88	4.36	0.00	-261.35	-313.24
16	20	-21.41	-72.48	-4.36	8.88e-016	1045.39	-6739.04
	679	21.41	46.58	4.36	-8.88e-016	-740.49	2571.99
17	678	25.98	-43.72	-4.61	2.84e-014	783.80	-2086.19
	625	-25.98	3.02	4.61	-2.84e-014	-276.63	-484.70
18	10	25.98	-69.62	-4.61	-5.68e-014	1106.53	-6053.21
	678	-25.98	43.72	4.61	5.68e-014	-783.80	2086.19
19	627	-21.41	-5.88	-4.36	0.00	261.35	313.24
	710	21.41	-16.32	4.36	0.00	0.00	0.00
20	625	25.98	-3.02	-4.61	0.00	276.63	484.70
	60	-25.98	-19.18	4.61	0.00	0.00	0.00
21	138	-1.22	-45.86	-5.91	0.00	1417.42	-6399.44
	701	1.22	7.46	5.91	0.00	0.00	0.00
22	134	-87.60	-48.47	-6.52	0.00	1565.33	-7024.95
	698	87.60	10.07	6.52	0.00	0.00	0.00
23	624	8.49	-114.30	0.80	1.06	-22.39	-6339.69
	623	-8.49	114.30	-0.80	-1.06	-66.68	-6461.36
24	624	-33.17	-49.89	3.40	0.00	-339.91	-4988.66
	703	33.17	49.89	-3.40	0.00	0.00	0.00
25	696	-147.46	-41.39	2.60	-22.39	-703.38	-4444.02
	624	147.46	41.39	-2.60	22.39	338.84	-1351.03
26	623	26.25	-45.15	-2.30	0.00	229.97	-4515.22
	702	-26.25	45.15	2.30	0.00	0.00	0.00

27	697	140.54	-53.65	-1.50	-66.68	439.54	-5564.24
	623	-140.54	53.65	1.50	66.68	-228.91	-1946.14
28	166	21.41	-4.19e-002	164.97	-0.73	7.29	-1.42
	110	-21.41	4.19e-002	-164.97	0.73	-13204.83	-1.94
29	118	21.41	-4.19e-002	164.97	-0.73	-13190.25	-4.77
	166	-21.41	4.19e-002	-164.97	0.73	-7.29	1.42
30	158	19.49	-1.54e-004	163.82	-0.73	-3.68	-1.64e-002
	69	-19.49	1.54e-004	-163.82	0.73	-13101.67	4.09e-003
31	74	19.49	-1.54e-004	163.82	-0.73	-13109.03	-2.87e-002
	158	-19.49	1.54e-004	-163.82	0.73	3.68	1.64e-002
32	153	21.82	6.94e-006	125.93	-0.73	0.75	-1.71e-004
	70	-21.82	-6.94e-006	-125.93	0.73	-10074.77	7.26e-004
33	81	21.82	6.94e-006	125.93	-0.73	-10073.27	3.84e-004
	153	-21.82	-6.94e-006	-125.93	0.73	-0.75	1.71e-004
34	145	21.44	-6.29e-005	74.90	-0.73	-4.64e-002	-1.77e-006
	73	-21.44	6.29e-005	-74.90	0.73	-5991.81	-5.03e-003
35	89	21.44	-6.29e-005	74.90	-0.73	-5991.90	-5.03e-003
	145	-21.44	6.29e-005	-74.90	0.73	4.64e-002	1.77e-006
36	136	13.45	-1.72e-002	38.56	-0.73	8.88	-2.07e-008
	97	-13.45	1.72e-002	-38.56	0.73	-3093.83	-1.38
37	105	13.45	-1.72e-002	38.56	-0.73	-3076.08	-1.38
	136	-13.45	1.72e-002	-38.56	0.73	-8.88	2.07e-008
38	118	-403.20	1.26e-002	-278.30	1.41	8512.06	1.24
	74	403.20	-1.26e-002	199.19	-1.41	7630.30	-0.39
39	579	-568.17	-2.93e-002	-277.38	6.18	0.00	0.00
	118	568.17	2.93e-002	256.89	-6.18	4678.19	-0.51
40	110	403.20	-1.26e-002	-257.99	1.38	8219.86	-1.24
	69	-403.20	1.26e-002	217.42	-1.38	7851.81	0.39
41	516	568.17	2.93e-002	-289.91	3.31	0.00	0.00
	110	-568.17	-2.93e-002	279.40	-3.31	4984.97	0.51
42	105	3.64e-012	3.00e-002	-20.49	4.44e-016	179.41	0.53
	68	-3.64e-012	-3.00e-002	-6.28e-011	-4.44e-016	1.93e-010	0.00
43	89	-38.56	1.28e-002	-86.15	1.38	253.78	0.66
	105	38.56	-1.28e-002	7.04	-1.38	2896.66	0.20
44	97	9.09e-013	-3.00e-002	-10.51	2.22e-016	92.01	-0.53
	67	-9.09e-013	3.00e-002	6.37e-012	-2.22e-016	6.80e-010	-3.64e-012
45	73	38.56	-1.28e-002	-64.52	1.38	-10.74	-0.66
	97	-38.56	1.28e-002	23.95	-1.38	3001.82	-0.20
46	81	-113.46	1.27e-002	-152.61	1.38	2425.08	0.89
	89	113.46	-1.27e-002	64.71	-1.38	5738.12	6.71e-002
47	74	-239.39	1.27e-002	-218.68	1.38	5478.73	1.12
	81	239.39	-1.27e-002	130.79	-1.38	7648.18	-0.16
48	70	113.46	-1.27e-002	-131.03	1.38	2148.16	-0.89
	73	-113.46	1.27e-002	85.96	-1.38	6002.55	-6.71e-002
49	69	239.39	-1.27e-002	-197.93	1.38	5249.86	-1.12
	70	-239.39	1.27e-002	152.86	-1.38	7926.60	0.16
50	63	-40.92	0.11	-5.56e-002	-0.17	-0.14	-174.27
	700	40.92	-0.11	5.56e-002	0.17	4.12	182.09
51	698	13.41	7.46	-8.96e-003	0.40	-0.88	761.76
	66	-13.41	-7.46	8.96e-003	-0.40	1.52	-228.06
52	65	41.58	-2.45e-002	-2.26e-002	-0.15	-0.31	80.14
	701	-41.58	2.45e-002	2.26e-002	0.15	1.93	-81.89
53	699	-14.95	-7.41	2.31e-002	0.41	-2.77	-738.85

	64	14.95	7.41	-2.31e-002	-0.41	1.11	208.68
54	65	-5.15	1.75	-0.53	0.27	11.85	95.35
	710	5.15	-1.75	0.53	-0.27	16.89	-1.01
55	63	12.34	-3.31	-0.16	9.30e-002	8.92	-220.57
	65	-12.34	3.31	0.16	-9.30e-002	8.76	-149.77
56	58	34.82	2.47	-0.60	0.43	20.19	-1.85
	63	-34.82	-2.47	0.60	-0.43	12.30	135.45
57	66	-10.47	6.27	0.10	-0.49	-1.35	347.18
	60	10.47	-6.27	-0.10	0.49	-4.00	-8.75
58	64	10.00	-10.96	7.04e-002	0.81	-3.96	-619.35
	66	-10.00	10.96	-7.04e-002	-0.81	-3.93	-607.83
59	59	37.06	6.46	0.23	-0.44	-9.16	-8.94
	64	-37.06	-6.46	-0.23	0.44	-3.49	357.53
60	706	-2.08	10.30	-0.57	-0.13	14.07	14.82
	66	2.08	-10.30	0.57	0.13	12.52	469.25
61	66	16.15	-1.15	3.14e-002	-0.22	-3.09	-231.30
	65	-16.15	1.15	-3.14e-002	0.22	-0.36	104.32
62	65	3.40	-3.25	1.21	-5.23e-002	-25.78	-151.38
	702	-3.40	3.25	-1.21	5.23e-002	-31.17	-1.33
63	63	-6.84	4.17	1.40	-0.20	-30.42	193.40
	703	6.84	-4.17	-1.40	0.20	-35.57	2.73
64	64	-24.35	0.94	2.26e-002	-0.29	-2.70	226.85
	63	24.35	-0.94	-2.26e-002	0.29	0.21	-123.98
65	707	0.15	-10.26	-0.75	-0.17	18.57	-14.46
	64	-0.15	10.26	0.75	0.17	16.84	-467.54
77	702	-35.35	11.16	-4.00	0.92	-123.37	539.31
	701	35.35	-11.16	4.00	-0.92	339.29	63.50
78	703	8.59	-11.83	-2.90	-0.41	170.17	-786.03
	702	-8.59	11.83	2.90	0.41	154.54	-539.26
79	700	57.07	17.16	-6.34	2.33	477.03	140.48
	703	-57.07	-17.16	6.34	-2.33	-134.60	786.23
80	706	-8.47	72.55	1.56	-6.44	94.53	3334.92
	698	8.47	-72.55	-1.56	6.44	-178.67	583.00
81	707	9.63	-59.45	1.91	8.39	-105.25	-3323.75
	706	-9.63	59.45	-1.91	-8.39	-108.60	-3335.05
82	699	27.58	72.02	4.24	-6.08	-315.55	565.36
	707	-27.58	-72.02	-4.24	6.08	86.67	3323.58
83	710	-25.41	-9.92	11.46	-1.63	-197.49	-520.74
	701	25.41	9.92	-11.46	1.63	-341.22	54.57
84	60	-21.59	9.74	0.29	-0.62	-212.16	550.80
	710	21.59	-9.74	-0.29	0.62	180.60	521.01
85	698	-16.88	-22.50	-8.42	8.14	179.54	-506.25
	60	16.88	22.50	8.42	-8.14	216.15	-551.29
86	58	27.90	6.66	17.16	-3.02	-325.25	434.86
	700	-27.90	-6.66	-17.16	3.02	-481.15	-121.74
87	59	24.82	-8.79	-0.29	-1.17	-272.97	-531.83
	58	-24.82	8.79	0.29	1.17	305.06	-435.29
88	699	20.40	21.77	-12.78	7.77	318.32	490.84
	59	-20.40	-21.77	12.78	-7.77	282.13	532.27
89	708	-24.10	-123.26	4.18	0.00	-1003.78	-8846.15
	59	24.10	-49.54	-4.18	0.00	0.00	0.00
90	709	17.93	-120.53	3.68	0.00	-883.63	-8190.94
	58	-17.93	-52.27	-3.68	0.00	0.00	0.00

95	704	-141.73	-18.71	2.48	0.00	-594.65	-4489.69
	707	141.73	18.71	-2.48	0.00	0.00	0.00
96	705	142.31	-18.67	-1.73	0.00	415.41	-4480.03
	706	-142.31	18.67	1.73	0.00	0.00	0.00
101	142	86.38	-70.85	6.33	0.00	-1520.01	-8075.71
	699	-86.38	-3.55	-6.33	0.00	0.00	0.00
102	131	10.39	-65.31	5.35	0.00	-1284.18	-6747.51
	700	-10.39	-9.09	-5.35	0.00	0.00	0.00

SFORZI "PERM" (Fase 1)

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
11	681	0.12	3.94e-002	2.05e-004	0.21	-9.54e-003	-808.87
	63	-0.12	8.09	-2.05e-004	-0.21	-6.56e-003	492.75
12	66	0.12	8.15	-2.33e-004	0.18	9.63e-003	-488.35
	681	-0.12	-1.67e-002	2.33e-004	-0.18	8.63e-003	808.87
13	681	-5.97e-002	-8.89e-002	-1.35e-004	-0.20	1.16e-003	-810.41
	65	5.97e-002	8.22	1.35e-004	0.20	9.44e-003	484.24
14	64	-5.93e-002	8.07	-2.47e-005	-0.20	2.19e-003	-496.44
	681	5.93e-002	6.63e-002	2.47e-005	0.20	-2.45e-004	810.44
15	679	177.93	2.71e-002	5.30e-002	0.00	-9.01	4.61
	627	-107.38	-2.71e-002	-5.30e-002	0.00	3.18	-1.63
16	20	222.82	2.71e-002	5.30e-002	0.00	-12.72	6.51
	679	-177.93	-2.71e-002	-5.30e-002	0.00	9.01	-4.61
17	678	183.19	-0.10	-2.06e-003	0.00	0.35	-16.42
	625	-112.65	0.10	2.06e-003	0.00	-0.12	5.79
18	10	228.09	-0.10	-2.06e-003	-1.11e-016	0.49	-23.17
	678	-183.19	0.10	2.06e-003	1.11e-016	-0.35	16.42
19	627	107.38	2.71e-002	5.30e-002	0.00	-3.18	1.63
	710	-68.90	-2.71e-002	-5.30e-002	0.00	0.00	0.00
20	625	112.65	-0.10	-2.06e-003	0.00	0.12	-5.79
	60	-74.17	0.10	2.06e-003	0.00	0.00	0.00
21	138	105.18	1.41e-002	9.28e-002	0.00	-22.28	3.39
	701	4.71	-1.41e-002	-9.28e-002	0.00	0.00	0.00
22	134	103.03	-0.11	-3.08e-002	0.00	7.39	-26.05
	698	6.86	0.11	3.08e-002	0.00	0.00	0.00
23	624	0.80	5.92	3.17e-003	-1.14e-002	-0.23	106.08
	623	-0.80	5.68	-3.17e-003	1.14e-002	-0.13	-92.56
24	624	135.72	0.41	-7.83e-002	0.00	7.83	40.68
	703	-71.59	-0.41	7.83e-002	0.00	0.00	0.00
25	696	231.43	1.21	-8.15e-002	-0.23	19.23	103.74
	624	-141.64	-1.21	8.15e-002	0.23	-7.82	65.39
26	623	135.36	-0.32	2.59e-002	0.00	-2.59	-32.26
	702	-71.23	0.32	-2.59e-002	0.00	0.00	0.00
27	697	230.83	-1.12	2.91e-002	-0.13	-6.65	-97.06
	623	-141.05	1.12	-2.91e-002	0.13	2.58	-60.29
28	166	-3.88	6.41e-004	-4.65e-013	-3.43e-003	-7.84	-1107.36
	110	3.88	28.51	4.65e-013	3.43e-003	7.84	-33.13
29	118	-3.88	28.51	-4.65e-013	-3.43e-003	-7.84	33.23
	166	3.88	-6.41e-004	4.65e-013	3.43e-003	7.84	1107.36
30	158	0.99	2.40e-006	-4.71e-013	-3.43e-003	1.73	-1140.16
	69	-0.99	28.51	4.71e-013	3.43e-003	-1.73	-0.38
31	74	0.99	28.51	-4.71e-013	-3.43e-003	1.73	0.38
	158	-0.99	-2.40e-006	4.71e-013	3.43e-003	-1.73	1140.16

32	153	-0.18	-6.58e-008	-3.95e-013	-3.42e-003	-0.37	-1140.54
	70	0.18	28.51	3.95e-013	3.42e-003	0.37	-4.00e-003
33	81	-0.18	28.51	-3.93e-013	-3.42e-003	-0.37	3.99e-003
	153	0.18	6.58e-008	3.93e-013	3.42e-003	0.37	1140.54
34	145	3.90e-002	-3.52e-007	-2.76e-013	-3.42e-003	7.83e-002	-1140.54
	73	-3.90e-002	28.51	2.76e-013	3.42e-003	-7.83e-002	-6.97e-005
35	89	3.90e-002	28.51	-2.76e-013	-3.42e-003	7.83e-002	1.34e-005
	145	-3.90e-002	3.52e-007	2.76e-013	3.42e-003	-7.83e-002	1140.54
36	136	-6.59e-003	-8.07e-005	-1.89e-013	-3.42e-003	-2.88e-002	-1140.54
	97	6.59e-003	28.51	1.89e-013	3.42e-003	2.88e-002	-6.46e-003
37	105	-6.59e-003	28.51	-1.87e-013	-3.42e-003	-2.88e-002	-6.45e-003
	136	6.59e-003	8.07e-005	1.87e-013	3.42e-003	2.88e-002	1140.54
38	118	5.68e-013	318.57	0.83	-0.38	-45.52	-6374.54
	74	-5.68e-013	-187.93	-0.83	0.38	-10.88	23497.15
39	579	1.82e-012	380.92	-3.05	-33.62	0.00	0.00
	118	-1.82e-012	-347.08	3.05	33.62	53.35	6374.54
40	110	-2.27e-012	318.57	-0.83	0.39	45.52	-6374.52
	69	2.27e-012	-187.93	0.83	-0.39	10.88	23497.13
41	516	-1.82e-012	380.92	3.05	33.53	0.00	0.00
	110	1.82e-012	-347.08	-3.05	-33.53	-53.35	6374.52
42	105	-4.55e-013	-347.08	-7.42e-014	7.11e-015	-3.40e-012	-6374.53
	68	4.55e-013	380.92	7.42e-014	-7.11e-015	4.83e-013	1.16e-010
43	89	-4.55e-013	-187.93	-6.59e-003	6.45e-003	0.42	-23497.14
	105	4.55e-013	318.57	6.59e-003	-6.45e-003	2.88e-002	6374.53
44	97	-4.55e-013	-347.08	2.10e-013	-7.11e-015	-3.55e-012	-6374.53
	67	4.55e-013	380.92	-2.10e-013	7.11e-015	1.71e-013	0.00
45	73	-1.02e-012	-187.93	6.59e-003	6.46e-003	-0.42	-23497.14
	97	1.02e-012	318.57	-6.59e-003	-6.46e-003	-2.88e-002	6374.53
46	81	-2.27e-013	-14.26	3.24e-002	6.44e-003	-1.94	-30020.60
	89	2.27e-013	159.41	-3.24e-002	-6.44e-003	-0.50	23497.15
47	74	2.27e-013	159.41	-0.15	2.45e-003	9.14	-23497.15
	81	-2.27e-013	-14.26	0.15	-2.45e-003	2.30	30020.60
48	70	-1.14e-012	-14.26	-3.24e-002	6.53e-003	1.94	-30020.59
	73	1.14e-012	159.41	3.24e-002	-6.53e-003	0.50	23497.14
49	69	-1.82e-012	159.41	0.15	1.05e-002	-9.14	-23497.14
	70	1.82e-012	-14.26	-0.15	-1.05e-002	-2.30	30020.59
50	63	0.10	-10.68	1.82e-004	-0.30	-6.31e-003	50.69
	700	-0.10	18.10	-1.82e-004	0.30	-6.70e-003	-1080.79
51	698	0.10	18.23	-2.85e-005	-0.34	3.97e-003	1100.49
	66	-0.10	-10.81	2.85e-005	0.34	-1.93e-003	-60.89
52	65	-4.33e-002	-10.63	1.26e-004	0.31	-6.49e-003	58.52
	701	4.33e-002	18.05	-1.26e-004	-0.31	-2.53e-003	-1085.34
53	699	-1.12e-002	18.31	2.67e-005	0.31	-4.87e-004	1101.66
	64	1.12e-002	-10.89	-2.67e-005	-0.31	-1.43e-003	-56.37
54	65	5.49e-003	-14.01	1.16e-003	1.59	-2.71e-002	-893.36
	710	-5.49e-003	19.61	-1.16e-003	-1.59	-3.58e-002	-14.45
55	63	1.57e-002	5.84	9.29e-005	7.02e-003	-7.06e-003	-498.37
	65	-1.57e-002	5.76	-9.29e-005	-7.02e-003	-3.35e-003	502.65
56	58	2.49e-002	19.53	1.27e-003	-1.58	-3.76e-002	14.43
	63	-2.49e-002	-13.94	-1.27e-003	1.58	-3.08e-002	889.23
57	66	7.60e-002	-14.39	1.79e-003	-1.59	-4.51e-002	-913.53
	60	-7.60e-002	19.99	-1.79e-003	1.59	-5.18e-002	-14.84
58	64	6.41e-002	5.98	8.57e-005	-1.34e-002	-4.30e-003	-498.17

	66	-6.41e-002	5.63	-8.57e-005	1.34e-002	-5.30e-003	518.06
59	59	3.05e-002	19.66	7.13e-004	1.58	-2.19e-002	14.76
	64	-3.05e-002	-14.07	-7.13e-004	-1.58	-1.66e-002	895.98
60	706	4.56e-003	25.86	-1.24e-003	1.46	3.38e-002	14.92
	66	-4.56e-003	-8.77	1.24e-003	-1.46	2.45e-002	798.76
61	66	-1.45e-002	20.20	-3.79e-004	-1.00e-002	1.82e-002	-414.63
	65	1.45e-002	19.80	3.79e-004	1.00e-002	2.34e-002	436.62
62	65	-2.67e-002	-9.14	-3.09e-004	-1.44	4.00e-003	-816.31
	702	2.67e-002	26.23	3.09e-004	1.44	1.05e-002	-14.80
63	63	8.20e-002	-9.23	-1.86e-003	1.43	3.95e-002	-820.67
	703	-8.20e-002	26.32	1.86e-003	-1.43	4.78e-002	-14.83
64	64	6.37e-002	20.08	-2.01e-004	6.43e-003	1.09e-002	-430.73
	63	-6.37e-002	19.91	2.01e-004	-6.43e-003	1.13e-002	440.16
65	707	3.02e-002	26.26	-4.70e-004	-1.44	1.28e-002	15.14
	64	-3.02e-002	-9.17	4.70e-004	1.44	9.26e-003	817.57
77	702	6.38e-004	28.04	1.89e-003	14.86	-3.81e-002	237.28
	701	-6.38e-004	-11.60	-1.89e-003	-14.86	-6.39e-002	833.07
78	703	0.32	17.12	1.11e-003	6.19e-002	-0.15	244.87
	702	-0.32	16.96	-1.11e-003	-6.19e-002	2.76e-002	-235.84
79	700	-8.14e-002	-11.71	4.75e-003	-14.76	-0.36	-829.55
	703	8.14e-002	28.14	-4.75e-003	14.76	0.10	-246.30
80	706	3.82e-002	27.63	1.34e-002	-15.07	-0.35	203.90
	698	-3.82e-002	-11.20	-1.34e-002	15.07	-0.37	844.59
81	707	0.26	17.68	-4.91e-003	-0.15	0.23	273.45
	706	-0.26	16.41	4.91e-003	0.15	0.32	-202.43
82	699	5.56e-002	-12.53	1.12e-002	14.99	-0.36	-845.47
	707	-5.56e-002	28.97	-1.12e-002	-14.99	-0.25	-274.89
83	710	-6.24e-002	29.23	1.78e-002	-14.59	-0.90	221.50
	701	6.24e-002	-11.16	-1.78e-002	14.59	6.65e-002	727.65
84	60	-0.11	22.22	-1.48e-002	-0.14	0.69	338.23
	710	0.11	20.06	1.48e-002	0.14	0.94	-219.91
85	698	-0.11	-13.90	5.74e-003	14.70	0.37	-737.82
	60	0.11	31.96	-5.74e-003	-14.70	-0.64	-339.81
86	58	6.77e-002	28.98	-6.44e-003	14.50	-6.49e-002	213.00
	700	-6.77e-002	-10.92	6.44e-003	-14.50	0.37	724.56
87	59	0.28	21.86	-2.03e-003	6.76e-002	0.12	290.73
	58	-0.28	20.42	2.03e-003	-6.76e-002	0.10	-211.42
88	699	8.45e-002	-12.90	-5.54e-003	-14.70	0.36	-738.50
	59	-8.45e-002	30.96	5.54e-003	14.70	-0.10	-292.31
89	708	226.41	3.40e-002	0.20	0.00	-47.13	8.15
	59	-72.49	-3.40e-002	-0.20	0.00	0.00	0.00
90	709	222.85	2.05e-002	-0.22	0.00	51.62	4.92
	58	-68.93	-2.05e-002	0.22	0.00	0.00	0.00
95	704	226.83	0.21	4.63e-002	0.00	-11.11	50.08
	707	-72.91	-0.21	-4.63e-002	0.00	0.00	0.00
96	705	223.82	-0.23	-1.37e-002	0.00	3.30	-54.67
	706	-69.90	0.23	1.37e-002	0.00	0.00	0.00
101	142	102.78	4.16e-002	6.59e-002	0.00	-15.82	9.99
	699	7.12	-4.16e-002	-6.59e-002	0.00	0.00	0.00
102	131	105.38	2.72e-003	-0.14	0.00	33.67	0.65
	700	4.52	-2.72e-003	0.14	0.00	0.00	0.00

Equazioni.....	4234
Semibanda.....	300
Numero blocchi.....	1
Zero algoritmico.....	5.6069e-007
Tempo totale analisi (sec).....	5.78
Metodo di combinazione modale....	CQC
Smorzamento predefinito.....	5.00e-002
Fattore Rayleight masse.....	0.00
Fattore Rayleight rigidezza.....	1.00

ACCELERAZIONI SISMICHE

Vect.	X	Y	Z	Spettro
1	67.04	0.00	0.00	SLDh
2	0.00	67.04	0.00	SLDh
3	172.80	0.00	0.00	SLVh
4	0.00	172.80	0.00	SLVh

Masse abilitate secondo: " X Y "

COEFFICIENTI DI PARTECIPAZIONE MODALE - ANALISI "_141" (Fase 1)

Modo	x	y	z
1	0.19	6.03	0.00
2	1.98	-0.15	0.00
3	4.89	-0.33	0.00
4	-1.64	-1.58	0.00
5	1.91	-1.04	0.00
6	-1.91	-8.99e-002	0.00
7	-0.33	5.80e-003	0.00
8	-1.84	-5.25e-002	0.00
9	-0.88	5.28e-003	0.00
10	-1.24	2.32	0.00
11	-1.18	-2.02	0.00
12	1.15	5.63e-002	0.00
13	-1.27	-5.29e-002	0.00
14	-0.82	8.00e-002	0.00
15	-0.94	-0.20	0.00
16	-0.40	3.95e-002	0.00
17	0.16	-2.44e-002	0.00
18	-1.11	-0.74	0.00
19	6.59e-002	0.16	0.00
20	4.70e-003	8.26e-002	0.00
21	5.95e-003	0.13	0.00
22	-9.58e-003	-0.32	0.00
23	-3.95e-002	-0.34	0.00
24	-0.10	-0.66	0.00
25	-1.61	0.78	0.00
26	-6.34e-002	0.98	0.00
27	0.13	6.87e-002	0.00
28	0.62	0.72	0.00
29	-0.37	0.88	0.00
30	-0.55	0.22	0.00
31	0.77	0.71	0.00
32	-0.59	-0.14	0.00
33	-0.88	-5.45e-003	0.00
34	-0.24	5.37e-002	0.00
35	-0.56	0.47	0.00
36	-0.13	0.55	0.00
37	6.11e-002	0.45	0.00
38	6.51e-002	0.97	0.00
39	0.65	0.14	0.00
40	0.18	0.86	0.00
41	-0.12	-0.52	0.00
42	-0.75	0.86	0.00
43	-0.40	-0.78	0.00
44	0.22	0.12	0.00
45	-0.27	5.72e-002	0.00
46	0.60	0.84	0.00
47	0.34	-0.58	0.00
48	-0.79	0.28	0.00

49	2.95e-002	0.32	0.00
50	-5.46e-002	-1.76e-002	0.00
51	-0.40	-0.18	0.00
52	0.34	0.72	0.00
53	-5.02e-002	0.72	0.00
54	0.18	-0.45	0.00
55	-0.92	-3.74e-002	0.00
56	-0.42	0.31	0.00
57	-0.56	4.31e-002	0.00
58	-0.40	0.64	0.00
59	8.70e-002	0.19	0.00
60	0.27	0.65	0.00

MASSA MODALE RELATIVA - ANALISI "_141" (Fase 1)

Modo	x	y	z	s
1	5.21e-004	0.51	0.00	0.26
2	5.56e-002	3.22e-004	0.00	2.80e-002
3	0.34	1.56e-003	0.00	0.17
4	3.82e-002	3.55e-002	0.00	3.68e-002
5	5.17e-002	1.52e-002	0.00	3.34e-002
6	5.14e-002	1.14e-004	0.00	2.57e-002
7	1.54e-003	4.75e-007	0.00	7.69e-004
8	4.81e-002	3.90e-005	0.00	2.41e-002
9	1.09e-002	3.94e-007	0.00	5.46e-003
10	2.16e-002	7.62e-002	0.00	4.89e-002
11	1.98e-002	5.79e-002	0.00	3.89e-002
12	1.85e-002	4.48e-005	0.00	9.29e-003
13	2.27e-002	3.96e-005	0.00	1.14e-002
14	9.54e-003	9.05e-005	0.00	4.82e-003
15	1.25e-002	5.46e-004	0.00	6.54e-003
16	2.28e-003	2.20e-005	0.00	1.15e-003
17	3.61e-004	8.39e-006	0.00	1.85e-004
18	1.73e-002	7.66e-003	0.00	1.25e-002
19	6.13e-005	3.70e-004	0.00	2.16e-004
20	3.12e-007	9.63e-005	0.00	4.83e-005
21	5.01e-007	2.44e-004	0.00	1.22e-004
22	1.30e-006	1.46e-003	0.00	7.33e-004
23	2.20e-005	1.64e-003	0.00	8.30e-004
24	1.28e-004	6.21e-003	0.00	3.17e-003
25	3.64e-002	8.70e-003	0.00	2.26e-002
26	5.68e-005	1.37e-002	0.00	6.86e-003
27	2.46e-004	6.67e-005	0.00	1.56e-004
28	5.49e-003	7.37e-003	0.00	6.43e-003
29	1.90e-003	1.10e-002	0.00	6.47e-003
30	4.22e-003	6.65e-004	0.00	2.44e-003
31	8.47e-003	7.12e-003	0.00	7.79e-003
32	4.98e-003	2.87e-004	0.00	2.64e-003
33	1.10e-002	4.20e-007	0.00	5.50e-003
34	8.19e-004	4.07e-005	0.00	4.30e-004
35	4.45e-003	3.10e-003	0.00	3.78e-003
36	2.33e-004	4.28e-003	0.00	2.25e-003
37	5.28e-005	2.87e-003	0.00	1.46e-003
38	5.98e-005	1.33e-002	0.00	6.68e-003
39	6.06e-003	2.67e-004	0.00	3.16e-003
40	4.38e-004	1.06e-002	0.00	5.49e-003
41	2.06e-004	3.85e-003	0.00	2.03e-003
42	7.93e-003	1.05e-002	0.00	9.24e-003
43	2.22e-003	8.61e-003	0.00	5.41e-003
44	7.10e-004	2.21e-004	0.00	4.65e-004
45	1.06e-003	4.62e-005	0.00	5.55e-004
46	5.14e-003	9.90e-003	0.00	7.52e-003
47	1.67e-003	4.71e-003	0.00	3.19e-003
48	8.90e-003	1.07e-003	0.00	4.99e-003
49	1.23e-005	1.43e-003	0.00	7.20e-004
50	4.22e-005	4.39e-006	0.00	2.33e-005
51	2.29e-003	4.81e-004	0.00	1.39e-003
52	1.65e-003	7.26e-003	0.00	4.45e-003

53 3.57e-005 7.42e-003 0.00 3.73e-003
54 4.59e-004 2.87e-003 0.00 1.67e-003
55 1.20e-002 1.97e-005 0.00 6.00e-003
56 2.54e-003 1.37e-003 0.00 1.95e-003
57 4.44e-003 2.63e-005 0.00 2.24e-003
58 2.23e-003 5.83e-003 0.00 4.03e-003
59 1.07e-004 5.29e-004 0.00 3.18e-004
60 1.05e-003 5.98e-003 0.00 3.52e-003

0.86	0.87	0.00	0.87
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SMORZAMENTO MODALE - ANALISI "_141" (Fase 1)

Modo Smorzamento

1 5.00e-002
2 5.00e-002
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SFORZI "Dinamica SLDh X" (Fase 1)

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
11	681	-84.17	-8.32	-0.33	-0.33	12.14	-522.87
	63	84.17	8.32	0.33	0.33	15.62	206.85
12	66	-76.07	3.07	0.72	2.03	-34.18	-291.76
	681	76.07	-3.07	-0.72	-2.03	-22.42	525.17
13	681	63.99	8.19	-0.61	-0.42	20.99	514.35
	65	-63.99	-8.19	0.61	0.42	27.67	-209.45
14	64	57.35	-3.25	0.38	2.20	-20.24	272.23
	681	-57.35	3.25	-0.38	-2.20	-10.47	-516.36
15	679	-153.92	-134.34	-105.66	9.17e-016	10189.35	-9758.38
	627	153.92	134.34	105.66	-9.17e-016	-2702.74	-7256.27
16	20	-153.92	-275.46	-148.07	9.21e-013	19848.04	-27022.95
	679	153.92	275.46	148.07	-9.21e-013	-10189.35	9758.38
17	678	144.36	-168.84	-106.25	-5.89e-014	10330.36	-11074.18
	625	-144.36	168.84	106.25	5.89e-014	-2691.91	-8872.95
18	10	144.36	-362.39	-148.16	-4.94e-013	20004.46	-34837.82
	678	-144.36	362.39	148.16	4.94e-013	-10330.36	11074.18
19	627	-153.92	120.94	-45.05	0.00	2702.74	7256.27
	710	153.92	-120.94	45.05	0.00	0.00	0.00
20	625	144.36	147.88	-44.87	0.00	2691.91	8872.95
	60	-144.36	-147.88	44.87	0.00	0.00	0.00
21	138	-105.28	-72.55	-86.62	0.00	20787.69	-17411.17
	701	105.28	72.55	86.62	0.00	0.00	0.00
22	134	-270.07	-150.73	-88.71	0.00	21289.29	-36174.85
	698	270.07	150.73	88.71	0.00	0.00	0.00
23	624	13.11	-382.03	24.44	9.79	-1326.00	-21353.14
	623	-13.11	382.03	-24.44	-9.79	-1412.43	-21434.35
24	624	-72.03	-147.12	35.27	0.00	-3526.68	-14711.89
	703	72.03	147.12	-35.27	0.00	0.00	0.00
25	696	-446.79	-179.18	41.64	-1326.00	-8943.06	-18313.43
	624	446.79	179.18	-41.64	1326.00	3520.30	-6806.91
26	623	66.27	-144.03	-41.71	0.00	4171.38	-14403.36
	702	-66.27	144.03	41.71	0.00	0.00	0.00
27	697	441.96	-186.76	-42.26	-1412.43	9465.37	-19003.73
	623	-441.96	186.76	42.26	1412.43	-4164.11	-7175.00
28	166	24.26	-0.10	290.17	-1.62	216.38	-2.26
	110	-24.26	0.10	-290.17	1.62	-23214.43	-6.93
29	118	-13.22	-0.10	290.04	-1.62	-23196.65	-9.48
	166	13.22	0.10	-290.04	1.62	-216.38	2.26
30	158	19.69	-3.67e-004	315.09	-1.62	-192.58	-2.61e-002
	69	-19.69	3.67e-004	-315.09	1.62	-25204.36	-2.57e-002
31	74	-22.10	-3.67e-004	315.12	-1.62	-25208.08	-4.93e-002
	158	22.10	3.67e-004	-315.12	1.62	192.58	2.61e-002
32	153	28.99	1.61e-005	275.56	-1.62	-196.87	-2.72e-004
	70	-28.99	-1.61e-005	-275.56	1.62	-22047.64	1.47e-003
33	81	-28.60	1.61e-005	275.79	-1.62	-22055.98	1.15e-003
	153	28.60	-1.61e-005	-275.79	1.62	196.87	2.72e-004
34	145	36.86	-1.40e-004	188.37	-1.62	-194.70	-2.83e-006

