

COMMITTENTE:



ALTA SORVEGLIANZA:



GENERAL CONTRACTOR:



**INFRASTRUTTURE FERROVIARIE STRATEGICHE DEFINITE DALLA
LEGGE OBIETTIVO N. 443/01**

PROGETTO DEFINITIVO

LINEA AV/AC VERONA - PADOVA

SUB TRATTA VERONA – VICENZA

1° SUB LOTTO VERONA – MONTEBELLO VICENTINO

PARTE GENERALE

FA08 - FABBRICATO SSE AL KM 26+290

RELAZIONE DI CALCOLO STRUTTURE

GENERAL CONTRACTOR		ITALFERR S.p.A.	SCALA:
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COMMESSA LOTTO FASE ENTE TIPO DOC. OPERA/DISCIPLINA Progr. REV.

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ATI bonifica	VISTO ATI BONIFICA	
	Firma	Data
	Ing. F. P. Bocchetto	

Programmazione


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1 PREMESSA

La presente relazione è relativa al progetto esecutivo delle opere strutturali del fabbricato di servizio tipo SSE da realizzare nell'area del piazzale di stazione prevista al km 26+290 della nuova linea ferroviaria AV/AC Verona – Padova, 1° sublotto: Verona – Montebello Vicentino, in Comune di San Bonifacio (VE), località Locara. In particolare la relazione illustra le caratteristiche geometriche generali e le dimensioni degli elementi strutturali, definisce le caratteristiche dei materiali costitutivi e riporta i calcoli statici del progetto esecutivo delle opere in elevazione e in fondazione.

2 DESCRIZIONE DELLE OPERE

Dal punto di vista architettonico il fabbricato SSE è composto da un unico organismo edilizio, a pianta rettangolare con dimensioni (26,00x12,00) m e un solo piano fuori terra, copertura a padiglione con pendenza delle falde di 19°, altezza al colmo di 7,30 m e finitura con tegole laterizie, cornicione/veletta perimetrale in calcestruzzo faccia a vista con altezza alla gronda di 4,60 m fuori terra, murature perimetrali e interne in blocchi forati di calcestruzzo vibro-compresso rivestiti all'interno e faccia a vista all'esterno.

La struttura si compone di un unico corpo con dimensioni in pianta di (25,50x11,50) m, misurate sugli assi strutturali.

La struttura in elevazione è costituita da un'intelaiatura spaziale di travi e pilastri in calcestruzzo armato ordinario gettato in opera e dall'unico solaio di copertura latero-cementizio, con travetti tralicciati e pignatte di alleggerimento. Sugli allineamenti trasversali sono previste "catene" in cls armato alla quota di imposta della copertura che assorbono la spinta dovuta all'inclinazione delle falde e contrastano l'inflessione laterale dei pilastri interni che proseguono al di sopra delle catene, fino alla copertura. In questa tipologia l'immagine della struttura trasversale ricorda quella tipica della struttura "a capriata" senza averne però il comportamento statico. Le travi di falda sono a spessore di solaio (s=26 cm), quelle di colmo hanno sezione (40x70) cm e

quelle di displuvio (30x70) cm; anche le travi perimetrali hanno sezione (30x70) cm e raccordano la quota della falda con quella del cornicione, quest'ultimo con spessore di 18 cm, mentre la catena ha sezione (40x30) cm. I pilastri perimetrali hanno sezione (30x70) cm mentre i tre interni sono (40x60) cm.

La struttura di fondazione è costituita da un reticolo di travi. E' prevista una trave perimetrale a "T rovescia" con suola di (100x40) cm e anima di (45x80) cm, una trave longitudinale "di spina" anch'essa a T rovescia con suola di (140x40) cm e anima di (40x80) cm, travi di collegamento poste sugli allineamenti strutturali trasversali e delle murature interne ancora a T rovescia con suola di (80x40) cm e anima di (30x80) cm; per tutte l'altezza totale è di 120 cm.

Si riportano di seguito alcune figure che illustrano sommariamente la struttura in esame mentre per il disegno dettagliato si rinvia agli elaborati grafici del progetto strutturale.

SEZIONE CARPENTERIA FILO 3 - Scala 1.50

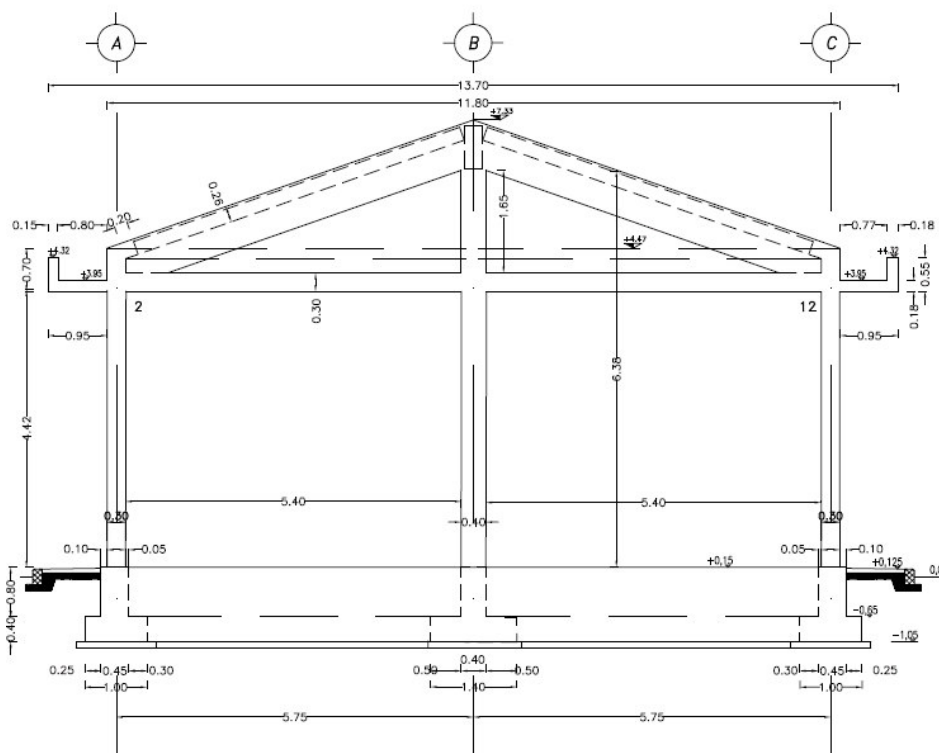
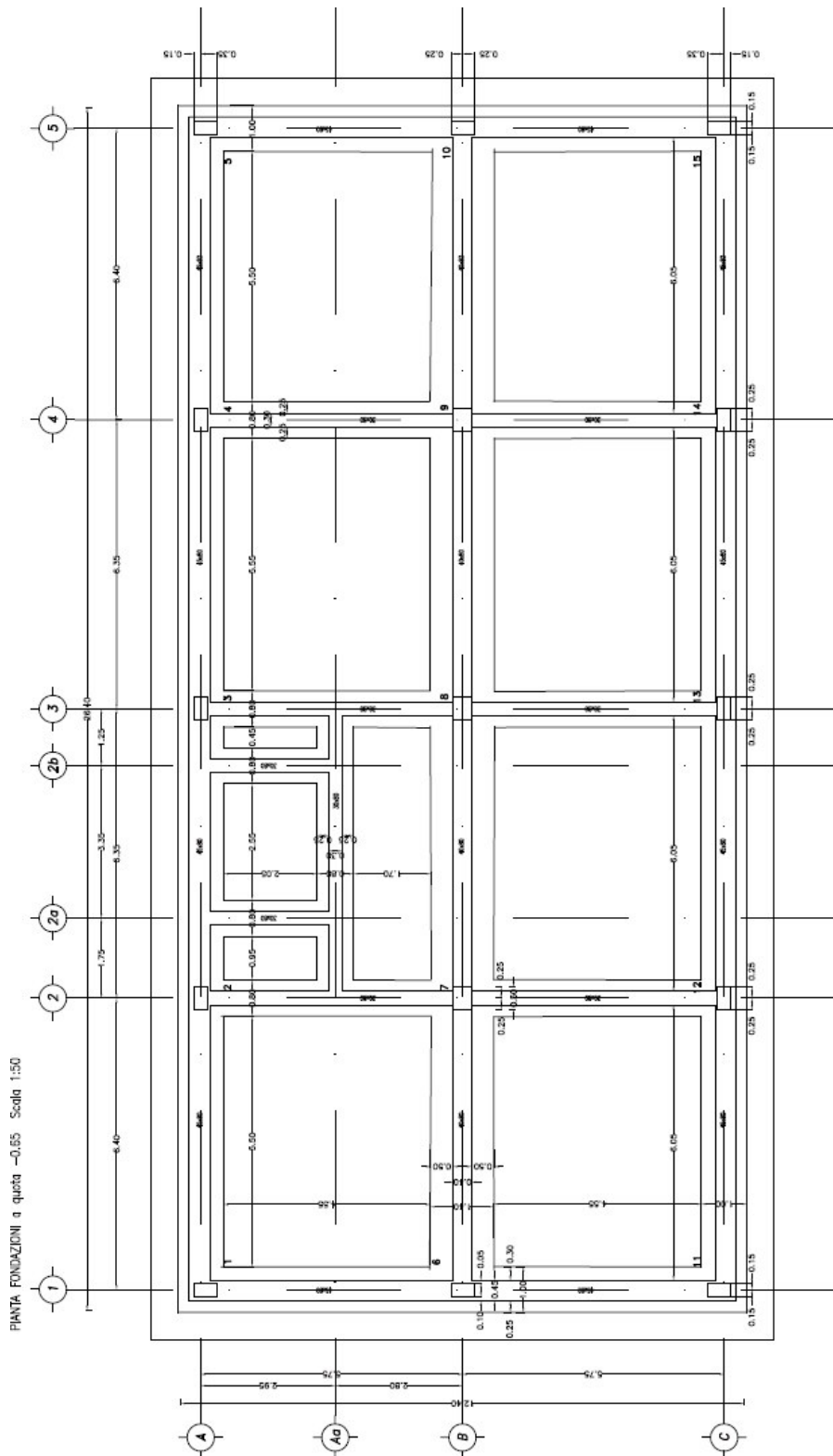


Fig.1- Sezione trasversale



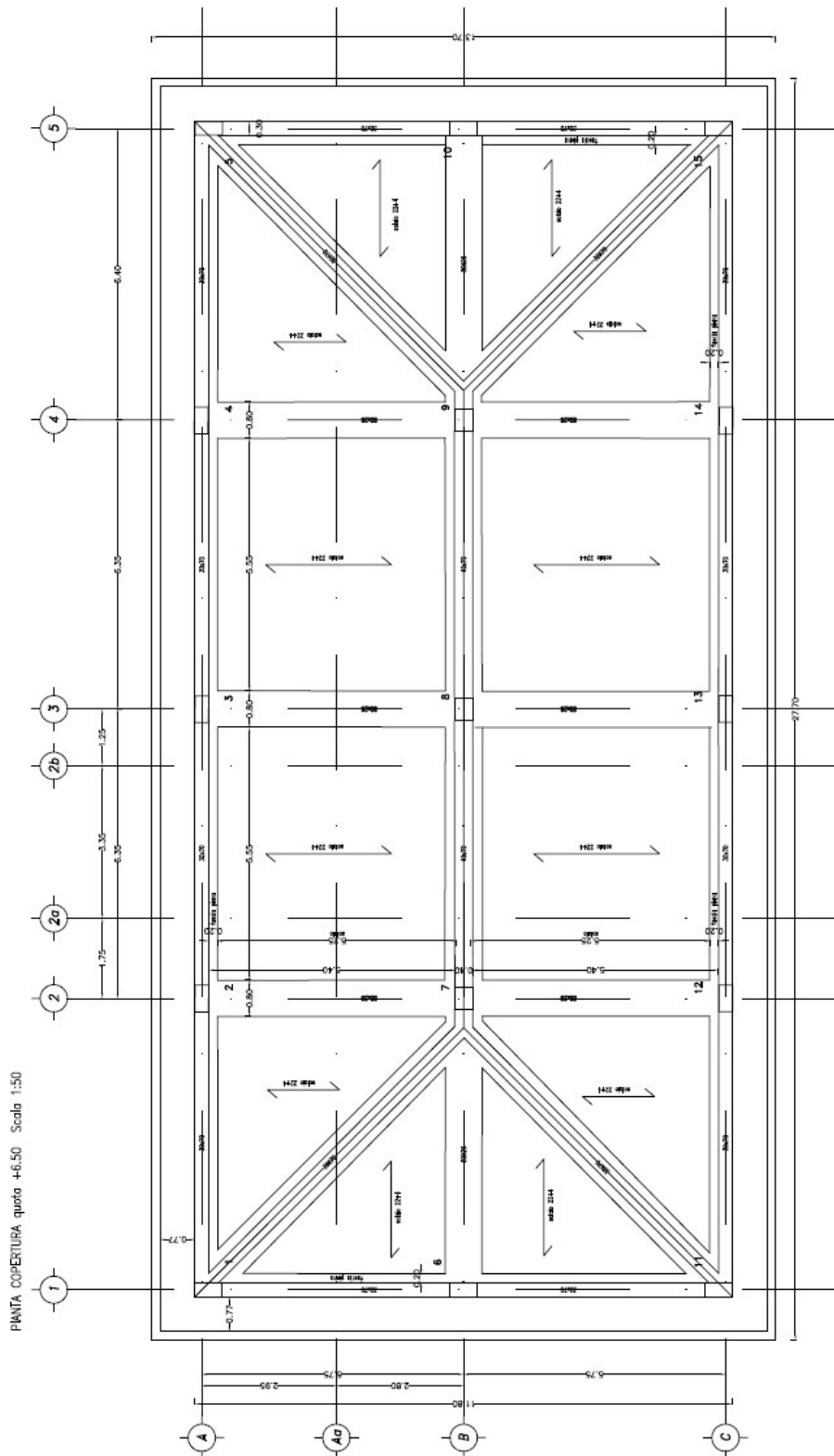



Fig. 3 – Pianta copertura

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3 **NORMATIVA DI RIFERIMENTO**

Il dimensionamento, le analisi e le verifiche delle strutture sono state condotte in accordo con le seguenti disposizioni normative:

- Legge n° 1086 del 05/11/1971
“Norme per la disciplina delle opere in conglomerato cementizio armato, normale e precompresso ed a struttura metallica”.
- Legge n° 64 del 02/2/1974
“Provvedimenti per le costruzioni con particolari prescrizioni per le zone sismiche
- Ordinanza del 20/3/2003 n. 3274 e s.m.i.
“Primi elementi in materia di criteri generali per la classificazione sismica del territorio nazionale e di normative tecniche per le costruzioni in zona sismica”.
- D.C.R. Regione Veneto 03/12/2003 n. 67
Allegato 1 – Elenco dei comuni classificati in zona sismica.
- Decreto Ministeriale 14/1/2008
“Norme tecniche per le costruzioni”.
- Circolare 02/2/2009, n°617
Istruzioni per l'applicazione delle “Nuove norme tecniche per le costruzioni” di cui al D.M. 14/1/2008
- UNI – EN 206-1: 2206
Calcestruzzo - Parte 1: Specificazione, prestazione, produzione e conformità.
- UNI 11104: 2004
Calcestruzzo - Specificazione, prestazione, produzione e conformità – Istruzioni complementari per l'applicazione della EN 206-1..

4 **VITA NOMINALE E CLASSE D'USO DELL'OPERA**

Con riferimento alla destinazione d'uso e alle conseguenze di un'eventuale interruzione di operatività o collasso del fabbricato, sono stati definiti i parametri di base della progettazione strutturale, con particolare riguardo all'azione sismica (punto 2.4 NTC 2008):

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- “vita nominale” $V_N = 100$ anni
- “classe d’uso” III, con coefficiente d’uso $C_U = 1,5$
- “periodo di riferimento per l’azione sismica”: $V_R = V_N \times C_U = 150$ anni.

5 CARATTERISTICHE DEI MATERIALI

Le caratteristiche dei materiali previsti per la realizzazione delle strutture sono:

- Conglomerato cementizio magro per getti di sottofondo e livellamento: C 12/15
- Conglomerato cementizio per fondazioni: C 25/30
- Conglomerato cementizio pilastri: C 32/40
- Conglomerato cementizio per travi, catena, monaco e solai: C 28/35
- Conglomerato cementizio per cornicione: C 32/40
- Armatura per calcestruzzo armato: B450 C

sulle quali si riportano alcune considerazioni esplicative in merito al criterio di scelta, operata sulla base dei requisiti di resistenza e durabilità delle strutture.

Per il magrone non ci sono particolari esigenze di resistenza e durabilità; pertanto gli sono state attribuite la classe di esposizione X0 tipica delle strutture non armate e la classe di consistenza S3 tipica di getti che non presentano difficoltà di compattazione nella posa in opera. Per le fondazioni è adottata la classe di resistenza C 25/30 che soddisfa in pari misura sia le esigenze statiche che di durabilità; essendo interrate e a contatto con l’acqua assorbita dal terreno circostante per lunghi periodi di tempo, le fondazioni sono esposte al rischio di corrosione delle armature per carbonatazione del cls, con classe di esposizione XC2. Pilastri, travi in elevazione e solaio non presentano particolari rischi di esposizione ambientale dal momento che risultano interni al fabbricato oppure adeguatamente protetti, i pilastri dalla muratura di rivestimento, le travi e il solaio dalla impermeabilizzazione e dal manto di copertura; per questi elementi la classe del calcestruzzo è determinata dalle esigenze statiche,


come si vedrà più avanti nei calcoli. Viceversa, per il cornicione risulta prevalente l'esigenza di garantirne la durabilità in quanto ciclicamente asciutto e bagnato e quindi esposto al rischio di corrosione delle armature per carbonatazione con classe di esposizione XC4; da qui la prescrizione del calcestruzzo C32/40 pur trattandosi di una struttura secondaria.

La seguente tabella riporta il dettaglio delle caratteristiche prescritte.

CALCESTRUZZO - (D.M.14.01.2008 - UNI EN 206/1:2006 - UNI 11104:2004)											
	CLASSE DI RESISTENZA ADOTTATA	CLASSE DI ESPOSIZIONE	MAX RAPPORTO A/C	MIN CONTENUTO CEMENTO (kg/mc)	CEMENTO TIPO - CEM	MIN CONTENUTO D'ARIA (%)	MAX CONTENUTO CLORURI (%)	MAX DIMENSIONE INERTI (mm)	CLASSE DI CONSISTENZA	MIN COPRIFERRO NETTO (mm)	CLASSE DI RESISTENZA MINIMA PER ESPOSIZIONE
MAGRONE	C 12/15	XD	0,60	200	II - 42,5	-	1,0	30	S3	-	C 12/15
FONDAZIONI	C 25/30	XC2	0,60	300	II - 42,5	-	0,2	25	S4	40	C 25/30
PILASTRI	C 32/40	XC3	0,55	320	II - 42,5	-	0,2	25	S4	40	C 28/35
TRAVI , CATENA E SOLAIO	C 28/35	XC3	0,55	320	II - 42,5	-	0,2	25	S4	40	C 28/35
CORNICIONE	C 32/40	XC4	0,50	340	II - 42,5	-	0,2	25	S4	45	C 32/40

ACCIAIO di armatura - (D.M.14.01.2008)			
per C.A. normale in BARRE, RETI E TRALICCI	B450C	$\phi \geq 6$ mm $\phi \leq 40$ mm	
f_{tk}	\geq	540	N/mm ²
f_{yk}	\geq	450	N/mm ²

Tabella 1: Caratteristiche dei materiali

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Per le strutture in condizioni ambientali ordinarie (XC2: fondazioni e XC3: pilastri, travi, catena, solaio) è indicato il copriferro netto di 40 mm sulla barra più esterna, che risulta maggiorato di 10 mm rispetto a quello minimo di normativa (25 mm: $C_{min} = C25/30$, ambiente ordinario, elementi monodimensionali) in relazione alla vita nominale di 100 anni richiesta per l'opera e di ulteriori 5 mm per le tolleranze di posa; queste sono da ritenersi minime per costruzioni sottoposte a controllo di qualità in cantiere tra le quali verosimilmente rientra anche l'intervento in esame. Analogamente, per il cornicione, in condizioni ambientali aggressive (XC4), è indicato il copriferro netto di 45 mm sulla barra più esterna, che risulta maggiorato di 10 mm rispetto a quello minimo di normativa (30 mm: $C_{min} = C25/30$, ambiente aggressivo, elementi bidimensionali) benché ne sia prevista l'impermeabilizzazione in estradosso, e di ulteriori 5 mm per le tolleranze di posa. In ogni caso il copriferro adottato garantisce la protezione delle armature, peraltro di piccolo/medio diametro e quindi ben avvolte dal calcestruzzo, e di allungare il tempo impiegato dalle sostanze potenzialmente aggressive a raggiungerle, favorendo così la durabilità dell'opera.

Nella tabella sono anche indicati il diametro massimo degli inerti di 25 mm e la classe di consistenza S4. Quest'ultima è ritenuta la più idonea a garantire la lavorabilità necessaria affinché il calcestruzzo possa sviluppare la resistenza prevista anche attraverso un'efficace compattazione, operazione che in quest'opera risulta agevolata essendo i getti frazionati in modesti volumi, eseguiti all'interno di elementi mediamente armati e in spessori generalmente contenuti ma non troppo sottili.

6 PARAMETRI GEOTECNICI

Per quanto riguarda i criteri di scelta dei parametri geotecnici del terreno da impiegare per la fondazione superficiale di quest'opera, si osserva che il fabbricato sorge sul rilevato di piazzale alto 1,45 m sul piano di campagna e che il progetto geotecnico prevede uno strato di bonifico di 2,40 m al di sotto del piano di campagna. Considerato che il piano d'appoggio è posto a 1,05 m al di sotto del piano finito (0,00)

del piazzale, ne consegue che al di sotto del piano di appoggio delle fondazioni è presente uno strato di 2,80 m di materiale riportato; quindi il terreno di appoggio è costituito dal rilevato e le tensioni indotte dalla fondazione superficiale si sviluppano interamente all'interno dello strato riportato, bonifico più rilevato, senza interessare il terreno in situ. La situazione è schematicamente illustrata nella seguente figura.

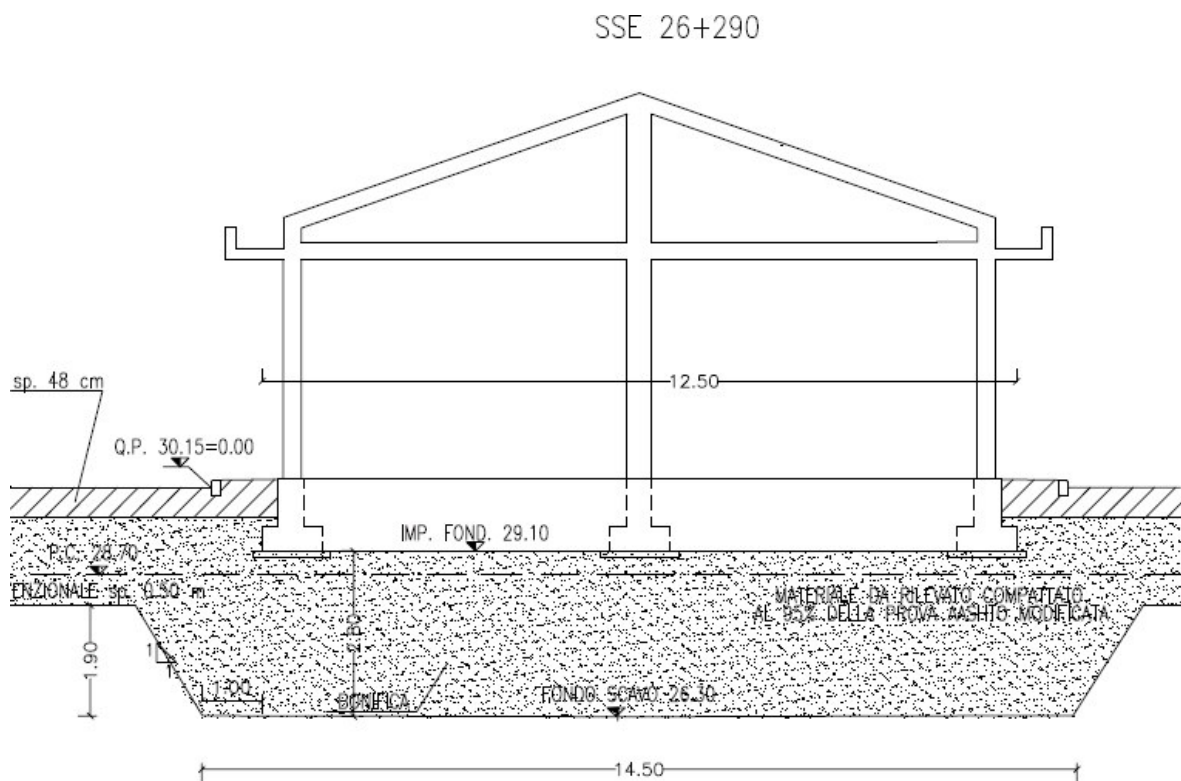



Fig. 4 – Sezione geotecnica

Per la costruzione del rilevato saranno adottati materiali e tecnologie atti a garantirne le elevate prestazioni richieste dall'esercizio ferroviario. Per le verifiche geotecniche del fabbricato saranno considerate cautelativamente le seguenti caratteristiche tipiche del materiale da rilevato e da bonifico:

$\gamma = 19 \text{ kN/m}^3$ peso di volume

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$c' = 0$ kPa	coesione drenata
$\varphi' = 35^\circ$	angolo di attrito interno
$K_w = 10000$ kN/m ³	costante elastica di Winkler

Essendo sopraelevato sul piano di campagna, il piano di fondazione dell'opera risulta sicuramente non interessato dalla falda.

7 ANALISI DELLE AZIONI

Le azioni considerate nel calcolo della struttura sono le seguenti:


- pesi propri dei materiali strutturali;
- carichi permanenti non strutturali;
- carichi variabili dovuti alla destinazione d'uso;
- azione della neve;
- azione del vento;
- azione sismica.

stimate in conformità alla normativa di riferimento e di seguito valutate nel loro valore unitario per le azioni statiche e nei parametri fondamentali per le azioni sismiche.

7.1 AZIONI STATICHE

7.1.1 PESI PROPRI STRUTTURALI (G1)

- | | |
|---------------------------------------|-------------------------|
| - Calcestruzzo armato | 25,00 kN/m ³ |
| - Solaio di copertura (H=22+4) cm | 3,20 kN/m ² |
| - Calcestruzzo "leggero" per massetti | 15,00 kN/m ³ |
| - Calcestruzzo ordinario per massetti | 24,00 kN/m ³ |
| - Vespaio in pietrame o ciottoli | 16,00 kN/m ³ |
| - Misto di sabbia e cemento | 20,00 kN/m ³ |

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7.1.2 CARICHI PERMANENTI NON STRUTTURALI (G2)

Copertura

- massetto di livellamento in cls "leggero" (s=2 cm)	0,30 kN/m ²
- pannello coibentazione	0,20 kN/m ²
- guaina impermeabilizzazione	0,20 kN/m ²
- manto di copertura	0,80 kN/m ²
- intonaco in intradosso	0,30 kN/m ²
totale	1,80 kN/m ²

Cornicione

- massetto pendenze in cls "leggero" (s=6,5 cm medio)	1,00 kN/m ²
- guaina impermeabilizzazione	0,20 kN/m ²
totale	1,20 kN/m ²

Calpestio (quota parte al di sopra delle ali esterne delle travi perimetrali a T rovescia)

- vespaio in pietrame (s=60 cm)	9,60 kN/m ²
- massetto in cls armato (s=10 cm)	2,50 kN/m ²
- allettamento (s= 6,5 cm)	1,30 kN/m ²
- pavimento in piastrelle cemento (3,5 cm)	0,90 kN/m ²
totale	14,30 kN/m ²

Calpestio (quota parte al di sopra delle ali interne delle travi a T rovescia)

- vespaio in pietrame (s=60 cm)	9,60 kN/m ²
- livellamento di sabbia e cemento (s=5 cm)	1,00 kN/m ²
- massetto in cls armato (s=20 cm)	5,00 kN/m ²
- massetto di sottofondo in cls (s=14 cm)	1,80 kN/m ²
- pavimento in piastrelle (1 cm)	0,20 kN/m ²
totale	17,60 kN/m ²

Calpestio (quota parte al di sopra dell'anima delle travi rovesce interne)

- massetto di sottofondo in cls ordinario (s=7,5 cm)	1,80 kN/m ²
- pavimento in piastrelle (1 cm)	0,20 kN/m ²
totale	2,00 kN/m ²

Calpestio (quota parte al di sopra delle travi di fondazione interne)

- Carico impianti fissi uniformemente distribuito	5,00 kN/m ²
---	------------------------

Muratura di tamponamento perimetrale

- blocchi di cls splittati (s=20 cm)	2,55 kN/m ²
- pannelli coibentazione (s=5 cm)	0,15 kN/m ²
- blocchi di cls standard (s=15 cm)	2,00 kN/m ²
- intonaco interno	0,30 kN/m ²
totale	5,00 kN/m ²

Muratura divisoria interna

- blocchi di cls standard (s=15 cm)	2,00 kN/m ²
- intonaco su due lati	0,60 kN/m ²
totale	2,60kN/m ²


7.1.3 CARICHI VARIABILI (Q_K)

Copertura

- Carico uniformemente distribuito	0,50 kN/m ²
- Carico concentrato, per verifiche locali	1,20 kN su impronta di 50x50 cm

7.1.4 CARICO DELLA NEVE (Q_N)

Il sovraccarico della neve sulle coperture è stato determinato in funzione del luogo di ubicazione e delle caratteristiche del fabbricato, con l'espressione:

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$$q_s = \mu_1 \times q_{sk} \times C_e \times C_t$$

con i parametri di seguito specificati:

μ_1 = coefficiente di forma della copertura (due falde con $\alpha < 30^\circ$)	0,8
q_{sk} = valore caratteristico del carico della neve	
per il sito in esame (provincia di Verona), zona II, quota <200 m slm	1,00 kN/m ²
C_e = coefficiente di esposizione	1,0
C_t = coefficiente termico	1,0

Ne deriva un carico di neve, riferito alla proiezione orizzontale della copertura, generalmente pari a: $q_s = 0,8 \times 1,00 \times 1,0 \times 1,0 = 0,80$ kN/m².

Si considera l'eventualità che il cornicione possa riempirsi completamente di neve. Assumendo un peso specifico convenzionale della neve di 2,00 kN/m³ ed essendo la veletta alta 65 cm (al finito), si valuta che sul cornicione agisca un sovraccarico di neve di 1,30 kN/m².

7.1.5 AZIONE DEL VENTO (Q_v)


L'azione del vento è assimilata ad una azione statica equivalente applicata normalmente alle superfici esposte, considerando i casi di pressione e depressione, con la:

$$p = q_b \times C_e \times C_p \times C_d$$

con i parametri di seguito specificati:

$$q_b = \text{pressione cinetica di riferimento} = \frac{1}{2} \times \rho \times v_b^2 = 440 \text{ N/m}^2$$

essendo

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ρ è la densità dell'aria assunta pari a $1,25 \text{ kg/m}^3$

v_b è la velocità di riferimento del vento; per il sito in esame (Veneto, zona 1, altitudine inferiore a 1000 m s.l.m.) vale 25 m/s se riferita ad un periodo di ritorno di 50 anni; per un periodo di ritorno di 150 anni detto valore moltiplicato per $\alpha_R = 1,061$ e quindi $v_b = 25 \times 1,061 = 26,53 \text{ m/s}$

c_e = coefficiente di esposizione

il sito in esame

distanza dal mare > 30 km, altitudine < 500 m, classe di rugosità del terreno D, risulta nella categoria di esposizione II, con i seguenti parametri:

$$k_r = 0,19 \quad z_0 = 0,05 \text{ m} \quad z_{\min} = 4 \text{ m}$$

e il coefficiente di topografia $c_t = 1$

Assumendo l'altezza del fabbricato al colmo della copertura, $z = 7,30 \text{ m}$, si determina

$$c_e = k_r^2 c_t \ln(z/z_0) \times [(7 + c_t \ln(z/z_0))] = 2,16$$

c_p = coefficiente di forma

pareti sopravvento: 0,8; pareti sottovento e copertura: -0,4; interno: $\pm 0,2$

c_d = coefficiente dinamico: 1,0

In definitiva si ottengono i seguenti valori della pressione del vento:


$$\text{parete sopravvento: } p = 0,440 \times 2,16 \times 0,8 \times 1,0 = 0,76 \text{ kN/m}^2$$

$$\text{parete sottovento: } p = -0,440 \times 2,16 \times 0,4 \times 1,0 = -0,38 \text{ kN/m}^2$$

$$\text{interno: } p = \pm 0,440 \times 2,16 \times 0,2 \times 1,0 = \pm 0,19 \text{ kN/m}^2$$

$$\text{copertura: } p = -0,440 \times 2,16 \times 0,4 \times 1,0 = -0,38 \text{ kN/m}^2$$

Si osserva che l'azione del vento sulla copertura ha segno opposto e valore di gran lunga inferiore ai carichi gravitazionali e quindi può essere trascurata. Si osserva inoltre che la pressione esterna ed interna può dar luogo a due diverse situazioni per gli effetti locali sulle pareti:

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sopravento $(0,76+0,19)= 0,95 \text{ kN/m}^2$ sottovento $(-0,38+0,19)= -0,19 \text{ kN/m}^2$
sopravento $(0,76-0,19)= 0,57 \text{ kN/m}^2$ sottovento $(-0,38-0,19)= -0,57 \text{ kN/m}^2$
mentre per l'effetto globale sulla struttura si può considerare la situazione intermedia:
sopravento: $0,76 \text{ kN/m}^2$ sottovento: $-0,38 \text{ kN/m}^2$

7.1.6 AZIONE SISMICA (E)

Il Comune sede dell'opera è classificato in zona sismica 3 (D.C.R. Veneto 67/2003).
Il quadro di riferimento adottato per l'azione sismica è completamente definito nella Relazione sismica di progetto, la quale, anche per i fabbricati tecnologici, prevede: la "vita nominale" $V_N = 100$ anni; la "classe d'uso" III, con coefficiente d'uso $C_U = 1,5$; il "periodo di riferimento": $V_R = V_N \times C_U = 150$ anni.

Sulla base di questi dati e sulla base delle coordinate specifiche del sito in esame:


Longitudine: 11,1955 Latitudine: 45,2423

utilizzando gli spettri di normativa, sono stati ricavati i parametri sismici per le verifiche dell'opera nei diversi stati limite; si tratta di: accelerazione orizzontale massima riferita al suolo rigido " a_g "; fattore di amplificazione dello spettro in accelerazione orizzontale " F_0 "; periodo di inizio del tratto a velocità costante dello spettro in accelerazione orizzontale " T_c^* "; i parametri sono riassunti nella seguente tabella:

STATO LIMITE	T_R [anni]	a_g [g]	F_0 [-]	T_c^* [s]
SLO	90	0,052	2,530	0,280
SLD	151	0,063	2,591	0,283
SLV	1424	0,148	2,515	0,302
SLC	2475	0,181	2,477	0,306

Tabella 2: Parametri a_g , F_0 , T_c^* in funzione degli stati limite, al variare del periodo di ritorno T_R

L'azione sismica così individuata viene corretta per tener conto delle effettive condizioni locali, stratigrafiche (categoria di sottosuolo "D") e topografiche (superficie

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pianeggiante), attraverso i coefficienti correttivi che amplificano l'accelerazione riferita al suolo rigido determinando l'accelerazione di progetto: $a_{max} = Sx a_g (T=0)$:

STATO LIMITE	Coefficiente stratigrafico S_S	Coefficiente topografico S_T	Coefficiente di sito $S = S_S \times S_T$	$a_g(g)$	$a_{max}(g)$
SLO	1,800	1,0	1,800	0,052	0,094
SLD	1,800	1,0	1,800	0,063	0,114
SLV	1,800	1,0	1,800	0,148	0,267
SLC	1,728	1,0	1,728	0,181	0,313

Tabella 3: Coefficienti correttivi locali e accelerazioni massime

Gli stati limite adottati per la verifica sismica sono:

- SLV (stato limite di salvaguardia della vita), per le verifiche delle strutture nei riguardi degli stati limite ultimi (SLU);
- SLD (stato limite di danno), per le verifiche delle strutture agli stati limite di esercizio (SLE) in termini di resistenza;
- SLO (stato limite di operatività), per le verifiche delle strutture agli stati limite di esercizio (SLE) in termine di contenimento del danno agli elementi non strutturali (e degli impianti in termini di mantenimento della funzionalità);

a ciascuno dei quali è associata una probabilità (crescente) di superamento dell'evento nel periodo di riferimento P_{VR} . Nelle figure 5, 6 e 7, alle pagine seguenti, si riportano i corrispondenti spettri elastici.

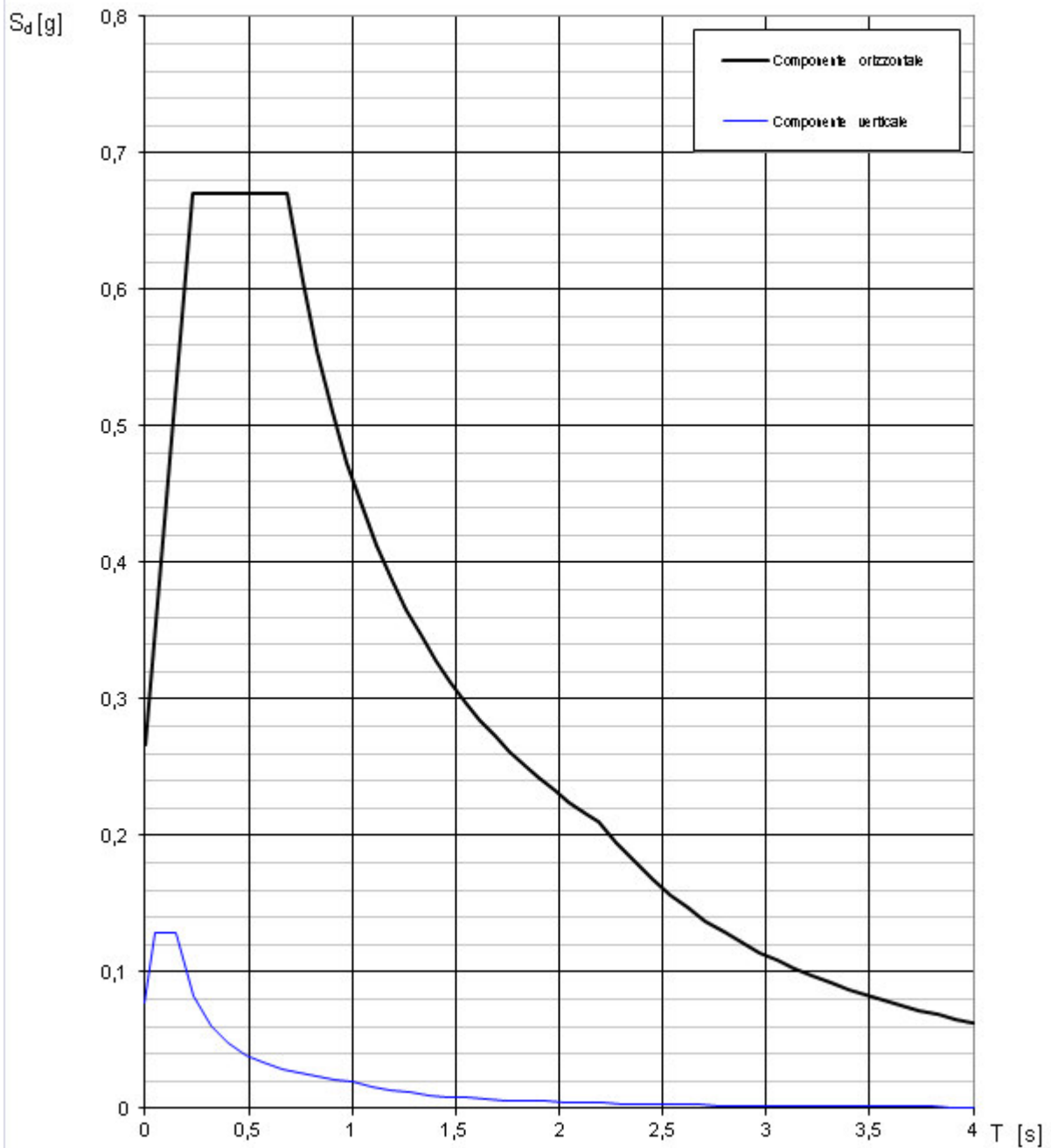


Figura 5: Spettro elastico SLV

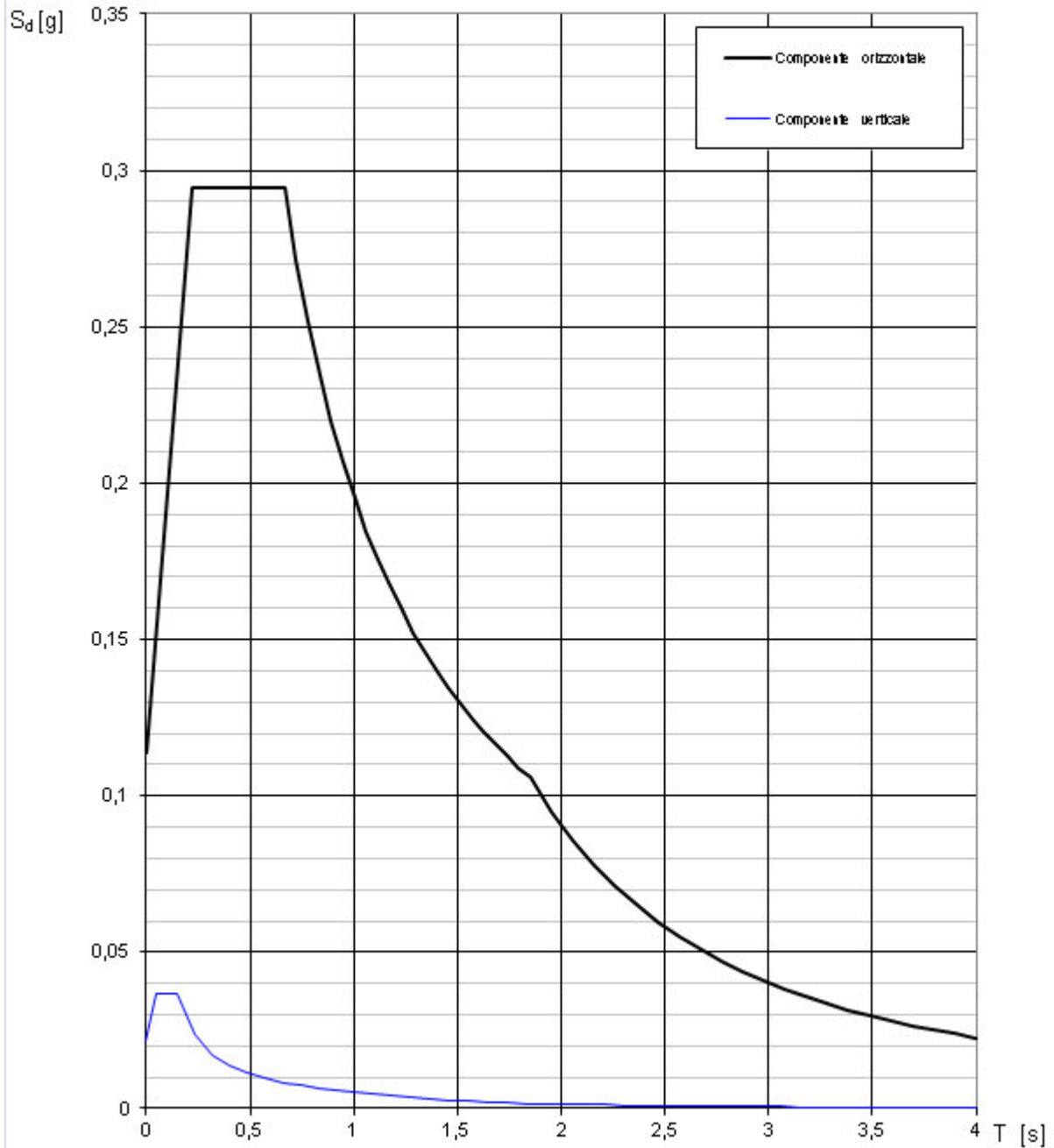


Figura 6: Spettro elastico SLD

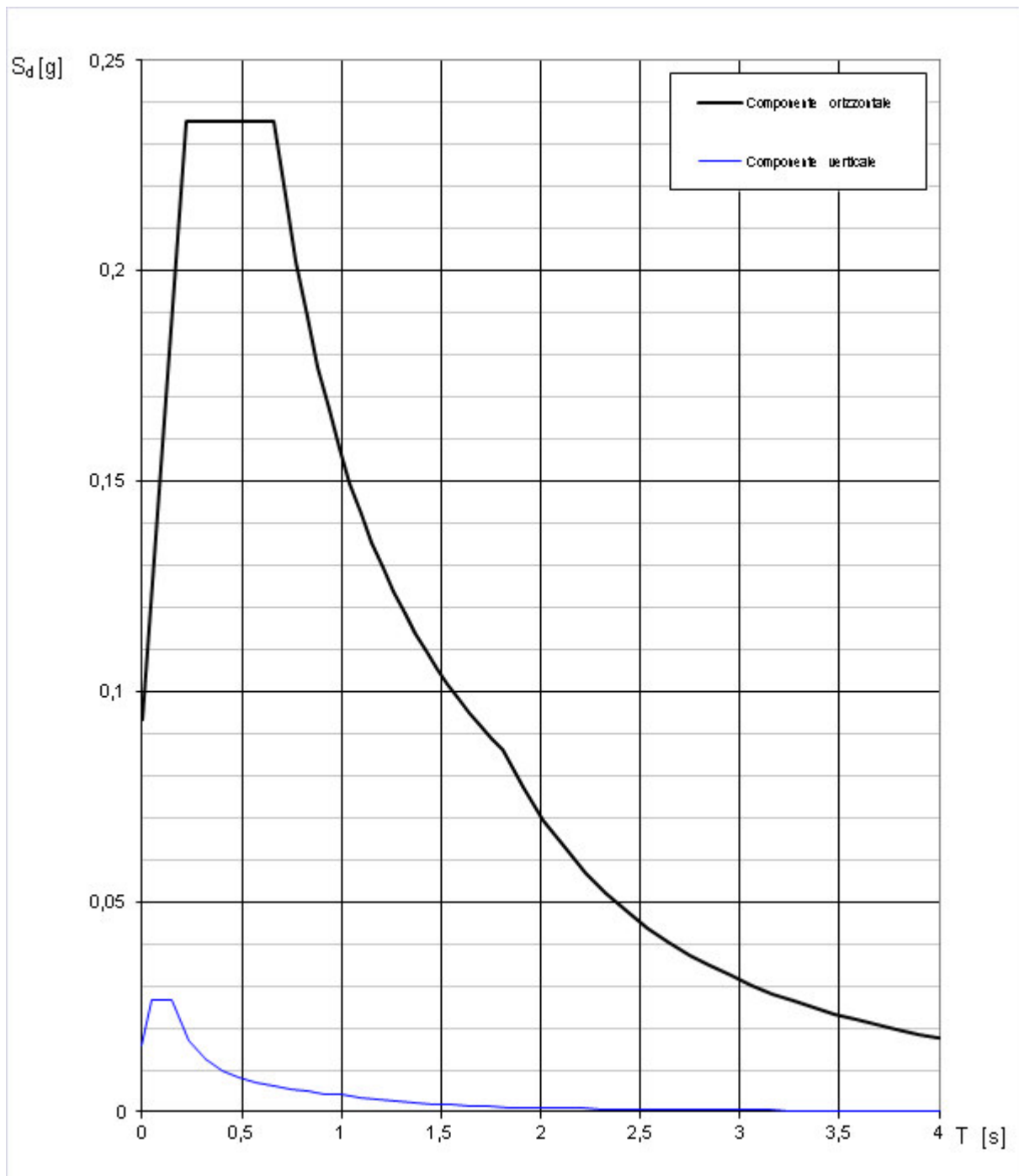



Figura 7: Spettro elastico SLO

La risposta alle azioni sismiche viene calcolata separatamente per due componenti orizzontali tra loro ortogonali mentre la componente verticale non viene considerata in

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quanto la costruzione sorge in Zona 3 (vedi 3.2.3.1 e 7.2.1 NTC 2008). In ogni caso, come si vedrà, le catene assorbono la spinta dovuta alla pendenza della copertura.

Gli effetti delle due componenti sono poi combinati con la:

$$(1,00 E_x + 0,30 E_y)$$

con rotazione dei coefficienti moltiplicativi per l'individuazione degli effetti più gravosi.

Lo spettro di progetto per le verifiche delle strutture agli stati limite ultimi (SLU) viene ottenuto a partire dallo spettro elastico SLV prima riportato, ridotto secondo un fattore di struttura specifico per la struttura in esame. In questo caso si considerano i seguenti parametri di calcolo:

- tipologia strutturale: struttura in c.a. a telaio di un piano
- classe di duttilità: B
- coefficiente di base: 3,0
- rapporto di duttilità: $\alpha_u/\alpha_1 = 1,1$ (costruzione regolare in pianta)
- fattore riduttivo: $k_R = 1,0$ (costruzione regolare in altezza)

dai quali risulta il fattore di struttura:

$$q = q_0 \times k_R = 3,0 \times 1,1 \times 1,0 = 3,30$$

per ciascuna direzione del sisma orizzontale. Per l'azione sismica verticale il coefficiente di struttura è $q = 1,5$.

Di seguito si riporta lo spettro di progetto SLV:

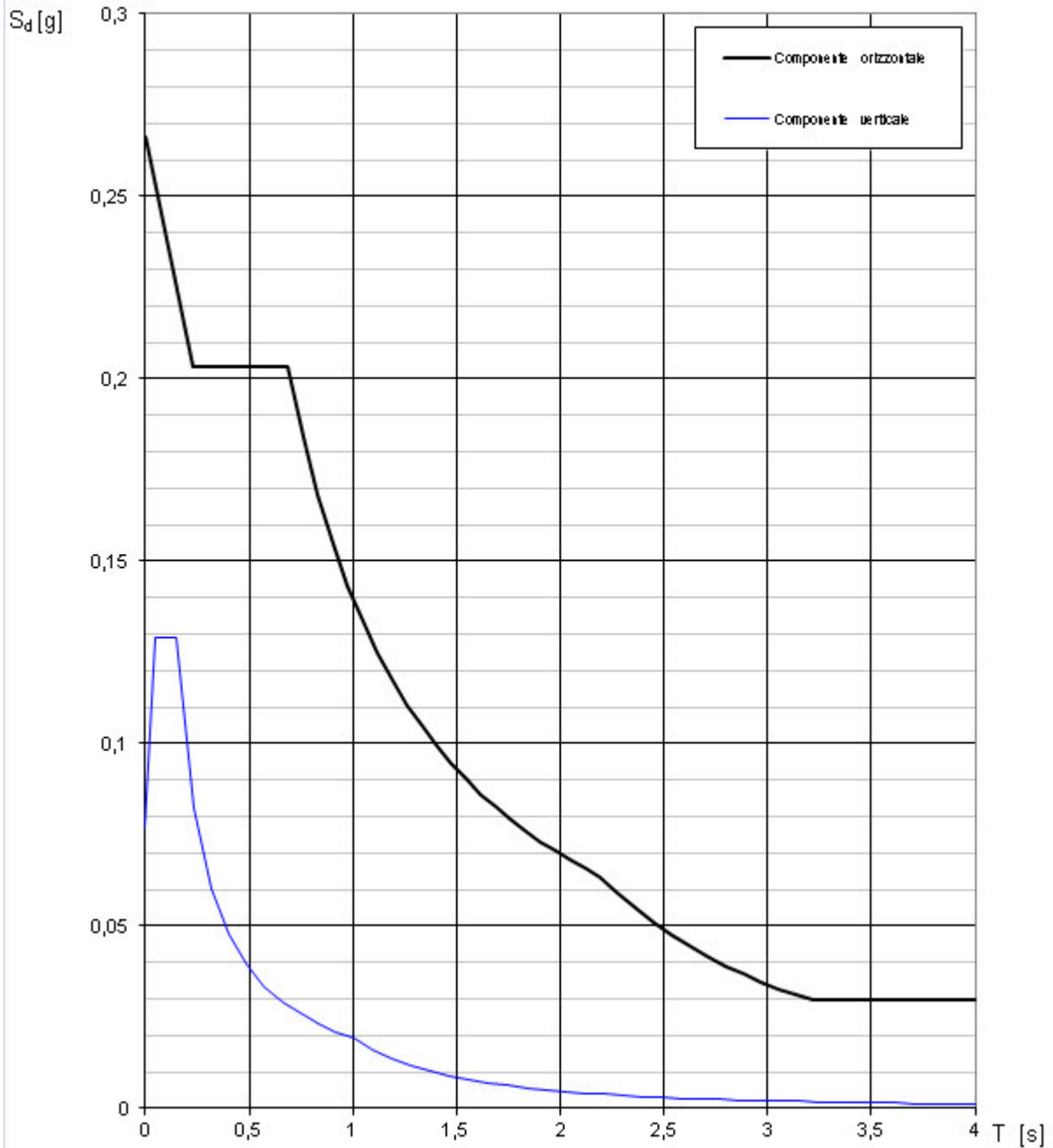


Figura 8: Spettro di progetto SLV, SLU delle strutture

Lo spettro di progetto per le verifiche agli stati limite di esercizio (SLE) delle strutture in termini di resistenza viene ottenuto a partire dallo spettro elastico SLD prima riportato, ridotto secondo un fattore di struttura $q=1/\eta=1/(2/3)=1,5$, di seguito riportato:

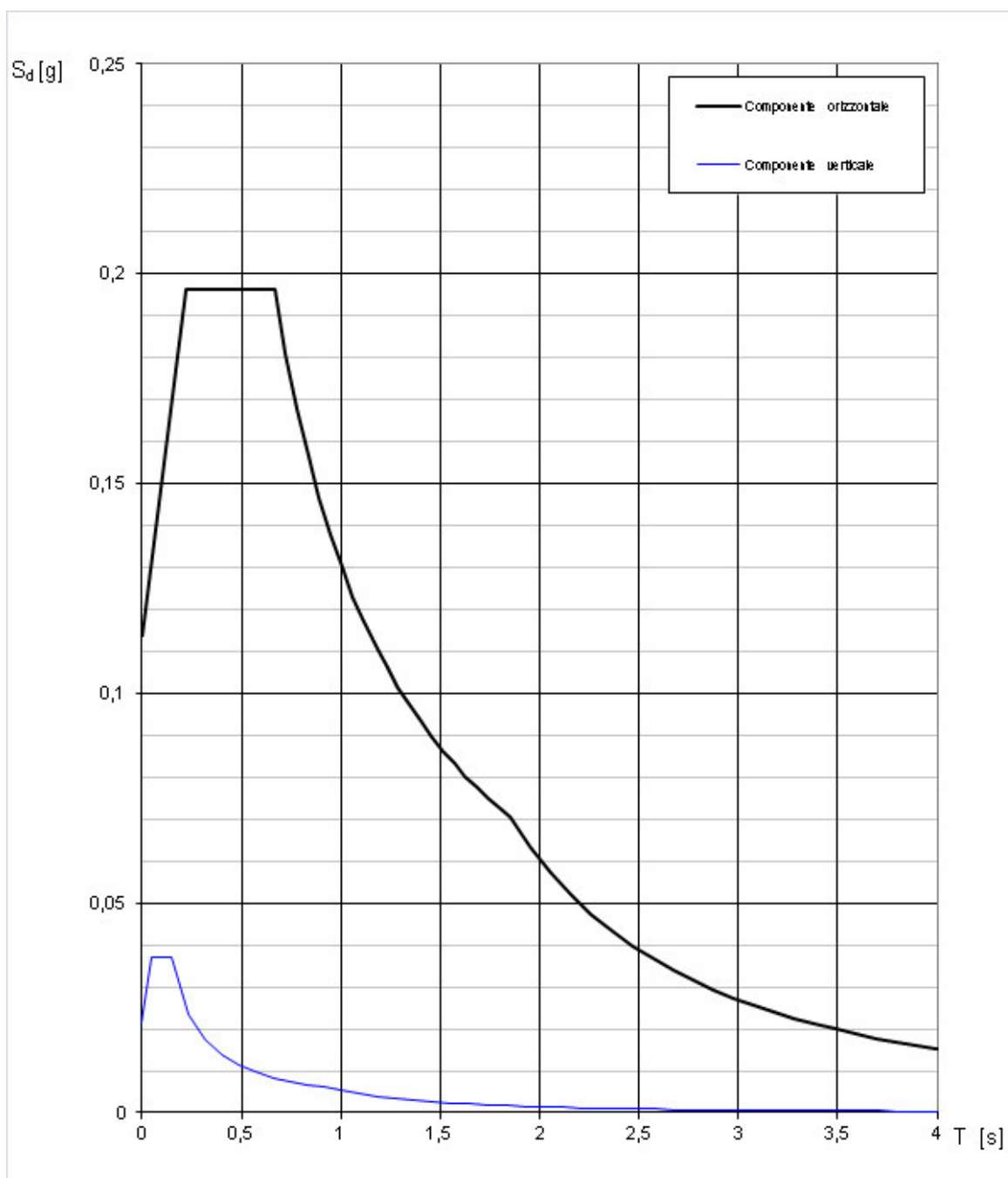



Figura 9: Spettro di progetto SLD, SLE delle strutture in termini di resistenza

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Per le verifiche agli stati limite di esercizio (SLE) delle strutture in termini di contenimento del danno agli elementi non strutturali (e degli impianti interni di mantenimento della funzionalità) lo spettro di progetto coincide con quello elastico SLO prima riportato.

8 COMBINAZIONI DELLE AZIONI

Le azioni elementari prima analizzate vengono combinate in modo da determinare le condizioni più gravose per ciascuna verifica, secondo le contemporaneità prescritte dalla Normativa vigente.

Per le verifiche strutturali e geotecniche agli stati limite ultimi per azioni statiche e per gli stati limite ultimi e di esercizio connessi all'azione sismica vengono considerate le seguenti combinazioni:

- Fondamentale (SLU) (2.5.1 del DM/08)
- Sismica (2.5.5 del DM/08)

seguendo l'Approccio 2: (A1 + M1 + R3), con i coefficienti parziali riassunti nelle seguenti tabelle:

AZIONE		Coeff. Parziale $\gamma_E - A1$ (STR)
Permanente sfavorevole	γ_{G1}	1,30
Permanente favorevole		1,00
Permanente non strutturale sfavorevole	γ_{G2}	1,30 (v. precisazioni seguenti)
Permanente non strutturale favorevole		0.00
Variabile sfavorevole	γ_Q	1.50
Variabile favorevole		0.00

Tabella 4: Coefficienti parziali per le azioni – Rif. Tab. 2.6.I del DM 14/1/2008

PARAMETRO		Coefficiente
		M1
Tangente angolo di resistenza al taglio	$\tan \phi'_k$	1.00
Coesione efficace	c'_k	1.00
Resistenza non drenata	c_{uk}	1.00
Peso dell'unità di volume	γ	1.00

Tabella 5: Coefficienti parziali per i parametri geotecnici – Rif. Tab. 6.2.II del DM 14/1/2008

VERIFICA	COEFF. PARZIALE γ_r
	R3
Capacità portante	2,3
Scorrimento	1,1


Tabella 6: Coefficienti parziali per fondazioni superficiali – Rif. Tab. 6.4.I del DM 14/1/2008

e con le seguenti precisazioni:

- nelle combinazioni impiegate per le verifiche strutturali, il coefficiente γ_r non viene portato in conto, quindi combinazione (A1 + M1);
- per i permanenti portati si è assunto lo stesso coefficiente dei permanenti strutturali in quanto compiutamente definiti; si tratta infatti delle finiture della copertura e delle murature poste direttamente sulle travi di fondazione che non presentano aleatorietà e non sono suscettibili di significative modifiche nel tempo;
- per le combinazioni sismiche, i coefficienti parziali non nulli della Tab. 4 (azioni A1) saranno posti uguale a 1;
- per le combinazioni sismiche risultano nulli tutti i coefficienti di combinazione Ψ_2 della successiva Tab. 7 e quindi si esclude la contemporaneità del sisma con i sovraccarichi accidentali.

Per le verifiche strutturali agli stati limite di esercizio per azioni statiche vengono considerate le seguenti combinazioni:

- Caratteristica (rara) (SLE) (2.5.2 del DM/08) per le tensioni nei materiali

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- Frequente (2.5.3 del DM/08) per la fessurazione
 - Quasi permanente (2.5.4 del DM/08) per la fessurazione
- con i coefficienti di combinazione riassunti nella seguente tabella:

AZIONE	COEFF. DI COMBINAZIONE		
	Ψ_0	Ψ_1	Ψ_2
Categoria H Coperture	0,0	0,0	0,0
Vento	0,6	0,2	0,0
Neve (a quota < 1000 m s.l.m.)	0,5	0,2	0,0

Tabella 7: Coefficienti di combinazione per le azioni variabili – Rif. Tab. 2.5.I.del DM 14/1/2008

Il dettaglio delle combinazioni considerate viene esposto nella seguente tabella, separatamente per quelle statiche e sismiche.

COMBINAZIONE		AZIONE					
Numero	Nome	Perm. Strutture G1	Perm. Portati G2	Acc. H Copert. Qk	Neve Qn	Vento direz. X Qv, X	Vento direz. Y Qv, Y
da 1 a 8, azioni statiche elementari							
9	SLU 1	1,3	1,3	1,5	0,75	0,9	0
10	SLU 2	1,3	1,3	1,5	0,75	-0,9	0
11	SLU 3	1,3	1,3	1,5	0,75	0	0,9
12	SLU 4	1,3	1,3	1,5	0,75	0	-0,9
13	SLU 5	1,3	1,3	0	1,5	0,9	0
14	SLU 6	1,3	1,3	0	1,5	-0,9	0
15	SLU 7	1,3	1,3	0	1,5	0	0,9
16	SLU 8	1,3	1,3	0	1,5	0	-0,9
17	SLU 9	1,3	1,3	0	0,75	1,5	0
18	SLU 10	1,3	1,3	0	0,75	-1,5	0
19	SLU 11	1,3	1,3	0	0,75	0	1,5
20	SLU 12	1,3	1,3	0	0,75	0	-1,5
21	SLE RA 1	1	1	1	0,5	0,6	0
22	SLE RA 2	1	1	1	0,5	-0,6	0
23	SLE RA 3	1	1	1	0,5	0	0,6
24	SLE RA 4	1	1	1	0,5	0	-0,6
25	SLE RA 5	1	1	0	1	0,6	0
26	SLE RA 6	1	1	0	1	-0,6	0
27	SLE RA 7	1	1	0	1	0	0,6
28	SLE RA 8	1	1	0	1	0	-0,6
29	SLE RA 9	1	1	0	0,5	1	0
30	SLE RA 10	1	1	0	0,5	-1	0
31	SLE RA 11	1	1	0	0,5	0	1
32	SLE RA 12	1	1	0	0,5	0	-1
33	SLE FR 1	1	1	0	0	0	0
34	SLE FR 2	1	1	0	0,2	0	0
35	SLE FR 3	1	1	0	0	0,2	0
36	SLE FR 4	1	1	0	0	-0,2	0
37	SLE FR 5	1	1	0	0	0	0,2
38	SLE FR 6	1	1	0	0	0	-0,2
39	SLE QP 1	1	1	0	0	0	0

NOTE:

- La numerazione delle combinazioni statiche coincide con quella del tabulato di calcolo.
- La CC 33 – SLE FR 1 risulta uguale alla CC 39 – SLE QP a causa del valore nullo del coefficiente parziale ψ_1 per il carico accidentale Qk.

Tabella 8a: Combinazioni considerate per gli stati limite da azioni statiche

COMBINAZIONE		AZIONE							
Numero	Nome	Perm. Strutture G1	Perm. Portati G2	Acc. H Copert. Qk	Neve Qn	Vento direz. X Qv, X	Vento direz. Y Qv, Y	Sisma orizz. X E, X	Sisma orizz. Y E, Y
da 40 a 43 azioni sismiche elementari									
vedi nota	SLV	1	1	0	0	0	0	+1 e -1	+0,3 e -0,3
	SLV	1	1	0	0	0	0	+0,3 e -0,3	+1 e -1
	SLD	1	1	0	0	0	0	+1 e -1	+0,3 e -0,3
	SLD	1	1	0	0	0	0	+0,3 e -0,3	+1 e -1
	SLO	1	1	0	0	0	0	+1 e -1	+0,3 e -0,3
	SLO	1	1	0	0	0	0	+0,3 e -0,3	+1 e -1

NOTA:

- Per la lista completa e la numerazione di dettaglio delle combinazioni sismiche si rinvia alla Tabella 11 del paragrafo 9.3


Tabella 8b: Combinazioni considerate per gli stati limite sismici (criterio generale)

9 ANALISI DELLO STATO DI SOLLECITAZIONE

9.1 MODELLO E CODICE DI CALCOLO

La struttura in esame è stata schematizzata con un telaio spaziale e sottoposta ad analisi numerica mediante il programma di calcolo automatico agli elementi finiti, codice GT STRUDL del Georgia Institute of Technology, revisione 2.5 del 2000.

Il modello è composto da elementi monodimensionali disposti secondo le linee d'asse della struttura reale e descritto in un sistema di riferimento cartesiano mediante le coordinate dei nodi, le incidenze delle aste, le caratteristiche geometriche degli elementi strutturali ed i materiali corrispondenti a quelli indicati negli elaborati grafici di progetto. Il modello comprende anche le travi rovesce di fondazione mentre la reattività verticale offerta dal terreno di base è stata modellata con molle alla Winkler con costante elastica $K_w = 10000 \text{ kN/m}^3$ determinata sulla base dei parametri geotecnici.

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Nelle seguenti figure è illustrato uno stralcio del modello di calcolo che si riferisce ai livelli della fondazione, delle catene e della copertura, con:

- in linea sottile nera la mesh, i fili strutturali della carpenteria, le misure in pianta e le quote (Z);
- Il sistema di riferimento OXY che ha origine nell'asse del pilastro 11 di carpenteria, asse X parallelo al lato maggiore del fabbricato e asse Y ortogonale al primo;
- in nero la numerazione dei 145 nodi, in rosso quella delle 184 aste;
- un pallino nero indica i nodi di estremità di ciascun pilastro ai diversi livelli; il numero di ciascuno di essi coincide con il numero del nodo di estremità alla quota inferiore; ad esempio: il pilastro 1 è quello individuato dal nodo 1 nella mesh della fondazione; e ancora: il pilastro 22 del secondo livello è quello individuato dal nodo 22 nella mesh del livello delle catene;
- la numerazione dei pilastri nel modello di calcolo (M) e nella di carpenteria (C) è associata come segue: 1M-11C; 2M-12C; 3M-13C; 4M-14C; 5M-15C; 6M-6C; 7M-7C; 8M-8C; 9M-9C; 10M-10C; 11M-1C; 12M-2C; 13M-3C; 14M-4C; 15M-5C; nel seguito i pilastri saranno richiamati con la numerazione del modello di calcolo;
- in rosso la numerazione delle aste, nell'ordine: travi d'imposta e catene, quindi le travi di falda, di colmo e di displuvio;
- la struttura in elevazione si compone quindi di 35 nodi e 52 aste;
- la fondazione è schematizzata con un elevato numero di aste (132) in funzione del passo delle molle, generalmente pari a 1,10 m; pertanto sullo schema viene riportato il numero della prima e dell'ultima asta che compongono ciascuna trave reale.



Fig. 10 – Mesh fondazione



Fig. 11 – Mesh livello catene

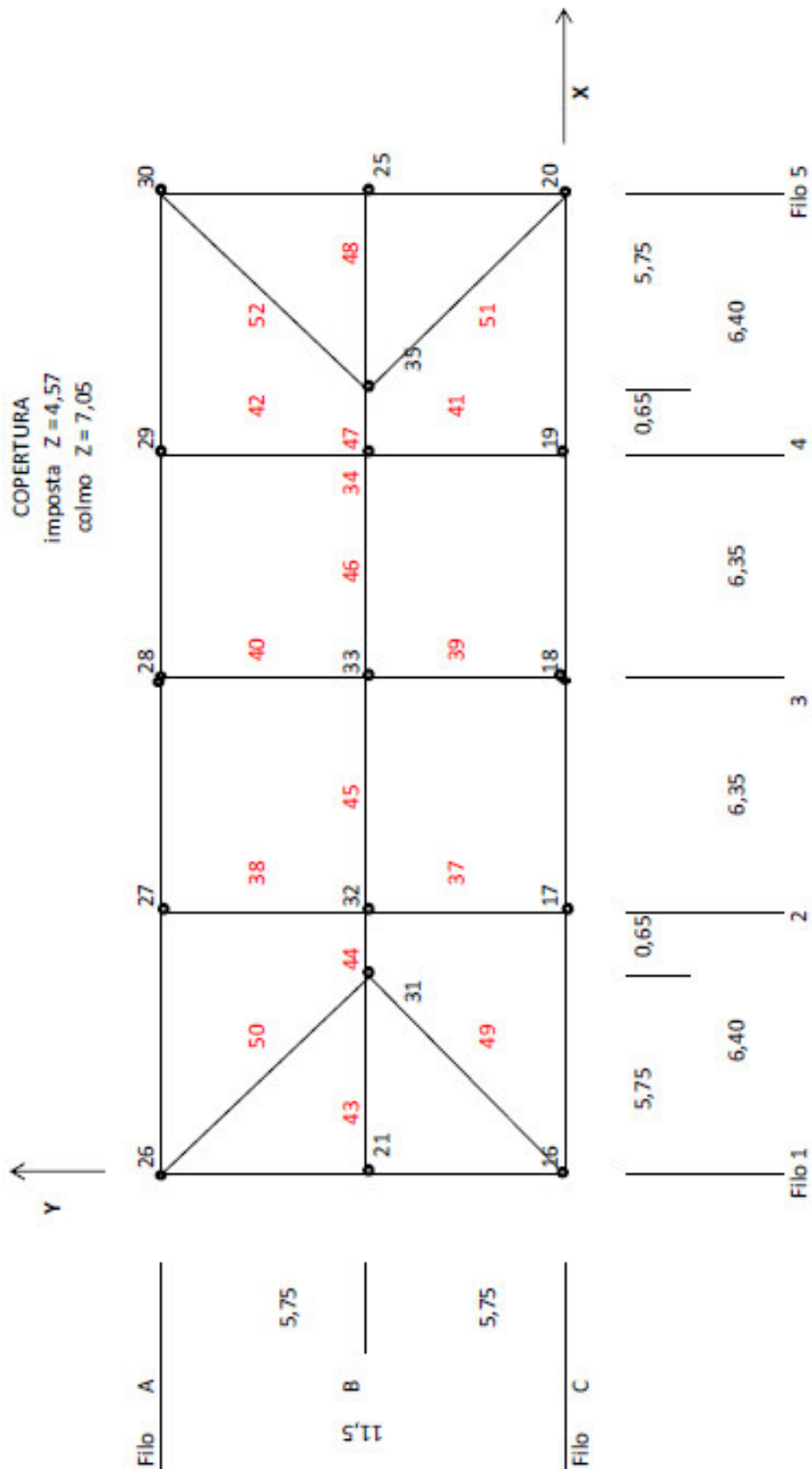


Fig. 12 – Mesh copertura

9.2 APPLICAZIONE DELLE AZIONI STATICHE

I carichi verticali vengono attribuiti alle diverse aste sulla base dei carichi unitari precedentemente analizzati e delle diverse aree di influenza.

Nella seguente tabella (frazionata su più pagine) sono riportati i carichi applicati alle travi della copertura.

TRAVE D'IMPOSTA D'ANGOLO							
B (m)	H (m)	Estremo I			Estremo J		
0,30	0,70	peso unit. (kN/mq)	larghezza (m)	carico (kN/m)	peso unit. (kN/mq)	larghezza (m)	carico (kN/m)
				5,25			5,25
		3,20	0,00	0,00	3,20	2,85	9,12
		4,50	1,30	5,85	4,50	1,30	5,85
		totale G1		11,10			20,22
		finitura copertura	1,80	0,30	1,80	3,15	5,67
		finitura cornicione	1,20	0,80	1,20	0,80	0,96
		totale G2		1,50			6,63
		totale Qk	0,50	0,30	0,50	3,15	1,58
		neve falde esterne	0,80	0,30	0,80	3,15	2,52
		neve cornicione	1,30	0,80	1,30	0,80	1,04
		falde est. tot. Qn		1,28			3,56

Tab. 9.1

TRAVE D'IMPOSTA INTERMEDIE (da filo2 a filo 4)							
B (m)	H (m)	Estremo I			Estremo J		
0,30	0,70	peso unit. (kN/mq)	larghezza (m)	carico (kN/m)	peso unit. (kN/mq)	larghezza (m)	carico (kN/m)
				5,25			5,25
		3,20	2,85	9,12	3,20	2,85	9,12
		4,50	1,30	5,85	4,50	1,30	5,85
		totale G1		20,22			20,22
		finitura copertura	1,80	3,15	1,80	3,15	5,67
		finitura cornicione	1,20	0,80	1,20	0,80	0,96
		totale G2		6,63			6,63
		totale Qk	0,50	3,15	0,50	3,15	1,58
		neve falde esterne	0,80	3,15	0,80	3,15	2,52
		neve cornicione	1,30	0,80	1,30	0,80	1,04
		falde est. tot. Qn		3,56			3,56

Tab. 9.2

TRAVE DI FALDA fili 2, 3, 4 e testata filo B							
B (m)	H (m)	Estremo I			Estremo J		
0,80	0,26	peso unit. (kN/mq)	larghezza (m)	carico (kN/m)	peso unit. (kN/mq)	larghezza (m)	carico (kN/m)
peso proprio				5,20			5,20
peso solaio		3,20	0,40	1,28	3,20	0,40	1,28
peso cornicione		4,50	0,00	0,00	4,50	0,00	0,00
totale G1				6,48			6,48
finitura copertura		1,80	1,20	2,16	1,80	1,20	2,16
finitura cornicione		1,20	0,00	0,00	1,20	0,00	0,00
totale G2				2,16			2,16
totale Qk		0,50	1,20	0,60	0,50	1,20	0,60
neve falde esterne		0,80	1,20	0,96	0,80	1,20	0,96
neve cornicione		1,30	0,00	0,00	1,30	0,00	0,00
falde est. tot. Qn				0,96			0,96

Tab. 9.3

TRAVE DI COLMO							
B (m)	H (m)	Estremo I			Estremo J		
0,40	0,70	peso unit. (kN/mq)	larghezza (m)	carico (kN/m)	peso unit. (kN/mq)	larghezza (m)	carico (kN/m)
peso proprio				7,00			7,00
peso solaio		3,20	5,70	18,24	3,20	5,70	18,24
peso cornicione		4,50	0,00	0,00	4,50	0,00	0,00
totale G1				25,24			25,24
finitura copertura		1,80	6,10	10,98	1,80	6,10	10,98
finitura cornicione		1,20	0,00	0,00	1,20	0,00	0,00
totale G2				10,98			10,98
totale Qk		0,50	6,10	3,05	0,50	6,10	3,05
neve falde esterne		0,80	6,10	4,88	0,80	6,10	4,88
neve cornicione		1,30	0,00	0,00	1,30	0,00	0,00
falde est. tot. Qn				4,88			4,88

Tab. 9.4

TRAVE DI DISPLUVIO							
B (m)	H (m)	Estremo I			Estremo J		
0,30	0,70	peso unit. (kN/mq)	larghezza (m)	carico (kN/m)	peso unit. (kN/mq)	larghezza (m)	carico (kN/m)
peso proprio				5,25			5,25
peso solaio		3,20	0,00	0,00	3,20	5,70	18,24
peso cornicione		4,50	0,00	0,00	4,50	0,00	0,00
totale G1				5,25			23,49
finitura copertura		1,80	0,40	0,72	1,80	6,10	10,98
finitura cornicione		1,20	0,00	0,00	1,20	0,00	0,00
totale G2				0,72			10,98
totale Qk		0,50	0,40	0,20	0,50	6,10	3,05
neve falde esterne		0,80	0,40	0,32	0,80	6,10	4,88
neve cornicione		1,30	0,00	0,00	1,30	0,00	0,00
falde est. tot. Qn				0,32			4,88

Tab. 9.5

Tabella 9: Carichi sulle aste

Di seguito sono riportati i carichi verticali applicati agli altri elementi strutturali:

- catene (40x30):
 - peso proprio $0,40 \times 0,30 \times 25,0 = \underline{3,00 \text{ kN/m totale G1}}$
 - muratura divisorio da $(0,25 \times 2,6) = 0,65 \text{ kN/m}$ a $(2,15 \times 2,6) = 5,59 \text{ kN/m}$ totale G2

- pilastri:
 - peso proprio pil. (30x70) $0,30 \times 0,70 \times 25,0 = \underline{5,25 \text{ kN/m totale G1}}$
 - peso proprio pil. (40x50) $0,40 \times 0,60 \times 25,0 = \underline{6,00 \text{ kN/m totale G1}}$

- travi di fondazione perimetrali, suola (100x40) + anima (45x80):
 - peso proprio $[(1,00 \times 0,40) + (0,45 \times 0,80)] \times 25,0 = \underline{19,00 \text{ kN/m totale G1}}$
 - muratura tamponatura $3,65 \times 5,0 = 18,25 \text{ kN/m}$
 - calpestio su ala esterna $0,25 \times 14,3 = 3,58 \text{ kN/m}$
 - calpestio su ala interna $0,30 \times 17,6 = 5,28 \text{ kN/m}$
 - impianti fissi $0,30 \times 5,0 = 1,50 \text{ kN/m}$
 - 28,61 kN/m totale G2

- trave di fondazione "di spina", suola (140x40) + anima (40x80):
 - peso proprio $[(1,40 \times 0,40) + (0,40 \times 0,80)] \times 25,0 = \underline{22,00 \text{ kN/m totale G1}}$
 - muratura divisorio $(3,65 + 0,30 + 1,65) \times 2,6 = 14,56 \text{ kN/m}$
 - calpestio su anima $0,20 \times 2,0 = 0,40 \text{ kN/m}$
 - calpestio su ala $1,00 \times 17,6 = 17,60 \text{ kN/m}$
 - impianti fissi $1,00 \times 5,0 = 5,00 \text{ kN/m}$
 - 37,56 kN/m totale G2

- travi di fondazione trasversali interne, suola (80x40) + anima (30x80)
 - peso proprio $[(0,80 \times 0,40) + (0,30 \times 0,80)] \times 25,0 = \underline{14,00 \text{ kN/m totale G1}}$
 - muratura divisorio $3,65 \times 2,6 = 9,49 \text{ kN/m}$
 - calpestio su anima $0,10 \times 2,0 = 0,20 \text{ kN/m}$
 - calpestio su ala $0,50 \times 17,6 = 8,80 \text{ kN/m}$

impianti fissi

$0,50 \times 5,0 = 2,50 \text{ kN/m}$

$20,99 \text{ kN/m totale G2}$

Si precisa che sull'intero sviluppo delle travi di fondazione interne è stata considerata l'eventuale presenza del divisorio in muratura ($b=20 \text{ cm}$ finito), esteso fino alla copertura per la trave longitudinale e fino all'intradosso delle catene per le travi trasversali..

L'azione del vento sulle pareti del fabbricato equivale ad un carico uniformemente distribuito in sommità pari a:

- parete sopravento $0,76 \times (4,45/2 + 0,70) = 2,22 \text{ kN/m}$
- parete sottovento $0,38 \times (4,45/2 + 0,70) = 1,11 \text{ kN/m}$
dove $4,45 \text{ m}$ è l'altezza della parete e $0,70 \text{ m}$ l'altezza del timpano all'imposta della copertura.

Tale carico viene poi concentrato nei nodi strutturali di sommità dei pilastri perimetrali in funzione dell'interasse degli stessi, come segue:

- vento in direzione longitudinale, +X


pilastro (n° dello schema)	fascia di competenza (m)	forza (kN)
1, 11	2,875	6,38
6	5,75	12,76
5, 15	2,875	3,19
10	5,75	6,38

- vento in direzione longitudinale, -X

pilastro (n° dello schema)	fascia di competenza (m)	forza (kN)
1, 11	2,875	-3,19
6	5,75	-6,38
5, 15	2,875	-6,38
10	5,75	-12,76

- vento in direzione trasversale, +Y

pilastro (n° dello schema)	fascia di competenza (m)	forza (kN)
1, 5	3,20	7,10
2, 3, 4	6,40	14,21

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11, 15	3,20	3,55
12, 13, 14	6,40	7,10

- vento in direzione trasversale, -Y

pilastro (n° dello schema)	fascia di competenza (m)	forza (kN)
1, 5	3,20	-3,55
2, 3, 4	6,40	-7,10
11, 15	3,20	-7,10
12, 13, 14	6,40	-14,21

9.3 ANALISI SISMICA

La struttura in esame possiede i requisiti normativi per un'analisi sismica semplificata – lineare statica – consistente nell'applicazione di forze statiche equivalenti alle forze d'inerzia indotte dall'azione sismica. Infatti la costruzione è regolare in altezza (monopiano) ed è rispettata la condizione: $T_1 < 2,5 T_C$ o T_D , come segue:

$$T_1 = C_1 \times H^{3/4} = 0,33 \text{ s} \quad \text{periodo primo modo di vibrazione}$$

con

$$C_1 = 0,075 \quad (\text{struttura a telaio in calcestruzzo armato})$$

$$H = 7,10 \text{ m} \quad \text{altezza media dal piano della fondazione}$$

mentre dagli spettri relativi ai diversi stati limite si ricavano i valori minimi:

$$T_C = 0,662 \text{ s}, \text{ e quindi } 2,5 T_C = 1,655 \text{ s}, \text{ e } T_D = 1,807 \text{ s}$$

Si procede quindi con l'analisi statica equivalente.

Si tratta di una struttura monopiano con la massa sostanzialmente concentrata in sommità, con il taglio alla base:

$$F_h = S_d(T_1) \times W \times \lambda / g$$

nella quale:

- g è l'accelerazione di gravità;
- $\lambda = 1$ (struttura con meno di tre orizzontamenti);

- $S_d(T_1)$ è l'ordinata dello spettro di risposta di progetto in corrispondenza del primo modo di vibrazione che assume i seguenti valori per i diversi stati limite:

0,203 g per SLV – 0,196 g per SLD – 0,236 g per SLO

come risulta dalla seguente tabella.

Si osserva che il periodo di 0,33 s determinato per la struttura in esame corrisponde la ramo orizzontale dello spettro e quindi ai valori massimi dell'accelerazione spettrale.

Punti dello spettro di risposta

	T [s]	Se [g]
	0,000	0,267
$T_a \leftarrow$	0,229	0,203
$T_c \leftarrow$	0,687	0,203
	0,759	0,184
	0,831	0,168
	0,902	0,155
	0,974	0,143
	1,046	0,134

10.1 - SLV_di progetto

Punti dello spettro di risposta

	T [s]	Se [g]
	0,000	0,114
$T_a \leftarrow$	0,222	0,196
$T_c \leftarrow$	0,665	0,196
	0,722	0,181
	0,778	0,168
	0,835	0,156
	0,891	0,147
	0,948	0,138
	1,004	0,130

10.2 - SLD_di progetto

Punti dello spettro di risposta

	T [s]	Se [g]
	0,000	0,093
T _B ←	0,221	0,236
T _C ←	0,662	0,236
	0,716	0,218
	0,771	0,202
	0,826	0,189
	0,880	0,177
	0,935	0,167
	0,989	0,158
	1,044	0,149

10.3 - SLO_di progetto (elastico)

Tabella 10: Punti dello spettro (stralcio)

- W è il peso complessivo della costruzione che viene valutato qui di seguito sulla base delle precedenti analisi dei carichi (vedi paragrafi 7.1 e 9.2):

p.p. pilastri	$[(12 \times 5,25)] \times 4,42/2 + (3 \times 6,00)] \times 6,37/2 =$	196,56 kN
catene	$3 \times 10,80 \times 3,0 =$	97,20 kN
p.p. travi d'imposta	$(22,50 + 11,50) \times 2 \times 5,25 =$	357,00 kN
p.p. travi displuvio	$(5,75 \times 1,41 / \cos 19^\circ) \times 4 \times 5,25 =$	180,00 kN
p.p. travi di colmo	$14,00 \times 7,0 =$	98,00 kN
p.p. solaio e zone piene, sotto il dettaglio		1193,38 kN
(tutto pieno)	$25,20 \times 11,20 / \cos 19^\circ \times 0,26 \times 25 =$	1940,27 kN
a detrarre zone di solaio		
	$[(4 \times 5,55 \times 5,0) + (8 \times 1/2 \times 5,15 \times 5,0)] / \cos 19^\circ \times [3,20 - (0,26 \times 25)] =$	-746,89 kN
p.p. cornicione	$2 \times (26,60 + 12,60) \times 0,80 \times 0,18 \times 25 =$	282,24 kN
p.p. veletta	$2 \times (27,55 + 13,55) \times 0,55 \times 0,15 \times 25 =$	<u>169,54 kN</u>
	Totale W (G1) =	2573,92 kN

finitura copertura $25,80 \times 11,80 / \cos 19^\circ \times 1,8 =$ 579,57 kN

finitura cornicioni $2 \times (26,60 + 12,60) \times 0,80 \times 1,20 =$ 75,27 kN

parziale W (G2) = 654,84 kN

tamponature $[(25,50 + 11,50) \times 2 - 8,40] \times 4,42 / 2 \times 5,00 \times 0,85 =$ 616,15 kN (1)

divisori interni $6 \times 5,40 \times 4,42 / 2 \times 2,60 =$ 186,17 kN (2)

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$$\text{Totale } W (G2) = 1457,16 \text{ kN}$$

Note:

(1) – si considera concentrata in sommità la massa di metà altezza delle tamponature, misurata al netto dei pilastri e con una riduzione minima, del 15%, per tener conto delle aperture di servizio

(2) – si considera concentrato in sommità il contributo di metà altezza dei divisori interni

$$\text{Risulta quindi } W = 2573,92 + 1457,16 = 4031,08 \text{ kN}$$

Per quanto sopra la forza sismica totale (taglio alla base) per i diversi stati limite risulta:

$$\text{SLV } F_h = 0,203 \times 4031,08 = 818,31 \text{ kN}$$

$$\text{SLD } F_h = 0,196 \times 4031,08 = 790,09 \text{ kN}$$

$$\text{SLO } F_h = 0,236 \times 4031,08 = 951,34 \text{ kN}$$

e viene applicata nel centro di massa.

Il centro di massa coincide con il baricentro geometrico della pianta, di coordinate:

$$X = 25,50/2 = 12,75 \text{ m}$$

$$Y = 11,50/2 = 5,75 \text{ m}$$

nel sistema di riferimento XY dello schema di calcolo che ha l'origine O in asse al pilastro 1.

Al centro di massa viene attribuita un'eccentricità accidentale, con doppio segno in ciascuna delle due direzioni:

$$e_x = 0,05 \times 25,50 = \pm 1,275 \text{ m} \quad \text{per il sisma in direzione Y}$$


$$e_y = 0,05 \times 11,50 = \pm 0,575 \text{ m} \quad \text{per il sisma in direzione X}$$

il che vuol dire che per la condizione "sisma X" la forza può essere applicata in due diversi punti, di ordinata:

$$\text{Sisma EX}+e_y - \text{loading 40} - (Y + e_y) = (5,75 + 0,575) = 6,325 \text{ m}$$

$$\text{Sisma EX}-e_y - \text{loading 41} - (Y - e_y) = (5,75 - 0,575) = 5,175 \text{ m}$$

e, analogamente, per la condizione "sisma Y" la forza può essere applicata in due diversi punti, di ascissa:

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Sisma EY+e_x – loading 42 – $(X + e_x) = (12,75 + 1,275) = 14,025$ m

Sisma EY-e_y – loading 43 – $(X - e_x) = (12,75 - 1,275) = 11,475$ m

Per ciascuna delle 2 direzioni si hanno 2 eccentricità (quindi due punti di applicazione) e 2 versi, per un totale di $(2 \times 2 \times 2) = 8$ azioni sismiche “principali”, cioè con coefficiente moltiplicativo 1. Ciascuna di esse può essere combinata con l’azione sismica “secondaria”, cioè con il coefficiente moltiplicativo 0,3, a sua volta agente con 2 eccentricità e 2 versi, cioè secondo $(2 \times 2) = 4$ configurazioni. In totale si hanno quindi $(8 \times 4) = 32$ combinazioni sismiche per ciascuno stato limite considerato.

Per semplicità di gestione del tabulato, il calcolo sarà direttamente riferito al solo SLV; le sollecitazioni per lo SLD e lo SLO potranno essere ricavate indirettamente, a valle del calcolo, semplicemente in proporzione alle diverse forze sismiche totali prima determinate. Quindi nella tabella successiva si riporta il dettaglio delle combinazioni sismiche allo SLV con la stessa numerazione del tabulato.

COMBINAZIONE			AZIONE					
Numero	Nome		Perm. Strutture G1	Perm. Portati G2	Sisma orizz. EX+ ey (loading 40)	Sisma orizz. EX - ey (loading 41)	Sisma orizz. EY + ex (loading 42)	Sisma orizz. EY - ex (loading 43)
da 40 a 43 azioni sismiche elementari								
44	SLV	1	1	1	1	0	0,3	0
45	SLV	2	1	1	1	0	-0,3	0
46	SLV	3	1	1	1	0	0	0,3
47	SLV	4	1	1	1	0	0	-0,3
48	SLV	5	1	1	-1	0	0,3	0
49	SLV	6	1	1	-1	0	-0,3	0
50	SLV	7	1	1	-1	0	0	0,3
51	SLV	8	1	1	-1	0	0	-0,3
52	SLV	9	1	1	0	1	0,3	0
53	SLV	10	1	1	0	1	-0,3	0
54	SLV	11	1	1	0	1	0	0,3
55	SLV	12	1	1	0	1	0	-0,3
56	SLV	13	1	1	0	-1	0,3	0
57	SLV	14	1	1	0	-1	-0,3	0
58	SLV	15	1	1	0	-1	0	0,3
59	SLV	16	1	1	0	-1	0	-0,3
60	SLV	17	1	1	0,3	0	1	0
61	SLV	18	1	1	-0,3	0	1	0
62	SLV	19	1	1	0	0,3	1	0
63	SLV	20	1	1	0	-0,3	1	0
64	SLV	21	1	1	0,3	0	-1	0
65	SLV	22	1	1	-0,3	0	-1	0
66	SLV	23	1	1	0	0,3	-1	0
67	SLV	24	1	1	0	-0,3	-1	0
68	SLV	25	1	1	0,3	0	0	1
69	SLV	26	1	1	-0,3	0	0	1
70	SLV	27	1	1	0	0,3	0	1
71	SLV	28	1	1	0	-0,3	0	1
72	SLV	29	1	1	0,3	0	0	-1
73	SLV	30	1	1	-0,3	0	0	-1
74	SLV	31	1	1	0	0,3	0	-1
75	SLV	32	1	1	0	-0,3	0	-1

Tabella 11: Combinazioni considerate per gli stati limite sismici (dettaglio riferito allo SLV)

Nel modello di calcolo, l'azione sismica totale di ciascuna delle quattro condizioni elementari viene applicata alla quota di sommità dei pilastri e ripartita tra questi in funzione delle singole rigidezze, nell'ipotesi di infinita rigidezza del solaio; ipotesi concretamente realizzata sia dal tipo di solaio impiegato (latero-cemento con soletta superiore dello spessore di 4 cm) che dalla forma a padiglione della copertura (rigidezza per forma). Nella seguente tabella si riporta il dettaglio di detta ripartizione.

SLV	Forza sismica totale Fh						818,31	kN
Loading 40 - (EX + ey)			Ordinata centro masse YC				6,325	m
Pilastro	Nodo di sommità	Ordinata Y (m)	Inerzia J (m4)	J x Y	d (m) distanza Y - YR	J x d	J x d x d	F (kN)
1	16	0,000	0,00158	0,00000	-5,750	-0,00909	0,05224	13,424
2	17	0,000	0,00858	0,00000	-5,750	-0,04934	0,28368	72,895
3	18	0,000	0,00858	0,00000	-5,750	-0,04934	0,28368	72,895
4	19	0,000	0,00858	0,00000	-5,750	-0,04934	0,28368	72,895
5	20	0,000	0,00158	0,00000	-5,750	-0,00909	0,05224	13,424
6	21	5,750	0,00158	0,00909	0,000	0,00000	0,00000	15,660
7	32	5,750	0,00720	0,04140	0,000	0,00000	0,00000	71,364
8	33	5,750	0,00720	0,04140	0,000	0,00000	0,00000	71,364
9	34	5,750	0,00720	0,04140	0,000	0,00000	0,00000	71,364
10	25	5,750	0,00158	0,00909	0,000	0,00000	0,00000	15,660
11	26	11,500	0,00158	0,01817	5,750	0,00909	0,05224	17,897
12	27	11,500	0,00858	0,09867	5,750	0,04934	0,28368	97,190
13	28	11,500	0,00858	0,09867	5,750	0,04934	0,28368	97,190
14	29	11,500	0,00858	0,09867	5,750	0,04934	0,28368	97,190
15	30	11,500	0,00158	0,01817	5,750	0,00909	0,05224	17,897
Somme			0,08256	0,47472		0,00000	1,91101	818,310
Ordinata centro rigidezze YR				5,750	Eccentricità YC-YR		0,575	Tab. 12.1

SLV	Forza sismica totale Fh						818,31	kN
Loading 41 - (EX - ey)			Ordinata centro masse YC				5,175	m
Pilastro	Nodo di sommità	Ordinata Y (m)	Inerzia J (m4)	J x Y	d (m) distanza Y - YR	J x d	J x d x d	F (kN)
1	16	0,000	0,00158	0,00000	-5,750	-0,00909	0,05224	17,897
2	17	0,000	0,00858	0,00000	-5,750	-0,04934	0,28368	97,190
3	18	0,000	0,00858	0,00000	-5,750	-0,04934	0,28368	97,190
4	19	0,000	0,00858	0,00000	-5,750	-0,04934	0,28368	97,190
5	20	0,000	0,00158	0,00000	-5,750	-0,00909	0,05224	17,897
6	21	5,750	0,00158	0,00909	0,000	0,00000	0,00000	15,660
7	32	5,750	0,00720	0,04140	0,000	0,00000	0,00000	71,364
8	33	5,750	0,00720	0,04140	0,000	0,00000	0,00000	71,364
9	34	5,750	0,00720	0,04140	0,000	0,00000	0,00000	71,364
10	25	5,750	0,00158	0,00909	0,000	0,00000	0,00000	15,660
11	26	11,500	0,00158	0,01817	5,750	0,00909	0,05224	13,424
12	27	11,500	0,00858	0,09867	5,750	0,04934	0,28368	72,895
13	28	11,500	0,00858	0,09867	5,750	0,04934	0,28368	72,895
14	29	11,500	0,00858	0,09867	5,750	0,04934	0,28368	72,895
15	30	11,500	0,00158	0,01817	5,750	0,00909	0,05224	13,424
Somme			0,08256	0,47472		0,00000	1,91101	818,310
Ordinata centro rigidezze YR				5,750	Eccentricità YC-YR		-0,575	Tab. 12.2

SLV	Forza sismica totale Fh						818,31	kN
Loading 42 - (EY + ex)			Ordinata centro masse YC				14,025	m
Pilastro	Nodo di sommità	Acscissa X (m)	Inerzia J (m4)	J x X	d (m) distanza Y - YR	J x d	J x d x d	F (kN)
1	16	0,000	0,00858	0,00000	-12,750	-0,10940	1,39479	86,654
2	17	6,400	0,00158	0,01011	-6,350	-0,01003	0,06371	17,145
3	18	12,750	0,00158	0,02015	0,000	0,00000	0,00000	18,324
4	19	19,100	0,00158	0,03018	6,350	0,01003	0,06371	19,502
5	20	25,500	0,00858	0,21879	12,750	0,10940	1,39479	112,356
6	21	0,000	0,00858	0,00000	-12,750	-0,10940	1,39479	86,654
7	32	6,400	0,00320	0,02048	-6,350	-0,02032	0,12903	34,725
8	33	12,750	0,00320	0,04080	0,000	0,00000	0,00000	37,112
9	34	19,100	0,00320	0,06112	6,350	0,02032	0,12903	39,499
10	25	25,500	0,00858	0,21879	12,750	0,10940	1,39479	112,356
11	26	0,000	0,00858	0,00000	-12,750	-0,10940	1,39479	86,654
12	27	6,400	0,00158	0,01011	-6,350	-0,01003	0,06371	17,145
13	28	12,750	0,00158	0,02015	0,000	0,00000	0,00000	18,324
14	29	19,100	0,00158	0,03018	6,350	0,01003	0,06371	19,502
15	30	25,500	0,00858	0,21879	12,750	0,10940	1,39479	112,356
Somme			0,07056	0,89964		0,00000	8,88162	818,310
Ordinata centro rigidezze YR				12,750	Eccentricità YC-YR		1,275	Tab. 12.3

SLV	Forza sismica totale Fh						818,31	kN
Loading 43 - (EY - ex)			Ordinata centro masse YC				11,475	m
Pilastro	Nodo di sommità	Acsissa X (m)	Inerzia J (m4)	J x X	d (m) distanza Y - YR	J x d	J x d x d	F (kN)
1	16	0,000	0,00858	0,00000	-12,750	-0,10940	1,39479	112,356
2	17	6,400	0,00158	0,01011	-6,350	-0,01003	0,06371	19,502
3	18	12,750	0,00158	0,02015	0,000	0,00000	0,00000	18,324
4	19	19,100	0,00158	0,03018	6,350	0,01003	0,06371	17,145
5	20	25,500	0,00858	0,21879	12,750	0,10940	1,39479	86,654
6	21	0,000	0,00858	0,00000	-12,750	-0,10940	1,39479	112,356
7	32	6,400	0,00320	0,02048	-6,350	-0,02032	0,12903	39,499
8	33	12,750	0,00320	0,04080	0,000	0,00000	0,00000	37,112
9	34	19,100	0,00320	0,06112	6,350	0,02032	0,12903	34,725
10	25	25,500	0,00858	0,21879	12,750	0,10940	1,39479	86,654
11	26	0,000	0,00858	0,00000	-12,750	-0,10940	1,39479	112,356
12	27	6,400	0,00158	0,01011	-6,350	-0,01003	0,06371	19,502
13	28	12,750	0,00158	0,02015	0,000	0,00000	0,00000	18,324
14	29	19,100	0,00158	0,03018	6,350	0,01003	0,06371	17,145
15	30	25,500	0,00858	0,21879	12,750	0,10940	1,39479	86,654
Somme			0,07056	0,89964		0,00000	8,88162	818,310
Ordinata centro rigidezze YR				12,750	Eccentricità YC-YR		-1,275	Tab. 12.4


Tabella 12: Applicazione delle forze sismiche al modello di calcolo (dettaglio riferito allo SLV)

9.4 RISULTATI DEL CALCOLO SPAZIALE

Per le singole azioni elementari - 8 statiche e 4 sismiche - e per le diverse combinazioni di esse - 31 statiche e 32 sismiche (SLV) - il programma calcola:

- le sollecitazioni alle estremità e nelle sezioni intermedie delle aste;
- gli spostamenti e le rotazioni dei nodi;
- le reazioni vincolari;
- la somma delle reazioni vincolari rispetto al sistema di riferimento globale.