	73	-36.86	1.40e-004	-188.37	1.62	-15074.00	-1.12e-002
35	89	-36.79	-1.40e-004	188.76	-1.62	-15089.18	-1.12e-002
	145	36.79	1.40e-004	-188.76	1.62	194.70	2.83e-006
36	136	44.48	-3.83e-002	109.62	-1.62	-215.33	-3.31e-008
	97	-44.48	3.83e-002	-109.62	1.62	-8773.00	-3.06
37	105	-45.00	-3.83e-002	110.09	-1.62	-8789.77	-3.06
	136	45.00	3.83e-002	-110.09	1.62	215.33	3.31e-008
38	118	-902.50	2.83e-002	-425.14	3.12	15647.19	2.86
	74	902.50	-2.83e-002	425.14	-3.12	13163.10	-0.97
39	579	-1191.19	-7.23e-002	-434.19	12.53	0.00	0.00
	118	1191.19	7.23e-002	434.19	-12.53	7603.83	-1.27
40	110	896.35	-2.83e-002	-423.83	3.08	15577.51	-2.86
	69	-896.35	2.83e-002	423.83	-3.08	13149.81	0.97
41	516	1185.51	7.23e-002	-440.57	9.86	0.00	0.00
	110	-1185.51	-7.23e-002	440.57	-9.86	7715.48	1.27
42	105	1.90	6.70e-002	-9.63	4.79e-016	168.58	1.17
	68	-1.90	-6.70e-002	9.63	-4.79e-016	1.12e-009	2.69e-012
43	89	-115.01	2.87e-002	-143.96	3.06	1448.67	1.50
	105	115.01	-2.87e-002	143.96	-3.06	8622.88	0.45
44	97	1.41	-6.70e-002	-9.63	4.55e-016	168.60	-1.17
	67	-1.41	6.70e-002	9.63	-4.55e-016	2.20e-009	-7.56e-012
45	73	112.48	-2.87e-002	-143.43	3.06	1416.01	-1.50
	97	-112.48	2.87e-002	143.43	-3.06	8606.25	-0.45
46	81	-308.49	2.86e-002	-276.46	3.07	6816.69	2.03
	89	308.49	-2.86e-002	276.46	-3.07	14120.46	0.17
47	74	-587.07	2.86e-002	-371.59	3.07	12369.09	2.56
	81	587.07	-2.86e-002	371.59	-3.07	15670.11	-0.44
48	70	303.69	-2.86e-002	-276.25	3.07	6802.65	-2.03
	73	-303.69	2.86e-002	276.25	-3.07	14115.83	-0.17
49	69	581.08	-2.86e-002	-371.70	3.07	12371.85	-2.56
	70	-581.08	2.86e-002	371.70	-3.07	15673.17	0.44
50	63	-131.88	10.34	-0.11	-0.70	-4.74	-422.83
	700	131.88	-10.34	0.11	0.70	4.37	1131.30
51	698	71.36	22.16	5.71e-002	2.61	-9.08	2561.30
	66	-71.36	-22.16	-5.71e-002	-2.61	9.02	-988.01
52	65	140.03	-8.77	-0.15	-0.65	-4.66	306.17
	701	-140.03	8.77	0.15	0.65	10.97	-897.14
53	699	-48.53	-19.60	-0.16	2.85	2.16	-2295.29
	64	48.53	19.60	0.16	-2.85	9.72	904.92
54	65	-91.74	8.31	-2.29	0.61	50.07	431.18
	710	91.74	-8.31	2.29	-0.61	74.12	-20.76
55	63	-47.54	-4.68	-0.45	0.15	24.85	-251.42
	65	47.54	4.68	0.45	-0.15	25.55	-297.17
56	58	-21.10	8.69	-1.83	0.73	55.86	-24.38
	63	21.10	-8.69	1.83	-0.73	42.98	446.91
57	66	-113.93	37.85	1.17	-2.49	-26.34	2061.88
	60	113.93	-37.85	-1.17	2.49	-38.15	-22.15
58	64	-55.15	-53.82	0.39	2.87	-21.73	-3061.21
	66	55.15	53.82	-0.39	-2.87	-21.89	-2969.70
59	59	-28.40	40.82	-0.69	-2.42	19.95	-17.35
	64	28.40	-40.82	0.69	2.42	17.38	2218.65
60	706	-13.87	54.60	-3.07	-0.78	76.10	55.69
	66	13.87	-54.60	3.07	0.78	68.20	2511.65

61	66	83.20	-19.58	0.40	-0.67	-24.94	-1709.92
	65	-83.20	19.58	-0.40	0.67	-20.13	538.24
62	65	36.63	-7.20	4.04	-0.60	-87.29	-341.58
	702	-36.63	7.20	-4.04	0.60	-102.64	-9.30
63	63	-27.75	6.19	3.39	-0.85	-71.70	296.04
	703	27.75	-6.19	-3.39	0.85	-87.63	12.42
64	64	-44.36	21.96	0.31	-0.67	-20.03	1878.04
	63	44.36	-21.96	-0.31	0.67	-14.83	-581.78
65	707	23.80	-57.04	-1.92	-1.01	48.25	-52.45
	64	-23.80	57.04	1.92	1.01	41.96	-2628.99
77	702	-116.57	38.21	-20.77	10.16	-489.24	1465.83
	701	116.57	-38.21	20.77	-10.16	1382.63	685.43
78	703	-18.42	-27.53	-9.30	1.21	503.67	-1637.53
	702	18.42	27.53	9.30	-1.21	563.21	-1465.36
79	700	97.26	45.51	-15.04	13.13	899.22	864.60
	703	-97.26	-45.51	15.04	-13.13	-446.16	1638.32
80	706	-33.09	293.29	14.41	-20.89	669.07	13899.84
	698	33.09	-293.29	-14.41	20.89	-1195.79	1963.69
81	707	-29.81	-248.10	13.04	35.23	-746.58	-13887.33
	706	29.81	248.10	-13.04	-35.23	-734.09	-13900.55
82	699	-28.07	289.45	-11.25	-17.53	-342.58	1760.80
	707	28.07	-289.45	11.25	17.53	703.74	13886.36
83	710	-88.43	84.28	49.92	-9.18	-1224.82	-3413.52
	701	88.43	-84.28	-49.92	9.18	-1393.30	599.55
84	60	-83.76	61.61	21.58	12.09	-1749.69	3366.27
	710	83.76	-61.61	-21.58	-12.09	1215.13	3413.32
85	698	-110.36	-62.84	-60.82	30.16	1204.65	-1700.57
	60	110.36	62.84	60.82	-30.16	1753.86	-3364.62
86	58	70.93	-99.26	27.86	-11.75	-568.01	3941.43
	700	-70.93	99.26	-27.86	11.75	-903.37	-756.32
87	59	62.78	-71.26	9.51	13.20	-842.94	-3900.05
	58	-62.78	71.26	-9.51	-13.20	552.50	-3940.97
88	699	55.48	61.76	-22.94	27.70	341.80	1522.34
	59	-55.48	-61.76	22.94	-27.70	832.41	3897.94
89	708	-166.58	-88.40	55.71	0.00	-13371.31	-21215.55
	59	166.58	88.40	-55.71	0.00	0.00	0.00
90	709	178.95	-58.70	55.14	0.00	-13233.21	-14086.84
	58	-178.95	58.70	-55.14	0.00	0.00	0.00
95	704	-594.33	-111.11	38.14	0.00	-9152.72	-26667.45
	707	594.33	111.11	-38.14	0.00	0.00	0.00
96	705	595.57	-111.25	-40.09	0.00	9621.74	-26699.90
	706	-595.57	111.25	40.09	0.00	0.00	0.00
101	142	236.74	-151.43	78.13	0.00	-18752.11	-36344.04
	699	-236.74	151.43	-78.13	0.00	0.00	0.00
102	131	130.08	-70.57	76.39	0.00	-18333.45	-16936.83
	700	-130.08	70.57	-76.39	0.00	0.00	0.00

SFORZI "Dinamica SLDh Y" (Fase 1)

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
11	681	86.20	16.31	-0.14	-3.76	3.14	70.86
	63	-86.20	-16.31	0.14	3.76	7.98	1285.38
12	66	79.06	12.17	0.10	4.73	5.22	958.24
	681	-79.06	-12.17	-0.10	-4.73	-3.88	-70.84

13	681	-78.73	13.02	0.13	4.24	-3.95	-70.76
	65	78.73	-13.02	-0.13	-4.24	-7.13	1010.87
14	64	-86.14	17.15	-0.15	-3.45	8.26	1365.56
	681	86.14	-17.15	0.15	3.45	4.13	72.57
15	679	1695.17	21.97	-172.25	5.16e-016	13873.36	1236.30
	627	-1695.17	-21.97	172.25	-5.16e-016	5444.39	-1645.31
16	20	1695.17	46.29	-356.51	-1.28e-013	38229.31	3864.44
	679	-1695.17	-46.29	356.51	1.28e-013	-13873.36	-1236.30
17	678	-1692.60	-30.87	-172.41	-1.17e-013	13901.01	-3180.17
	625	1692.60	30.87	172.41	1.17e-013	5434.31	1344.38
18	10	-1692.60	-46.51	-356.64	-1.62e-013	38266.56	-5773.03
	678	1692.60	46.51	356.64	1.62e-013	-13901.01	3180.17
19	627	1695.17	27.42	90.74	0.00	-5444.39	1645.31
	710	-1695.17	-27.42	-90.74	0.00	0.00	0.00
20	625	-1692.60	-22.41	90.57	0.00	-5434.31	-1344.38
	60	1692.60	22.41	-90.57	0.00	0.00	0.00
21	138	-948.95	27.25	-139.03	0.00	33367.59	6540.04
	701	948.95	-27.25	139.03	0.00	0.00	0.00
22	134	884.99	-44.05	-139.73	0.00	33534.67	-10571.27
	698	-884.99	44.05	139.73	0.00	0.00	0.00
23	624	10.07	126.06	16.37	3.94	-859.31	7007.87
	623	-10.07	-126.06	-16.37	-3.94	-974.68	7110.80
24	624	-14.83	53.76	-55.08	0.00	5508.22	5375.94
	703	14.83	-53.76	55.08	0.00	0.00	0.00
25	696	123.92	55.58	-120.66	-859.31	21717.04	5975.69
	624	-123.92	-55.58	120.66	859.31	-5510.31	1893.35
26	623	44.14	49.56	-65.47	0.00	6547.23	4956.20
	702	-44.14	-49.56	65.47	0.00	0.00	0.00
27	697	-105.58	64.75	-105.11	-974.68	21009.30	6815.86
	623	105.58	-64.75	105.11	974.68	-6544.24	2292.95
28	166	-38.68	-1.86e-002	-28.68	-0.44	1131.57	2.95
	110	38.68	1.86e-002	28.68	0.44	2387.13	-3.95
29	118	-40.63	-1.86e-002	59.29	-0.44	-3792.23	2.49
	166	40.63	1.86e-002	-59.29	0.44	-1131.57	-2.95
30	158	7.07	-6.77e-005	-32.73	-0.44	1196.06	3.41e-002
	69	-7.07	6.77e-005	32.73	0.44	2763.35	-3.72e-002
31	74	4.16	-6.77e-005	62.43	-0.44	-4021.76	3.15e-002
	158	-4.16	6.77e-005	-62.43	0.44	-1196.06	-3.41e-002
32	153	-3.05	3.36e-006	-31.45	-0.44	1200.86	3.55e-004
	70	3.05	-3.36e-006	31.45	0.44	2499.43	2.82e-004
33	81	-6.20	3.36e-006	57.85	-0.44	-3661.70	5.63e-004
	153	6.20	-3.36e-006	-57.85	0.44	-1200.86	-3.55e-004
34	145	15.93	-3.86e-005	-26.34	-0.44	1187.31	3.69e-006
	73	-15.93	3.86e-005	26.34	0.44	1718.02	-3.09e-003
35	89	11.29	-3.86e-005	47.43	-0.44	-2788.82	-3.09e-003
	145	-11.29	3.86e-005	-47.43	0.44	-1187.31	-3.69e-006
36	136	-22.49	-1.04e-002	-24.15	-0.44	1267.82	4.31e-008
	97	22.49	1.04e-002	24.15	0.44	1071.44	-0.83
37	105	-28.52	-1.04e-002	38.41	-0.44	-1919.09	-0.83
	136	28.52	1.04e-002	-38.41	0.44	-1267.82	-4.31e-008
38	118	-483.46	7.22e-003	-61.30	0.82	2171.19	0.63
	74	483.46	-7.22e-003	61.30	-0.82	1998.76	-0.16
39	579	-594.29	-1.18e-002	-97.35	2.37	0.00	0.00

	118	594.29	1.18e-002	97.35	-2.37	1704.84	-0.21
40	110	-335.40	-7.22e-003	48.39	0.87	-1917.99	-0.63
	69	335.40	7.22e-003	-48.39	-0.87	-1368.80	0.16
41	516	-397.46	1.18e-002	38.70	4.76	0.00	0.00
	110	397.46	-1.18e-002	-38.70	-4.76	-677.70	0.21
42	105	-6.03	1.77e-002	-1.28	1.27e-016	22.48	0.31
	68	6.03	-1.77e-002	1.28	-1.27e-016	2.39e-010	1.46e-011
43	89	-100.33	7.32e-003	-38.54	0.83	749.93	0.36
	105	100.33	-7.32e-003	38.54	-0.83	1899.69	0.13
44	97	-5.68	-1.77e-002	1.30	2.35e-016	-22.77	-0.31
	67	5.68	1.77e-002	-1.30	-2.35e-016	3.22e-010	-1.46e-011
45	73	-80.96	-7.32e-003	22.22	0.83	-643.34	-0.36
	97	80.96	7.32e-003	-22.22	-0.83	-1059.01	-0.13
46	81	-220.65	7.28e-003	-45.40	0.84	1251.37	0.47
	89	220.65	-7.28e-003	45.40	-0.84	2169.95	8.30e-002
47	74	-351.38	7.29e-003	-59.77	0.84	2068.58	0.58
	81	351.38	-7.29e-003	59.77	-0.84	2431.16	6.11e-002
48	70	-169.87	-7.28e-003	33.04	0.84	-839.47	-0.47
	73	169.87	7.28e-003	-33.04	-0.84	-1709.45	-8.30e-002
49	69	-255.62	-7.29e-003	42.61	0.84	-1473.52	-0.58
	70	255.62	7.29e-003	-42.61	-0.84	-1752.95	-6.11e-002
50	63	90.59	-58.42	0.15	-6.19	-6.99	1154.31
	700	-90.59	58.42	-0.15	6.19	-4.16	-5334.27
51	698	47.82	-69.52	4.12e-002	8.36	1.40	-6807.83
	66	-47.82	69.52	-4.12e-002	-8.36	-2.42	1831.92
52	65	-51.89	-74.43	3.54e-002	7.95	-2.44	2087.54
	701	51.89	74.43	-3.54e-002	-7.95	-1.82	-7415.56
53	699	-86.85	-63.41	0.14	-5.85	-3.35	-5888.33
	64	86.85	63.41	-0.14	5.85	-6.79	1350.78
54	65	-15.64	-95.06	1.07	1.01	-25.81	-4992.59
	710	15.64	95.06	-1.07	-1.01	-31.93	-140.68
55	63	15.15	4.91	0.17	0.39	-8.77	-2162.18
	65	-15.15	-4.91	-0.17	-0.39	-9.82	2687.59
56	58	6.87	75.19	1.69	0.26	-50.12	105.99
	63	-6.87	-75.19	-1.69	-0.26	-41.05	3954.25
57	66	15.76	101.51	1.02	0.48	-24.58	5348.36
	60	-15.76	-101.51	-1.02	-0.48	-30.73	133.53
58	64	-17.42	-14.86	0.13	0.89	-6.71	1706.83
	66	17.42	14.86	-0.13	-0.89	-7.88	-3280.10
59	59	-13.89	-70.43	1.63	-0.39	-48.12	-112.36
	64	13.89	70.43	-1.63	0.39	-39.93	-3691.23
60	706	6.69	88.63	-1.05	-6.94	27.29	-74.67
	66	-6.69	-88.63	1.05	6.94	22.24	4240.08
61	66	-8.50	-108.78	-0.21	5.54	11.44	-6111.96
	65	8.50	108.78	0.21	-5.54	11.57	-5853.96
62	65	-14.98	78.44	-1.34	-6.95	28.32	3772.40
	702	14.98	-78.44	1.34	6.95	34.66	-85.96
63	63	31.93	62.36	-1.54	4.76	31.55	3000.64
	703	-31.93	-62.36	1.54	-4.76	41.02	-69.77
64	64	8.65	-82.89	-0.33	-5.05	18.41	-4460.88
	63	-8.65	82.89	0.33	5.05	18.30	-4657.98
65	707	-27.12	54.12	-1.29	4.71	34.86	-80.49
	64	27.12	-54.12	1.29	-4.71	25.69	2623.32

77	702	32.84	111.85	9.70	91.08	-247.30	409.14
	701	-32.84	-111.85	-9.70	-91.08	-444.04	5654.42
78	703	-17.00	-10.68	-5.10	5.13	361.79	-818.02
	702	17.00	10.68	5.10	-5.13	252.05	-402.61
79	700	-57.70	-61.07	16.96	-64.67	-595.57	-4063.92
	703	57.70	61.07	-16.96	64.67	-382.15	813.49
80	706	-13.16	-56.16	8.59	85.53	-214.85	2609.47
	698	13.16	56.16	-8.59	-85.53	-359.10	-5188.63
81	707	17.87	-41.31	-4.37	11.28	332.44	-2023.49
	706	-17.87	41.31	4.37	-11.28	215.16	-2615.84
82	699	36.07	117.10	15.74	-69.47	-526.31	4488.49
	707	-36.07	-117.10	-15.74	69.47	-355.87	2027.46
83	710	126.43	911.57	-15.12	-66.04	-437.01	37878.31
	701	-126.43	-911.57	15.12	66.04	444.58	4965.57
84	60	9.10	-688.54	-7.24	74.64	370.79	-37861.75
	710	-9.10	688.54	7.24	-74.64	444.53	-37877.31
85	698	-122.34	902.58	-10.71	-58.94	359.45	4561.33
	60	122.34	-902.58	10.71	58.94	-357.04	37862.18
86	58	-21.50	703.20	-9.73	44.32	-380.06	29479.50
	700	21.50	-703.20	9.73	-44.32	599.55	3571.41
87	59	-6.88	-536.52	-7.58	-61.70	421.61	-29537.06
	58	6.88	536.52	7.58	61.70	419.78	-29479.70
88	699	17.08	712.22	-5.65	50.73	529.63	3939.70
	59	-17.08	-712.22	5.65	-50.73	-376.84	29537.35
89	708	-1319.11	-20.80	-84.11	0.00	20187.57	-4992.18
	59	1319.11	20.80	84.11	0.00	0.00	0.00
90	709	1314.90	7.73	-84.51	0.00	20282.00	1854.72
	58	-1314.90	-7.73	84.51	0.00	0.00	0.00
95	704	-107.99	-32.25	-76.93	0.00	18464.25	-7740.61
	707	107.99	32.25	76.93	0.00	0.00	0.00
96	705	86.22	-31.55	-84.90	0.00	20376.02	-7571.72
	706	-86.22	31.55	84.90	0.00	0.00	0.00
101	142	763.93	-45.10	-104.23	0.00	25016.05	-10823.16
	699	-763.93	45.10	104.23	0.00	0.00	0.00
102	131	-705.62	25.79	-104.87	0.00	25167.83	6188.99
	700	705.62	-25.79	104.87	0.00	0.00	0.00

SFORZI "Dinamica SLVh X" (Fase 1)

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
11	681	-205.95	-20.54	-0.82	-0.81	29.78	-1288.38
	63	205.95	20.54	0.82	0.81	37.81	507.39
12	66	-186.03	7.56	1.76	5.01	-84.05	-718.76
	681	186.03	-7.56	-1.76	-5.01	-55.16	1294.07
13	681	155.94	20.21	-1.50	-1.04	51.50	1266.98
	65	-155.94	-20.21	1.50	1.04	67.37	512.18
14	64	139.41	-8.00	0.92	5.43	-49.58	670.46
	681	-139.41	8.00	-0.92	-5.43	-25.52	-1271.97
15	679	-377.63	-328.87	-253.92	1.83e-015	24562.97	-23912.01
	627	377.63	328.87	253.92	-1.83e-015	-6476.76	-17589.54
16	20	-377.63	-674.19	-357.50	-5.51e-013	47891.76	-66330.44
	679	377.63	674.19	357.50	5.51e-013	-24562.97	23912.01
17	678	353.80	-414.16	-255.44	-2.28e-013	24918.76	-26950.56
	625	-353.80	414.16	255.44	2.28e-013	-6447.32	-21808.75

18	10	353.80	-892.79	-357.74	-1.87e-012	48286.18	-85722.32
	678	-353.80	892.79	357.74	1.87e-012	-24918.76	26950.56
19	627	-377.63	293.16	-107.95	0.00	6476.76	17589.54
	710	377.63	-293.16	107.95	0.00	0.00	0.00
20	625	353.80	363.48	-107.46	0.00	6447.32	21808.75
	60	-353.80	-363.48	107.46	0.00	0.00	0.00
21	138	-259.06	-176.81	-209.03	0.00	50168.10	-42433.25
	701	259.06	176.81	209.03	0.00	0.00	0.00
22	134	-666.60	-369.68	-214.29	0.00	51430.16	-88723.15
	698	666.60	369.68	214.29	0.00	0.00	0.00
23	624	31.57	-931.95	59.65	23.86	-3233.85	-52086.85
	623	-31.57	931.95	-59.65	-23.86	-3448.52	-52292.25
24	624	-177.70	-358.90	84.35	0.00	-8434.94	-35889.76
	703	177.70	358.90	-84.35	0.00	0.00	0.00
25	696	-1092.85	-436.56	98.49	-3233.85	-21188.47	-44605.30
	624	1092.85	436.56	-98.49	3233.85	8419.10	-16596.51
26	623	163.43	-351.09	-100.26	0.00	10025.68	-35109.28
	702	-163.43	351.09	100.26	0.00	0.00	0.00
27	697	1080.73	-455.77	-100.05	-3448.52	22491.64	-46356.17
	623	-1080.73	455.77	100.05	3448.52	-10007.70	-17530.74
28	166	59.52	-0.25	716.26	-3.99	519.80	-5.46
	110	-59.52	0.25	-716.26	3.99	-57304.94	-17.02
29	118	-31.62	-0.25	716.00	-3.99	-57262.70	-23.36
	166	31.62	0.25	-716.00	3.99	-519.80	5.46
30	158	47.89	-9.03e-004	777.77	-4.00	-463.10	-6.31e-002
	69	-47.89	9.03e-004	-777.77	4.00	-62216.02	-6.15e-002
31	74	-53.93	-9.03e-004	777.89	-4.00	-62226.86	-0.12
	158	53.93	9.03e-004	-777.89	4.00	463.10	6.31e-002
32	153	71.25	3.98e-005	679.96	-4.00	-472.98	-6.57e-004
	70	-71.25	-3.98e-005	-679.96	4.00	-54405.07	3.62e-003
33	81	-70.31	3.98e-005	680.58	-4.00	-54427.34	2.83e-003
	153	70.31	-3.98e-005	-680.58	4.00	472.98	6.57e-004
34	145	90.94	-3.45e-004	464.44	-4.00	-468.14	-6.84e-006
	73	-90.94	3.45e-004	-464.44	4.00	-37167.25	-2.76e-002
35	89	-90.75	-3.45e-004	465.44	-4.00	-37206.48	-2.76e-002
	145	90.75	3.45e-004	-465.44	4.00	468.14	6.84e-006
36	136	109.40	-9.44e-002	270.08	-4.00	-517.36	-7.99e-008
	97	-109.40	9.44e-002	-270.08	4.00	-21617.61	-7.55
37	105	-110.74	-9.44e-002	271.29	-4.00	-21660.61	-7.55
	136	110.74	9.44e-002	-271.29	4.00	517.36	7.99e-008
38	118	-2227.63	6.97e-002	-1049.36	7.68	38623.50	7.04
	74	2227.63	-6.97e-002	1049.36	-7.68	32480.70	-2.38
39	579	-2940.66	-0.18	-1071.68	30.89	0.00	0.00
	118	2940.66	0.18	1071.68	-30.89	18767.78	-3.12
40	110	2211.93	-6.97e-002	-1046.12	7.60	38451.10	-7.04
	69	-2211.93	6.97e-002	1046.12	-7.60	32447.13	2.38
41	516	2926.05	0.18	-1087.38	24.27	0.00	0.00
	110	-2926.05	-0.18	1087.38	-24.27	19042.73	3.12
42	105	4.63	0.17	-23.67	1.02e-015	414.55	2.89
	68	-4.63	-0.17	23.67	-1.02e-015	4.00e-009	-8.35e-012
43	89	-283.54	7.09e-002	-354.26	7.55	3508.11	3.69
	105	283.54	-7.09e-002	354.26	-7.55	21250.02	1.11
44	97	3.42	-0.17	-23.67	9.40e-016	414.60	-2.89

	67	-3.42	0.17	23.67	-9.40e-016	3.98e-009	-2.94e-011
45	73	277.19	-7.09e-002	-352.91	7.55	3425.40	-3.69
	97	-277.19	7.09e-002	352.91	-7.55	21207.36	-1.11
46	81	-760.80	7.05e-002	-681.51	7.58	16754.63	5.00
	89	760.80	-7.05e-002	681.51	-7.58	34837.23	0.40
47	74	-1448.56	7.06e-002	-917.10	7.57	30507.02	6.31
	81	1448.56	-7.06e-002	917.10	-7.57	38678.71	-1.08
48	70	748.72	-7.05e-002	-680.96	7.58	16719.05	-5.00
	73	-748.72	7.05e-002	680.96	-7.58	34825.11	-0.40
49	69	1433.41	-7.06e-002	-917.34	7.57	30512.86	-6.31
	70	-1433.41	7.06e-002	917.34	-7.57	38685.38	1.08
50	63	-323.42	25.44	-0.26	-1.72	-11.26	-1040.58
	700	323.42	-25.44	0.26	1.72	10.67	2784.90
51	698	174.37	54.70	0.14	6.45	-22.33	6322.88
	66	-174.37	-54.70	-0.14	-6.45	22.12	-2438.52
52	65	343.25	-21.58	-0.37	-1.60	-11.19	753.29
	701	-343.25	21.58	0.37	1.60	26.84	-2210.43
53	699	-118.27	-48.37	-0.40	7.04	5.26	-5665.66
	64	118.27	48.37	0.40	-7.04	23.76	2233.28
54	65	-224.39	20.34	-5.63	1.50	122.72	1055.46
	710	224.39	-20.34	5.63	-1.50	181.98	-51.14
55	63	-115.84	-11.41	-1.09	0.36	60.25	-613.35
	65	115.84	11.41	1.09	-0.36	62.00	-725.17
56	58	-51.18	21.28	-4.49	1.80	137.03	-60.04
	63	51.18	-21.28	4.49	-1.80	105.41	1094.05
57	66	-280.39	93.40	2.82	-6.14	-63.55	5088.04
	60	280.39	-93.40	-2.82	6.14	-92.53	-54.61
58	64	-135.53	-132.86	0.95	7.08	-53.13	-7556.46
	66	135.53	132.86	-0.95	-7.08	-53.58	-7330.69
59	59	-69.36	100.72	-1.64	-5.96	47.37	-42.70
	64	69.36	-100.72	1.64	5.96	41.41	5474.68
60	706	-33.46	134.76	-7.54	-1.93	186.93	137.49
	66	33.46	-134.76	7.54	1.93	167.62	6198.94
61	66	204.65	-48.23	0.98	-1.62	-60.81	-4217.55
	65	-204.65	48.23	-0.98	1.62	-48.64	1318.93
62	65	89.83	-17.55	9.87	-1.48	-213.17	-833.12
	702	-89.83	17.55	-9.87	1.48	-250.63	-22.90
63	63	-67.16	15.05	8.28	-2.08	-175.20	719.51
	703	67.16	-15.05	-8.28	2.08	-214.21	30.58
64	64	-108.94	54.12	0.75	-1.62	-48.82	4632.38
	63	108.94	-54.12	-0.75	1.62	-35.68	-1425.53
65	707	58.10	-140.78	-4.71	-2.48	118.43	-129.49
	64	-58.10	140.78	4.71	2.48	103.00	-6488.50
77	702	-284.44	94.26	-50.95	25.04	-1176.94	3613.79
	701	284.44	-94.26	50.95	-25.04	3380.29	1688.83
78	703	-44.17	-67.93	-22.31	2.95	1202.02	-4039.31
	702	44.17	67.93	22.31	-2.95	1357.37	-3612.63
79	700	238.00	112.25	-36.73	32.33	2203.75	2128.41
	703	-238.00	-112.25	36.73	-32.33	-1061.24	4041.25
80	706	-81.07	724.12	35.24	-51.57	1633.90	34317.60
	698	81.07	-724.12	-35.24	51.57	-2941.89	4847.63
81	707	-72.74	-612.55	31.83	86.97	-1818.11	-34287.08
	706	72.74	612.55	-31.83	-86.97	-1794.37	-34319.36

82	699	-67.96	714.65	-26.87	-43.25	-833.59	4346.33
	707	67.96	-714.65	26.87	43.25	1712.21	34284.69
83	710	-213.02	206.89	120.84	-22.62	-2937.94	-8372.78
	701	213.02	-206.89	-120.84	22.62	-3406.42	1477.19
84	60	-205.81	151.08	52.12	29.70	-4284.06	8252.00
	710	205.81	-151.08	-52.12	-29.70	2913.34	8372.27
85	698	-270.17	-153.52	-149.42	74.46	2963.71	-4198.04
	60	270.17	153.52	149.42	-74.46	4295.79	-8247.93
86	58	173.66	-243.57	67.73	-28.94	-1353.33	9665.17
	700	-173.66	243.57	-67.73	28.94	-2213.92	-1861.82
87	59	154.17	-174.76	22.80	32.47	-2061.08	-9564.58
	58	-154.17	174.76	-22.80	-32.47	1313.36	-9664.01
88	699	136.24	150.35	-56.34	68.39	831.52	3757.68
	59	-136.24	-150.35	56.34	-68.39	2036.24	9559.34
89	708	-408.32	-217.06	134.00	0.00	-32159.51	-52094.73
	59	408.32	217.06	-134.00	0.00	0.00	0.00
90	709	438.97	-143.96	132.58	0.00	-31819.35	-34550.09
	58	-438.97	143.96	-132.58	0.00	0.00	0.00
95	704	-1467.37	-272.69	90.75	0.00	-21780.93	-65445.82
	707	1467.37	272.69	-90.75	0.00	0.00	0.00
96	705	1470.42	-273.03	-95.55	0.00	22932.85	-65527.12
	706	-1470.42	273.03	95.55	0.00	0.00	0.00
101	142	584.20	-371.45	187.90	0.00	-45095.10	-89147.02
	699	-584.20	371.45	-187.90	0.00	0.00	0.00
102	131	319.90	-171.81	183.56	0.00	-44054.53	-41235.36
	700	-319.90	171.81	-183.56	0.00	0.00	0.00

SFORZI "Dinamica SLVh Y" (Fase 1)

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
11	681	212.19	40.28	-0.33	-9.28	7.71	168.68
	63	-212.19	-40.28	0.33	9.28	19.41	3173.68
12	66	194.67	30.04	0.25	11.69	12.62	2366.06
	681	-194.67	-30.04	-0.25	-11.69	-9.52	-168.63
13	681	-193.93	32.14	0.32	10.46	-9.59	-168.57
	65	193.93	-32.14	-0.32	-10.46	-17.00	2495.98
14	64	-212.18	42.34	-0.37	-8.51	20.19	3371.82
	681	212.18	-42.34	0.37	8.51	10.02	173.21
15	679	4185.86	52.46	-421.40	1.01e-015	33835.27	2994.12
	627	-4185.86	-52.46	421.40	-1.01e-015	13384.42	-3915.50
16	20	4185.86	109.83	-877.34	-4.80e-013	93858.81	9178.23
	679	-4185.86	-109.83	877.34	4.80e-013	-33835.27	-2994.12
17	678	-4179.52	-75.01	-421.79	-1.14e-013	33904.09	-7755.56
	625	4179.52	75.01	421.79	1.14e-013	13359.35	3268.56
18	10	-4179.52	-113.52	-877.67	-7.61e-013	93951.06	-14096.54
	678	4179.52	113.52	877.67	7.61e-013	-33904.09	7755.56
19	627	4185.86	65.26	223.07	0.00	-13384.42	3915.50
	710	-4185.86	-65.26	-223.07	0.00	0.00	0.00
20	625	-4179.52	-54.48	222.66	0.00	-13359.35	-3268.56
	60	4179.52	54.48	-222.66	0.00	0.00	0.00
21	138	-2343.23	65.70	-340.43	0.00	81702.41	15769.03
	701	2343.23	-65.70	340.43	0.00	0.00	0.00
22	134	2185.30	-107.30	-342.15	0.00	82116.75	-25752.10
	698	-2185.30	107.30	342.15	0.00	0.00	0.00

23	624	24.27	303.09	40.01	9.42	-2098.01	16847.00
	623	-24.27	-303.09	-40.01	-9.42	-2384.48	17099.78
24	624	-36.23	129.88	-134.80	0.00	13480.09	12988.15
	703	36.23	-129.88	134.80	0.00	0.00	0.00
25	696	296.62	133.00	-296.82	-2098.01	53389.08	14339.44
	624	-296.62	-133.00	296.82	2098.01	-13485.23	4501.97
26	623	108.96	119.58	-159.90	0.00	15989.94	11958.08
	702	-108.96	-119.58	159.90	0.00	0.00	0.00
27	697	-250.49	155.50	-257.90	-2384.48	51487.12	16395.08
	623	250.49	-155.50	257.90	2384.48	-15982.74	5482.91
28	166	-95.37	-4.51e-002	-69.59	-1.08	2786.90	7.22
	110	95.37	4.51e-002	69.59	1.08	5822.19	-9.71
29	118	-100.16	-4.51e-002	146.10	-1.08	-9332.59	5.99
	166	100.16	4.51e-002	-146.10	1.08	-2786.90	-7.22
30	158	17.36	-1.64e-004	-79.16	-1.08	2946.17	8.34e-002
	69	-17.36	1.64e-004	79.16	1.08	6721.39	-9.14e-002
31	74	10.14	-1.64e-004	153.68	-1.08	-9878.63	7.69e-002
	158	-10.14	1.64e-004	-153.68	1.08	-2946.17	-8.34e-002
32	153	-7.44	8.18e-006	-75.80	-1.08	2957.27	8.69e-004
	70	7.44	-8.18e-006	75.80	1.08	6049.22	6.72e-004
33	81	-15.27	8.18e-006	142.25	-1.08	-8978.17	1.38e-003
	153	15.27	-8.18e-006	-142.25	1.08	-2957.27	-8.69e-004
34	145	39.26	-9.47e-005	-63.62	-1.08	2923.35	9.04e-006
	73	-39.26	9.47e-005	63.62	1.08	4135.82	-7.59e-003
35	89	27.58	-9.47e-005	116.69	-1.08	-6839.98	-7.57e-003
	145	-27.58	9.47e-005	-116.69	1.08	-2923.35	-9.04e-006
36	136	-55.22	-2.55e-002	-58.86	-1.08	3121.98	1.06e-007
	97	55.22	2.55e-002	58.86	1.08	2576.99	-2.04
37	105	-70.28	-2.55e-002	94.61	-1.08	-4715.05	-2.04
	136	70.28	2.55e-002	-94.61	1.08	-3121.98	-1.06e-007
38	118	-1192.25	1.77e-002	-150.73	2.00	5325.14	1.54
	74	1192.25	-1.77e-002	150.73	-2.00	4924.67	-0.38
39	579	-1465.68	-2.86e-002	-240.14	5.66	0.00	0.00
	118	1465.68	2.86e-002	240.14	-5.66	4205.49	-0.50
40	110	-824.65	-1.77e-002	118.28	2.13	-4679.57	-1.54
	69	824.65	1.77e-002	-118.28	-2.13	-3354.03	0.38
41	516	-976.98	2.86e-002	94.81	11.72	0.00	0.00
	110	976.98	-2.86e-002	-94.81	-11.72	-1660.40	0.50
42	105	-14.86	4.35e-002	-3.12	5.06e-016	54.59	0.76
	68	14.86	-4.35e-002	3.12	-5.06e-016	2.88e-010	2.92e-011
43	89	-247.32	1.79e-002	-94.80	2.04	1845.89	0.89
	105	247.32	-1.79e-002	94.80	-2.04	4667.85	0.32
44	97	-14.02	-4.35e-002	-3.16	5.15e-016	55.30	-0.76
	67	14.02	4.35e-002	3.16	-5.15e-016	8.90e-010	-5.82e-011
45	73	-199.38	-1.79e-002	53.77	2.04	-1580.16	-0.89
	97	199.38	1.79e-002	-53.77	-2.04	-2547.55	-0.32
46	81	-544.03	1.78e-002	-111.02	2.05	3058.84	1.15
	89	544.03	-1.78e-002	111.02	-2.05	5306.86	0.20
47	74	-866.46	1.78e-002	-146.49	2.05	5058.88	1.42
	81	866.46	-1.78e-002	146.49	-2.05	5968.82	0.15
48	70	-418.13	-1.78e-002	79.72	2.05	-2010.52	-1.15
	73	418.13	1.78e-002	-79.72	-2.05	-4144.38	-0.20
49	69	-628.75	-1.78e-002	103.31	2.05	-3554.43	-1.42