Tutti i risultati sono contenuti nel tabulato di input/output del programma GT STRUDL, Allegato 1 a questa relazione; nei capitoli successivi sono invece esplicitamente

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riportati i valori più significativi per le diverse verifiche di sicurezza in elevazione e in fondazione.

Si osserva che i risultati dell'analisi sismica giustificano la mancata considerazione delle non linearità geometriche, risultando soddisfatta la condizione:

$$\theta = (P \times d_r) / (V \times h) < 0,1$$

nella quale:

$P = 4031,08 \text{ kN}$ il carico verticale associato all'azione sismica (vedi paragrafo 9.3)

$V = 818,31 \text{ kN}$ la forza orizzontale totale (vedi paragrafo 9.3)

$H = 4,57 \text{ m}$ l'altezza interpiano alle imposte nello schema di calcolo

mentre lo spostamento medio della copertura risulta da:

$$q = 3,30 \quad T_c = 0,662 \text{ s} \quad T_1 = 0,33 \text{ s} \quad \rightarrow \quad \mu_d = 1 + (q-1) \times T_c / T_1 = 5,614$$

$$d_{Ex} = 0,00321 \text{ m (vedi Allegato 1, nodo 23)} \quad \rightarrow \quad d_{rx} = \mu_d \times d_{Ex} = 0,018 \text{ m}$$

$$d_{Ey} = 0,00527 \text{ m (vedi Allegato 1, nodo 23)} \quad \rightarrow \quad d_{ry} = \mu_d \times d_{Ey} = 0,030 \text{ m}$$

da cui:

$$\theta_{max} = \theta_y = (4031,08 \times 0,030) / (818,31 \times 4,57) = 0,033 < 0,1$$

Pertanto i momenti del secondo ordine sono trascurabili e gli effetti del sisma possono essere considerati nelle verifiche come calcolati, senza alcun incremento.

10 VERIFICHE DI SICUREZZA STRUTTURA IN ELEVAZIONE

Di seguito vengono riportate le verifiche di sicurezza delle strutture in elevazione, nell'ordine: pilastri, monaci, travi d'imposta, catene, travi di falda, solaio, cornicione.

10.1 PILASTRI

10.1.1 PILASTRI (30x70) cm

Per tutti i pilastri di sezione (30x70) cm viene adottata la seguente armatura:

- armature longitudinali:

4 Φ 20 sugli spigoli

1 Φ 20 intermedi sui lati minori

5 Φ 20 intermedi sui lati maggiori

estesa all'intera altezza, con un totale di $(16 \times 3,14) = 50,24 \text{ cm}^2$ e una percentuale tipica $\rho = 2,4 \%$;

- armature trasversali:

staffe Φ 10 e 2 legature Φ 10 dei ferri intermedi posti sui lati maggiori, con passo di 100 mm nelle zone critiche di estremità lunghe 80 cm e nei nodi, con passo 200 mm nella parte centrale.


conforme alle prescrizioni normative sui dettagli costruttivi relative alle limitazioni geometriche e di armatura, a garanzia delle caratteristiche di duttilità richieste.

Ne risulta l'incidenza di armatura di 280 kg/mc, comprensiva di tutti e soli i ferri presenti nell'altezza netta del pilastro (sovrapposizioni di 120 cm comprese).

Verifiche allo SLV

La verifica a presso-flessione deviata è stata eseguita con il programma "Verifica C.A." dell'Ing. Piero Gelfi, con il quale è stato costruito il dominio di resistenza della sezione per i diversi valori dello sforzo normale. Nella seguente tabella sono riassunte solo le verifiche più gravose tra tutte quelle eseguite, con l'indicazione delle combinazioni (N, M_x , M_y) delle sollecitazioni di calcolo e delle sollecitazioni resistenti, del coefficiente ρ_M che esprime il rapporto tra la distanza del punto rappresentativo della combinazione di calcolo dall'origine del dominio di resistenza e la distanza della frontiera lungo lo stesso allineamento, e infine del coefficiente $(1/\rho_M)$ che misura il rapporto tra sollecitazioni resistenti e sollecitazioni di calcolo.

Pilastro	Comb.	Nd (kN)	Mxd (kNm)	Myd (kNm)	Mxr (kNm)	Myr (kNm)	ρ_M	$1/\rho_M$
1	71	142,46	257,00	40,85	264,60	42,54	0,971	1,030
2	55	252,86	272,46	24,93	305,40	29,30	0,892	1,121
2	72	384,69	102,77	66,10	194,00	95,39	0,708	1,412

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NOTE:

- Per convenzione, l'asse x è parallelo al lato minore del pilastro e Mx è il momento che ruota intorno a tale asse; viceversa per l'asse y.

Tabella 13: Verifiche pilastri a presso-flessione deviata - SLV

Tutti i punti rappresentativi delle sollecitazioni di calcolo risultano interni al rispettivo dominio.

Per la verifica al taglio del pilastro si determina la resistenza a "taglio trazione" delle armature:

$$V_{Rsd} = 0,9 \times d \times A_{sw}/s \times f_{yd} \times (\text{ctg}\alpha + \text{ctg}\theta) \times \sin \alpha$$

dove:

d = 240 mm / 640 mm altezza utile sezione - taglio x (lato minore) / taglio y

A_{sw} = 316 mm²/157 mm² area dell'armatura sul singolo strato

s = 100 mm l'interasse tra due strati consecutivi di armatura

f_{yd} = 391,3 N/mm² resistenza caratteristica di calcolo dell'armatura

θ = 45° inclinazione del puntone in cls rispetto all'asse (max)

α = 90° inclinazione delle armature rispetto all'asse

ottenendo: V_{Rsd} (x) = 267,08 kN e V_{Rsd} (y) = 353,86 kN

e la resistenza a "taglio compressione" del calcestruzzo:

$$V_{Rcd} = 0,9 \times d \times b_w \times \alpha_c \times f'_{cd} \times (\text{ctg}\alpha + \text{ctg}\theta)/(1 + \text{ctg}^2\theta)$$

dove:


d = 240 mm / 640 mm altezza utile sezione - taglio x (lato minore) / taglio y

b_w = 700 mm / 300 mm larghezza della sezione

α_c = 1 coefficiente maggiorativo (valore minimo cautelativo)

f'cd = 9,4 N/mm² resistenza caratteristica di calcolo ridotta del cls = 0,5 f_{cd}

θ = 45° inclinazione del puntone in cls rispetto all'asse

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$\alpha = 90^\circ$ inclinazione delle armature rispetto all'asse

ottenendo: $V_{Rcd}(x) = 710,64 \text{ kN}$ e $V_{Rsd}(y) = 812,16 \text{ kN}$

e si assume la minore delle due, cioè:

$V_{Rd}(x) = 267,08 \text{ kN}$ **$V_{Rd}(y) = 353,86 \text{ kN}$** .

Questi valori risultano superiori ai corrispondenti tagli massimi di calcolo qui riportati:

$T_d(x) = 34,58 \text{ kN}$ (Pil. 1, Comb. 58) $T_d(y) = 124,13 \text{ kN}$ (Pil. 6, Comb. 74)

Una verifica ulteriore viene eseguita nei confronti del taglio che si determina nella condizione di equilibrio del pilastro soggetto a momenti di estremità pari a quelli resistenti, nelle due direzioni, con la:

$$V_{Ed} = \gamma_{Rd} \times (M_{sup,Rd} + M_{inf,Rd}) / l_p$$

nella quale: $\gamma_{Rd} = 1,10$; $l_p = 4,57 \text{ m}$ mentre i momenti resistenti, in corrispondenza dello sforzo normale massimo di 287 kN (pilastro 2, comb. 75), sono:

$$M_{sup,Rd} = M_{inf,Rd} = 377,20 \text{ kNm intorno all'asse } x$$

$$M_{sup,Rd} = M_{inf,Rd} = 153,80 \text{ kNm intorno all'asse } y$$

Quindi:

$$V_{Ed}(x) = 1,10 \times 2 \times 153,80 / 4,57 = 74,04 \text{ kN} < 267,08 \text{ kN}$$


$$V_{Ed}(y) = 1,10 \times 2 \times 377,20 / 4,57 = 181,59 \text{ kN} < 353,86 \text{ kN}$$

Verifiche allo SLU

I momenti flettenti in questo stato limite risultano notevolmente inferiori a quelli appena verificati per SLV. Nella seguente tabella sono riassunte le più gravose verifiche a presso-flessione deviata, eseguite con analogha procedura:

Pilastro	Comb.	Nd (kN)	Mxd (kNm)	Myd (kNm)	Mxr (kNm)	Myr (kNm)	ρ_M	$1/\rho_M$
1	20	211,78	80,18	34,28	178,90	76,68	0,448	2,232
1	10	216,06	62,40	40,35	142,4	93,01	0,437	2,288

NOTE:

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- Per convenzione, l'asse x è parallelo al lato minore del pilastro e M_x è il momento che ruota intorno a tale asse; viceversa per l'asse y.

Tabella 14: Verifiche pilastri a presso-flessione deviata - SLU

La verifica al taglio del pilastro risulta automaticamente soddisfatta in quanto i valori massimi di calcolo:

$$T_d(x) = 13,25 \text{ kN (Pil. 1, Comb. 10)} \quad T_d(y) = 22,62 \text{ kN (Pil. 1, Comb. 20)}$$

sono notevolmente inferiori a quelli precedentemente verificati per SLV.

Verifiche allo SLE

Per la verifica allo SLE dei pilastri, si considera preliminarmente che le diverse combinazioni hanno valori poco diversi tra loro, a causa del modesto valore dei sovraccarichi verticali in copertura rispetto ai permanenti; le variazioni più significative sui momenti flettenti sono infatti dovuti al vento.

Visto che lo stato di sollecitazione è piuttosto contenuto, si è ritenuto di considerare per ciascun pilastro una combinazione SLE Rara fittizia, composta dai valori massimi dei momenti nelle due direzioni, anche non contemporanei, associata ai valori massimo e minimo del carico assiale. Ne risulta un'interpolazione finalizzata a dare una misura dello stato tensionale, valutato in favore di sicurezza.

Nella seguente tabella è riportata la verifica delle tensioni di esercizio che, tra tutte, è risultata la più gravosa, eseguita con il programma "Verifica C.A." dell'Ing. Piero Gelfi.


Pilastro	Comb.	N (kN)	M_x (kNm)	M_y (kNm)	σ (N/mm ²)	σ_s (N/mm ²)
1	fittizia	148,00	58,98	30,31	6,3	79,0

NOTE:

- Per convenzione, l'asse x è parallelo al lato minore del pilastro e M_x è il momento che ruota intorno a tale asse; viceversa per l'asse y.

Tabella 15: Verifiche pilastri a presso-flessione deviata - SLE

con valori delle tensioni abbondantemente inferiori ai corrispondenti valori limite:

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$$\sigma_{c, \max} = 6,3 \text{ N/mm}^2 < 0,60 \times 33,2 = 19,9 \text{ N/mm}^2$$

$$\sigma_{s, \max} = 79,0 \text{ N/mm}^2 < 0,8 \times 450 = 360 \text{ N/mm}^2$$

Le sollecitazioni per le combinazioni frequenti e quasi permanente sono ancora più basse e quindi il valore ancora minore atteso per le trazioni nell'armatura costituisce una verifica indiretta ma significativa nei riguardi della fessurazione.

10.1.2 PILASTRI (40x60) cm

Per tutti i pilastri di sezione (40x60) cm viene adottata la seguente armatura:

- armature longitudinali:

4 Φ 20 sugli spigoli

2 Φ 20 intermedi sui lati minori

3 Φ 20 intermedi sui lati maggiori

estesa all'intera altezza, con un totale di $(14 \times 3,14) = 43,96 \text{ cm}^2$ e una percentuale tipica $\rho = 1,9 \%$;

- armature trasversali:


staffe Φ 10 e 2 legature incrociate Φ 10 dei ferri intermedi posti sui lati, con passo di 120 mm nelle zone critiche di estremità lunghe 120 cm e nei nodi, con passo 200 mm nella parte centrale.

conforme alle prescrizioni normative sui dettagli costruttivi relative alle limitazioni geometriche e di armatura, a garanzia delle caratteristiche di duttilità richieste.

Ne risulta l'incidenza di armatura di 230 kg/mc, comprensiva di tutti e soli i ferri presenti nell'altezza netta del pilastro (sovrapposizioni di 120 cm comprese).

Verifiche allo SLV

La verifica a presso-flessione deviata è stata eseguita con il programma "Verifica C.A." dell'Ing. Piero Gelfi, con il quale è stato costruito il dominio di resistenza della sezione per i diversi valori dello sforzo normale. Nella seguente tabella sono riassunte solo le verifiche più gravose tra tutte quelle eseguite, con l'indicazione delle combinazioni (N, M_x , M_y) delle sollecitazioni di calcolo e delle sollecitazioni resistenti,

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del coefficiente ρ_M che esprime il rapporto tra la distanza del punto rappresentativo della combinazione di calcolo dall'origine del dominio di resistenza e la distanza della frontiera lungo lo stesso allineamento, e infine del coefficiente $(1/\rho_M)$ che misura il rapporto tra sollecitazioni resistenti e sollecitazioni di calcolo.

Pilastro	Comb.	Nd (kN)	Mxd (kNm)	Myd (kNm)	Mxr (kNm)	Myr (kNm)	ρ_M	$1/\rho_M$
7	54	487,19	133,95	42,15	240,70	77,95	0,555	1,802
7	70	486,13	52,55	122,90	66,83	187,00	0,716	1,396

NOTE:

- Per convenzione, l'asse x è parallelo al lato minore del pilastro e Mx è il momento che ruota intorno a tale asse; viceversa per l'asse y.

Tabella 16: Verifiche pilastri a presso-flessione deviata - SLV

Tutti i punti rappresentativi delle sollecitazioni di calcolo risultano interni al rispettivo dominio.

Per la verifica al taglio del pilastro si determina la resistenza a "taglio trazione" delle armature:

$$V_{Rsd} = 0,9 \times d \times A_{sw}/s \times f_{yd} \times (\text{ctg}\alpha + \text{ctg}\theta) \times \sin \alpha$$

dove:

$d = 340 \text{ mm} / 540 \text{ mm}$ altezza utile sezione - taglio x (lato minore) / taglio y

$A_{sw} = 236 \text{ mm}^2 / 236 \text{ mm}^2$ area dell'armatura sul singolo strato

$s = 120 \text{ mm}$ l'interasse tra due strati consecutivi di armatura

$f_{yd} = 391,3 \text{ N/mm}^2$ resistenza caratteristica di calcolo dell'armatura

$\theta = 45^\circ$ inclinazione del puntone in cls rispetto all'asse (max)

$\alpha = 90^\circ$ inclinazione delle armature rispetto all'asse

ottenendo: $V_{Rsd}(x) = 235,48 \text{ kN}$ e $V_{Rsd}(y) = 372,42 \text{ kN}$

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e la resistenza a “taglio compressione” del calcestruzzo:

$$V_{Rcd} = 0,9 \times d \times bw \times \alpha_c \times f'_{cd} \times (\text{ctg}\alpha + \text{ctg}\theta) / (1 + \text{ctg}^2\theta)$$

dove:

$d = 340 \text{ mm} / 540 \text{ mm}$ altezza utile sezione - taglio x (lato minore) / taglio y

$bw = 600 \text{ mm} / 400 \text{ mm}$ larghezza della sezione

$\alpha_c = 1$ coefficiente maggiorativo (valore minimo cautelativo)

$f'_{cd} = 9,4 \text{ N/mm}^2$ resistenza caratteristica di calcolo ridotta del cls $= 0,5 f_{cd}$

$\theta = 45^\circ$ inclinazione del puntone in cls rispetto all'asse

$\alpha = 90^\circ$ inclinazione delle armature rispetto all'asse

ottenendo: $V_{Rcd} (x) = 862,92 \text{ kN}$ e $V_{Rsd} (y) = 913,68 \text{ kN}$

e si assume la minore delle due, cioè:

$$V_{Rd} (x) = \mathbf{235,48 \text{ kN}} \quad V_{Rd} (y) = \mathbf{372,42 \text{ kN.}}$$

Questi valori risultano superiori ai corrispondenti tagli massimi di calcolo qui riportati:

$$T_d (x) = 52,24 \text{ kN (Pil. 7, Comb. 70)} \quad T_d (y) = 41,29 \text{ kN (Pil. 7, Comb. 54)}$$

Una verifica ulteriore viene eseguita nei confronti del taglio che si determina nella condizione di equilibrio del pilastro soggetto a momenti di estremità pari a quelli resistenti, nelle due direzioni, con la:

$$V_{Ed} = \gamma_{Rd} \times (M_{sup,Rd} + M_{inf,Rd}) / l_p$$

nella quale: $\gamma_{Rd} = 1,10$; $l_p = 6,37 \text{ m}$ mentre i momenti resistenti, in corrispondenza dello sforzo normale massimo di 487 kN (pilastro 7, comb. 54), sono:

$$M_{sup,Rd} = M_{inf,Rd} = 351,80 \text{ kNm intorno all'asse x}$$


$$M_{sup,Rd} = M_{inf,Rd} = 225,70 \text{ kNm intorno all'asse y}$$

Quindi:

$$V_{Ed} (x) = 1,10 \times 2 \times 225,70 / 6,37 = 77,95 \text{ kN} < 235,48 \text{ kN}$$

$$V_{Ed} (y) = 1,10 \times 2 \times 351,80 / 6,37 = 121,50 \text{ kN} < 372,42 \text{ kN}$$

Verifiche allo SLU

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I momenti flettenti in questo stato limite risultano notevolmente inferiori a quelli appena verificati per SLV. Nella seguente tabella sono riassunte le più gravose verifiche a presso-flessione deviata, eseguite con analoga procedura:

Pilastro	Comb.	Nd (kN)	Mxd (kNm)	Myd (kNm)	Mxr (kNm)	Myr (kNm)	ρ_M	$1/\rho_M$
7	19	668,53	24,81	21,53	163,20	142,00	0,152	6,578

NOTE:

- Per convenzione, l'asse x è parallelo al lato minore del pilastro e Mx è il momento che ruota intorno a tale asse; viceversa per l'asse y.

Tabella 17: Verifiche pilastri a presso-flessione deviata - SLU

La verifica al taglio del pilastro risulta automaticamente soddisfatta in quanto i valori massimi di calcolo:

$$T_d(x) = 8,58 \text{ kN (Pil. 7, Comb. 19)} \quad T_d(y) = 14,22 \text{ kN (Pil. 7, Comb. 17)}$$


sono notevolmente inferiori a quelli precedentemente verificati per SLV.

Verifiche allo SLE

Per la verifica allo SLE dei pilastri, si considera preliminarmente che le diverse combinazioni hanno valori poco diversi tra loro, a causa del modesto valore dei sovraccarichi verticali in copertura rispetto ai permanenti; le variazioni più significative sui momenti flettenti sono infatti dovuti al vento.

Visto che lo stato di sollecitazione è piuttosto contenuto, si è ritenuto di considerare per ciascun pilastro una combinazione SLE Rara fittizia, composta dai valori massimi dei momenti nelle due direzioni, anche non contemporanei, associata ai valori massimo e minimo del carico assiale. Ne risulta un'interpolazione finalizzata a dare una misura dello stato tensionale, valutato in favore di sicurezza, con riferimento all'armatura tipica.

Nella seguente tabella è riportata la verifica delle tensioni di esercizio che, tra tutte, è risultata la più gravosa, eseguita con il programma "Verifica C.A." dell'Ing. Piero Gelfi.

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Pilastro	Comb.	N (kN)	Mx (kNm)	My (kNm)	σ_c (N/mm ²)	σ_s (N/mm ²)
7	fittizia	483,04	24,99	14,35	3,1	-----

NOTE:

- Per convenzione, l'asse x è parallelo al lato minore del pilastro e Mx è il momento che ruota intorno a tale asse; viceversa per l'asse y.

Tabella 18: Verifiche pilastri a presso-flessione deviata - SLE

con la sezione interamente compressa e valori delle tensioni abbondantemente inferiori ai corrispondenti valori limite:


$$\sigma_{c, \max} = 3,1 \text{ N/mm}^2 < 0,60 \times 33,2 = 19,9 \text{ N/mm}^2.$$

Le sollecitazioni per le combinazioni frequenti e quasi permanente sono ancora più basse e quindi anche per queste la sezione risulta interamente compressa e perciò priva di fessurazione.

10.2 TRAVI DI COLMO

Per le travi di colmo, tutte con sezione (40x70) cm è adottata la seguente armatura:

- armature longitudinali:
 - 5 Φ 22 inferiori correnti
 - 5 Φ 22 superiori correnti, ai quali si aggiungono altri 2 Φ 22 spezzoni superiori in secondo strato, legati alle staffe, in corrispondenza dei tre pilastri interni
 - 3 Φ 12 intermedi sui lati
- armature trasversali:
 - staffe Φ 10 più una legatura verticale Φ 10 dei ferri centrali inf. e sup., con passo di 100 mm nelle zone critiche di estremità lunghe 100 cm, con passo 200 mm nella parte centrale;

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ed è conforme alle prescrizioni normative sui dettagli costruttivi relative alle limitazioni geometriche e di armatura, a garanzia delle caratteristiche di duttilità richieste. In particolare, risulta soddisfatta la prescrizione circa il rapporto geometrico minimo dell'armatura di forza:

$$\rho_{\min} = (5 \times 380,0) / (400 \times 700) = 0,00679 > (1,4/450) = 0,00311 \text{ (valore minimo).}$$

Ne risulta l'incidenza di armatura di 220 kg/mc, comprensiva dell'incidenza delle sovrapposizioni nella luce netta della trave.

Verifiche allo SLV

La verifica a presso-flessione retta è stata eseguita con il programma "Verifica C.A." dell'Ing. Piero Gelfi, con il quale è stato determinato il momento resistente della sezione per i diversi valori dello sforzo normale. Nella seguente tabella sono riassunte le verifiche più gravose, con l'indicazione delle combinazioni (N, M_x) delle sollecitazioni di calcolo e delle sollecitazioni resistenti e del coefficiente (1/ρ_M) che misura il rapporto tra sollecitazioni resistenti e sollecitazioni di calcolo.

Trave di colmo	Comb.	Nd (kN)	M _{xd} (kNm)	M _{xr} (kNm)	1/ρ _M
44	44	20,01	-307,73	-533,70	1,73
45	48	92,88	-245,17	-529,10	2,15


NOTE:

- Per convenzione, M_x è positivo se tende le fibre inferiori

Tabella 19: Verifiche travi di colmo a presso-flessione retta - SLV

Per la verifica a taglio le sollecitazioni si determinano nella condizione di equilibrio della trave soggetta a momenti di estremità pari a quelli resistenti ed ai carichi agenti nella condizione sismica, con la:

$$V_{Ed} = Y_{Rd} \times (M_{sup,Rd} + M_{inf,Rd}) / l_t \pm (G1+G2) \times l_t / 2$$

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nella quale:

$$\gamma_{Rd} = 1,00 \text{ (CD "B")}$$

l_t è la luce della trave

$$M_{sup,Rd} = 533,70 \text{ kNm e } M_{inf,Rd} = 439,60 \text{ kNm (armatura non simmetrica)}$$

e il doppio segno indica che il taglio dovuto al carico, in ciascuna estremità si somma o si sottrae a quello dei momenti a seconda del verso dell'azione sismica.

Si riportano in tabella i valori del taglio alle estremità della trave tipo (asta 45) già considerata nella verifica a flessione:

Trave	l_t (m)	(G1+G2) (kN/m)	V+ (kN)	V- (kN)	V-/V+	V_{R1} (kN)	V_{Ed} (kN)	$V_{analisi}$ (kN)
45	6,35	36,22	268,27	38,27	0,15 < 0,5	----	268,27	262,77

NOTE:

- Per il valore del carico si veda la Tabella 9.4 ($G1+G2 = 25,24+10,98 = 36,22 \text{ kN/m}$).
- Nelle colonne V-/V+ e V_{R1} viene eseguita la verifica richiesta al punto 7.4.4.1.2 NTC che esclude la necessità di disporre delle armature diagonali nella zona critica della trave.
- A titolo di confronto, nell'ultima colonna è riportato il taglio derivante dall'analisi, che risulta comunque meno gravoso di V_{Ed} .

Tabella 20: Determinazione taglio di calcolo - SLV

Di seguito si determina la resistenza a "taglio trazione" delle armature:

$$V_{Rsd} = 0,9 \times d \times A_{sw}/s \times f_{yd} \times (\text{ctg}\alpha + \text{ctg}\theta) \times \sin \alpha$$

dove:

$d = 640 \text{ mm}$ altezza utile sezione

$A_{sw} = 236 \text{ mm}^2$ area dell'armatura sul singolo strato


$s = 100 \text{ mm}$ l'interasse tra due strati consecutivi di armatura

$f_{yd} = 391,3 \text{ N/mm}^2$ resistenza caratteristica di calcolo dell'armatura

$\theta = 45^\circ$ inclinazione del puntone in cls rispetto all'asse (max)

$\alpha = 90^\circ$ inclinazione delle armature rispetto all'asse

ottenendo: $V_{Rsd} = 531,91 \text{ kN}$

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e la resistenza a “taglio compressione” del calcestruzzo:

$$V_{Rcd} = 0,9 \times d \times b_w \times \alpha_c \times f'_{cd} \times (\text{ctg}\alpha + \text{ctg}\theta)/(1 + \text{ctg}^2\theta)$$

dove:

d = 640 mm	altezza utile sezione
b _w = 400 mm	larghezza della sezione
α _c = 1	coefficiente maggiorativo (valore minimo cautelativo)
f'cd = 8,23 N/mm ²	resistenza caratteristica di calcolo ridotta del cls = 0,5 f _{cd}
θ = 45°	inclinazione del puntone in cls rispetto all'asse
α = 90°	inclinazione delle armature rispetto all'asse

ottenendo: V_{Rsd} = 955,01 kN

e si assume la minore delle due, cioè:

$$V_{Rd} = 531,91 \text{ kN}$$

che risulta superiore a V_{Ed max} = 268,27 kN.

Verifiche allo SLU

Nella seguente tabella è riportata la più gravosa verifica a presso-flessione retta, eseguita con analoga procedura.


Trave imposta	Comb.	Nd (kN)	Mxd (kNm)	Mxr (kNm)	1/ρ _M
44	9	147,99	-401,24	-525,90	1,31
45	10	110,81	-291,93	-528,00	1,80

NOTE:

- Per convenzione, M_x è positivo se tende le fibre inferiori

Tabella 21: Verifiche travi di colmo a presso-flessione retta - SLU

Per la verifica al taglio risulta il valore massimo di calcolo è:

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$T_d = 337,89$ kN (trave 44, Comb. 11)

ed è inferiore a quello resistente precedentemente determinato: $V_{Rd} = 531,91$ kN.

Verifiche allo SLE

Nella seguente tabella sono riportate le più gravose verifiche delle tensioni di esercizio e alla fessurazione relative alle travi di colmo.

Per lo stato limite della fessurazione sono state considerate condizioni ambientali ordinarie e armature poco sensibili cui corrispondono valori di apertura delle fessure $w_3 = 0,4$ mm per la combinazione frequente e $w_2 = 0,3$ mm per la quasi permanente; il valore di calcolo w_d e il confronto con i valori limite è riportato in tabella.

Trave di colmo	Comb.	N (kN)	Mx (kNm)	σ_c (N/mm ²)	σ_s (N/mm ²)	w_d (mm)	w_{lim} (mm)
44	21-Rara	111,08	-302,72	8,5	187,3	----	----
44	34-FR	95,44	-271,13	7,6	168,3	0,180	0,4
44	39-QP	93,13	-264,20	7,4	164,0	0,174	0,3

Tabella 22: Verifiche trave di colmo a presso-flessione retta - SLE

con valori delle tensioni inferiori ai corrispondenti valori limite:

$$\sigma_{c, \max} = 8,5 \text{ N/mm}^2 < 0,60 \times 29,0 = 17,4 \text{ N/mm}^2 \text{ (per Rara e FR)}$$

$$\sigma_{c, \max} = 7,4 \text{ N/mm}^2 < 0,45 \times 29,0 = 13,0 \text{ N/mm}^2 \text{ (per QP)}$$

$$\sigma_{s, \max} = 187,3 \text{ N/mm}^2 < 0,8 \times 450 = 360 \text{ N/mm}^2$$

e ampiezza delle fessure entro i valori limite.

10.3 TRAVI D'IMPOSTA E DI DISPLUVIO

Per le travi d'imposta e di displuvio, tutte con sezione (30x70) cm è adottata la seguente armatura:

- armature longitudinali:

- 4 Φ 20 inferiori correnti
 - 4 Φ 20 superiori correnti
 - 2 Φ 12 intermedi sui lati
 - armature trasversali:
 - staffe Φ 10 con passo di 100 mm nelle zone critiche di estremità lunghe 80 cm per le travi d'imposta e 120 cm per le travi di displuvio, con passo 200 mm nella parte centrale;
 - ed è conforme alle prescrizioni normative sui dettagli costruttivi relative alle limitazioni geometriche e di armatura, a garanzia delle caratteristiche di duttilità richieste. In particolare, risulta soddisfatta la prescrizione circa il rapporto geometrico minimo dell'armatura di forza inf. e sup.:
- $$\rho = (4 \times 314,0) / (300 \times 700) = 0,00598 > (1,4 / 450) = 0,00311 \text{ (valore minimo).}$$
- Ne risulta l'incidenza di armatura di 170 kg/mc per entrambe, comprensiva dell'incidenza delle sovrapposizioni nella luce netta della trave.

Verifiche allo SLV

La verifica a presso o tenso-flessione retta è stata eseguita con il programma "Verifica C.A." dell'Ing. Piero Gelfi, con il quale è stato determinato il momento resistente della sezione per i diversi valori dello sforzo normale. Nella seguente tabella sono riassunte le verifiche più gravose, con l'indicazione del gruppo di travi (i = imposta; d = displuvio), della sezione (m = mezzeria; a = appoggio), delle combinazioni (N, M_x) delle sollecitazioni di calcolo e delle sollecitazioni resistenti, nonché del coefficiente ($1/\rho_M$) che misura il rapporto tra sollecitazioni resistenti e sollecitazioni di calcolo.

Trave imp/disp	Comb.	Nd (kN)	Mxd (kNm)	Mxr (kNm)	$1/\rho_M$
20-i-a	71	-41,39	-233,02	-280,30	1,20
49-d-m	68	67,14	108,87	308,70	2,83

NOTE:

- Per convenzione, M_x è positivo se tende le fibre inferiori e N è positivo se di compressione


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Tabella 23: Verifiche travi d'imposta e di displuvio a presso o tenso-flessione retta - SLV

Per la verifica a taglio le sollecitazioni si determinano nella condizione di equilibrio della trave soggetta a momenti di estremità pari a quelli resistenti ed ai carichi agenti nella condizione sismica, con la:

$$V_{Ed} = \gamma_{Rd} \times (M_{sup,Rd} + M_{inf,Rd}) / l_t \pm (G1+G2) \times l_t / 2$$

nella quale:

$$\gamma_{Rd} = 1,00 \text{ (CD "B")}$$

l_t è la luce della trave

$$M_{sup,Rd} = M_{inf,Rd} = 291,40 \text{ kNm (armatura corrente doppia simmetrica)}$$

e il doppio segno indica che il taglio dovuto al carico, in ciascuna estremità si somma o si sottrae a quello dei momenti a seconda del verso dell'azione sismica.


Si riportano in tabella i valori del taglio alle estremità delle due travi già considerate nella verifica a flessione:

Trave imp/disp	l_t (m)	(G1+G2) (kN/m)	Mr (kNm)	V+ (kN)	V- (kN)	V-/V+	V_{R1} (kN)	V_{Ed} (kN)	$V_{analisi}$ (kN)
20-i	5,75	da 12,60	$\pm 291,40$	151,24	51,48	0,34<0,5	----	151,24	133,88
		a 26,85		164,90	37,82	0,23<0,5	----	164,90	
49-d	8,55	da 5,97	$\pm 291,40$	150,48	52,24	0,35<0,5	----	150,48	103,11
		a 34,47		208,11	5,39	0,03<0,5	----	208,11	

NOTE:

- Per il valore del carico sulla trave d'imposta si veda la Tabella 9.1: G1+G2 variabile da (11,10+1,50) = 12,60 kN/m a (20,22+6,63) = 26,85 kN/m.
- Per il valore del carico sulla trave di displuvio si veda la Tabella 9.5: G1+G2 variabile da (5,25+0,72) = 5,97 kN/m a (23,49+10,98) = 34,47 kN/m.
- Nelle colonne V-/V+ e V_{R1} viene eseguita la verifica richiesta al punto 7.4.4.1.2 NTC che esclude la necessità di disporre delle armature diagonali nella zona critica della trave.
- A titolo di confronto, nell'ultima colonna è riportato il taglio derivante dall'analisi, che risulta comunque meno gravoso di V_{Ed} .

Tabella 24: Determinazione taglio di calcolo - SLV

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Di seguito si determina la resistenza a “taglio trazione” delle armature:

$$V_{Rsd} = 0,9 \times d \times A_{sw}/s \times f_{yd} \times (\operatorname{ctg}\alpha + \operatorname{ctg}\theta) \times \sin \alpha$$

dove:

$d = 640 \text{ mm}$	altezza utile sezione
$A_{sw} = 157 \text{ mm}^2$	area dell'armatura sul singolo strato
$s = 100 \text{ mm}$	l'interasse tra due strati consecutivi di armatura
$f_{yd} = 391,3 \text{ N/mm}^2$	resistenza caratteristica di calcolo dell'armatura
$\theta = 45^\circ$	inclinazione del puntone in cls rispetto all'asse (max)
$\alpha = 90^\circ$	inclinazione delle armature rispetto all'asse

ottenendo: $V_{Rsd} = 353,86 \text{ kN}$

e la resistenza a “taglio compressione” del calcestruzzo:

$$V_{Rcd} = 0,9 \times d \times b_w \times \alpha_c \times f'_{cd} \times (\operatorname{ctg}\alpha + \operatorname{ctg}\theta)/(1 + \operatorname{ctg}^2\theta)$$

dove:

$d = 640 \text{ mm}$	altezza utile sezione
$b_w = 300 \text{ mm}$	larghezza della sezione
$\alpha_c = 1$	coefficiente maggiorativo (valore minimo cautelativo)
$f'_{cd} = 8,23 \text{ N/mm}^2$	resistenza caratteristica di calcolo ridotta del cls $= 0,5 f_{cd}$
$\theta = 45^\circ$	inclinazione del puntone in cls rispetto all'asse
$\alpha = 90^\circ$	inclinazione delle armature rispetto all'asse


ottenendo: $V_{Rsd} = 716,26 \text{ kN}$

e si assume la minore delle due, cioè:

$V_{Rd} = 353,85 \text{ kN}$

che risulta superiore a $V_{Ed \max} = 208,11 \text{ kN}$.

Verifiche allo SLU

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Nella seguente tabella sono riportate le più gravose verifiche a presso o tenso-flessione retta, eseguita con analoga procedura.

Trave imp/disp	Comb.	Nd (kN)	Mxd (kNm)	Mxr (kNm)	1/ρ _M
16-i-a	13	-41,63	-162,23	-280,20	1,72
49-d-m	11	88,27	137,61	314,00	2,28

NOTE:

- Per convenzione, Mx è positivo se tende le fibre inferiori e N è positivo se di compressione

Tabella 25: Verifiche travi d'imposta e di displuvio a presso o tenso-flessione retta - SLU

La verifica al taglio risulta automaticamente soddisfatta in quanto il valore massimo di calcolo:

$$T_d = 151,12 \text{ kN (trave 49, Comb. 9)}$$


è inferiore a quello precedentemente verificato per SLV.

Verifiche allo SLE

Nella seguente tabella sono riportate le più gravose verifiche delle tensioni di esercizio e alla fessurazione. Esse si registrano sulle travi d'imposta in quanto su quelle di displuvio i momenti flettenti sono minori ed è presente anche uno sforzo normale di compressione.

Per lo stato limite della fessurazione sono state considerate condizioni ambientali ordinarie e armature poco sensibili cui corrispondono valori di apertura delle fessure $w_3 = 0,4 \text{ mm}$ per la combinazione frequente e $w_2 = 0,3 \text{ mm}$ per la quasi permanente; il valore di calcolo w_d e il confronto con i valori limite è riportato in tabella.

Trave imp/disp	Comb.	N (kN)	Mx (kNm)	σ _c (N/mm ²)	σ _s (N/mm ²)	w _d (mm)	w _{lim} (mm)
16	25-Rara	-32,19	-122,33	4,9	180,8	----	----

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16	34-FR	-34,13	-109,10	4,3	163,4	0,140	0,4
16	39-QP	-33,28	-106,36	3,7	159,3	0,132	0,3

Tabella 26: Verifiche trave di colmo a presso-flessione retta - SLE

con valori delle tensioni inferiori ai corrispondenti valori limite:

$$\sigma_{c, \max} = 4,9 \text{ N/mm}^2 < 0,60 \times 29,0 = 17,4 \text{ N/mm}^2 \text{ (per Rara e FR)}$$

$$\sigma_{c, \max} = 3,7 \text{ N/mm}^2 < 0,45 \times 29,0 = 13,0 \text{ N/mm}^2 \text{ (per QP)}$$

$$\sigma_{s, \max} = 180,8 \text{ N/mm}^2 < 0,8 \times 450 = 360 \text{ N/mm}^2$$

e ampiezza delle fessure entro i valori limite.

10.4 CATENE

Per le catene, tutte con sezione (40x30) cm viene adottata la seguente armatura:

- armature longitudinali:

4 Φ 16 inferiori correnti

4 Φ 16 superiori correnti

2 Φ 12 intermedi sui lati

- armature trasversali:

staffe Φ 8 con passo di 100 mm nelle zone critiche di estremità lunghe 60 cm (valore doppio del minimo), con passo 200 mm nella parte centrale;

ed è conforme alle prescrizioni normative sui dettagli costruttivi relative alle limitazioni geometriche e di armatura, a garanzia delle caratteristiche di duttilità richieste. In particolare, risulta soddisfatta la prescrizione circa il rapporto geometrico minimo dell'armatura di forza inf. e sup.:

$$\rho = (4 \times 201,0) / (400 \times 300) = 0,00670 > (1,4 / 450) = 0,00311 \text{ (valore minimo).}$$

Ne risulta l'incidenza di armatura di 170 kg/mc, comprensiva dell'incidenza delle sovrapposizioni nella luce netta della catena.

Verifiche allo SLV

La verifica a tenso-flessione retta è stata eseguita con il programma “Verifica C.A.” dell’Ing. Piero Gelfi, con il quale è stato determinato il momento resistente della sezione per i diversi valori dello sforzo normale. Nella seguente tabella è riportata la verifica più gravosa, con l’indicazione delle combinazioni (N, M_x) delle sollecitazioni di calcolo, delle sollecitazioni resistenti e del coefficiente (1/ρ_M) che misura il rapporto tra sollecitazioni resistenti e sollecitazioni di calcolo.

Catena	Nd (kN)	Mxd (kNm)	Mxr (kNm)	1/ρ _M
31	-58,07	42,97	65,04	1,51

NOTE:

- Considerato lo stato di sollecitazione omogeneo delle varie catene, le verifiche sono eseguite per coppie di valori (N_{max}; M_{max}) anche non contemporanei all’interno dello stesso elemento.

Tabella 27: Verifica catena a tenso-flessione retta - SLV

Per la verifica a taglio le sollecitazioni si determinano nella condizione di equilibrio della catena soggetta a momenti di estremità pari a quelli resistenti ed ai carichi agenti nella condizione sismica, con la:

$$V_{Ed} = \gamma_{Rd} \times (M_{sup,Rd} + M_{inf,Rd}) / l_t \pm (G1+G2) \times l_c / 2$$

nella quale:

$$\gamma_{Rd} = 1,00 \text{ (CD "B")}$$

l_c è la luce della catena

$$M_{sup,Rd} = M_{inf,Rd} = 65,04 \text{ kNm (armatura corrente doppia simmetrica)}$$

e il doppio segno indica che il taglio dovuto al carico, in ciascuna estremità si somma o si sottrae a quello dei momenti a seconda del verso dell’azione sismica.

Si riportano in tabella i valori del taglio alle estremità della catena già considerate nella verifica a flessione:

Catena	l_c (m)	(G1+G2) (kN/m)	M_r (kNm)	V+ (kN)	V- (kN)	V-/V+	V_{R1} (kN)	V_{Ed} (kN)	$V_{analisi}$ (kN)
31	5,75	6,12	±65,04	40,22	5,02	0,13<0,5	----	40,22	30,32

NOTE:

- Per il valore dei carichi si veda il paragrafo 9.2:
 $G1+G2 = 3,00+(0,65+5,59)/2 = 6,12$ kN/m
- Nelle colonne V-/V+ e V_{R1} viene eseguita la verifica richiesta al punto 7.4.4.1.2 NTC che esclude la necessità di disporre delle armature diagonali nelle zone critiche delle catene.
- A titolo di confronto, nell'ultima colonna è riportato il taglio derivante dall'analisi, che risulta comunque meno gravoso di V_{Ed} .

Tabella 28: Determinazione taglio di calcolo - SLV

Di seguito si determina la resistenza a “taglio trazione” delle armature:

$$V_{Rsd} = 0,9 \times d \times A_{sw}/s \times f_{yd} \times (\text{ctg}\alpha + \text{ctg}\theta) \times \sin \alpha$$

dove:

$d = 240$ mm altezza utile sezione

$A_{sw} = 100$ mm² area dell'armatura sul singolo strato

$s = 100$ mm l'interasse tra due strati consecutivi di armatura

$f_{yd} = 391,3$ N/mm² resistenza caratteristica di calcolo dell'armatura

$\theta = 45^\circ$ inclinazione del puntone in cls rispetto all'asse (max)

$\alpha = 90^\circ$ inclinazione delle armature rispetto all'asse

ottenendo: $V_{Rsd} = 84,52$ kN

e la resistenza a “taglio compressione” del calcestruzzo:


$$V_{Rcd} = 0,9 \times d \times b_w \times \alpha_c \times f'_{cd} \times (\text{ctg}\alpha + \text{ctg}\theta)/(1 + \text{ctg}^2\theta)$$

dove:

$d = 240$ mm altezza utile sezione

$b_w = 400$ mm larghezza della sezione

$\alpha_c = 1$ coefficiente maggiorativo (valore minimo cautelativo)

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$f'_{cd} = 8,23 \text{ N/mm}^2$ resistenza caratteristica di calcolo ridotta del cls $= 0,5 f_{cd}$
 $\theta = 45^\circ$ inclinazione del puntone in cls rispetto all'asse
 $\alpha = 90^\circ$ inclinazione delle armature rispetto all'asse
 ottenendo: $V_{Rsd} = 355,53 \text{ kN}$

e si assume la minore delle due, cioè:

$V_{Rd} = 84,52 \text{ kN}$

che risulta superiore a $V_{Ed \max} = 40,22 \text{ kN}$.

Verifiche allo SLU

Nella seguente tabella è riportata la più gravosa verifica a tenso-flessione retta, eseguita con analoga procedura.

Catena	Nd (kN)	Mxd (kNm)	Mxr (kNm)	$1/\rho_M$
31	-23,63	33,49	65,18	1,95

Tabella 29: Verifica catena a tenso-flessione retta - SLU

La verifica al taglio risulta automaticamente soddisfatta in quanto il valore massimo di calcolo:


$T_d = 32,06 \text{ kN}$ (catena 33, comb. 19).

è inferiore a quello precedentemente verificato per SLV.

Verifiche allo SLE

Nella seguente tabella sono riportate le più gravose verifiche delle tensioni di esercizio e alla fessurazione.

Per lo stato limite della fessurazione sono state considerate condizioni ambientali ordinarie e armature poco sensibili cui corrispondono valori di apertura delle fessure $w_3 = 0,4 \text{ mm}$ per la combinazione frequente e $w_2 = 0,3 \text{ mm}$ per la quasi permanente; il valore di calcolo w_d e il confronto con i valori limite è riportato in tabella.

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Catena	Comb.	N (kN)	Mx (kNm)	σ_c (N/mm ²)	σ_s (N/mm ²)	wd (mm)	wlim (mm)
31	Rara	-17,18	25,41	5,5	161,6	----	----
31	FR	-14,25	23,55	5,2	148,7	0,14	0,4
31	QP	-10,73	23,12	5,1	143,9	0,13	0,3

Tabella 30: Verifiche catena a tenso-flessione retta - SLE

con valori delle tensioni inferiori ai corrispondenti valori limite:

$$\sigma_{c, \max} = 5,5 \text{ N/mm}^2 < 0,60 \times 29,0 = 17,4 \text{ N/mm}^2 \text{ (per Rara e FR)}$$

$$\sigma_{c, \max} = 5,1 \text{ N/mm}^2 < 0,45 \times 29,0 = 13,0 \text{ N/mm}^2 \text{ (per QP)}$$

$$\sigma_{s, \max} = 161,6 \text{ N/mm}^2 < 0,8 \times 450 = 360 \text{ N/mm}^2$$

e ampiezza delle fessure entro i valori limite.

10.5 TRAVI DI FALDA

Le travi di falda hanno tutte sezione (80x26) cm e sono di fatto delle zone piene di collegamento dei pilastri, non caricate dal solaio in quanto tessuto parallelamente.

Per tutte viene adottata la seguente armatura:

- armature longitudinali:

4 Φ 16 + 3 Φ 14 inferiori correnti


4 Φ 16 + 3 Φ 14 superiori correnti

2 Φ 12 intermedi sui lati

- armature trasversali:

staffa Φ 10 perimetrale + staffa Φ 8 interna (totale 4 bracci) con passo di 100 mm nelle zone critiche di estremità lunghe 80 cm (valore maggiore del minimo), con passo 200 mm nella parte centrale.

Tale armatura è conforme alle prescrizioni normative sui dettagli costruttivi relative alle limitazioni geometriche e di armatura, a garanzia delle caratteristiche di duttilità

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richieste. In particolare, risulta soddisfatta la prescrizione circa il rapporto geometrico minimo dell'armatura di forza inf. e sup.:

$$\rho = (4 \times 201,0 + 3 \times 154,0) / (800 \times 260) = 0,00609 > (1,4 / 450) = 0,00311 \text{ (valore minimo);}$$

Ne risulta l'incidenza media di armatura di 180 kg/mc, comprensiva dell'incidenza delle sovrapposizioni nella luce netta della trave.

Verifiche allo SLV

La verifica a presso o tenso-flessione retta è stata eseguita con il programma "Verifica C.A." dell'Ing. Piero Gelfi, con il quale è stato determinato il momento resistente della sezione per i diversi valori dello sforzo normale. Nella seguente tabella sono riassunte le verifiche più gravose, con l'indicazione delle combinazioni (N, M_x) delle sollecitazioni di calcolo e delle sollecitazioni resistenti e del coefficiente (1/ρ_M) che misura il rapporto tra sollecitazioni resistenti e sollecitazioni di calcolo.

Trave falda	Comb.	Nd (kN)	Mxd (kNm)	Mxr (kNm)	1/ρ _M
39	62	-63,68	35,98	84,31	2,34
43	49	33,05	45,98	86,71	1,88

NOTE:

- Per convenzione, M_x è positivo se tende le fibre inferiori e N è positivo se di compressione


Tabella 31: Verifiche travi di falda a presso o tenso-flessione retta - SLV

Per la verifica a taglio le sollecitazioni si determinano nella condizione di equilibrio della trave di falda tipica (asta 39) soggetta a momenti di estremità pari a quelli resistenti ed ai carichi agenti nella condizione sismica, con la:

$$V_{Ed} = \gamma_{Rd} \times (M_{sup,Rd} + M_{inf,Rd}) / l_t \pm (G1 + G2) \times l_t / 2$$

nella quale:

$$\gamma_{Rd} = 1,00 \text{ (CD "B")}$$

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l_t è la luce della trave

$$M_{sup,Rd} = M_{inf,Rd} = 84,31 \text{ kNm (armatura doppia simmetrica)}$$

e il doppio segno indica che il taglio dovuto al carico, in ciascuna estremità si somma o si sottrae a quello dei momenti a seconda del verso dell'azione sismica.

Si riportano in tabella i valori del taglio alle estremità delle due travi già considerate nella verifica a flessione:

Trave	l_t (m)	(G1+G2) (kN/m)	V+ (kN)	V- (kN)	V-/V+ (kN)	V_{R1} (kN)	V_{Ed} (kN)	$V_{analisi}$ (kN)
39	6,10	8,64	53,99	1,29	0,03<0,5	-----	53,99	32,30

NOTE:

- Per il valore del carico si veda Tabella 9.3 ($G1+G2 = 6,48+2,16 = 8,64 \text{ kN/m}$).
- Nelle colonne V-/V+ e V_{R1} viene eseguita la verifica richiesta al punto 7.4.4.1.2 NTC che esclude la necessità di disporre delle armature diagonali nella zona critica della trave.
- A titolo di confronto, nell'ultima colonna è riportato il taglio derivante dall'analisi, che risulta comunque meno gravoso di V_{Ed} .

Tabella 32: Determinazione taglio di calcolo - SLV

Di seguito si determina la resistenza a "taglio trazione" delle armature:

$$V_{Rsd} = 0,9 \times d \times A_{sw}/s \times f_{yd} \times (\text{ctg}\alpha + \text{ctg}\theta) \times \sin \alpha$$

dove:

$d = 200 \text{ mm}$ altezza utile sezione

$A_{sw} = 258 \text{ mm}^2$ area dell'armatura sul singolo strato

$s = 100 \text{ mm}$ l'interasse tra due strati consecutivi di armatura


$f_{yd} = 391,3 \text{ N/mm}^2$ resistenza caratteristica di calcolo dell'armatura

$\theta = 45^\circ$ inclinazione del puntone in cls rispetto all'asse (max)

$\alpha = 90^\circ$ inclinazione delle armature rispetto all'asse

ottenendo: $V_{Rsd} = 181,72 \text{ kN}$

e la resistenza a "taglio compressione" del calcestruzzo:

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$$V_{Rcd} = 0,9 \times d \times bw \times \alpha_c \times f'_{cd} \times (\text{ctg}\alpha + \text{ctg}\theta) / (1 + \text{ctg}^2\theta)$$

dove:

$d = 200 \text{ mm}$	altezza utile sezione
$bw = 800 \text{ mm}$	larghezza della sezione
$\alpha_c = 1$	coefficiente maggiorativo (valore minimo cautelativo)
$f'_{cd} = 8,23 \text{ N/mm}^2$	resistenza caratteristica di calcolo ridotta del cls $= 0,5 f_{cd}$
$\theta = 45^\circ$	inclinazione del puntone in cls rispetto all'asse
$\alpha = 90^\circ$	inclinazione delle armature rispetto all'asse

ottenendo $V_{Rsd} = 592,56 \text{ kN}$.

e si assume la minore delle due, cioè:

$$V_{Rd} = 181,72 \text{ kN}$$

che risulta superiore a $V_{Ed \max} = 53,99 \text{ kN}$.

Verifiche allo SLU

Nella seguente tabella è riportata la più gravosa verifica a tenso-flessione retta, eseguita con analoga procedura.

Trave falda	Comb.	Nd (kN)	Mxd (kNm)	Mxr (kNm)	1/ ρ_M
39	11	-36,72	47,85	85,96	1,79


NOTE:

- Per convenzione, Mx è positivo se tende le fibre inferiori e N è positivo se di compressione

Tabella 33: Verifiche travi di falda a tenso-flessione retta - SLU

Per la verifica al taglio il valore massimo di calcolo è:

$$T_d = 41,75 \text{ kN (trave 43, Comb. 10)}$$

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inferiore al valore resistente $V_{Rd} = 181,72 \text{ kN}$.

Verifiche allo SLE

Nella seguente tabella sono riportate le più gravose verifiche delle tensioni di esercizio e alla fessurazione relative alle travi di falda.

Per lo stato limite della fessurazione sono state considerate condizioni ambientali ordinarie e armature poco sensibili cui corrispondono valori di apertura delle fessure $w_3 = 0,4 \text{ mm}$ per la combinazione frequente e $w_2 = 0,3 \text{ mm}$ per la quasi permanente; il valore di calcolo w_d e il confronto con i valori limite è riportato in tabella.

Trave di falda	Comb.	N (kN)	Mx (kNm)	σ_c (N/mm ²)	σ_s (N/mm ²)	w_d (mm)	w_{lim} (mm)
39	23-Rara	-28,20	36,19	6,2	176,1	----	----
39	34-FR	-28,37	32,84	5,6	161,0	0,165	0,4
39	39-QP	-27,90	32,18	5,5	157,8	0,157	0,3

Tabella 34: Verifiche trave a presso-flessione retta - SLE

con valori delle tensioni inferiori ai corrispondenti valori limite:

$$\sigma_{c, \max} = 7,5 \text{ N/mm}^2 < 0,60 \times 29,0 = 17,4 \text{ N/mm}^2 \text{ (per Rara e FR)}$$


$$\sigma_{c, \max} = 6,0 \text{ N/mm}^2 < 0,45 \times 29,0 = 13,0 \text{ N/mm}^2 \text{ (per QP)}$$

$$\sigma_{s, \max} = 72,8 \text{ N/mm}^2 < 0,8 \times 450 = 360 \text{ N/mm}^2$$

e ampiezza delle fessure entro i valori limite.

10.6 SOLAIO

Il solaio di copertura è latero-cementizio, con travetti tralicciati e pignatte di alleggerimento da 22 cm, soletta superiore in c.a. da 4 cm, per uno spessore totale di 26 cm. Le caratteristiche di dettaglio dei componenti prefabbricati dipenderanno dalla reale fornitura in cantiere e quindi precisate nella progettazione costruttiva. In questo

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calcolo ne vengono perciò assunte le seguenti caratteristiche ricorrenti: larghezza travetto 12 cm, interasse travetto 50 cm, assenza di armatura aggiuntiva nel fondello.

I carichi agenti (vedi capitolo 7) sono:

G1	3,20 kN/m ²	peso proprio
G2	1,80 kN/m ²	sovraccarico permanente
Gk	0,50 kN/m ²	accidentale
Gn	0,80 kN/m ²	neve

e danno luogo ai seguenti carichi di calcolo massimi in ciascuna combinazione:

SLU	1,3 G1 + 1,3 G2 + 1,5 Gn	7,70 kN/m ²
SLE-Rara	1,0 G1 + 1,0 G2 + 1,0 Gn	5,80 kN/m ²
SLE-FR	1,0 G1 + 1,0 G2 + 0,2 Gn	5,16 kN/m ²
SLE-QP	1,0 G1 + 1,0 G2	5,00 kN/m ²


Il solaio presenta configurazioni e luci diverse, tipicamente 5,75 m che, per via della tessitura in pendenza, misura in realtà 6,10 m tra gli assi delle travi d'appoggio. Le sollecitazioni vengono quindi calcolate con riferimento a detta luce teorica nello schema di trave isolata con vincolo di semi-incastro alle estremità:

$$V = 1/2qL \quad Mm = 1/10qL^2 \quad Ma = 1/10qL^2$$

e sono riportate in tabella con riferimento al singolo travetto, quindi per una striscia di solaio larga 0,50 m:

Comb.	V (kN)	Mm = Ma (kNm)
SLU	11,75	14,33
SLE-Rara	8,85	10,79
SLE-FR	7,87	9,60
SLE_QP	7,63	9,31

Tabella 35: Sollecitazioni solaio

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Per le verifiche a flessione in campata si considera la sezione a T con larghezza travetto 12 cm, larghezza ala superiore 50 cm, altezza ala 4 cm, altezza totale 26 cm, armatura in opera sul fondello 1Φ14+1Φ16 mentre per le verifiche a flessione e taglio in appoggio si considera la sezione rettangolare (12x26) cm armata con 2Φ16; in favore di sicurezza sono trascurati sia i ferri inferiori del travetto che quelli della rete elettrosaldata (Φ 8/15x15) nella soletta superiore. L'incidenza dell'armatura aggiuntiva in opera è di 23 kg/mq, comprensiva della rete superiore e delle fasce rompitratta.

Verifiche allo SLU

La verifica a flessione retta è stata eseguita con il programma "Verifica C.A." dell'Ing. Piero Gelfi, con il quale è stato determinato il momento resistente delle sezioni riportato nella seguente tabella con l'indicazione del coefficiente ($1/\rho_M$) che misura il rapporto tra sollecitazioni resistenti e sollecitazioni di calcolo.

Solaio	M (kNm)	Mr (kNm)	$1/\rho_M$
mezzeria	14,33	27,92	1,94
appoggio	-14,33	-19,91	1,39

NOTE:

- Per convenzione, M è positivo se tende le fibre inferiori

Tabella 36: Verifiche solaio a flessione - SLU

Per la verifica a taglio si determina la resistenza della sezione per la quale non è prevista una specifica armatura resistente per questa sollecitazione, come consentito dalla norma (punto 4.1.2.1.3.1 del DM 2008) in assenza di sforzi di trazione. La resistenza al taglio è:

$$V_{RD} = [0,18 \times k \times (100 \times \rho_1 \times f_{ck})^{1/3} / \gamma_c + 0,15 \times \sigma_{cp}] \times b_w \times d = 18585 \text{ N} = \mathbf{20,52 \text{ kN/m}}$$

dove:

$b_w = 120 \text{ mm}$

larghezza sezione

 $d = 210 \text{ mm}$

altezza utile sezione

 $k = 1 + (200/d)^{1/2} \leq 2$

 in questo caso: $k = 1,97$
 $\rho_1 = 355/(120 \times 210) = 0,01409$

rapporto geometrico armatura longitudinale

 $f_{ck} = 29,0 \text{ N/mm}^2$

resistenza caratteristica cilindrica del cls

 $\gamma_c = 1,5$

coefficiente parziale di sicurezza per il cls

 $\sigma_{cp} = 0$

tens. media compr. (nulla, in favore di sicurezza)

che risulta superiore a $V_{Ed} = 11,75 \text{ kN}$.

Verifiche allo SLE

Nella seguente tabella sono riportate le più gravose verifiche delle tensioni di esercizio relative al solaio.

Solaio	Comb.	M (kNm)	σ_c (N/mm ²)	σ_s (N/mm ²)
mezzeria	SLE-Ra	10,79	4,1	157,8
mezzeria	SLE-FR	9,60	3,7	140,4
mezzeria	SLE-QP	9,31	3,6	136,2
appoggio	SLE-Ra	-10,79	7,9	154,6
appoggio	SLE-FR	-9,60	7,1	137,5
appoggio	SLE-QP	-9,31	6,8	133,4


Tabella 37: Verifiche solaio a flessione retta - SLE

con valori delle tensioni inferiori ai corrispondenti valori limite:

$$\sigma_{c, \max} = 7,9 \text{ N/mm}^2 < 0,60 \times 29,0 = 17,4 \text{ N/mm}^2 \text{ (per Rara e FR)}$$

$$\sigma_{c, \max} = 6,8 \text{ N/mm}^2 < 0,45 \times 29,0 = 13,0 \text{ N/mm}^2 \text{ (per QP)}$$

$$\sigma_{s, \max} = 157,8 \text{ N/mm}^2 < 0,8 \times 450 = 360 \text{ N/mm}^2$$

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Nei riguardi della fessurazione si osserva che il modesto valore delle trazioni nell'armatura (max 140,4 N/mm² per FR e 136,2 N/mm² per QP) costituisce una verifica indiretta ma significativa nei riguardi di questo stato limite. Per dette combinazioni risultano infatti valori di ampiezza delle fessure pari a wd = 0,120 mm per Fr e wd = 0,110 mm per QP, in entrambi i casi inferiori ai valori limite per armature poco sensibili in ambiente ordinario. La presenza del fondello in intradosso e della rete elettrosaldata in estradosso costituisce un'ulteriore garanzia al riguardo.

10.7 CORNICIONE

Il cornicione è una soletta piena in c. a. dello spessore di 18 cm.

I carichi agenti (vedi capitolo 7) sono:

- G1 5,00 kN/m² peso proprio ripartito + peso veletta in punta di 2,06 kN
- G2 1,20 kN/m² sovraccarico permanente
- Gk 0,50 kN/m² accidentale
- Gn 1,30 kN/m² neve (valore massimo relative alle falde di compluvio)

e danno luogo ai seguenti carichi di calcolo massimi in ciascuna combinazione:


- SLU 1,3 G1 + 1,3 G2 + 1,5 Gn 9,36 kN/m² e 2,68 kN/m in punta
- SLE-Rara 1,0 G1 + 1,0 G2 + 1,0 Gn 7,00 kN/m² e 2,06 kN/m in punta
- SLE-FR 1,0 G1 + 1,0 G2 + 0,2 Gn 5,96 kN/m² e 2,06 kN/m in punta
- SLE-QP 1,0 G1 + 1,0 G2 5,70 kN/m² e 2,06 kN/m in punta

Le sollecitazioni vengono calcolate sullo schema di mensola incastrata nella trave perimetrale sulla luce di 1,00 m:

$$V = qL + Q \quad M = 1/2qL^2 + QL$$

e sono riportate in tabella con riferimento ad una striscia di cornicione larga 1,00 m:

Comb.	V	Mm = Ma
-------	---	---------

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	(kN)	(kNm)
SLU	12,04	7,36
SLE-Rara	9,06	5,56
SLE-FR	8,02	5,04
SLE_QP	7,76	4,91

Tabella 38: Sollecitazioni cornicione

Per le verifiche a flessione e taglio si considera la sezione rettangolare (100x18) cm armata con Φ 14/20 superiori e Φ 12/20 inferiori (armatura superiore al minimo) in direzione trasversale e con ripartitori longitudinali Φ 12/20 inferiori e superiori. L'incidenza dell'armatura in opera del cornicione risulta di 160 kg/mc mentre per la veletta, armata con Φ 12/20 nelle due direzioni, è di 140 kg/mc.

Verifiche allo SLU

La verifica a flessione retta è stata eseguita con il programma "Verifica C.A." dell'Ing. Piero Gelfi, con il quale è stato determinato il momento resistente della sezione riportato nella seguente tabella con l'indicazione del coefficiente ($1/\rho_M$) che misura il rapporto tra sollecitazioni resistenti e sollecitazioni di calcolo.

Cornicione	M (kNm)	Mr (kNm)	$1/\rho_M$
incastro	7,36	38,96	5,29

Tabella 39: Verifica cornicione a flessione - SLU

Per la verifica a taglio si determina la resistenza della sezione per la quale non è prevista una specifica armatura resistente per questa sollecitazione, come consentito dalla norma (punto 4.1.2.1.3.1 del DM 2008) in assenza di sforzi di trazione. La resistenza al taglio è:

$$V_{RD} = [0,18 \times k \times (100 \times \rho_1 \times f_{ck})^{1/3} / \gamma_c + 0,15 \times \sigma_{cp}] \times b_w \times d = 75504 \text{ N} = \mathbf{75,50 \text{ kN/m}}$$

dove:

$$b_w = 1000 \text{ mm}$$

larghezza sezione

$$d = 130 \text{ mm}$$

altezza utile sezione

$$k = 1 + (200/d)^{1/2} \leq 2$$

in questo caso: $k = 2,00$

$$\rho_1 = 770 / (1000 \times 180) = 0,00428$$

rapporto geometrico armatura longitudinale

$$f_{ck} = 33,2 \text{ N/mm}^2$$

resistenza caratteristica cilindrica del cls

$$\gamma_c = 1,5$$

coefficiente parziale di sicurezza per il cls

$$\sigma_{cp} = 0$$

tens. media compr. (nulla, in favore di sicurezza)

che risulta superiore a $V_{Ed} = 9,06 \text{ kN}$.

Verifiche allo SLE

Nella seguente tabella sono riportate le più gravose verifiche delle tensioni di esercizio relative al cornicione.

Cornicione	Comb.	M (kNm)	σ_c (N/mm ²)	σ_s (N/mm ²)
incastro	SLE-Ra	-5,56	2,2	62,1
Incastro	SLE-FR	-5,04	2,0	56,3
Incastro	SLE-QP	-4,91	2,0	54,8


Tabella 40: Verifiche cornicione a flessione retta - SLE

con valori delle tensioni abbondantemente inferiori ai corrispondenti valori limite:

$$\sigma_{c, \max} = 2,2 \text{ N/mm}^2 < 0,60 \times 33,2 = 19,9 \text{ N/mm}^2 \text{ (per Rara e FR)}$$

$$\sigma_{c, \max} = 2,0 \text{ N/mm}^2 < 0,45 \times 33,2 = 14,9 \text{ N/mm}^2 \text{ (per QP)}$$

$$\sigma_{s, \max} = 62,1 \text{ N/mm}^2 < 0,8 \times 450 = 360 \text{ N/mm}^2$$

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Nei riguardi della fessurazione si osserva che il modesto valore delle trazioni nell'armatura costituisce una verifica indiretta ma significativa nei riguardi di questo stato limite.

10.8 VERIFICA AGLI SLE PER AZIONI SISMICHE

10.8.1 VERIFICA DANNEGGIAMENTO DEGLI ELEMENTI STRUTTURALI

Per limitare i danneggiamenti strutturali, le sollecitazioni calcolate in presenza di sisma SLD, con coefficiente $\eta = 2/3$, devono risultare inferiori ai corrispondenti valori di progetto calcolati assumendo coefficienti parziali unitari per i materiali.

In proposito si osserva che:

- nel paragrafo 9.3 è stata determinata la forza sismica totale per i diversi stati limite e quella per SLD (790,09 kN) è risultata inferiore a quella dello SLV (818,31 kN);
- le verifiche dei diversi elementi strutturali eseguite nei precedenti punti di questo capitolo si riferiscono allo SLV, con coefficienti parziali dei materiali $\gamma_C=1,5$ per il calcestruzzo e $\gamma_C=1,15$ l'acciaio d'armatura.

Da quanto sopra si evince che la verifica SLD in questione confronta sollecitazioni minori e resistenze maggiori rispetto alla verifica SLV e pertanto risulta indirettamente soddisfatta per tutti gli elementi strutturali.


10.8.2 VERIFICA DANNO AGLI ELEMENTI NON STRUTTURALI

Per limitare i danni agli elementi non strutturali, lo spostamento dell'unico piano del fabbricato in presenza di sisma SLO deve rispettare la condizione:

$$d_r = 2/3 \times 0,005 h$$

considerata la presenza di tamponamenti che interferiscono con la deformabilità della struttura, con h altezza del piano stesso.

In proposito si osserva che:

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- nel paragrafo 9.3 è stata determinata la forza sismica totale per i diversi stati limite e quella per SLO è risultata 951,34 kN, quindi superiore a quella dello SLV, pari a 818,31 kN;
- dall'analisi del modello spaziale eseguita per SLV è risultato uno spostamento del piano pari a 0,00481 mm in direzione X (longitudinale) per il nodo 25 nella comb. 45, e pari a 0,00608 mm in direzione Y (trasversale) per il nodo 27 nella comb. 70;

Da quanto sopra si può determinare lo spostamento limite con $h = 4,57$ m:

$$d_r = 2/3 \times 0,005 \times 4570 = 15,23 \text{ mm}$$

e lo spostamento massimo per SLO (nella direzione trasversale), per proporzione delle forze sismiche:

$$d_y = 0,00608 \times (951,34/818,31) = 0,00707 \text{ m} = 7,07 \text{ mm}$$

che risulta inferiore a d_r e quindi la verifica è soddisfatta.


11 VERIFICHE DI SICUREZZA STRUTTURA IN FONDAZIONE

11.1 VERIFICHE GEOTECNICHE

La struttura di fondazione è costituita da un reticolo di travi. E' prevista una trave perimetrale a "T rovescia" con suola di (100x40) cm e anima di (45x80) cm, una trave longitudinale "di spina" anch'essa a T rovescia con suola di (140x40) cm e anima di (40x80) cm, travi di collegamento poste sugli allineamenti strutturali trasversali e delle murature interne ancora a T rovescia con suola di (80x40) cm e anima di (30x80) cm; per tutte l'altezza totale è di 120 cm.

Come illustrato nel capitolo 6, il terreno di appoggio è costituito dal rilevato e le tensioni indotte dalla fondazione superficiale si sviluppano interamente all'interno dello strato riportato, bonifico più rilevato, senza interessare il terreno in situ.

Il modello impiegato per l'analisi globale della struttura comprende anche le travi rovesce di fondazione e la reattività verticale offerta dal terreno di base è stata schematizzata con molle alla Winkler con costante elastica $K_w = 10000 \text{ kN/m}^3$.

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Le verifiche geotecniche consistono sostanzialmente nella verifica di capacità portante che viene condotta seguendo l'Approccio 2: (A1 + M1 + R3), con i coefficienti parziali indicati in dettaglio nel capitolo 8, quindi con coefficienti parziali unitari per le caratteristiche del terreno e pari a 2,3 per la fondazione superficiale.

Dall'analisi dei risultati del calcolo spaziale risulta una distribuzione sostanzialmente omogenea degli abbassamenti e quindi della reazione del terreno, come era nelle attese data la notevole rigidità delle travi rovesce. A titolo di esempio si riportano gli abbassamenti dei punti posti sulla verticale dei pilastri del filo B di carpenteria, trave longitudinale "di spina", per la combinazione quasi permanente (comb. 39: pesi propri e carichi portati):

Pilastro	6	7	8	9	10
dz (mm)	7,49	7,90	7,85	7,90	7,49


Tabella 41: Abbassamenti filo B per la combinazione QP

dalla quale risulta un rapporto min/max pari a 0,95. Una conferma è data dal dettaglio degli abbassamenti dei punti intermedi ai pilastri, al passo medio di 1,10 m, ad esempio del tronco di trave del filo B, dal pilastro 7 al pilastro 8, per la stessa combinazione quasi permanente:

Pilastro	7	61	62	63	64	65	8
dz (mm)	7,90	7,92	7,89	7,85	7,84	7,84	7,85

Tabella 42: Abbassamenti filo B per la combinazione QP – da pil. 7 a pil. 8

Dagli abbassamenti letti sul tabulato di calcolo si ricavano le pressioni sul terreno semplicemente moltiplicando per la costante Kw. La distribuzione è sostanzialmente uniforme con i seguenti valori massimi:

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dz max = 0,01107 m nodo 3 comb. 12 (SLU 4 di Tab. 8a)
 dz max = 0,01019x1,1 = 0,01121 m nodo 1 comb. 73 (SLV 34 di Tab. 11)

dove il moltiplicatore 1,1 applicato alla combinazione sismica tiene conto della richiesta di sovrarresistenza rispetto alle azioni di calcolo trasmesse dalla struttura in elevazione (cfr. 7.2.5 NTC).

La pressione massima risulta:

$$\begin{aligned}
 q_t &= 0,01107 \times 10000 = 111 \text{ kN/m}^2 && \text{per SLU} \\
 q_t &= 0,01121 \times 10000 = 112 \text{ kN/m}^2 && \text{per SLV}
 \end{aligned}$$

La pressione limite q_{lim} è stata determinata con la formula generale di Brinch-Hansen (1970) (rif. Lancellotta R., Geotecnica, II edizione – 1993) sulla base dei parametri geotecnici minimi di cui al capitolo 6. Se ne riporta il calcolo tabellare eseguito per la trave perimetrale larga 1,00 m e lunga 25,50 m, per quella longitudinale “di spina” larga 1,40 e lunga 25,50 m e, infine, per la trave trasversale interna larga 0,80 m e lunga 11,50 m. Il calcolo riporta direttamente anche la pressione “ammissibile” ottenuta dividendo per il coefficiente parziale 2,3 il cui valore minimo è 599 kPa = 599 kN/m².

Formula generale:		
$Q_{lim} = 1/2 g' B N_y s_y i_y b_y g_y + c' N_c s_c d_c i_c b_c g_c + q' N_q s_q d_q i_q b_q g_q$		
Dati d'ingresso:		
Terreno di fondazione		
Coesione (c')	0	kPa
Angolo di attrito (ϕ')	35	°
Peso di volume terreno di fondazione (γ_1)	19,0	kN/m ³
Peso di volume terreno sopra fondazione (γ_2)	19,0	kN/m ³
Inclinazione piano campagna	0	°
Fondazione		
Larghezza (B)	1,0	m
Lunghezza (L)	25,5	m
Profondità piano di posa (D)	1,2	
Eccentricità dei carichi (e)	0,0	m
Inclinazione piano di posa	0	°
Carichi inclinati		
Componente orizzontale (H)	0	t
Componente verticale (N)	0	t
Fattori capacità portante		
N_y	48,03	
N_c	46,12	
N_q	33,30	
Fattori forma della fondazione		
s_y	1,01	
s_c	1,03	
s_q	1,01	
Fattori inclinazione del carico		
i_y	1,00	
i_c	1,00	
i_q	1,00	
Fattori inclinazione piano di posa		
b_y	1,00	
b_c	1,00	
b_q	1,00	
Fattori inclinazione piano campagna		
g_y	1,00	
g_c	1,00	
g_q	1,00	
Fattori profondità piano di posa		
d_c	1,23	
d_q	1,22	
Risultato:		
Pressione limite (Q_{lim})	1404,8	kPa
Coefficiente di sicurezza	2,3	
Pressione ammissibile (Q_{amm})	623,7	kPa


Tabella 43: qlim trave perimetrale

Formula generale:		
$Q_{lim} = 1/2 g' B N_y s_y i_y b_y g_y + c' N_c s_c d_c i_c b_c g_c + q' N_q s_q d_q i_q b_q g_q$		
Dati d'ingresso:		
Terreno di fondazione		
Coesione (c)	0	kPa
Angolo di attrito (ϕ)	35	°
Peso di volume terreno di fondazione (γ_1)	19,0	kN/m ³
Peso di volume terreno sopra fondazione (γ_2)	19,0	kN/m ³
Inclinazione piano campagna	0	°
Fondazione		
Larghezza (B)	1,4	m
Lunghezza (L)	25,5	m
Profondità piano di posa (D)	1,2	
Eccentricità dei carichi (e)	0,0	m
Inclinazione piano di posa	0	°
Carichi inclinati		
Componente orizzontale (H)	0	t
Componente verticale (N)	0	t
Fattori capacità portante		
N_y	48,03	
N_c	46,12	
N_q	33,30	
Fattori forma della fondazione		
s_y	1,02	
s_c	1,04	
s_q	1,02	
Fattori inclinazione del carico		
i_y	1,00	
i_c	1,00	
i_q	1,00	
Fattori inclinazione piano di posa		
b_y	1,00	
b_c	1,00	
b_q	1,00	
Fattori inclinazione piano campagna		
g_y	1,00	
g_c	1,00	
g_q	1,00	
Fattori profondità piano di posa		
d_c	1,23	
d_q	1,22	
Risultato:		
Pressione limite (Q_{lim})	1595,3	kPa
Coefficiente di sicurezza	2,3	
Pressione ammissibile (Q_{amm})	706,5	kPa

 Tabella 44: q_{lim} trave longitudinale “di spina”

Formula generale:		
$Q_{lim} = 1/2 g' B N_y s_y i_y b_y g_y + c' N_c s_c d_c i_c b_c g_c + q' N_q s_q d_q i_q b_q g_q$		
Dati d'ingresso:		
Terreno di fondazione		
Coesione (c')	0	kPa
Angolo di attrito (ϕ')	35	°
Peso di volume terreno di fondazione (γ_1)	19,0	kN/m ³
Peso di volume terreno sopra fondazione (γ_2)	19,0	kN/m ³
Inclinazione piano campagna	0	°
Fondazione		
Larghezza (B)	0,8	m
Lunghezza (L)	11,5	m
Profondità piano di posa (D)	1,2	
Eccentricità dei carichi (e)	0,0	m
Inclinazione piano di posa	0	°
Carichi inclinati		
Componente orizzontale (H)	0	t
Componente verticale (N)	0	t
Fattori capacità portante		
N_y	48,03	
N_c	46,12	
N_q	33,30	
Fattori forma della fondazione		
s_y	1,03	
s_c	1,05	
s_q	1,03	
Fattori inclinazione del carico		
i_y	1,00	
i_c	1,00	
i_q	1,00	
Fattori inclinazione piano di posa		
b_y	1,00	
b_c	1,00	
b_q	1,00	
Fattori inclinazione piano campagna		
g_y	1,00	
g_c	1,00	
g_q	1,00	
Fattori profondità piano di posa		
d_c	1,26	
d_q	1,25	
Risultato:		
Pressione limite (Q_{lim})	1347,9	kPa
Coefficiente di sicurezza	2,3	
Pressione ammissibile (Q_{amm})	598,9	kPa

 Tabella 45: q_{lim} trave trasversale interna

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Risulta:

$$q_{t_{max}} = 112 \text{ kN/m}^2 < q_{lim}/2,3 = 599 \text{ kN/m}^2$$

e la verifica di capacità portante del terreno è soddisfatta.

11.2 VERIFICHE STRUTTURALI TRAVI DI FONDAZIONE


Le travi di fondazione a T rovescia hanno dimensioni diverse, come segue:

- travi perimetrali: larghezza anima 45 cm, larghezza ala inferiore 100 cm, altezza ala 40 cm, altezza totale 120 cm e sono individuate come gruppo 1;
- trave longitudinale “di spina”: larghezza anima 40 cm, larghezza ala inferiore 140 cm, altezza ala 40 cm, altezza totale 120 cm ed è individuata come gruppo 2;
- travi trasversali interne: larghezza anima 30 cm, larghezza ala inferiore 80 cm, altezza ala 40 cm, altezza totale 120 cm e sono individuate come gruppo 3.

Per tutte viene adottata la seguente armatura:

- armature longitudinali:
 - 4 Φ 20 inferiori correnti nell’anima + 2 Φ 20 spezzoni inferiori aggiunti sotto i pilastri nella trave del gruppo 2, in secondo strato, legati alle staffe perimetrali
 - 4 Φ 20 superiori correnti nell’anima
 - Φ 12 reggistaffe e intermedi sui lati dell’ala e dell’anima, correnti, in numero di 14 per i gruppi 1 e 3 e in numero di 18 per il gruppo 2
- armature trasversali:
 - staffa Φ 12 dell’anima + staffa dell’ala, Φ 12 per i gruppi 1 e 3 e Φ 14 per il gruppo 2, con passo di 150 mm per un tratto di 90 cm alle estremità, con passo 200 mm nella parte centrale.

Tale armatura è conforme alle prescrizioni normative sui dettagli costruttivi relative alle limitazioni di armatura; in particolare l’armatura longitudinale inf. e sup. (12,56 cm²) risulta di poco superiore al minimo (0,2/100x45x120= 10,80 cm²) riferito all’anima delle travi principali con sezione maggiore. Ne risulta l’incidenza di armatura di 120

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kg/mc per il gruppo 1, di 130 kg/mc per il gruppo 2 e 150 kg/mc per il gruppo 3, comprensiva dell'incidenza delle sovrapposizioni nella luce netta della trave.

Nelle seguenti verifiche verrà richiamato il numero della trave con il gruppo di appartenenza e indicata la sezione di verifica: mezzeria (m) o appoggio (a); in tutti i casi verrà considerata reagente solo l'armatura dell'anima.

Verifiche allo SLV

La verifica a flessione retta è stata eseguita con il programma "Verifica C.A." dell'Ing. Piero Gelfi, con il quale è stato determinato il momento resistente della sezione. Nella seguente tabella sono riassunte le verifiche più gravose, con l'indicazione delle sollecitazioni di calcolo (M_x) e delle sollecitazioni resistenti e del coefficiente ($1/\rho_M$) che misura il rapporto tra sollecitazioni resistenti e sollecitazioni di calcolo.

Trave fond.	Comb.	M_x (kNm)	γ_{Rd}	M_{xd} (kNm)	M_{xr} (kNm)	$1/\rho_M$
127-1-m	73	244,48	1,1	268,93	552,00	2,05
59-1-a	52	-281,93	1,1	-310,12	-541,50	1,74
78-2-m	58	155,18	1,1	170,70	555,40	3,25
83-2-a	55	-333,29	1,1	-366,62	-784,40	2,14
138-3-m	75	121,12	1,1	133,23	549,40	4,12
142-3-a	72	-150,79	1,1	-165,87	-534,90	3,22

NOTE:

- I momenti flettenti risultanti dall'analisi vengono amplificati con $\gamma_{Rd} = 1,1$ per tenere conto della richiesta di sovrarresistenza rispetto alle azioni trasmesse dalla struttura in elevazione (cfr. 7.2.5 NTC).
- Per convenzione, M_x è positivo se tende le fibre superiori.

Tabella 46: Verifiche travi rovesce a flessione retta - SLV

Per la verifica a taglio si determina la resistenza a "taglio trazione" delle armature:

$$V_{Rsd} = 0,9 \times d \times A_{sw}/s \times f_{yd} \times (\text{ctg}\alpha + \text{ctg}\theta) \times \sin \alpha$$

dove:

$d = 1140 \text{ mm}$ altezza utile sezione

$A_{sw} = 226 \text{ mm}^2$ area dell'armatura sul singolo strato

$s = 150 \text{ mm}$ l'interasse tra due strati consecutivi di armatura

$f_{yd} = 391,3 \text{ N/mm}^2$ resistenza caratteristica di calcolo dell'armatura

$\theta = 45^\circ$ inclinazione del puntone in cls rispetto all'asse (max)

$\alpha = 90^\circ$ inclinazione delle armature rispetto all'asse

ottenendo: $V_{Rsd} = 604,89 \text{ kN}$, valido per tutti i gruppi,

e la resistenza a "taglio compressione" del calcestruzzo:

$$V_{Rcd} = 0,9 \times d \times b_w \times \alpha_c \times f'_{cd} \times (\text{ctg}\alpha + \text{ctg}\theta) / (1 + \text{ctg}^2\theta)$$

dove:

$d = 1140 \text{ mm}$ altezza utile sezione

$b_w = 450 \text{ mm} / 400 \text{ mm} / 300 \text{ mm}$ larghezza della sezione

$\alpha_c = 1$ coefficiente maggiorativo (valore minimo cautelativo)

$f'_{cd} = 7,05 \text{ N/mm}^2$ resistenza caratteristica di calcolo ridotta del cls $= 0,5 f_{cd}$

$\theta = 45^\circ$ inclinazione del puntone in cls rispetto all'asse

$\alpha = 90^\circ$ inclinazione delle armature rispetto all'asse


ottenendo: $V_{Rsd} = 1627,49 \text{ kN}$ per il gruppo 1, $V_{Rsd} = 1446,65 \text{ kN}$ per il gruppo 2 e $V_{Rsd} = 1084,98 \text{ kN}$ per il gruppo 3.

e si assume la minore delle due, cioè:

$$V_{Rd} = 604,89 \text{ kN}$$

che risulta superiore al massimo taglio di calcolo $V_{Ed \text{ max}} = (1,1 \times 199,58) = 219,54 \text{ kN}$ (asta 82, gruppo 2, comb. 51), anche questo incrementato del coefficiente $\gamma_{Rd} = 1,1$.

Verifiche allo SLU

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Nella seguente tabella sono riportate le più gravose verifiche a flessione retta, eseguita con analoga procedura.

Trave fond.	Comb.	Mxd (kNm)	Mxr (kNm)	1/ρ _M
127-1-m	19	168,69	552,00	3,27
58-1-a	11	-181,93	-541,50	2,97
78-2-m	14	166,96	555,40	3,32
83-2-a	9	-359,75	-784,40	2,18
138-3-m	16	110,85	549,40	4,95
142-3-a	12	-117,78	-534,90	4,54

NOTE:

- Per convenzione, Mx è positivo se tende le fibre superiori.

Tabella 47: Verifiche travi rovesce a flessione retta - SLU

Per la verifica al taglio il valore massimo di calcolo è:

$T_d = 255,69$ kN (trave 82, gruppo 2, Comb. 10)


inferiore al valore resistente $V_{Rd} = 604,89$ kN.

Verifiche allo SLE

Nella seguente tabella sono riportate le più gravose verifiche delle tensioni di esercizio e alla fessurazione.

Per lo stato limite della fessurazione sono state considerate condizioni ambientali ordinarie e armature poco sensibili cui corrispondono valori di apertura delle fessure $w_3 = 0,4$ mm per la combinazione frequente e $w_2 = 0,3$ mm per la quasi permanente; il valore di calcolo w_d e il confronto con i valori limite è riportato in tabella.

Trave fond.	Comb.	Mx (kNm)	σ (N/mm ²)	σ _s (N/mm ²)	w _d (mm)	w _{lim} (mm)
-------------	-------	----------	------------------------	-------------------------------------	---------------------	-----------------------

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58-1-m	23-Rara	-136,84	1,9	102,5	----	----
58-1-m	38-FR	-119,28	1,6	89,3	No fess	0,4
58-1-m	39-QP	-116,66	1,6	87,4	No fess	0,3
83-2-m	21-Rara	-272,27	3,5	140,3	----	----
83-2-m	34-FR	-248,47	3,2	128,1	No fess	0,4
83-2-m	39-QP	-243,23	3,1	125,3	No fess	0,3
142-3-m	24-Rara	-88,13	1,5	66,5	----	----
142-3-m	34-FR	-73,96	1,3	55,8	No fess	0,4
142-2-m	39-QP	-72,12	1,2	54,4	No fess	0,3

Tabella 48: Verifiche travi rovesce a flessione retta - SLE

con valori delle tensioni abbondantemente inferiori ai corrispondenti valori limite:

$$\sigma_{c, \max} = 3,5 \text{ N/mm}^2 < 0,60 \times 24,9 = 14,9 \text{ N/mm}^2 \text{ (per Rara e FR)}$$

$$\sigma_{c, \max} = 3,1 \text{ N/mm}^2 < 0,45 \times 24,9 = 11,2 \text{ N/mm}^2 \text{ (per QP)}$$

$$\sigma_{s, \max} = 140,3 \text{ N/mm}^2 < 0,8 \times 450 = 360 \text{ N/mm}^2$$

Si osserva che in tutti i casi le tensioni nelle armature sono molto basse, il momento agente risulta inferiore a quello di prima fessurazione e quindi la sezione non si fessura.

12 ALLEGATO 1: TABULATO DI CALCOLO

Il tabulato si compone di migliaia di pagine e allegarlo fisicamente renderebbe la relazione materialmente non gestibile e di difficile consultazione. Pertanto se ne riporta il file in formato .DOC nel dvd allegato.

FABBRICATO SSE km 26+290

ALLEGATO 1 ALLA RELAZIONE DI CALCOLO STRUTTURALE- TABULATO DI CALCOLO

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Fri Apr 17 17:54:53 2015

1GTICES/C-NP 2.5.0 MD-NT 2.0, January 1995.
Proprietary to Georgia Tech Research Corporation, U.S.A.

Reading password file C:\Programmi\GTStrudl\25\gtaccess.dat
CI-i-audfile, Command AUDIT file FILE1754.aud has been activated.

*** G T S T R U D L ***

RELEASE DATE	VERSION	COMPLETION NO.
August 30, 2000	25.0	4085

**** ACTIVE UNITS -	LENGTH	WEIGHT	ANGLE	TEMPERATURE	TIME
**** ASSUMED TO BE	INCH	POUND	RADIAN	FAHRENHEIT	SECOND

```
{ 1} > $ -----  
{ 2} > $ This is the Common Startup Macro; put your company-wide startup commands here.  
{ 3} > $ You can edit this file from Tools -- Macros. Click "Startup" and then "Edit".  
{ 4} > $ -----  
  
{ 1} > CINPUT 'C:\Documents and -  
{ 2} > _SettingsDesktop\Rinf_SSE_26+290_Finale.DAT'
```

{ 3} > STRUDL 'SSE_26+290'

```
*****
*
* *****
* ***** G T S T R U D L *****
* ** **
* ** ***** **
* ** ***** ***** ** ** ***** **
* ** ***** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** **
* ** ***** ** ***** ** ** ** ** ** ** ** **
* ***** ** ***** ** ** ** ** ** ** **
* ***** ** ** ** ** ** ** ** ** ** ** ** **
* ** ***** ** ** ** ** ** ** ** ** ** **
* ** ***** ** ** ** ** ** ** **
* **
* **
* ** OWNED BY AND PROPRIETARY TO THE
* ** GEORGIA TECH RESEARCH CORPORATION
*
* RELEASE DATE VERSION COMPLETION NO.
* August 30, 2000 25.0 4085
*
*****
```

```
**** ACTIVE UNITS - LENGTH WEIGHT ANGLE TEMPERATURE TIME
**** ASSUMED TO BE INCH POUND Radian FAHRENHEIT SECOND
```

```
{ 4} >
{ 5} > $ ----- SCHEMA DI CALCOLO : TELAIO SPAZIALE -----
{ 6} > TYPE SPACE FRAME
{ 7} >
{ 8} > $ ----- UNITA' DI MISURA -----
{ 9} > UNIT MET KN
{ 10} >
{ 11} > $ ----- COORDINATE DEI NODI -----
{ 12} > JOINT COOR
{ 13} > $ Spiccato
{ 14} > 1 X 0.0 Y 0.0 Z 0.0
{ 15} > 2 X 6.40 Y 0.0 Z 0.0
{ 16} > 3 X 12.75 Y 0.0 Z 0.0
{ 17} > 4 X 19.10 Y 0.0 Z 0.0
{ 18} > 5 X 25.50 Y 0.0 Z 0.0
{ 19} > 6 X 0.0 Y 5.75 Z 0.0
{ 20} > 7 X 6.40 Y 5.75 Z 0.0
```

```
{ 21} > 8 X 12.75 Y 5.75 Z 0.0
{ 22} > 9 X 19.10 Y 5.75 Z 0.0
{ 23} > 10 X 25.50 Y 5.75 Z 0.0
{ 24} > 11 X 0.0 Y 11.50 Z 0.0
{ 25} > 12 X 6.40 Y 11.50 Z 0.0
{ 26} > 13 X 12.75 Y 11.50 Z 0.0
{ 27} > 14 X 19.10 Y 11.50 Z 0.0
{ 28} > 15 X 25.50 Y 11.50 Z 0.0
{ 29} >
{ 30} > $ Livello catene
{ 31} > 16 X 0.0 Y 0.0 Z 4.57
{ 32} > 17 X 6.40 Y 0.0 Z 4.57
{ 33} > 18 X 12.75 Y 0.0 Z 4.57
{ 34} > 19 X 19.10 Y 0.0 Z 4.57
{ 35} > 20 X 25.50 Y 0.0 Z 4.57
{ 36} > 21 X 0.0 Y 5.75 Z 4.57
{ 37} > 22 X 6.40 Y 5.75 Z 4.57
{ 38} > 23 X 12.75 Y 5.75 Z 4.57
{ 39} > 24 X 19.10 Y 5.75 Z 4.57
{ 40} > 25 X 25.50 Y 5.75 Z 4.57
{ 41} > 26 X 0.0 Y 11.50 Z 4.57
{ 42} > 27 X 6.40 Y 11.50 Z 4.57
{ 43} > 28 X 12.75 Y 11.50 Z 4.57
{ 44} > 29 X 19.10 Y 11.50 Z 4.57
{ 45} > 30 X 25.50 Y 11.50 Z 4.57
{ 46} >
{ 47} > $ Copertura
{ 48} > 31 X 5.75 Y 5.75 Z 7.05
{ 49} > 32 X 6.40 Y 5.75 Z 7.05
{ 50} > 33 X 12.75 Y 5.75 Z 7.05
{ 51} > 34 X 19.10 Y 5.75 Z 7.05
{ 52} > 35 X 19.75 Y 5.75 Z 7.05
{ 53} >
{ 54} > $ Fondazione
{ 55} > 36 X 1.00 Y 0.0 Z 0.0
{ 56} > 37 X 2.10 Y 0.0 Z 0.0
{ 57} > 38 X 3.20 Y 0.0 Z 0.0
{ 58} > 39 X 4.30 Y 0.0 Z 0.0
{ 59} > 40 X 5.40 Y 0.0 Z 0.0
{ 60} > 41 X 7.40 Y 0.0 Z 0.0
{ 61} > 42 X 8.50 Y 0.0 Z 0.0
{ 62} > 43 X 9.60 Y 0.0 Z 0.0
{ 63} > 44 X 10.70 Y 0.0 Z 0.0
{ 64} > 45 X 11.80 Y 0.0 Z 0.0
{ 65} > 46 X 13.70 Y 0.0 Z 0.0
{ 66} > 47 X 14.80 Y 0.0 Z 0.0
{ 67} > 48 X 15.90 Y 0.0 Z 0.0
{ 68} > 49 X 17.00 Y 0.0 Z 0.0
{ 69} > 50 X 18.10 Y 0.0 Z 0.0
{ 70} > 51 X 20.10 Y 0.0 Z 0.0
```


{ 71} > 52 X 21.20 Y 0.0 Z 0.0
{ 72} > 53 X 22.30 Y 0.0 Z 0.0
{ 73} > 54 X 23.40 Y 0.0 Z 0.0
{ 74} > 55 X 24.50 Y 0.0 Z 0.0
{ 75} >
{ 76} > 56 X 1.00 Y 5.75 Z 0.0
{ 77} > 57 X 2.10 Y 5.75 Z 0.0
{ 78} > 58 X 3.20 Y 5.75 Z 0.0
{ 79} > 59 X 4.30 Y 5.75 Z 0.0
{ 80} > 60 X 5.40 Y 5.75 Z 0.0
{ 81} > 61 X 7.40 Y 5.75 Z 0.0
{ 82} > 62 X 8.50 Y 5.75 Z 0.0
{ 83} > 63 X 9.60 Y 5.75 Z 0.0
{ 84} > 64 X 10.70 Y 5.75 Z 0.0
{ 85} > 65 X 11.80 Y 5.75 Z 0.0
{ 86} > 66 X 13.70 Y 5.75 Z 0.0
{ 87} > 67 X 14.80 Y 5.75 Z 0.0
{ 88} > 68 X 15.90 Y 5.75 Z 0.0
{ 89} > 69 X 17.00 Y 5.75 Z 0.0
{ 90} > 70 X 18.10 Y 5.75 Z 0.0
{ 91} > 71 X 20.10 Y 5.75 Z 0.0
{ 92} > 72 X 21.20 Y 5.75 Z 0.0
{ 93} > 73 X 22.30 Y 5.75 Z 0.0
{ 94} > 74 X 23.40 Y 5.75 Z 0.0
{ 95} > 75 X 24.50 Y 5.75 Z 0.0
{ 96} >
{ 97} > 76 X 1.00 Y 11.50 Z 0.0
{ 98} > 77 X 2.10 Y 11.50 Z 0.0
{ 99} > 78 X 3.20 Y 11.50 Z 0.0
{ 100} > 79 X 4.30 Y 11.50 Z 0.0
{ 101} > 80 X 5.40 Y 11.50 Z 0.0
{ 102} > 81 X 7.40 Y 11.50 Z 0.0
{ 103} > 82 X 8.50 Y 11.50 Z 0.0
{ 104} > 83 X 9.60 Y 11.50 Z 0.0
{ 105} > 84 X 10.70 Y 11.50 Z 0.0
{ 106} > 85 X 11.80 Y 11.50 Z 0.0
{ 107} > 86 X 13.70 Y 11.50 Z 0.0
{ 108} > 87 X 14.80 Y 11.50 Z 0.0
{ 109} > 88 X 15.90 Y 11.50 Z 0.0
{ 110} > 89 X 17.00 Y 11.50 Z 0.0
{ 111} > 90 X 18.10 Y 11.50 Z 0.0
{ 112} > 91 X 20.10 Y 11.50 Z 0.0
{ 113} > 92 X 21.20 Y 11.50 Z 0.0
{ 114} > 93 X 22.30 Y 11.50 Z 0.0
{ 115} > 94 X 23.40 Y 11.50 Z 0.0
{ 116} > 95 X 24.50 Y 11.50 Z 0.0
{ 117} >
{ 118} > 96 X 0.0 Y 0.675 Z 0.0
{ 119} > 97 X 0.0 Y 1.775 Z 0.0
{ 120} > 98 X 0.0 Y 2.875 Z 0.0