	70	628.75	1.78e-002	-103.31	-2.05	-4267.38	-0.15
50	63	222.57	-144.26	0.38	-15.28	-17.18	2849.44
	700	-222.57	144.26	-0.38	15.28	-10.22	-13171.17
51	698	117.66	-171.65	0.10	20.65	3.38	-16810.52
	66	-117.66	171.65	-0.10	-20.65	-5.80	4523.47
52	65	-126.90	-183.79	8.51e-002	19.62	-5.84	5154.72
	701	126.90	183.79	-8.51e-002	-19.62	-4.36	-18311.24
53	699	-213.97	-156.58	0.35	-14.44	-8.24	-14539.88
	64	213.97	156.58	-0.35	14.44	-16.66	3335.03
54	65	-37.94	-234.73	2.63	2.49	-63.44	-12328.18
	710	37.94	234.73	-2.63	-2.49	-78.46	-347.37
55	63	36.83	12.07	0.40	0.97	-20.90	-5338.67
	65	-36.83	-12.07	-0.40	-0.97	-23.55	6636.39
56	58	16.50	185.66	4.16	0.63	-123.39	261.70
	63	-16.50	-185.66	-4.16	-0.63	-101.07	9763.82
57	66	38.34	250.67	2.52	1.19	-60.47	13206.56
	60	-38.34	-250.67	-2.52	-1.19	-75.62	329.73
58	64	-42.69	-36.65	0.31	2.19	-16.10	4212.94
	66	42.69	36.65	-0.31	-2.19	-19.08	-8099.15
59	59	-33.80	-173.91	4.02	-0.95	-118.55	-277.44
	64	33.80	173.91	-4.02	0.95	-98.36	-9113.86
60	706	15.90	218.86	-2.58	-17.13	66.83	-184.37
	66	-15.90	-218.86	2.58	17.13	54.47	10469.74
61	66	-20.71	-268.60	-0.51	13.69	28.02	-15092.14
	65	20.71	268.60	0.51	-13.69	28.29	-14455.14
62	65	-35.84	193.68	-3.24	-17.16	68.38	9315.10
	702	35.84	-193.68	3.24	17.16	83.74	-212.26
63	63	78.32	153.98	-3.76	11.77	76.85	7409.05
	703	-78.32	-153.98	3.76	-11.77	100.10	-172.28
64	64	20.91	-204.68	-0.82	-12.46	45.29	-11014.43
	63	-20.91	204.68	0.82	12.46	45.02	-11501.45
65	707	-66.80	133.61	-3.17	11.63	85.72	-198.75
	64	66.80	-133.61	3.17	-11.63	63.14	6476.50
77	702	78.84	276.20	23.75	224.89	-596.71	1007.75
	701	-78.84	-276.20	-23.75	-224.89	-1074.36	13962.44
78	703	-41.54	-26.35	-12.34	12.68	879.80	-2014.47
	702	41.54	26.35	12.34	-12.68	605.69	-991.61
79	700	-141.26	-150.73	41.74	-159.67	-1462.51	-10034.46
	703	141.26	150.73	-41.74	159.67	-932.29	2003.24
80	706	-31.82	-138.55	21.04	211.20	-515.73	6437.04
	698	31.82	138.55	-21.04	-211.20	-881.21	-12812.25
81	707	43.51	-101.86	-10.53	27.85	807.24	-4986.35
	706	-43.51	101.86	10.53	-27.85	515.08	-6452.81
82	699	88.64	289.10	38.68	-171.53	-1296.41	11083.31
	707	-88.64	-289.10	-38.68	171.53	-866.56	4996.18
83	710	309.99	2250.93	-35.80	-163.07	-1038.00	93532.56
	701	-309.99	-2250.93	35.80	163.07	1075.56	12261.47
84	60	21.84	-1700.20	-17.28	184.32	889.95	-93491.65
	710	-21.84	1700.20	17.28	-184.32	1057.99	-93530.08
85	698	-300.82	2228.74	-25.77	-145.54	882.02	11263.27
	60	300.82	-2228.74	25.77	145.54	-855.65	93492.71
86	58	-52.34	1736.34	-23.29	109.42	-922.70	72790.58
	700	52.34	-1736.34	23.29	-109.42	1472.28	8818.39

87	59	-16.53	-1324.76	-18.52	-152.34	1032.11	-72932.83
	58	16.53	1324.76	18.52	152.34	1022.20	-72791.07
88	699	42.07	1758.61	-13.69	125.28	1304.60	9728.18
	59	-42.07	-1758.61	13.69	-125.28	-921.32	72933.55
89	708	-3257.15	-50.88	-206.75	0.00	49619.83	-12212.10
	59	3257.15	50.88	206.75	0.00	0.00	0.00
90	709	3246.75	18.57	-207.73	0.00	49856.19	4456.34
	58	-3246.75	-18.57	207.73	0.00	0.00	0.00
95	704	-266.32	-78.67	-188.93	0.00	45344.24	-18881.62
	707	266.32	78.67	188.93	0.00	0.00	0.00
96	705	212.50	-76.89	-208.02	0.00	49925.28	-18454.59
	706	-212.50	76.89	208.02	0.00	0.00	0.00
101	142	1886.36	-109.98	-255.85	0.00	61404.50	-26394.96
	699	-1886.36	109.98	255.85	0.00	0.00	0.00
102	131	-1742.31	62.20	-257.44	0.00	61786.25	14927.27
	700	1742.31	-62.20	257.44	0.00	0.00	0.00

Ascensore 09 Q1 per STEEL

All-In-One EWS 42 (17.11.2015) build 6269
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Classificazione profilo

Verifica stato limite di danno

Caratteristiche dei materiali

Resistenza acciaio	kg/cm ² 2804.22
Coefficiente sicurezza parziale bulloni	1.25
Coefficiente sicurezza parziale	1.05
Coefficiente sicurezza parziale per instab.	1.05

Tipi di carico

Nome	Tipo	Grav.	Gamma			Psi 0	Psi 1	Psi 2	Psi 2	Phi
			fav	sfav.	sismico					
Permanente	permanente	*	1.00	1.30	1.00	nd	nd	nd	nd	nd
Permanente non strutt.	permanente	*	0.00	1.50	1.00	nd	nd	nd	nd	nd
Sismico SLV	sismico		nd	1.00	0.00	nd	nd	nd	nd	nd
Sismico SLD	sismico		nd	1.00	0.00	nd	nd	nd	nd	nd
Sismico SLO	sismico		nd	1.00	0.00	nd	nd	nd	nd	nd
Sismico SLC	sismico		nd	1.00	0.00	nd	nd	nd	nd	nd
Torcente SLV	sismico correlato		nd	1.00	0.00	nd	nd	nd	nd	nd
Torcente SLD	sismico correlato		nd	1.00	0.00	nd	nd	nd	nd	nd
Torcente SLO	sismico correlato		nd	1.00	0.00	nd	nd	nd	nd	nd
Torcente SLC	sismico correlato		nd	1.00	0.00	nd	nd	nd	nd	nd
Cat. A: Residenziale	variabile	*	nd	1.50	1.00 0.70 0.50 0.30	0.30				1.00
Cat. B: Uffici	variabile	*	nd	1.50	1.00 0.70 0.50 0.30	0.30				1.00
Cat. C: Affollamento	variabile	*	nd	1.50	1.00 0.70 0.70 0.60	0.60				1.00
Cat. D: Commerciale	variabile	*	nd	1.50	1.00 0.70 0.70 0.60	0.60				1.00
Cat. E: Magazzini	variabile	*	nd	1.50	1.00 1.00 0.90 0.80	0.80				1.00
Cat. F: Rimesse (<30kN)	variabile	*	nd	1.50	1.00 0.70 0.70 0.60	0.60				1.00
Cat. G: Rimesse (>30kN)	variabile	*	nd	1.50	1.00 0.70 0.50 0.30	0.30				1.00
Cat. H: Copertura	variabile	*	nd	1.50	1.00 0.00 0.00 0.00	0.20				1.00
Neve (q<1000)	variabile	*	nd	1.50	1.00 0.50 0.20 0.00	0.00				1.00
Neve (q>1000)	variabile	*	nd	1.50	1.00 0.70 0.50 0.20	0.00				1.00
Vento	variabile non contemporaneo		nd	1.50	0.00 0.60 0.20 0.00	0.00				1.00
Temperatura	variabile non contemporaneo		nd	1.50	0.00 0.60 0.50 0.00	0.00				1.00

Condizioni di carico

(Fase) Nome			Tipo
(1)	Dinamica	SLVh Y	Sismico SLV
(1)	Dinamica	SLVh X	Sismico SLV
(1)	Dinamica	SLDh Y	Sismico SLD
(1)	Dinamica	SLDh X	Sismico SLD
(1)	PERM		Permanente
(1)	Vx		Vento
(1)	Vy		Vento
(1)	Doghe rivestimento		Permanente
(1)	Pensilina		Permanente
(1)	Neve		Neve (q<1000)
(1)	ACC passerella		Cat. C: Affollamento
(1)	Ascensore		Permanente

Combinazioni di carico di stato limite ultimo

[illegible]

Combinazioni di carico di stato limite di danno

1	-0.30 * (1) Dinamica SLDh Y + 1.00 * (1) Ascensore + 0.60 * (1) ACC passerella + 1.00 * (1) Pensilina + 1.00 * (1) Doghe rivestimento + 1.00 * (1) PERM + -1.00 * (1) Dinamica SLDh X
2	-0.30 * (1) Dinamica SLDh Y + 1.00 * (1) Ascensore + 0.60 * (1) ACC passerella + 1.00 * (1) Pensilina + 1.00 * (1) Doghe rivestimento + 1.00 * (1) PERM + 1.00 * (1) Dinamica SLDh X
3	0.30 * (1) Dinamica SLDh Y + 1.00 * (1) Ascensore + 0.60 * (1) ACC passerella + 1.00 * (1) Pensilina + 1.00 * (1) Doghe rivestimento + 1.00 * (1) PERM + -1.00 * (1) Dinamica SLDh X
4	0.30 * (1) Dinamica SLDh Y + 1.00 * (1) Ascensore + 0.60 * (1) ACC passerella + 1.00 * (1) Pensilina + 1.00 * (1) Doghe rivestimento + 1.00 * (1) PERM + 1.00 * (1) Dinamica SLDh X
5	-0.30 * (1) Dinamica SLDh X + 1.00 * (1) Ascensore + 0.60 * (1) ACC passerella + 1.00 * (1) Pensilina + 1.00 * (1) Doghe rivestimento + 1.00 * (1) PERM + -1.00 * (1) Dinamica SLDh Y
6	-0.30 * (1) Dinamica SLDh X + 1.00 * (1) Ascensore + 0.60 * (1) ACC passerella + 1.00 * (1) Pensilina + 1.00 * (1) Doghe rivestimento + 1.00 * (1) PERM + 1.00 * (1) Dinamica SLDh Y

		rivestimento + 1.00 * (1) PERM + 1.00 * (1) Dinamica SLDh Y
7		0.30 * (1) Dinamica SLDh X + 1.00 * (1) Ascensore + 0.60 * (1) ACC passerella + 1.00 * (1) Pensilina + 1.00 * (1) Doghe rivestimento + 1.00 * (1) PERM + -1.00 * (1) Dinamica SLDh Y
8		0.30 * (1) Dinamica SLDh X + 1.00 * (1) Ascensore + 0.60 * (1) ACC passerella + 1.00 * (1) Pensilina + 1.00 * (1) Doghe rivestimento + 1.00 * (1) PERM + 1.00 * (1) Dinamica SLDh Y

Caratteristiche statiche dei profili

Nome	ax (cm2)	jx (cm4)	jz (cm4)	jy (cm4)	wez (cm3)	wey (cm3)	wpz (cm3)	wpy (cm3)
IPE220	33.40	9.15	2772.00	205.00	252.00	37.30	286.00	58.10
HEA100	21.20	4.83	349.00	134.00	73.00	27.00	83.00	41.10
Tubo_159_8	37.95	2163.27	1084.67	1084.67	136.44	136.44	182.58	182.58
Scatolare_120_8	35.84	1123.94	753.12	753.12	125.52	125.52	150.78	150.78
HEA160_ruot	38.77	12.25	1672.89	614.64	220.12	76.83	245.15	117.63
IPE120	13.20	1.77	318.00	27.70	53.00	4.90	60.80	13.60

Caratteristiche geometriche dei profili

Nome	cod	bb (cm)	hh (cm)	tw (cm)	tf (cm)	rr (cm)	c1	c2	dy (cm)	dz (cm)
IPE220	1	11.00	22.00	0.59	0.92	1.20	0.00	0.00	0.00	0.00
HEA100	1	10.00	9.60	0.50	0.80	1.20	0.00	0.00	0.00	0.00
Tubo_159_8	5	15.90	15.90	0.80	0.80	0.00	0.00	0.00	0.00	0.00
Scatolare_120_8	3	12.00	12.00	0.80	0.80	0.00	0.00	0.00	0.00	0.00
HEA160_ruot	1	16.00	15.20	0.60	0.90	1.50	1.00	0.00	0.00	0.00
IPE120	1	6.40	12.00	0.44	0.63	0.70	0.00	0.00	0.00	0.00

Elementi

Elemento	Dal nodo	Al nodo	Profilo	Offset y sx (cm)	Offset y dx (cm)	Lunghezza (cm)	Snellezza
49	69	70	IPE220	0.00	0.00	75.13	30.32
48	70	73	IPE220	0.00	0.00	75.13	30.32
47	74	81	IPE220	0.00	0.00	75.13	30.32
46	81	89	IPE220	0.00	0.00	75.13	30.32
45	73	97	IPE220	0.00	0.00	67.61	27.29
44	97	67	IPE220	0.00	0.00	17.51	7.07
43	89	105	IPE220	0.00	0.00	67.61	27.29
42	105	68	IPE220	0.00	0.00	17.51	7.07
41	516	110	IPE220	0.00	0.00	17.51	7.07
40	110	69	IPE220	0.00	0.00	67.61	27.29
39	579	118	IPE220	0.00	0.00	17.51	7.07
38	118	74	IPE220	0.00	0.00	67.61	27.29
37	105	136	HEA100	0.00	0.00	80.00	31.82
36	136	97	HEA100	0.00	0.00	80.00	31.82
35	89	145	HEA100	0.00	0.00	80.00	31.82
34	145	73	HEA100	0.00	0.00	80.00	31.82
33	81	153	HEA100	0.00	0.00	80.00	31.82
32	153	70	HEA100	0.00	0.00	80.00	31.82
31	74	158	HEA100	0.00	0.00	80.00	31.82
30	158	69	HEA100	0.00	0.00	80.00	31.82
29	118	166	HEA100	0.00	0.00	80.00	31.82
28	166	110	HEA100	0.00	0.00	80.00	31.82
102	131	700	Tubo_159_8	0.00	0.00	240.00	44.89
101	142	699	Tubo_159_8	0.00	0.00	240.00	44.89
96	705	706	Scatolare_120_8	0.00	0.00	240.00	52.36
95	704	707	Scatolare_120_8	0.00	0.00	240.00	52.36
90	709	58	Scatolare_120_8	0.00	0.00	240.00	52.36
89	708	59	Scatolare_120_8	0.00	0.00	240.00	52.36
88	699	59	HEA160_ruot	0.00	0.00	47.00	11.80
87	59	58	HEA160_ruot	0.00	0.00	110.00	27.63
86	58	700	HEA160_ruot	0.00	0.00	47.00	11.80
85	698	60	HEA160_ruot	0.00	0.00	47.00	11.80
84	60	710	HEA160_ruot	0.00	0.00	110.00	27.63
83	710	701	HEA160_ruot	0.00	0.00	47.00	11.80
82	699	707	HEA160_ruot	0.00	0.00	54.00	13.56
81	707	706	HEA160_ruot	0.00	0.00	112.00	28.13
80	706	698	HEA160_ruot	0.00	0.00	54.00	13.56
79	700	703	HEA160_ruot	0.00	0.00	54.00	13.56
78	703	702	HEA160_ruot	0.00	0.00	112.00	28.13
77	702	701	HEA160_ruot	0.00	0.00	54.00	13.56

65	707	64	IPE120	0.00	0.00	47.00	32.44
64	64	63	IPE120	0.00	0.00	110.00	75.93
63	63	703	IPE120	0.00	0.00	47.00	32.44
62	65	702	IPE120	0.00	0.00	47.00	32.44
61	66	65	IPE120	0.00	0.00	110.00	75.93
60	706	66	IPE120	0.00	0.00	47.00	32.44
59	59	64	IPE120	0.00	0.00	54.00	37.28
58	64	66	IPE120	0.00	0.00	112.00	77.32
57	66	60	IPE120	0.00	0.00	54.00	37.28
56	58	63	IPE120	0.00	0.00	54.00	37.28
55	63	65	IPE120	0.00	0.00	112.00	77.32
54	65	710	IPE120	0.00	0.00	54.00	37.28
53	699	64	IPE120	0.00	0.00	71.59	49.42
52	65	701	IPE120	0.00	0.00	71.59	49.42
51	698	66	IPE120	0.00	0.00	71.59	49.42
50	63	700	IPE120	0.00	0.00	71.59	49.42
27	697	623 Scatolare_120_8		0.00	0.00	140.00	30.54
26	623	702 Scatolare_120_8		0.00	0.00	100.00	21.81
25	696	624 Scatolare_120_8		0.00	0.00	140.00	30.54
24	624	703 Scatolare_120_8		0.00	0.00	100.00	21.81
23	624	623 IPE120		0.00	0.00	112.00	77.32
22	134	698 Tubo_159_8		0.00	0.00	240.00	44.89
21	138	701 Tubo_159_8		0.00	0.00	240.00	44.89
20	625	60 Scatolare_120_8		0.00	0.00	60.00	13.09
19	627	710 Scatolare_120_8		0.00	0.00	60.00	13.09
18	10	678 Scatolare_120_8		0.00	0.00	70.00	15.27
17	678	625 Scatolare_120_8		0.00	0.00	110.00	24.00
16	20	679 Scatolare_120_8		0.00	0.00	70.00	15.27
15	679	627 Scatolare_120_8		0.00	0.00	110.00	24.00
14	64	681 IPE120		0.00	0.00	78.49	54.18
13	681	65 IPE120		0.00	0.00	78.49	54.18
12	66	681 IPE120		0.00	0.00	78.49	54.18
11	681	63 IPE120		0.00	0.00	78.49	54.18

Sollecitazioni agli estremi degli elementi

Condizione "(1) Dinamica SLVh Y"

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
49	-628.75	1.78e-002	-103.31	2.05	3554.43	-1.42
	-628.75	1.78e-002	-103.31	2.05	-4267.38	0.15
48	-418.13	1.78e-002	-79.72	2.05	2010.52	-1.15
	-418.13	1.78e-002	-79.72	2.05	-4144.38	0.20
47	-866.46	-1.78e-002	146.49	2.05	-5058.88	1.42
	-866.46	-1.78e-002	146.49	2.05	5968.82	-0.15
46	-544.03	-1.78e-002	111.02	2.05	-3058.84	1.15
	-544.03	-1.78e-002	111.02	2.05	5306.86	-0.20
45	-199.38	1.79e-002	-53.77	2.04	1580.16	-0.89
	-199.38	1.79e-002	-53.77	2.04	-2547.55	0.32
44	-14.02	4.35e-002	3.16	5.15e-016	-55.30	-0.76
	-14.02	4.35e-002	3.16	5.15e-016	8.90e-010	5.82e-011
43	-247.32	-1.79e-002	94.80	2.04	-1845.89	0.89
	-247.32	-1.79e-002	94.80	2.04	4667.85	-0.32
42	-14.86	-4.35e-002	3.12	5.06e-016	-54.59	0.76
	-14.86	-4.35e-002	3.12	5.06e-016	2.88e-010	-2.92e-011
41	-976.98	-2.86e-002	-94.81	11.72	0.00	0.00
	-976.98	-2.86e-002	-94.81	11.72	-1660.40	-0.50
40	-824.65	1.77e-002	-118.28	2.13	4679.57	-1.54
	-824.65	1.77e-002	-118.28	2.13	-3354.03	-0.38
39	-1465.68	2.86e-002	240.14	5.66	0.00	0.00
	-1465.68	2.86e-002	240.14	5.66	4205.49	0.50
38	-1192.25	-1.77e-002	150.73	2.00	-5325.14	1.54

	-1192.25	-1.77e-002	150.73	2.00	4924.67	0.38
37	-70.28	2.55e-002	-94.61	-1.08	4715.05	-2.04
	-70.28	2.55e-002	-94.61	-1.08	-3121.98	1.06e-007
36	-55.22	2.55e-002	58.86	-1.08	-3121.98	1.06e-007
	-55.22	2.55e-002	58.86	-1.08	2576.99	2.04
35	27.58	9.47e-005	-116.69	-1.08	6839.98	-7.57e-003
	27.58	9.47e-005	-116.69	-1.08	-2923.35	9.04e-006
34	39.26	9.47e-005	63.62	-1.08	-2923.35	9.04e-006
	39.26	9.47e-005	63.62	-1.08	4135.82	7.59e-003
33	-15.27	-8.18e-006	-142.25	-1.08	8978.17	1.38e-003
	-15.27	-8.18e-006	-142.25	-1.08	-2957.27	8.69e-004
32	-7.44	-8.18e-006	75.80	-1.08	-2957.27	8.69e-004
	-7.44	-8.18e-006	75.80	-1.08	6049.22	-6.72e-004
31	10.14	1.64e-004	-153.68	-1.08	9878.63	7.69e-002
	10.14	1.64e-004	-153.68	-1.08	-2946.17	8.34e-002
30	17.36	1.64e-004	79.16	-1.08	-2946.17	8.34e-002
	17.36	1.64e-004	79.16	-1.08	6721.39	9.14e-002
29	-100.16	4.51e-002	-146.10	-1.08	9332.59	5.99
	-100.16	4.51e-002	-146.10	-1.08	-2786.90	7.22
28	-95.37	4.51e-002	69.59	-1.08	-2786.90	7.22
	-95.37	4.51e-002	69.59	-1.08	5822.19	9.71
102	-1742.31	-62.20	257.44	0.00	-61786.25	14927.27
	-1742.31	-62.20	257.44	0.00	0.00	0.00
101	1886.36	109.98	255.85	0.00	-61404.50	-26394.96
	1886.36	109.98	255.85	0.00	0.00	0.00
96	212.50	76.89	208.02	0.00	-49925.28	-18454.59
	212.50	76.89	208.02	0.00	0.00	0.00
95	-266.32	78.67	188.93	0.00	-45344.24	-18881.62
	-266.32	78.67	188.93	0.00	0.00	0.00
90	3246.75	-18.57	207.73	0.00	-49856.19	4456.34
	3246.75	-18.57	207.73	0.00	0.00	0.00
89	-3257.15	50.88	206.75	0.00	-49619.83	-12212.10
	-3257.15	50.88	206.75	0.00	0.00	0.00
88	42.07	-1758.61	13.69	125.28	-1304.60	9728.18
	42.07	-1758.61	13.69	125.28	-921.32	-72933.55
87	-16.53	1324.76	18.52	-152.34	-1032.11	-72932.83
	-16.53	1324.76	18.52	-152.34	1022.20	72791.07
86	-52.34	-1736.34	23.29	109.42	922.70	72790.58
	-52.34	-1736.34	23.29	109.42	1472.28	-8818.39
85	-300.82	-2228.74	25.77	-145.54	-882.02	11263.27
	-300.82	-2228.74	25.77	-145.54	-855.65	-93492.71
84	21.84	1700.20	17.28	184.32	-889.95	-93491.65
	21.84	1700.20	17.28	184.32	1057.99	93530.08
83	309.99	-2250.93	35.80	-163.07	1038.00	93532.56
	309.99	-2250.93	35.80	-163.07	1075.56	-12261.47
82	88.64	-289.10	-38.68	-171.53	1296.41	11083.31
	88.64	-289.10	-38.68	-171.53	-866.56	-4996.18
81	43.51	101.86	10.53	27.85	-807.24	-4986.35
	43.51	101.86	10.53	27.85	515.08	6452.81
80	-31.82	138.55	-21.04	211.20	515.73	6437.04
	-31.82	138.55	-21.04	211.20	-881.21	12812.25
79	-141.26	150.73	-41.74	-159.67	1462.51	-10034.46
	-141.26	150.73	-41.74	-159.67	-932.29	-2003.24

78	-41.54	26.35	12.34	12.68	-879.80	-2014.47
	-41.54	26.35	12.34	12.68	605.69	991.61
77	78.84	-276.20	-23.75	224.89	596.71	1007.75
	78.84	-276.20	-23.75	224.89	-1074.36	-13962.44
65	-66.80	-133.61	3.17	11.63	-85.72	-198.75
	-66.80	-133.61	3.17	11.63	63.14	-6476.50
64	20.91	204.68	0.82	-12.46	-45.29	-11014.43
	20.91	204.68	0.82	-12.46	45.02	11501.45
63	78.32	-153.98	3.76	11.77	-76.85	7409.05
	78.32	-153.98	3.76	11.77	100.10	172.28
62	-35.84	-193.68	3.24	-17.16	-68.38	9315.10
	-35.84	-193.68	3.24	-17.16	83.74	212.26
61	-20.71	268.60	0.51	13.69	-28.02	-15092.14
	-20.71	268.60	0.51	13.69	28.29	14455.14
60	15.90	-218.86	2.58	-17.13	-66.83	-184.37
	15.90	-218.86	2.58	-17.13	54.47	-10469.74
59	-33.80	173.91	-4.02	-0.95	118.55	-277.44
	-33.80	173.91	-4.02	-0.95	-98.36	9113.86
58	-42.69	36.65	-0.31	2.19	16.10	4212.94
	-42.69	36.65	-0.31	2.19	-19.08	8099.15
57	38.34	-250.67	-2.52	1.19	60.47	13206.56
	38.34	-250.67	-2.52	1.19	-75.62	-329.73
56	16.50	-185.66	-4.16	0.63	123.39	261.70
	16.50	-185.66	-4.16	0.63	-101.07	-9763.82
55	36.83	-12.07	-0.40	0.97	20.90	-5338.67
	36.83	-12.07	-0.40	0.97	-23.55	-6636.39
54	-37.94	234.73	-2.63	2.49	63.44	-12328.18
	-37.94	234.73	-2.63	2.49	-78.46	347.37
53	-213.97	156.58	-0.35	-14.44	8.24	-14539.88
	-213.97	156.58	-0.35	-14.44	-16.66	-3335.03
52	-126.90	183.79	-8.51e-002	19.62	5.84	5154.72
	-126.90	183.79	-8.51e-002	19.62	-4.36	18311.24
51	117.66	171.65	-0.10	20.65	-3.38	-16810.52
	117.66	171.65	-0.10	20.65	-5.80	-4523.47
50	222.57	144.26	-0.38	-15.28	17.18	2849.44
	222.57	144.26	-0.38	-15.28	-10.22	13171.17
27	-250.49	-155.50	257.90	-2384.48	-51487.12	16395.08
	-250.49	-155.50	257.90	-2384.48	-15982.74	-5482.91
26	108.96	-119.58	159.90	0.00	-15989.94	11958.08
	108.96	-119.58	159.90	0.00	0.00	0.00
25	296.62	-133.00	296.82	-2098.01	-53389.08	14339.44
	296.62	-133.00	296.82	-2098.01	-13485.23	-4501.97
24	-36.23	-129.88	134.80	0.00	-13480.09	12988.15
	-36.23	-129.88	134.80	0.00	0.00	0.00
23	24.27	-303.09	-40.01	9.42	2098.01	16847.00
	24.27	-303.09	-40.01	9.42	-2384.48	-17099.78
22	2185.30	107.30	342.15	0.00	-82116.75	-25752.10
	2185.30	107.30	342.15	0.00	0.00	0.00
21	-2343.23	-65.70	340.43	0.00	-81702.41	15769.03
	-2343.23	-65.70	340.43	0.00	0.00	0.00
20	-4179.52	54.48	-222.66	0.00	13359.35	-3268.56
	-4179.52	54.48	-222.66	0.00	0.00	0.00
19	4185.86	-65.26	-223.07	0.00	13384.42	3915.50

	4185.86	-65.26	-223.07	0.00	0.00	0.00
18	-4179.52	113.52	877.67	-7.61e-013	-93951.06	-14096.54
	-4179.52	113.52	877.67	-7.61e-013	-33904.09	-7755.56
17	-4179.52	75.01	421.79	-1.14e-013	-33904.09	-7755.56
	-4179.52	75.01	421.79	-1.14e-013	13359.35	-3268.56
16	4185.86	-109.83	877.34	-4.80e-013	-93858.81	9178.23
	4185.86	-109.83	877.34	-4.80e-013	-33835.27	2994.12
15	4185.86	-52.46	421.40	1.01e-015	-33835.27	2994.12
	4185.86	-52.46	421.40	1.01e-015	13384.42	3915.50
14	-212.18	-42.34	0.37	-8.51	-20.19	3371.82
	-212.18	-42.34	0.37	-8.51	10.02	-173.21
13	-193.93	-32.14	-0.32	10.46	9.59	-168.57
	-193.93	-32.14	-0.32	10.46	-17.00	-2495.98
12	194.67	-30.04	-0.25	11.69	-12.62	2366.06
	194.67	-30.04	-0.25	11.69	-9.52	168.63
11	212.19	-40.28	0.33	-9.28	-7.71	168.68
	212.19	-40.28	0.33	-9.28	19.41	-3173.68

Condizione "(1) Dinamica SLVh X"

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
49	1433.41	7.06e-002	917.34	7.57	-30512.86	-6.31
	1433.41	7.06e-002	917.34	7.57	38685.38	-1.08
48	748.72	7.05e-002	680.96	7.58	-16719.05	-5.00
	748.72	7.05e-002	680.96	7.58	34825.11	0.40
47	-1448.56	-7.06e-002	917.10	7.57	-30507.02	6.31
	-1448.56	-7.06e-002	917.10	7.57	38678.71	1.08
46	-760.80	-7.05e-002	681.51	7.58	-16754.63	5.00
	-760.80	-7.05e-002	681.51	7.58	34837.23	-0.40
45	277.19	7.09e-002	352.91	7.55	-3425.40	-3.69
	277.19	7.09e-002	352.91	7.55	21207.36	1.11
44	3.42	0.17	23.67	9.40e-016	-414.60	-2.89
	3.42	0.17	23.67	9.40e-016	3.98e-009	2.94e-011
43	-283.54	-7.09e-002	354.26	7.55	-3508.11	3.69
	-283.54	-7.09e-002	354.26	7.55	21250.02	-1.11
42	4.63	-0.17	23.67	1.02e-015	-414.55	2.89
	4.63	-0.17	23.67	1.02e-015	4.00e-009	8.35e-012
41	2926.05	-0.18	1087.38	24.27	0.00	0.00
	2926.05	-0.18	1087.38	24.27	19042.73	-3.12
40	2211.93	6.97e-002	1046.12	7.60	-38451.10	-7.04
	2211.93	6.97e-002	1046.12	7.60	32447.13	-2.38
39	-2940.66	0.18	1071.68	30.89	0.00	0.00
	-2940.66	0.18	1071.68	30.89	18767.78	3.12
38	-2227.63	-6.97e-002	1049.36	7.68	-38623.50	7.04
	-2227.63	-6.97e-002	1049.36	7.68	32480.70	2.38
37	-110.74	9.44e-002	-271.29	-4.00	21660.61	-7.55
	-110.74	9.44e-002	-271.29	-4.00	517.36	-7.99e-008
36	109.40	9.44e-002	-270.08	-4.00	517.36	-7.99e-008
	109.40	9.44e-002	-270.08	-4.00	-21617.61	7.55
35	-90.75	3.45e-004	-465.44	-4.00	37206.48	-2.76e-002
	-90.75	3.45e-004	-465.44	-4.00	468.14	-6.84e-006
34	90.94	3.45e-004	-464.44	-4.00	468.14	-6.84e-006
	90.94	3.45e-004	-464.44	-4.00	-37167.25	2.76e-002
33	-70.31	-3.98e-005	-680.58	-4.00	54427.34	2.83e-003
	-70.31	-3.98e-005	-680.58	-4.00	472.98	-6.57e-004
32	71.25	-3.98e-005	-679.96	-4.00	472.98	-6.57e-004

	71.25	-3.98e-005	-679.96	-4.00	-54405.07	-3.62e-003
31	-53.93	9.03e-004	-777.89	-4.00	62226.86	-0.12
	-53.93	9.03e-004	-777.89	-4.00	463.10	-6.31e-002
30	47.89	9.03e-004	-777.77	-4.00	463.10	-6.31e-002
	47.89	9.03e-004	-777.77	-4.00	-62216.02	6.15e-002
29	-31.62	0.25	-716.00	-3.99	57262.70	-23.36
	-31.62	0.25	-716.00	-3.99	-519.80	-5.46
28	59.52	0.25	-716.26	-3.99	-519.80	-5.46
	59.52	0.25	-716.26	-3.99	-57304.94	17.02
102	319.90	171.81	-183.56	0.00	44054.53	-41235.36
	319.90	171.81	-183.56	0.00	0.00	0.00
101	584.20	371.45	-187.90	0.00	45095.10	-89147.02
	584.20	371.45	-187.90	0.00	0.00	0.00
96	1470.42	273.03	95.55	0.00	-22932.85	-65527.12
	1470.42	273.03	95.55	0.00	0.00	0.00
95	-1467.37	272.69	-90.75	0.00	21780.93	-65445.82
	-1467.37	272.69	-90.75	0.00	0.00	0.00
90	438.97	143.96	-132.58	0.00	31819.35	-34550.09
	438.97	143.96	-132.58	0.00	0.00	0.00
89	-408.32	217.06	-134.00	0.00	32159.51	-52094.73
	-408.32	217.06	-134.00	0.00	0.00	0.00
88	136.24	-150.35	56.34	68.39	-831.52	3757.68
	136.24	-150.35	56.34	68.39	2036.24	-9559.34
87	154.17	174.76	-22.80	32.47	2061.08	-9564.58
	154.17	174.76	-22.80	32.47	1313.36	9664.01
86	173.66	243.57	-67.73	-28.94	1353.33	9665.17
	173.66	243.57	-67.73	-28.94	-2213.92	1861.82
85	-270.17	153.52	149.42	74.46	-2963.71	-4198.04
	-270.17	153.52	149.42	74.46	4295.79	8247.93
84	-205.81	-151.08	-52.12	29.70	4284.06	8252.00
	-205.81	-151.08	-52.12	29.70	2913.34	-8372.27
83	-213.02	-206.89	-120.84	-22.62	2937.94	-8372.78
	-213.02	-206.89	-120.84	-22.62	-3406.42	-1477.19
82	-67.96	-714.65	26.87	-43.25	833.59	4346.33
	-67.96	-714.65	26.87	-43.25	1712.21	-34284.69
81	-72.74	612.55	-31.83	86.97	1818.11	-34287.08
	-72.74	612.55	-31.83	86.97	-1794.37	34319.36
80	-81.07	-724.12	-35.24	-51.57	-1633.90	34317.60
	-81.07	-724.12	-35.24	-51.57	-2941.89	-4847.63
79	238.00	-112.25	36.73	32.33	-2203.75	2128.41
	238.00	-112.25	36.73	32.33	-1061.24	-4041.25
78	-44.17	67.93	22.31	2.95	-1202.02	-4039.31
	-44.17	67.93	22.31	2.95	1357.37	3612.63
77	-284.44	-94.26	50.95	25.04	1176.94	3613.79
	-284.44	-94.26	50.95	25.04	3380.29	-1688.83
65	58.10	140.78	4.71	-2.48	-118.43	-129.49
	58.10	140.78	4.71	-2.48	103.00	6488.50
64	-108.94	-54.12	-0.75	-1.62	48.82	4632.38
	-108.94	-54.12	-0.75	-1.62	-35.68	1425.53
63	-67.16	-15.05	-8.28	-2.08	175.20	719.51
	-67.16	-15.05	-8.28	-2.08	-214.21	-30.58
62	89.83	17.55	-9.87	-1.48	213.17	-833.12
	89.83	17.55	-9.87	-1.48	-250.63	22.90

61	204.65	48.23	-0.98	-1.62	60.81	-4217.55
	204.65	48.23	-0.98	-1.62	-48.64	-1318.93
60	-33.46	-134.76	7.54	-1.93	-186.93	137.49
	-33.46	-134.76	7.54	-1.93	167.62	-6198.94
59	-69.36	-100.72	1.64	-5.96	-47.37	-42.70
	-69.36	-100.72	1.64	-5.96	41.41	-5474.68
58	-135.53	132.86	-0.95	7.08	53.13	-7556.46
	-135.53	132.86	-0.95	7.08	-53.58	7330.69
57	-280.39	-93.40	-2.82	-6.14	63.55	5088.04
	-280.39	-93.40	-2.82	-6.14	-92.53	54.61
56	-51.18	-21.28	4.49	1.80	-137.03	-60.04
	-51.18	-21.28	4.49	1.80	105.41	-1094.05
55	-115.84	11.41	1.09	0.36	-60.25	-613.35
	-115.84	11.41	1.09	0.36	62.00	725.17
54	-224.39	-20.34	5.63	1.50	-122.72	1055.46
	-224.39	-20.34	5.63	1.50	181.98	51.14
53	-118.27	48.37	0.40	7.04	-5.26	-5665.66
	-118.27	48.37	0.40	7.04	23.76	-2233.28
52	343.25	21.58	0.37	-1.60	11.19	753.29
	343.25	21.58	0.37	-1.60	26.84	2210.43
51	174.37	-54.70	-0.14	6.45	22.33	6322.88
	174.37	-54.70	-0.14	6.45	22.12	2438.52
50	-323.42	-25.44	0.26	-1.72	11.26	-1040.58
	-323.42	-25.44	0.26	-1.72	10.67	-2784.90
27	1080.73	455.77	100.05	-3448.52	-22491.64	-46356.17
	1080.73	455.77	100.05	-3448.52	-10007.70	17530.74
26	163.43	351.09	100.26	0.00	-10025.68	-35109.28
	163.43	351.09	100.26	0.00	0.00	0.00
25	-1092.85	436.56	-98.49	-3233.85	21188.47	-44605.30
	-1092.85	436.56	-98.49	-3233.85	8419.10	16596.51
24	-177.70	358.90	-84.35	0.00	8434.94	-35889.76
	-177.70	358.90	-84.35	0.00	0.00	0.00
23	31.57	931.95	-59.65	23.86	3233.85	-52086.85
	31.57	931.95	-59.65	23.86	-3448.52	52292.25
22	-666.60	369.68	214.29	0.00	-51430.16	-88723.15
	-666.60	369.68	214.29	0.00	0.00	0.00
21	-259.06	176.81	209.03	0.00	-50168.10	-42433.25
	-259.06	176.81	209.03	0.00	0.00	0.00
20	353.80	-363.48	107.46	0.00	-6447.32	21808.75
	353.80	-363.48	107.46	0.00	0.00	0.00
19	-377.63	-293.16	107.95	0.00	-6476.76	17589.54
	-377.63	-293.16	107.95	0.00	0.00	0.00
18	353.80	892.79	357.74	-1.87e-012	-48286.18	-85722.32
	353.80	892.79	357.74	-1.87e-012	-24918.76	-26950.56
17	353.80	414.16	255.44	-2.28e-013	-24918.76	-26950.56
	353.80	414.16	255.44	-2.28e-013	-6447.32	21808.75
16	-377.63	674.19	357.50	-5.51e-013	-47891.76	-66330.44
	-377.63	674.19	357.50	-5.51e-013	-24562.97	-23912.01
15	-377.63	328.87	253.92	1.83e-015	-24562.97	-23912.01
	-377.63	328.87	253.92	1.83e-015	-6476.76	17589.54
14	139.41	8.00	-0.92	5.43	49.58	670.46
	139.41	8.00	-0.92	5.43	-25.52	1271.97
13	155.94	-20.21	1.50	-1.04	-51.50	1266.98

	155.94	-20.21	1.50	-1.04	67.37	-512.18
12	-186.03	-7.56	-1.76	5.01	84.05	-718.76
	-186.03	-7.56	-1.76	5.01	-55.16	-1294.07
11	-205.95	20.54	0.82	-0.81	-29.78	-1288.38
	-205.95	20.54	0.82	-0.81	37.81	-507.39

Condizione "(1) Dinamica SLDh Y"

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
49	-255.62	7.29e-003	-42.61	0.84	1473.52	-0.58
	-255.62	7.29e-003	-42.61	0.84	-1752.95	6.11e-002
48	-169.87	7.28e-003	-33.04	0.84	839.47	-0.47
	-169.87	7.28e-003	-33.04	0.84	-1709.45	8.30e-002
47	-351.38	-7.29e-003	59.77	0.84	-2068.58	0.58
	-351.38	-7.29e-003	59.77	0.84	2431.16	-6.11e-002
46	-220.65	-7.28e-003	45.40	0.84	-1251.37	0.47
	-220.65	-7.28e-003	45.40	0.84	2169.95	-8.30e-002
45	-80.96	7.32e-003	-22.22	0.83	643.34	-0.36
	-80.96	7.32e-003	-22.22	0.83	-1059.01	0.13
44	-5.68	1.77e-002	-1.30	2.35e-016	22.77	-0.31
	-5.68	1.77e-002	-1.30	2.35e-016	3.22e-010	1.46e-011
43	-100.33	-7.32e-003	38.54	0.83	-749.93	0.36
	-100.33	-7.32e-003	38.54	0.83	1899.69	-0.13
42	-6.03	-1.77e-002	1.28	1.27e-016	-22.48	0.31
	-6.03	-1.77e-002	1.28	1.27e-016	2.39e-010	-1.46e-011
41	-397.46	-1.18e-002	-38.70	4.76	0.00	0.00
	-397.46	-1.18e-002	-38.70	4.76	-677.70	-0.21
40	-335.40	7.22e-003	-48.39	0.87	1917.99	-0.63
	-335.40	7.22e-003	-48.39	0.87	-1368.80	-0.16
39	-594.29	1.18e-002	97.35	2.37	0.00	0.00
	-594.29	1.18e-002	97.35	2.37	1704.84	0.21
38	-483.46	-7.22e-003	61.30	0.82	-2171.19	0.63
	-483.46	-7.22e-003	61.30	0.82	1998.76	0.16
37	-28.52	1.04e-002	-38.41	-0.44	1919.09	-0.83
	-28.52	1.04e-002	-38.41	-0.44	-1267.82	4.31e-008
36	-22.49	1.04e-002	24.15	-0.44	-1267.82	4.31e-008
	-22.49	1.04e-002	24.15	-0.44	1071.44	0.83
35	11.29	3.86e-005	-47.43	-0.44	2788.82	-3.09e-003
	11.29	3.86e-005	-47.43	-0.44	-1187.31	3.69e-006
34	15.93	3.86e-005	26.34	-0.44	-1187.31	3.69e-006
	15.93	3.86e-005	26.34	-0.44	1718.02	3.09e-003
33	-6.20	-3.36e-006	-57.85	-0.44	3661.70	5.63e-004
	-6.20	-3.36e-006	-57.85	-0.44	-1200.86	3.55e-004
32	-3.05	-3.36e-006	31.45	-0.44	-1200.86	3.55e-004
	-3.05	-3.36e-006	31.45	-0.44	2499.43	-2.82e-004
31	4.16	6.77e-005	-62.43	-0.44	4021.76	3.15e-002
	4.16	6.77e-005	-62.43	-0.44	-1196.06	3.41e-002
30	7.07	6.77e-005	32.73	-0.44	-1196.06	3.41e-002
	7.07	6.77e-005	32.73	-0.44	2763.35	3.72e-002
29	-40.63	1.86e-002	-59.29	-0.44	3792.23	2.49
	-40.63	1.86e-002	-59.29	-0.44	-1131.57	2.95
28	-38.68	1.86e-002	28.68	-0.44	-1131.57	2.95
	-38.68	1.86e-002	28.68	-0.44	2387.13	3.95
102	-705.62	-25.79	104.87	0.00	-25167.83	6188.99
	-705.62	-25.79	104.87	0.00	0.00	0.00
101	763.93	45.10	104.23	0.00	-25016.05	-10823.16

	763.93	45.10	104.23	0.00	0.00	0.00
96	86.22	31.55	84.90	0.00	-20376.02	-7571.72
	86.22	31.55	84.90	0.00	0.00	0.00
95	-107.99	32.25	76.93	0.00	-18464.25	-7740.61
	-107.99	32.25	76.93	0.00	0.00	0.00
90	1314.90	-7.73	84.51	0.00	-20282.00	1854.72
	1314.90	-7.73	84.51	0.00	0.00	0.00
89	-1319.11	20.80	84.11	0.00	-20187.57	-4992.18
	-1319.11	20.80	84.11	0.00	0.00	0.00
88	17.08	-712.22	5.65	50.73	-529.63	3939.70
	17.08	-712.22	5.65	50.73	-376.84	-29537.35
87	-6.88	536.52	7.58	-61.70	-421.61	-29537.06
	-6.88	536.52	7.58	-61.70	419.78	29479.70
86	-21.50	-703.20	9.73	44.32	380.06	29479.50
	-21.50	-703.20	9.73	44.32	599.55	-3571.41
85	-122.34	-902.58	10.71	-58.94	-359.45	4561.33
	-122.34	-902.58	10.71	-58.94	-357.04	-37862.18
84	9.10	688.54	7.24	74.64	-370.79	-37861.75
	9.10	688.54	7.24	74.64	444.53	37877.31
83	126.43	-911.57	15.12	-66.04	437.01	37878.31
	126.43	-911.57	15.12	-66.04	444.58	-4965.57
82	36.07	-117.10	-15.74	-69.47	526.31	4488.49
	36.07	-117.10	-15.74	-69.47	-355.87	-2027.46
81	17.87	41.31	4.37	11.28	-332.44	-2023.49
	17.87	41.31	4.37	11.28	215.16	2615.84
80	-13.16	56.16	-8.59	85.53	214.85	2609.47
	-13.16	56.16	-8.59	85.53	-359.10	5188.63
79	-57.70	61.07	-16.96	-64.67	595.57	-4063.92
	-57.70	61.07	-16.96	-64.67	-382.15	-813.49
78	-17.00	10.68	5.10	5.13	-361.79	-818.02
	-17.00	10.68	5.10	5.13	252.05	402.61
77	32.84	-111.85	-9.70	91.08	247.30	409.14
	32.84	-111.85	-9.70	91.08	-444.04	-5654.42
65	-27.12	-54.12	1.29	4.71	-34.86	-80.49
	-27.12	-54.12	1.29	4.71	25.69	-2623.32
64	8.65	82.89	0.33	-5.05	-18.41	-4460.88
	8.65	82.89	0.33	-5.05	18.30	4657.98
63	31.93	-62.36	1.54	4.76	-31.55	3000.64
	31.93	-62.36	1.54	4.76	41.02	69.77
62	-14.98	-78.44	1.34	-6.95	-28.32	3772.40
	-14.98	-78.44	1.34	-6.95	34.66	85.96
61	-8.50	108.78	0.21	5.54	-11.44	-6111.96
	-8.50	108.78	0.21	5.54	11.57	5853.96
60	6.69	-88.63	1.05	-6.94	-27.29	-74.67
	6.69	-88.63	1.05	-6.94	22.24	-4240.08
59	-13.89	70.43	-1.63	-0.39	48.12	-112.36
	-13.89	70.43	-1.63	-0.39	-39.93	3691.23
58	-17.42	14.86	-0.13	0.89	6.71	1706.83
	-17.42	14.86	-0.13	0.89	-7.88	3280.10
57	15.76	-101.51	-1.02	0.48	24.58	5348.36
	15.76	-101.51	-1.02	0.48	-30.73	-133.53
56	6.87	-75.19	-1.69	0.26	50.12	105.99
	6.87	-75.19	-1.69	0.26	-41.05	-3954.25

55	15.15	-4.91	-0.17	0.39	8.77	-2162.18
	15.15	-4.91	-0.17	0.39	-9.82	-2687.59
54	-15.64	95.06	-1.07	1.01	25.81	-4992.59
	-15.64	95.06	-1.07	1.01	-31.93	140.68
53	-86.85	63.41	-0.14	-5.85	3.35	-5888.33
	-86.85	63.41	-0.14	-5.85	-6.79	-1350.78
52	-51.89	74.43	-3.54e-002	7.95	2.44	2087.54
	-51.89	74.43	-3.54e-002	7.95	-1.82	7415.56
51	47.82	69.52	-4.12e-002	8.36	-1.40	-6807.83
	47.82	69.52	-4.12e-002	8.36	-2.42	-1831.92
50	90.59	58.42	-0.15	-6.19	6.99	1154.31
	90.59	58.42	-0.15	-6.19	-4.16	5334.27
27	-105.58	-64.75	105.11	-974.68	-21009.30	6815.86
	-105.58	-64.75	105.11	-974.68	-6544.24	-2292.95
26	44.14	-49.56	65.47	0.00	-6547.23	4956.20
	44.14	-49.56	65.47	0.00	0.00	0.00
25	123.92	-55.58	120.66	-859.31	-21717.04	5975.69
	123.92	-55.58	120.66	-859.31	-5510.31	-1893.35
24	-14.83	-53.76	55.08	0.00	-5508.22	5375.94
	-14.83	-53.76	55.08	0.00	0.00	0.00
23	10.07	-126.06	-16.37	3.94	859.31	7007.87
	10.07	-126.06	-16.37	3.94	-974.68	-7110.80
22	884.99	44.05	139.73	0.00	-33534.67	-10571.27
	884.99	44.05	139.73	0.00	0.00	0.00
21	-948.95	-27.25	139.03	0.00	-33367.59	6540.04
	-948.95	-27.25	139.03	0.00	0.00	0.00
20	-1692.60	22.41	-90.57	0.00	5434.31	-1344.38
	-1692.60	22.41	-90.57	0.00	0.00	0.00
19	1695.17	-27.42	-90.74	0.00	5444.39	1645.31
	1695.17	-27.42	-90.74	0.00	0.00	0.00
18	-1692.60	46.51	356.64	-1.62e-013	-38266.56	-5773.03
	-1692.60	46.51	356.64	-1.62e-013	-13901.01	-3180.17
17	-1692.60	30.87	172.41	-1.17e-013	-13901.01	-3180.17
	-1692.60	30.87	172.41	-1.17e-013	5434.31	-1344.38
16	1695.17	-46.29	356.51	-1.28e-013	-38229.31	3864.44
	1695.17	-46.29	356.51	-1.28e-013	-13873.36	1236.30
15	1695.17	-21.97	172.25	5.16e-016	-13873.36	1236.30
	1695.17	-21.97	172.25	5.16e-016	5444.39	1645.31
14	-86.14	-17.15	0.15	-3.45	-8.26	1365.56
	-86.14	-17.15	0.15	-3.45	4.13	-72.57
13	-78.73	-13.02	-0.13	4.24	3.95	-70.76
	-78.73	-13.02	-0.13	4.24	-7.13	-1010.87
12	79.06	-12.17	-0.10	4.73	-5.22	958.24
	79.06	-12.17	-0.10	4.73	-3.88	70.84
11	86.20	-16.31	0.14	-3.76	-3.14	70.86
	86.20	-16.31	0.14	-3.76	7.98	-1285.38

Condizione "(1) Dinamica SLDh X"

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
49	581.08	2.86e-002	371.70	3.07	-12371.85	-2.56
	581.08	2.86e-002	371.70	3.07	15673.17	-0.44
48	303.69	2.86e-002	276.25	3.07	-6802.65	-2.03
	303.69	2.86e-002	276.25	3.07	14115.83	0.17
47	-587.07	-2.86e-002	371.59	3.07	-12369.09	2.56
	-587.07	-2.86e-002	371.59	3.07	15670.11	0.44

46	-308.49	-2.86e-002	276.46	3.07	-6816.69	2.03
	-308.49	-2.86e-002	276.46	3.07	14120.46	-0.17
45	112.48	2.87e-002	143.43	3.06	-1416.01	-1.50
	112.48	2.87e-002	143.43	3.06	8606.25	0.45
44	1.41	6.70e-002	9.63	4.55e-016	-168.60	-1.17
	1.41	6.70e-002	9.63	4.55e-016	2.20e-009	7.56e-012
43	-115.01	-2.87e-002	143.96	3.06	-1448.67	1.50
	-115.01	-2.87e-002	143.96	3.06	8622.88	-0.45
42	1.90	-6.70e-002	9.63	4.79e-016	-168.58	1.17
	1.90	-6.70e-002	9.63	4.79e-016	1.12e-009	-2.69e-012
41	1185.51	-7.23e-002	440.57	9.86	0.00	0.00
	1185.51	-7.23e-002	440.57	9.86	7715.48	-1.27
40	896.35	2.83e-002	423.83	3.08	-15577.51	-2.86
	896.35	2.83e-002	423.83	3.08	13149.81	-0.97
39	-1191.19	7.23e-002	434.19	12.53	0.00	0.00
	-1191.19	7.23e-002	434.19	12.53	7603.83	1.27
38	-902.50	-2.83e-002	425.14	3.12	-15647.19	2.86
	-902.50	-2.83e-002	425.14	3.12	13163.10	0.97
37	-45.00	3.83e-002	-110.09	-1.62	8789.77	-3.06
	-45.00	3.83e-002	-110.09	-1.62	215.33	-3.31e-008
36	44.48	3.83e-002	-109.62	-1.62	215.33	-3.31e-008
	44.48	3.83e-002	-109.62	-1.62	-8773.00	3.06
35	-36.79	1.40e-004	-188.76	-1.62	15089.18	-1.12e-002
	-36.79	1.40e-004	-188.76	-1.62	194.70	-2.83e-006
34	36.86	1.40e-004	-188.37	-1.62	194.70	-2.83e-006
	36.86	1.40e-004	-188.37	-1.62	-15074.00	1.12e-002
33	-28.60	-1.61e-005	-275.79	-1.62	22055.98	1.15e-003
	-28.60	-1.61e-005	-275.79	-1.62	196.87	-2.72e-004
32	28.99	-1.61e-005	-275.56	-1.62	196.87	-2.72e-004
	28.99	-1.61e-005	-275.56	-1.62	-22047.64	-1.47e-003
31	-22.10	3.67e-004	-315.12	-1.62	25208.08	-4.93e-002
	-22.10	3.67e-004	-315.12	-1.62	192.58	-2.61e-002
30	19.69	3.67e-004	-315.09	-1.62	192.58	-2.61e-002
	19.69	3.67e-004	-315.09	-1.62	-25204.36	2.57e-002
29	-13.22	0.10	-290.04	-1.62	23196.65	-9.48
	-13.22	0.10	-290.04	-1.62	-216.38	-2.26
28	24.26	0.10	-290.17	-1.62	-216.38	-2.26
	24.26	0.10	-290.17	-1.62	-23214.43	6.93
102	130.08	70.57	-76.39	0.00	18333.45	-16936.83
	130.08	70.57	-76.39	0.00	0.00	0.00
101	236.74	151.43	-78.13	0.00	18752.11	-36344.04
	236.74	151.43	-78.13	0.00	0.00	0.00
96	595.57	111.25	40.09	0.00	-9621.74	-26699.90
	595.57	111.25	40.09	0.00	0.00	0.00
95	-594.33	111.11	-38.14	0.00	9152.72	-26667.45
	-594.33	111.11	-38.14	0.00	0.00	0.00
90	178.95	58.70	-55.14	0.00	13233.21	-14086.84
	178.95	58.70	-55.14	0.00	0.00	0.00
89	-166.58	88.40	-55.71	0.00	13371.31	-21215.55
	-166.58	88.40	-55.71	0.00	0.00	0.00
88	55.48	-61.76	22.94	27.70	-341.80	1522.34
	55.48	-61.76	22.94	27.70	832.41	-3897.94
87	62.78	71.26	-9.51	13.20	842.94	-3900.05

	62.78	71.26	-9.51	13.20	552.50	3940.97
86	70.93	99.26	-27.86	-11.75	568.01	3941.43
	70.93	99.26	-27.86	-11.75	-903.37	756.32
85	-110.36	62.84	60.82	30.16	-1204.65	-1700.57
	-110.36	62.84	60.82	30.16	1753.86	3364.62
84	-83.76	-61.61	-21.58	12.09	1749.69	3366.27
	-83.76	-61.61	-21.58	12.09	1215.13	-3413.32
83	-88.43	-84.28	-49.92	-9.18	1224.82	-3413.52
	-88.43	-84.28	-49.92	-9.18	-1393.30	-599.55
82	-28.07	-289.45	11.25	-17.53	342.58	1760.80
	-28.07	-289.45	11.25	-17.53	703.74	-13886.36
81	-29.81	248.10	-13.04	35.23	746.58	-13887.33
	-29.81	248.10	-13.04	35.23	-734.09	13900.55
80	-33.09	-293.29	-14.41	-20.89	-669.07	13899.84
	-33.09	-293.29	-14.41	-20.89	-1195.79	-1963.69
79	97.26	-45.51	15.04	13.13	-899.22	864.60
	97.26	-45.51	15.04	13.13	-446.16	-1638.32
78	-18.42	27.53	9.30	1.21	-503.67	-1637.53
	-18.42	27.53	9.30	1.21	563.21	1465.36
77	-116.57	-38.21	20.77	10.16	489.24	1465.83
	-116.57	-38.21	20.77	10.16	1382.63	-685.43
65	23.80	57.04	1.92	-1.01	-48.25	-52.45
	23.80	57.04	1.92	-1.01	41.96	2628.99
64	-44.36	-21.96	-0.31	-0.67	20.03	1878.04
	-44.36	-21.96	-0.31	-0.67	-14.83	581.78
63	-27.75	-6.19	-3.39	-0.85	71.70	296.04
	-27.75	-6.19	-3.39	-0.85	-87.63	-12.42
62	36.63	7.20	-4.04	-0.60	87.29	-341.58
	36.63	7.20	-4.04	-0.60	-102.64	9.30
61	83.20	19.58	-0.40	-0.67	24.94	-1709.92
	83.20	19.58	-0.40	-0.67	-20.13	-538.24
60	-13.87	-54.60	3.07	-0.78	-76.10	55.69
	-13.87	-54.60	3.07	-0.78	68.20	-2511.65
59	-28.40	-40.82	0.69	-2.42	-19.95	-17.35
	-28.40	-40.82	0.69	-2.42	17.38	-2218.65
58	-55.15	53.82	-0.39	2.87	21.73	-3061.21
	-55.15	53.82	-0.39	2.87	-21.89	2969.70
57	-113.93	-37.85	-1.17	-2.49	26.34	2061.88
	-113.93	-37.85	-1.17	-2.49	-38.15	22.15
56	-21.10	-8.69	1.83	0.73	-55.86	-24.38
	-21.10	-8.69	1.83	0.73	42.98	-446.91
55	-47.54	4.68	0.45	0.15	-24.85	-251.42
	-47.54	4.68	0.45	0.15	25.55	297.17
54	-91.74	-8.31	2.29	0.61	-50.07	431.18
	-91.74	-8.31	2.29	0.61	74.12	20.76
53	-48.53	19.60	0.16	2.85	-2.16	-2295.29
	-48.53	19.60	0.16	2.85	9.72	-904.92
52	140.03	8.77	0.15	-0.65	4.66	306.17
	140.03	8.77	0.15	-0.65	10.97	897.14
51	71.36	-22.16	-5.71e-002	2.61	9.08	2561.30
	71.36	-22.16	-5.71e-002	2.61	9.02	988.01
50	-131.88	-10.34	0.11	-0.70	4.74	-422.83
	-131.88	-10.34	0.11	-0.70	4.37	-1131.30

27	441.96	186.76	42.26	-1412.43	-9465.37	-19003.73
	441.96	186.76	42.26	-1412.43	-4164.11	7175.00
26	66.27	144.03	41.71	0.00	-4171.38	-14403.36
	66.27	144.03	41.71	0.00	0.00	0.00
25	-446.79	179.18	-41.64	-1326.00	8943.06	-18313.43
	-446.79	179.18	-41.64	-1326.00	3520.30	6806.91
24	-72.03	147.12	-35.27	0.00	3526.68	-14711.89
	-72.03	147.12	-35.27	0.00	0.00	0.00
23	13.11	382.03	-24.44	9.79	1326.00	-21353.14
	13.11	382.03	-24.44	9.79	-1412.43	21434.35
22	-270.07	150.73	88.71	0.00	-21289.29	-36174.85
	-270.07	150.73	88.71	0.00	0.00	0.00
21	-105.28	72.55	86.62	0.00	-20787.69	-17411.17
	-105.28	72.55	86.62	0.00	0.00	0.00
20	144.36	-147.88	44.87	0.00	-2691.91	8872.95
	144.36	-147.88	44.87	0.00	0.00	0.00
19	-153.92	-120.94	45.05	0.00	-2702.74	7256.27
	-153.92	-120.94	45.05	0.00	0.00	0.00
18	144.36	362.39	148.16	-4.94e-013	-20004.46	-34837.82
	144.36	362.39	148.16	-4.94e-013	-10330.36	-11074.18
17	144.36	168.84	106.25	-5.89e-014	-10330.36	-11074.18
	144.36	168.84	106.25	-5.89e-014	-2691.91	8872.95
16	-153.92	275.46	148.07	9.21e-013	-19848.04	-27022.95
	-153.92	275.46	148.07	9.21e-013	-10189.35	-9758.38
15	-153.92	134.34	105.66	9.17e-016	-10189.35	-9758.38
	-153.92	134.34	105.66	9.17e-016	-2702.74	7256.27
14	57.35	3.25	-0.38	2.20	20.24	272.23
	57.35	3.25	-0.38	2.20	-10.47	516.36
13	63.99	-8.19	0.61	-0.42	-20.99	514.35
	63.99	-8.19	0.61	-0.42	27.67	209.45
12	-76.07	-3.07	-0.72	2.03	34.18	-291.76
	-76.07	-3.07	-0.72	2.03	-22.42	-525.17
11	-84.17	8.32	0.33	-0.33	-12.14	-522.87
	-84.17	8.32	0.33	-0.33	15.62	-206.85

Condizione "(1) PERM"

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
49	-1.82e-012	-159.41	-0.15	1.05e-002	9.14	-23497.14
	-1.82e-012	-14.26	-0.15	1.05e-002	-2.30	-30020.59
48	-1.14e-012	14.26	3.24e-002	6.53e-003	-1.94	-30020.59
	-1.14e-012	159.41	3.24e-002	6.53e-003	0.50	-23497.14
47	2.27e-013	-159.41	0.15	2.45e-003	-9.14	-23497.15
	2.27e-013	-14.26	0.15	2.45e-003	2.30	-30020.60
46	-2.27e-013	14.26	-3.24e-002	6.44e-003	1.94	-30020.60
	-2.27e-013	159.41	-3.24e-002	6.44e-003	-0.50	-23497.15
45	-1.02e-012	187.93	-6.59e-003	6.46e-003	0.42	-23497.14
	-1.02e-012	318.57	-6.59e-003	6.46e-003	-2.88e-002	-6374.53
44	-4.55e-013	347.08	-2.10e-013	-7.11e-015	3.55e-012	-6374.53
	-4.55e-013	380.92	-2.10e-013	-7.11e-015	1.71e-013	0.00
43	-4.55e-013	187.93	6.59e-003	6.45e-003	-0.42	-23497.14
	-4.55e-013	318.57	6.59e-003	6.45e-003	2.88e-002	-6374.53
42	-4.55e-013	347.08	7.42e-014	7.11e-015	3.40e-012	-6374.53
	-4.55e-013	380.92	7.42e-014	7.11e-015	4.83e-013	-1.16e-010
41	-1.82e-012	-380.92	-3.05	33.53	0.00	0.00
	-1.82e-012	-347.08	-3.05	33.53	-53.35	-6374.52

40	-2.27e-012	-318.57	0.83	0.39	-45.52	-6374.52
	-2.27e-012	-187.93	0.83	0.39	10.88	-23497.13
39	1.82e-012	-380.92	3.05	-33.62	0.00	0.00
	1.82e-012	-347.08	3.05	-33.62	53.35	-6374.54
38	5.68e-013	-318.57	-0.83	-0.38	45.52	-6374.54
	5.68e-013	-187.93	-0.83	-0.38	-10.88	-23497.15
37	-6.59e-003	-28.51	1.87e-013	-3.42e-003	2.88e-002	-6.45e-003
	-6.59e-003	8.07e-005	1.87e-013	-3.42e-003	2.88e-002	-1140.54
36	-6.59e-003	8.07e-005	1.89e-013	-3.42e-003	2.88e-002	-1140.54
	-6.59e-003	28.51	1.89e-013	-3.42e-003	2.88e-002	6.46e-003
35	3.90e-002	-28.51	2.76e-013	-3.42e-003	-7.83e-002	1.34e-005
	3.90e-002	3.52e-007	2.76e-013	-3.42e-003	-7.83e-002	-1140.54
34	3.90e-002	3.52e-007	2.76e-013	-3.42e-003	-7.83e-002	-1140.54
	3.90e-002	28.51	2.76e-013	-3.42e-003	-7.83e-002	6.97e-005
33	-0.18	-28.51	3.93e-013	-3.42e-003	0.37	3.99e-003
	-0.18	6.58e-008	3.93e-013	-3.42e-003	0.37	-1140.54
32	-0.18	6.58e-008	3.95e-013	-3.42e-003	0.37	-1140.54
	-0.18	28.51	3.95e-013	-3.42e-003	0.37	4.00e-003
31	0.99	-28.51	4.71e-013	-3.43e-003	-1.73	0.38
	0.99	-2.40e-006	4.71e-013	-3.43e-003	-1.73	-1140.16
30	0.99	-2.40e-006	4.71e-013	-3.43e-003	-1.73	-1140.16
	0.99	28.51	4.71e-013	-3.43e-003	-1.73	0.38
29	-3.88	-28.51	4.65e-013	-3.43e-003	7.84	33.23
	-3.88	-6.41e-004	4.65e-013	-3.43e-003	7.84	-1107.36
28	-3.88	-6.41e-004	4.65e-013	-3.43e-003	7.84	-1107.36
	-3.88	28.51	4.65e-013	-3.43e-003	7.84	33.13
102	105.38	-2.72e-003	0.14	0.00	-33.67	0.65
	-4.52	-2.72e-003	0.14	0.00	0.00	0.00
101	102.78	-4.16e-002	-6.59e-002	0.00	15.82	9.99
	-7.12	-4.16e-002	-6.59e-002	0.00	0.00	0.00
96	223.82	0.23	1.37e-002	0.00	-3.30	-54.67
	69.90	0.23	1.37e-002	0.00	0.00	0.00
95	226.83	-0.21	-4.63e-002	0.00	11.11	50.08
	72.91	-0.21	-4.63e-002	0.00	0.00	0.00
90	222.85	-2.05e-002	0.22	0.00	-51.62	4.92
	68.93	-2.05e-002	0.22	0.00	0.00	0.00
89	226.41	-3.40e-002	-0.20	0.00	47.13	8.15
	72.49	-3.40e-002	-0.20	0.00	0.00	0.00
88	8.45e-002	12.90	5.54e-003	-14.70	-0.36	-738.50
	8.45e-002	30.96	5.54e-003	-14.70	-0.10	292.31
87	0.28	-21.86	2.03e-003	6.76e-002	-0.12	290.73
	0.28	20.42	2.03e-003	6.76e-002	0.10	211.42
86	6.77e-002	-28.98	6.44e-003	14.50	6.49e-002	213.00
	6.77e-002	-10.92	6.44e-003	14.50	0.37	-724.56
85	-0.11	13.90	-5.74e-003	14.70	-0.37	-737.82
	-0.11	31.96	-5.74e-003	14.70	-0.64	339.81
84	-0.11	-22.22	1.48e-002	-0.14	-0.69	338.23
	-0.11	20.06	1.48e-002	-0.14	0.94	219.91
83	-6.24e-002	-29.23	-1.78e-002	-14.59	0.90	221.50
	-6.24e-002	-11.16	-1.78e-002	-14.59	6.65e-002	-727.65
82	5.56e-002	12.53	-1.12e-002	14.99	0.36	-845.47
	5.56e-002	28.97	-1.12e-002	14.99	-0.25	274.89
81	0.26	-17.68	4.91e-003	-0.15	-0.23	273.45

	0.26	16.41	4.91e-003	-0.15	0.32	202.43
80	3.82e-002	-27.63	-1.34e-002	-15.07	0.35	203.90
	3.82e-002	-11.20	-1.34e-002	-15.07	-0.37	-844.59
79	-8.14e-002	11.71	-4.75e-003	-14.76	0.36	-829.55
	-8.14e-002	28.14	-4.75e-003	-14.76	0.10	246.30
78	0.32	-17.12	-1.11e-003	6.19e-002	0.15	244.87
	0.32	16.96	-1.11e-003	6.19e-002	2.76e-002	235.84
77	6.38e-004	-28.04	-1.89e-003	14.86	3.81e-002	237.28
	6.38e-004	-11.60	-1.89e-003	14.86	-6.39e-002	-833.07
65	3.02e-002	-26.26	4.70e-004	-1.44	-1.28e-002	15.14
	3.02e-002	-9.17	4.70e-004	-1.44	9.26e-003	-817.57
64	6.37e-002	-20.08	2.01e-004	6.43e-003	-1.09e-002	-430.73
	6.37e-002	19.91	2.01e-004	6.43e-003	1.13e-002	-440.16
63	8.20e-002	9.23	1.86e-003	1.43	-3.95e-002	-820.67
	8.20e-002	26.32	1.86e-003	1.43	4.78e-002	14.83
62	-2.67e-002	9.14	3.09e-004	-1.44	-4.00e-003	-816.31
	-2.67e-002	26.23	3.09e-004	-1.44	1.05e-002	14.80
61	-1.45e-002	-20.20	3.79e-004	-1.00e-002	-1.82e-002	-414.63
	-1.45e-002	19.80	3.79e-004	-1.00e-002	2.34e-002	-436.62
60	4.56e-003	-25.86	1.24e-003	1.46	-3.38e-002	14.92
	4.56e-003	-8.77	1.24e-003	1.46	2.45e-002	-798.76
59	3.05e-002	-19.66	-7.13e-004	1.58	2.19e-002	14.76
	3.05e-002	-14.07	-7.13e-004	1.58	-1.66e-002	-895.98
58	6.41e-002	-5.98	-8.57e-005	-1.34e-002	4.30e-003	-498.17
	6.41e-002	5.63	-8.57e-005	-1.34e-002	-5.30e-003	-518.06
57	7.60e-002	14.39	-1.79e-003	-1.59	4.51e-002	-913.53
	7.60e-002	19.99	-1.79e-003	-1.59	-5.18e-002	14.84
56	2.49e-002	-19.53	-1.27e-003	-1.58	3.76e-002	14.43
	2.49e-002	-13.94	-1.27e-003	-1.58	-3.08e-002	-889.23
55	1.57e-002	-5.84	-9.29e-005	7.02e-003	7.06e-003	-498.37
	1.57e-002	5.76	-9.29e-005	7.02e-003	-3.35e-003	-502.65
54	5.49e-003	14.01	-1.16e-003	1.59	2.71e-002	-893.36
	5.49e-003	19.61	-1.16e-003	1.59	-3.58e-002	14.45
53	-1.12e-002	-18.31	-2.67e-005	0.31	4.87e-004	1101.66
	-1.12e-002	-10.89	-2.67e-005	0.31	-1.43e-003	56.37
52	-4.33e-002	10.63	-1.26e-004	0.31	6.49e-003	58.52
	-4.33e-002	18.05	-1.26e-004	0.31	-2.53e-003	1085.34
51	0.10	-18.23	2.85e-005	-0.34	-3.97e-003	1100.49
	0.10	-10.81	2.85e-005	-0.34	-1.93e-003	60.89
50	0.10	10.68	-1.82e-004	-0.30	6.31e-003	50.69
	0.10	18.10	-1.82e-004	-0.30	-6.70e-003	1080.79
27	230.83	1.12	-2.91e-002	-0.13	6.65	-97.06
	141.05	1.12	-2.91e-002	-0.13	2.58	60.29
26	135.36	0.32	-2.59e-002	0.00	2.59	-32.26
	71.23	0.32	-2.59e-002	0.00	0.00	0.00
25	231.43	-1.21	8.15e-002	-0.23	-19.23	103.74
	141.64	-1.21	8.15e-002	-0.23	-7.82	-65.39
24	135.72	-0.41	7.83e-002	0.00	-7.83	40.68
	71.59	-0.41	7.83e-002	0.00	0.00	0.00
23	0.80	-5.92	-3.17e-003	-1.14e-002	0.23	106.08
	0.80	5.68	-3.17e-003	-1.14e-002	-0.13	92.56
22	103.03	0.11	3.08e-002	0.00	-7.39	-26.05
	-6.86	0.11	3.08e-002	0.00	0.00	0.00

21	105.18	-1.41e-002	-9.28e-002	0.00	22.28	3.39
	-4.71	-1.41e-002	-9.28e-002	0.00	0.00	0.00
20	112.65	0.10	2.06e-003	0.00	-0.12	-5.79
	74.17	0.10	2.06e-003	0.00	0.00	0.00
19	107.38	-2.71e-002	-5.30e-002	0.00	3.18	1.63
	68.90	-2.71e-002	-5.30e-002	0.00	0.00	0.00
18	228.09	0.10	2.06e-003	-1.11e-016	-0.49	-23.17
	183.19	0.10	2.06e-003	-1.11e-016	-0.35	-16.42
17	183.19	0.10	2.06e-003	0.00	-0.35	-16.42
	112.65	0.10	2.06e-003	0.00	-0.12	-5.79
16	222.82	-2.71e-002	-5.30e-002	0.00	12.72	6.51
	177.93	-2.71e-002	-5.30e-002	0.00	9.01	4.61
15	177.93	-2.71e-002	-5.30e-002	0.00	9.01	4.61
	107.38	-2.71e-002	-5.30e-002	0.00	3.18	1.63
14	-5.93e-002	-8.07	2.47e-005	-0.20	-2.19e-003	-496.44
	-5.93e-002	6.63e-002	2.47e-005	-0.20	-2.45e-004	-810.44
13	-5.97e-002	8.89e-002	1.35e-004	-0.20	-1.16e-003	-810.41
	-5.97e-002	8.22	1.35e-004	-0.20	9.44e-003	-484.24
12	0.12	-8.15	2.33e-004	0.18	-9.63e-003	-488.35
	0.12	-1.67e-002	2.33e-004	0.18	8.63e-003	-808.87
11	0.12	-3.94e-002	-2.05e-004	0.21	9.54e-003	-808.87
	0.12	8.09	-2.05e-004	0.21	-6.56e-003	-492.75