{ 121} > 99 X 0.0 Y 3.975 Z 0.0
{ 122} > 100 X 0.0 Y 5.075 Z 0.0
{ 123} > 101 X 0.0 Y 6.425 Z 0.0
{ 124} > 102 X 0.0 Y 7.525 Z 0.0
{ 125} > 103 X 0.0 Y 8.625 Z 0.0
{ 126} > 104 X 0.0 Y 9.725 Z 0.0
{ 127} > 105 X 0.0 Y 10.825 Z 0.0
{ 128} >
{ 129} > 106 X 6.40 Y 0.675 Z 0.0
{ 130} > 107 X 6.40 Y 1.775 Z 0.0
{ 131} > 108 X 6.40 Y 2.875 Z 0.0
{ 132} > 109 X 6.40 Y 3.975 Z 0.0
{ 133} > 110 X 6.40 Y 5.075 Z 0.0
{ 134} > 111 X 6.40 Y 6.425 Z 0.0
{ 135} > 112 X 6.40 Y 7.525 Z 0.0
{ 136} > 113 X 6.40 Y 8.625 Z 0.0
{ 137} > 114 X 6.40 Y 9.725 Z 0.0
{ 138} > 115 X 6.40 Y 10.825 Z 0.0
{ 139} >
{ 140} > 116 X 12.75 Y 0.675 Z 0.0
{ 141} > 117 X 12.75 Y 1.775 Z 0.0
{ 142} > 118 X 12.75 Y 2.875 Z 0.0
{ 143} > 119 X 12.75 Y 3.975 Z 0.0
{ 144} > 120 X 12.75 Y 5.075 Z 0.0
{ 145} > 121 X 12.75 Y 6.425 Z 0.0
{ 146} > 122 X 12.75 Y 7.525 Z 0.0
{ 147} > 123 X 12.75 Y 8.625 Z 0.0
{ 148} > 124 X 12.75 Y 9.725 Z 0.0
{ 149} > 125 X 12.75 Y 10.825 Z 0.0
{ 150} >
{ 151} > 126 X 19.10 Y 0.675 Z 0.0
{ 152} > 127 X 19.10 Y 1.775 Z 0.0
{ 153} > 128 X 19.10 Y 2.875 Z 0.0
{ 154} > 129 X 19.10 Y 3.975 Z 0.0
{ 155} > 130 X 19.10 Y 5.075 Z 0.0
{ 156} > 131 X 19.10 Y 6.425 Z 0.0
{ 157} > 132 X 19.10 Y 7.525 Z 0.0
{ 158} > 133 X 19.10 Y 8.625 Z 0.0
{ 159} > 134 X 19.10 Y 9.725 Z 0.0
{ 160} > 135 X 19.10 Y 10.825 Z 0.0
{ 161} >
{ 162} > 136 X 25.50 Y 0.675 Z 0.0
{ 163} > 137 X 25.50 Y 1.775 Z 0.0
{ 164} > 138 X 25.50 Y 2.875 Z 0.0
{ 165} > 139 X 25.50 Y 3.975 Z 0.0
{ 166} > 140 X 25.50 Y 5.075 Z 0.0
{ 167} > 141 X 25.50 Y 6.425 Z 0.0
{ 168} > 142 X 25.50 Y 7.525 Z 0.0
{ 169} > 143 X 25.50 Y 8.625 Z 0.0
{ 170} > 144 X 25.50 Y 9.725 Z 0.0

```
{ 171} > 145 X 25.50 Y 10.825 Z 0.0
{ 172} >
{ 173} > $ ----- NODI VINCOLATI A TERRA (APPOGGIO SU MOLLE) -----
{ 174} > STATUS SUPPORT 1 TO 15 36 TO 145
{ 175} >
{ 176} > $ ----- GRADI DI LIBERTA' DEI NODI VINCOLATI)
{ 177} > JOINT RELEASES
{ 178} > 1 MOM X MOM Y MOM Z KFZ 10000.0
{ 179} >
{ 180} > 2 TO 5 36 TO 55 MOM X MOM Y MOM Z FOR X KFZ 10000.0
{ 181} >
{ 182} > 6 MOM X MOM Y MOM Z FOR Y KFZ 14000.0
{ 183} >
{ 184} > 7 TO 10 56 TO 75 MOM X MOM Y MOM Z FOR X FOR Y KFZ 14000.0
{ 185} >
{ 186} > 11 96 TO 105 MOM X MOM Y MOM Z FOR Y KFZ 10000.0
{ 187} >
{ 188} > 12 TO 15 76 TO 95 MOM X MOM Y MOM Z FOR X FOR Y KFZ 10000.0
{ 189} >
{ 190} > 106 TO 135 MOM X MOM Y MOM Z FOR X FOR Y KFZ 8000.0
{ 191} >
{ 192} > 136 TO 145 MOM X MOM Y MOM Z FOR X FOR Y KFZ 10000.0
{ 193} >
{ 194} > $ ----- INCIDENZA DELLE ASTE -----
{ 195} > MEM INCI
{ 196} > $ Pilastrini
{ 197} > 1 1 16
{ 198} > 2 2 17
{ 199} > 3 3 18
{ 200} > 4 4 19
{ 201} > 5 5 20
{ 202} > 6 6 21
{ 203} > 7 7 22
{ 204} > 8 8 23
{ 205} > 9 9 24
{ 206} > 10 10 25
{ 207} > 11 11 26
{ 208} > 12 12 27
{ 209} > 13 13 28
{ 210} > 14 14 29
{ 211} > 15 15 30
{ 212} >
{ 213} > 22 22 32
{ 214} > 23 23 33
{ 215} > 24 24 34
{ 216} >
{ 217} > $ Travi d'imposta
{ 218} > 16 16 17
{ 219} > 17 17 18
{ 220} > 18 18 19
```

```
{ 221} > 19 19 20
{ 222} > 20 16 21
{ 223} > 21 21 26
{ 224} >
{ 225} > 25 20 25
{ 226} > 26 25 30
{ 227} > 27 26 27
{ 228} > 28 27 28
{ 229} > 29 28 29
{ 230} > 30 29 30
{ 231} >
{ 232} > $ Catene
{ 233} > 31 17 22
{ 234} > 32 22 27
{ 235} > 33 18 23
{ 236} > 34 23 28
{ 237} > 35 19 24
{ 238} > 36 24 29
{ 239} >
{ 240} > $ Travi copertura
{ 241} > 37 17 32
{ 242} > 38 32 27
{ 243} > 39 18 33
{ 244} > 40 33 28
{ 245} > 41 19 34
{ 246} > 42 34 29
{ 247} > 43 21 31
{ 248} > 44 31 32
{ 249} > 45 32 33
{ 250} > 46 33 34
{ 251} > 47 34 35
{ 252} > 48 35 25
{ 253} > 49 16 31
{ 254} > 50 26 31
{ 255} > 51 20 35
{ 256} > 52 30 35
{ 257} >
{ 258} > $ Travi di fondazione
{ 259} > 53 1 36
{ 260} > 54 36 37
{ 261} > 55 37 38
{ 262} > 56 38 39
{ 263} > 57 39 40
{ 264} > 58 40 2
{ 265} >
{ 266} > 59 2 41
{ 267} > 60 41 42
{ 268} > 61 42 43
{ 269} > 62 43 44
{ 270} > 63 44 45
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{ 273} > 65 3 46
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{ 279} >
{ 280} > 71 4 51
{ 281} > 72 51 52
{ 282} > 73 52 53
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{ 284} > 75 54 55
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{ 286} >
{ 287} > 77 6 56
{ 288} > 78 56 57
{ 289} > 79 57 58
{ 290} > 80 58 59
{ 291} > 81 59 60
{ 292} > 82 60 7
{ 293} >
{ 294} > 83 7 61
{ 295} > 84 61 62
{ 296} > 85 62 63
{ 297} > 86 63 64
{ 298} > 87 64 65
{ 299} > 88 65 8
{ 300} >
{ 301} > 89 8 66
{ 302} > 90 66 67
{ 303} > 91 67 68
{ 304} > 92 68 69
{ 305} > 93 69 70
{ 306} > 94 70 9
{ 307} >
{ 308} > 95 9 71
{ 309} > 96 71 72
{ 310} > 97 72 73
{ 311} > 98 73 74
{ 312} > 99 74 75
{ 313} > 100 75 10
{ 314} >
{ 315} > 101 11 76
{ 316} > 102 76 77
{ 317} > 103 77 78
{ 318} > 104 78 79
{ 319} > 105 79 80
{ 320} > 106 80 12

```
{ 321} >
{ 322} > 107 12 81
{ 323} > 108 81 82
{ 324} > 109 82 83
{ 325} > 110 83 84
{ 326} > 111 84 85
{ 327} > 112 85 13
{ 328} >
{ 329} > 113 13 86
{ 330} > 114 86 87
{ 331} > 115 87 88
{ 332} > 116 88 89
{ 333} > 117 89 90
{ 334} > 118 90 14
{ 335} >
{ 336} > 119 14 91
{ 337} > 120 91 92
{ 338} > 121 92 93
{ 339} > 122 93 94
{ 340} > 123 94 95
{ 341} > 124 95 15
{ 342} >
{ 343} > 125 1 96
{ 344} > 126 96 97
{ 345} > 127 97 98
{ 346} > 128 98 99
{ 347} > 129 99 100
{ 348} > 130 100 6
{ 349} >
{ 350} > 131 6 101
{ 351} > 132 101 102
{ 352} > 133 102 103
{ 353} > 134 103 104
{ 354} > 135 104 105
{ 355} > 136 105 11
{ 356} >
{ 357} > 137 2 106
{ 358} > 138 106 107
{ 359} > 139 107 108
{ 360} > 140 108 109
{ 361} > 141 109 110
{ 362} > 142 110 7
{ 363} >
{ 364} > 143 7 111
{ 365} > 144 111 112
{ 366} > 145 112 113
{ 367} > 146 113 114
{ 368} > 147 114 115
{ 369} > 148 115 12
{ 370} >
```

```
{ 371} > 149 3 116
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{ 373} > 151 117 118
{ 374} > 152 118 119
{ 375} > 153 119 120
{ 376} > 154 120 8
{ 377} >
{ 378} > 155 8 121
{ 379} > 156 121 122
{ 380} > 157 122 123
{ 381} > 158 123 124
{ 382} > 159 124 125
{ 383} > 160 125 13
{ 384} >
{ 385} > 161 4 126
{ 386} > 162 126 127
{ 387} > 163 127 128
{ 388} > 164 128 129
{ 389} > 165 129 130
{ 390} > 166 130 9
{ 391} >
{ 392} > 167 9 131
{ 393} > 168 131 132
{ 394} > 169 132 133
{ 395} > 170 133 134
{ 396} > 171 134 135
{ 397} > 172 135 14
{ 398} >
{ 399} > 173 5 136
{ 400} > 174 136 137
{ 401} > 175 137 138
{ 402} > 176 138 139
{ 403} > 177 139 140
{ 404} > 178 140 10
{ 405} >
{ 406} > 179 10 141
{ 407} > 180 141 142
{ 408} > 181 142 143
{ 409} > 182 143 144
{ 410} > 183 144 145
{ 411} > 184 145 15
{ 412} >
{ 413} > $ ----- CARATTERISTICHE GEOMETRICHE DELLE ASTE -----
{ 414} > MEMBER PROPERTIES PRISMATIC
{ 415} > $ Pilastri
{ 416} > 1 5 6 10 11 15 AX 0.21 IX 0.00454 IY 0.00158 IZ 0.00858
{ 417} > 2 3 4 12 13 14 AX 0.21 IX 0.00454 IY 0.00858 IZ 0.00158
{ 418} > 7 8 9 22 23 24 AX 0.24 IX 0.00753 IY 0.00720 IZ 0.00320
{ 419} >
{ 420} > $ Travi d'imposta
```

```
{ 421} > 16 TO 21 25 TO 30 AX 0.21 IX 0.00454 IY 0.00858 IZ 0.00525
{ 422} >
{ 423} > $ Catene
{ 424} > 31 TO 36 AX 0.12 IX 0.002 IY 0.0009 IZ 0.0016
{ 425} >
{ 426} > $ Travi copertura
{ 427} > 37 TO 42 AX 0.208 IX 0.00370 IY 0.01109 IZ 0.00117
{ 428} > 43 48 AX 0.208 IX 0.00370 IY 0.00117 IZ 0.01109
{ 429} > 44 TO 47 AX 0.280 IX 0.00952 IY 0.01143 IZ 0.00373
{ 430} > 49 TO 52 AX 0.21 IX 0.00454 IY 0.00858 IZ 0.00525
{ 431} >
{ 432} > $ Travi di fondazione
{ 433} > 53 TO 76 101 TO 124 125 TO 136 173 TO 184 AX 0.76 IX 0.04563 IY 0.09274 IZ 0.03941
{ 434} > 77 TO 100 AX 0.88 IX 0.06057 IY 0.09784 IZ 0.09573
{ 435} > 137 TO 172 AX 0.56 IX 0.02430 IY 0.06644 IZ 0.01887
{ 436} >
{ 437} > $ ----- CARATTERISTICHE DEL MATERIALE -----
{ 438} > CONSTANTS
{ 439} > $ Pilastrri
{ 440} > E 33643000. MEM 1 TO 15 22 23 24
{ 441} >
{ 442} > $ Travi, catene
{ 443} > E 32575000. MEM 16 TO 21 25 TO 52
{ 444} >
{ 445} > $ Travi di fondazione
{ 446} > E 31447000. MEM 53 TO 184
{ 447} >
{ 448} > $ ----- AZIONI STATICHE SULLA STRUTTURA -----
{ 449} >
{ 450} > LOADING 1 'G1 - PESI PROPRI STRUTTURALI'
{ 451} > MEMBER LOAD
{ 452} > 1 TO 6 10 TO 15 FOR Z GLO UNI -5.25
{ 453} > 7 8 9 22 23 24 FOR Z GLO UNI -6.0
{ 454} >
{ 455} > 16 20 25 27 FOR Z GLO LIN -11.10 -20.22
{ 456} > 17 18 28 29 FOR Z GLO UNI -20.22
{ 457} > 19 21 26 30 FOR Z GLO LIN -20.22 -11.10
{ 458} >
{ 459} > 31 TO 36 FOR Z GLO UNI -3.0
{ 460} >
{ 461} > 37 TO 42 43 48 FOR Z GLO UNI -6.48
{ 462} > 44 TO 47 FOR Z GLO UNI -25.24
{ 463} > 49 TO 52 FOR Z GLO LIN -5.25 -23.49
{ 464} >
{ 465} > 53 TO 76 101 TO 124 125 TO 136 173 TO 184 FOR Z GLO UNI -19.0
{ 466} > 77 TO 100 FOR Z GLO UNI -22.0
{ 467} > 137 TO 172 FOR Z GLO UNI -14.0
{ 468} >
{ 469} > LOADING 2 'G2 - SOVRACCARICHI PERMANENTI PORTATI'
{ 470} > MEMBER LOAD
```



```
{ 471} > 16 20 25 27 FOR Z GLO LIN -1.50 -6.63
{ 472} > 17 18 28 29 FOR Z GLO UNI -6.63
{ 473} > 19 21 26 30 FOR Z GLO LIN -6.63 -1.50
{ 474} >
{ 475} > 31 33 35 FOR Z GLO LIN -0.65 -5.59
{ 476} > 32 34 36 FOR Z GLO LIN -5.59 -0.65
{ 477} >
{ 478} > 37 TO 42 43 48 FOR Z GLO UNI -2.16
{ 479} > 44 TO 47 FOR Z GLO UNI -10.98
{ 480} > 49 TO 52 FOR Z GLO LIN -0.72 -10.98
{ 481} >
{ 482} > 53 TO 76 101 TO 124 125 TO 136 173 TO 184 FOR Z GLO UNI -28.61
{ 483} > 77 TO 100 FOR Z GLO UNI -37.56
{ 484} > 137 TO 172 FOR Z GLO UNI -20.99
{ 485} >
{ 486} > LOADING 3 'Qk - SOVRACCARICHI ACCIDENTALI'
{ 487} > MEMBER LOAD
{ 488} > 16 20 25 27 FOR Z GLO LIN -0.15 -1.58
{ 489} > 17 18 28 29 FOR Z GLO UNI -1.58
{ 490} > 19 21 26 30 FOR Z GLO LIN -1.58 -0.15
{ 491} >
{ 492} > 37 TO 42 43 48 FOR Z GLO UNI -0.60
{ 493} > 44 TO 47 FOR Z GLO UNI -3.05
{ 494} > 49 TO 52 FOR Z GLO LIN -0.20 -3.05
{ 495} >
{ 496} > LOADING 4 'Qn - NEVE'
{ 497} > MEMBER LOAD
{ 498} > 16 20 25 27 FOR Z GLO LIN -1.28 -3.56
{ 499} > 17 18 28 29 FOR Z GLO UNI -3.56
{ 500} > 19 21 26 30 FOR Z GLO LIN -3.56 -1.28
{ 501} >
{ 502} > 37 TO 42 43 48 FOR Z GLO UNI -0.96
{ 503} > 44 TO 47 FOR Z GLO UNI -4.88
{ 504} > 49 TO 52 FOR Z GLO LIN -0.32 -4.88
{ 505} >
{ 506} > LOADING 5 'Qv (+X) - VENTO IN DIREZIONE X, VERSO POSITIVO'
{ 507} > JOINT LOAD
{ 508} > 16 26 FOR X 6.38
{ 509} > 21 FOR X 12.76
{ 510} > 20 30 FOR X 3.19
{ 511} > 25 FOR X 6.38
{ 512} >
{ 513} > LOADING 6 'Qv (-X) - VENTO IN DIREZIONE X, VERSO NEGATIVO'
{ 514} > JOINT LOAD
{ 515} > 16 26 FOR X -3.19
{ 516} > 21 FOR X -6.38
{ 517} > 20 30 FOR X -6.38
{ 518} > 25 FOR X -12.76
{ 519} >
{ 520} > LOADING 7 'Qv (+Y) - VENTO IN DIREZIONE Y, VERSO POSITIVO'
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{ 521} > JOINT LOAD
{ 522} > 16 20 FOR Y 7.10
{ 523} > 17 18 19 FOR Y 14.21
{ 524} > 26 30 FOR Y 3.55
{ 525} > 27 28 29 FOR Y 7.10
{ 526} >
{ 527} > LOADING 8 'Qv (-Y) - VENTO IN DIREZIONE Y, VERSO NEGATIVO'
{ 528} > JOINT LOAD
{ 529} > 16 20 FOR Y -3.55
{ 530} > 17 18 19 FOR Y -7.10
{ 531} > 26 30 FOR Y -7.10
{ 532} > 27 28 29 FOR Y -14.21
{ 533} >
{ 534} > $ ----- COMBINAZIONI DELLE AZIONI STATICHE-----
{ 535} > $ ----- SLU Fondamentale -----
{ 536} > LOADING COMBINATION 9 COMBINE 1 1.3 2 1.3 3 1.5 4 0.75 5 0.9
{ 537} > LOADING COMBINATION 10 COMBINE 1 1.3 2 1.3 3 1.5 4 0.75 6 0.9
{ 538} > LOADING COMBINATION 11 COMBINE 1 1.3 2 1.3 3 1.5 4 0.75 7 0.9
{ 539} > LOADING COMBINATION 12 COMBINE 1 1.3 2 1.3 3 1.5 4 0.75 8 0.9
{ 540} > LOADING COMBINATION 13 COMBINE 1 1.3 2 1.3 4 1.5 5 0.9
{ 541} > LOADING COMBINATION 14 COMBINE 1 1.3 2 1.3 4 1.5 6 0.9
{ 542} > LOADING COMBINATION 15 COMBINE 1 1.3 2 1.3 4 1.5 7 0.9
{ 543} > LOADING COMBINATION 16 COMBINE 1 1.3 2 1.3 4 1.5 8 0.9
{ 544} > LOADING COMBINATION 17 COMBINE 1 1.3 2 1.3 4 0.75 5 1.5
{ 545} > LOADING COMBINATION 18 COMBINE 1 1.3 2 1.3 4 0.75 6 1.5
{ 546} > LOADING COMBINATION 19 COMBINE 1 1.3 2 1.3 4 0.75 7 1.5
{ 547} > LOADING COMBINATION 20 COMBINE 1 1.3 2 1.3 4 0.75 8 1.5
{ 548} >
{ 549} > $ ----- SLE Rara -----
{ 550} > LOADING COMBINATION 21 COMBINE 1 1.0 2 1.0 3 1.0 4 0.5 5 0.6
{ 551} > LOADING COMBINATION 22 COMBINE 1 1.0 2 1.0 3 1.0 4 0.5 6 0.6
{ 552} > LOADING COMBINATION 23 COMBINE 1 1.0 2 1.0 3 1.0 4 0.5 7 0.6
{ 553} > LOADING COMBINATION 24 COMBINE 1 1.0 2 1.0 3 1.0 4 0.5 8 0.6
{ 554} > LOADING COMBINATION 25 COMBINE 1 1.0 2 1.0 4 1.0 5 0.6
{ 555} > LOADING COMBINATION 26 COMBINE 1 1.0 2 1.0 4 1.0 6 0.6
{ 556} > LOADING COMBINATION 27 COMBINE 1 1.0 2 1.0 4 1.0 7 0.6
{ 557} > LOADING COMBINATION 28 COMBINE 1 1.0 2 1.0 4 1.0 8 0.6
{ 558} > LOADING COMBINATION 29 COMBINE 1 1.0 2 1.0 4 0.5 5 1.0
{ 559} > LOADING COMBINATION 30 COMBINE 1 1.0 2 1.0 4 0.5 6 1.0
{ 560} > LOADING COMBINATION 31 COMBINE 1 1.0 2 1.0 4 0.5 7 1.0
{ 561} > LOADING COMBINATION 32 COMBINE 1 1.0 2 1.0 4 0.5 8 1.0
{ 562} >
{ 563} > $ ----- SLE Frequente -----
{ 564} > LOADING COMBINATION 33 COMBINE 1 1.0 2 1.0
{ 565} > LOADING COMBINATION 34 COMBINE 1 1.0 2 1.0 4 0.2
{ 566} > LOADING COMBINATION 35 COMBINE 1 1.0 2 1.0 5 0.2
{ 567} > LOADING COMBINATION 36 COMBINE 1 1.0 2 1.0 6 0.2
{ 568} > LOADING COMBINATION 37 COMBINE 1 1.0 2 1.0 7 0.2
{ 569} > LOADING COMBINATION 38 COMBINE 1 1.0 2 1.0 8 0.2
{ 570} >

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{ 571} > $ ----- SLE Quasi Permanente -----
{ 572} > LOADING COMBINATION 39 COMBINE 1 1.0 2 1.0
{ 573} >
{ 574} > $ ----- AZIONI SISMICHE SULLA STRUTTURA -----
{ 575} >
{ 576} > LOADING 40 'EX + ey: SISMA X positivo, eccentricità positiva'
{ 577} > JOINT LOADS
{ 578} > 16 20 FOR X 13.424
{ 579} > 17 18 19 FOR X 72.895
{ 580} > 21 25 FOR X 15.660
{ 581} > 32 33 34 FOR X 71.364
{ 582} > 26 30 FOR X 17.897
{ 583} > 27 28 29 FOR X 97.190
{ 584} >
{ 585} > LOADING 41 'EX - ey: SISMA X positivo, eccentricità negativa'
{ 586} > JOINT LOADS
{ 587} > 16 20 FOR X 17.897
{ 588} > 17 18 19 FOR X 97.190
{ 589} > 21 25 FOR X 15.660
{ 590} > 32 33 34 FOR X 71.364
{ 591} > 26 30 FOR X 13.424
{ 592} > 27 28 29 FOR X 72.895
{ 593} >
{ 594} > LOADING 42 'EY + ex: SISMA Y positivo, eccentricità positiva'
{ 595} > JOINT LOADS
{ 596} > 16 21 26 FOR Y 86.654
{ 597} > 17 27 FOR Y 17.145
{ 598} > 18 28 FOR Y 18.324
{ 599} > 19 29 FOR Y 19.502
{ 600} > 20 25 30 FOR Y 112.356
{ 601} > 32 FOR Y 34.725
{ 602} > 33 FOR Y 37.112
{ 603} > 34 FOR Y 39.499
{ 604} >
{ 605} > LOADING 43 'EY - ex: SISMA Y positivo, eccentricità negativa'
{ 606} > JOINT LOADS
{ 607} > 16 21 26 FOR Y 112.356
{ 608} > 17 27 FOR Y 19.502
{ 609} > 18 28 FOR Y 18.324
{ 610} > 19 29 FOR Y 17.145
{ 611} > 20 25 30 FOR Y 86.654
{ 612} > 32 FOR Y 39.499
{ 613} > 33 FOR Y 37.112
{ 614} > 34 FOR Y 34.725
{ 615} >
{ 616} > $ ----- COMBINAZIONI SLV -----
{ 617} >
{ 618} > LOADING COMBINATION 44 COMBINE 1 1. 2 1. 40 1. 42 0.3
{ 619} > LOADING COMBINATION 45 COMBINE 1 1. 2 1. 40 1. 42 -0.3
{ 620} > LOADING COMBINATION 46 COMBINE 1 1. 2 1. 40 1. 43 0.3
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{ 621} > LOADING COMBINATION 47 COMBINE 1 1. 2 1. 40 1. 43 -0.3
{ 622} > LOADING COMBINATION 48 COMBINE 1 1. 2 1. 40 -1. 42 0.3
{ 623} > LOADING COMBINATION 49 COMBINE 1 1. 2 1. 40 -1. 42 -0.3
{ 624} > LOADING COMBINATION 50 COMBINE 1 1. 2 1. 40 -1. 43 0.3
{ 625} > LOADING COMBINATION 51 COMBINE 1 1. 2 1. 40 -1. 43 -0.3
{ 626} >
{ 627} > LOADING COMBINATION 52 COMBINE 1 1. 2 1. 41 1. 42 0.3
{ 628} > LOADING COMBINATION 53 COMBINE 1 1. 2 1. 41 1. 42 -0.3
{ 629} > LOADING COMBINATION 54 COMBINE 1 1. 2 1. 41 1. 43 0.3
{ 630} > LOADING COMBINATION 55 COMBINE 1 1. 2 1. 41 1. 43 -0.3
{ 631} > LOADING COMBINATION 56 COMBINE 1 1. 2 1. 41 -1. 42 0.3
{ 632} > LOADING COMBINATION 57 COMBINE 1 1. 2 1. 41 -1. 42 -0.3
{ 633} > LOADING COMBINATION 58 COMBINE 1 1. 2 1. 41 -1. 43 0.3
{ 634} > LOADING COMBINATION 59 COMBINE 1 1. 2 1. 41 -1. 43 -0.3
{ 635} >
{ 636} > LOADING COMBINATION 60 COMBINE 1 1. 2 1. 42 1. 40 0.3
{ 637} > LOADING COMBINATION 61 COMBINE 1 1. 2 1. 42 1. 40 -0.3
{ 638} > LOADING COMBINATION 62 COMBINE 1 1. 2 1. 42 1. 41 0.3
{ 639} > LOADING COMBINATION 63 COMBINE 1 1. 2 1. 42 1. 41 -0.3
{ 640} > LOADING COMBINATION 64 COMBINE 1 1. 2 1. 42 -1. 40 0.3
{ 641} > LOADING COMBINATION 65 COMBINE 1 1. 2 1. 42 -1. 40 -0.3
{ 642} > LOADING COMBINATION 66 COMBINE 1 1. 2 1. 42 -1. 41 0.3
{ 643} > LOADING COMBINATION 67 COMBINE 1 1. 2 1. 42 -1. 41 -0.3
{ 644} >
{ 645} > LOADING COMBINATION 68 COMBINE 1 1. 2 1. 43 1. 40 0.3
{ 646} > LOADING COMBINATION 69 COMBINE 1 1. 2 1. 43 1. 40 -0.3
{ 647} > LOADING COMBINATION 70 COMBINE 1 1. 2 1. 43 1. 41 0.3
{ 648} > LOADING COMBINATION 71 COMBINE 1 1. 2 1. 43 1. 41 -0.3
{ 649} > LOADING COMBINATION 72 COMBINE 1 1. 2 1. 43 -1. 40 0.3
{ 650} > LOADING COMBINATION 73 COMBINE 1 1. 2 1. 43 -1. 40 -0.3
{ 651} > LOADING COMBINATION 74 COMBINE 1 1. 2 1. 43 -1. 41 0.3
{ 652} > LOADING COMBINATION 75 COMBINE 1 1. 2 1. 43 -1. 41 -0.3
{ 653} >
{ 654} > $ ----- ESECUZIONE DEL CALCOLO -----
{ 655} > STIFFNESS ANALYSIS

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BANDWIDTH INFORMATION BEFORE RENUMBERING.

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THE MAXIMUM BANDWIDTH IS 131 AND OCCURS AT JOINT 136
THE AVERAGE BANDWIDTH IS 27.559
THE STANDARD DEVIATION OF THE BANDWIDTH IS 40.197
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67.756
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BANDWIDTH INFORMATION AFTER RENUMBERING.

THE MAXIMUM BANDWIDTH IS 28 AND OCCURS AT JOINT 20
 THE AVERAGE BANDWIDTH IS 11.593
 THE STANDARD DEVIATION OF THE BANDWIDTH IS 8.871

 20.464
 =====

TIME FOR CONSISTENCY CHECKS FOR 184 MEMBERS 0.00 SECONDS
 TIME FOR BANDWIDTH REDUCTION 0.00 SECONDS
 TIME TO GENERATE 184 ELEMENT STIF. MATRICES 0.00 SECONDS
 TIME TO PROCESS 406 MEMBER LOADS 0.00 SECONDS
 TIME TO ASSEMBLE THE STIFFNESS MATRIX 0.00 SECONDS
 TIME TO PROCESS 145 JOINTS 0.03 SECONDS
 TIME TO SOLVE WITH 25 PARTITIONS 0.03 SECONDS
 TIME TO PROCESS 145 JOINT DISPLACEMENTS 0.02 SECONDS
 TIME TO PROCESS 184 ELEMENT DISTORTIONS 0.00 SECONDS
 TIME FOR STATICS CHECK 0.00 SECONDS
 TIME TO GENERATE COMBINED RESULTS 0.06 SECONDS

{ 656} >
 { 657} > \$ ----- RISULTATI RICHIESTI -----
 { 658} > OUTPUT BY MEMBER
 { 659} > LOADING LIST 1 TO 75
 { 660} > OUTPUT DECIMAL 2
 { 661} > LIST FOR REA ALL

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 RESULTS OF LATEST ANALYSES

PROBLEM - SSE_26+2 TITLE - NONE GIVEN

ACTIVE UNITS M KN RAD DEGF SEC

MEMBER FORCES

MEMBER	LOADING	JOINT	FORCE				MOMENT		
			AXIAL	SHEAR-Y	SHEAR-Z	TORSIONAL	BENDING-Y	BENDING-Z	
1	1	1	133.38	4.90	-5.32	-0.39	6.92	-7.03	

	16	-109.39	-4.90	5.32	0.39	17.41	29.41
2	1	36.36	2.84	-2.90	-0.17	5.07	0.91
	16	-36.36	-2.84	2.90	0.17	8.18	12.08
3	1	7.96	0.78	-0.57	-0.03	0.87	0.38
	16	-7.96	-0.78	0.57	0.03	1.72	3.20
4	1	17.13	1.27	-0.95	-0.05	1.33	0.16
	16	-17.13	-1.27	0.95	0.05	3.01	5.65
5	1	-2.17	0.52	1.19	0.06	-2.75	1.51
	16	2.17	-0.52	-1.19	-0.06	-2.68	0.85
6	1	2.01	-0.38	-1.10	-0.05	2.56	-1.13
	16	-2.01	0.38	1.10	0.05	2.49	-0.62
7	1	-6.31	-7.60	-0.45	-0.10	1.22	-19.84
	16	6.31	7.60	0.45	0.10	0.85	-14.87
8	1	6.31	7.50	0.44	0.10	-1.19	19.60
	16	-6.31	-7.50	-0.44	-0.10	-0.83	14.68
9	1	243.48	12.65	-11.19	-0.75	15.43	-5.89
	16	-212.29	-12.65	11.19	0.75	35.70	63.73
10	1	247.25	11.84	-13.25	-0.85	20.21	-8.27
	16	-216.06	-11.84	13.25	0.85	40.35	62.40
11	1	239.76	5.35	-12.67	-0.90	19.01	-25.11
	16	-208.57	-5.35	12.67	0.90	38.87	49.58
12	1	251.12	18.94	-11.86	-0.71	16.83	10.39
	16	-219.93	-18.94	11.86	0.71	37.36	76.17
13	1	244.40	12.43	-11.05	-0.75	15.12	-6.35
	16	-213.21	-12.43	11.05	0.75	35.38	63.16
14	1	248.16	11.62	-13.11	-0.85	19.90	-8.73
	16	-216.97	-11.62	13.11	0.85	40.02	61.84
15	1	240.67	5.13	-12.53	-0.90	18.70	-25.57
	16	-209.48	-5.13	12.53	0.90	38.55	49.02
16	1	252.03	18.72	-11.72	-0.71	16.52	9.93
	16	-220.84	-18.72	11.72	0.71	37.04	75.61
17	1	230.24	11.79	-9.62	-0.67	12.47	-5.57
	16	-199.05	-11.79	9.62	0.67	31.51	59.43
18	1	236.52	10.44	-13.06	-0.84	20.44	-9.53
	16	-205.33	-10.44	13.06	0.84	39.26	57.23
19	1	224.04	-0.38	-12.09	-0.92	18.43	-37.60
	16	-192.85	0.38	12.09	0.92	36.80	35.86
20	1	242.97	22.26	-10.74	-0.61	14.81	21.57
	16	-211.78	-22.26	10.74	0.61	34.28	80.18
21	1	184.95	9.47	-8.56	-0.58	11.89	-4.75
	16	-160.96	-9.47	8.56	0.58	27.21	48.02
22	1	187.46	8.93	-9.93	-0.64	15.07	-6.33
	16	-163.47	-8.93	9.93	0.64	30.31	47.13
23	1	182.47	4.60	-9.54	-0.67	14.27	-17.56
	16	-158.48	-4.60	9.54	0.67	29.33	38.58
24	1	190.04	13.66	-9.00	-0.55	12.82	6.11
	16	-166.05	-13.66	9.00	0.55	28.32	56.31
25	1	185.56	9.32	-8.46	-0.57	11.68	-5.05
	16	-161.57	-9.32	8.46	0.57	27.00	47.64
26	1	188.07	8.78	-9.84	-0.64	14.87	-6.64

	16	-164.08	-8.78	9.84	0.64	30.09	46.76
27	1	183.08	4.45	-9.45	-0.67	14.06	-17.86
	16	-159.09	-4.45	9.45	0.67	29.11	38.21
28	1	190.65	13.51	-8.91	-0.55	12.61	5.80
	16	-166.66	-13.51	8.91	0.55	28.10	55.94
29	1	176.13	8.89	-7.51	-0.52	9.92	-4.53
	16	-152.14	-8.89	7.51	0.52	24.42	45.15
30	1	180.31	7.99	-9.80	-0.63	15.22	-7.17
	16	-156.32	-7.99	9.80	0.63	29.58	43.68
31	1	171.99	0.78	-9.15	-0.69	13.89	-25.88
	16	-148.00	-0.78	9.15	0.69	27.95	29.43
32	1	184.61	15.87	-8.26	-0.48	11.47	13.56
	16	-160.62	-15.87	8.26	0.48	26.26	58.98
33	1	169.74	7.74	-8.22	-0.56	12.00	-6.12
	16	-145.75	-7.74	8.22	0.56	25.59	41.48
34	1	173.16	7.99	-8.41	-0.57	12.26	-6.08
	16	-149.17	-7.99	8.41	0.57	26.19	42.61
35	1	169.30	7.84	-7.99	-0.55	11.45	-5.81
	16	-145.31	-7.84	7.99	0.55	25.05	41.65
36	1	170.14	7.66	-8.45	-0.57	12.51	-6.34
	16	-146.15	-7.66	8.45	0.57	26.09	41.36
37	1	168.48	6.22	-8.31	-0.58	12.24	-10.08
	16	-144.48	-6.22	8.31	0.58	25.76	38.51
38	1	171.00	9.24	-8.14	-0.54	11.76	-2.20
	16	-147.01	-9.24	8.14	0.54	25.42	44.42
39	1	169.74	7.74	-8.22	-0.56	12.00	-6.12
	16	-145.75	-7.74	8.22	0.56	25.59	41.48
40	1	-34.36	2.55	21.57	1.13	-50.00	8.91
	16	34.36	-2.55	-21.57	-1.13	-48.59	2.74
41	1	-31.13	7.60	25.15	-0.04	-58.39	22.10
	16	31.13	-7.60	-25.15	0.04	-56.52	12.62
42	1	-32.34	-74.67	-2.14	-0.48	6.53	-194.98
	16	32.34	74.67	2.14	0.48	3.25	-146.27
43	1	-36.61	-93.57	-4.05	-0.12	11.34	-244.25
	16	36.61	93.57	4.05	0.12	7.18	-183.36
44	1	125.67	-12.11	12.71	0.43	-36.04	-55.70
	16	-101.68	12.11	-12.71	-0.43	-22.02	0.34
45	1	145.08	32.69	13.99	0.72	-39.96	61.29
	16	-121.08	-32.69	-13.99	-0.72	-23.97	88.10
46	1	124.39	-17.78	12.13	0.54	-34.60	-70.48
	16	-100.40	17.78	-12.13	-0.54	-20.84	-10.79
47	1	146.36	38.36	14.56	0.61	-41.40	76.07
	16	-122.37	-38.36	-14.56	-0.61	-25.15	99.23
48	1	194.40	-17.21	-30.44	-1.84	63.95	-73.52
	16	-170.41	17.21	30.44	1.84	75.15	-5.14
49	1	213.80	27.59	-29.15	-1.55	60.03	43.47
	16	-189.81	-27.59	29.15	1.55	73.20	82.63
50	1	193.12	-22.88	-31.01	-1.73	65.39	-88.30
	16	-169.13	22.88	31.01	1.73	76.33	-16.26
51	1	215.09	33.26	-28.58	-1.65	58.59	58.25

	16	-191.09	-33.26	28.58	1.65	72.02	93.75
52	1	128.91	-7.07	16.28	-0.74	-44.43	-42.51
	16	-104.91	7.07	-16.28	0.74	-29.96	10.22
53	1	148.31	37.74	17.56	-0.45	-48.35	74.48
	16	-124.31	-37.74	-17.56	0.45	-31.91	97.98
54	1	127.62	-12.73	15.71	-0.63	-42.99	-57.29
	16	-103.63	12.73	-15.71	0.63	-28.78	-0.91
55	1	149.59	43.41	18.14	-0.56	-49.79	89.26
	16	-125.60	-43.41	-18.14	0.56	-33.09	109.11
56	1	191.17	-22.26	-34.01	-0.66	72.34	-86.71
	16	-167.18	22.26	34.01	0.66	83.09	-15.02
57	1	210.57	22.54	-32.73	-0.37	68.42	30.27
	16	-186.58	-22.54	32.73	0.37	81.14	72.75
58	1	189.89	-27.93	-34.58	-0.56	73.79	-101.49
	16	-165.89	27.93	34.58	0.56	84.27	-26.14
59	1	211.85	28.21	-32.15	-0.48	66.98	45.06
	16	-187.86	-28.21	32.15	0.48	79.96	83.87
60	1	127.09	-66.17	-3.89	-0.70	3.53	-198.42
	16	-103.10	66.17	3.89	0.70	14.26	-103.97
61	1	147.71	-67.70	-16.84	-1.38	33.53	-203.77
	16	-123.72	67.70	16.84	1.38	43.41	-105.61
62	1	128.06	-64.65	-2.82	-1.05	1.01	-194.46
	16	-104.07	64.65	2.82	1.05	11.88	-101.00
63	1	146.74	-69.21	-17.91	-1.03	36.05	-207.72
	16	-122.75	69.21	17.91	1.03	45.79	-108.57
64	1	191.76	83.18	0.39	0.27	-9.54	191.54
	16	-167.77	-83.18	-0.39	-0.27	7.77	188.58
65	1	212.38	81.65	-12.56	-0.41	20.46	186.19
	16	-188.39	-81.65	12.56	0.41	36.92	186.93
66	1	192.73	84.69	1.46	-0.09	-12.05	195.49
	16	-168.74	-84.69	-1.46	0.09	5.39	191.54
67	1	211.41	80.13	-13.63	-0.06	22.98	182.23
	16	-187.42	-80.13	13.63	0.06	39.30	183.97
68	1	122.81	-85.07	-5.80	-0.34	8.33	-247.69
	16	-98.82	85.07	5.80	0.34	18.19	-141.06
69	1	143.43	-86.59	-18.75	-1.02	38.33	-253.04
	16	-119.44	86.59	18.75	1.02	47.35	-142.70
70	1	123.78	-83.55	-4.73	-0.69	5.82	-243.74
	16	-99.79	83.55	4.73	0.69	15.81	-138.09
71	1	142.46	-88.11	-19.82	-0.67	40.85	-257.00
	16	-118.47	88.11	19.82	0.67	49.73	-145.66
72	1	196.04	102.07	2.30	-0.10	-14.34	240.81
	16	-172.05	-102.07	-2.30	0.10	3.83	225.66
73	1	216.66	100.54	-10.64	-0.78	15.66	235.46
	16	-192.67	-100.54	10.64	0.78	32.98	224.02
74	1	197.01	103.59	3.37	-0.45	-16.86	244.77
	16	-173.02	-103.59	-3.37	0.45	1.45	228.63
75	1	215.69	99.03	-11.72	-0.43	18.18	231.51
	16	-191.70	-99.03	11.72	0.43	35.36	221.06

2	1	2	188.70	3.55	2.55	0.58	-2.84	3.65
		17	-164.71	-3.55	-2.55	-0.58	-8.80	12.57
	2	2	57.52	2.06	-1.83	0.20	5.32	2.75
		17	-57.52	-2.06	1.83	-0.20	3.05	6.66
	3	2	13.50	0.34	-0.17	0.06	0.59	0.51
		17	-13.50	-0.34	0.17	-0.06	0.17	1.02
	4	2	27.31	0.43	0.09	0.10	0.19	0.50
		17	-27.31	-0.43	-0.09	-0.10	-0.62	1.46
	5	2	-0.48	0.02	4.56	-0.04	-11.57	0.07
		17	0.48	-0.02	-4.56	0.04	-9.25	0.04
	6	2	0.24	-0.04	-4.43	0.04	11.25	-0.10
		17	-0.24	0.04	4.43	-0.04	9.01	-0.06
	7	2	0.26	-2.36	-1.47	-0.23	3.35	-6.42
		17	-0.26	2.36	1.47	0.23	3.37	-4.38
	8	2	0.54	2.29	1.42	0.22	-3.23	6.21
		17	-0.54	-2.29	-1.42	-0.22	-3.26	4.23
	9	2	360.38	8.14	4.85	1.14	-6.16	9.52
		17	-329.19	-8.14	-4.85	-1.14	-16.00	27.66
	10	2	361.03	8.08	-3.24	1.21	14.37	9.37
		17	-329.84	-8.08	3.24	-1.21	0.43	27.57
	11	2	361.05	5.99	-0.57	0.97	7.27	3.68
		17	-329.86	-5.99	0.57	-0.97	-4.64	23.68
	12	2	361.30	10.17	2.03	1.38	1.34	15.05
		17	-330.11	-10.17	-2.03	-1.38	-10.61	31.44
	13	2	360.62	7.96	5.17	1.12	-6.90	9.14
		17	-329.43	-7.96	-5.17	-1.12	-16.73	27.22
	14	2	361.27	7.90	-2.92	1.20	13.63	8.99
		17	-330.08	-7.90	2.92	-1.20	-0.30	27.13
	15	2	361.29	5.81	-0.25	0.96	6.53	3.30
		17	-330.10	-5.81	0.25	-0.96	-5.37	23.24
	16	2	361.54	9.99	2.35	1.36	0.60	14.67
		17	-330.35	-9.99	-2.35	-1.36	-11.34	30.99
	17	2	339.85	7.65	7.83	1.02	-13.98	8.81
		17	-308.66	-7.65	-7.83	-1.02	-21.81	26.15
	18	2	340.94	7.56	-5.65	1.15	20.24	8.55
		17	-309.75	-7.56	5.65	-1.15	5.57	26.00
	19	2	340.96	4.07	-1.21	0.75	8.40	-0.93
		17	-309.77	-4.07	1.21	-0.75	-2.88	19.52
	20	2	341.38	11.04	3.13	1.42	-1.48	18.02
		17	-310.19	-11.04	-3.13	-1.42	-12.83	32.44
	21	2	273.08	6.17	3.33	0.86	-3.78	7.20
		17	-249.09	-6.17	-3.33	-0.86	-11.43	21.01
	22	2	273.52	6.14	-2.06	0.91	9.91	7.10
		17	-249.53	-6.14	2.06	-0.91	-0.48	20.94
	23	2	273.53	4.74	-0.29	0.75	5.18	3.31
		17	-249.54	-4.74	0.29	-0.75	-3.86	18.35
	24	2	273.70	7.53	1.45	1.02	1.22	10.89
		17	-249.71	-7.53	-1.45	-1.02	-7.84	23.52
	25	2	273.24	6.05	3.54	0.85	-4.27	6.95
		17	-249.25	-6.05	-3.54	-0.85	-11.92	20.71

26	2	273.68	6.02	-1.85	0.90	9.42	6.84
	17	-249.68	-6.02	1.85	-0.90	-0.96	20.65
27	2	273.69	4.62	-0.07	0.74	4.68	3.05
	17	-249.69	-4.62	0.07	-0.74	-4.34	18.06
28	2	273.86	7.41	1.66	1.01	0.73	10.63
	17	-249.86	-7.41	-1.66	-1.01	-8.33	23.23
29	2	259.40	5.85	5.32	0.79	-8.99	6.72
	17	-235.40	-5.85	-5.32	-0.79	-15.31	20.00
30	2	260.12	5.79	-3.67	0.87	13.83	6.55
	17	-236.13	-5.79	3.67	-0.87	2.95	19.89
31	2	260.14	3.46	-0.71	0.61	5.93	0.23
	17	-236.15	-3.46	0.71	-0.61	-2.68	15.58
32	2	260.42	8.11	2.18	1.05	-0.66	12.86
	17	-236.43	-8.11	-2.18	-1.05	-9.32	24.19
33	2	246.22	5.61	0.71	0.78	2.49	6.40
	17	-222.23	-5.61	-0.71	-0.78	-5.75	19.23
34	2	251.68	5.69	0.73	0.80	2.52	6.50
	17	-227.69	-5.69	-0.73	-0.80	-5.87	19.52
35	2	246.13	5.61	1.63	0.77	0.17	6.42
	17	-222.13	-5.61	-1.63	-0.77	-7.60	19.24
36	2	246.27	5.60	-0.17	0.79	4.73	6.38
	17	-222.28	-5.60	0.17	-0.79	-3.95	19.22
37	2	246.27	5.14	0.42	0.74	3.16	5.12
	17	-222.28	-5.14	-0.42	-0.74	-5.08	18.35
38	2	246.33	6.07	1.00	0.83	1.84	7.64
	17	-222.34	-6.07	-1.00	-0.83	-6.40	20.08
39	2	246.22	5.61	0.71	0.78	2.49	6.40
	17	-222.23	-5.61	-0.71	-0.78	-5.75	19.23
40	2	-1.48	1.40	90.26	-0.58	-228.98	3.76
	17	1.48	-1.40	-90.26	0.58	-183.53	2.65
41	2	-5.03	0.30	104.33	-1.40	-263.98	0.95
	17	5.03	-0.30	-104.33	1.40	-212.82	0.43
42	2	-32.55	-18.27	-7.10	-0.60	16.69	-49.40
	17	32.55	18.27	7.10	0.60	15.74	-34.10
43	2	-38.91	-21.73	-14.99	0.21	36.56	-58.57
	17	38.91	21.73	14.99	-0.21	31.93	-40.73
44	2	234.97	1.53	88.85	0.02	-221.48	-4.66
	17	-210.98	-1.53	-88.85	-0.02	-184.56	11.65
45	2	254.51	12.49	93.11	0.38	-231.50	24.98
	17	-230.51	-12.49	-93.11	-0.38	-194.01	32.11
46	2	233.07	0.49	86.48	0.26	-215.52	-7.41
	17	-209.07	-0.49	-86.48	-0.26	-179.70	9.66
47	2	256.41	13.53	95.48	0.14	-237.46	27.73
	17	-232.42	-13.53	-95.48	-0.14	-198.86	34.10
48	2	237.94	-1.28	-91.68	1.18	236.47	-12.18
	17	-213.95	1.28	91.68	-1.18	182.50	6.35
49	2	257.47	9.69	-87.42	1.54	226.46	17.46
	17	-233.48	-9.69	87.42	-1.54	173.06	26.81
50	2	236.03	-2.31	-94.05	1.43	242.43	-14.93
	17	-212.04	2.31	94.05	-1.43	187.36	4.36

51	2	259.38	10.72	-85.05	1.30	220.49	20.21
	17	-235.38	-10.72	85.05	-1.30	168.20	28.80
52	2	231.42	0.43	102.92	-0.80	-256.48	-7.46
	17	-207.43	-0.43	-102.92	0.80	-213.85	9.43
53	2	250.96	11.39	107.18	-0.44	-266.50	22.18
	17	-226.96	-11.39	-107.18	0.44	-223.29	29.89
54	2	229.52	-0.61	100.55	-0.56	-250.52	-10.21
	17	-205.52	0.61	-100.55	0.56	-208.99	7.44
55	2	252.86	12.43	109.54	-0.68	-272.46	24.93
	17	-228.87	-12.43	-109.54	0.68	-228.15	31.88
56	2	241.49	-0.18	-105.75	2.00	271.47	-9.37
	17	-217.50	0.18	105.75	-2.00	211.79	8.57
57	2	261.02	10.79	-101.49	2.36	261.45	20.27
	17	-237.03	-10.79	101.49	-2.36	202.35	29.03
58	2	239.58	-1.21	-108.11	2.25	277.43	-12.12
	17	-215.59	1.21	108.11	-2.25	216.65	6.58
59	2	262.93	11.82	-99.12	2.12	255.49	23.02
	17	-238.93	-11.82	99.12	-2.12	197.49	31.02
60	2	213.22	-12.24	20.70	0.01	-49.51	-41.87
	17	-189.23	12.24	-20.70	-0.01	-45.07	-14.07
61	2	214.11	-13.08	-33.46	0.36	87.87	-44.13
	17	-190.12	13.08	33.46	-0.36	65.05	-15.66
62	2	212.16	-12.57	24.92	-0.24	-60.01	-42.72
	17	-188.16	12.57	-24.92	0.24	-53.85	-14.74
63	2	215.18	-12.75	-37.68	0.60	98.37	-43.29
	17	-191.18	12.75	37.68	-0.60	73.84	-15.00
64	2	278.33	24.30	34.89	1.21	-82.90	56.93
	17	-254.34	-24.30	-34.89	-1.21	-76.55	54.12
65	2	279.22	23.46	-19.27	1.56	54.48	54.68
	17	-255.23	-23.46	19.27	-1.56	33.57	52.53
66	2	277.27	23.97	39.11	0.96	-93.40	56.09
	17	-253.27	-23.97	-39.11	-0.96	-85.34	53.45
67	2	280.29	23.79	-23.49	1.80	64.98	55.52
	17	-256.29	-23.79	23.49	-1.80	42.35	53.20
68	2	206.87	-15.70	12.81	0.82	-29.65	-51.04
	17	-182.88	15.70	-12.81	-0.82	-28.88	-20.71
69	2	207.76	-16.54	-41.35	1.17	107.74	-53.30
	17	-183.77	16.54	41.35	-1.17	81.24	-22.30
70	2	205.80	-16.03	17.03	0.57	-40.15	-51.88
	17	-181.81	16.03	-17.03	-0.57	-37.66	-21.37
71	2	208.82	-16.21	-45.57	1.41	118.24	-52.45
	17	-184.83	16.21	45.57	-1.41	90.03	-21.63
72	2	284.69	27.76	42.78	0.40	-102.77	66.10
	17	-260.69	-27.76	-42.78	-0.40	-92.74	60.76
73	2	285.58	26.92	-11.38	0.75	34.62	63.84
	17	-261.58	-26.92	11.38	-0.75	17.38	59.17
74	2	283.62	27.43	47.00	0.15	-113.27	65.26
	17	-259.63	-27.43	-47.00	-0.15	-101.53	60.09
75	2	286.64	27.25	-15.60	0.99	45.12	64.68
	17	-262.65	-27.25	15.60	-0.99	26.16	59.83