Condizione "(1) Vx"

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
49	239.39	1.27e-002	197.93	1.38	-5249.86	-1.12
	239.39	1.27e-002	152.86	1.38	7926.60	-0.16
48	113.46	1.27e-002	131.03	1.38	-2148.16	-0.89
	113.46	1.27e-002	85.96	1.38	6002.55	6.71e-002
47	-239.39	-1.27e-002	218.68	1.38	-5478.73	1.12
	-239.39	-1.27e-002	130.79	1.38	7648.18	0.16
46	-113.46	-1.27e-002	152.61	1.38	-2425.08	0.89
	-113.46	-1.27e-002	64.71	1.38	5738.12	-6.71e-002
45	38.56	1.28e-002	64.52	1.38	10.74	-0.66
	38.56	1.28e-002	23.95	1.38	3001.82	0.20
44	9.09e-013	3.00e-002	10.51	2.22e-016	-92.01	-0.53
	9.09e-013	3.00e-002	6.37e-012	2.22e-016	6.80e-010	3.64e-012
43	-38.56	-1.28e-002	86.15	1.38	-253.78	0.66
	-38.56	-1.28e-002	7.04	1.38	2896.66	-0.20
42	3.64e-012	-3.00e-002	20.49	4.44e-016	-179.41	0.53
	3.64e-012	-3.00e-002	-6.28e-011	4.44e-016	1.93e-010	0.00
41	568.17	-2.93e-002	289.91	3.31	0.00	0.00
	568.17	-2.93e-002	279.40	3.31	4984.97	-0.51
40	403.20	1.26e-002	257.99	1.38	-8219.86	-1.24
	403.20	1.26e-002	217.42	1.38	7851.81	-0.39
39	-568.17	2.93e-002	277.38	6.18	0.00	0.00
	-568.17	2.93e-002	256.89	6.18	4678.19	0.51
38	-403.20	-1.26e-002	278.30	1.41	-8512.06	1.24
	-403.20	-1.26e-002	199.19	1.41	7630.30	0.39
37	13.45	1.72e-002	-38.56	-0.73	3076.08	-1.38
	13.45	1.72e-002	-38.56	-0.73	-8.88	-2.07e-008
36	13.45	1.72e-002	-38.56	-0.73	-8.88	-2.07e-008
	13.45	1.72e-002	-38.56	-0.73	-3093.83	1.38
35	21.44	6.29e-005	-74.90	-0.73	5991.90	-5.03e-003
	21.44	6.29e-005	-74.90	-0.73	4.64e-002	-1.77e-006

34	21.44	6.29e-005	-74.90	-0.73	4.64e-002	-1.77e-006
	21.44	6.29e-005	-74.90	-0.73	-5991.81	5.03e-003
33	21.82	-6.94e-006	-125.93	-0.73	10073.27	3.84e-004
	21.82	-6.94e-006	-125.93	-0.73	-0.75	-1.71e-004
32	21.82	-6.94e-006	-125.93	-0.73	-0.75	-1.71e-004
	21.82	-6.94e-006	-125.93	-0.73	-10074.77	-7.26e-004
31	19.49	1.54e-004	-163.82	-0.73	13109.03	-2.87e-002
	19.49	1.54e-004	-163.82	-0.73	3.68	-1.64e-002
30	19.49	1.54e-004	-163.82	-0.73	3.68	-1.64e-002
	19.49	1.54e-004	-163.82	-0.73	-13101.67	-4.09e-003
29	21.41	4.19e-002	-164.97	-0.73	13190.25	-4.77
	21.41	4.19e-002	-164.97	-0.73	-7.29	-1.42
28	21.41	4.19e-002	-164.97	-0.73	-7.29	-1.42
	21.41	4.19e-002	-164.97	-0.73	-13204.83	1.94
102	10.39	65.31	-5.35	0.00	1284.18	-6747.51
	10.39	-9.09	-5.35	0.00	0.00	0.00
101	86.38	70.85	-6.33	0.00	1520.01	-8075.71
	86.38	-3.55	-6.33	0.00	0.00	0.00
96	142.31	18.67	1.73	0.00	-415.41	-4480.03
	142.31	18.67	1.73	0.00	0.00	0.00
95	-141.73	18.71	-2.48	0.00	594.65	-4489.69
	-141.73	18.71	-2.48	0.00	0.00	0.00
90	17.93	120.53	-3.68	0.00	883.63	-8190.94
	17.93	-52.27	-3.68	0.00	0.00	0.00
89	-24.10	123.26	-4.18	0.00	1003.78	-8846.15
	-24.10	-49.54	-4.18	0.00	0.00	0.00
88	20.40	-21.77	12.78	7.77	-318.32	490.84
	20.40	-21.77	12.78	7.77	282.13	-532.27
87	24.82	8.79	0.29	-1.17	272.97	-531.83
	24.82	8.79	0.29	-1.17	305.06	435.29
86	27.90	-6.66	-17.16	-3.02	325.25	434.86
	27.90	-6.66	-17.16	-3.02	-481.15	121.74
85	-16.88	22.50	8.42	8.14	-179.54	-506.25
	-16.88	22.50	8.42	8.14	216.15	551.29
84	-21.59	-9.74	-0.29	-0.62	212.16	550.80
	-21.59	-9.74	-0.29	-0.62	180.60	-521.01
83	-25.41	9.92	-11.46	-1.63	197.49	-520.74
	-25.41	9.92	-11.46	-1.63	-341.22	-54.57
82	27.58	-72.02	-4.24	-6.08	315.55	565.36
	27.58	-72.02	-4.24	-6.08	86.67	-3323.58
81	9.63	59.45	-1.91	8.39	105.25	-3323.75
	9.63	59.45	-1.91	8.39	-108.60	3335.05
80	-8.47	-72.55	-1.56	-6.44	-94.53	3334.92
	-8.47	-72.55	-1.56	-6.44	-178.67	-583.00
79	57.07	-17.16	6.34	2.33	-477.03	140.48
	57.07	-17.16	6.34	2.33	-134.60	-786.23
78	8.59	11.83	2.90	-0.41	-170.17	-786.03
	8.59	11.83	2.90	-0.41	154.54	539.26
77	-35.35	-11.16	4.00	0.92	123.37	539.31
	-35.35	-11.16	4.00	0.92	339.29	-63.50
65	0.15	10.26	0.75	-0.17	-18.57	-14.46
	0.15	10.26	0.75	-0.17	16.84	467.54
64	-24.35	-0.94	-2.26e-002	-0.29	2.70	226.85

	-24.35	-0.94	-2.26e-002	-0.29	0.21	123.98
63	-6.84	-4.17	-1.40	-0.20	30.42	193.40
	-6.84	-4.17	-1.40	-0.20	-35.57	-2.73
62	3.40	3.25	-1.21	-5.23e-002	25.78	-151.38
	3.40	3.25	-1.21	-5.23e-002	-31.17	1.33
61	16.15	1.15	-3.14e-002	-0.22	3.09	-231.30
	16.15	1.15	-3.14e-002	-0.22	-0.36	-104.32
60	-2.08	-10.30	0.57	-0.13	-14.07	14.82
	-2.08	-10.30	0.57	-0.13	12.52	-469.25
59	37.06	-6.46	-0.23	-0.44	9.16	-8.94
	37.06	-6.46	-0.23	-0.44	-3.49	-357.53
58	10.00	10.96	-7.04e-002	0.81	3.96	-619.35
	10.00	10.96	-7.04e-002	0.81	-3.93	607.83
57	-10.47	-6.27	-0.10	-0.49	1.35	347.18
	-10.47	-6.27	-0.10	-0.49	-4.00	8.75
56	34.82	-2.47	0.60	0.43	-20.19	-1.85
	34.82	-2.47	0.60	0.43	12.30	-135.45
55	12.34	3.31	0.16	9.30e-002	-8.92	-220.57
	12.34	3.31	0.16	9.30e-002	8.76	149.77
54	-5.15	-1.75	0.53	0.27	-11.85	95.35
	-5.15	-1.75	0.53	0.27	16.89	1.01
53	-14.95	7.41	-2.31e-002	0.41	2.77	-738.85
	-14.95	7.41	-2.31e-002	0.41	1.11	-208.68
52	41.58	2.45e-002	2.26e-002	-0.15	0.31	80.14
	41.58	2.45e-002	2.26e-002	-0.15	1.93	81.89
51	13.41	-7.46	8.96e-003	0.40	0.88	761.76
	13.41	-7.46	8.96e-003	0.40	1.52	228.06
50	-40.92	-0.11	5.56e-002	-0.17	0.14	-174.27
	-40.92	-0.11	5.56e-002	-0.17	4.12	-182.09
27	140.54	53.65	1.50	-66.68	-439.54	-5564.24
	140.54	53.65	1.50	-66.68	-228.91	1946.14
26	26.25	45.15	2.30	0.00	-229.97	-4515.22
	26.25	45.15	2.30	0.00	0.00	0.00
25	-147.46	41.39	-2.60	-22.39	703.38	-4444.02
	-147.46	41.39	-2.60	-22.39	338.84	1351.03
24	-33.17	49.89	-3.40	0.00	339.91	-4988.66
	-33.17	49.89	-3.40	0.00	0.00	0.00
23	8.49	114.30	-0.80	1.06	22.39	-6339.69
	8.49	114.30	-0.80	1.06	-66.68	6461.36
22	-87.60	48.47	6.52	0.00	-1565.33	-7024.95
	-87.60	10.07	6.52	0.00	0.00	0.00
21	-1.22	45.86	5.91	0.00	-1417.42	-6399.44
	-1.22	7.46	5.91	0.00	0.00	0.00
20	25.98	3.02	4.61	0.00	-276.63	484.70
	25.98	-19.18	4.61	0.00	0.00	0.00
19	-21.41	5.88	4.36	0.00	-261.35	313.24
	-21.41	-16.32	4.36	0.00	0.00	0.00
18	25.98	69.62	4.61	-5.68e-014	-1106.53	-6053.21
	25.98	43.72	4.61	-5.68e-014	-783.80	-2086.19
17	25.98	43.72	4.61	2.84e-014	-783.80	-2086.19
	25.98	3.02	4.61	2.84e-014	-276.63	484.70
16	-21.41	72.48	4.36	8.88e-016	-1045.39	-6739.04
	-21.41	46.58	4.36	8.88e-016	-740.49	-2571.99

15	-21.41	46.58	4.36	0.00	-740.49	-2571.99
	-21.41	5.88	4.36	0.00	-261.35	313.24
14	20.88	1.18	-0.18	0.42	7.81	146.21
	20.88	1.18	-0.18	0.42	-6.19	239.15
13	21.20	-2.93	0.12	-0.17	-3.61	238.53
	21.20	-2.93	0.12	-0.17	5.85	8.19
12	-13.55	-1.68	-0.12	0.39	5.67	-124.10
	-13.55	-1.68	-0.12	0.39	-4.09	-256.35
11	-13.84	2.43	0.20	-0.24	-6.67	-255.77
	-13.84	2.43	0.20	-0.24	9.14	-64.74

Condizione "(1) Vy"

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
49	1.46e-010	9.73e-004	-0.23	0.11	13.90	-7.73e-002
	1.46e-010	9.73e-004	-0.23	0.11	-3.50	-4.16e-003
48	1.75e-010	9.73e-004	4.93e-002	0.11	-2.95	-6.30e-002
	1.75e-010	9.73e-004	4.93e-002	0.11	0.75	1.01e-002
47	1.16e-010	-9.73e-004	0.23	0.11	-13.90	7.73e-002
	1.16e-010	-9.73e-004	0.23	0.11	3.50	4.16e-003
46	1.46e-010	-9.73e-004	-4.93e-002	0.11	2.95	6.30e-002
	1.46e-010	-9.73e-004	-4.93e-002	0.11	-0.75	-1.01e-002
45	1.46e-010	9.78e-004	-1.00e-002	0.11	0.63	-4.87e-002
	1.46e-010	9.78e-004	-1.00e-002	0.11	-4.38e-002	1.74e-002
44	1.16e-010	2.37e-003	-1.14e-012	2.78e-017	2.91e-011	-4.14e-002
	1.16e-010	2.37e-003	-1.14e-012	2.78e-017	2.91e-011	-3.64e-012
43	1.46e-010	-9.78e-004	1.00e-002	0.11	-0.63	4.87e-002
	1.46e-010	-9.78e-004	1.00e-002	0.11	4.38e-002	-1.74e-002
42	1.16e-010	-2.37e-003	0.00	2.78e-017	2.68e-011	4.14e-002
	1.16e-010	-2.37e-003	0.00	2.78e-017	3.37e-011	-3.64e-012
41	3.49e-010	-1.42e-003	-4.63	1.29	0.00	0.00
	3.49e-010	-1.42e-003	-4.63	1.29	-81.10	-2.49e-002
40	1.46e-010	9.64e-004	1.27	0.12	-69.19	-8.37e-002
	1.46e-010	9.64e-004	1.27	0.12	16.53	-1.85e-002
39	4.66e-010	1.42e-003	4.63	-0.68	0.00	0.00
	4.66e-010	1.42e-003	4.63	-0.68	81.10	2.49e-002
38	1.75e-010	-9.64e-004	-1.27	0.10	69.19	8.37e-002
	1.75e-010	-9.64e-004	-1.27	0.10	-16.53	1.85e-002
37	-1.00e-002	1.39e-003	2.37e-012	-5.88e-002	4.38e-002	-0.11
	-1.00e-002	1.39e-003	2.37e-012	-5.88e-002	4.38e-002	1.42e-008
36	-1.00e-002	1.39e-003	2.23e-012	-5.88e-002	4.38e-002	1.42e-008
	-1.00e-002	1.39e-003	2.23e-012	-5.88e-002	4.38e-002	0.11
35	5.93e-002	5.14e-006	2.82e-012	-5.88e-002	-0.12	-4.10e-004
	5.93e-002	5.14e-006	2.82e-012	-5.88e-002	-0.12	1.22e-006
34	5.93e-002	5.14e-006	3.47e-012	-5.88e-002	-0.12	1.22e-006
	5.93e-002	5.14e-006	3.47e-012	-5.88e-002	-0.12	4.13e-004
33	-0.28	-4.43e-007	4.53e-012	-5.88e-002	0.55	1.52e-004
	-0.28	-4.43e-007	4.53e-012	-5.88e-002	0.55	1.17e-004
32	-0.28	-4.43e-007	4.28e-012	-5.88e-002	0.55	1.17e-004
	-0.28	-4.43e-007	4.28e-012	-5.88e-002	0.55	8.15e-005
31	1.50	8.68e-006	4.48e-012	-5.88e-002	-2.63	1.05e-002
	1.50	8.68e-006	4.48e-012	-5.88e-002	-2.63	1.12e-002
30	1.50	8.68e-006	4.80e-012	-5.88e-002	-2.63	1.12e-002
	1.50	8.68e-006	4.80e-012	-5.88e-002	-2.63	1.19e-002
29	-5.90	2.39e-003	4.80e-012	-5.87e-002	11.91	0.78
	-5.90	2.39e-003	4.80e-012	-5.87e-002	11.91	0.97

28	-5.90	2.39e-003	4.02e-012	-5.87e-002	11.91	0.97
	-5.90	2.39e-003	4.02e-012	-5.87e-002	11.91	1.16
102	-181.08	-0.33	53.44	0.00	-8218.26	78.02
	-181.08	-0.33	15.04	0.00	0.00	0.00
101	185.43	1.04	75.73	0.00	-9246.97	-248.84
	185.43	1.04	1.33	0.00	0.00	0.00
96	2.77	0.67	125.54	0.00	-9393.96	-159.90
	2.77	0.67	-47.26	0.00	0.00	0.00
95	-9.92	0.78	126.48	0.00	-9619.40	-188.01
	-9.92	0.78	-46.32	0.00	0.00	0.00
90	332.68	0.26	23.71	0.00	-5689.46	-63.16
	332.68	0.26	23.71	0.00	0.00	0.00
89	-332.74	1.02	23.77	0.00	-5704.71	-244.82
	-332.74	1.02	23.77	0.00	0.00	0.00
88	31.57	-178.74	4.30	12.17	-377.50	952.54
	31.57	-178.74	4.30	12.17	-175.49	-7448.08
87	8.65	135.49	3.47	-15.42	-199.75	-7448.03
	8.65	135.49	3.47	-15.42	182.07	7455.60
86	-14.32	-178.33	2.48	11.73	160.60	7455.62
	-14.32	-178.33	2.48	11.73	277.03	-925.92
85	29.00	-212.00	-3.65	-14.62	355.65	1115.18
	29.00	-212.00	-3.65	-14.62	184.02	-8849.05
84	8.83	160.80	-3.61	17.26	206.77	-8848.88
	8.83	160.80	-3.61	17.26	-190.32	8838.82
83	-11.47	-212.69	-1.71	-15.37	-170.49	8839.05
	-11.47	-212.69	-1.71	-15.37	-250.78	-1157.39
82	26.71	-21.94	-12.42	-17.10	377.64	1084.60
	26.71	-21.94	-12.42	-17.10	-292.78	-99.92
81	26.44	2.85	-0.12	1.49	-276.95	-98.70
	26.44	2.85	-0.12	1.49	-289.86	220.18
80	25.35	19.46	12.21	20.65	-303.44	218.56
	25.35	19.46	12.21	20.65	355.95	1269.26
79	-25.35	17.51	-9.08	-16.83	275.82	-1053.85
	-25.35	17.51	-9.08	-16.83	-214.48	-108.13
78	-23.58	1.72	-7.82e-002	0.88	-201.85	-109.38
	-23.58	1.72	-7.82e-002	0.88	-210.61	83.46
77	-23.27	-25.98	8.71	21.24	-220.85	85.09
	-23.27	-25.98	8.71	21.24	249.72	-1317.91
65	34.02	-14.86	0.51	1.23	-15.82	-18.60
	34.02	-14.86	0.51	1.23	8.02	-717.03
64	11.74	21.12	0.13	-1.23	-7.28	-1153.02
	11.74	21.12	0.13	-1.23	7.19	1169.85
63	-5.11	-15.55	0.43	1.25	-7.64	748.40
	-5.11	-15.55	0.43	1.25	12.62	17.70
62	-5.67	-18.18	-0.34	-1.62	5.75	874.61
	-5.67	-18.18	-0.34	-1.62	-10.24	20.37
61	11.86	25.07	-0.13	1.30	6.95	-1395.18
	11.86	25.07	-0.13	1.30	-6.87	1362.29
60	34.93	-19.38	-0.42	-1.62	13.57	-19.16
	34.93	-19.38	-0.42	-1.62	-6.24	-930.03
59	-1.85	18.52	-0.85	-4.82e-002	24.26	-27.59
	-1.85	18.52	-0.85	-4.82e-002	-21.67	972.23
58	-26.35	1.72	-6.35e-003	0.12	-1.16	498.45

	-26.35	1.72	-6.35e-003	0.12	-1.87	691.57
57	-1.40	-22.92	0.80	0.17	-20.48	1206.04
	-1.40	-22.92	0.80	0.17	22.75	-31.88
56	-1.26	-18.86	-0.74	-2.03e-002	21.47	27.15
	-1.26	-18.86	-0.74	-2.03e-002	-18.48	-991.16
55	17.81	-0.78	-6.35e-003	6.91e-002	-1.07	-532.59
	17.81	-0.78	-6.35e-003	6.91e-002	-1.78	-619.65
54	-1.58	22.08	0.69	0.23	-17.19	-1159.49
	-1.58	22.08	0.69	0.23	19.83	32.63
53	-31.13	15.25	-5.29e-002	-1.53	-0.14	-1423.07
	-31.13	15.25	-5.29e-002	-1.53	-3.92	-331.60
52	27.03	17.35	6.58e-002	1.85	-3.65	486.23
	27.03	17.35	6.58e-002	1.85	1.06	1728.42
51	-27.51	16.88	4.98e-002	1.90	0.30	-1664.96
	-27.51	16.88	4.98e-002	1.90	3.86	-456.31
50	30.81	14.77	-6.89e-002	-1.56	3.72	325.88
	30.81	14.77	-6.89e-002	-1.56	-1.21	1382.91
27	7.44	-3.80	72.79	-106.93	-6968.66	385.50
	7.44	-3.80	20.99	-106.93	-404.20	-147.06
26	9.53	2.90e-002	22.54	0.00	-404.26	-2.90
	9.53	2.90e-002	-14.46	0.00	0.00	0.00
25	2.34	1.63	76.24	-67.07	-7486.15	-98.66
	2.34	1.63	24.44	-67.07	-438.64	129.90
24	0.24	-2.20	22.89	0.00	-438.58	220.05
	0.24	-2.20	-14.11	0.00	0.00	0.00
23	-3.83	-2.09	-1.55	6.52e-002	67.07	90.14
	-3.83	-2.09	-1.55	6.52e-002	-106.93	-144.16
22	214.58	0.98	75.71	0.00	-9242.49	-235.01
	214.58	0.98	1.31	0.00	0.00	0.00
21	-221.32	-1.22	53.44	0.00	-8216.74	292.32
	-221.32	-1.22	15.04	0.00	0.00	0.00
20	-395.73	-1.36	20.97	0.00	-1257.95	81.30
	-395.73	-1.36	20.97	0.00	0.00	0.00
19	395.56	0.32	20.99	0.00	-1259.35	-19.24
	395.56	0.32	20.99	0.00	0.00	0.00
18	-395.73	-1.36	20.97	-2.27e-013	-5031.82	325.21
	-395.73	-1.36	20.97	-2.27e-013	-3564.20	230.36
17	-395.73	-1.36	20.97	0.00	-3564.20	230.36
	-395.73	-1.36	20.97	0.00	-1257.95	81.30
16	395.56	0.32	20.99	0.00	-5037.40	-76.95
	395.56	0.32	20.99	0.00	-3568.16	-54.51
15	395.56	0.32	20.99	0.00	-3568.16	-54.51
	395.56	0.32	20.99	0.00	-1259.35	-19.24
14	1.16	-3.94	0.21	-0.90	-9.12	310.55
	1.16	-3.94	0.21	-0.90	7.03	1.29
13	1.51	-3.04	-0.14	1.00e+000	4.32	-0.73
	1.51	-3.04	-0.14	1.00e+000	-6.43	-239.21
12	5.73	-2.92	-0.21	1.07	9.28	235.28
	5.73	-2.92	-0.21	1.07	-7.04	6.36
11	6.08	-3.82	0.14	-0.91	-4.33	4.43
	6.08	-3.82	0.14	-0.91	6.29	-295.26

Condizione "(1) Doghe rivestimento"

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
49	-1.36e-012	-1.86e-004	-1.38e-002	-2.43e-002	0.83	1.05e-002

	-1.36e-012	-1.86e-004	-1.38e-002	-2.43e-002	-0.21	-3.40e-003
48	-1.36e-012	-1.86e-004	2.93e-003	-2.43e-002	-0.18	9.45e-003
	-1.36e-012	-1.86e-004	2.93e-003	-2.43e-002	4.47e-002	-4.49e-003
47	-2.05e-012	1.86e-004	1.38e-002	-2.43e-002	-0.83	-1.05e-002
	-2.05e-012	1.86e-004	1.38e-002	-2.43e-002	0.21	3.40e-003
46	-1.82e-012	1.86e-004	-2.93e-003	-2.43e-002	0.18	-9.45e-003
	-1.82e-012	1.86e-004	-2.93e-003	-2.43e-002	-4.47e-002	4.49e-003
45	-1.82e-012	-1.87e-004	-5.95e-004	-2.42e-002	3.76e-002	8.35e-003
	-1.82e-012	-1.87e-004	-5.95e-004	-2.42e-002	-2.60e-003	-4.27e-003
44	-9.09e-013	-4.90e-004	1.02e-013	-3.47e-018	-3.63e-012	8.58e-003
	-9.09e-013	-4.90e-004	1.02e-013	-3.47e-018	-1.78e-014	-4.55e-013
43	-1.82e-012	1.87e-004	5.95e-004	-2.42e-002	-3.76e-002	-8.35e-003
	-1.82e-012	1.87e-004	5.95e-004	-2.42e-002	2.60e-003	4.27e-003
42	-9.09e-013	4.90e-004	1.02e-013	-3.47e-018	-3.06e-012	-8.58e-003
	-9.09e-013	4.90e-004	1.02e-013	-3.47e-018	6.54e-013	4.55e-013
41	-3.64e-012	-1.48e-004	-0.28	2.81e-002	0.00	0.00
	-3.64e-012	-1.48e-004	-0.28	2.81e-002	-4.82	-2.59e-003
40	-1.14e-012	-1.86e-004	7.53e-002	-2.37e-002	-4.11	1.02e-002
	-1.14e-012	-1.86e-004	7.53e-002	-2.37e-002	0.98	-2.30e-003
39	-9.09e-012	1.48e-004	0.28	-8.28e-002	0.00	0.00
	-9.09e-012	1.48e-004	0.28	-8.28e-002	4.82	2.59e-003
38	-2.50e-012	1.86e-004	-7.53e-002	-2.50e-002	4.11	-1.02e-002
	-2.50e-012	1.86e-004	-7.53e-002	-2.50e-002	-0.98	2.30e-003
37	-5.95e-004	-3.03e-004	-1.20e-013	1.28e-002	2.60e-003	2.42e-002
	-5.95e-004	-3.03e-004	-1.20e-013	1.28e-002	2.60e-003	8.02e-010
36	-5.95e-004	-3.03e-004	-1.15e-013	1.28e-002	2.60e-003	8.02e-010
	-5.95e-004	-3.03e-004	-1.15e-013	1.28e-002	2.60e-003	-2.42e-002
35	3.52e-003	-1.16e-006	-1.71e-013	1.28e-002	-7.07e-003	9.26e-005
	3.52e-003	-1.16e-006	-1.71e-013	1.28e-002	-7.07e-003	6.87e-008
34	3.52e-003	-1.16e-006	-1.76e-013	1.28e-002	-7.07e-003	6.87e-008
	3.52e-003	-1.16e-006	-1.76e-013	1.28e-002	-7.07e-003	-9.24e-005
33	-1.67e-002	4.00e-008	-2.53e-013	1.28e-002	3.30e-002	3.41e-006
	-1.67e-002	4.00e-008	-2.53e-013	1.28e-002	3.30e-002	6.60e-006
32	-1.67e-002	4.00e-008	-2.47e-013	1.28e-002	3.30e-002	6.60e-006
	-1.67e-002	4.00e-008	-2.47e-013	1.28e-002	3.30e-002	9.80e-006
31	8.91e-002	-9.04e-008	-3.02e-013	1.28e-002	-0.16	6.41e-004
	8.91e-002	-9.04e-008	-3.02e-013	1.28e-002	-0.16	6.34e-004
30	8.91e-002	-9.04e-008	-3.04e-013	1.28e-002	-0.16	6.34e-004
	8.91e-002	-9.04e-008	-3.04e-013	1.28e-002	-0.16	6.27e-004
29	-0.35	-3.74e-005	-3.06e-013	1.28e-002	0.71	5.78e-002
	-0.35	-3.74e-005	-3.06e-013	1.28e-002	0.71	5.48e-002
28	-0.35	-3.74e-005	-3.00e-013	1.28e-002	0.71	5.48e-002
	-0.35	-3.74e-005	-3.00e-013	1.28e-002	0.71	5.18e-002
102	0.50	3.51e-002	-2.40e-003	0.00	0.58	-8.43
	0.50	3.51e-002	-2.40e-003	0.00	0.00	0.00
101	-0.72	-6.62e-003	1.75e-004	0.00	-4.20e-002	1.59
	-0.72	-6.62e-003	1.75e-004	0.00	0.00	0.00
96	-0.25	-5.54e-003	7.23e-003	0.00	-1.73	1.33
	-0.25	-5.54e-003	7.23e-003	0.00	0.00	0.00
95	0.26	-6.15e-003	-8.56e-004	0.00	0.21	1.48
	0.26	-6.15e-003	-8.56e-004	0.00	0.00	0.00
90	-1.09	1.93e-002	-1.10e-002	0.00	2.63	-4.63
	-1.09	1.93e-002	-1.10e-002	0.00	0.00	0.00

89	1.09	-1.80e-003	-9.10e-003	0.00	2.18	0.43
	1.09	-1.80e-003	-9.10e-003	0.00	0.00	0.00
88	-1.20e-002	0.60	-8.33e-004	-4.83e-002	0.10	-3.72
	-1.20e-002	0.60	-8.33e-004	-4.83e-002	5.61e-002	24.50
87	-3.22e-003	-0.44	-1.70e-003	5.63e-002	6.51e-002	24.50
	-3.22e-003	-0.44	-1.70e-003	5.63e-002	-0.12	-24.37
86	7.53e-003	0.57	2.08e-003	-2.26e-002	-0.12	-24.36
	7.53e-003	0.57	2.08e-003	-2.26e-002	-1.79e-002	2.30
85	9.02e-004	0.95	-3.68e-003	4.92e-002	3.42e-002	-4.17
	9.02e-004	0.95	-3.68e-003	4.92e-002	-0.14	40.49
84	-1.69e-003	-0.74	3.13e-003	-8.90e-002	-0.14	40.49
	-1.69e-003	-0.74	3.13e-003	-8.90e-002	0.21	-40.44
83	-4.48e-003	0.96	-7.48e-003	5.81e-002	0.21	-40.44
	-4.48e-003	0.96	-7.48e-003	5.81e-002	-0.14	4.74
82	-6.29e-003	0.18	1.32e-003	6.19e-002	-9.48e-002	-4.25
	-6.29e-003	0.18	1.32e-003	6.19e-002	-2.37e-002	5.56
81	-4.90e-004	-0.11	1.13e-003	-2.29e-002	-3.31e-002	5.56
	-4.90e-004	-0.11	1.13e-003	-2.29e-002	9.37e-002	-6.39
80	4.80e-003	3.05e-002	-9.97e-004	-8.01e-002	8.74e-002	-6.38
	4.80e-003	3.05e-002	-9.97e-004	-8.01e-002	3.36e-002	-4.74
79	-2.59e-002	2.07e-002	1.21e-004	4.02e-002	-1.87e-002	2.62
	-2.59e-002	2.07e-002	1.21e-004	4.02e-002	-1.22e-002	3.73
78	2.76e-002	-1.57e-002	9.13e-004	-7.55e-003	-1.66e-002	3.74
	2.76e-002	-1.57e-002	9.13e-004	-7.55e-003	8.57e-002	1.98
77	-3.88e-002	6.32e-002	1.26e-003	-8.47e-002	7.35e-002	1.98
	-3.88e-002	6.32e-002	1.26e-003	-8.47e-002	0.14	5.39
65	1.04e-003	2.77e-002	-3.49e-004	-3.36e-003	9.40e-003	8.48e-002
	1.04e-003	2.77e-002	-3.49e-004	-3.36e-003	-7.02e-003	1.39
64	2.39e-003	-6.90e-002	-4.88e-005	4.95e-003	2.54e-003	3.31
	2.39e-003	-6.90e-002	-4.88e-005	4.95e-003	-2.83e-003	-4.28
63	5.86e-004	6.44e-002	-1.44e-004	-2.63e-003	2.41e-003	-3.07
	5.86e-004	6.44e-002	-1.44e-004	-2.63e-003	-4.37e-003	-4.77e-002
62	5.15e-003	0.10	-4.89e-004	6.00e-003	1.08e-002	-4.64
	5.15e-003	0.10	-4.89e-004	6.00e-003	-1.22e-002	-7.72e-002
61	2.16e-003	-0.12	2.50e-005	-6.78e-003	-1.22e-003	6.91
	2.16e-003	-0.12	2.50e-005	-6.78e-003	1.52e-003	-6.66
60	-5.10e-003	0.11	-2.50e-004	6.90e-003	6.28e-003	5.72e-002
	-5.10e-003	0.11	-2.50e-004	6.90e-003	-5.48e-003	5.17
59	9.29e-004	-4.63e-002	2.97e-004	3.83e-004	-9.05e-003	0.10
	9.29e-004	-4.63e-002	2.97e-004	3.83e-004	6.98e-003	-2.40
58	3.68e-003	-3.43e-002	4.94e-005	-1.64e-003	-2.60e-003	-0.33
	3.68e-003	-3.43e-002	4.94e-005	-1.64e-003	2.93e-003	-4.16
57	-2.70e-003	0.11	-2.11e-005	9.34e-004	4.72e-004	-6.06
	-2.70e-003	0.11	-2.11e-005	9.34e-004	-6.69e-004	0.14
56	-1.55e-002	7.33e-002	2.19e-004	-1.85e-003	-6.28e-003	-7.88e-002
	-1.55e-002	7.33e-002	2.19e-004	-1.85e-003	5.55e-003	3.88
55	-1.48e-002	9.61e-003	4.91e-005	-3.82e-004	-2.30e-003	2.65
	-1.48e-002	9.61e-003	4.91e-005	-3.82e-004	3.21e-003	3.73
54	-1.32e-002	-0.11	8.72e-005	4.58e-004	-1.65e-003	5.91
	-1.32e-002	-0.11	8.72e-005	4.58e-004	3.06e-003	-0.15
53	1.60e-002	-6.11e-002	1.40e-005	4.06e-003	-4.56e-004	5.57
	1.60e-002	-6.11e-002	1.40e-005	4.06e-003	5.43e-004	1.20
52	9.70e-003	-8.05e-002	3.10e-005	-8.85e-003	-2.27e-004	-1.31

	9.70e-003	-8.05e-002	3.10e-005	-8.85e-003	1.99e-003	-7.08
51	-7.02e-003	-6.75e-002	4.31e-006	-9.38e-003	-6.49e-004	6.22
	-7.02e-003	-6.75e-002	4.31e-006	-9.38e-003	-3.40e-004	1.39
50	-1.50e-002	-4.84e-002	-1.13e-005	5.53e-003	-4.78e-005	2.44e-002
	-1.50e-002	-4.84e-002	-1.13e-005	5.53e-003	-8.56e-004	-3.44
27	2.93e-002	-0.14	2.03e-002	0.92	-3.32	12.60
	2.93e-002	-0.14	2.03e-002	0.92	-0.48	-7.62
26	1.82e-002	6.68e-002	4.80e-003	0.00	-0.48	-6.68
	1.82e-002	6.68e-002	4.80e-003	0.00	0.00	0.00
25	8.96e-002	0.16	-1.57e-002	0.82	2.22	-14.59
	8.96e-002	0.16	-1.57e-002	0.82	2.10e-002	7.53
24	0.10	-5.34e-002	-2.06e-004	0.00	2.06e-002	5.34
	0.10	-5.34e-002	-2.06e-004	0.00	0.00	0.00
23	-0.21	1.12e-002	1.55e-002	-4.52e-004	-0.82	-2.19
	-0.21	1.12e-002	1.55e-002	-4.52e-004	0.92	-0.94
22	-0.85	-4.17e-003	2.71e-003	0.00	-0.65	1.00
	-0.85	-4.17e-003	2.71e-003	0.00	0.00	0.00
21	0.94	-2.40e-002	3.18e-003	0.00	-0.76	5.76
	0.94	-2.40e-002	3.18e-003	0.00	0.00	0.00
20	1.80	4.11e-003	2.57e-003	0.00	-0.15	-0.25
	1.80	4.11e-003	2.57e-003	0.00	0.00	0.00
19	-1.81	-2.38e-002	2.88e-003	0.00	-0.17	1.43
	-1.81	-2.38e-002	2.88e-003	0.00	0.00	0.00
18	1.80	4.11e-003	2.57e-003	0.00	-0.62	-0.99
	1.80	4.11e-003	2.57e-003	0.00	-0.44	-0.70
17	1.80	4.11e-003	2.57e-003	0.00	-0.44	-0.70
	1.80	4.11e-003	2.57e-003	0.00	-0.15	-0.25
16	-1.81	-2.38e-002	2.88e-003	0.00	-0.69	5.70
	-1.81	-2.38e-002	2.88e-003	0.00	-0.49	4.04
15	-1.81	-2.38e-002	2.88e-003	0.00	-0.49	4.04
	-1.81	-2.38e-002	2.88e-003	0.00	-0.17	1.43
14	1.35e-002	2.36e-002	-2.11e-005	2.01e-003	5.63e-004	-1.62
	1.35e-002	2.36e-002	-2.11e-005	2.01e-003	-1.10e-003	0.23
13	1.34e-002	1.81e-002	8.86e-005	-5.31e-003	-2.76e-003	0.24
	1.34e-002	1.81e-002	8.86e-005	-5.31e-003	4.19e-003	1.66
12	-1.68e-002	1.57e-002	4.16e-005	-4.99e-003	-2.14e-003	-1.17
	-1.68e-002	1.57e-002	4.16e-005	-4.99e-003	1.13e-003	6.23e-002
11	-1.69e-002	2.13e-002	-6.95e-005	4.45e-003	2.79e-003	6.98e-002
	-1.69e-002	2.13e-002	-6.95e-005	4.45e-003	-2.66e-003	1.74

Condizione "(1) Pensilina"