3	1	3	167.10	3.27	0.00	0.00	0.00	2.82
		18	-143.11	-3.27	0.00	0.00	0.00	12.10
	2	3	53.25	2.02	0.00	0.00	0.01	2.55
		18	-53.25	-2.02	0.00	0.00	0.01	6.69
	3	3	12.27	0.30	0.00	0.00	0.00	0.41
		18	-12.27	-0.30	0.00	0.00	0.00	0.95
	4	3	24.40	0.35	0.00	0.00	0.00	0.30
		18	-24.40	-0.35	0.00	0.00	0.00	1.29
	5	3	-0.01	0.00	4.73	-0.01	-11.80	-0.01
		18	0.01	0.00	-4.73	0.01	-9.83	-0.01
	6	3	-0.02	0.00	-4.73	0.01	11.80	-0.01
		18	0.02	0.00	4.73	-0.01	9.83	0.00
	7	3	-1.53	-3.43	-0.01	0.00	0.01	-9.21
		18	1.53	3.43	0.01	0.00	0.01	-6.44
	8	3	2.26	3.34	0.01	0.00	-0.01	8.97
		18	-2.26	-3.34	-0.01	0.00	-0.01	6.28
	9	3	323.15	7.58	4.25	-0.01	-10.61	7.82
		18	-291.96	-7.58	-4.25	0.01	-8.83	26.82
	10	3	323.14	7.58	-4.27	0.01	10.64	7.83
		18	-291.95	-7.58	4.27	-0.01	8.86	26.82
	11	3	321.78	4.50	-0.01	0.00	0.03	-0.46
		18	-290.59	-4.50	0.01	0.00	0.02	21.03
	12	3	325.19	10.59	0.00	0.00	0.00	15.91
		18	-294.00	-10.59	0.00	0.00	0.00	32.47
	13	3	323.06	7.39	4.25	-0.01	-10.61	7.42
		18	-291.86	-7.39	-4.25	0.01	-8.83	26.36
	14	3	323.04	7.39	-4.27	0.01	10.64	7.43
		18	-291.85	-7.39	4.27	-0.01	8.86	26.36
	15	3	321.68	4.31	-0.01	0.00	0.03	-0.86
		18	-290.49	-4.31	0.01	0.00	0.02	20.57
	16	3	325.09	10.40	0.00	0.00	0.00	15.51
		18	-293.90	-10.40	0.00	0.00	0.00	32.01
	17	3	304.75	7.13	7.09	-0.02	-17.69	7.19
		18	-273.56	-7.13	-7.09	0.02	-14.73	25.39
	18	3	304.72	7.13	-7.11	0.02	17.72	7.20
		18	-273.53	-7.13	7.11	-0.02	14.75	25.39
	19	3	302.46	2.00	-0.01	0.00	0.03	-6.61
		18	-271.27	-2.00	0.01	0.00	0.03	15.73
	20	3	308.15	12.14	0.00	0.00	-0.01	20.67
		18	-276.96	-12.14	0.00	0.00	0.00	34.81
	21	3	244.82	5.76	2.84	-0.01	-7.07	5.93
		18	-220.82	-5.76	-2.84	0.01	-5.89	20.39
	22	3	244.80	5.76	-2.84	0.01	7.09	5.93
		18	-220.81	-5.76	2.84	-0.01	5.91	20.39
	23	3	243.90	3.71	-0.01	0.00	0.02	0.41
		18	-219.91	-3.71	0.01	0.00	0.02	16.52
	24	3	246.17	7.76	0.00	0.00	0.00	11.32
		18	-222.18	-7.76	0.00	0.00	0.00	24.15
	25	3	244.75	5.63	2.84	-0.01	-7.07	5.67

	18	-220.76	-5.63	-2.84	0.01	-5.89	20.08
26	3	244.74	5.63	-2.84	0.01	7.09	5.67
	18	-220.75	-5.63	2.84	-0.01	5.91	20.08
27	3	243.83	3.58	-0.01	0.00	0.02	0.14
	18	-219.84	-3.58	0.01	0.00	0.02	16.22
28	3	246.11	7.64	0.00	0.00	0.00	11.06
	18	-222.12	-7.64	0.00	0.00	0.00	23.85
29	3	232.55	5.46	4.73	-0.01	-11.79	5.51
	18	-208.55	-5.46	-4.73	0.01	-9.82	19.43
30	3	232.53	5.46	-4.74	0.01	11.81	5.52
	18	-208.54	-5.46	4.74	-0.01	9.84	19.43
31	3	231.02	2.04	-0.01	0.00	0.02	-3.69
	18	-207.03	-2.04	0.01	0.00	0.02	12.99
32	3	234.81	8.80	0.00	0.00	0.00	14.50
	18	-210.82	-8.80	0.00	0.00	0.00	25.71
33	3	220.35	5.29	0.00	0.00	0.01	5.37
	18	-196.36	-5.29	0.00	0.00	0.01	18.79
34	3	225.23	5.36	0.00	0.00	0.01	5.43
	18	-201.24	-5.36	0.00	0.00	0.01	19.05
35	3	220.35	5.29	0.94	0.00	-2.35	5.37
	18	-196.36	-5.29	-0.94	0.00	-1.96	18.79
36	3	220.34	5.29	-0.95	0.00	2.37	5.37
	18	-196.35	-5.29	0.95	0.00	1.97	18.79
37	3	220.04	4.60	-0.01	0.00	0.01	3.53
	18	-196.05	-4.60	0.01	0.00	0.01	17.50
38	3	220.80	5.95	0.00	0.00	0.01	7.17
	18	-196.81	-5.95	0.00	0.00	0.01	20.05
39	3	220.35	5.29	0.00	0.00	0.01	5.37
	18	-196.36	-5.29	0.00	0.00	0.01	18.79
40	3	0.17	-0.01	97.47	-0.48	-243.68	-0.03
	18	-0.17	0.01	-97.47	0.48	-201.77	-0.02
41	3	0.21	-0.02	111.33	-0.69	-277.16	-0.04
	18	-0.21	0.02	-111.33	0.69	-231.62	-0.03
42	3	-25.97	-19.63	3.41	-0.69	-8.84	-53.42
	18	25.97	19.63	-3.41	0.69	-6.75	-36.30
43	3	-25.99	-19.63	-3.49	0.68	9.04	-53.41
	18	25.99	19.63	3.49	-0.68	6.90	-36.30
44	3	212.73	-0.61	98.49	-0.69	-246.33	-10.68
	18	-188.73	0.61	-98.49	0.69	-203.78	7.88
45	3	228.31	11.17	96.44	-0.28	-241.02	21.37
	18	-204.32	-11.17	-96.44	0.28	-199.73	29.66
46	3	212.72	-0.61	96.42	-0.28	-240.96	-10.68
	18	-188.73	0.61	-96.42	0.28	-199.69	7.88
47	3	228.32	11.17	98.52	-0.69	-246.39	21.37
	18	-204.32	-11.17	-98.52	0.69	-203.83	29.66
48	3	212.39	-0.59	-96.45	0.28	241.04	-10.62
	18	-188.39	0.59	96.45	-0.28	199.75	7.92
49	3	227.97	11.19	-98.50	0.69	246.35	21.43
	18	-203.98	-11.19	98.50	-0.69	203.80	29.70
50	3	212.38	-0.59	-98.52	0.69	246.41	-10.62

	18	-188.39	0.59	98.52	-0.69	203.85	7.92
51	3	227.98	11.19	-96.43	0.28	240.98	21.42
	18	-203.98	-11.19	96.43	-0.28	199.70	29.70
52	3	212.77	-0.62	112.35	-0.90	-279.81	-10.69
	18	-188.77	0.62	-112.35	0.90	-233.64	7.87
53	3	228.35	11.16	110.30	-0.49	-274.50	21.36
	18	-204.36	-11.16	-110.30	0.49	-229.58	29.65
54	3	212.76	-0.62	110.28	-0.49	-274.44	-10.69
	18	-188.77	0.62	-110.28	0.49	-229.54	7.87
55	3	228.36	11.16	112.37	-0.90	-279.87	21.35
	18	-204.36	-11.16	-112.37	0.90	-233.68	29.65
56	3	212.35	-0.59	-110.31	0.49	274.52	-10.61
	18	-188.36	0.59	110.31	-0.49	229.60	7.93
57	3	227.93	11.19	-112.36	0.90	279.83	21.44
	18	-203.94	-11.19	112.36	-0.90	233.65	29.71
58	3	212.34	-0.59	-112.38	0.90	279.89	-10.61
	18	-188.35	0.59	112.38	-0.90	233.70	7.93
59	3	227.94	11.19	-110.29	0.49	274.46	21.44
	18	-203.95	-11.19	110.29	-0.49	229.56	29.71
60	3	194.43	-14.35	32.65	-0.83	-81.94	-48.05
	18	-170.44	14.35	-32.65	0.83	-67.28	-17.52
61	3	194.33	-14.34	-25.83	-0.54	64.27	-48.04
	18	-170.33	14.34	25.83	0.54	53.78	-17.51
62	3	194.44	-14.35	36.81	-0.89	-91.98	-48.06
	18	-170.45	14.35	-36.81	0.89	-76.23	-17.52
63	3	194.31	-14.34	-29.99	-0.48	74.32	-48.03
	18	-170.32	14.34	29.99	0.48	62.74	-17.50
64	3	246.37	24.92	25.82	0.54	-64.25	58.78
	18	-222.38	-24.92	-25.82	-0.54	-53.77	55.09
65	3	246.27	24.92	-32.66	0.83	81.96	58.80
	18	-222.28	-24.92	32.66	-0.83	67.29	55.10
66	3	246.38	24.92	29.98	0.48	-74.30	58.78
	18	-222.39	-24.92	-29.98	-0.48	-62.72	55.08
67	3	246.26	24.92	-36.82	0.89	92.00	58.80
	18	-222.27	-24.92	36.82	-0.89	76.25	55.10
68	3	194.41	-14.34	25.75	0.54	-64.05	-48.04
	18	-170.41	14.34	-25.75	-0.54	-53.62	-17.51
69	3	194.30	-14.34	-32.74	0.83	82.16	-48.03
	18	-170.31	14.34	32.74	-0.83	67.44	-17.50
70	3	194.42	-14.35	29.91	0.48	-74.10	-48.05
	18	-170.43	14.35	-29.91	-0.48	-62.57	-17.51
71	3	194.29	-14.34	-36.89	0.89	92.20	-48.02
	18	-170.30	14.34	36.89	-0.89	76.40	-17.50
72	3	246.39	24.91	32.73	-0.83	-82.14	58.78
	18	-222.40	-24.91	-32.73	0.83	-67.43	55.08
73	3	246.29	24.92	-25.76	-0.54	64.07	58.79
	18	-222.30	-24.92	25.76	0.54	53.63	55.09
74	3	246.41	24.91	36.88	-0.89	-92.18	58.77
	18	-222.41	-24.91	-36.88	0.89	-76.38	55.08
75	3	246.28	24.92	-29.91	-0.48	74.12	58.80

		18	-222.29	-24.92	29.91	0.48	62.59	55.09
4	1	4	188.71	3.55	-2.55	-0.58	2.84	3.65
		19	-164.71	-3.55	2.55	0.58	8.81	12.57
	2	4	57.52	2.06	1.83	-0.20	-5.31	2.75
		19	-57.52	-2.06	-1.83	0.20	-3.04	6.66
	3	4	13.50	0.34	0.17	-0.06	-0.58	0.51
		19	-13.50	-0.34	-0.17	0.06	-0.17	1.02
	4	4	27.31	0.43	-0.10	-0.10	-0.18	0.50
		19	-27.31	-0.43	0.10	0.10	0.62	1.46
	5	4	0.25	-0.04	4.35	-0.04	-11.04	-0.10
		19	-0.25	0.04	-4.35	0.04	-8.84	-0.06
	6	4	-0.48	0.02	-4.47	0.04	11.36	0.07
		19	0.48	-0.02	4.47	-0.04	9.08	0.04
	7	4	0.26	-2.36	1.46	0.22	-3.33	-6.42
		19	-0.26	2.36	-1.46	-0.22	-3.36	-4.38
	8	4	0.54	2.28	-1.41	-0.22	3.21	6.21
		19	-0.54	-2.28	1.41	0.22	3.25	4.23
	9	4	361.04	8.08	3.15	-1.21	-14.15	9.37
		19	-329.85	-8.08	-3.15	1.21	-0.25	27.57
	10	4	360.38	8.14	-4.79	-1.14	6.00	9.53
		19	-329.19	-8.14	4.79	1.14	15.87	27.67
	11	4	361.05	5.99	0.55	-0.97	-7.21	3.69
		19	-329.86	-5.99	-0.55	0.97	4.68	23.69
	12	4	361.30	10.17	-2.03	-1.37	-1.33	15.05
		19	-330.11	-10.17	2.03	1.37	10.62	31.44
	13	4	361.28	7.90	2.83	-1.20	-13.41	8.99
		19	-330.09	-7.90	-2.83	1.20	0.47	27.13
	14	4	360.62	7.96	-5.11	-1.12	6.74	9.14
		19	-329.43	-7.96	5.11	1.12	16.60	27.22
	15	4	361.29	5.81	0.23	-0.96	-6.48	3.30
		19	-330.10	-5.81	-0.23	0.96	5.41	23.24
	16	4	361.54	9.99	-2.35	-1.36	-0.59	14.66
		19	-330.35	-9.99	2.35	1.36	11.35	30.99
	17	4	340.94	7.56	5.51	-1.15	-19.90	8.55
		19	-309.75	-7.56	-5.51	1.15	-5.30	26.00
	18	4	339.85	7.65	-7.72	-1.03	13.70	8.81
		19	-308.65	-7.65	7.72	1.03	21.58	26.15
	19	4	340.96	4.07	1.18	-0.75	-8.34	-0.92
		19	-309.77	-4.07	-1.18	0.75	2.93	19.52
	20	4	341.39	11.04	-3.13	-1.42	1.48	18.01
		19	-310.20	-11.04	3.13	1.42	12.83	32.44
	21	4	273.52	6.14	2.00	-0.91	-9.76	7.10
		19	-249.53	-6.14	-2.00	0.91	0.60	20.94
	22	4	273.08	6.17	-3.29	-0.86	3.67	7.20
		19	-249.09	-6.17	3.29	0.86	11.35	21.01
	23	4	273.53	4.74	0.27	-0.75	-5.14	3.31
		19	-249.54	-4.74	-0.27	0.75	3.89	18.36
	24	4	273.70	7.53	-1.45	-1.02	-1.21	10.89
		19	-249.71	-7.53	1.45	1.02	7.85	23.52

25	4	273.68	6.02	1.79	-0.90	-9.27	6.84
	19	-249.69	-6.02	-1.79	0.90	1.08	20.65
26	4	273.24	6.05	-3.50	-0.85	4.17	6.95
	19	-249.25	-6.05	3.50	0.85	11.83	20.71
27	4	273.69	4.62	0.06	-0.74	-4.65	3.06
	19	-249.70	-4.62	-0.06	0.74	4.37	18.06
28	4	273.86	7.41	-1.67	-1.01	-0.72	10.63
	19	-249.86	-7.41	1.67	1.01	8.33	23.23
29	4	260.13	5.79	3.58	-0.87	-13.59	6.55
	19	-236.13	-5.79	-3.58	0.87	-2.76	19.89
30	4	259.39	5.85	-5.24	-0.79	8.80	6.73
	19	-235.40	-5.85	5.24	0.79	15.16	20.00
31	4	260.14	3.46	0.69	-0.61	-5.89	0.24
	19	-236.15	-3.46	-0.69	0.61	2.72	15.58
32	4	260.42	8.11	-2.18	-1.05	0.66	12.86
	19	-236.43	-8.11	2.18	1.05	9.32	24.19
33	4	246.22	5.61	-0.72	-0.78	-2.47	6.40
	19	-222.23	-5.61	0.72	0.78	5.77	19.23
34	4	251.68	5.69	-0.74	-0.80	-2.50	6.50
	19	-227.69	-5.69	0.74	0.80	5.89	19.52
35	4	246.27	5.60	0.15	-0.79	-4.67	6.38
	19	-222.28	-5.60	-0.15	0.79	4.00	19.22
36	4	246.13	5.61	-1.62	-0.77	-0.19	6.42
	19	-222.13	-5.61	1.62	0.77	7.58	19.24
37	4	246.28	5.14	-0.43	-0.74	-3.13	5.12
	19	-222.28	-5.14	0.43	0.74	5.10	18.35
38	4	246.33	6.07	-1.00	-0.83	-1.82	7.64
	19	-222.34	-6.07	1.00	0.83	6.42	20.08
39	4	246.22	5.61	-0.72	-0.78	-2.47	6.40
	19	-222.23	-5.61	0.72	0.78	5.77	19.23
40	4	1.58	-1.41	88.60	-0.55	-224.73	-3.77
	19	-1.58	1.41	-88.60	0.55	-180.15	-2.66
41	4	5.14	-0.32	102.41	-1.36	-259.10	-0.99
	19	-5.14	0.32	-102.41	1.36	-208.94	-0.45
42	4	-38.90	-21.72	14.86	-0.21	-36.22	-58.55
	19	38.90	21.72	-14.86	0.21	-31.67	-40.72
43	4	-32.55	-18.26	7.10	0.59	-16.70	-49.37
	19	32.55	18.26	-7.10	-0.59	-15.75	-34.07
44	4	236.13	-2.31	92.33	-1.40	-238.06	-14.93
	19	-212.14	2.31	-92.33	1.40	-183.88	4.36
45	4	259.47	10.72	83.42	-1.27	-216.33	20.20
	19	-235.48	-10.72	-83.42	1.27	-164.88	28.79
46	4	238.04	-1.28	90.00	-1.15	-232.20	-12.18
	19	-214.04	1.28	-90.00	1.15	-179.11	6.35
47	4	257.57	9.68	85.74	-1.51	-222.19	17.44
	19	-233.58	-9.68	-85.74	1.51	-169.66	26.79
48	4	232.97	0.50	-84.86	-0.30	211.40	-7.39
	19	-208.98	-0.50	84.86	0.30	176.42	9.67
49	4	256.32	13.53	-93.77	-0.17	233.13	27.74
	19	-232.32	-13.53	93.77	0.17	195.42	34.10

50	4	234.88	1.54	-87.19	-0.05	217.26	-4.64
	19	-210.89	-1.54	87.19	0.05	181.19	11.67
51	4	254.41	12.49	-91.45	-0.41	227.27	24.98
	19	-230.42	-12.49	91.45	0.41	190.64	32.11
52	4	239.69	-1.22	106.15	-2.21	-272.43	-12.15
	19	-215.70	1.22	-106.15	2.21	-212.67	6.56
53	4	263.03	11.81	97.24	-2.08	-250.70	22.98
	19	-239.04	-11.81	-97.24	2.08	-193.67	30.99
54	4	241.59	-0.19	103.82	-1.97	-266.57	-9.40
	19	-217.60	0.19	-103.82	1.97	-207.89	8.55
55	4	261.13	10.77	99.56	-2.33	-256.56	20.22
	19	-237.13	-10.77	-99.56	2.33	-198.44	29.00
56	4	229.42	-0.59	-98.68	0.52	245.77	-10.17
	19	-205.42	0.59	98.68	-0.52	205.20	7.47
57	4	252.76	12.44	-107.59	0.65	267.50	24.96
	19	-228.77	-12.44	107.59	-0.65	224.20	31.90
58	4	231.32	0.45	-101.01	0.76	251.62	-7.42
	19	-207.33	-0.45	101.01	-0.76	209.98	9.46
59	4	250.85	11.40	-105.27	0.40	261.64	22.20
	19	-226.86	-11.40	105.27	-0.40	219.43	29.90
60	4	207.79	-16.53	40.71	-1.16	-106.11	-53.28
	19	-183.80	16.53	-40.71	1.16	-79.95	-22.28
61	4	206.85	-15.69	-12.45	-0.83	28.73	-51.02
	19	-182.85	15.69	12.45	0.83	28.14	-20.69
62	4	208.86	-16.21	44.86	-1.41	-116.42	-52.45
	19	-184.87	16.21	-44.86	1.41	-88.58	-21.62
63	4	205.78	-16.02	-16.59	-0.59	39.04	-51.85
	19	-181.79	16.02	16.59	0.59	36.78	-21.35
64	4	285.60	26.91	11.00	-0.73	-33.66	63.82
	19	-261.61	-26.91	-11.00	0.73	-16.61	59.15
65	4	284.65	27.75	-42.16	-0.40	101.17	66.08
	19	-260.66	-27.75	42.16	0.40	91.48	60.74
66	4	286.67	27.24	15.15	-0.98	-43.97	64.66
	19	-262.68	-27.24	-15.15	0.98	-25.25	59.81
67	4	283.59	27.42	-46.30	-0.16	111.49	65.25
	19	-259.59	-27.42	46.30	0.16	100.12	60.08
68	4	214.14	-13.07	32.96	-0.35	-86.58	-44.10
	19	-190.15	13.07	-32.96	0.35	-64.03	-15.64
69	4	213.20	-12.23	-20.20	-0.02	48.26	-41.84
	19	-189.20	12.23	20.20	0.02	44.06	-14.05
70	4	215.21	-12.75	37.10	-0.60	-96.89	-43.27
	19	-191.22	12.75	-37.10	0.60	-72.66	-14.98
71	4	212.13	-12.56	-24.35	0.22	58.57	-42.67
	19	-188.14	12.56	24.35	-0.22	52.70	-14.71
72	4	279.25	23.45	18.76	-1.54	-53.19	54.64
	19	-255.26	-23.45	-18.76	1.54	-32.53	52.50
73	4	278.30	24.29	-34.40	-1.21	81.65	56.91
	19	-254.31	-24.29	34.40	1.21	75.56	54.10
74	4	280.32	23.77	22.90	-1.78	-63.50	55.48
	19	-256.33	-23.77	-22.90	1.78	-41.16	53.17

	75	4	277.24	23.96	-38.55	-0.97	91.96	56.07
		19	-253.24	-23.96	38.55	0.97	84.20	53.44
5	1	5	133.38	4.90	5.32	0.39	-6.92	-7.02
		20	-109.39	-4.90	-5.32	-0.39	-17.41	29.41
	2	5	36.36	2.84	2.90	0.17	-5.07	0.91
		20	-36.36	-2.84	-2.90	-0.17	-8.18	12.08
	3	5	7.96	0.78	0.57	0.03	-0.87	0.38
		20	-7.96	-0.78	-0.57	-0.03	-1.72	3.20
	4	5	17.13	1.27	0.95	0.05	-1.33	0.16
		20	-17.13	-1.27	-0.95	-0.05	-3.01	5.65
	5	5	1.99	-0.38	1.06	0.05	-2.46	-1.12
		20	-1.99	0.38	-1.06	-0.05	-2.39	-0.62
	6	5	-2.16	0.51	-1.14	-0.06	2.65	1.50
		20	2.16	-0.51	1.14	0.06	2.58	0.84
	7	5	-6.32	-7.60	0.45	0.10	-1.22	-19.86
		20	6.32	7.60	-0.45	-0.10	-0.85	-14.88
	8	5	6.32	7.51	-0.44	-0.10	1.19	19.61
		20	-6.32	-7.51	0.44	0.10	0.83	14.69
	9	5	247.23	11.85	13.21	0.85	-20.11	-8.26
		20	-216.04	-11.85	-13.21	-0.85	-40.25	62.41
	10	5	243.49	12.65	11.22	0.75	-15.52	-5.90
		20	-212.30	-12.65	-11.22	-0.75	-35.77	63.73
	11	5	239.75	5.35	12.66	0.90	-19.00	-25.12
		20	-208.55	-5.35	-12.66	-0.90	-38.86	49.57
	12	5	251.12	18.95	11.86	0.72	-16.83	10.40
		20	-219.93	-18.95	-11.86	-0.72	-37.36	76.19
	13	5	248.14	11.63	13.07	0.85	-19.80	-8.71
		20	-216.95	-11.63	-13.07	-0.85	-39.93	61.85
	14	5	244.40	12.43	11.08	0.75	-15.21	-6.36
		20	-213.21	-12.43	-11.08	-0.75	-35.45	63.17
	15	5	240.66	5.13	12.52	0.90	-18.68	-25.58
		20	-209.47	-5.13	-12.52	-0.90	-38.54	49.01
	16	5	252.03	18.73	11.72	0.71	-16.52	9.95
		20	-220.84	-18.73	-11.72	-0.71	-37.03	75.63
	17	5	236.49	10.44	13.00	0.84	-20.28	-9.51
		20	-205.30	-10.44	-13.00	-0.84	-39.11	57.24
	18	5	230.26	11.79	9.68	0.67	-12.62	-5.58
		20	-199.07	-11.79	-9.68	-0.67	-31.64	59.44
	19	5	224.02	-0.39	12.08	0.92	-18.42	-37.61
		20	-192.83	0.39	-12.08	-0.92	-36.79	35.84
	20	5	242.98	22.27	10.74	0.61	-14.81	21.59
		20	-211.79	-22.27	-10.74	-0.61	-34.28	80.20
	21	5	187.45	8.93	9.90	0.64	-15.01	-6.32
		20	-163.46	-8.93	-9.90	-0.64	-30.25	47.14
	22	5	184.96	9.47	8.58	0.57	-11.94	-4.75
		20	-160.96	-9.47	-8.58	-0.57	-27.26	48.02
	23	5	182.46	4.60	9.54	0.67	-14.26	-17.56
		20	-158.47	-4.60	-9.54	-0.67	-29.32	38.58
	24	5	190.04	13.66	9.00	0.55	-12.82	6.12

	20	-166.05	-13.66	-9.00	-0.55	-28.31	56.32
25	5	188.06	8.78	9.81	0.64	-14.80	-6.62
	20	-164.07	-8.78	-9.81	-0.64	-30.03	46.76
26	5	185.57	9.32	8.49	0.57	-11.74	-5.05
	20	-161.57	-9.32	-8.49	-0.57	-27.05	47.64
27	5	183.07	4.45	9.44	0.67	-14.06	-17.87
	20	-159.08	-4.45	-9.44	-0.67	-29.10	38.21
28	5	190.65	13.52	8.91	0.55	-12.61	5.82
	20	-166.66	-13.52	-8.91	-0.55	-28.10	55.95
29	5	180.29	7.99	9.76	0.63	-15.12	-7.15
	20	-156.30	-7.99	-9.76	-0.63	-29.48	43.69
30	5	176.14	8.89	7.55	0.52	-10.01	-4.53
	20	-152.15	-8.89	-7.55	-0.52	-24.51	45.16
31	5	171.98	0.77	9.15	0.69	-13.88	-25.89
	20	-147.99	-0.77	-9.15	-0.69	-27.94	29.43
32	5	184.62	15.88	8.26	0.48	-11.47	13.58
	20	-160.62	-15.88	-8.26	-0.48	-26.26	59.00
33	5	169.73	7.74	8.22	0.56	-11.99	-6.11
	20	-145.74	-7.74	-8.22	-0.56	-25.58	41.49
34	5	173.16	7.99	8.41	0.57	-12.26	-6.08
	20	-149.17	-7.99	-8.41	-0.57	-26.19	42.62
35	5	170.13	7.66	8.43	0.57	-12.48	-6.34
	20	-146.14	-7.66	-8.43	-0.57	-26.06	41.36
36	5	169.30	7.84	7.99	0.55	-11.46	-5.81
	20	-145.31	-7.84	-7.99	-0.55	-25.07	41.65
37	5	168.47	6.22	8.31	0.58	-12.24	-10.08
	20	-144.48	-6.22	-8.31	-0.58	-25.75	38.51
38	5	171.00	9.24	8.13	0.54	-11.75	-2.19
	20	-147.01	-9.24	-8.13	-0.54	-25.42	44.42
39	5	169.73	7.74	8.22	0.56	-11.99	-6.11
	20	-145.74	-7.74	-8.22	-0.56	-25.58	41.49
40	5	34.09	-2.49	20.72	1.18	-48.01	-8.68
	20	-34.09	2.49	-20.72	-1.18	-46.70	-2.70
41	5	30.81	-7.53	24.17	0.02	-56.10	-21.83
	20	-30.81	7.53	-24.17	-0.02	-54.35	-12.57
42	5	-36.69	-93.61	4.00	0.11	-11.22	-244.36
	20	36.69	93.61	-4.00	-0.11	-7.07	-183.45
43	5	-32.38	-74.72	2.16	0.47	-6.58	-195.11
	20	32.38	74.72	-2.16	-0.47	-3.29	-146.37
44	5	192.82	-22.83	30.15	1.77	-63.37	-88.10
	20	-168.82	22.83	-30.15	-1.77	-74.41	-16.25
45	5	214.83	33.33	27.75	1.71	-56.64	58.51
	20	-190.84	-33.33	-27.75	-1.71	-70.17	93.82
46	5	194.11	-17.17	29.59	1.88	-61.97	-73.32
	20	-170.12	17.17	-29.59	-1.88	-73.27	-5.12
47	5	213.54	27.67	28.30	1.60	-58.03	43.74
	20	-189.55	-27.67	-28.30	-1.60	-71.30	82.70
48	5	124.64	-17.85	-11.30	-0.59	32.65	-70.74
	20	-100.65	17.85	11.30	0.59	19.00	-10.85
49	5	146.65	38.31	-13.70	-0.65	39.38	75.88

	20	-122.66	-38.31	13.70	0.65	23.24	99.22
50	5	125.93	-12.19	-11.86	-0.48	34.04	-55.96
	20	-101.94	12.19	11.86	0.48	20.13	0.27
51	5	145.36	32.65	-13.15	-0.76	37.99	61.10
	20	-121.37	-32.65	13.15	0.76	22.10	88.10
52	5	189.54	-27.87	33.59	0.61	-71.46	-101.25
	20	-165.54	27.87	-33.59	-0.61	-82.06	-26.12
53	5	211.55	28.30	31.19	0.55	-64.73	45.36
	20	-187.56	-28.30	-31.19	-0.55	-77.82	83.95
54	5	190.83	-22.20	33.04	0.72	-70.06	-86.48
	20	-166.84	22.20	-33.04	-0.72	-80.92	-14.99
55	5	210.26	22.63	31.74	0.44	-66.12	30.59
	20	-186.27	-22.63	-31.74	-0.44	-78.95	72.83
56	5	127.92	-12.82	-14.75	0.57	40.74	-57.59
	20	-103.93	12.82	14.75	-0.57	26.65	-0.98
57	5	149.93	43.35	-17.15	0.50	47.47	89.03
	20	-125.94	-43.35	17.15	-0.50	30.89	109.09
58	5	129.21	-7.15	-15.30	0.68	42.13	-42.81
	20	-105.22	7.15	15.30	-0.68	27.79	10.14
59	5	148.64	37.68	-16.59	0.40	46.08	74.25
	20	-124.65	-37.68	16.59	-0.40	29.76	97.96
60	5	143.27	-86.62	18.44	1.02	-37.61	-253.07
	20	-119.28	86.62	-18.44	-1.02	-46.66	-142.77
61	5	122.82	-85.12	6.01	0.32	-8.81	-247.86
	20	-98.83	85.12	-6.01	-0.32	-18.64	-141.15
62	5	142.29	-88.13	19.47	0.68	-40.04	-257.02
	20	-118.30	88.13	-19.47	-0.68	-48.95	-145.73
63	5	123.80	-83.61	4.97	0.66	-6.38	-243.92
	20	-99.81	83.61	-4.97	-0.66	-16.34	-138.19
64	5	216.65	100.61	10.44	0.80	-15.18	235.64
	20	-192.66	-100.61	-10.44	-0.80	-32.53	224.13
65	5	196.20	102.10	-2.00	0.09	13.63	240.85
	20	-172.20	-102.10	2.00	-0.09	-4.51	225.75
66	5	215.67	99.09	11.47	0.45	-17.60	231.70
	20	-191.67	-99.09	-11.47	-0.45	-34.82	221.17
67	5	197.18	103.61	-3.03	0.44	16.06	244.80
	20	-173.19	-103.61	3.03	-0.44	-2.21	228.71
68	5	147.58	-67.73	16.60	1.38	-32.97	-203.82
	20	-123.59	67.73	-16.60	-1.38	-42.88	-105.69
69	5	127.13	-66.23	4.16	0.68	-4.17	-198.61
	20	-103.13	66.23	-4.16	-0.68	-14.86	-104.07
70	5	146.59	-69.24	17.63	1.04	-35.40	-207.77
	20	-122.60	69.24	-17.63	-1.04	-45.18	-108.65
71	5	128.11	-64.72	3.13	1.02	-1.74	-194.67
	20	-104.12	64.72	-3.13	-1.02	-12.56	-101.11
72	5	212.34	81.71	12.28	0.44	-19.81	186.39
	20	-188.35	-81.71	-12.28	-0.44	-36.31	187.04
73	5	191.89	83.21	-0.15	-0.27	8.99	191.60
	20	-167.90	-83.21	0.15	0.27	-8.29	188.66
74	5	211.36	80.20	13.31	0.09	-22.24	182.44

		20	-187.37	-80.20	-13.31	-0.09	-38.60	184.08
	75	5	192.88	84.72	-1.19	0.08	11.42	195.54
		20	-168.88	-84.72	1.19	-0.08	-5.99	191.62
6	1	6	180.29	0.00	-6.84	0.00	10.85	0.00
		21	-156.29	0.00	6.84	0.00	20.42	0.00
	2	6	48.27	0.00	-3.29	0.00	6.40	0.00
		21	-48.27	0.00	3.29	0.00	8.62	0.00
	3	6	11.43	0.00	-0.76	0.00	1.36	0.00
		21	-11.43	0.00	0.76	0.00	2.10	0.00
	4	6	24.89	0.00	-1.14	0.00	1.91	0.00
		21	-24.89	0.00	1.14	0.00	3.32	0.00
	5	6	3.51	0.00	1.01	0.00	-2.75	0.00
		21	-3.51	0.00	-1.01	0.00	-1.85	0.00
	6	6	-1.25	0.00	-0.87	0.00	2.38	0.00
		21	1.25	0.00	0.87	0.00	1.58	0.00
	7	6	0.03	-9.93	0.01	0.01	-0.04	-24.51
		21	-0.03	9.93	-0.01	-0.01	-0.02	-20.87
	8	6	-0.02	9.93	0.01	-0.01	-0.03	24.51
		21	0.02	-9.93	-0.01	0.01	-0.02	20.87
	9	6	336.08	0.00	-14.25	0.00	23.42	0.00
		21	-304.89	0.00	14.25	0.00	41.72	0.00
	10	6	331.80	0.00	-15.94	0.00	28.04	0.00
		21	-300.61	0.00	15.94	0.00	44.81	0.00
	11	6	332.95	-8.94	-15.15	0.01	25.87	-22.06
		21	-301.76	8.94	15.15	-0.01	43.36	-18.78
	12	6	332.90	8.94	-15.15	-0.01	25.87	22.07
		21	-301.71	-8.94	15.15	0.01	43.37	18.79
	13	6	337.61	0.00	-13.98	0.00	22.81	0.00
		21	-306.42	0.00	13.98	0.00	41.06	0.00
	14	6	333.33	0.00	-15.66	0.00	27.42	0.00
		21	-302.14	0.00	15.66	0.00	44.15	0.00
	15	6	334.48	-8.94	-14.87	0.01	25.25	-22.06
		21	-303.29	8.94	14.87	-0.01	42.70	-18.78
	16	6	334.43	8.94	-14.87	-0.01	25.26	22.07
		21	-303.24	-8.94	14.87	0.01	42.71	18.79
	17	6	321.05	0.00	-12.51	0.00	19.73	0.00
		21	-289.86	0.00	12.51	0.00	37.46	0.00
	18	6	313.92	0.00	-15.32	0.00	27.42	0.00
		21	-282.73	0.00	15.32	0.00	42.61	0.00
	19	6	315.83	-14.90	-14.00	0.02	23.80	-36.77
		21	-284.64	14.90	14.00	-0.02	40.20	-31.30
	20	6	315.75	14.90	-14.01	-0.02	23.81	36.77
		21	-284.56	-14.90	14.01	0.02	40.21	31.31
	21	6	254.53	0.00	-10.85	0.00	17.92	0.00
		21	-230.54	0.00	10.85	0.00	31.68	0.00
	22	6	251.68	0.00	-11.98	0.00	20.99	0.00
		21	-227.68	0.00	11.98	0.00	33.74	0.00
	23	6	252.44	-5.96	-11.45	0.01	19.54	-14.71
		21	-228.45	5.96	11.45	-0.01	32.78	-12.52

24	6	252.41	5.96	-11.45	-0.01	19.55	14.71
	21	-228.42	-5.96	11.45	0.01	32.78	12.52
25	6	255.55	0.00	-10.67	0.00	17.50	0.00
	21	-231.55	0.00	10.67	0.00	31.24	0.00
26	6	252.69	0.00	-11.79	0.00	20.58	0.00
	21	-228.70	0.00	11.79	0.00	33.30	0.00
27	6	253.46	-5.96	-11.26	0.01	19.13	-14.71
	21	-229.47	5.96	11.26	-0.01	32.34	-12.52
28	6	253.43	5.96	-11.27	-0.01	19.14	14.71
	21	-229.43	-5.96	11.27	0.01	32.34	12.52
29	6	244.51	0.00	-9.69	0.00	15.45	0.00
	21	-220.51	0.00	9.69	0.00	28.84	0.00
30	6	239.75	0.00	-11.57	0.00	20.58	0.00
	21	-215.76	0.00	11.57	0.00	32.28	0.00
31	6	241.03	-9.93	-10.69	0.01	18.17	-24.51
	21	-217.04	9.93	10.69	-0.01	30.67	-20.87
32	6	240.97	9.93	-10.69	-0.01	18.17	24.52
	21	-216.98	-9.93	10.69	0.01	30.68	20.87
33	6	228.55	0.00	-10.13	0.00	17.25	0.00
	21	-204.56	0.00	10.13	0.00	29.04	0.00
34	6	233.53	0.00	-10.36	0.00	17.63	0.00
	21	-209.54	0.00	10.36	0.00	29.70	0.00
35	6	229.26	0.00	-9.93	0.00	16.70	0.00
	21	-205.26	0.00	9.93	0.00	28.67	0.00
36	6	228.31	0.00	-10.30	0.00	17.72	0.00
	21	-204.31	0.00	10.30	0.00	29.35	0.00
37	6	228.56	-1.99	-10.13	0.00	17.24	-4.90
	21	-204.57	1.99	10.13	0.00	29.03	-4.17
38	6	228.55	1.99	-10.13	0.00	17.24	4.90
	21	-204.56	-1.99	10.13	0.00	29.03	4.17
39	6	228.55	0.00	-10.13	0.00	17.25	0.00
	21	-204.56	0.00	10.13	0.00	29.04	0.00
40	6	-15.38	-3.22	16.34	0.61	-44.97	-7.91
	21	15.38	3.22	-16.34	-0.61	-29.69	-6.83
41	6	-15.39	3.22	16.34	-0.61	-44.96	7.90
	21	15.39	-3.22	-16.34	0.61	-29.69	6.82
42	6	0.27	-98.50	0.01	0.20	-0.04	-242.85
	21	-0.27	98.50	-0.01	-0.20	-0.03	-207.31
43	6	0.33	-123.16	0.02	0.79	-0.05	-303.63
	21	-0.33	123.16	-0.02	-0.79	-0.04	-259.22
44	6	213.26	-32.78	6.21	0.67	-27.73	-80.77
	21	-189.27	32.78	-6.21	-0.67	-0.67	-69.02
45	6	213.10	26.33	6.21	0.55	-27.71	64.95
	21	-189.11	-26.33	-6.21	-0.55	-0.65	55.37
46	6	213.28	-40.17	6.22	0.85	-27.74	-99.00
	21	-189.29	40.17	-6.22	-0.85	-0.67	-84.59
47	6	213.08	33.72	6.20	0.38	-27.71	83.18
	21	-189.09	-33.72	-6.20	-0.38	-0.65	70.94
48	6	244.01	-26.33	-26.46	-0.55	62.21	-64.94
	21	-220.02	26.33	26.46	0.55	58.72	-55.37

49	6	243.85	32.78	-26.47	-0.67	62.23	80.77
	21	-219.86	-32.78	26.47	0.67	58.74	69.02
50	6	244.03	-33.72	-26.46	-0.38	62.20	-83.18
	21	-220.04	33.72	26.46	0.38	58.72	-70.94
51	6	243.83	40.17	-26.47	-0.85	62.23	99.00
	21	-219.84	-40.17	26.47	0.85	58.74	84.59
52	6	213.24	-26.33	6.21	-0.55	-27.73	-64.95
	21	-189.25	26.33	-6.21	0.55	-0.66	-55.37
53	6	213.08	32.77	6.20	-0.67	-27.71	80.76
	21	-189.09	-32.77	-6.20	0.67	-0.65	69.01
54	6	213.26	-33.73	6.21	-0.37	-27.73	-83.18
	21	-189.27	33.73	-6.21	0.37	-0.67	-70.95
55	6	213.06	40.17	6.20	-0.85	-27.70	98.99
	21	-189.07	-40.17	-6.20	0.85	-0.64	84.58
56	6	244.03	-32.77	-26.46	0.67	62.20	-80.76
	21	-220.03	32.77	26.46	-0.67	58.72	-69.01
57	6	243.87	26.33	-26.47	0.55	62.22	64.95
	21	-219.87	-26.33	26.47	-0.55	58.73	55.37
58	6	244.05	-40.17	-26.46	0.85	62.20	-98.99
	21	-220.05	40.17	26.46	-0.85	58.71	-84.58
59	6	243.85	33.73	-26.47	0.37	62.23	83.19
	21	-219.86	-33.73	26.47	-0.37	58.74	70.95
60	6	224.21	-99.47	-5.21	0.38	3.72	-245.23
	21	-200.22	99.47	5.21	-0.38	20.10	-209.36
61	6	233.43	-97.54	-15.01	0.02	30.70	-240.48
	21	-209.44	97.54	15.01	-0.02	37.92	-205.26
62	6	224.20	-97.54	-5.21	0.02	3.72	-240.48
	21	-200.21	97.54	5.21	-0.02	20.10	-205.26
63	6	233.44	-99.47	-15.01	0.38	30.70	-245.23
	21	-209.45	99.47	15.01	-0.38	37.92	-209.36
64	6	223.67	97.54	-5.24	-0.02	3.80	240.48
	21	-199.68	-97.54	5.24	0.02	20.15	205.26
65	6	232.90	99.47	-15.04	-0.38	30.78	245.23
	21	-208.91	-99.47	15.04	0.38	37.97	209.36
66	6	223.67	99.47	-5.24	-0.38	3.80	245.23
	21	-199.68	-99.47	5.24	0.38	20.15	209.36
67	6	232.91	97.54	-15.04	-0.02	30.78	240.48
	21	-208.91	-97.54	15.04	0.02	37.97	205.26
68	6	224.27	-124.13	-5.21	0.97	3.71	-306.00
	21	-200.28	124.13	5.21	-0.97	20.09	-261.27
69	6	233.50	-122.19	-15.01	0.61	30.69	-301.25
	21	-209.51	122.19	15.01	-0.61	37.91	-257.17
70	6	224.27	-122.19	-5.21	0.61	3.71	-301.25
	21	-200.28	122.19	5.21	-0.61	20.09	-257.17
71	6	233.50	-124.13	-15.01	0.97	30.69	-306.00
	21	-209.51	124.13	15.01	-0.97	37.91	-261.26
72	6	223.61	122.19	-5.25	-0.61	3.81	301.25
	21	-199.62	-122.19	5.25	0.61	20.16	257.17
73	6	232.84	124.13	-15.05	-0.97	30.79	306.00
	21	-208.84	-124.13	15.05	0.97	37.98	261.27

74	6	223.61	124.13	-5.25	-0.97	3.81	306.00
	21	-199.61	-124.13	5.25	0.97	20.16	261.27
75	6	232.84	122.19	-15.05	-0.61	30.79	301.26
	21	-208.85	-122.19	15.05	0.61	37.98	257.17
7	1	358.02	0.00	6.95	0.00	-15.19	0.00
	22	-330.60	0.00	-6.95	0.00	-16.55	0.00
2	7	127.83	0.00	1.56	0.00	-2.39	0.00
	22	-127.83	0.00	-1.56	0.00	-4.75	0.00
3	7	28.60	0.00	0.58	0.00	-1.17	0.00
	22	-28.60	0.00	-0.58	0.00	-1.48	0.00
4	7	50.86	0.00	1.15	0.00	-2.51	0.00
	22	-50.86	0.00	-1.15	0.00	-2.74	0.00
5	7	-2.29	0.00	1.53	0.00	-5.61	0.00
	22	2.29	0.00	-1.53	0.00	-1.40	0.00
6	7	0.73	0.00	-1.53	0.00	5.49	0.00
	22	-0.73	0.00	1.53	0.00	1.48	0.00
7	7	-0.81	-5.72	0.01	-0.04	-0.05	-14.35
	22	0.81	5.72	-0.01	0.04	-0.01	-11.79
8	7	-0.79	5.72	0.01	0.04	-0.04	14.35
	22	0.79	-5.72	-0.01	-0.04	-0.01	11.79
9	7	710.59	0.00	14.17	0.00	-31.54	0.00
	22	-674.95	0.00	-14.17	0.00	-33.22	0.00
10	7	713.31	0.00	11.42	0.00	-21.55	0.00
	22	-677.67	0.00	-11.42	0.00	-30.63	0.00
11	7	711.92	-5.15	12.80	-0.04	-26.53	-12.92
	22	-676.28	5.15	-12.80	0.04	-31.97	-10.61
12	7	711.94	5.15	12.80	0.04	-26.53	12.91
	22	-676.30	-5.15	-12.80	-0.04	-31.97	10.61
13	7	705.83	0.00	14.16	0.00	-31.67	0.00
	22	-670.19	0.00	-14.16	0.00	-33.05	0.00
14	7	708.55	0.00	11.41	0.00	-21.68	0.00
	22	-672.91	0.00	-11.41	0.00	-30.46	0.00
15	7	707.16	-5.15	12.79	-0.04	-26.66	-12.92
	22	-671.52	5.15	-12.79	0.04	-31.80	-10.61
16	7	707.18	5.15	12.79	0.04	-26.66	12.91
	22	-671.54	-5.15	-12.79	-0.04	-31.80	10.61
17	7	666.31	0.00	14.22	0.00	-33.16	0.00
	22	-630.66	0.00	-14.22	0.00	-31.84	0.00
18	7	670.85	0.00	9.63	0.00	-16.50	0.00
	22	-635.20	0.00	-9.63	0.00	-27.53	0.00
19	7	668.53	-8.58	11.94	-0.06	-24.81	-21.53
	22	-632.88	8.58	-11.94	0.06	-29.76	-17.69
20	7	668.56	8.58	11.94	0.06	-24.80	21.52
	22	-632.92	-8.58	-11.94	-0.06	-29.75	17.68
21	7	538.51	0.00	10.58	0.00	-23.37	0.00
	22	-511.09	0.00	-10.58	0.00	-24.99	0.00
22	7	540.32	0.00	8.75	0.00	-16.71	0.00
	22	-512.90	0.00	-8.75	0.00	-23.26	0.00
23	7	539.39	-3.43	9.67	-0.03	-20.03	-8.61

	22	-511.97	3.43	-9.67	0.03	-24.15	-7.08
24	7	539.41	3.43	9.67	0.02	-20.03	8.61
	22	-511.99	-3.43	-9.67	-0.02	-24.15	7.07
25	7	535.33	0.00	10.58	0.00	-23.46	0.00
	22	-507.91	0.00	-10.58	0.00	-24.87	0.00
26	7	537.15	0.00	8.74	0.00	-16.80	0.00
	22	-509.73	0.00	-8.74	0.00	-23.15	0.00
27	7	536.22	-3.43	9.66	-0.03	-20.12	-8.61
	22	-508.80	3.43	-9.66	0.03	-24.04	-7.08
28	7	536.24	3.43	9.66	0.02	-20.12	8.61
	22	-508.82	-3.43	-9.66	-0.02	-24.04	7.07
29	7	508.99	0.00	10.62	0.00	-24.45	0.00
	22	-481.57	0.00	-10.62	0.00	-24.06	0.00
30	7	512.01	0.00	7.56	0.00	-13.34	0.00
	22	-484.59	0.00	-7.56	0.00	-21.19	0.00
31	7	510.46	-5.72	9.09	-0.04	-18.89	-14.35
	22	-483.04	5.72	-9.09	0.04	-22.68	-11.79
32	7	510.49	5.72	9.09	0.04	-18.88	14.35
	22	-483.07	-5.72	-9.09	-0.04	-22.68	11.79
33	7	485.85	0.00	8.51	0.00	-17.58	0.00
	22	-458.43	0.00	-8.51	0.00	-21.30	0.00
34	7	496.02	0.00	8.74	0.00	-18.09	0.00
	22	-468.60	0.00	-8.74	0.00	-21.84	0.00
35	7	485.39	0.00	8.81	0.00	-18.71	0.00
	22	-457.97	0.00	-8.81	0.00	-21.58	0.00
36	7	485.99	0.00	8.20	0.00	-16.48	0.00
	22	-458.57	0.00	-8.20	0.00	-21.00	0.00
37	7	485.68	-1.14	8.51	-0.01	-17.59	-2.87
	22	-458.26	1.14	-8.51	0.01	-21.30	-2.36
38	7	485.69	1.14	8.51	0.01	-17.59	2.87
	22	-458.27	-1.14	-8.51	-0.01	-21.30	2.36
39	7	485.85	0.00	8.51	0.00	-17.58	0.00
	22	-458.43	0.00	-8.51	0.00	-21.30	0.00
40	7	1.38	1.09	32.78	0.86	-116.36	2.77
	22	-1.38	-1.09	-32.78	-0.86	-33.46	2.19
41	7	1.39	-1.09	32.78	-0.86	-116.35	-2.77
	22	-1.39	1.09	-32.78	0.86	-33.46	-2.19
42	7	-0.11	-44.01	0.01	-0.16	-0.03	-111.23
	22	0.11	44.01	-0.01	0.16	-0.01	-89.88
43	7	-0.13	-51.91	0.02	0.50	-0.06	-131.25
	22	0.13	51.91	-0.02	-0.50	-0.01	-106.00
44	7	487.19	-12.12	41.30	0.82	-133.96	-30.60
	22	-459.77	12.12	-41.30	-0.82	-54.76	-24.78
45	7	487.26	14.29	41.29	0.91	-133.94	36.14
	22	-459.84	-14.29	-41.29	-0.91	-54.76	29.15
46	7	487.19	-14.49	41.30	1.02	-133.96	-36.60
	22	-459.77	14.49	-41.30	-1.02	-54.77	-29.61
47	7	487.27	16.66	41.29	0.71	-133.93	42.14
	22	-459.85	-16.66	-41.29	-0.71	-54.76	33.99
48	7	484.43	-14.29	-24.27	-0.91	98.77	-36.14