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
49	0.00	-4.05e-006	-1.80e-003	-5.06e-004	0.11	2.64e-004
	0.00	-4.05e-006	-1.80e-003	-5.06e-004	-2.73e-002	-3.97e-005
48	-5.33e-015	-4.04e-006	3.83e-004	-5.05e-004	-2.29e-002	2.27e-004
	-5.33e-015	-4.04e-006	3.83e-004	-5.05e-004	5.85e-003	-7.69e-005
47	-2.13e-014	4.05e-006	1.80e-003	-5.04e-004	-0.11	-2.64e-004
	-2.13e-014	4.05e-006	1.80e-003	-5.04e-004	2.73e-002	3.97e-005
46	-1.42e-014	4.04e-006	-3.83e-004	-5.05e-004	2.29e-002	-2.27e-004
	-1.42e-014	4.04e-006	-3.83e-004	-5.05e-004	-5.85e-003	7.69e-005
45	-7.11e-015	-4.07e-006	-7.79e-005	-5.03e-004	4.93e-003	1.90e-004
	-7.11e-015	-4.07e-006	-7.79e-005	-5.03e-004	-3.41e-004	-8.53e-005
44	-7.11e-015	-1.04e-005	2.52e-015	-1.08e-019	-5.60e-014	1.81e-004
	-7.11e-015	-1.04e-005	2.52e-015	-1.08e-019	-1.67e-015	1.42e-014
43	-1.07e-014	4.07e-006	7.79e-005	-5.03e-004	-4.93e-003	-1.90e-004

	-1.07e-014	4.07e-006	7.79e-005	-5.03e-004	3.41e-004	8.53e-005
42	-7.11e-015	1.04e-005	-3.47e-017	-1.08e-019	-3.73e-014	-1.81e-004
	-7.11e-015	1.04e-005	-3.47e-017	-1.08e-019	-1.07e-014	-2.84e-014
41	7.11e-015	2.15e-007	-3.60e-002	-1.15e-002	0.00	0.00
	7.11e-015	2.15e-007	-3.60e-002	-1.15e-002	-0.63	3.76e-006
40	3.55e-015	-4.03e-006	9.86e-003	-6.29e-004	-0.54	2.70e-004
	3.55e-015	-4.03e-006	9.86e-003	-6.29e-004	0.13	-2.30e-006
39	-4.26e-014	-2.15e-007	3.60e-002	9.81e-003	0.00	0.00
	-4.26e-014	-2.15e-007	3.60e-002	9.81e-003	0.63	-3.76e-006
38	-2.49e-014	4.03e-006	-9.86e-003	-3.83e-004	0.54	-2.70e-004
	-2.49e-014	4.03e-006	-9.86e-003	-3.83e-004	-0.13	2.30e-006
37	-7.79e-005	-6.29e-006	-2.17e-015	2.67e-004	3.41e-004	5.03e-004
	-7.79e-005	-6.29e-006	-2.17e-015	2.67e-004	3.41e-004	-1.54e-010
36	-7.79e-005	-6.29e-006	-2.15e-015	2.67e-004	3.41e-004	-1.54e-010
	-7.79e-005	-6.29e-006	-2.15e-015	2.67e-004	3.41e-004	-5.03e-004
35	4.61e-004	-2.38e-008	-3.15e-015	2.67e-004	-9.26e-004	1.89e-006
	4.61e-004	-2.38e-008	-3.15e-015	2.67e-004	-9.26e-004	-1.32e-008
34	4.61e-004	-2.38e-008	-3.20e-015	2.67e-004	-9.26e-004	-1.32e-008
	4.61e-004	-2.38e-008	-3.20e-015	2.67e-004	-9.26e-004	-1.91e-006
33	-2.19e-003	1.24e-009	-4.59e-015	2.67e-004	4.32e-003	-1.37e-006
	-2.19e-003	1.24e-009	-4.59e-015	2.67e-004	4.32e-003	-1.27e-006
32	-2.19e-003	1.24e-009	-4.53e-015	2.67e-004	4.32e-003	-1.27e-006
	-2.19e-003	1.24e-009	-4.53e-015	2.67e-004	4.32e-003	-1.17e-006
31	1.17e-002	-1.48e-008	-5.44e-015	2.67e-004	-2.05e-002	-1.21e-004
	1.17e-002	-1.48e-008	-5.44e-015	2.67e-004	-2.05e-002	-1.22e-004
30	1.17e-002	-1.48e-008	-5.45e-015	2.67e-004	-2.05e-002	-1.22e-004
	1.17e-002	-1.48e-008	-5.45e-015	2.67e-004	-2.05e-002	-1.23e-004
29	-4.59e-002	-4.25e-006	-5.39e-015	2.67e-004	9.27e-002	-1.02e-002
	-4.59e-002	-4.25e-006	-5.39e-015	2.67e-004	9.27e-002	-1.05e-002
28	-4.59e-002	-4.25e-006	-5.42e-015	2.67e-004	9.27e-002	-1.05e-002
	-4.59e-002	-4.25e-006	-5.42e-015	2.67e-004	9.27e-002	-1.09e-002
102	0.53	-2.72e-002	-1.82e-003	0.00	0.44	6.54
	0.53	-2.72e-002	-1.82e-003	0.00	0.00	0.00
101	1.18e-002	-1.67e-003	-1.73e-003	0.00	0.42	0.40
	1.18e-002	-1.67e-003	-1.73e-003	0.00	0.00	0.00
96	1.48e-002	-5.34e-004	1.19e-003	0.00	-0.29	0.13
	1.48e-002	-5.34e-004	1.19e-003	0.00	0.00	0.00
95	1.41e-002	-8.54e-004	-6.26e-004	0.00	0.15	0.20
	1.41e-002	-8.54e-004	-6.26e-004	0.00	0.00	0.00
90	0.10	-1.60e-002	-4.01e-004	0.00	0.10	3.84
	0.10	-1.60e-002	-4.01e-004	0.00	0.00	0.00
89	-6.49e-002	-2.54e-003	-6.23e-004	0.00	0.15	0.61
	-6.49e-002	-2.54e-003	-6.23e-004	0.00	0.00	0.00
88	-8.05e-002	-3.51e-002	-8.40e-003	-2.57e-002	0.71	-0.75
	-8.05e-002	-3.51e-002	-8.40e-003	-2.57e-002	0.31	-2.40
87	-8.19e-002	4.56e-002	-1.66e-002	-5.85e-002	0.37	-2.40
	-8.19e-002	4.56e-002	-1.66e-002	-5.85e-002	-1.45	2.62
86	-8.12e-002	3.51e-002	4.65e-002	-9.50e-002	-1.46	2.61
	-8.12e-002	3.51e-002	4.65e-002	-9.50e-002	0.72	4.26
85	-8.09e-002	-2.52e-002	8.84e-003	2.73e-002	-0.69	-0.83
	-8.09e-002	-2.52e-002	8.84e-003	2.73e-002	-0.27	-2.01
84	-8.47e-002	4.10e-002	1.60e-002	5.85e-002	-0.33	-2.02
	-8.47e-002	4.10e-002	1.60e-002	5.85e-002	1.43	2.49

83	-8.40e-002	3.78e-002	-4.68e-002	9.49e-002	1.44	2.48
	-8.40e-002	3.78e-002	-4.68e-002	9.49e-002	-0.76	4.26
82	-7.49e-002	1.67e-002	2.27e-002	2.07e-002	-0.70	-0.86
	-7.49e-002	1.67e-002	2.27e-002	2.07e-002	0.52	4.42e-002
81	-7.54e-002	2.11e-006	-1.45e-005	-6.64e-004	0.49	4.11e-002
	-7.54e-002	2.11e-006	-1.45e-005	-6.64e-004	0.49	4.14e-002
80	-7.36e-002	-1.85e-002	-2.23e-002	-2.26e-002	0.52	4.47e-002
	-7.36e-002	-1.85e-002	-2.23e-002	-2.26e-002	-0.69	-0.95
79	-0.11	-0.48	-2.24e-003	9.12e-002	0.73	4.89
	-0.11	-0.48	-2.24e-003	9.12e-002	0.60	-21.16
78	2.21	1.09e-003	3.55e-005	-2.51e-004	0.70	-21.15
	2.21	1.09e-003	3.55e-005	-2.51e-004	0.71	-21.03
77	-0.11	0.48	2.88e-003	-9.14e-002	0.60	-21.04
	-0.11	0.48	2.88e-003	-9.14e-002	0.76	4.89
65	2.33e-002	2.60e-003	-1.33e-003	-3.10e-003	3.58e-002	2.14e-002
	2.33e-002	2.60e-003	-1.33e-003	-3.10e-003	-2.68e-002	0.14
64	4.06e-002	3.72e-002	-4.88e-004	-6.24e-003	2.03e-002	-0.32
	4.06e-002	3.72e-002	-4.88e-004	-6.24e-003	-3.33e-002	3.77
63	1.57e-003	-0.11	3.92e-003	-9.75e-003	-8.58e-002	5.09
	1.57e-003	-0.11	3.92e-003	-9.75e-003	0.10	-9.15e-002
62	3.25e-003	-0.11	-4.05e-003	9.79e-003	8.85e-002	5.06
	3.25e-003	-0.11	-4.05e-003	9.79e-003	-0.10	-9.11e-002
61	4.08e-002	3.64e-002	4.65e-004	6.28e-003	-1.91e-002	-0.25
	4.08e-002	3.64e-002	4.65e-004	6.28e-003	3.21e-002	3.75
60	2.11e-002	3.67e-003	1.26e-003	3.31e-003	-3.38e-002	2.19e-002
	2.11e-002	3.67e-003	1.26e-003	3.31e-003	2.54e-002	0.19
59	-5.63e-003	-1.58e-002	2.01e-003	4.65e-003	-5.90e-002	-3.28e-002
	-5.63e-003	-1.58e-002	2.01e-003	4.65e-003	4.93e-002	-0.89
58	1.82e-002	-3.69e-004	4.39e-006	-7.31e-005	4.14e-003	-1.23
	1.82e-002	-3.69e-004	4.39e-006	-7.31e-005	4.64e-003	-1.27
57	-7.67e-003	1.70e-002	-1.91e-003	-4.82e-003	4.70e-002	-0.95
	-7.67e-003	1.70e-002	-1.91e-003	-4.82e-003	-5.64e-002	-3.12e-002
56	7.90e-002	-9.43e-002	-2.86e-004	1.18e-002	7.87e-003	-3.65e-002
	7.90e-002	-9.43e-002	-2.86e-004	1.18e-002	-7.57e-003	-5.13
55	0.13	2.65e-004	7.84e-006	-2.54e-005	1.68e-002	-7.06
	0.13	2.65e-004	7.84e-006	-2.54e-005	1.76e-002	-7.03
54	8.00e-002	9.38e-002	3.99e-004	-1.18e-002	-1.03e-002	-5.10
	8.00e-002	9.38e-002	3.99e-004	-1.18e-002	1.13e-002	-3.65e-002
53	9.05e-002	6.52e-003	1.74e-004	6.76e-004	-4.38e-003	1.11
	9.05e-002	6.52e-003	1.74e-004	6.76e-004	8.06e-003	1.57
52	0.12	8.94e-003	-1.17e-004	3.71e-003	8.27e-003	-6.99
	0.12	8.94e-003	-1.17e-004	3.71e-003	-1.15e-004	-6.35
51	8.53e-002	6.18e-003	-1.67e-004	-7.87e-004	4.26e-003	1.23
	8.53e-002	6.18e-003	-1.67e-004	-7.87e-004	-7.71e-003	1.67
50	0.12	8.95e-003	1.24e-004	-3.75e-003	-8.53e-003	-6.99
	0.12	8.95e-003	1.24e-004	-3.75e-003	3.14e-004	-6.35
27	27.42	2.57	4.16e-004	8.29e-003	-0.10	-127.16
	27.42	2.57	4.16e-004	8.29e-003	-4.02e-002	232.43
26	-0.59	2.32	4.03e-004	0.00	-4.03e-002	-232.10
	-0.59	2.32	4.03e-004	0.00	0.00	0.00
25	27.40	-2.56	-7.22e-004	-6.92e-003	0.17	126.77
	27.40	-2.56	-7.22e-004	-6.92e-003	7.08e-002	-232.28
24	-0.59	-2.32	-7.09e-004	0.00	7.09e-002	231.72

	-0.59	-2.32	-7.09e-004	0.00	0.00	0.00
23	0.25	-28.00	1.22e-005	1.41e-004	6.92e-003	464.00
	0.25	28.00	1.22e-005	1.41e-004	8.29e-003	464.52
22	5.88e-004	-4.64e-004	2.48e-003	0.00	-0.59	0.11
	5.88e-004	-4.64e-004	2.48e-003	0.00	0.00	0.00
21	0.53	2.88e-002	2.46e-004	0.00	-5.91e-002	-6.92
	0.53	2.88e-002	2.46e-004	0.00	0.00	0.00
20	-4.92e-002	-5.30e-004	1.82e-003	0.00	-0.11	3.18e-002
	-4.92e-002	-5.30e-004	1.82e-003	0.00	0.00	0.00
19	0.10	1.72e-002	-2.22e-004	0.00	1.33e-002	-1.03
	0.10	1.72e-002	-2.22e-004	0.00	0.00	0.00
18	-4.92e-002	-5.30e-004	1.82e-003	1.39e-017	-0.44	0.13
	-4.92e-002	-5.30e-004	1.82e-003	1.39e-017	-0.31	9.01e-002
17	-4.92e-002	-5.30e-004	1.82e-003	0.00	-0.31	9.01e-002
	-4.92e-002	-5.30e-004	1.82e-003	0.00	-0.11	3.18e-002
16	0.10	1.72e-002	-2.22e-004	5.55e-017	5.33e-002	-4.13
	0.10	1.72e-002	-2.22e-004	5.55e-017	3.78e-002	-2.93
15	0.10	1.72e-002	-2.22e-004	2.78e-017	3.78e-002	-2.93
	0.10	1.72e-002	-2.22e-004	2.78e-017	1.33e-002	-1.03
14	6.33e-002	-4.35e-002	-7.24e-005	3.66e-003	6.04e-003	2.14
	6.33e-002	-4.35e-002	-7.24e-005	3.66e-003	3.56e-004	-1.27
13	6.26e-002	-4.35e-002	6.23e-004	8.78e-003	-1.22e-002	-1.28
	6.26e-002	-4.35e-002	6.23e-004	8.78e-003	3.67e-002	-4.69
12	5.49e-002	-4.39e-002	6.63e-005	-3.71e-003	-5.67e-003	2.21
	5.49e-002	-4.39e-002	6.63e-005	-3.71e-003	-4.68e-004	-1.24
11	5.42e-002	-4.38e-002	-6.22e-004	-8.79e-003	1.21e-002	-1.25
	5.42e-002	-4.38e-002	-6.22e-004	-8.79e-003	-3.67e-002	-4.69

Condizione "(1) Neve"

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
49	-9.95e-014	-2.90e-005	-3.63e-003	-3.41e-003	0.22	2.17e-003
	-9.95e-014	-2.90e-005	-3.63e-003	-3.41e-003	-5.49e-002	-1.93e-006
48	-9.95e-014	-2.89e-005	7.73e-004	-3.41e-003	-4.62e-002	1.80e-003
	-9.95e-014	-2.89e-005	7.73e-004	-3.41e-003	1.18e-002	-3.78e-004
47	-1.14e-013	2.90e-005	3.63e-003	-3.40e-003	-0.22	-2.17e-003
	-1.14e-013	2.90e-005	3.63e-003	-3.40e-003	5.49e-002	1.93e-006
46	-1.28e-013	2.89e-005	-7.73e-004	-3.41e-003	4.62e-002	-1.80e-003
	-1.28e-013	2.89e-005	-7.73e-004	-3.41e-003	-1.18e-002	3.78e-004
45	-1.14e-013	-2.91e-005	-1.57e-004	-3.39e-003	9.93e-003	1.42e-003
	-1.14e-013	-2.91e-005	-1.57e-004	-3.39e-003	-6.86e-004	-5.46e-004
44	0.00	-7.15e-005	4.55e-015	-8.67e-019	-7.37e-014	1.25e-003
	0.00	-7.15e-005	4.55e-015	-8.67e-019	-7.99e-014	-1.71e-013
43	-9.95e-014	2.91e-005	1.57e-004	-3.39e-003	-9.93e-003	-1.42e-003
	-9.95e-014	2.91e-005	1.57e-004	-3.39e-003	6.86e-004	5.46e-004
42	-5.68e-014	7.15e-005	-4.33e-015	-8.67e-019	-2.04e-014	-1.25e-003
	-5.68e-014	7.15e-005	-4.33e-015	-8.67e-019	-1.30e-013	0.00
41	-1.14e-013	2.98e-005	-7.26e-002	-6.33e-002	0.00	0.00
	-1.14e-013	2.98e-005	-7.26e-002	-6.33e-002	-1.27	5.22e-004
40	-1.14e-013	-2.87e-005	1.99e-002	-4.06e-003	-1.08	2.32e-003
	-1.14e-013	-2.87e-005	1.99e-002	-4.06e-003	0.26	3.75e-004
39	-1.14e-013	-2.98e-005	7.26e-002	4.71e-002	0.00	0.00
	-1.14e-013	-2.98e-005	7.26e-002	4.71e-002	1.27	-5.22e-004
38	-1.85e-013	2.87e-005	-1.99e-002	-2.79e-003	1.08	-2.32e-003
	-1.85e-013	2.87e-005	-1.99e-002	-2.79e-003	-0.26	-3.75e-004
37	-1.57e-004	-4.24e-005	-6.75e-015	1.80e-003	6.86e-004	3.39e-003

	-1.57e-004	-4.24e-005	-6.75e-015	1.80e-003	6.86e-004	-7.98e-010
36	-1.57e-004	-4.24e-005	-6.64e-015	1.80e-003	6.86e-004	-7.98e-010
	-1.57e-004	-4.24e-005	-6.64e-015	1.80e-003	6.86e-004	-3.39e-003
35	9.30e-004	-1.58e-007	-9.99e-015	1.80e-003	-1.87e-003	1.26e-005
	9.30e-004	-1.58e-007	-9.99e-015	1.80e-003	-1.87e-003	-6.83e-008
34	9.30e-004	-1.58e-007	-1.05e-014	1.80e-003	-1.87e-003	-6.83e-008
	9.30e-004	-1.58e-007	-1.05e-014	1.80e-003	-1.87e-003	-1.27e-005
33	-4.40e-003	1.19e-008	-1.57e-014	1.80e-003	8.70e-003	-7.52e-006
	-4.40e-003	1.19e-008	-1.57e-014	1.80e-003	8.70e-003	-6.57e-006
32	-4.40e-003	1.19e-008	-1.54e-014	1.80e-003	8.70e-003	-6.57e-006
	-4.40e-003	1.19e-008	-1.54e-014	1.80e-003	8.70e-003	-5.62e-006
31	2.35e-002	-2.11e-007	-2.00e-014	1.80e-003	-4.13e-002	-6.14e-004
	2.35e-002	-2.11e-007	-2.00e-014	1.80e-003	-4.13e-002	-6.31e-004
30	2.35e-002	-2.11e-007	-2.01e-014	1.80e-003	-4.13e-002	-6.31e-004
	2.35e-002	-2.11e-007	-2.01e-014	1.80e-003	-4.13e-002	-6.48e-004
29	-9.25e-002	-5.85e-005	-2.09e-014	1.80e-003	0.19	-4.99e-002
	-9.25e-002	-5.85e-005	-2.09e-014	1.80e-003	0.19	-5.46e-002
28	-9.25e-002	-5.85e-005	-2.07e-014	1.80e-003	0.19	-5.46e-002
	-9.25e-002	-5.85e-005	-2.07e-014	1.80e-003	0.19	-5.92e-002
102	-15.80	-0.14	5.50e-002	0.00	-13.21	33.80
	-15.80	-0.14	5.50e-002	0.00	0.00	0.00
101	-17.13	-4.56e-002	-6.28e-002	0.00	15.06	10.94
	-17.13	-4.56e-002	-6.28e-002	0.00	0.00	0.00
96	50.52	3.54e-002	-1.39e-002	0.00	3.34	-8.49
	50.52	3.54e-002	-1.39e-002	0.00	0.00	0.00
95	50.61	-3.85e-002	-2.96e-002	0.00	7.09	9.24
	50.61	-3.85e-002	-2.96e-002	0.00	0.00	0.00
90	59.23	-8.06e-002	4.26e-002	0.00	-10.22	19.34
	59.23	-8.06e-002	4.26e-002	0.00	0.00	0.00
89	59.41	-3.09e-002	-5.05e-002	0.00	12.12	7.42
	59.41	-3.09e-002	-5.05e-002	0.00	0.00	0.00
88	-8.29e-002	16.04	-1.26e-002	-17.02	1.09	-819.35
	-8.29e-002	25.91	-1.26e-002	-17.02	0.50	166.32
87	-3.56e-002	-11.56	-2.54e-002	-0.11	0.60	164.40
	-3.56e-002	11.54	-2.54e-002	-0.11	-2.20	162.92
86	-7.79e-002	-25.63	6.73e-002	16.76	-2.20	164.80
	-7.79e-002	-15.76	6.73e-002	16.76	0.96	-807.77
85	-0.10	16.16	1.63e-002	17.04	-1.09	-820.25
	-0.10	26.03	1.63e-002	17.04	-0.32	171.30
84	-0.10	-11.57	2.30e-002	0.10	-0.41	169.38
	-0.10	11.53	2.30e-002	0.10	2.12	167.19
83	-0.11	-25.74	-6.90e-002	-16.79	2.14	169.07
	-0.11	-15.87	-6.90e-002	-16.79	-1.10	-808.95
82	-9.29e-002	18.11	3.57e-002	17.08	-1.08	-938.13
	-9.29e-002	18.11	3.57e-002	17.08	0.84	40.00
81	-5.65e-002	-2.22e-002	4.39e-005	-1.38e-002	0.78	38.38
	-5.65e-002	-2.22e-002	4.39e-005	-1.38e-002	0.79	35.90
80	-8.99e-002	-18.09	-3.57e-002	-17.10	0.84	37.52
	-8.99e-002	-18.09	-3.57e-002	-17.10	-1.08	-939.14
79	-8.11e-002	17.06	1.41e-003	-16.82	0.96	-924.84
	-8.11e-002	17.06	1.41e-003	-16.82	1.04	-3.57
78	3.66	8.45e-003	-4.21e-004	7.96e-003	1.19	-5.17
	3.66	8.45e-003	-4.21e-004	7.96e-003	1.14	-4.22

77	-9.37e-002	-17.10	2.30e-003	16.85	0.98	-2.63
	-9.37e-002	-17.10	2.30e-003	16.85	1.10	-926.19
65	6.52e-002	-32.48	-2.20e-003	-1.62	5.89e-002	17.09
	6.52e-002	0.42	-2.20e-003	-1.62	-4.44e-002	-736.23
64	8.58e-002	-38.44	-7.95e-004	-1.15e-002	3.35e-002	-200.71
	8.58e-002	38.56	-7.95e-004	-1.15e-002	-5.39e-002	-194.23
63	2.60e-002	-0.62	6.03e-003	1.60	-0.13	-727.32
	2.60e-002	32.28	6.03e-003	1.60	0.15	16.83
62	2.24e-002	-0.63	-6.44e-003	-1.60	0.14	-726.67
	2.24e-002	32.27	-6.44e-003	-1.60	-0.16	16.84
61	7.73e-002	-38.45	7.16e-004	1.16e-002	-2.85e-002	-199.39
	7.73e-002	38.55	7.16e-004	1.16e-002	5.03e-002	-193.36
60	4.96e-002	-32.45	2.06e-003	1.63	-5.51e-002	17.09
	4.96e-002	0.45	2.06e-003	1.63	4.20e-002	-734.96
59	1.81e-002	-21.93	3.27e-003	1.91	-0.10	16.92
	1.81e-002	-21.93	3.27e-003	1.91	8.11e-002	-1167.57
58	5.09e-002	-1.05e-002	3.66e-006	-1.43e-003	7.04e-003	-623.41
	5.09e-002	-1.05e-002	3.66e-006	-1.43e-003	7.45e-003	-624.59
57	1.20e-002	21.96	-3.00e-003	-1.92	7.44e-002	-1168.94
	1.20e-002	21.96	-3.00e-003	-1.92	-8.74e-002	16.94
56	0.17	-22.07	-3.15e-004	-1.88	7.57e-003	16.87
	0.17	-22.07	-3.15e-004	-1.88	-9.41e-003	-1174.67
55	0.26	-3.99e-003	2.24e-005	8.57e-004	2.67e-002	-634.46
	0.26	-3.99e-003	2.24e-005	8.57e-004	2.92e-002	-634.90
54	0.18	22.08	7.08e-004	1.88	-1.89e-002	-1175.47
	0.18	22.08	7.08e-004	1.88	1.94e-002	16.89
53	0.17	-17.02	3.00e-004	0.43	-7.47e-003	1221.51
	0.17	-17.02	3.00e-004	0.43	1.40e-002	3.33
52	0.22	17.02	-2.40e-004	0.44	1.44e-002	-12.80
	0.22	17.02	-2.40e-004	0.44	-2.76e-003	1206.00
51	0.15	-17.01	-2.62e-004	-0.44	6.56e-003	1222.83
	0.15	-17.01	-2.62e-004	-0.44	-1.22e-002	4.81
50	0.20	17.02	2.43e-004	-0.44	-1.48e-002	-14.31
	0.20	17.02	2.43e-004	-0.44	2.62e-003	1204.24
27	97.00	4.92	1.47e-002	-0.27	-4.02	-270.05
	97.00	4.92	1.47e-002	-0.27	-1.97	418.61
26	49.38	3.76	1.97e-002	0.00	-1.97	-376.43
	49.38	3.76	1.97e-002	0.00	0.00	0.00
25	96.92	-4.91	3.28e-002	-0.29	-7.38	268.88
	96.92	-4.91	3.28e-002	-0.29	-2.78	-417.96
24	49.34	-3.75	2.79e-002	0.00	-2.79	375.13
	49.34	-3.75	2.79e-002	0.00	0.00	0.00
23	1.15	-47.58	-4.99e-003	-3.23e-004	0.29	793.10
	1.15	47.62	-4.99e-003	-3.23e-004	-0.27	795.03
22	-17.23	4.04e-002	-3.06e-002	0.00	7.35	-9.69
	-17.23	4.04e-002	-3.06e-002	0.00	0.00	0.00
21	-15.95	0.14	3.91e-002	0.00	-9.38	-34.64
	-15.95	0.14	3.91e-002	0.00	0.00	0.00
20	59.56	1.87e-002	-7.15e-003	0.00	0.43	-1.12
	59.56	1.87e-002	-7.15e-003	0.00	0.00	0.00
19	59.35	8.46e-002	1.03e-002	0.00	-0.62	-5.08
	59.35	8.46e-002	1.03e-002	0.00	0.00	0.00
18	59.56	1.87e-002	-7.15e-003	-2.78e-017	1.72	-4.50

	59.56	1.87e-002	-7.15e-003	-2.78e-017	1.22	-3.19
17	59.56	1.87e-002	-7.15e-003	0.00	1.22	-3.19
	59.56	1.87e-002	-7.15e-003	0.00	0.43	-1.12
16	59.35	8.46e-002	1.03e-002	-5.55e-017	-2.48	-20.31
	59.35	8.46e-002	1.03e-002	-5.55e-017	-1.75	-14.38
15	59.35	8.46e-002	1.03e-002	0.00	-1.75	-14.38
	59.35	8.46e-002	1.03e-002	0.00	-0.62	-5.08
14	0.13	-7.75e-002	-1.16e-004	-0.29	1.02e-002	-757.62
	0.13	-7.75e-002	-1.16e-004	-0.29	1.09e-003	-763.70
13	0.13	-7.56e-002	9.30e-004	-0.29	-1.66e-002	-763.71
	0.13	-7.56e-002	9.30e-004	-0.29	5.64e-002	-769.65
12	0.11	-9.09e-002	1.02e-004	0.29	-8.69e-003	-756.32
	0.11	-9.09e-002	1.02e-004	0.29	-6.98e-004	-763.46
11	0.11	-9.28e-002	-9.41e-004	0.29	1.70e-002	-763.47
	0.11	-9.28e-002	-9.41e-004	0.29	-5.68e-002	-770.75

Condizione "(1) ACC passerella"

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
49	3.18e-012	-112.00	-2.67e-002	2.52e-002	1.60	-32524.80
	3.18e-012	-112.00	-2.67e-002	2.52e-002	-0.40	-40938.80
48	2.73e-012	112.00	5.67e-003	-5.86e-003	-0.34	-40938.80
	2.73e-012	112.00	5.67e-003	-5.86e-003	8.66e-002	-32524.80
47	2.73e-012	-112.00	2.67e-002	-3.75e-002	-1.60	-32524.80
	2.73e-012	-112.00	2.67e-002	-3.75e-002	0.40	-40938.80
46	1.82e-012	112.00	-5.67e-003	-6.51e-003	0.34	-40938.80
	1.82e-012	112.00	-5.67e-003	-6.51e-003	-8.66e-002	-32524.80
45	2.73e-012	336.00	-1.15e-003	-6.16e-003	7.29e-002	-32524.80
	2.73e-012	336.00	-1.15e-003	-6.16e-003	-5.04e-003	-9807.00
44	1.82e-012	560.00	2.44e-015	-5.68e-014	-3.48e-013	-9807.00
	1.82e-012	560.00	2.44e-015	-5.68e-014	-4.41e-013	0.00
43	2.27e-012	336.00	1.15e-003	-6.16e-003	-7.29e-002	-32524.80
	2.27e-012	336.00	1.15e-003	-6.16e-003	5.04e-003	-9807.00
42	1.82e-012	560.00	3.95e-014	5.68e-014	-6.63e-013	-9807.00
	1.82e-012	560.00	3.95e-014	5.68e-014	-2.66e-013	0.00
41	1.82e-012	-560.00	-0.53	260.68	0.00	0.00
	1.82e-012	-560.00	-0.53	260.68	-9.34	-9807.00
40	3.18e-012	-336.00	0.15	3.00	-7.97	-9807.00
	3.18e-012	-336.00	0.15	3.00	1.90	-32524.80
39	3.64e-012	-560.00	0.53	-260.70	0.00	0.00
	3.64e-012	-560.00	0.53	-260.70	9.34	-9807.00
38	1.82e-012	-336.00	-0.15	-3.02	7.97	-9807.00
	1.82e-012	-336.00	-0.15	-3.02	-1.90	-32524.80
37	-1.15e-003	-224.00	-2.77e-014	3.27e-003	5.04e-003	6.16e-003
	-1.15e-003	-7.70e-005	-2.77e-014	3.27e-003	5.04e-003	-8960.00
36	-1.15e-003	-7.70e-005	-3.37e-014	3.27e-003	5.04e-003	-8960.00
	-1.15e-003	224.00	-3.37e-014	3.27e-003	5.04e-003	-6.16e-003
35	6.83e-003	-224.00	-4.60e-014	3.26e-003	-1.37e-002	3.46e-004
	6.83e-003	-2.88e-007	-4.60e-014	3.26e-003	-1.37e-002	-8960.00
34	6.83e-003	-2.88e-007	-4.40e-014	3.26e-003	-1.37e-002	-8960.00
	6.83e-003	224.00	-4.40e-014	3.26e-003	-1.37e-002	3.00e-004
33	-3.23e-002	-224.00	-5.96e-014	3.26e-003	6.39e-002	3.10e-002
	-3.23e-002	2.06e-008	-5.96e-014	3.26e-003	6.39e-002	-8959.97
32	-3.23e-002	2.06e-008	-6.58e-014	3.26e-003	6.39e-002	-8959.97
	-3.23e-002	224.00	-6.58e-014	3.26e-003	6.39e-002	3.10e-002
31	0.17	-224.00	-6.75e-014	3.26e-003	-0.30	2.98

	0.17	-3.55e-007	-6.75e-014	3.26e-003	-0.30	-8957.02
30	0.17	-3.55e-007	-7.24e-014	3.26e-003	-0.30	-8957.02
	0.17	224.00	-7.24e-014	3.26e-003	-0.30	2.98
29	-0.68	-224.00	-7.06e-014	3.26e-003	1.37	257.69
	-0.68	-9.85e-005	-7.06e-014	3.26e-003	1.37	-8702.32
28	-0.68	-9.85e-005	-6.99e-014	3.26e-003	1.37	-8702.32
	-0.68	224.00	-6.99e-014	3.26e-003	1.37	257.67
102	-1.58	-7.51e-002	-7.13e-003	0.00	1.71	18.02
	-1.58	-7.51e-002	-7.13e-003	0.00	0.00	0.00
101	1.67	8.51e-003	5.94e-003	0.00	-1.42	-2.04
	1.67	8.51e-003	5.94e-003	0.00	0.00	0.00
96	-0.23	8.83e-003	1.03e-002	0.00	-2.48	-2.12
	-0.23	8.83e-003	1.03e-002	0.00	0.00	0.00
95	0.13	6.82e-003	4.46e-003	0.00	-1.07	-1.64
	0.13	6.82e-003	4.46e-003	0.00	0.00	0.00
90	3.27	-3.95e-002	2.66e-002	0.00	-6.37	9.48
	3.27	-3.95e-002	2.66e-002	0.00	0.00	0.00
89	-3.21	-9.70e-005	2.56e-002	0.00	-6.14	2.33e-002
	-3.21	-9.70e-005	2.56e-002	0.00	0.00	0.00
88	2.10e-002	-1.71	7.76e-004	0.10	-0.21	8.37
	2.10e-002	-1.71	7.76e-004	0.10	-0.18	-71.80
87	-3.86e-003	1.32	4.59e-003	-0.17	-0.20	-71.80
	-3.86e-003	1.32	4.59e-003	-0.17	0.31	73.57
86	-2.99e-002	-1.73	-4.84e-003	8.52e-002	0.29	73.57
	-2.99e-002	-1.73	-4.84e-003	8.52e-002	6.48e-002	-7.63
85	-3.54e-002	-1.95	2.50e-003	-0.12	-0.11	10.28
	-3.54e-002	-1.95	2.50e-003	-0.12	3.26e-003	-81.16
84	-4.89e-002	1.54	-8.14e-004	0.19	-5.34e-003	-81.16
	-4.89e-002	1.54	-8.14e-004	0.19	-9.48e-002	88.26
83	-1.79e-002	-2.09	7.44e-003	-0.12	-0.11	88.25
	-1.79e-002	-2.09	7.44e-003	-0.12	0.24	-9.92
82	1.68e-002	-0.10	-5.54e-003	-0.15	0.21	9.52
	1.68e-002	-0.10	-5.54e-003	-0.15	-8.84e-002	4.12
81	1.05e-002	-7.47e-002	9.53e-004	-1.18e-002	-7.41e-002	4.13
	1.05e-002	-7.47e-002	9.53e-004	-1.18e-002	3.27e-002	-4.24
80	2.06e-003	0.30	-2.92e-003	0.18	4.24e-002	-4.25
	2.06e-003	0.30	-2.92e-003	0.18	-0.12	11.70
79	5.63e-002	-4.60e-003	-2.18e-003	-0.14	6.67e-002	-8.67
	5.63e-002	-4.60e-003	-2.18e-003	-0.14	-5.12e-002	-8.92
78	-1.89e-002	1.63e-002	1.30e-005	7.20e-003	-4.39e-002	-8.93
	-1.89e-002	1.63e-002	1.30e-005	7.20e-003	-4.24e-002	-7.11
77	8.32e-002	-7.76e-002	-3.97e-003	0.18	-2.23e-002	-7.10
	8.32e-002	-7.76e-002	-3.97e-003	0.18	-0.24	-11.29
65	-1.10e-002	-0.15	5.44e-004	1.21e-002	-1.43e-002	-0.14
	-1.10e-002	-0.15	5.44e-004	1.21e-002	1.12e-002	-7.30
64	-8.58e-003	0.22	1.41e-004	-1.31e-002	-7.56e-003	-11.23
	-8.58e-003	0.22	1.41e-004	-1.31e-002	7.98e-003	13.11
63	-3.73e-003	-0.20	2.27e-004	9.32e-003	-3.36e-003	9.41
	-3.73e-003	-0.20	2.27e-004	9.32e-003	7.30e-003	0.14
62	-2.58e-002	-0.23	8.04e-004	-1.27e-002	-1.77e-002	11.03
	-2.58e-002	-0.23	8.04e-004	-1.27e-002	2.01e-002	0.17
61	-1.93e-002	0.25	5.58e-005	1.53e-002	-3.00e-003	-11.67
	-1.93e-002	0.25	5.58e-005	1.53e-002	3.13e-003	15.32