	22	-457.01	14.29	24.27	0.91	12.16	-29.15
49	7	484.50	12.12	-24.28	-0.82	98.79	30.60
	22	-457.08	-12.12	24.28	0.82	12.17	24.78
50	7	484.43	-16.66	-24.27	-0.71	98.76	-42.14
	22	-457.01	16.66	24.27	0.71	12.16	-33.99
51	7	484.51	14.49	-24.28	-1.02	98.80	36.60
	22	-457.09	-14.49	24.28	1.02	12.17	29.61
52	7	487.20	-14.29	41.29	-0.91	-133.95	-36.14
	22	-459.78	14.29	-41.29	0.91	-54.76	-29.16
53	7	487.27	12.12	41.29	-0.81	-133.92	30.60
	22	-459.85	-12.12	-41.29	0.81	-54.76	24.77
54	7	487.19	-16.66	41.29	-0.71	-133.95	-42.15
	22	-459.77	16.66	-41.29	0.71	-54.76	-33.99
55	7	487.27	14.49	41.28	-1.01	-133.92	36.60
	22	-459.85	-14.49	-41.28	1.01	-54.75	29.61
56	7	484.43	-12.12	-24.27	0.81	98.76	-30.60
	22	-457.01	12.12	24.27	-0.81	12.16	-24.77
57	7	484.50	14.29	-24.28	0.91	98.78	36.14
	22	-457.08	-14.29	24.28	-0.91	12.17	29.16
58	7	484.42	-14.49	-24.27	1.01	98.75	-36.60
	22	-457.00	14.49	24.27	-1.01	12.16	-29.61
59	7	484.50	16.66	-24.28	0.71	98.79	42.15
	22	-457.08	-16.66	24.28	-0.71	12.17	33.99
60	7	486.15	-43.68	18.35	0.09	-52.53	-110.40
	22	-458.73	43.68	-18.35	-0.09	-31.34	-89.23
61	7	485.32	-44.33	-1.32	-0.42	17.29	-112.06
	22	-457.90	44.33	1.32	0.42	-11.27	-90.54
62	7	486.15	-44.33	18.35	-0.42	-52.52	-112.06
	22	-458.73	44.33	-18.35	0.42	-31.34	-90.54
63	7	485.32	-43.68	-1.32	0.09	17.29	-110.40
	22	-457.90	43.68	1.32	-0.09	-11.27	-89.23
64	7	486.37	44.33	18.33	0.42	-52.46	112.06
	22	-458.95	-44.33	-18.33	-0.42	-31.33	90.54
65	7	485.55	43.68	-1.34	-0.10	17.36	110.40
	22	-458.13	-43.68	1.34	0.10	-11.25	89.23
66	7	486.38	43.68	18.33	-0.09	-52.45	110.40
	22	-458.96	-43.68	-18.33	0.09	-31.33	89.23
67	7	485.54	44.33	-1.34	0.42	17.36	112.06
	22	-458.12	-44.33	1.34	-0.42	-11.25	90.54
68	7	486.13	-51.59	18.36	0.76	-52.55	-130.41
	22	-458.71	51.59	-18.36	-0.76	-31.35	-105.34
69	7	485.30	-52.24	-1.31	0.24	17.26	-132.08
	22	-457.88	52.24	1.31	-0.24	-11.27	-106.66
70	7	486.13	-52.24	18.36	0.24	-52.55	-132.08
	22	-458.71	52.24	-18.36	-0.24	-31.35	-106.66
71	7	485.30	-51.59	-1.31	0.76	17.26	-130.41
	22	-457.88	51.59	1.31	-0.76	-11.27	-105.34
72	7	486.39	52.24	18.33	-0.24	-52.43	132.08
	22	-458.97	-52.24	-18.33	0.24	-31.32	106.66
73	7	485.56	51.59	-1.34	-0.76	17.39	130.41

		22	-458.14	-51.59	1.34	0.76	-11.24	105.34
74		7	486.39	51.59	18.33	-0.76	-52.43	130.41
		22	-458.97	-51.59	-18.33	0.76	-31.32	105.34
75		7	485.56	52.24	-1.34	-0.24	17.38	132.08
		22	-458.14	-52.24	1.34	0.24	-11.24	106.66
8	1	8	260.47	0.00	0.00	0.00	-0.01	0.00
		23	-233.05	0.00	0.00	0.00	0.00	0.00
	2	8	100.27	0.00	0.00	0.00	-0.01	0.00
		23	-100.27	0.00	0.00	0.00	0.00	0.00
	3	8	19.79	0.00	0.00	0.00	0.00	0.00
		23	-19.79	0.00	0.00	0.00	0.00	0.00
	4	8	34.81	0.00	0.00	0.00	0.00	0.00
		23	-34.81	0.00	0.00	0.00	0.00	0.00
	5	8	0.15	0.00	1.59	0.00	-5.63	0.00
		23	-0.15	0.00	-1.59	0.00	-1.65	0.00
	6	8	0.12	0.00	-1.59	0.00	5.63	0.00
		23	-0.12	0.00	1.59	0.00	1.65	0.00
	7	8	-0.73	-7.89	0.00	0.00	0.00	-19.92
		23	0.73	7.89	0.00	0.00	0.00	-16.15
	8	8	-0.74	7.89	0.00	0.00	0.00	19.92
		23	0.74	-7.89	0.00	0.00	0.00	16.15
	9	8	524.89	0.00	1.44	0.00	-5.10	0.00
		23	-489.24	0.00	-1.44	0.00	-1.50	0.00
	10	8	524.86	0.00	-1.42	0.00	5.03	0.00
		23	-489.22	0.00	1.42	0.00	1.47	0.00
	11	8	524.09	-7.10	0.01	0.00	-0.04	-17.93
		23	-488.45	7.10	-0.01	0.00	-0.01	-14.54
	12	8	524.09	7.10	0.01	0.00	-0.04	17.92
		23	-488.45	-7.10	-0.01	0.00	-0.01	14.53
	13	8	521.32	0.00	1.44	0.00	-5.10	0.00
		23	-485.67	0.00	-1.44	0.00	-1.50	0.00
	14	8	521.29	0.00	-1.42	0.00	5.03	0.00
		23	-485.64	0.00	1.42	0.00	1.47	0.00
	15	8	520.52	-7.10	0.01	0.00	-0.04	-17.93
		23	-484.88	7.10	-0.01	0.00	-0.01	-14.54
	16	8	520.52	7.10	0.01	0.00	-0.04	17.92
		23	-484.88	-7.10	-0.01	0.00	-0.01	14.53
	17	8	495.30	0.00	2.40	0.00	-8.48	0.00
		23	-459.65	0.00	-2.40	0.00	-2.48	0.00
	18	8	495.25	0.00	-2.38	0.00	8.41	0.00
		23	-459.61	0.00	2.38	0.00	2.46	0.00
	19	8	493.97	-11.84	0.01	0.00	-0.03	-29.88
		23	-458.33	11.84	-0.01	0.00	-0.01	-24.23
	20	8	493.97	11.84	0.01	0.00	-0.04	29.88
		23	-458.33	-11.84	-0.01	0.00	-0.01	24.22
	21	8	398.03	0.00	0.96	0.00	-3.40	0.00
		23	-370.61	0.00	-0.96	0.00	-1.00	0.00
	22	8	398.01	0.00	-0.95	0.00	3.35	0.00
		23	-370.59	0.00	0.95	0.00	0.98	0.00

23	8	397.49	-4.74	0.01	0.00	-0.03	-11.95
	23	-370.07	4.74	-0.01	0.00	-0.01	-9.69
24	8	397.49	4.73	0.01	0.00	-0.03	11.95
	23	-370.07	-4.73	-0.01	0.00	-0.01	9.69
25	8	395.64	0.00	0.96	0.00	-3.40	0.00
	23	-368.22	0.00	-0.96	0.00	-1.00	0.00
26	8	395.63	0.00	-0.95	0.00	3.35	0.00
	23	-368.21	0.00	0.95	0.00	0.98	0.00
27	8	395.11	-4.74	0.01	0.00	-0.03	-11.95
	23	-367.69	4.74	-0.01	0.00	-0.01	-9.69
28	8	395.11	4.73	0.01	0.00	-0.03	11.95
	23	-367.69	-4.73	-0.01	0.00	-0.01	9.69
29	8	378.30	0.00	1.60	0.00	-5.65	0.00
	23	-350.88	0.00	-1.60	0.00	-1.66	0.00
30	8	378.27	0.00	-1.58	0.00	5.60	0.00
	23	-350.85	0.00	1.58	0.00	1.64	0.00
31	8	377.41	-7.89	0.01	0.00	-0.03	-19.92
	23	-349.99	7.89	-0.01	0.00	-0.01	-16.15
32	8	377.41	7.89	0.01	0.00	-0.03	19.92
	23	-349.99	-7.89	-0.01	0.00	-0.01	16.15
33	8	360.74	0.00	0.01	0.00	-0.02	0.00
	23	-333.32	0.00	-0.01	0.00	-0.01	0.00
34	8	367.70	0.00	0.01	0.00	-0.02	0.00
	23	-340.28	0.00	-0.01	0.00	-0.01	0.00
35	8	360.77	0.00	0.33	0.00	-1.15	0.00
	23	-333.35	0.00	-0.33	0.00	-0.34	0.00
36	8	360.77	0.00	-0.31	0.00	1.10	0.00
	23	-333.35	0.00	0.31	0.00	0.32	0.00
37	8	360.59	-1.58	0.01	0.00	-0.02	-3.98
	23	-333.17	1.58	-0.01	0.00	-0.01	-3.23
38	8	360.59	1.58	0.01	0.00	-0.02	3.98
	23	-333.17	-1.58	-0.01	0.00	-0.01	3.23
39	8	360.74	0.00	0.01	0.00	-0.02	0.00
	23	-333.32	0.00	-0.01	0.00	-0.01	0.00
40	8	0.33	0.01	34.47	1.02	-122.26	0.02
	23	-0.33	-0.01	-34.47	-1.02	-35.24	0.02
41	8	0.33	-0.01	34.46	-1.01	-122.25	-0.01
	23	-0.33	0.01	-34.46	1.01	-35.24	-0.01
42	8	0.00	-47.29	-0.01	-0.20	0.02	-119.64
	23	0.00	47.29	0.01	0.20	0.01	-96.47
43	8	0.00	-47.28	0.00	0.19	0.00	-119.62
	23	0.00	47.28	0.00	-0.19	0.00	-96.46
44	8	361.08	-14.18	34.47	0.95	-122.28	-35.87
	23	-333.66	14.18	-34.47	-0.95	-35.25	-28.93
45	8	361.07	14.19	34.47	1.08	-122.29	35.91
	23	-333.65	-14.19	-34.47	-1.08	-35.25	28.96
46	8	361.08	-14.18	34.47	1.07	-122.29	-35.87
	23	-333.66	14.18	-34.47	-1.07	-35.25	-28.92
47	8	361.07	14.19	34.47	0.96	-122.29	35.91
	23	-333.65	-14.19	-34.47	-0.96	-35.25	28.95

48	8	360.41	-14.20	-34.46	-1.08	122.25	-35.91
	23	-332.99	14.20	34.46	1.08	35.24	-28.96
49	8	360.41	14.18	-34.46	-0.95	122.23	35.87
	23	-332.99	-14.18	34.46	0.95	35.23	28.92
50	8	360.41	-14.19	-34.46	-0.96	122.24	-35.91
	23	-332.99	14.19	34.46	0.96	35.24	-28.95
51	8	360.41	14.18	-34.46	-1.07	122.24	35.87
	23	-332.99	-14.18	34.46	1.07	35.24	28.92
52	8	361.08	-14.19	34.47	-1.07	-122.27	-35.91
	23	-333.66	14.19	-34.47	1.07	-35.25	-28.95
53	8	361.07	14.18	34.47	-0.95	-122.28	35.88
	23	-333.65	-14.18	-34.47	0.95	-35.25	28.93
54	8	361.08	-14.19	34.47	-0.95	-122.28	-35.90
	23	-333.66	14.19	-34.47	0.95	-35.25	-28.95
55	8	361.07	14.18	34.47	-1.06	-122.28	35.87
	23	-333.65	-14.18	-34.47	1.06	-35.25	28.92
56	8	360.41	-14.18	-34.46	0.95	122.24	-35.88
	23	-332.99	14.18	34.46	-0.95	35.23	-28.93
57	8	360.41	14.19	-34.45	1.07	122.22	35.91
	23	-332.99	-14.19	34.45	-1.07	35.23	28.95
58	8	360.41	-14.18	-34.46	1.06	122.23	-35.87
	23	-332.99	14.18	34.46	-1.06	35.23	-28.93
59	8	360.41	14.19	-34.46	0.95	122.23	35.90
	23	-332.99	-14.19	34.46	-0.95	35.23	28.95
60	8	360.85	-47.29	10.34	0.10	-36.68	-119.64
	23	-333.43	47.29	-10.34	-0.10	-10.58	-96.47
61	8	360.65	-47.29	-10.34	-0.51	36.68	-119.65
	23	-333.23	47.29	10.34	0.51	10.57	-96.48
62	8	360.85	-47.29	10.34	-0.51	-36.68	-119.65
	23	-333.43	47.29	-10.34	0.51	-10.57	-96.48
63	8	360.65	-47.29	-10.34	0.10	36.67	-119.64
	23	-333.23	47.29	10.34	-0.10	10.57	-96.47
64	8	360.84	47.29	10.35	0.51	-36.72	119.65
	23	-333.42	-47.29	-10.35	-0.51	-10.59	96.48
65	8	360.64	47.29	-10.33	-0.10	36.64	119.64
	23	-333.22	-47.29	10.33	0.10	10.56	96.47
66	8	360.84	47.29	10.35	-0.10	-36.72	119.64
	23	-333.42	-47.29	-10.35	0.10	-10.59	96.47
67	8	360.64	47.29	-10.33	0.51	36.63	119.65
	23	-333.22	-47.29	10.33	-0.51	10.56	96.47
68	8	360.85	-47.28	10.35	0.50	-36.70	-119.62
	23	-333.43	47.28	-10.35	-0.50	-10.58	-96.45
69	8	360.65	-47.28	-10.33	-0.11	36.66	-119.63
	23	-333.23	47.28	10.33	0.11	10.57	-96.46
70	8	360.85	-47.28	10.34	-0.11	-36.70	-119.63
	23	-333.43	47.28	-10.34	0.11	-10.58	-96.46
71	8	360.65	-47.28	-10.33	0.49	36.65	-119.62
	23	-333.23	47.28	10.33	-0.49	10.57	-96.45
72	8	360.84	47.28	10.35	0.11	-36.71	119.63
	23	-333.42	-47.28	-10.35	-0.11	-10.58	96.46

	73	8	360.64	47.28	-10.33	-0.50	36.65	119.62
		23	-333.22	-47.28	10.33	0.50	10.56	96.45
	74	8	360.84	47.28	10.35	-0.49	-36.70	119.62
		23	-333.42	-47.28	-10.35	0.49	-10.58	96.45
	75	8	360.64	47.28	-10.33	0.11	36.65	119.63
		23	-333.22	-47.28	10.33	-0.11	10.56	96.46
9	1	9	358.02	0.00	-6.94	0.00	15.18	0.00
		24	-330.60	0.00	6.94	0.00	16.54	0.00
	2	9	127.83	0.00	-1.55	0.00	2.36	0.00
		24	-127.83	0.00	1.55	0.00	4.74	0.00
	3	9	28.60	0.00	-0.58	0.00	1.16	0.00
		24	-28.60	0.00	0.58	0.00	1.48	0.00
	4	9	50.86	0.00	-1.15	0.00	2.50	0.00
		24	-50.86	0.00	1.15	0.00	2.73	0.00
	5	9	0.73	0.00	1.51	0.00	-5.46	0.00
		24	-0.73	0.00	-1.51	0.00	-1.47	0.00
	6	9	-2.30	0.00	-1.52	0.00	5.58	0.00
		24	2.30	0.00	1.52	0.00	1.39	0.00
	7	9	-0.81	-5.72	-0.01	0.04	0.05	-14.34
		24	0.81	5.72	0.01	-0.04	0.01	-11.79
	8	9	-0.79	5.72	-0.01	-0.04	0.04	14.34
		24	0.79	-5.72	0.01	0.04	0.01	11.79
	9	9	713.32	0.00	-11.41	0.00	21.51	0.00
		24	-677.67	0.00	11.41	0.00	30.62	0.00
	10	9	710.59	0.00	-14.14	0.00	31.44	0.00
		24	-674.95	0.00	14.14	0.00	33.19	0.00
	11	9	711.93	-5.15	-12.78	0.04	26.46	-12.91
		24	-676.28	5.15	12.78	-0.04	31.95	-10.61
	12	9	711.95	5.14	-12.78	-0.03	26.45	12.91
		24	-676.30	-5.14	12.78	0.03	31.95	10.60
	13	9	708.56	0.00	-11.40	0.00	21.64	0.00
		24	-672.91	0.00	11.40	0.00	30.45	0.00
	14	9	705.83	0.00	-14.13	0.00	31.57	0.00
		24	-670.19	0.00	14.13	0.00	33.02	0.00
	15	9	707.17	-5.15	-12.77	0.04	26.59	-12.91
		24	-671.52	5.15	12.77	-0.04	31.78	-10.61
	16	9	707.19	5.14	-12.77	-0.03	26.58	12.91
		24	-671.54	-5.14	12.77	0.03	31.78	10.60
	17	9	670.85	0.00	-9.63	0.00	16.49	0.00
		24	-635.21	0.00	9.63	0.00	27.52	0.00
	18	9	666.31	0.00	-14.19	0.00	33.04	0.00
		24	-630.66	0.00	14.19	0.00	31.80	0.00
	19	9	668.53	-8.58	-11.92	0.06	24.75	-21.52
		24	-632.88	8.58	11.92	-0.06	29.74	-17.68
	20	9	668.57	8.58	-11.92	-0.06	24.73	21.52
		24	-632.92	-8.58	11.92	0.06	29.73	17.68
	21	9	540.33	0.00	-8.74	0.00	16.68	0.00
		24	-512.91	0.00	8.74	0.00	23.25	0.00
	22	9	538.51	0.00	-10.56	0.00	23.30	0.00

	24	-511.09	0.00	10.56	0.00	24.96	0.00
23	9	539.40	-3.43	-9.65	0.02	19.98	-8.61
	24	-511.98	3.43	9.65	-0.02	24.14	-7.07
24	9	539.41	3.43	-9.65	-0.02	19.97	8.60
	24	-511.99	-3.43	9.65	0.02	24.13	7.07
25	9	537.15	0.00	-8.73	0.00	16.76	0.00
	24	-509.73	0.00	8.73	0.00	23.14	0.00
26	9	535.34	0.00	-10.55	0.00	23.38	0.00
	24	-507.92	0.00	10.55	0.00	24.85	0.00
27	9	536.22	-3.43	-9.65	0.02	20.07	-8.61
	24	-508.80	3.43	9.65	-0.02	24.02	-7.07
28	9	536.24	3.43	-9.65	-0.02	20.06	8.60
	24	-508.82	-3.43	9.65	0.02	24.02	7.07
29	9	512.02	0.00	-7.55	0.00	13.33	0.00
	24	-484.60	0.00	7.55	0.00	21.18	0.00
30	9	508.99	0.00	-10.59	0.00	24.36	0.00
	24	-481.57	0.00	10.59	0.00	24.04	0.00
31	9	510.47	-5.72	-9.08	0.04	18.84	-14.35
	24	-483.05	5.72	9.08	-0.04	22.66	-11.79
32	9	510.49	5.72	-9.08	-0.04	18.82	14.34
	24	-483.07	-5.72	9.08	0.04	22.66	11.78
33	9	485.85	0.00	-8.49	0.00	17.54	0.00
	24	-458.43	0.00	8.49	0.00	21.28	0.00
34	9	496.02	0.00	-8.72	0.00	18.04	0.00
	24	-468.60	0.00	8.72	0.00	21.83	0.00
35	9	486.00	0.00	-8.19	0.00	16.45	0.00
	24	-458.58	0.00	8.19	0.00	20.99	0.00
36	9	485.39	0.00	-8.80	0.00	18.65	0.00
	24	-457.97	0.00	8.80	0.00	21.56	0.00
37	9	485.69	-1.14	-8.50	0.01	17.55	-2.87
	24	-458.27	1.14	8.50	-0.01	21.28	-2.36
38	9	485.69	1.14	-8.50	-0.01	17.54	2.87
	24	-458.27	-1.14	8.50	0.01	21.28	2.36
39	9	485.85	0.00	-8.49	0.00	17.54	0.00
	24	-458.43	0.00	8.49	0.00	21.28	0.00
40	9	-1.32	-1.07	32.57	0.86	-115.59	-2.72
	24	1.32	1.07	-32.57	-0.86	-33.28	-2.15
41	9	-1.33	1.08	32.57	-0.87	-115.57	2.76
	24	1.33	-1.08	-32.57	0.87	-33.27	2.18
42	9	-0.13	-51.91	-0.02	-0.52	0.09	-131.22
	24	0.13	51.91	0.02	0.52	0.02	-105.98
43	9	-0.11	-43.98	-0.01	0.14	0.05	-111.17
	24	0.11	43.98	0.01	-0.14	0.01	-89.84
44	9	484.49	-16.64	24.07	0.70	-98.03	-42.09
	24	-457.07	16.64	-24.07	-0.70	-11.99	-33.95
45	9	484.57	14.50	24.09	1.02	-98.08	36.64
	24	-457.15	-14.50	-24.09	-1.02	-12.00	29.64
46	9	484.49	-14.26	24.08	0.91	-98.04	-36.08
	24	-457.07	14.26	-24.08	-0.91	-11.99	-29.10
47	9	484.56	12.13	24.08	0.82	-98.07	30.63

	24	-457.14	-12.13	-24.08	-0.82	-12.00	24.80
48	9	487.13	-14.50	-41.08	-1.02	133.15	-36.64
	24	-459.71	14.50	41.08	1.02	54.57	-29.64
49	9	487.21	16.64	-41.06	-0.70	133.10	42.09
	24	-459.79	-16.64	41.06	0.70	54.55	33.95
50	9	487.14	-12.13	-41.07	-0.82	133.14	-30.63
	24	-459.72	12.13	41.07	0.82	54.56	-24.80
51	9	487.21	14.26	-41.06	-0.90	133.11	36.08
	24	-459.79	-14.26	41.06	0.90	54.55	29.10
52	9	484.48	-14.49	24.07	-1.03	-98.01	-36.61
	24	-457.06	14.49	-24.07	1.03	-11.98	-29.62
53	9	484.56	16.65	24.08	-0.71	-98.06	42.12
	24	-457.14	-16.65	-24.08	0.71	-12.00	33.97
54	9	484.49	-12.12	24.07	-0.83	-98.02	-30.60
	24	-457.07	12.12	-24.07	0.83	-11.98	-24.77
55	9	484.56	14.28	24.08	-0.91	-98.05	36.11
	24	-457.14	-14.28	-24.08	0.91	-11.99	29.13
56	9	487.14	-16.65	-41.07	0.71	133.13	-42.12
	24	-459.72	16.65	41.07	-0.71	54.56	-33.97
57	9	487.22	14.49	-41.06	1.03	133.08	36.61
	24	-459.80	-14.49	41.06	-1.03	54.55	29.62
58	9	487.14	-14.28	-41.07	0.91	133.12	-36.11
	24	-459.72	14.28	41.07	-0.91	54.56	-29.13
59	9	487.21	12.12	-41.06	0.83	133.09	30.59
	24	-459.79	-12.12	41.06	-0.83	54.55	24.77
60	9	485.32	-52.23	1.25	-0.27	-17.05	-132.04
	24	-457.90	52.23	-1.25	0.27	11.32	-106.63
61	9	486.11	-51.59	-18.29	-0.78	52.30	-130.41
	24	-458.69	51.59	18.29	0.78	31.29	-105.34
62	9	485.32	-51.58	1.25	-0.79	-17.05	-130.40
	24	-457.90	51.58	-1.25	0.79	11.32	-105.33
63	9	486.12	-52.23	-18.29	-0.26	52.29	-132.05
	24	-458.70	52.23	18.29	0.26	31.29	-106.64
64	9	485.59	51.59	1.30	0.78	-17.23	130.41
	24	-458.17	-51.59	-1.30	-0.78	11.28	105.34
65	9	486.38	52.23	-18.24	0.27	52.13	132.04
	24	-458.96	-52.23	18.24	-0.27	31.24	106.63
66	9	485.58	52.23	1.30	0.26	-17.22	132.05
	24	-458.16	-52.23	-1.30	-0.26	11.28	106.64
67	9	486.38	51.58	-18.24	0.79	52.12	130.40
	24	-458.96	-51.58	18.24	-0.79	31.24	105.33
68	9	485.34	-44.30	1.26	0.40	-17.09	-111.99
	24	-457.92	44.30	-1.26	-0.40	11.31	-90.48
69	9	486.13	-43.66	-18.28	-0.11	52.27	-110.36
	24	-458.71	43.66	18.28	0.11	31.28	-89.19
70	9	485.34	-43.66	1.26	-0.12	-17.08	-110.35
	24	-457.92	43.66	-1.26	0.12	11.32	-89.18
71	9	486.13	-44.31	-18.28	0.40	52.26	-112.00
	24	-458.71	44.31	18.28	-0.40	31.28	-90.49
72	9	485.57	43.66	1.29	0.12	-17.19	110.35

		24	-458.15	-43.66	-1.29	-0.12	11.29	89.19
73		9	486.36	44.30	-18.25	-0.40	52.16	111.99
		24	-458.94	-44.30	18.25	0.40	31.25	90.48
74		9	485.57	44.31	1.29	-0.40	-17.19	112.00
		24	-458.15	-44.31	-1.29	0.40	11.29	90.49
75		9	486.36	43.66	-18.25	0.12	52.15	110.34
		24	-458.94	-43.66	18.25	-0.12	31.25	89.18
10	1	10	180.29	0.00	6.84	0.00	-10.85	0.00
		25	-156.30	0.00	-6.84	0.00	-20.42	0.00
	2	10	48.27	0.00	3.29	0.00	-6.41	0.00
		25	-48.27	0.00	-3.29	0.00	-8.62	0.00
	3	10	11.43	0.00	0.76	0.00	-1.37	0.00
		25	-11.43	0.00	-0.76	0.00	-2.10	0.00
	4	10	24.89	0.00	1.14	0.00	-1.91	0.00
		25	-24.89	0.00	-1.14	0.00	-3.32	0.00
	5	10	-1.26	0.00	0.86	0.00	-2.35	0.00
		25	1.26	0.00	-0.86	0.00	-1.56	0.00
	6	10	3.53	0.00	-1.00	0.00	2.72	0.00
		25	-3.53	0.00	1.00	0.00	1.83	0.00
	7	10	0.03	-9.94	-0.01	-0.01	0.04	-24.53
		25	-0.03	9.94	0.01	0.01	0.02	-20.88
	8	10	-0.02	9.94	-0.01	0.01	0.03	24.53
		25	0.02	-9.94	0.01	-0.01	0.02	20.88
	9	10	331.79	0.00	15.94	0.00	-28.04	0.00
		25	-300.60	0.00	-15.94	0.00	-44.81	0.00
	10	10	336.10	0.00	14.28	0.00	-23.48	0.00
		25	-304.91	0.00	-14.28	0.00	-41.76	0.00
	11	10	332.96	-8.94	15.16	-0.01	-25.90	-22.07
		25	-301.77	8.94	-15.16	0.01	-43.38	-18.79
	12	10	332.91	8.94	15.16	0.01	-25.91	22.08
		25	-301.72	-8.94	-15.16	-0.01	-43.39	18.80
	13	10	333.32	0.00	15.66	0.00	-27.43	0.00
		25	-302.13	0.00	-15.66	0.00	-44.15	0.00
	14	10	337.63	0.00	14.00	0.00	-22.87	0.00
		25	-306.44	0.00	-14.00	0.00	-41.10	0.00
	15	10	334.48	-8.94	14.88	-0.01	-25.28	-22.07
		25	-303.29	8.94	-14.88	0.01	-42.72	-18.79
	16	10	334.43	8.94	14.88	0.01	-25.29	22.08
		25	-303.24	-8.94	-14.88	-0.01	-42.73	18.80
	17	10	313.89	0.00	15.32	0.00	-27.40	0.00
		25	-282.70	0.00	-15.32	0.00	-42.60	0.00
	18	10	321.08	0.00	12.54	0.00	-19.80	0.00
		25	-289.89	0.00	-12.54	0.00	-37.51	0.00
	19	10	315.84	-14.90	14.01	-0.02	-23.83	-36.79
		25	-284.65	14.90	-14.01	0.02	-40.22	-31.32
	20	10	315.76	14.91	14.02	0.02	-23.84	36.80
		25	-284.56	-14.91	-14.02	-0.02	-40.23	31.33
	21	10	251.67	0.00	11.98	0.00	-21.00	0.00
		25	-227.68	0.00	-11.98	0.00	-33.75	0.00

22	10	254.54	0.00	10.87	0.00	-17.96	0.00
	25	-230.55	0.00	-10.87	0.00	-31.71	0.00
23	10	252.45	-5.96	11.46	-0.01	-19.57	-14.72
	25	-228.45	5.96	-11.46	0.01	-32.79	-12.53
24	10	252.41	5.96	11.46	0.01	-19.57	14.72
	25	-228.42	-5.96	-11.46	-0.01	-32.80	12.53
25	10	252.69	0.00	11.79	0.00	-20.59	0.00
	25	-228.69	0.00	-11.79	0.00	-33.31	0.00
26	10	255.56	0.00	10.68	0.00	-17.55	0.00
	25	-231.57	0.00	-10.68	0.00	-31.27	0.00
27	10	253.46	-5.96	11.27	-0.01	-19.16	-14.72
	25	-229.47	5.96	-11.27	0.01	-32.36	-12.53
28	10	253.43	5.96	11.27	0.01	-19.16	14.72
	25	-229.44	-5.96	-11.27	-0.01	-32.36	12.53
29	10	239.74	0.00	11.56	0.00	-20.57	0.00
	25	-215.75	0.00	-11.56	0.00	-32.27	0.00
30	10	244.53	0.00	9.71	0.00	-15.50	0.00
	25	-220.53	0.00	-9.71	0.00	-28.88	0.00
31	10	241.03	-9.94	10.69	-0.01	-18.19	-24.53
	25	-217.04	9.94	-10.69	0.01	-30.69	-20.88
32	10	240.98	9.94	10.70	0.01	-18.20	24.53
	25	-216.99	-9.94	-10.70	-0.01	-30.69	20.88
33	10	228.56	0.00	10.13	0.00	-17.27	0.00
	25	-204.57	0.00	-10.13	0.00	-29.05	0.00
34	10	233.54	0.00	10.36	0.00	-17.65	0.00
	25	-209.54	0.00	-10.36	0.00	-29.71	0.00
35	10	228.31	0.00	10.31	0.00	-17.74	0.00
	25	-204.31	0.00	-10.31	0.00	-29.36	0.00
36	10	229.26	0.00	9.94	0.00	-16.72	0.00
	25	-205.27	0.00	-9.94	0.00	-28.68	0.00
37	10	228.56	-1.99	10.13	0.00	-17.26	-4.91
	25	-204.57	1.99	-10.13	0.00	-29.04	-4.18
38	10	228.55	1.99	10.13	0.00	-17.26	4.91
	25	-204.56	-1.99	-10.13	0.00	-29.05	4.18
39	10	228.56	0.00	10.13	0.00	-17.27	0.00
	25	-204.57	0.00	-10.13	0.00	-29.05	0.00
40	10	15.00	3.20	16.11	0.60	-44.31	7.86
	25	-15.00	-3.20	-16.11	-0.60	-29.30	6.78
41	10	15.02	-3.21	16.10	-0.58	-44.30	-7.87
	25	-15.02	3.21	-16.10	0.58	-29.29	-6.79
42	10	0.33	-123.20	-0.02	-0.76	0.06	-303.72
	25	-0.33	123.20	0.02	0.76	0.04	-259.30
43	10	0.27	-98.56	-0.02	-0.19	0.05	-243.00
	25	-0.27	98.56	0.02	0.19	0.03	-207.43
44	10	243.66	-33.76	26.24	0.38	-61.56	-83.26
	25	-219.67	33.76	-26.24	-0.38	-58.33	-71.01
45	10	243.46	40.16	26.25	0.83	-61.60	98.98
	25	-219.47	-40.16	-26.25	-0.83	-58.36	84.57
46	10	243.64	-26.37	26.24	0.55	-61.57	-65.04
	25	-219.65	26.37	-26.24	-0.55	-58.34	-55.45

47	10	243.48	32.77	26.25	0.66	-61.60	80.76
	25	-219.49	-32.77	-26.25	-0.66	-58.36	69.01
48	10	213.66	-40.16	-5.98	-0.83	27.06	-98.98
	25	-189.66	40.16	5.98	0.83	0.26	-84.57
49	10	213.46	33.76	-5.97	-0.38	27.03	83.26
	25	-189.46	-33.76	5.97	0.38	0.24	71.01
50	10	213.64	-32.77	-5.98	-0.66	27.06	-80.76
	25	-189.64	32.77	5.98	0.66	0.26	-69.01
51	10	213.48	26.37	-5.97	-0.55	27.03	65.04
	25	-189.48	-26.37	5.97	0.55	0.24	55.45
52	10	243.68	-40.17	26.23	-0.81	-61.55	-98.99
	25	-219.68	40.17	-26.23	0.81	-58.33	-84.57
53	10	243.48	33.75	26.25	-0.36	-61.59	83.25
	25	-219.49	-33.75	-26.25	0.36	-58.35	71.00
54	10	243.66	-32.78	26.23	-0.64	-61.56	-80.77
	25	-219.66	32.78	-26.23	0.64	-58.33	-69.01
55	10	243.50	26.36	26.24	-0.53	-61.59	65.03
	25	-219.51	-26.36	-26.24	0.53	-58.35	55.45
56	10	213.64	-33.75	-5.98	0.35	27.05	-83.24
	25	-189.65	33.75	5.98	-0.35	0.26	-71.00
57	10	213.44	40.17	-5.96	0.81	27.02	98.99
	25	-189.45	-40.17	5.96	-0.81	0.23	84.57
58	10	213.62	-26.36	-5.97	0.52	27.05	-65.03
	25	-189.63	26.36	5.97	-0.52	0.25	-55.44
59	10	213.46	32.78	-5.96	0.64	27.02	80.77
	25	-189.47	-32.78	5.96	-0.64	0.23	69.02
60	10	233.39	-122.24	14.94	-0.58	-30.50	-301.37
	25	-209.40	122.24	-14.94	0.58	-37.79	-257.26
61	10	224.39	-124.16	5.28	-0.94	-3.91	-306.08
	25	-200.40	124.16	-5.28	0.94	-20.22	-261.33
62	10	233.39	-124.16	14.94	-0.93	-30.50	-306.08
	25	-209.40	124.16	-14.94	0.93	-37.79	-261.33
63	10	224.38	-122.24	5.28	-0.58	-3.91	-301.36
	25	-200.39	122.24	-5.28	0.58	-20.22	-257.26
64	10	232.73	124.16	14.99	0.94	-30.63	306.08
	25	-208.74	-124.16	-14.99	-0.94	-37.88	261.33
65	10	223.73	122.24	5.33	0.58	-4.04	301.37
	25	-199.73	-122.24	-5.33	-0.58	-20.30	257.26
66	10	232.73	122.24	14.99	0.58	-30.62	301.36
	25	-208.74	-122.24	-14.99	-0.58	-37.88	257.26
67	10	223.72	124.16	5.33	0.93	-4.04	306.09
	25	-199.73	-124.16	-5.33	-0.93	-20.30	261.33
68	10	233.32	-97.60	14.95	-0.01	-30.52	-240.64
	25	-209.33	97.60	-14.95	0.01	-37.81	-205.40
69	10	224.32	-99.52	5.29	-0.37	-3.93	-245.36
	25	-200.33	99.52	-5.29	0.37	-20.23	-209.47
70	10	233.33	-99.52	14.95	-0.37	-30.51	-245.36
	25	-209.34	99.52	-14.95	0.37	-37.80	-209.47
71	10	224.32	-97.60	5.29	-0.02	-3.93	-240.64
	25	-200.33	97.60	-5.29	0.02	-20.23	-205.40

	72	10	232.79	99.52	14.98	0.37	-30.61	245.36
		25	-208.80	-99.52	-14.98	-0.37	-37.87	209.47
	73	10	223.79	97.60	5.32	0.01	-4.02	240.64
		25	-199.80	-97.60	-5.32	-0.01	-20.29	205.40
	74	10	232.80	97.60	14.98	0.02	-30.60	240.64
		25	-208.81	-97.60	-14.98	-0.02	-37.87	205.40
	75	10	223.79	99.53	5.32	0.37	-4.02	245.36
		25	-199.79	-99.53	-5.32	-0.37	-20.29	209.47
11	1	11	133.38	-4.90	-5.32	0.39	6.92	7.03
		26	-109.39	4.90	5.32	-0.39	17.41	-29.40
	2	11	36.36	-2.84	-2.90	0.17	5.07	-0.91
		26	-36.36	2.84	2.90	-0.17	8.18	-12.08
	3	11	7.95	-0.78	-0.57	0.03	0.87	-0.38
		26	-7.95	0.78	0.57	-0.03	1.72	-3.20
	4	11	17.13	-1.27	-0.95	0.05	1.33	-0.16
		26	-17.13	1.27	0.95	-0.05	3.01	-5.65
	5	11	-2.18	-0.52	1.19	-0.06	-2.75	-1.51
		26	2.18	0.52	-1.19	0.06	-2.68	-0.85
	6	11	2.01	0.38	-1.10	0.05	2.56	1.13
		26	-2.01	-0.38	1.10	-0.05	2.49	0.62
	7	11	6.29	-7.41	0.44	-0.11	-1.19	-19.35
		26	-6.29	7.41	-0.44	0.11	-0.83	-14.50
	8	11	-6.30	7.50	-0.45	0.11	1.22	19.59
		26	6.30	-7.50	0.45	-0.11	0.85	14.69
	9	11	243.48	-12.65	-11.19	0.75	15.43	5.90
		26	-212.29	12.65	11.19	-0.75	35.70	-63.72
	10	11	247.24	-11.84	-13.25	0.85	20.21	8.28
		26	-216.05	11.84	13.25	-0.85	40.35	-62.40
	11	11	251.10	-18.85	-11.86	0.71	16.84	-10.15
		26	-219.91	18.85	11.86	-0.71	37.36	-76.01
	12	11	239.77	-5.44	-12.67	0.90	19.01	24.89
		26	-208.58	5.44	12.67	-0.90	38.88	-49.73
	13	11	244.39	-12.43	-11.05	0.75	15.12	6.36
		26	-213.20	12.43	11.05	-0.75	35.37	-63.16
	14	11	248.16	-11.62	-13.11	0.85	19.90	8.74
		26	-216.97	11.62	13.11	-0.85	40.02	-61.84
	15	11	252.01	-18.63	-11.72	0.71	16.52	-9.70
		26	-220.82	18.63	11.72	-0.71	37.03	-75.44
	16	11	240.68	-5.21	-12.53	0.90	18.70	25.35
		26	-209.49	5.21	12.53	-0.90	38.55	-49.17
	17	11	230.24	-11.79	-9.62	0.67	12.47	5.57
		26	-199.05	11.79	9.62	-0.67	31.51	-59.43
	18	11	236.52	-10.44	-13.06	0.83	20.44	9.53
		26	-205.33	10.44	13.06	-0.83	39.26	-57.23
	19	11	242.95	-22.12	-10.74	0.61	14.81	-21.19
		26	-211.76	22.12	10.74	-0.61	34.27	-79.91
	20	11	224.06	0.24	-12.09	0.92	18.43	37.22
		26	-192.87	-0.24	12.09	-0.92	36.81	-36.12
	21	11	184.95	-9.47	-8.56	0.58	11.89	4.75

	26	-160.96	9.47	8.56	-0.58	27.21	-48.01
22	11	187.46	-8.93	-9.93	0.64	15.07	6.34
	26	-163.47	8.93	9.93	-0.64	30.31	-47.13
23	11	190.03	-13.60	-9.00	0.55	12.82	-5.95
	26	-166.04	13.60	9.00	-0.55	28.32	-56.20
24	11	182.48	-4.66	-9.54	0.68	14.27	17.41
	26	-158.49	4.66	9.54	-0.68	29.33	-38.69
25	11	185.56	-9.32	-8.46	0.57	11.68	5.05
	26	-161.57	9.32	8.46	-0.57	27.00	-47.64
26	11	188.07	-8.78	-9.84	0.64	14.87	6.64
	26	-164.08	8.78	9.84	-0.64	30.09	-46.76
27	11	190.64	-13.45	-8.91	0.55	12.62	-5.65
	26	-166.65	13.45	8.91	-0.55	28.10	-55.83
28	11	183.09	-4.51	-9.45	0.67	14.06	17.72
	26	-159.09	4.51	9.45	-0.67	29.11	-38.31
29	11	176.13	-8.89	-7.51	0.52	9.92	4.53
	26	-152.13	8.89	7.51	-0.52	24.42	-45.15
30	11	180.31	-7.99	-9.80	0.63	15.22	7.17
	26	-156.32	7.99	9.80	-0.63	29.58	-43.68
31	11	184.60	-15.78	-8.26	0.48	11.47	-13.31
	26	-160.60	15.78	8.26	-0.48	26.26	-58.80
32	11	172.01	-0.87	-9.15	0.69	13.89	25.63
	26	-148.01	0.87	9.15	-0.69	27.95	-29.61
33	11	169.74	-7.74	-8.22	0.56	12.00	6.12
	26	-145.75	7.74	8.22	-0.56	25.59	-41.48
34	11	173.16	-7.99	-8.41	0.57	12.26	6.08
	26	-149.17	7.99	8.41	-0.57	26.19	-42.61
35	11	169.30	-7.84	-7.99	0.55	11.45	5.81
	26	-145.31	7.84	7.99	-0.55	25.05	-41.65
36	11	170.14	-7.66	-8.45	0.57	12.51	6.34
	26	-146.15	7.66	8.45	-0.57	26.09	-41.36
37	11	171.00	-9.22	-8.14	0.54	11.76	2.25
	26	-147.00	9.22	8.14	-0.54	25.42	-44.38
38	11	168.48	-6.24	-8.32	0.58	12.24	10.04
	26	-144.49	6.24	8.32	-0.58	25.76	-38.54
39	11	169.74	-7.74	-8.22	0.56	12.00	6.12
	26	-145.75	7.74	8.22	-0.56	25.59	-41.48
40	11	-31.14	-7.57	25.15	0.04	-58.41	-22.02
	26	31.14	7.57	-25.15	-0.04	-56.54	-12.56
41	11	-34.36	-2.58	21.58	-1.13	-50.01	-9.00
	26	34.36	2.58	-21.58	1.13	-48.60	-2.80
42	11	32.18	-73.74	2.14	-0.50	-6.52	-192.48
	26	-32.18	73.74	-2.14	0.50	-3.27	-144.49
43	11	36.40	-92.40	4.06	-0.14	-11.32	-241.13
	26	-36.40	92.40	-4.06	0.14	-7.22	-181.13
44	11	148.25	-37.43	17.57	0.45	-48.37	-73.65
	26	-124.26	37.43	-17.57	-0.45	-31.94	-97.39
45	11	128.94	6.82	16.29	0.75	-44.45	41.84
	26	-104.95	-6.82	-16.29	-0.75	-29.97	-10.69
46	11	149.52	-43.03	18.15	0.56	-49.81	-88.25

	26	-125.53	43.03	-18.15	-0.56	-33.12	-108.38
47	11	127.68	12.41	15.71	0.64	-43.01	56.43
	26	-103.68	-12.41	-15.71	-0.64	-28.79	0.30
48	11	210.53	-22.29	-32.73	0.36	68.45	-29.60
	26	-186.54	22.29	32.73	-0.36	81.15	-72.27
49	11	191.22	21.95	-34.02	0.67	72.36	85.89
	26	-167.23	-21.95	34.02	-0.67	83.11	14.43
50	11	211.80	-27.89	-32.16	0.47	67.01	-44.20
	26	-187.81	27.89	32.16	-0.47	79.97	-83.26
51	11	189.96	27.55	-34.59	0.56	73.80	100.48
	26	-165.97	-27.55	34.59	-0.56	84.30	25.42
52	11	145.03	-32.44	14.00	-0.72	-39.97	-60.63
	26	-121.04	32.44	-14.00	0.72	-23.99	-87.63
53	11	125.72	11.80	12.71	-0.42	-36.06	54.86
	26	-101.73	-11.80	-12.71	0.42	-22.03	-0.94
54	11	146.30	-38.04	14.57	-0.61	-41.41	-75.22
	26	-122.31	38.04	-14.57	0.61	-25.18	-98.62
55	11	124.46	17.40	12.14	-0.53	-34.62	69.46
	26	-100.47	-17.40	-12.14	0.53	-20.85	10.06
56	11	213.75	-27.28	-29.16	1.53	60.05	-42.63
	26	-189.76	27.28	29.16	-1.53	73.21	-82.03
57	11	194.44	16.96	-30.45	1.83	63.97	72.86
	26	-170.45	-16.96	30.45	-1.83	75.17	4.67
58	11	215.02	-32.88	-28.59	1.64	58.61	-57.22
	26	-191.03	32.88	28.59	-1.64	72.02	-93.02
59	11	193.18	22.56	-31.02	1.73	65.41	87.46
	26	-169.18	-22.56	31.02	-1.73	76.35	15.66
60	11	192.58	-83.75	1.46	0.07	-12.04	-192.98
	26	-168.59	83.75	-1.46	-0.07	5.35	-189.74
61	11	211.26	-79.21	-13.63	0.04	23.00	-179.76
	26	-187.27	79.21	13.63	-0.04	39.28	-182.21
62	11	191.61	-82.25	0.39	-0.28	-9.53	-189.07
	26	-167.62	82.25	-0.39	0.28	7.74	-186.82
63	11	212.23	-80.70	-12.56	0.39	20.48	-183.67
	26	-188.24	80.70	12.56	-0.39	36.90	-185.14
64	11	128.21	63.73	-2.82	1.07	0.99	191.99
	26	-104.22	-63.73	2.82	-1.07	11.90	99.24
65	11	146.90	68.27	-17.91	1.05	36.04	205.21
	26	-122.91	-68.27	17.91	-1.05	45.82	106.78
66	11	127.25	65.22	-3.89	0.72	3.51	195.90
	26	-103.26	-65.22	3.89	-0.72	14.28	102.17
67	11	147.86	66.77	-16.84	1.40	33.52	201.30
	26	-123.87	-66.77	16.84	-1.40	43.44	103.85
68	11	196.80	-102.41	3.38	0.43	-16.85	-241.62
	26	-172.81	102.41	-3.38	-0.43	1.41	-226.38
69	11	215.48	-97.87	-11.71	0.40	18.20	-228.41
	26	-191.49	97.87	11.71	-0.40	35.33	-218.85
70	11	195.83	-100.91	2.31	0.08	-14.33	-237.71
	26	-171.84	100.91	-2.31	-0.08	3.79	-223.45
71	11	216.45	-99.36	-10.64	0.75	15.68	-232.31

		26	-192.46	99.36	10.64	-0.75	32.95	-221.77
	72	11	123.99	82.39	-4.74	0.71	5.80	240.64
		26	-100.00	-82.39	4.74	-0.71	15.84	135.88
	73	11	142.68	86.93	-19.83	0.69	40.84	253.85
		26	-118.68	-86.93	19.83	-0.69	49.77	143.42
	74	11	123.03	83.89	-5.81	0.36	8.31	244.55
		26	-99.03	-83.89	5.81	-0.36	18.23	138.81
	75	11	143.64	85.44	-18.75	1.04	38.32	249.95
		26	-119.65	-85.44	18.75	-1.04	47.39	140.49
12	1	12	188.70	-3.55	2.55	-0.58	-2.84	-3.65
		27	-164.71	3.55	-2.55	0.58	-8.80	-12.57
	2	12	57.52	-2.06	-1.83	-0.20	5.32	-2.75
		27	-57.52	2.06	1.83	0.20	3.05	-6.66
	3	12	13.50	-0.34	-0.17	-0.06	0.59	-0.51
		27	-13.50	0.34	0.17	0.06	0.18	-1.03
	4	12	27.31	-0.43	0.09	-0.10	0.19	-0.51
		27	-27.31	0.43	-0.09	0.10	-0.62	-1.46
	5	12	-0.48	-0.02	4.56	0.04	-11.57	-0.07
		27	0.48	0.02	-4.56	-0.04	-9.25	-0.04
	6	12	0.24	0.04	-4.43	-0.04	11.25	0.10
		27	-0.24	-0.04	4.43	0.04	9.01	0.06
	7	12	0.54	-2.27	1.42	-0.22	-3.22	-6.18
		27	-0.54	2.27	-1.42	0.22	-3.25	-4.21
	8	12	0.26	2.35	-1.47	0.23	3.34	6.39
		27	-0.26	-2.35	1.47	-0.23	3.36	4.36
	9	12	360.38	-8.14	4.85	-1.13	-6.17	-9.53
		27	-329.19	8.14	-4.85	1.13	-16.00	-27.67
	10	12	361.03	-8.08	-3.24	-1.20	14.38	-9.37
		27	-329.84	8.08	3.24	1.20	0.43	-27.57
	11	12	361.30	-10.16	2.02	-1.37	1.35	-15.02
		27	-330.11	10.16	-2.02	1.37	-10.60	-31.42
	12	12	361.05	-6.00	-0.57	-0.97	7.26	-3.72
		27	-329.86	6.00	0.57	0.97	-4.65	-23.71
	13	12	360.62	-7.96	5.17	-1.12	-6.90	-9.15
		27	-329.43	7.96	-5.17	1.12	-16.73	-27.22
	14	12	361.27	-7.90	-2.92	-1.19	13.64	-8.99
		27	-330.08	7.90	2.92	1.19	-0.29	-27.13
	15	12	361.54	-9.98	2.34	-1.36	0.61	-14.64
		27	-330.35	9.98	-2.34	1.36	-11.32	-30.98
	16	12	361.29	-5.82	-0.25	-0.95	6.52	-3.33
		27	-330.10	5.82	0.25	0.95	-5.38	-23.26
	17	12	339.85	-7.65	7.83	-1.02	-13.99	-8.81
		27	-308.66	7.65	-7.83	1.02	-21.81	-26.15
	18	12	340.94	-7.56	-5.65	-1.14	20.25	-8.55
		27	-309.75	7.56	5.65	1.14	5.58	-26.00
	19	12	341.39	-11.02	3.12	-1.42	-1.46	-17.97
		27	-310.20	11.02	-3.12	1.42	-12.81	-32.41
	20	12	340.96	-4.09	-1.20	-0.75	8.38	0.88
		27	-309.77	4.09	1.20	0.75	-2.90	-19.55