60	-6.44e-003	-0.14	3.55e-004	-1.17e-002	-9.68e-003	-0.19
	-6.44e-003	-0.14	3.55e-004	-1.17e-002	6.99e-003	-6.89
59	3.91e-003	0.18	-6.89e-004	1.04e-003	2.11e-002	-0.27
	3.91e-003	0.18	-6.89e-004	1.04e-003	-1.62e-002	9.42
58	3.89e-003	-8.40e-003	-4.58e-005	-1.54e-003	2.31e-003	5.16
	3.89e-003	-8.40e-003	-4.58e-005	-1.54e-003	-2.82e-003	4.21
57	1.53e-002	-0.18	-3.10e-004	-1.42e-003	8.13e-003	9.36
	1.53e-002	-0.18	-3.10e-004	-1.42e-003	-8.60e-003	-0.31
56	3.01e-002	-0.22	-5.61e-004	3.13e-003	1.61e-002	0.25
	3.01e-002	-0.22	-5.61e-004	3.13e-003	-1.41e-002	-11.81
55	2.72e-002	-1.02e-002	-5.26e-005	3.05e-004	2.55e-003	-7.93
	2.72e-002	-1.02e-002	-5.26e-005	3.05e-004	-3.34e-003	-9.07
54	2.33e-002	0.26	-4.36e-004	-1.38e-003	9.74e-003	-13.68
	2.33e-002	0.26	-4.36e-004	-1.38e-003	-1.38e-002	0.31
53	-3.26e-002	0.14	-4.56e-005	-1.51e-002	1.37e-003	-12.50
	-3.26e-002	0.14	-4.56e-005	-1.51e-002	-1.89e-003	-2.82
52	-2.67e-002	0.17	-9.98e-005	2.00e-002	2.75e-003	2.50
	-2.67e-002	0.17	-9.98e-005	2.00e-002	-4.40e-003	14.82
51	1.94e-002	0.17	8.99e-006	1.54e-002	-7.53e-004	-15.37
	1.94e-002	0.17	8.99e-006	1.54e-002	-1.09e-004	-3.04
50	3.13e-002	0.15	2.10e-005	-1.69e-002	4.42e-004	1.02
	3.13e-002	0.15	2.10e-005	-1.69e-002	1.95e-003	11.40
27	-0.17	0.24	-2.96e-002	-0.33	6.32	-22.29
	-0.17	0.24	-2.96e-002	-0.33	2.18	11.01
26	-0.14	-0.10	-2.18e-002	0.00	2.18	10.29
	-0.14	-0.10	-2.18e-002	0.00	0.00	0.00
25	-0.19	-0.27	1.88e-003	-0.54	0.33	25.80
	-0.19	-0.27	1.88e-003	-0.54	0.59	-11.41
24	-0.22	7.49e-002	-5.93e-003	0.00	0.59	-7.49
	-0.22	7.49e-002	-5.93e-003	0.00	0.00	0.00
23	0.34	-2.85e-002	-7.81e-003	-1.24e-003	0.54	3.92
	0.34	-2.85e-002	-7.81e-003	-1.24e-003	-0.33	0.72
22	2.07	1.92e-002	1.97e-002	0.00	-4.73	-4.61
	2.07	1.92e-002	1.97e-002	0.00	0.00	0.00
21	-1.99	5.57e-002	-3.95e-002	0.00	9.47	-13.36
	-1.99	5.57e-002	-3.95e-002	0.00	0.00	0.00
20	-3.66	1.20e-002	1.32e-002	0.00	-0.79	-0.72
	-3.66	1.20e-002	1.32e-002	0.00	0.00	0.00
19	3.89	3.16e-002	-3.14e-002	0.00	1.88	-1.90
	3.89	3.16e-002	-3.14e-002	0.00	0.00	0.00
18	-3.66	1.20e-002	1.32e-002	0.00	-3.16	-2.87
	-3.66	1.20e-002	1.32e-002	0.00	-2.24	-2.03
17	-3.66	1.20e-002	1.32e-002	0.00	-2.24	-2.03
	-3.66	1.20e-002	1.32e-002	0.00	-0.79	-0.72
16	3.89	3.16e-002	-3.14e-002	4.44e-016	7.54	-7.58
	3.89	3.16e-002	-3.14e-002	4.44e-016	5.34	-5.37
15	3.89	3.16e-002	-3.14e-002	0.00	5.34	-5.37
	3.89	3.16e-002	-3.14e-002	0.00	1.88	-1.90
14	-3.49e-002	-5.05e-002	2.70e-005	-6.96e-003	-1.58e-003	2.97
	-3.49e-002	-5.05e-002	2.70e-005	-6.96e-003	5.42e-004	-0.99
13	-3.48e-002	-3.52e-002	-1.33e-004	1.44e-002	5.48e-003	-1.01
	-3.48e-002	-3.52e-002	-1.33e-004	1.44e-002	-4.99e-003	-3.77
12	3.69e-002	-4.51e-002	2.33e-005	6.39e-003	-1.07e-003	3.97

	3.69e-002	-4.51e-002	2.33e-005	6.39e-003	7.58e-004	0.43
11	3.71e-002	-6.03e-002	1.27e-004	-1.29e-002	-4.18e-003	0.40
	3.71e-002	-6.03e-002	1.27e-004	-1.29e-002	5.80e-003	-4.33

Condizione "(1) Ascensore"

Elemento	Nx (kg)	Ty (kg)	Tz (kg)	Mx (kgxcm)	My (kgxcm)	Mz (kgxcm)
49	-1.81e-013	4.19e-005	2.02e-010	5.56e-003	-1.21e-008	-2.30e-003
	-1.81e-013	4.19e-005	2.02e-010	5.56e-003	3.05e-009	8.52e-004
48	-9.73e-014	4.19e-005	-4.31e-011	5.56e-003	2.58e-009	-2.08e-003
	-9.73e-014	4.19e-005	-4.31e-011	5.56e-003	-6.61e-010	1.07e-003
47	1.81e-013	-4.19e-005	-2.02e-010	5.56e-003	1.21e-008	2.30e-003
	1.81e-013	-4.19e-005	-2.02e-010	5.56e-003	-3.06e-009	-8.52e-004
46	9.73e-014	-4.19e-005	4.29e-011	5.56e-003	-2.57e-009	2.08e-003
	9.73e-014	-4.19e-005	4.29e-011	5.56e-003	6.52e-010	-1.07e-003
45	-3.93e-014	4.22e-005	8.70e-012	5.54e-003	-5.52e-010	-1.87e-003
	-3.93e-014	4.22e-005	8.70e-012	5.54e-003	3.61e-011	9.84e-004
44	-2.71e-020	1.11e-004	-1.94e-014	8.67e-019	9.61e-013	-1.95e-003
	-2.71e-020	1.11e-004	-1.94e-014	8.67e-019	3.52e-013	0.00
43	3.93e-014	-4.22e-005	-8.78e-012	5.54e-003	5.53e-010	1.87e-003
	3.93e-014	-4.22e-005	-8.78e-012	5.54e-003	-4.04e-011	-9.84e-004
42	0.00	-1.11e-004	3.93e-014	8.67e-019	4.34e-013	1.95e-003
	0.00	-1.11e-004	3.93e-014	8.67e-019	4.96e-013	3.47e-018
41	-3.82e-013	4.19e-005	4.04e-009	5.55e-003	0.00	0.00
	-3.82e-013	4.19e-005	4.04e-009	5.55e-003	7.08e-008	7.35e-004
40	-2.82e-013	4.19e-005	-1.11e-009	5.56e-003	6.04e-008	-2.20e-003
	-2.82e-013	4.19e-005	-1.11e-009	5.56e-003	-1.44e-008	6.36e-004
39	3.53e-013	-4.19e-005	-4.04e-009	5.55e-003	0.00	0.00
	3.53e-013	-4.19e-005	-4.04e-009	5.55e-003	-7.08e-008	-7.35e-004
38	2.82e-013	-4.19e-005	1.11e-009	5.56e-003	-6.04e-008	2.20e-003
	2.82e-013	-4.19e-005	1.11e-009	5.56e-003	1.44e-008	-6.36e-004
37	8.75e-012	6.92e-005	3.93e-014	-2.93e-003	-4.13e-011	-5.54e-003
	8.75e-012	6.92e-005	3.93e-014	-2.93e-003	-3.82e-011	1.11e-016
36	8.70e-012	6.92e-005	3.93e-014	-2.93e-003	-3.82e-011	3.33e-016
	8.70e-012	6.92e-005	3.93e-014	-2.93e-003	-3.51e-011	5.54e-003
35	-5.18e-011	2.65e-007	5.80e-014	-2.93e-003	9.93e-011	-2.12e-005
	-5.18e-011	2.65e-007	5.80e-014	-2.93e-003	1.04e-010	8.88e-015
34	-5.18e-011	2.65e-007	5.80e-014	-2.93e-003	1.04e-010	8.88e-015
	-5.18e-011	2.65e-007	5.80e-014	-2.93e-003	1.09e-010	2.12e-005
33	2.45e-010	-8.12e-009	8.37e-014	-2.93e-003	-4.91e-010	6.50e-007
	2.45e-010	-8.12e-009	8.37e-014	-2.93e-003	-4.84e-010	9.50e-013
32	2.45e-010	-8.12e-009	8.37e-014	-2.93e-003	-4.84e-010	9.53e-013
	2.45e-010	-8.12e-009	8.37e-014	-2.93e-003	-4.78e-010	-6.50e-007
31	-1.31e-009	-1.13e-008	1.01e-013	-2.93e-003	2.29e-009	9.02e-007
	-1.31e-009	-1.13e-008	1.01e-013	-2.93e-003	2.30e-009	9.13e-011
30	-1.31e-009	-1.13e-008	1.01e-013	-2.93e-003	2.30e-009	9.13e-011
	-1.31e-009	-1.13e-008	1.01e-013	-2.93e-003	2.31e-009	-9.02e-007
29	5.15e-009	-2.09e-008	1.00e-013	-2.93e-003	-1.04e-008	1.68e-006
	5.15e-009	-2.09e-008	1.00e-013	-2.93e-003	-1.04e-008	7.90e-009
28	5.15e-009	-2.09e-008	1.00e-013	-2.93e-003	-1.04e-008	7.90e-009
	5.15e-009	-2.09e-008	1.00e-013	-2.93e-003	-1.04e-008	-1.66e-006
102	-3.22e-007	7.06e-008	-7.80e-008	0.00	1.87e-005	-1.70e-005
	-3.22e-007	7.06e-008	-7.80e-008	0.00	0.00	0.00
101	-5.41e-007	-7.53e-008	-7.02e-008	0.00	1.68e-005	1.81e-005
	-5.41e-007	-7.53e-008	-7.02e-008	0.00	0.00	0.00
96	-6.90e-007	-6.03e-008	2.28e-008	0.00	-5.47e-006	1.45e-005

	-6.90e-007	-6.03e-008	2.28e-008	0.00	0.00	0.00
95	6.90e-007	-6.15e-008	-4.04e-008	0.00	9.69e-006	1.48e-005
	6.90e-007	-6.15e-008	-4.04e-008	0.00	0.00	0.00
90	-3.40e-007	3.41e-008	-5.67e-008	0.00	1.36e-005	-8.18e-006
	-3.40e-007	3.41e-008	-5.67e-008	0.00	0.00	0.00
89	3.89e-007	-3.68e-008	-5.50e-008	0.00	1.32e-005	8.82e-006
	3.89e-007	-3.68e-008	-5.50e-008	0.00	0.00	0.00
88	-5.68e-008	2.45e-007	-6.67e-009	-2.22e-008	8.44e-007	-2.33e-006
	-5.68e-008	2.45e-007	-6.67e-009	-2.22e-008	5.31e-007	9.17e-006
87	-4.64e-009	-1.62e-007	-1.10e-008	5.84e-008	6.16e-007	9.17e-006
	-4.64e-009	-1.62e-007	-1.10e-008	5.84e-008	-5.96e-007	-8.64e-006
86	4.92e-008	1.17e-007	-7.10e-009	7.40e-008	-5.10e-007	-8.63e-006
	4.92e-008	1.17e-007	-7.10e-009	7.40e-008	-8.44e-007	-3.15e-006
85	6.61e-008	-2.01e-007	1.31e-009	-2.06e-008	8.43e-007	2.14e-006
	6.61e-008	-2.01e-007	1.31e-009	-2.06e-008	9.05e-007	-7.32e-006
84	1.88e-008	1.13e-007	-1.79e-008	5.42e-008	1.00e-006	-7.32e-006
	1.88e-008	1.13e-007	-1.79e-008	5.42e-008	-9.69e-007	5.12e-006
83	-4.54e-008	-2.87e-008	7.82e-010	8.40e-008	-8.72e-007	5.11e-006
	-4.54e-008	-2.87e-008	7.82e-010	8.40e-008	-8.35e-007	3.76e-006
82	-5.86e-008	3.58e-007	1.61e-008	1.70e-008	-8.39e-007	-2.69e-006
	-5.86e-008	3.58e-007	1.61e-008	1.70e-008	2.85e-008	1.66e-005
81	-7.80e-011	-2.98e-007	-1.61e-010	-6.80e-008	-5.21e-008	1.66e-005
	-7.80e-011	-2.98e-007	-1.61e-010	-6.80e-008	-7.01e-008	-1.67e-005
80	5.72e-008	3.56e-007	1.84e-008	1.37e-008	-1.53e-007	-1.67e-005
	5.72e-008	3.56e-007	1.84e-008	1.37e-008	8.40e-007	2.47e-006
79	6.60e-008	4.47e-007	1.42e-008	-5.70e-008	-8.38e-007	-3.63e-006
	6.60e-008	4.47e-007	1.42e-008	-5.70e-008	-7.09e-008	2.05e-005
78	-2.15e-009	-3.71e-007	1.84e-009	1.12e-008	-1.56e-007	2.05e-005
	-2.15e-009	-3.71e-007	1.84e-009	1.12e-008	5.02e-008	-2.10e-005
77	-6.04e-008	4.70e-007	1.60e-008	-6.89e-008	-3.63e-008	-2.10e-005
	-6.04e-008	4.70e-007	1.60e-008	-6.89e-008	8.30e-007	4.33e-006
65	5.66e-008	-3.46e-008	-3.04e-009	4.25e-009	8.06e-008	8.50e-008
	5.66e-008	-3.46e-008	-3.04e-009	4.25e-009	-6.21e-008	-1.54e-006
64	-3.68e-009	-3.12e-008	-5.84e-010	7.26e-009	3.22e-008	8.06e-008
	-3.68e-009	-3.12e-008	-5.84e-010	7.26e-009	-3.21e-008	-3.35e-006
63	-6.05e-008	9.64e-008	-3.21e-009	4.15e-009	6.56e-008	-4.46e-006
	-6.05e-008	9.64e-008	-3.21e-009	4.15e-009	-8.50e-008	6.82e-008
62	5.78e-008	-8.91e-008	-3.22e-009	5.19e-009	6.48e-008	4.11e-006
	5.78e-008	-8.91e-008	-3.22e-009	5.19e-009	-8.65e-008	-8.00e-008
61	9.50e-009	2.43e-008	-6.85e-010	6.97e-009	3.77e-008	7.63e-008
	9.50e-009	2.43e-008	-6.85e-010	6.97e-009	-3.77e-008	2.75e-006
60	-4.13e-008	3.64e-008	-3.05e-009	4.45e-009	8.25e-008	-8.17e-008
	-4.13e-008	3.64e-008	-3.05e-009	4.45e-009	-6.09e-008	1.63e-006
59	3.24e-008	1.71e-008	2.83e-009	-2.15e-009	-8.50e-008	8.06e-008
	3.24e-008	1.71e-008	2.83e-009	-2.15e-009	6.79e-008	1.00e-006
58	-1.48e-008	-4.72e-008	3.66e-010	-8.48e-009	-2.08e-008	2.58e-006
	-1.48e-008	-4.72e-008	3.66e-010	-8.48e-009	2.01e-008	-2.72e-006
57	-5.21e-008	2.11e-008	3.23e-009	-1.92e-009	-7.83e-008	-1.21e-006
	-5.21e-008	2.11e-008	3.23e-009	-1.92e-009	9.61e-008	-7.48e-008
56	-3.02e-008	6.13e-008	2.84e-009	-9.80e-009	-8.55e-008	1.56e-008
	-3.02e-008	6.13e-008	2.84e-009	-9.80e-009	6.79e-008	3.32e-006
55	1.31e-008	-8.46e-008	3.93e-010	-2.13e-009	-2.24e-008	4.80e-006
	1.31e-008	-8.46e-008	3.93e-010	-2.13e-009	2.16e-008	-4.67e-006

54	4.70e-008	5.31e-008	3.23e-009	-1.05e-008	-7.79e-008	-2.90e-006
	4.70e-008	5.31e-008	3.23e-009	-1.05e-008	9.67e-008	-2.99e-008
53	1.69e-007	-6.18e-008	1.80e-010	-1.32e-009	-5.44e-009	3.53e-006
	1.69e-007	-6.18e-008	1.80e-010	-1.32e-009	7.45e-009	-8.91e-007
52	1.87e-007	-1.41e-008	1.98e-010	3.23e-009	-9.25e-009	-4.62e-006
	1.87e-007	-1.41e-008	1.98e-010	3.23e-009	4.91e-009	-5.63e-006
51	-1.80e-007	5.73e-008	1.73e-010	-1.64e-009	-3.39e-009	-3.24e-006
	-1.80e-007	5.73e-008	1.73e-010	-1.64e-009	9.02e-009	8.59e-007
50	-1.72e-007	8.17e-009	1.92e-010	3.98e-009	-7.57e-009	4.13e-006
	-1.72e-007	8.17e-009	1.92e-010	3.98e-009	6.16e-009	4.72e-006
27	-8.63e-007	7.99e-008	6.99e-008	1.26e-006	-1.41e-005	-1.35e-005
	-8.63e-007	7.99e-008	6.99e-008	1.26e-006	-4.34e-006	-2.33e-006
26	-9.29e-007	6.14e-008	4.36e-008	0.00	-4.36e-006	-6.14e-006
	-9.29e-007	6.14e-008	4.36e-008	0.00	0.00	0.00
25	8.48e-007	5.30e-008	-7.45e-008	1.68e-006	1.52e-005	-1.10e-005
	8.48e-007	5.30e-008	-7.45e-008	1.68e-006	4.81e-006	-3.58e-006
24	9.14e-007	7.14e-008	-4.82e-008	0.00	4.82e-006	-7.14e-006
	9.14e-007	7.14e-008	-4.82e-008	0.00	0.00	0.00
23	1.84e-008	6.58e-008	2.63e-008	1.22e-008	-1.68e-006	-3.56e-006
	1.84e-008	6.58e-008	2.63e-008	1.22e-008	1.26e-006	3.82e-006
22	5.00e-007	-7.75e-008	7.08e-008	0.00	-1.70e-005	1.86e-005
	5.00e-007	-7.75e-008	7.08e-008	0.00	0.00	0.00
21	4.27e-007	7.95e-008	9.33e-008	0.00	-2.24e-005	-1.91e-005
	4.27e-007	7.95e-008	9.33e-008	0.00	0.00	0.00
20	-2.93e-007	-7.13e-008	5.06e-008	0.00	-3.03e-006	4.28e-006
	-2.93e-007	-7.13e-008	5.06e-008	0.00	0.00	0.00
19	1.95e-007	6.57e-008	6.74e-008	0.00	-4.05e-006	-3.94e-006
	1.95e-007	6.57e-008	6.74e-008	0.00	0.00	0.00
18	-2.93e-007	-7.13e-008	5.06e-008	0.00	-1.21e-005	1.71e-005
	-2.93e-007	-7.13e-008	5.06e-008	0.00	-8.60e-006	1.21e-005
17	-2.93e-007	-7.13e-008	5.06e-008	-4.24e-022	-8.60e-006	1.21e-005
	-2.93e-007	-7.13e-008	5.06e-008	-4.24e-022	-3.03e-006	4.28e-006
16	1.95e-007	6.57e-008	6.74e-008	4.24e-022	-1.62e-005	-1.58e-005
	1.95e-007	6.57e-008	6.74e-008	4.24e-022	-1.15e-005	-1.12e-005
15	1.95e-007	6.57e-008	6.74e-008	0.00	-1.15e-005	-1.12e-005
	1.95e-007	6.57e-008	6.74e-008	0.00	-4.05e-006	-3.94e-006
14	2.48e-007	-8.27e-010	2.56e-012	-1.98e-009	1.81e-009	-3.14e-006
	2.48e-007	-8.27e-010	2.56e-012	-1.98e-009	2.01e-009	-3.21e-006
13	2.48e-007	1.02e-008	-9.91e-011	3.33e-009	1.47e-009	-3.20e-006
	2.48e-007	1.02e-008	-9.91e-011	3.33e-009	-6.31e-009	-2.40e-006
12	-2.46e-007	1.03e-009	-1.66e-010	-2.02e-009	8.93e-009	3.01e-006
	-2.46e-007	1.03e-009	-1.66e-010	-2.02e-009	-4.12e-009	3.09e-006
11	-2.46e-007	-1.00e-008	4.40e-011	3.84e-009	-3.58e-009	3.09e-006
	-2.46e-007	-1.00e-008	4.40e-011	3.84e-009	-1.24e-010	2.30e-006

Criteri di resistenza degli elementi

Elemento	classe	Resistenza				Instabilità					
		assiale-fless.	Cmb	a taglio Y	Cmb a taglio Z	Cmb presso-fless.	Cmb flessio-tors.	Cmb a taglio	Cmb		
49	1	2.70	3	>10	3	>10	16	2.69	2	2.68	2 >10 22 NC NC
48	1	3.15	2	>10	2	>10	17	3.14	2	3.12	2 >10 22 NC NC
47	1	2.67	4	>10	4	>10	17	2.66	1	2.64	1 >10 22 NC NC
46	1	3.12	1	>10	1	>10	16	3.11	1	3.09	1 >10 22 NC NC
45	1	5.89	3	>10	3	>10	17	5.88	2	5.87	2 >10 22 NC NC
44	3	>10	17	>10	1	>10	17	>10	17	>10	17 >10 22 NC NC
43	1	5.73	4	>10	4	>10	16	5.72	1	5.71	1 >10 22 NC NC

42	3	>10	17	>10	21	>10	16	>10	17	>10	17	>10	22	NC	NC
41	24104	5.33	3	>10	3	>10	17	5.33	3	5.36	2	>10	22	NC	NC
40	3	3.14	2	>10	2	>10	16	3.12	2	3.11	2	>10	22	NC	NC
39	24104	5.19	4	>10	4	>10	16	5.19	4	5.21	1	>10	22	NC	NC
38	3	3.09	1	>10	1	>10	17	3.07	1	3.06	1	>10	22	NC	NC
37	3	4.53	4	>10	1	>10	16	4.53	1	4.53	1	>10	22	NC	NC
36	3	4.67	3	>10	3	>10	17	4.66	2	4.66	2	>10	22	NC	NC
35	3	2.68	1	>10	1	>10	16	2.68	1	2.68	1	>10	22	NC	NC
34	3	2.74	2	>10	3	>10	17	2.74	2	2.74	2	>10	22	NC	NC
33	3	1.85	4	>10	1	>10	17	1.85	1	1.85	1	>10	22	NC	NC
32	3	1.88	3	>10	3	>10	16	1.88	2	1.88	2	>10	22	NC	NC
31	3	1.62	1	>10	1	>10	16	1.62	1	1.62	1	>10	22	NC	NC
30	3	1.64	2	>10	3	>10	17	1.64	2	1.64	2	>10	22	NC	NC
29	3	1.75	4	>10	1	>10	16	1.75	4	1.75	1	>10	22	NC	NC
28	3	1.78	3	>10	3	>10	17	1.78	3	1.78	2	>10	22	NC	NC
102	1	4.16	2	>10	6	>10	3	4.15	2	4.15	2	>10	22	NC	NC
101	1	3.23	2	>10	7	>10	1	3.23	2	3.23	2	>10	22	NC	NC
96	3	2.80	4	>10	8	>10	4	2.77	4	2.78	4	>10	22	NC	NC
95	3	3.20	3	>10	7	>10	1	3.17	3	3.17	3	>10	22	NC	NC
90	24104	3.78	3	>10	6	>10	14	3.76	3	3.76	3	>10	22	NC	NC
89	24104	3.28	2	>10	7	>10	1	3.27	2	3.27	2	>10	22	NC	NC
88	1	3.96	5	>10	5	>10	1	3.96	5	3.98	8	>10	22	NC	NC
87	3	3.94	8	>10	5	>10	2	3.94	8	3.94	8	>10	22	NC	NC
86	3	3.95	8	>10	8	>10	3	3.95	8	3.95	8	>10	22	NC	NC
85	3	3.08	7	>10	7	>10	2	3.08	7	3.08	7	>10	22	NC	NC
84	3	3.10	7	>10	7	>10	3	3.10	7	3.12	7	>10	22	NC	NC
83	3	3.10	6	>10	6	>10	4	3.10	6	3.10	6	>10	22	NC	NC
82	1	8.18	1	>10	1	>10	7	8.18	1	8.18	1	>10	22	NC	NC
81	3	8.07	4	>10	1	>10	3	8.07	4	8.15	1	>10	22	NC	NC
80	3	8.07	4	>10	2	>10	4	8.07	4	8.15	1	>10	22	NC	NC
79	3	>10	6	>10	6	>10	6	>10	6	>10	6	>10	22	NC	NC
78	3	>10	1	>10	1	>10	1	>10	1	>10	1	>10	22	NC	NC
77	3	>10	6	>10	8	>10	3	>10	6	>10	6	>10	22	NC	NC
65	3	>10	3	>10	1	>10	3	>10	3	>10	3	>10	22	NC	NC
64	1	>10	6	>10	7	>10	6	>10	6	8.83	6	>10	22	NC	NC
63	3	>10	7	>10	3	>10	5	>10	7	>10	5	>10	22	NC	NC
62	3	>10	7	>10	2	>10	7	>10	7	>10	7	>10	22	NC	NC
61	1	8.44	5	>10	3	>10	5	8.44	5	7.42	7	>10	22	NC	NC
60	3	>10	8	>10	4	>10	8	>10	8	9.78	8	>10	22	NC	NC
59	3	>10	7	>10	7	>10	7	>10	7	>10	7	>10	22	NC	NC
58	1	>10	5	>10	4	>10	1	>10	5	>10	5	>10	22	NC	NC
57	3	8.45	5	>10	4	>10	5	8.44	5	8.32	5	>10	22	NC	NC
56	3	>10	8	>10	3	>10	8	>10	8	>10	8	>10	22	NC	NC
55	1	>10	6	>10	3	>10	6	>10	6	>10	6	>10	22	NC	NC
54	1	9.70	6	>10	3	>10	6	9.69	6	9.56	6	>10	22	NC	NC
53	1	8.43	8	>10	2	>10	5	8.35	5	8.04	5	>10	22	NC	NC
52	24104	6.76	8	>10	3	>10	8	6.76	8	6.54	8	>10	22	NC	NC
51	24104	6.78	7	>10	4	>10	7	6.78	7	6.66	7	>10	22	NC	NC
50	1	8.30	6	>10	6	>10	6	8.18	6	7.89	6	>10	22	NC	NC
27	3	3.84	4	>10	5	>10	2	3.83	4	3.83	4	>10	22	NC	NC
26	1	6.76	4	>10	5	>10	2	6.75	4	6.76	4	>10	22	NC	NC
25	3	3.53	3	>10	6	>10	3	3.52	3	3.52	3	>10	22	NC	NC
24	3	6.02	3	>10	6	>10	3	6.02	3	6.02	3	>10	22	NC	NC
23	1	1.98	2	>10	1	8.85	3	1.98	2	1.74	2	>10	22	NC	NC
22	1	2.71	1	>10	8	>10	4	2.71	1	2.71	1	>10	22	NC	NC
21	1	4.00	1	>10	5	>10	2	3.98	1	3.98	1	>10	22	NC	NC
20	1	8.22	2	>10	7	>10	3	8.22	2	8.22	2	>10	22	NC	NC
19	1	9.15	8	>10	6	>10	4	9.14	8	9.14	8	>10	22	NC	NC
18	3	1.90	1	>10	8	>10	4	1.89	1	1.89	1	>10	22	NC	NC
17	3	4.48	5	>10	8	>10	4	4.46	5	4.46	5	>10	22	NC	NC
16	3	2.25	4	>10	5	>10	3	2.25	4	2.25	4	>10	22	NC	NC
15	3	5.26	4	>10	5	>10	1	5.25	4	5.25	4	>10	22	NC	NC
14	1	>10	7	>10	2	>10	6	>10	7	>10	7	>10	22	NC	NC
13	1	>10	6	>10	2	>10	5	>10	6	>10	7	>10	22	NC	NC
12	1	>10	7	>10	1	>10	8	>10	7	>10	6	>10	22	NC	NC
11	1	>10	6	>10	1	>10	7	>10	6	>10	6	>10	22	NC	NC

Minimo fattore di sicurezza: 1.618732 >= 1.00

In questa tabella vengono riportati i valori dei coefficienti di sicurezza per tutte le verifiche condotte sulla membratura **Elemento** con profilo di classe **Classe**

Le verifiche effettuate sono di resistenza: **presso-fless.** verifica di resistenza per azione assiale e flessionale biassiale; **a taglio** verifica di resistenza a taglio per i piani locali yy e zz; e di instabilità: **inst. fless.** verifica di instabilità a presso flessione biassiale; **inst. tors.** verifica di instabilità laterale e torsionale; **inst. taglio** verifica di instabilità a taglio.

Per ogni verifica vengono riportati il fattore di sicurezza più sfavorevole e l'indice della combinazione delle azioni cui si riferisce. I fattori di sicurezza superiori a 10.0 vengono scritti nella forma >10 per evitare numeri inutilmente lunghi mentre i fattori inferiori a quelli limite vengono scritti in colore rosso.

La colonna **Assiale** è la verifica a sola compressione che per azioni sismiche ha particolari restrizioni per le travi (minimo fattore sicurezza 6.66).

La colonna **Omega** riporta il valore definito dalla normativa (paragrafo 7.5.4.2) come il minimo valore tra gli $\omega_i = M_{pl,Rd,i} / M_{Ed,i}$ di tutte le travi in cui si attende la formazione di cerniere plastiche, essendo $M_{Ed,i}$ il momento flettente di progetto della i-esima trave in condizioni sismiche e $M_{pl,Rd,i}$ il corrispondente momento plastico. Viene esposto il valore di omega già moltiplicato per $1,1 \cdot R_{d,i}$.

l'intensità delle azioni, in caso di verifica per azioni simiche, è incrementata nei pilastri di $1,1 \cdot R_{d,i}$.

In caso di verifiche non supportate o non pertinenti per un dato tipo di profilo (ad esempio profili accoppiati) viene riportata la dicitura **NC** (Non Calcolato). Ciò non indica che la verifica non sia superata.

Per i parametri impiegati nelle verifiche si vedano le successive tabelle.

Parametri di verifica resistenza e instabilità flesso-torsionale

Elemento	Classe	SF	Cmb.	Piano	Linfl. (cm)	Lambda	Alfa	Chi	Beta	Kappa	Mcr (kgxcm)	Nr (kg)	Mr (kgxcm)	Mri (kgxcm)	Ne (kg)	Me (kgxcm)
49	1	2.69	2	y	7.51	0.10	0.21	1.00	1.25	1.00		85905.47	648149.06	646491.25	1622.03	-54585.00
					z	7.51	0.35	0.34	0.95	2.35	1.00	85905.47	149434.37	149434.37	1622.03	39962.82
				LT	7.51	0.31	0.21	0.98	2.35	1.00	8123771.64					
48	1	3.14	2	y	7.51	0.10	0.21	1.00	1.25	1.00		85905.47	648149.06	647254.56	874.16	-43011.68
					z	7.51	0.35	0.34	0.95	2.14	1.00	85905.47	149434.37	149434.37	874.16	36069.02
				LT	7.51	0.31	0.21	0.98	2.14	1.00	8123771.64					
47	1	2.66	1	y	7.51	0.10	0.21	1.00	1.25	1.00		85905.47	648149.06	646403.09	1708.49	-54584.92
					z	7.51	0.35	0.34	0.95	2.35	1.00	85905.47	149434.37	149434.37	1708.49	-40466.57
				LT	7.51	0.31	0.21	0.98	2.35	1.00	8123771.64					
46	1	3.11	1	y	7.51	0.10	0.21	1.00	1.25	1.00		85905.47	648149.06	647203.64	924.01	-43011.56
					z	7.51	0.35	0.34	0.95	2.14	1.00	85905.47	149434.37	149434.37	924.01	-36429.89
				LT	7.51	0.31	0.21	0.98	2.14	1.00	8123771.64					
45	1	5.88	2	y	6.76	8.55e-002	0.21	1.00	1.59	1.00		85905.47	648149.06	647980.43	337.00	-12257.72
					z	6.76	0.31	0.34	0.96	1.92	1.00	85905.47	149434.37	149434.37	337.00	21971.59
				LT	6.76	0.28	0.21	0.98	1.92	1.00	9951689.35					
44	3	>10	17	y	1.75	2.22e-002	0.21	1.00	1.80	1.00		85905.47	648149.06	648149.06	1.76e-012	-22997.85
					z	1.75	8.15e-002	0.34	1.00	1.68	1.00	85905.47	149434.37	149434.37	1.76e-012	-82.81
				LT	1.75	5.35e-002	0.21	1.00	1.68	1.00	270048080.81					
43	1	5.72	1	y	6.76	8.55e-002	0.21	1.00	1.59	1.00		85905.47	648149.06	647970.06	357.74	-12257.52
					z	6.76	0.31	0.34	0.96	1.93	1.00	85905.47	149434.37	149434.37	357.74	-22650.34
				LT	6.76	0.28	0.21	0.98	1.93	1.00	9951689.35					
42	3	>10	17	y	1.75	2.22e-002	0.21	1.00	1.80	1.00		85905.47	648149.06	648149.06	4.18e-012	-22996.92
					z	1.75	8.15e-002	0.34	1.00	1.67	1.00	85905.47	149434.37	149434.37	4.18e-012	-161.47
				LT	1.75	5.35e-002	0.21	1.00	1.67	1.00	270048080.81					
41	24104	5.33	3	y	1.75	2.22e-002	0.21	1.00	1.79	1.00		85905.47	648149.06	648149.06	-3219.14	-12255.75
					z	1.75	8.15e-002	0.34	1.00	1.80	1.00	85905.47	149434.37	149434.37	-3219.14	-19605.26
				LT	1.75	7.33e-002	0.21	1.00	1.80	1.00	143642596.18					
40	3	3.12	2	y	6.76	8.55e-002	0.21	1.00	1.59	1.00		85905.47	648149.06	646908.57	2459.33	-43014.28
					z	6.76	0.31	0.34	0.96	2.39	1.00	85905.47	149434.37	149434.37	2459.33	33466.47
				LT	6.76	0.28	0.21	0.98	2.39	1.00	9951689.35					
39	24104	5.19	4	y	1.75	2.22e-002	0.21	1.00	1.79	1.00		85905.47	648149.06	648149.06	-3380.37	-12255.47
					z	1.75	8.15e-002	0.34	1.00	1.80	1.00	85905.47	149434.37	149434.37	-3380.37	20093.83
				LT	1.75	7.33e-002	0.21	1.00	1.80	1.00	143642596.18					
38	3	3.07	1	y	6.76	8.55e-002	0.21	1.00	1.59	1.00		85905.47	648149.06	646845.11	2585.30	-43014.52
					z	6.76	0.31	0.34	0.96	2.39	1.00	85905.47	149434.37	149434.37	2585.30	-33971.23
				LT	6.76	0.28	0.21	0.98	2.39	1.00	9951689.35					
37	3	4.53	1	y	8.00	0.23	0.34	0.99	1.63	1.00		54526.83	187757.47	187684.90	131.81	8.18
					z	8.00	0.37	0.49	0.91	1.81	1.00	54526.83	105710.02	105710.02	131.81	-23075.09
				LT	8.00	0.31	0.21	0.97	1.81	1.00	2267485.67					
36	3	4.66	2	y	8.00	0.23	0.34	0.99	1.68	1.00		54526.83	187757.47	187695.99	125.96	6.92

				z	8.00	0.37	0.49	0.91	1.85	1.00		54526.83	105710.02	105710.02	125.96	-22390.68
				LT	8.00	0.31	0.21	0.97	1.85	1.00	2267485.67					
35	3	2.68	1	y	8.00	0.23	0.34	0.99	1.63	1.00		54526.83	187757.47	187711.94	82.52	3.01e-002
				z	8.00	0.37	0.49	0.91	1.81	1.00		54526.83	105710.02	105710.02	82.52	-39258.57
				LT	8.00	0.31	0.21	0.97	1.81	1.00	2267485.67					
34	3	2.74	2	y	8.00	0.23	0.34	0.99	1.68	1.00		54526.83	187757.47	187718.73	79.21	2.55e-002
				z	8.00	0.37	0.49	0.91	1.82	1.00		54526.83	105710.02	105710.02	79.21	-38408.09
				LT	8.00	0.31	0.21	0.97	1.82	1.00	2267485.67					
33	3	1.85	1	y	8.00	0.23	0.34	0.99	1.63	1.00		54526.83	187757.47	187716.27	74.67	1.94e-002
				z	8.00	0.37	0.49	0.91	1.81	1.00		54526.83	105710.02	105710.02	74.67	-57120.35
				LT	8.00	0.31	0.21	0.97	1.81	1.00	2267485.67					
32	3	1.88	2	y	8.00	0.23	0.34	0.99	1.68	1.00		54526.83	187757.47	187721.64	73.26	1.92e-002
				z	8.00	0.37	0.49	0.91	1.82	1.00		54526.83	105710.02	105710.02	73.26	-56219.39
				LT	8.00	0.31	0.21	0.97	1.82	1.00	2267485.67					
31	3	1.62	1	y	8.00	0.23	0.34	0.99	1.63	1.00		54526.83	187757.47	187728.74	52.08	2.27
				z	8.00	0.37	0.49	0.91	1.80	1.00		54526.83	105710.02	105710.02	52.08	-65192.54
				LT	8.00	0.31	0.21	0.97	1.80	1.00	2267485.67					
30	3	1.64	2	y	8.00	0.23	0.34	0.99	1.68	1.00		54526.83	187757.47	187736.02	43.87	2.21
				z	8.00	0.37	0.49	0.91	1.81	1.00		54526.83	105710.02	105710.02	43.87	-64234.53
				LT	8.00	0.31	0.21	0.97	1.81	1.00	2267485.67					
29	3	1.75	4	y	8.00	0.23	0.34	0.99	1.65	1.00		54526.83	187757.47	187757.47	-66.35	166.33
				z	8.00	0.37	0.49	0.91	1.82	1.00		54526.83	105710.02	105710.02	-66.35	60071.93
				LT	8.00	0.31	0.21	0.97	1.82	1.00	2267485.67					
28	3	1.78	3	y	8.00	0.23	0.34	0.99	1.69	1.00		54526.83	187757.47	187757.47	-92.81	173.67
				z	8.00	0.37	0.49	0.91	1.80	1.00		54526.83	105710.02	105710.02	-92.81	59061.05
				LT	8.00	0.31	0.21	0.97	1.80	1.00	2267485.67					
102	1	4.15	2	y	24.00	0.52	0.21	0.92	1.80	1.00		97609.29	469596.00	469596.00	948.04	-45703.97
				z	24.00	0.52	0.21	0.92	1.80	1.00		97609.29	469596.00	469596.00	948.04	62558.78
				LT	24.00	0.10	0.21	1.00	1.80	1.00	48179166.78					
101	1	3.23	2	y	24.00	0.52	0.21	0.92	1.80	1.00		97609.29	469596.00	469596.00	121.37	-81217.78
				z	24.00	0.52	0.21	0.92	1.80	1.00		97609.29	469596.00	469596.00	121.37	63531.80
				LT	24.00	0.10	0.21	1.00	1.80	1.00	48179166.78					
96	3	2.77	4	y	24.00	0.60	0.21	0.89	1.80	1.00		92181.20	322839.04	321254.79	1757.62	-71117.98
				z	24.00	0.60	0.21	0.89	1.80	1.00		92181.20	322839.04	321254.79	1757.62	-37917.24
				LT	24.00	0.12	0.21	1.00	1.80	1.00e+000	28937327.53					
95	3	3.17	3	y	24.00	0.60	0.21	0.89	1.80	1.00		92181.20	322839.04	321383.07	1614.65	59832.11
				z	24.00	0.60	0.21	0.89	1.80	1.00		92181.20	322839.04	321383.07	1614.65	-35373.37
				LT	24.00	0.12	0.21	1.00	1.80	1.00e+000	28937327.53					
90	24104	3.76	3	y	24.00	0.60	0.21	0.89	1.80	1.00		92181.20	322839.04	322153.09	758.89	35896.81
				z	24.00	0.60	0.21	0.89	1.80	1.00		92181.20	322839.04	322153.09	758.89	-46828.93
				LT	24.00	0.12	0.21	1.00	1.80	1.00e+000	28937327.53					
89	24104	3.27	2	y	24.00	0.60	0.21	0.89	1.80	1.00		92181.20	322839.04	322121.13	794.33	-48421.89
				z	24.00	0.60	0.21	0.89	1.80	1.00		92181.20	322839.04	322121.13	794.33	47091.24
				LT	24.00	0.12	0.21	1.00	1.80	1.00e+000	28937327.53					
88	1	3.96	5	y	4.70	0.14	0.34	1.00	1.66	1.00		99720.82	566145.59	566145.59	-82.94	310.62
				z	4.70	8.25e-002	0.49	1.00	1.91	1.00		99720.82	302553.49	302553.49	-82.94	76072.69
				LT	4.70	6.07e-002	0.21	1.00	1.91	1.00	179625088.46					
87	3	3.94	8	y	11.00	0.32	0.34	0.96	2.00	1.00		99720.82	566145.59	566145.59	29.91	1414.92
				z	11.00	0.19	0.49	1.00	2.49	1.00		99720.82	302553.49	302553.49	29.91	75924.09
				LT	11.00	0.12	0.21	1.00	2.49	1.00	48480414.54					
86	3	3.95	8	y	4.70	0.14	0.34	1.00	1.37	1.00		99720.82	566145.59	566145.59	-0.26	1327.37
				z	4.70	8.25e-002	0.49	1.00	1.88	1.00		99720.82	302553.49	302553.49	-0.26	75925.52
				LT	4.70	7.00e-002	0.21	1.00	1.88	1.00	135164225.00					
85	3	3.08	7	y	4.70	0.14	0.34	1.00	1.80	1.00		99720.82	566145.59	566081.86	219.55	2143.34
				z	4.70	8.25e-002	0.49	1.00	1.90	1.00		99720.82	302553.49	302553.49	219.55	96296.68
				LT	4.70	5.63e-002	0.21	1.00	1.90	1.00	208918409.07					
84	3	3.10	7	y	11.00	0.32	0.34	0.96	1.86	1.00		99720.82	566145.59	566145.59	-83.81	2174.00
				z	11.00	0.19	0.49	1.00	2.49	1.00		99720.82	302553.49	302553.49	-83.81	96295.25
				LT	11.00	0.13	0.21	1.00	2.49	1.00	41558976.52					
83	3	3.10	6	y	4.70	0.14	0.34	1.00	1.75	1.00		99720.82	566145.59	566006.46	373.74	159.10
				z	4.70	8.25e-002	0.49	1.00	1.89	1.00		99720.82	302553.49	302553.49	373.74	96280.89
				LT	4.70	5.80e-002	0.21	1.00	1.89	1.00	196885599.43					
82	1	8.18	1	y	5.40	0.16	0.34	1.00	1.21	1.00		99720.82	566145.59	566090.41	41.35	-1452.04
				z	5.40	9.47e-002	0.49	1.00	1.97	1.00		99720.82	302553.49	302553.49	41.35	36066.51
				LT	5.40	8.58e-002	0.21	1.00	1.97	1.00	89977720.90					
81	3	8.07	4	y	11.20	0.32	0.34	0.96	2.47	1.00		99720.82	566145.59	566145.59	-59.49	-1638.93
				z	11.20	0.20	0.49	1.00	2.47	1.00		99720.82	302553.49	302553.49	-59.49	36448.74
				LT	11.20	0.11	0.21	1.00	2.47	1.00	54168460.69					

80	3	8.07	4	y	5.40	0.16	0.34	1.00	1.48	1.00	99720.82	566145.59	566145.59	-90.64	-1478.20
				z	5.40	9.47e-002	0.49	1.00	1.84	1.00	99720.82	302553.49	302553.49	-90.64	36443.72
				LT	5.40	7.65e-002	0.21	1.00	1.84	1.00	113144016.61				
79	3	>10	6	y	5.40	0.16	0.34	1.00	2.00	1.00	99720.82	566145.59	566145.59	-212.84	2124.74
				z	5.40	9.47e-002	0.49	1.00	1.76	1.00	99720.82	302553.49	302553.49	-212.84	-11500.23
				LT	5.40	5.82e-002	0.21	1.00	1.76	1.00	195752671.25				
78	3	>10	1	y	11.20	0.32	0.34	0.96	2.47	1.00	99720.82	566145.59	566145.59	59.18	1466.77
				z	11.20	0.20	0.49	1.00	2.23	1.00	99720.82	302553.49	302553.49	59.18	4865.74
				LT	11.20	0.11	0.21	1.00	2.23	1.00	54168460.69				
77	3	>10	6	y	5.40	0.16	0.34	1.00	1.88	1.00	99720.82	566145.59	566112.85	164.07	-2087.75
				z	5.40	9.47e-002	0.49	1.00	1.80	1.00	99720.82	302553.49	302553.49	164.07	-14285.36
				LT	5.40	6.20e-002	0.21	1.00	1.80	1.00	172502790.82				
65	3	>10	3	y	4.70	0.11	0.21	1.00	1.80	1.00	33950.66	136317.06	136317.06	-78.09	-9251.86
				z	4.70	0.37	0.34	0.94	2.43	1.00	33950.66	34979.47	34979.47	-78.09	-84.08
				LT	4.70	0.32	0.21	0.97	2.43	1.00	1568516.56				
64	1	>10	6	y	11.00	0.26	0.21	0.99	2.33	1.00	33950.66	136317.06	136317.06	53.69	-12838.61
				z	11.00	0.88	0.34	0.68	2.45	1.00	33950.66	34979.47	34979.47	53.69	-59.93
				LT	11.00	0.67	0.21	0.86	2.45	1.00e+000	367963.20				
63	3	>10	7	y	4.70	0.11	0.21	1.00	1.78	1.00	33950.66	136317.06	136317.06	-98.39	-8006.21
				z	4.70	0.37	0.34	0.94	2.35	1.00	33950.66	34979.47	34979.47	-98.39	129.29
				LT	4.70	0.32	0.21	0.97	2.35	1.00	1568516.56				
62	3	>10	7	y	4.70	0.11	0.21	1.00	1.78	1.00	33950.66	136317.06	136305.54	62.76	-10374.30
				z	4.70	0.37	0.34	0.94	2.38	1.00	33950.66	34979.47	34979.47	62.76	132.42
				LT	4.70	0.32	0.21	0.97	2.38	1.00	1568516.56				
61	1	8.44	5	y	11.00	0.26	0.21	0.99	2.40	1.00	33950.66	136317.06	136317.06	-40.66	15942.43
				z	11.00	0.88	0.34	0.68	2.30	1.00	33950.66	34979.47	34979.47	-40.66	9.73
				LT	11.00	0.67	0.21	0.86	2.30	1.00	367963.20				
60	3	>10	8	y	4.70	0.11	0.21	1.00	1.79	1.00	33950.66	136317.06	136316.00	5.88	-13126.95
				z	4.70	0.37	0.34	0.94	2.40	1.00	33950.66	34979.47	34979.47	5.88	104.81
				LT	4.70	0.32	0.21	0.97	2.40	1.00	1568516.56				
59	3	>10	7	y	5.40	0.13	0.21	1.00	1.82	1.00	33950.66	136317.06	136314.75	13.02	-11649.87
				z	5.40	0.43	0.34	0.91	2.38	1.00	33950.66	34979.47	34979.47	13.02	110.81
				LT	5.40	0.27	0.21	0.99	2.38	1.00	2326421.22				
58	1	>10	5	y	11.20	0.26	0.21	0.99	1.63	1.00	33950.66	136317.06	136254.77	83.44	-10819.33
				z	11.20	0.89	0.34	0.67	2.44	1.00	33950.66	34979.47	34979.47	83.44	35.16
				LT	11.20	0.68	0.21	0.86	2.44	1.00e+000	358067.14				
57	3	8.44	5	y	5.40	0.13	0.21	1.00	1.81	1.00	33950.66	136317.06	136308.82	45.85	-15647.90
				z	5.40	0.43	0.34	0.91	2.34	1.00	33950.66	34979.47	34979.47	45.85	-79.44
				LT	5.40	0.27	0.21	0.99	2.34	1.00	2321219.21				
56	3	>10	8	y	5.40	0.13	0.21	1.00	1.82	1.00	33950.66	136317.06	136316.84	1.25	-10989.61
				z	5.40	0.43	0.34	0.91	2.39	1.00	33950.66	34979.47	34979.47	1.25	-69.48
				LT	5.40	0.27	0.21	0.99	2.39	1.00	2325582.61				
55	1	>10	6	y	11.20	0.26	0.21	0.99	1.26	1.00	33950.66	136317.06	136209.29	71.73	-7365.33
				z	11.20	0.89	0.34	0.67	2.45	1.00	33950.66	34979.47	34979.47	71.73	-42.14
				LT	11.20	0.68	0.21	0.86	2.45	1.00e+000	358067.14				
54	1	9.69	6	y	5.40	0.13	0.21	1.00	1.82	1.00	33950.66	136317.06	136311.86	29.47	-13545.57
				z	5.40	0.43	0.34	0.91	2.33	1.00	33950.66	34979.47	34979.47	29.47	100.28
				LT	5.40	0.27	0.21	0.99	2.33	1.00	2329200.60				
53	1	8.35	5	y	7.16	0.17	0.21	1.00	1.64	1.00	33950.66	156378.82	156378.82	249.53	17340.42
				z	7.16	0.57	0.34	0.85	2.29	1.00	33950.66	34979.47	34979.47	249.53	-6.67
				LT	7.16	0.38	0.21	0.96	2.29	1.00	1166640.10				
52	24104	6.76	8	y	7.16	0.17	0.21	1.00	1.61	1.00	33950.66	136317.06	136317.06	-23.85	20055.18
				z	7.16	0.57	0.34	0.85	1.52	1.00	33950.66	34979.47	34979.47	-23.85	3.69
				LT	7.16	0.38	0.21	0.96	1.52	1.00	1135918.29				
51	24104	6.78	7	y	7.16	0.17	0.21	1.00	1.61	1.00	33950.66	136317.06	136317.06	-65.16	19806.11
				z	7.16	0.57	0.34	0.85	1.23	1.00	33950.66	34979.47	34979.47	-65.16	10.08
				LT	7.16	0.38	0.21	0.96	1.23	1.00	1137912.89				
50	1	8.18	6	y	7.16	0.17	0.21	1.00	1.65	1.00	33950.66	136317.06	136173.82	319.82	15084.48
				z	7.16	0.57	0.34	0.85	2.48	1.00	33950.66	34979.47	34979.47	319.82	-13.43
				LT	7.16	0.37	0.21	0.96	2.48	1.00	1185381.39				
27	3	3.83	4	y	14.00	0.35	0.21	0.97	2.07	1.00	92181.20	322839.04	322839.04	1263.77	-41662.64
				z	14.00	0.35	0.21	0.97	1.53	1.00	92181.20	322839.04	321390.85	1263.77	-37930.76
				LT	14.00	7.85e-002	0.21	1.00	1.53	1.00	66019923.45				
26	1	6.75	4	y	10.00	0.25	0.21	0.99	1.80	1.00	92181.20	322839.04	322726.84	330.83	-31786.73
				z	10.00	0.25	0.21	0.99	1.80	1.00	92181.20	322839.04	322726.84	330.83	-14819.28
				LT	10.00	7.66e-002	0.21	1.00	1.80	1.00	69449586.07				
25	3	3.52	3	y	14.00	0.35	0.21	0.97	2.06	1.00	92181.20	322839.04	322839.04	1440.65	49138.54
				z	14.00	0.35	0.21	0.97	1.57	1.00	92181.20	322839.04	321323.03	1440.65	-37221.84

Parametri di verifica resistenza e instabilità a taglio										
Elemento	SF	Cmb.	Tau (kg/cm2)	Lambda	Kappa	Vri (kg)	Vry (kg)	VRz (kg)	Vey (kg)	VeZ (kg)
49	>10	22	158.88	0.43	5.34	179982.57	34037.58	23626.85	0.22	18.53
48	>10	22	158.88	0.43	5.34	179982.57	34037.58	23626.85	4.64e-002	207.24
47	>10	22	158.88	0.43	5.34	179982.57	34037.58	23626.85	0.22	18.53
46	>10	22	158.88	0.43	5.34	179982.57	34037.58	23626.85	4.64e-002	207.24

45 >10	22	158.88	0.43	5.34	179982.57	34037.58	23626.85	9.44e-003	414.14
44 >10	22	158.88	0.43	5.34	179982.57	34037.58	23626.85	1.62e-013	495.19
43 >10	22	158.88	0.43	5.34	179982.57	34037.58	23626.85	9.44e-003	414.14
42 >10	22	158.88	0.43	5.34	179982.57	34037.58	23626.85	2.81e-013	495.19
41 >10	22	158.88	0.43	5.34	179982.57	34037.58	23626.85	4.36	451.20
40 >10	22	158.88	0.43	5.34	179982.57	34037.58	23626.85	1.19	244.30
39 >10	22	158.88	0.43	5.34	179982.57	34037.58	23626.85	4.36	451.20
38 >10	22	158.88	0.43	5.34	179982.57	34037.58	23626.85	1.19	244.30
37 >10	22	158.88	0.20	5.34	60526.83	27323.20	11166.87	1.36e-013	2.07e-004
36 >10	22	158.88	0.20	5.34	60526.83	27323.20	11166.87	1.45e-013	37.07
35 >10	22	158.88	0.20	5.34	60526.83	27323.20	11166.87	2.08e-013	7.32e-007
34 >10	22	158.88	0.20	5.34	60526.83	27323.20	11166.87	2.02e-013	37.07
33 >10	22	158.88	0.20	5.34	60526.83	27323.20	11166.87	2.85e-013	1.29e-007
32 >10	22	158.88	0.20	5.34	60526.83	27323.20	11166.87	2.95e-013	37.07
31 >10	22	158.88	0.20	5.34	60526.83	27323.20	11166.87	3.43e-013	3.28e-006
30 >10	22	158.88	0.20	5.34	60526.83	27323.20	11166.87	3.40e-013	37.07
29 >10	22	158.88	0.20	5.34	60526.83	27323.20	11166.87	3.29e-013	8.88e-004
28 >10	22	158.88	0.20	5.34	60526.83	27323.20	11166.87	3.37e-013	37.07
102 >10	22	158.88	0.22	5.34	173106.72	22378.95	20478.20	0.18	6.72e-003
101 >10	22	158.88	0.22	5.34	173106.72	22378.95	20478.20	8.77e-002	6.49e-002
96 >10	22	158.88	0.16	5.34	125895.80	28511.16	26610.42	2.88e-002	0.29
95 >10	22	158.88	0.16	5.34	125895.80	28511.16	26610.42	6.21e-002	0.28
90 >10	22	158.88	0.16	5.34	125895.80	28511.16	26610.42	0.26	2.24e-002
89 >10	22	158.88	0.16	5.34	125895.80	28511.16	26610.42	0.27	4.98e-002
88 >10	22	158.88	0.28	5.34	121658.92	48307.71	19618.35	40.99	4.80e-003
87 >10	22	158.88	0.28	5.34	121658.92	48307.71	19618.35	26.03	2.11e-002
86 >10	22	158.88	0.28	5.34	121658.92	48307.71	19618.35	13.41	7.15e-002
85 >10	22	158.88	0.28	5.34	121658.92	48307.71	19618.35	42.75	7.53e-004
84 >10	22	158.88	0.28	5.34	121658.92	48307.71	19618.35	25.18	4.41e-002
83 >10	22	158.88	0.28	5.34	121658.92	48307.71	19618.35	13.21	9.37e-002
82 >10	22	158.88	0.28	5.34	121658.92	48307.71	19618.35	37.91	1.67e-002
81 >10	22	158.88	0.28	5.34	121658.92	48307.71	19618.35	21.19	7.84e-003
80 >10	22	158.88	0.28	5.34	121658.92	48307.71	19618.35	14.54	4.77e-002
79 >10	22	158.88	0.28	5.34	121658.92	48307.71	19618.35	35.98	8.94e-003
78 >10	22	158.88	0.28	5.34	121658.92	48307.71	19618.35	22.03	2.14e-004
77 >10	22	158.88	0.28	5.34	121658.92	48307.71	19618.35	14.38	2.93e-003
65 >10	22	158.88	0.31	5.34	71506.39	13498.85	9348.10	1.58e-003	11.88
64 >10	22	158.88	0.31	5.34	71506.39	13498.85	9348.10	4.36e-004	25.85
63 >10	22	158.88	0.31	5.34	71506.39	13498.85	9348.10	7.33e-003	34.16
62 >10	22	158.88	0.31	5.34	71506.39	13498.85	9348.10	5.50e-003	34.08
61 >10	22	158.88	0.31	5.34	71506.39	13498.85	9348.10	1.13e-003	25.63
60 >10	22	158.88	0.31	5.34	71506.39	13498.85	9348.10	2.92e-003	11.25
59 >10	22	158.88	0.31	5.34	71506.39	13498.85	9348.10	2.07e-003	18.37
58 >10	22	158.88	0.31	5.34	71506.39	13498.85	9348.10	4.15e-005	7.27
57 >10	22	158.88	0.31	5.34	71506.39	13498.85	9348.10	4.85e-003	26.16
56 >10	22	158.88	0.31	5.34	71506.39	13498.85	9348.10	1.73e-003	18.15
55 >10	22	158.88	0.31	5.34	71506.39	13498.85	9348.10	4.67e-005	7.51
54 >10	22	158.88	0.31	5.34	71506.39	13498.85	9348.10	8.81e-004	25.47
53 >10	22	158.88	0.31	5.34	71506.39	13498.85	9348.10	2.09e-004	14.23
52 >10	22	158.88	0.31	5.34	71506.39	13498.85	9348.10	2.76e-004	23.37
51 >10	22	158.88	0.31	5.34	71506.39	13498.85	9348.10	1.75e-004	14.14
50 >10	22	158.88	0.31	5.34	71506.39	13498.85	9348.10	9.03e-005	23.48
27 >10	22	158.88	0.16	5.34	125895.80	28511.16	26610.42	1.09e-002	4.61
26 >10	22	158.88	0.16	5.34	125895.80	28511.16	26610.42	2.69e-002	3.52
25 >10	22	158.88	0.16	5.34	125895.80	28511.16	26610.42	8.46e-002	4.70
24 >10	22	158.88	0.16	5.34	125895.80	28511.16	26610.42	0.10	3.61
23 >10	22	158.88	0.31	5.34	71506.39	13498.85	9348.10	1.61e-002	43.81
22 >10	22	158.88	0.22	5.34	173106.72	22378.95	20478.20	4.68e-002	0.14
21 >10	22	158.88	0.22	5.34	173106.72	22378.95	20478.20	0.12	1.21e-002
20 >10	22	158.88	0.16	5.34	125895.80	28511.16	26610.42	8.38e-003	0.13
19 >10	22	158.88	0.16	5.34	125895.80	28511.16	26610.42	6.54e-002	4.38e-002
18 >10	22	158.88	0.16	5.34	125895.80	28511.16	26610.42	8.38e-003	0.13
17 >10	22	158.88	0.16	5.34	125895.80	28511.16	26610.42	8.38e-003	0.13
16 >10	22	158.88	0.16	5.34	125895.80	28511.16	26610.42	6.54e-002	4.38e-002
15 >10	22	158.88	0.16	5.34	125895.80	28511.16	26610.42	6.54e-002	4.38e-002
14 >10	22	158.88	0.31	5.34	71506.39	13498.85	9348.10	8.94e-005	6.04e-002
13 >10	22	158.88	0.31	5.34	71506.39	13498.85	9348.10	1.10e-003	10.66
12 >10	22	158.88	0.31	5.34	71506.39	13498.85	9348.10	4.43e-004	5.84e-002

In questa tabella vengono riportati i principali parametri per la verifica di resistenza e di instabilità a taglio. Per la verifica di instabilità si impiega il metodo della resistenza post-critica. Le intestazioni delle colonne hanno il seguente significato: **Tau** tensione resistente post-critica; **Lambda** snellezza dell'anima; **Kappa** fattore di imbozzamento a taglio; **Vri** taglio resistente da instabilità; **Vry** e **Vrz** tagli resistenti; **Vey** e **Ve** azioni di taglio per questa verifica.

Si rimanda alla tabella sinottica dei criteri di resistenza per tutti i valori dei coefficienti di sicurezza per azioni combinate.

Classificazione profilo

Elemento	Classe	Elm	Comb	w/t	s0 (kg/cm2)	s1 (kg/cm2)	k	lbd	scrt (kg/cm2)	w/t_crt	f.rid
49	3	1	21	4.67	1586.66	2804.22	0.47	0.26	41146.93	4.72	0.60
48	3	1	21	4.67	1631.49	2804.22	0.47	0.26	40966.83	4.72	0.61
47	3	1	21	4.67	1607.22	2804.22	0.47	0.26	41063.92	4.72	0.61
46	3	1	21	4.67	1677.99	2804.22	0.47	0.26	40783.30	4.72	0.61
45	3	1	21	4.67	1182.00	2804.22	0.49	0.26	42913.32	4.72	0.55
44	3	1	22	4.67	335.65	2804.22	0.55	0.24	47426.61	4.72	0.39
43	3	1	21	4.67	1217.27	2804.22	0.49	0.26	42749.26	4.72	0.55
42	3	5	22	4.67	2804.22	2571.73	0.46	0.26	39948.06	4.72	0.64
41	1	1	22	4.67	-2804.22	-2804.22	0.00	0.00	0.00	0.00	0.00
40	3	1	22	4.67	2804.22	2718.52	0.44	0.27	38351.10	4.72	0.69
39	1	1	22	4.67	-2804.22	-2804.22	0.00	0.00	0.00	0.00	0.00
38	3	5	22	4.67	2804.22	2718.52	0.44	0.27	38351.09	4.72	0.69
37	3	5	22	4.75	384.35	2804.22	0.54	0.25	45638.84	4.79	0.45
36	3	1	22	4.75	384.32	2804.22	0.54	0.25	45639.01	4.79	0.45
35	3	1	22	4.75	1.07	2804.22	0.57	0.24	47942.75	4.79	0.37
34	3	5	22	4.75	4.53e-002	2804.22	0.57	0.24	47949.21	4.79	0.37
33	1	1	8	4.75	-1.83	-2804.22	0.00	0.00	0.00	0.00	0.00
32	1	1	6	4.75	-1.45	-2804.22	0.00	0.00	0.00	0.00	0.00
31	1	1	8	4.75	-0.16	-2804.22	0.00	0.00	0.00	0.00	0.00
30	1	1	5	4.75	-1.34	-2804.22	0.00	0.00	0.00	0.00	0.00
29	1	1	4	4.75	-0.43	-2804.22	0.00	0.00	0.00	0.00	0.00
28	1	1	3	4.75	-1.62	-2804.22	0.00	0.00	0.00	0.00	0.00
102	3	1	22	4.75	1668.36	489.89	0.91	0.19	76735.95	4.79	-0.79
101	3	1	22	4.75	1668.36	489.89	0.91	0.19	76735.95	4.79	-0.79
96	1	1	20	15.00	-2804.22	-2804.22	0.00	0.00	0.00	0.00	0.00
95	3	3	21	15.00	2804.22	2795.35	4.01	0.29	33794.37	15.14	0.82
90	3	3	22	15.00	2804.22	2592.31	4.15	0.28	35033.69	15.14	0.79
89	3	3	22	15.00	2804.22	1881.24	4.77	0.26	40195.96	15.14	0.63
88	3	1	21	7.22	678.42	2804.22	0.52	0.38	19041.39	7.29	1.00
87	3	1	22	7.22	2792.38	2804.22	0.43	0.42	15657.51	7.29	1.00
86	3	1	22	7.22	2792.98	2804.22	0.43	0.42	15656.97	7.29	1.00
85	3	1	22	7.22	2792.91	2804.22	0.43	0.42	15657.03	7.29	1.00
84	3	1	22	7.22	2790.93	2677.88	0.44	0.42	16184.85	7.29	1.00
83	3	1	22	7.22	2792.94	2804.22	0.43	0.42	15657.00	7.29	1.00
82	3	1	21	7.22	2785.88	2804.22	0.43	0.42	15663.48	7.29	1.00
81	3	1	22	7.22	2792.79	2756.19	0.44	0.42	15850.59	7.29	1.00
80	3	1	22	7.22	2792.76	2753.95	0.44	0.42	15860.06	7.29	1.00
79	3	1	22	7.22	2792.90	2768.55	0.43	0.42	15798.36	7.29	1.00
78	3	1	22	7.22	2792.94	2762.68	0.43	0.42	15823.54	7.29	1.00
77	3	1	22	7.22	2792.96	2804.22	0.43	0.42	15656.98	7.29	1.00
65	3	1	22	3.97	2804.22	2797.31	0.43	0.23	52085.87	4.00	0.22
64	3	5	21	3.97	2804.22	2624.14	0.45	0.23	54607.02	4.00	0.13
63	3	1	22	3.97	2804.22	2650.94	0.45	0.23	54200.96	4.00	0.14
62	3	5	22	3.97	2804.22	2703.03	0.44	0.23	53428.84	4.00	0.17
61	3	5	21	3.97	2804.22	2757.37	0.44	0.23	52646.42	4.00	0.20
60	3	5	22	3.97	2804.22	2760.92	0.44	0.23	52596.12	4.00	0.20
59	3	5	22	3.97	2804.22	2779.23	0.43	0.23	52338.22	4.00	0.21
58	3	1	21	3.97	2723.80	2301.93	0.49	0.22	58784.71	4.00	-3.33e-002
57	3	5	22	3.97	2804.22	2699.29	0.44	0.23	53483.61	4.00	0.17
56	3	1	22	3.97	2804.22	2786.12	0.43	0.23	52241.69	4.00	0.22
55	3	1	21	3.97	2799.03	2804.22	0.43	0.23	51843.82	4.00	0.23
54	3	5	21	3.97	497.77	2804.22	0.53	0.21	64475.37	4.00	-0.26
53	3	5	21	3.97	2804.22	2700.19	0.44	0.23	53470.33	4.00	0.17
52	1	1	22	3.97	-2804.22	-2804.22	0.00	0.00	0.00	0.00	0.00
51	1	1	22	3.97	-2804.22	-2804.22	0.00	0.00	0.00	0.00	0.00
50	3	1	21	3.97	2804.22	2775.50	0.43	0.23	52390.45	4.00	0.21

27	3	3	20	15.00	2804.22	374.23	6.93	0.22	58449.05	15.14	-2.01e-002
26	3	3	20	15.00	2804.22	348.42	6.98	0.22	58907.17	15.14	-3.82e-002
25	3	3	20	15.00	2804.22	2754.75	4.03	0.29	34035.14	15.14	0.81
24	3	3	8	15.00	2804.22	1898.12	4.75	0.26	40055.82	15.14	0.64
23	3	5	21	3.97	2804.22	2665.12	0.45	0.23	53988.55	4.00	0.15
22	1	1	22	3.97	2804.22	2804.22	0.43	0.23	51990.08	8.32	0.23
21	1	1	22	3.97	2804.22	2804.22	0.43	0.23	51990.08	8.32	0.23
20	3	3	20	15.00	2804.22	2694.65	4.08	0.29	34397.85	15.14	0.80
19	1	1	20	15.00	-2804.22	-2797.07	0.00	0.00	0.00	0.00	0.00
18	3	3	20	15.00	2804.22	2651.81	4.11	0.28	34661.21	15.14	0.80
17	3	3	20	15.00	2804.22	2649.02	4.11	0.28	34678.44	15.14	0.80
16	3	3	7	15.00	2733.40	1152.84	5.57	0.24	46999.28	15.14	0.41
15	3	3	8	15.00	2804.22	2185.20	4.48	0.27	37814.09	15.14	0.71
14	3	1	21	3.97	2804.22	2701.25	0.44	0.23	53454.88	4.00	0.17
13	3	5	21	3.97	2804.22	2699.84	0.44	0.23	53475.53	4.00	0.17
12	3	1	21	3.97	2804.22	2778.73	0.43	0.23	52345.21	4.00	0.21
11	3	5	21	3.97	2804.22	2636.51	0.45	0.23	54418.93	4.00	0.14

In questa tabella vengono riportati, per i profili degli elementi **Elemento** di classe **Classe** i parametri relativi all'elemento **Elm** del profilo che per la combinazione di carico **Comb** appartiene alla classe più elevata. Viene riportato il rapporto larghezza/spessore **w/t**, le tensioni **s0** e **s1** agli estremi dell'elemento della sezione, il coefficiente di imbozzamento **k**, di snellezza **lbd**, la tensione critica **scrt** il rapporto critico larghezza/spessore **wt_crt** e il fattore di riduzione dell'area per sezione in classe 4

Verifica stato limite di danno

Stato limite: Stato limite di danno			
Valore di riferimento:		0.005000	
Moltiplicatore degli spostamenti:		1.000000	
Quota (cm)	Interpiano (cm)	Spostamento (cm)	Spostamento relativo
1315.00	100.000000	0.256829	0.002568
Massimo spostamento interpiano relativo (dr):			0.002568

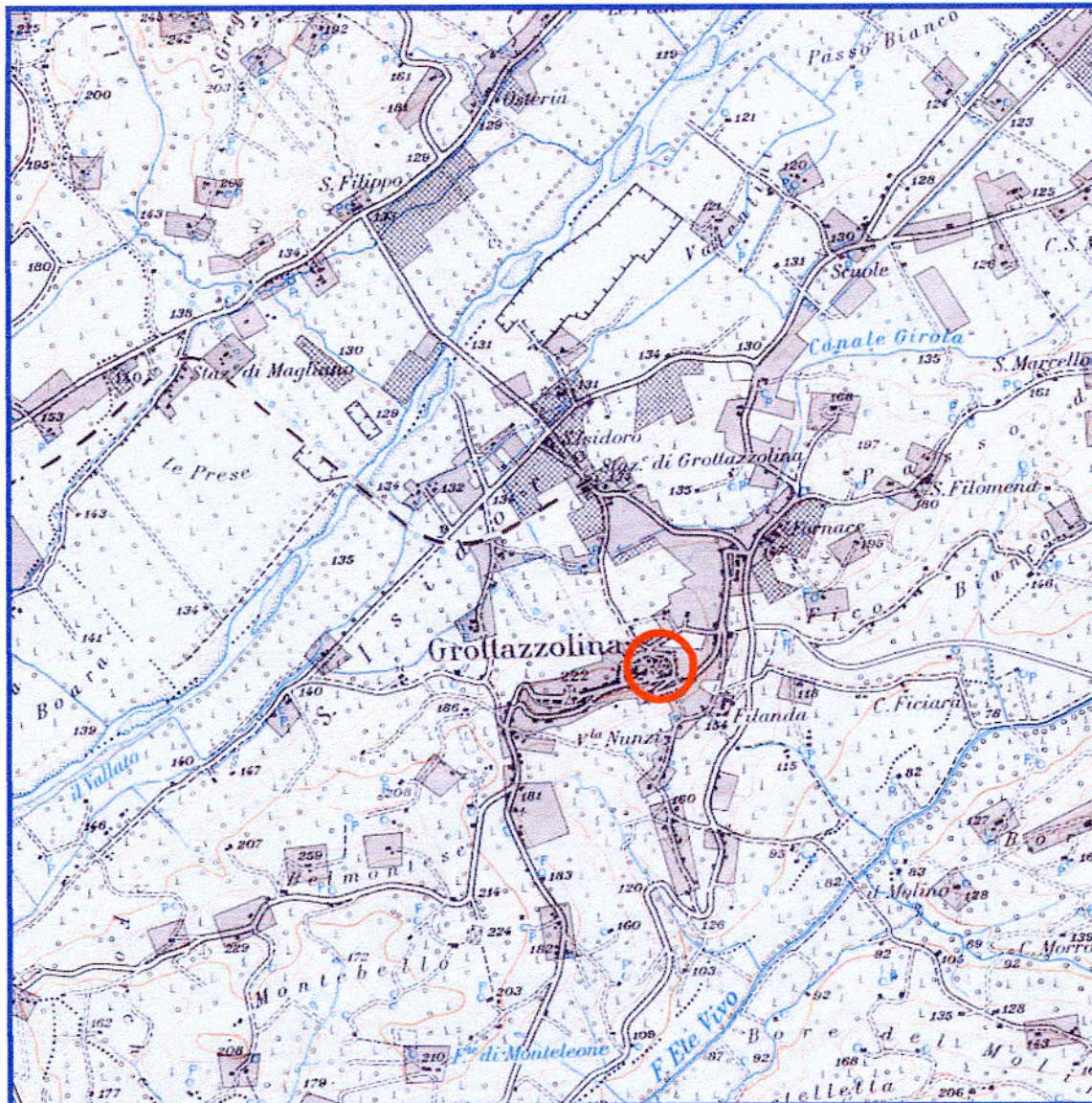
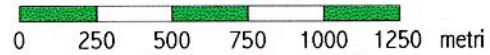
COROGRAFIA



Area oggetto d'indagine



Scala grafica 1:25000



Reticolo Gauss-Boaga - L'equidistanza delle curve di livello è di m 25 (Agg. 1992)

Inquadramento quadrante IGM 125 III N.E. "Grottazzolina"
REGIONE MARCHE - CARTA TOPOGRAFICA REGIONALE

BACINO: Fiume Tenna
PROVINCIA: Fermo
COMUNE: Grottazzolina
LOCALITA': Castello