21	12	273.09	-6.17	3.33	-0.86	-3.78	-7.21
	27	-249.09	6.17	-3.33	0.86	-11.43	-21.01
22	12	273.52	-6.14	-2.07	-0.91	9.92	-7.10
	27	-249.53	6.14	2.07	0.91	-0.48	-20.95
23	12	273.70	-7.52	1.44	-1.02	1.23	-10.87
	27	-249.71	7.52	-1.44	1.02	-7.83	-23.51
24	12	273.53	-4.75	-0.28	-0.75	5.17	-3.33
	27	-249.54	4.75	0.28	0.75	-3.87	-18.37
25	12	273.24	-6.05	3.54	-0.85	-4.27	-6.95
	27	-249.25	6.05	-3.54	0.85	-11.92	-20.71
26	12	273.68	-6.02	-1.85	-0.90	9.42	-6.85
	27	-249.68	6.02	1.85	0.90	-0.96	-20.65
27	12	273.86	-7.40	1.66	-1.01	0.74	-10.61
	27	-249.87	7.40	-1.66	1.01	-8.32	-23.22
28	12	273.69	-4.63	-0.07	-0.74	4.68	-3.08
	27	-249.70	4.63	0.07	0.74	-4.35	-18.07
29	12	259.40	-5.85	5.32	-0.78	-8.99	-6.73
	27	-235.41	5.85	-5.32	0.78	-15.31	-20.00
30	12	260.12	-5.79	-3.67	-0.86	13.83	-6.55
	27	-236.13	5.79	3.67	0.86	2.95	-19.90
31	12	260.42	-8.10	2.18	-1.05	-0.64	-12.83
	27	-236.43	8.10	-2.18	1.05	-9.31	-24.17
32	12	260.14	-3.47	-0.70	-0.60	5.92	-0.27
	27	-236.15	3.47	0.70	0.60	-2.70	-15.60
33	12	246.22	-5.61	0.71	-0.78	2.49	-6.40
	27	-222.23	5.61	-0.71	0.78	-5.75	-19.23
34	12	251.68	-5.69	0.73	-0.80	2.52	-6.50
	27	-227.69	5.69	-0.73	0.80	-5.87	-19.52
35	12	246.13	-5.61	1.63	-0.77	0.17	-6.42
	27	-222.13	5.61	-1.63	0.77	-7.60	-19.24
36	12	246.27	-5.60	-0.17	-0.79	4.74	-6.38
	27	-222.28	5.60	0.17	0.79	-3.95	-19.22
37	12	246.33	-6.06	1.00	-0.82	1.84	-7.64
	27	-222.34	6.06	-1.00	0.82	-6.40	-20.07
38	12	246.27	-5.14	0.42	-0.73	3.15	-5.12
	27	-222.28	5.14	-0.42	0.73	-5.08	-18.36
39	12	246.22	-5.61	0.71	-0.78	2.49	-6.40
	27	-222.23	5.61	-0.71	0.78	-5.75	-19.23
40	12	-5.03	-0.31	104.35	1.37	-264.02	-0.96
	27	5.03	0.31	-104.35	-1.37	-212.85	-0.43
41	12	-1.48	-1.40	90.28	0.56	-229.03	-3.75
	27	1.48	1.40	-90.28	-0.56	-183.57	-2.65
42	12	32.56	-18.18	7.03	-0.63	-16.55	-49.15
	27	-32.56	18.18	-7.03	0.63	-15.58	-33.94
43	12	38.92	-21.62	14.91	0.16	-36.39	-58.27
	27	-38.92	21.62	-14.91	-0.16	-31.74	-40.54
44	12	250.96	-11.37	107.17	0.40	-266.50	-22.11
	27	-226.96	11.37	-107.17	-0.40	-223.28	-29.85
45	12	231.42	-0.46	102.95	0.78	-256.57	7.38
	27	-207.43	0.46	-102.95	-0.78	-213.93	-9.48

46	12	252.86	-12.40	109.53	0.64	-272.45	-24.85
	27	-228.87	12.40	-109.53	-0.64	-228.12	-31.83
47	12	229.51	0.57	100.59	0.55	-250.62	10.12
	27	-205.52	-0.57	-100.59	-0.55	-209.08	-7.50
48	12	261.02	-10.76	-101.52	-2.34	261.54	-20.18
	27	-237.03	10.76	101.52	2.34	202.43	-28.98
49	12	241.49	0.15	-105.74	-1.96	271.47	9.31
	27	-217.50	-0.15	105.74	1.96	211.78	-8.61
50	12	262.93	-11.79	-99.16	-2.10	255.59	-22.92
	27	-238.94	11.79	99.16	2.10	197.58	-30.96
51	12	239.58	1.18	-108.11	-2.20	277.42	12.04
	27	-215.59	-1.18	108.11	2.20	216.62	-6.63
52	12	254.50	-12.46	93.11	-0.40	-231.51	-24.90
	27	-230.51	12.46	-93.11	0.40	-194.00	-32.06
53	12	234.97	-1.55	88.89	-0.03	-221.58	4.59
	27	-210.98	1.55	-88.89	0.03	-184.65	-11.69
54	12	256.41	-13.50	95.47	-0.17	-237.46	-27.64
	27	-232.42	13.50	-95.47	0.17	-198.85	-34.04
55	12	233.06	-0.52	86.53	-0.26	-215.62	7.33
	27	-209.07	0.52	-86.53	0.26	-179.80	-9.71
56	12	257.47	-9.66	-87.46	-1.53	226.55	-17.39
	27	-233.48	9.66	87.46	1.53	173.15	-26.76
57	12	237.94	1.25	-91.68	-1.15	236.48	12.10
	27	-213.95	-1.25	91.68	1.15	182.50	-6.40
58	12	259.38	-10.69	-85.10	-1.29	220.60	-20.13
	27	-235.39	10.69	85.10	1.29	168.30	-28.75
59	12	236.03	2.28	-94.04	-1.39	242.43	14.83
	27	-212.04	-2.28	94.04	1.39	187.35	-4.42
60	12	277.27	-23.88	39.05	-1.00	-93.27	-55.84
	27	-253.28	23.88	-39.05	1.00	-85.19	-53.30
61	12	280.29	-23.70	-23.56	-1.82	65.14	-55.26
	27	-256.30	23.70	23.56	1.82	42.52	-53.04
62	12	278.33	-24.21	34.83	-1.24	-82.77	-56.68
	27	-254.34	24.21	-34.83	1.24	-76.41	-53.96
63	12	279.23	-23.37	-19.34	-1.58	54.65	-54.43
	27	-255.23	23.37	19.34	1.58	33.74	-52.37
64	12	212.15	12.48	24.99	0.26	-60.17	42.46
	27	-188.16	-12.48	-24.99	-0.26	-54.02	14.58
65	12	215.17	12.66	-37.62	-0.56	98.24	43.04
	27	-191.18	-12.66	37.62	0.56	73.69	14.84
66	12	213.22	12.15	20.77	0.02	-49.68	41.62
	27	-189.23	-12.15	-20.77	-0.02	-45.24	13.91
67	12	214.11	12.99	-33.40	-0.32	87.74	43.87
	27	-190.12	-12.99	33.40	0.32	64.91	15.50
68	12	283.63	-27.32	46.93	-0.21	-113.11	-64.96
	27	-259.64	27.32	-46.93	0.21	-101.35	-59.90
69	12	286.65	-27.14	-15.68	-1.03	45.30	-64.38
	27	-262.66	27.14	15.68	1.03	26.36	-59.64
70	12	284.69	-27.65	42.71	-0.45	-102.61	-65.80
	27	-260.70	27.65	-42.71	0.45	-92.56	-60.56

	71	12	285.58	-26.81	-11.46	-0.79	34.80	-63.54
		27	-261.59	26.81	11.46	0.79	17.58	-58.98
	72	12	205.80	15.92	17.11	-0.53	-40.33	51.58
		27	-181.80	-15.92	-17.11	0.53	-37.86	21.18
	73	12	208.82	16.10	-45.50	-1.35	118.08	52.16
		27	-184.82	-16.10	45.50	1.35	89.85	21.44
	74	12	206.86	15.59	12.89	-0.77	-29.83	50.74
		27	-182.87	-15.59	-12.89	0.77	-29.08	20.52
	75	12	207.75	16.43	-41.28	-1.11	107.58	52.99
		27	-183.76	-16.43	41.28	1.11	81.06	22.11
13	1	13	167.10	-3.27	0.00	0.00	0.00	-2.82
		28	-143.11	3.27	0.00	0.00	0.00	-12.10
	2	13	53.25	-2.02	0.00	0.00	0.01	-2.55
		28	-53.25	2.02	0.00	0.00	0.01	-6.69
	3	13	12.27	-0.30	0.00	0.00	0.00	-0.42
		28	-12.27	0.30	0.00	0.00	0.00	-0.95
	4	13	24.41	-0.35	0.00	0.00	0.00	-0.30
		28	-24.41	0.35	0.00	0.00	0.00	-1.29
	5	13	-0.01	0.00	4.73	0.01	-11.81	0.01
		28	0.01	0.00	-4.73	-0.01	-9.83	0.01
	6	13	-0.02	0.00	-4.73	-0.01	11.81	0.01
		28	0.02	0.00	4.73	0.01	9.83	0.00
	7	13	2.26	-3.32	0.01	0.00	-0.01	-8.93
		28	-2.26	3.32	-0.01	0.00	-0.01	-6.24
	8	13	-1.53	3.41	-0.01	0.00	0.01	9.16
		28	1.53	-3.41	0.01	0.00	0.01	6.41
	9	13	323.15	-7.58	4.25	0.01	-10.61	-7.83
		28	-291.96	7.58	-4.25	-0.01	-8.83	-26.82
	10	13	323.14	-7.58	-4.27	-0.01	10.64	-7.83
		28	-291.95	7.58	4.27	0.01	8.86	-26.82
	11	13	325.19	-10.57	0.00	0.00	0.00	-15.87
		28	-294.00	10.57	0.00	0.00	0.00	-32.45
	12	13	321.78	-4.52	-0.01	0.00	0.03	0.41
		28	-290.59	4.52	0.01	0.00	0.02	-21.06
	13	13	323.06	-7.39	4.25	0.01	-10.61	-7.43
		28	-291.87	7.39	-4.25	-0.01	-8.83	-26.36
	14	13	323.04	-7.39	-4.27	-0.01	10.64	-7.43
		28	-291.85	7.39	4.27	0.01	8.86	-26.36
	15	13	325.09	-10.38	0.00	0.00	0.00	-15.47
		28	-293.90	10.38	0.00	0.00	0.00	-31.99
	16	13	321.68	-4.33	-0.01	0.00	0.03	0.81
		28	-290.49	4.33	0.01	0.00	0.02	-20.60
	17	13	304.75	-7.13	7.10	0.02	-17.69	-7.20
		28	-273.56	7.13	-7.10	-0.02	-14.73	-25.39
	18	13	304.72	-7.13	-7.11	-0.02	17.72	-7.20
		28	-273.53	7.13	7.11	0.02	14.76	-25.39
	19	13	308.15	-12.11	0.00	0.00	-0.01	-20.60
		28	-276.95	12.11	0.00	0.00	0.00	-34.76
	20	13	302.46	-2.02	-0.01	0.00	0.04	6.54

	28	-271.27	2.02	0.01	0.00	0.03	-15.78
21	13	244.82	-5.76	2.84	0.01	-7.07	-5.93
	28	-220.82	5.76	-2.84	-0.01	-5.89	-20.39
22	13	244.81	-5.76	-2.85	-0.01	7.10	-5.94
	28	-220.81	5.76	2.85	0.01	5.91	-20.39
23	13	246.17	-7.75	0.00	0.00	0.00	-11.30
	28	-222.18	7.75	0.00	0.00	0.00	-24.14
24	13	243.90	-3.72	-0.01	0.00	0.02	-0.44
	28	-219.91	3.72	0.01	0.00	0.02	-16.55
25	13	244.75	-5.63	2.84	0.01	-7.07	-5.67
	28	-220.76	5.63	-2.84	-0.01	-5.89	-20.08
26	13	244.74	-5.63	-2.85	-0.01	7.10	-5.67
	28	-220.75	5.63	2.85	0.01	5.91	-20.08
27	13	246.11	-7.63	0.00	0.00	0.00	-11.03
	28	-222.12	7.63	0.00	0.00	0.00	-23.83
28	13	243.84	-3.59	-0.01	0.00	0.02	-0.18
	28	-219.84	3.59	0.01	0.00	0.02	-16.24
29	13	232.55	-5.46	4.73	0.01	-11.80	-5.51
	28	-208.55	5.46	-4.73	-0.01	-9.82	-19.43
30	13	232.53	-5.46	-4.74	-0.01	11.82	-5.52
	28	-208.54	5.46	4.74	0.01	9.84	-19.43
31	13	234.81	-8.78	0.00	0.00	0.00	-14.45
	28	-210.82	8.78	0.00	0.00	0.00	-25.68
32	13	231.02	-2.05	-0.01	0.00	0.02	3.64
	28	-207.03	2.05	0.01	0.00	0.02	-13.03
33	13	220.35	-5.29	0.00	0.00	0.01	-5.37
	28	-196.36	5.29	0.00	0.00	0.01	-18.79
34	13	225.23	-5.36	0.00	0.00	0.01	-5.43
	28	-201.24	5.36	0.00	0.00	0.01	-19.05
35	13	220.35	-5.29	0.94	0.00	-2.35	-5.37
	28	-196.36	5.29	-0.94	0.00	-1.96	-18.79
36	13	220.34	-5.29	-0.95	0.00	2.37	-5.37
	28	-196.35	5.29	0.95	0.00	1.97	-18.79
37	13	220.80	-5.95	0.00	0.00	0.01	-7.16
	28	-196.81	5.95	0.00	0.00	0.01	-20.04
38	13	220.04	-4.61	-0.01	0.00	0.01	-3.54
	28	-196.05	4.61	0.01	0.00	0.01	-17.51
39	13	220.35	-5.29	0.00	0.00	0.01	-5.37
	28	-196.36	5.29	0.00	0.00	0.01	-18.79
40	13	0.21	0.02	111.34	0.66	-277.18	0.04
	28	-0.21	-0.02	-111.34	-0.66	-231.63	0.03
41	13	0.17	0.01	97.48	0.45	-243.71	0.03
	28	-0.17	-0.01	-97.48	-0.45	-201.79	0.02
42	13	25.96	-19.53	-3.41	-0.68	8.83	-53.14
	28	-25.96	19.53	3.41	0.68	6.74	-36.12
43	13	25.99	-19.53	3.49	0.68	-9.05	-53.13
	28	-25.99	19.53	-3.49	-0.68	-6.91	-36.11
44	13	228.35	-11.13	110.31	0.46	-274.52	-21.27
	28	-204.36	11.13	-110.31	-0.46	-229.60	-29.60
45	13	212.77	0.59	112.36	0.86	-279.82	10.61

	28	-188.78	-0.59	-112.36	-0.86	-233.65	-7.93
46	13	228.36	-11.13	112.38	0.86	-279.89	-21.27
	28	-204.37	11.13	-112.38	-0.86	-233.70	-29.60
47	13	212.77	0.59	110.29	0.46	-274.46	10.61
	28	-188.77	-0.59	-110.29	-0.46	-229.55	-7.93
48	13	227.93	-11.16	-112.36	-0.86	279.84	-21.36
	28	-203.93	11.16	112.36	0.86	233.67	-29.65
49	13	212.35	0.56	-110.32	-0.46	274.54	10.52
	28	-188.35	-0.56	110.32	0.46	229.62	-7.98
50	13	227.93	-11.16	-110.29	-0.46	274.48	-21.36
	28	-203.94	11.16	110.29	0.46	229.57	-29.65
51	13	212.34	0.55	-112.39	-0.86	279.91	10.52
	28	-188.35	-0.55	112.39	0.86	233.72	-7.99
52	13	228.31	-11.14	96.46	0.25	-241.05	-21.29
	28	-204.32	11.14	-96.46	-0.25	-199.75	-29.61
53	13	212.73	0.58	98.50	0.65	-246.35	10.60
	28	-188.74	-0.58	-98.50	-0.65	-203.80	-7.94
54	13	228.32	-11.14	98.53	0.65	-246.41	-21.28
	28	-204.33	11.14	-98.53	-0.65	-203.85	-29.61
55	13	212.73	0.58	96.43	0.25	-240.98	10.59
	28	-188.73	-0.58	-96.43	-0.25	-199.70	-7.94
56	13	227.97	-11.16	-98.51	-0.65	246.37	-21.34
	28	-203.97	11.16	98.51	0.65	203.82	-29.64
57	13	212.39	0.56	-96.46	-0.25	241.07	10.54
	28	-188.39	-0.56	96.46	0.25	199.77	-7.97
58	13	227.97	-11.16	-96.44	-0.25	241.00	-21.34
	28	-203.98	11.16	96.44	0.25	199.72	-29.64
59	13	212.38	0.56	-98.53	-0.65	246.43	10.54
	28	-188.39	-0.56	98.53	0.65	203.87	-7.98
60	13	246.38	-24.81	29.99	-0.48	-74.31	-58.50
	28	-222.39	24.81	-29.99	0.48	-62.74	-54.90
61	13	246.25	-24.82	-36.81	-0.87	92.00	-58.52
	28	-222.26	24.82	36.81	0.87	76.24	-54.92
62	13	246.37	-24.81	25.83	-0.54	-64.27	-58.50
	28	-222.37	24.81	-25.83	0.54	-53.78	-54.90
63	13	246.26	-24.82	-32.66	-0.81	81.95	-58.52
	28	-222.27	24.82	32.66	0.81	67.29	-54.91
64	13	194.45	14.25	36.81	0.87	-91.98	47.77
	28	-170.46	-14.25	-36.81	-0.87	-76.23	17.33
65	13	194.32	14.24	-30.00	0.48	74.33	47.75
	28	-170.33	-14.24	30.00	-0.48	62.75	17.32
66	13	194.44	14.25	32.65	0.81	-81.93	47.77
	28	-170.44	-14.25	-32.65	-0.81	-67.27	17.33
67	13	194.33	14.24	-25.84	0.54	64.29	47.75
	28	-170.34	-14.24	25.84	-0.54	53.80	17.32
68	13	246.40	-24.81	36.89	0.88	-92.19	-58.49
	28	-222.41	24.81	-36.89	-0.88	-76.39	-54.89
69	13	246.27	-24.82	-29.91	0.48	74.12	-58.52
	28	-222.28	24.82	29.91	-0.48	62.59	-54.91
70	13	246.39	-24.81	32.73	0.81	-82.15	-58.49

		28	-222.40	24.81	-32.73	-0.81	-67.44	-54.90
71		13	246.28	-24.82	-25.76	0.54	64.07	-58.51
		28	-222.29	24.82	25.76	-0.54	53.63	-54.91
72		13	194.43	14.24	29.91	-0.48	-74.10	47.77
		28	-170.43	-14.24	-29.91	0.48	-62.57	17.33
73		13	194.30	14.23	-36.90	-0.88	92.21	47.74
		28	-170.31	-14.23	36.90	0.88	76.41	17.31
74		13	194.41	14.24	25.75	-0.54	-64.05	47.76
		28	-170.42	-14.24	-25.75	0.54	-53.62	17.33
75		13	194.31	14.24	-32.74	-0.81	82.17	47.74
		28	-170.32	-14.24	32.74	0.81	67.46	17.31
14	1	14	188.71	-3.55	-2.55	0.58	2.84	-3.65
		29	-164.71	3.55	2.55	-0.58	8.81	-12.57
	2	14	57.52	-2.06	1.83	0.20	-5.31	-2.75
		29	-57.52	2.06	-1.83	-0.20	-3.04	-6.66
	3	14	13.50	-0.34	0.17	0.06	-0.58	-0.51
		29	-13.50	0.34	-0.17	-0.06	-0.17	-1.03
	4	14	27.31	-0.43	-0.10	0.10	-0.18	-0.51
		29	-27.31	0.43	0.10	-0.10	0.62	-1.46
	5	14	0.25	0.04	4.35	0.04	-11.04	0.10
		29	-0.25	-0.04	-4.35	-0.04	-8.84	0.07
	6	14	-0.48	-0.03	-4.47	-0.04	11.36	-0.07
		29	0.48	0.03	4.47	0.04	9.08	-0.04
	7	14	0.54	-2.27	-1.41	0.22	3.20	-6.17
		29	-0.54	2.27	1.41	-0.22	3.23	-4.21
	8	14	0.26	2.35	1.46	-0.22	-3.32	6.38
		29	-0.26	-2.35	-1.46	0.22	-3.34	4.36
	9	14	361.04	-8.08	3.15	1.20	-14.15	-9.37
		29	-329.85	8.08	-3.15	-1.20	-0.25	-27.57
	10	14	360.38	-8.14	-4.79	1.13	6.00	-9.53
		29	-329.19	8.14	4.79	-1.13	15.87	-27.67
	11	14	361.31	-10.16	-2.03	1.37	-1.34	-15.02
		29	-330.12	10.16	2.03	-1.37	10.61	-31.42
	12	14	361.05	-6.00	0.55	0.96	-7.20	-3.72
		29	-329.86	6.00	-0.55	-0.96	4.69	-23.71
	13	14	361.28	-7.90	2.83	1.19	-13.41	-8.99
		29	-330.09	7.90	-2.83	-1.19	0.47	-27.13
	14	14	360.62	-7.96	-5.11	1.12	6.74	-9.15
		29	-329.43	7.96	5.11	-1.12	16.60	-27.23
	15	14	361.54	-9.98	-2.35	1.35	-0.60	-14.64
		29	-330.35	9.98	2.35	-1.35	11.33	-30.98
	16	14	361.29	-5.82	0.23	0.95	-6.47	-3.34
		29	-330.10	5.82	-0.23	-0.95	5.42	-23.27
	17	14	340.94	-7.56	5.51	1.14	-19.90	-8.55
		29	-309.75	7.56	-5.51	-1.14	-5.30	-26.00
	18	14	339.85	-7.65	-7.72	1.02	13.69	-8.81
		29	-308.66	7.65	7.72	-1.02	21.58	-26.16
	19	14	341.39	-11.02	-3.12	1.41	1.45	-17.96
		29	-310.20	11.02	3.12	-1.41	12.81	-32.41

20	14	340.96	-4.09	1.17	0.74	-8.32	0.87
	29	-309.77	4.09	-1.17	-0.74	2.95	-19.55
21	14	273.52	-6.14	2.01	0.90	-9.76	-7.10
	29	-249.53	6.14	-2.01	-0.90	0.60	-20.95
22	14	273.08	-6.17	-3.29	0.86	3.67	-7.21
	29	-249.09	6.17	3.29	-0.86	11.35	-21.01
23	14	273.70	-7.52	-1.45	1.01	-1.22	-10.87
	29	-249.71	7.52	1.45	-1.01	7.84	-23.51
24	14	273.53	-4.75	0.27	0.75	-5.13	-3.33
	29	-249.54	4.75	-0.27	-0.75	3.90	-18.37
25	14	273.68	-6.02	1.79	0.90	-9.27	-6.85
	29	-249.69	6.02	-1.79	-0.90	1.08	-20.65
26	14	273.24	-6.05	-3.50	0.85	4.17	-6.95
	29	-249.25	6.05	3.50	-0.85	11.83	-20.71
27	14	273.86	-7.40	-1.66	1.01	-0.73	-10.61
	29	-249.87	7.40	1.66	-1.01	8.32	-23.22
28	14	273.69	-4.63	0.06	0.74	-4.64	-3.08
	29	-249.70	4.63	-0.06	-0.74	4.38	-18.07
29	14	260.13	-5.79	3.58	0.86	-13.59	-6.55
	29	-236.13	5.79	-3.58	-0.86	-2.76	-19.89
30	14	259.39	-5.85	-5.24	0.78	8.80	-6.73
	29	-235.40	5.85	5.24	-0.78	15.16	-20.00
31	14	260.42	-8.10	-2.18	1.05	0.64	-12.83
	29	-236.43	8.10	2.18	-1.05	9.31	-24.17
32	14	260.14	-3.47	0.69	0.60	-5.87	-0.27
	29	-236.15	3.47	-0.69	-0.60	2.73	-15.60
33	14	246.22	-5.61	-0.72	0.78	-2.47	-6.40
	29	-222.23	5.61	0.72	-0.78	5.77	-19.23
34	14	251.68	-5.69	-0.74	0.80	-2.50	-6.50
	29	-227.69	5.69	0.74	-0.80	5.89	-19.52
35	14	246.27	-5.60	0.15	0.78	-4.67	-6.38
	29	-222.28	5.60	-0.15	-0.78	4.00	-19.22
36	14	246.13	-5.61	-1.62	0.77	-0.19	-6.42
	29	-222.13	5.61	1.62	-0.77	7.58	-19.24
37	14	246.33	-6.06	-1.00	0.82	-1.83	-7.64
	29	-222.34	6.06	1.00	-0.82	6.41	-20.07
38	14	246.28	-5.14	-0.43	0.73	-3.13	-5.13
	29	-222.28	5.14	0.43	-0.73	5.10	-18.36
39	14	246.22	-5.61	-0.72	0.78	-2.47	-6.40
	29	-222.23	5.61	0.72	-0.78	5.77	-19.23
40	14	5.13	0.33	102.41	1.34	-259.08	1.02
	29	-5.13	-0.33	-102.41	-1.34	-208.92	0.48
41	14	1.57	1.41	88.60	0.54	-224.73	3.78
	29	-1.57	-1.41	-88.60	-0.54	-180.16	2.66
42	14	38.91	-21.62	-14.77	-0.17	36.02	-58.26
	29	-38.91	21.62	14.77	0.17	31.46	-40.53
43	14	32.56	-18.17	-7.03	0.62	16.54	-49.12
	29	-32.56	18.17	7.03	-0.62	15.58	-33.92
44	14	263.02	-11.77	97.25	2.07	-250.74	-22.86
	29	-239.03	11.77	-97.25	-2.07	-193.72	-30.91

45	14	239.67	1.20	106.11	2.17	-272.35	12.09
	29	-215.68	-1.20	-106.11	-2.17	-212.59	-6.59
46	14	261.12	-10.73	99.58	2.30	-256.58	-20.12
	29	-237.12	10.73	-99.58	-2.30	-198.48	-28.93
47	14	241.58	0.17	103.79	1.93	-266.51	9.35
	29	-217.59	-0.17	-103.79	-1.93	-207.83	-8.58
48	14	252.77	-12.42	-107.56	-0.61	267.42	-24.90
	29	-228.78	12.42	107.56	0.61	224.12	-31.87
49	14	229.42	0.55	-98.70	-0.51	245.81	10.06
	29	-205.43	-0.55	98.70	0.51	205.25	-7.55
50	14	250.86	-11.39	-105.24	-0.38	261.58	-22.16
	29	-226.87	11.39	105.24	0.38	219.36	-29.88
51	14	231.33	-0.48	-101.02	-0.75	251.65	7.31
	29	-207.34	0.48	101.02	0.75	210.01	-9.53
52	14	259.47	-10.68	83.45	1.26	-216.39	-20.10
	29	-235.48	10.68	-83.45	-1.26	-164.95	-28.73
53	14	236.12	2.29	92.30	1.36	-238.01	14.85
	29	-212.13	-2.29	-92.30	-1.36	-183.83	-4.41
54	14	257.56	-9.65	85.77	1.50	-222.24	-17.36
	29	-233.57	9.65	-85.77	-1.50	-169.71	-26.74
55	14	238.03	1.25	89.98	1.13	-232.16	12.11
	29	-214.03	-1.25	-89.98	-1.13	-179.06	-6.39
56	14	256.33	-13.50	-93.75	0.19	233.07	-27.66
	29	-232.33	13.50	93.75	-0.19	195.36	-34.05
57	14	232.98	-0.53	-84.89	0.29	211.46	7.30
	29	-208.99	0.53	84.89	-0.29	176.49	-9.73
58	14	254.42	-12.47	-91.43	0.43	227.23	-24.92
	29	-230.43	12.47	91.43	-0.43	190.60	-32.07
59	14	234.89	-1.57	-87.21	0.05	217.31	4.56
	29	-210.89	1.57	87.21	-0.05	181.25	-11.72
60	14	286.67	-27.13	15.23	1.01	-44.17	-64.35
	29	-262.68	27.13	-15.23	-1.01	-25.45	-59.62
61	14	283.60	-27.32	-46.21	0.21	111.28	-64.97
	29	-259.61	27.32	46.21	-0.21	99.90	-59.90
62	14	285.61	-26.80	11.09	0.77	-33.86	-63.53
	29	-261.61	26.80	-11.09	-0.77	-16.82	-58.96
63	14	284.66	-27.65	-42.07	0.45	100.98	-65.79
	29	-260.67	27.65	42.07	-0.45	91.27	-60.56
64	14	208.85	16.11	44.76	1.35	-116.21	52.16
	29	-184.86	-16.11	-44.76	-1.35	-88.36	21.45
65	14	205.77	15.91	-16.68	0.54	39.24	51.55
	29	-181.78	-15.91	16.68	-0.54	36.99	21.16
66	14	207.78	16.43	40.62	1.10	-105.91	52.99
	29	-183.79	-16.43	-40.62	-1.10	-79.74	22.10
67	14	206.84	15.59	-12.54	0.78	28.93	50.72
	29	-182.85	-15.59	12.54	-0.78	28.36	20.50
68	14	280.32	-23.68	22.97	1.80	-63.65	-55.22
	29	-256.32	23.68	-22.97	-1.80	-41.33	-53.00
69	14	277.24	-23.88	-38.47	1.00	91.80	-55.83
	29	-253.25	23.88	38.47	-1.00	84.03	-53.29

	70	14	279.25	-23.36	18.83	1.56	-53.35	-54.39
		29	-255.26	23.36	-18.83	-1.56	-32.70	-52.35
	71	14	278.31	-24.20	-34.33	1.24	81.49	-56.66
		29	-254.32	24.20	34.33	-1.24	75.40	-53.94
	72	14	215.20	12.66	37.03	0.56	-96.73	43.02
		29	-191.21	-12.66	-37.03	-0.56	-72.49	14.83
	73	14	212.13	12.46	-24.42	-0.25	58.72	42.41
		29	-188.14	-12.46	24.42	0.25	52.86	14.54
	74	14	214.14	12.98	32.89	0.32	-86.42	43.85
		29	-190.15	-12.98	-32.89	-0.32	-63.86	15.49
	75	14	213.20	12.14	-20.27	-0.01	48.42	41.59
		29	-189.20	-12.14	20.27	0.01	44.23	13.89
15	1	15	133.38	-4.90	5.32	-0.38	-6.92	7.03
		30	-109.39	4.90	-5.32	0.38	-17.41	-29.41
	2	15	36.36	-2.84	2.90	-0.17	-5.07	-0.91
		30	-36.36	2.84	-2.90	0.17	-8.18	-12.08
	3	15	7.95	-0.78	0.57	-0.03	-0.87	-0.38
		30	-7.95	0.78	-0.57	0.03	-1.72	-3.20
	4	15	17.13	-1.27	0.95	-0.05	-1.33	-0.16
		30	-17.13	1.27	-0.95	0.05	-3.01	-5.65
	5	15	1.99	0.38	1.06	-0.05	-2.46	1.12
		30	-1.99	-0.38	-1.06	0.05	-2.39	0.62
	6	15	-2.16	-0.51	-1.14	0.07	2.65	-1.50
		30	2.16	0.51	1.14	-0.07	2.58	-0.84
	7	15	6.30	-7.41	-0.44	0.11	1.19	-19.36
		30	-6.30	7.41	0.44	-0.11	0.83	-14.51
	8	15	-6.30	7.51	0.45	-0.11	-1.22	19.61
		30	6.30	-7.51	-0.45	0.11	-0.85	14.70
	9	15	247.23	-11.85	13.21	-0.85	-20.11	8.26
		30	-216.04	11.85	-13.21	0.85	-40.25	-62.41
	10	15	243.49	-12.65	11.22	-0.74	-15.52	5.91
		30	-212.30	12.65	-11.22	0.74	-35.78	-63.72
	11	15	251.10	-18.86	11.86	-0.71	-16.83	-10.17
		30	-219.91	18.86	-11.86	0.71	-37.35	-76.02
	12	15	239.76	-5.43	12.66	-0.90	-18.99	24.90
		30	-208.57	5.43	-12.66	0.90	-38.86	-49.73
	13	15	248.14	-11.62	13.07	-0.85	-19.80	8.72
		30	-216.95	11.62	-13.07	0.85	-39.93	-61.84
	14	15	244.40	-12.43	11.09	-0.74	-15.21	6.36
		30	-213.21	12.43	-11.09	0.74	-35.45	-63.16
	15	15	252.02	-18.64	11.72	-0.71	-16.52	-9.71
		30	-220.83	18.64	-11.72	0.71	-37.03	-75.46
	16	15	240.67	-5.21	12.52	-0.90	-18.68	25.35
		30	-209.48	5.21	-12.52	0.90	-38.54	-49.17
	17	15	236.49	-10.44	13.00	-0.84	-20.28	9.51
		30	-205.30	10.44	-13.00	0.84	-39.11	-57.24
	18	15	230.26	-11.78	9.69	-0.66	-12.62	5.58
		30	-199.07	11.78	-9.69	0.66	-31.64	-59.43
	19	15	242.95	-22.13	10.74	-0.60	-14.81	-21.21

	30	-211.76	22.13	-10.74	0.60	-34.27	-79.93
20	15	224.04	0.25	12.08	-0.92	-18.41	37.24
	30	-192.85	-0.25	-12.08	0.92	-36.79	-36.11
21	15	187.45	-8.93	9.90	-0.64	-15.01	6.32
	30	-163.46	8.93	-9.90	0.64	-30.25	-47.14
22	15	184.96	-9.47	8.58	-0.57	-11.94	4.75
	30	-160.96	9.47	-8.58	0.57	-27.26	-48.01
23	15	190.03	-13.61	9.00	-0.55	-12.82	-5.96
	30	-166.04	13.61	-9.00	0.55	-28.31	-56.21
24	15	182.47	-4.65	9.54	-0.67	-14.26	17.41
	30	-158.48	4.65	-9.54	0.67	-29.32	-38.69
25	15	188.06	-8.78	9.81	-0.64	-14.80	6.63
	30	-164.06	8.78	-9.81	0.64	-30.03	-46.76
26	15	185.56	-9.32	8.49	-0.57	-11.74	5.06
	30	-161.57	9.32	-8.49	0.57	-27.05	-47.64
27	15	190.64	-13.46	8.91	-0.55	-12.61	-5.66
	30	-166.65	13.46	-8.91	0.55	-28.10	-55.84
28	15	183.08	-4.51	9.44	-0.67	-14.06	17.72
	30	-159.09	4.51	-9.44	0.67	-29.11	-38.31
29	15	180.29	-7.99	9.76	-0.64	-15.12	7.16
	30	-156.30	7.99	-9.76	0.64	-29.48	-43.69
30	15	176.14	-8.89	7.55	-0.51	-10.01	4.54
	30	-152.14	8.89	-7.55	0.51	-24.51	-45.15
31	15	184.60	-15.79	8.26	-0.48	-11.47	-13.32
	30	-160.61	15.79	-8.26	0.48	-26.26	-58.82
32	15	171.99	-0.87	9.15	-0.69	-13.87	25.64
	30	-148.00	0.87	-9.15	0.69	-27.94	-29.61
33	15	169.73	-7.74	8.22	-0.56	-11.99	6.11
	30	-145.74	7.74	-8.22	0.56	-25.58	-41.49
34	15	173.16	-7.99	8.41	-0.57	-12.26	6.08
	30	-149.17	7.99	-8.41	0.57	-26.19	-42.61
35	15	170.13	-7.66	8.43	-0.57	-12.48	6.34
	30	-146.14	7.66	-8.43	0.57	-26.06	-41.36
36	15	169.30	-7.84	7.99	-0.54	-11.46	5.81
	30	-145.31	7.84	-7.99	0.54	-25.07	-41.65
37	15	171.00	-9.22	8.13	-0.54	-11.75	2.24
	30	-147.00	9.22	-8.13	0.54	-25.42	-44.39
38	15	168.47	-6.24	8.31	-0.58	-12.23	10.03
	30	-144.48	6.24	-8.31	0.58	-25.75	-38.54
39	15	169.73	-7.74	8.22	-0.56	-11.99	6.11
	30	-145.74	7.74	-8.22	0.56	-25.58	-41.49
40	15	30.83	7.48	24.16	-0.14	-56.09	21.72
	30	-30.83	-7.48	-24.16	0.14	-54.34	12.48
41	15	34.09	2.52	20.72	-1.27	-48.00	8.76
	30	-34.09	-2.52	-20.72	1.27	-46.69	2.75
42	15	36.48	-92.43	-4.00	0.18	11.20	-241.20
	30	-36.48	92.43	4.00	-0.18	7.09	-181.20
43	15	32.23	-73.78	-2.16	0.51	6.56	-192.59
	30	-32.23	73.78	2.16	-0.51	3.31	-144.58
44	15	211.50	-27.99	31.19	-0.65	-64.72	-44.53

	30	-187.51	27.99	-31.19	0.65	-77.80	-83.37
45	15	189.62	27.47	33.59	-0.76	-71.44	100.19
	30	-165.62	-27.47	-33.59	0.76	-82.06	25.35
46	15	210.23	-22.39	31.74	-0.55	-66.11	-29.95
	30	-186.24	22.39	-31.74	0.55	-78.93	-72.38
47	15	190.89	21.88	33.03	-0.86	-70.05	85.61
	30	-166.90	-21.88	-33.03	0.86	-80.92	14.37
48	15	149.85	-42.95	-17.14	-0.36	47.45	-87.96
	30	-125.86	42.95	17.14	0.36	30.89	-108.32
49	15	127.97	12.51	-14.74	-0.47	40.74	56.76
	30	-103.97	-12.51	14.74	0.47	26.63	0.39
50	15	148.58	-37.36	-16.59	-0.26	46.06	-73.38
	30	-124.59	37.36	16.59	0.26	29.75	-97.34
51	15	129.24	6.91	-15.29	-0.57	42.13	42.17
	30	-105.25	-6.91	15.29	0.57	27.77	-10.59
52	15	214.77	-32.95	27.74	-1.77	-56.64	-57.49
	30	-190.78	32.95	-27.74	1.77	-70.15	-93.09
53	15	192.88	22.51	30.14	-1.88	-63.35	87.23
	30	-168.89	-22.51	-30.14	1.88	-74.41	15.63
54	15	213.49	-27.35	28.30	-1.67	-58.03	-42.91
	30	-189.50	27.35	-28.30	1.67	-71.29	-82.10
55	15	194.16	16.91	29.59	-1.98	-61.96	72.65
	30	-170.16	-16.91	-29.59	1.98	-73.27	4.64
56	15	146.59	-37.99	-13.70	0.77	39.37	-75.01
	30	-122.60	37.99	13.70	-0.77	23.24	-98.60
57	15	124.70	17.47	-11.30	0.66	32.65	69.71
	30	-100.71	-17.47	11.30	-0.66	18.98	10.12
58	15	145.31	-32.39	-13.15	0.87	37.98	-60.43
	30	-121.32	32.39	13.15	-0.87	22.10	-87.61
59	15	125.97	11.87	-11.85	0.56	34.04	55.13
	30	-101.98	-11.87	11.85	-0.56	20.12	-0.87
60	15	215.46	-97.92	11.47	-0.42	-17.62	-228.57
	30	-191.47	97.92	-11.47	0.42	-34.79	-218.94
61	15	196.97	-102.41	-3.03	-0.33	16.03	-241.60
	30	-172.97	102.41	3.03	0.33	-2.19	-226.42
62	15	216.44	-99.41	10.44	-0.76	-15.20	-232.46
	30	-192.45	99.41	-10.44	0.76	-32.50	-221.85
63	15	195.99	-100.92	-2.00	0.01	13.60	-237.72
	30	-171.99	100.92	2.00	-0.01	-4.48	-223.51
64	15	142.50	86.93	19.47	-0.78	-40.01	253.83
	30	-118.51	-86.93	-19.47	0.78	-48.98	143.45
65	15	124.01	82.44	4.97	-0.69	-6.36	240.80
	30	-100.01	-82.44	-4.97	0.69	-16.37	135.97
66	15	143.48	85.44	18.44	-1.12	-37.59	249.94
	30	-119.49	-85.44	-18.44	1.12	-46.69	140.54
67	15	123.03	83.93	6.01	-0.36	-8.79	244.69
	30	-99.04	-83.93	-6.01	0.36	-18.67	138.88
68	15	211.21	-79.27	13.31	-0.09	-22.26	-179.97
	30	-187.22	79.27	-13.31	0.09	-38.58	-182.32
69	15	192.72	-83.76	-1.19	0.00	11.40	-193.00

		30	-168.73	83.76	1.19	0.00	-5.97	-189.80
	70	15	212.19	-80.76	12.28	-0.42	-19.83	-183.85
		30	-188.20	80.76	-12.28	0.42	-36.28	-185.24
	71	15	191.74	-82.28	-0.15	0.34	8.97	-189.11
		30	-167.75	82.28	0.15	-0.34	-8.26	-186.89
	72	15	146.75	68.28	17.63	-1.11	-35.38	205.22
		30	-122.76	-68.28	-17.63	1.11	-45.20	106.83
	73	15	128.25	63.79	3.13	-1.03	-1.73	192.19
		30	-104.26	-63.79	-3.13	1.03	-12.59	99.35
	74	15	147.73	66.79	16.60	-1.45	-32.96	201.34
		30	-123.74	-66.79	-16.60	1.45	-42.90	103.92
	75	15	127.27	65.28	4.17	-0.69	-4.15	196.08
		30	-103.28	-65.28	-4.17	0.69	-14.89	102.26
22	1	22	309.84	0.00	8.11	0.00	16.11	0.00
		32	-294.96	0.00	-8.11	0.00	-36.22	0.00
	2	22	102.69	0.00	2.07	0.00	4.73	0.00
		32	-102.69	0.00	-2.07	0.00	-9.87	0.00
	3	22	28.44	0.00	0.71	0.00	1.46	0.00
		32	-28.44	0.00	-0.71	0.00	-3.23	0.00
	4	22	50.52	0.00	1.36	0.00	2.68	0.00
		32	-50.52	0.00	-1.36	0.00	-6.06	0.00
	5	22	-2.28	0.00	1.30	0.00	1.24	0.00
		32	2.28	0.00	-1.30	0.00	-4.47	0.00
	6	22	0.71	0.00	-1.31	0.00	-1.32	0.00
		32	-0.71	0.00	1.31	0.00	4.56	0.00
	7	22	-0.84	3.28	0.02	-0.59	0.01	7.61
		32	0.84	-3.28	-0.02	0.59	-0.05	0.53
	8	22	-0.81	-3.28	0.01	0.59	0.01	-7.61
		32	0.81	3.28	-0.01	-0.59	-0.04	-0.53
	9	22	614.78	0.00	16.50	0.00	32.41	0.00
		32	-595.44	0.00	-16.50	0.00	-73.32	0.00
	10	22	617.48	0.00	14.15	0.00	30.11	0.00
		32	-598.13	0.00	-14.15	0.00	-65.19	0.00
	11	22	616.08	2.95	15.34	-0.53	31.31	6.85
		32	-596.74	-2.95	-15.34	0.53	-69.35	0.48
	12	22	616.11	-2.95	15.34	0.53	31.30	-6.84
		32	-596.76	2.95	-15.34	-0.53	-69.34	-0.48
	13	22	610.02	0.00	16.45	0.00	32.22	0.00
		32	-590.67	0.00	-16.45	0.00	-73.02	0.00
	14	22	612.71	0.00	14.10	0.00	29.92	0.00
		32	-593.37	0.00	-14.10	0.00	-64.89	0.00
	15	22	611.32	2.95	15.29	-0.53	31.12	6.85
		32	-591.97	-2.95	-15.29	0.53	-69.04	0.48
	16	22	611.34	-2.95	15.29	0.53	31.12	-6.84
		32	-592.00	2.95	-15.29	-0.53	-69.04	-0.48
	17	22	570.76	0.00	16.21	0.00	30.96	0.00
		32	-551.41	0.00	-16.21	0.00	-71.16	0.00
	18	22	575.25	0.00	12.30	0.00	27.12	0.00
		32	-555.90	0.00	-12.30	0.00	-57.62	0.00

19	22	572.92	4.92	14.28	-0.88	29.12	11.41
	32	-553.58	-4.92	-14.28	0.88	-64.53	0.79
20	22	572.97	-4.92	14.28	0.88	29.12	-11.41
	32	-553.62	4.92	-14.28	-0.88	-64.52	-0.79
21	22	464.86	0.00	12.36	0.00	24.38	0.00
	32	-449.98	0.00	-12.36	0.00	-55.03	0.00
22	22	466.65	0.00	10.79	0.00	22.85	0.00
	32	-451.77	0.00	-10.79	0.00	-49.61	0.00
23	22	465.72	1.97	11.58	-0.35	23.65	4.57
	32	-450.84	-1.97	-11.58	0.35	-52.38	0.32
24	22	465.74	-1.97	11.58	0.35	23.65	-4.56
	32	-450.86	1.97	-11.58	-0.35	-52.37	-0.32
25	22	461.68	0.00	12.32	0.00	24.26	0.00
	32	-446.80	0.00	-12.32	0.00	-54.82	0.00
26	22	463.48	0.00	10.76	0.00	22.73	0.00
	32	-448.60	0.00	-10.76	0.00	-49.41	0.00
27	22	462.55	1.97	11.55	-0.35	23.53	4.57
	32	-447.67	-1.97	-11.55	0.35	-52.17	0.32
28	22	462.57	-1.97	11.55	0.35	23.53	-4.56
	32	-447.69	1.97	-11.55	-0.35	-52.17	-0.32
29	22	435.51	0.00	12.16	0.00	23.42	0.00
	32	-420.63	0.00	-12.16	0.00	-53.58	0.00
30	22	438.50	0.00	9.56	0.00	20.86	0.00
	32	-423.62	0.00	-9.56	0.00	-44.56	0.00
31	22	436.95	3.28	10.88	-0.59	22.19	7.61
	32	-422.07	-3.28	-10.88	0.59	-49.17	0.53
32	22	436.98	-3.28	10.88	0.59	22.19	-7.61
	32	-422.10	3.28	-10.88	-0.59	-49.16	-0.53
33	22	412.53	0.00	10.18	0.00	20.84	0.00
	32	-397.65	0.00	-10.18	0.00	-46.09	0.00
34	22	422.64	0.00	10.45	0.00	21.37	0.00
	32	-407.76	0.00	-10.45	0.00	-47.30	0.00
35	22	412.08	0.00	10.44	0.00	21.09	0.00
	32	-397.20	0.00	-10.44	0.00	-46.98	0.00
36	22	412.67	0.00	9.92	0.00	20.57	0.00
	32	-397.79	0.00	-9.92	0.00	-45.18	0.00
37	22	412.36	0.66	10.18	-0.12	20.84	1.52
	32	-397.48	-0.66	-10.18	0.12	-46.10	0.11
38	22	412.37	-0.66	10.18	0.12	20.84	-1.52
	32	-397.49	0.66	-10.18	-0.12	-46.10	-0.11
39	22	412.53	0.00	10.18	0.00	20.84	0.00
	32	-397.65	0.00	-10.18	0.00	-46.09	0.00
40	22	1.89	-0.63	27.75	-0.16	30.32	-1.43
	32	-1.89	0.63	-27.75	0.16	-99.14	-0.14
41	22	1.89	0.63	27.75	0.16	30.31	1.43
	32	-1.89	-0.63	-27.75	-0.16	-99.13	0.14
42	22	-0.14	23.53	0.01	-0.21	0.01	56.71
	32	0.14	-23.53	-0.01	0.21	-0.04	1.64
43	22	-0.16	28.00	0.02	1.04	0.02	67.02
	32	0.16	-28.00	-0.02	-1.04	-0.07	2.41

44	22	414.38	6.43	37.94	-0.22	51.16	15.59
	32	-399.50	-6.43	-37.94	0.22	-145.25	0.36
45	22	414.46	-7.69	37.93	-0.09	51.15	-18.44
	32	-399.58	7.69	-37.93	0.09	-145.22	-0.63
46	22	414.38	7.77	37.94	0.16	51.16	18.68
	32	-399.50	-7.77	-37.94	-0.16	-145.25	0.59
47	22	414.47	-9.03	37.93	-0.47	51.15	-21.53
	32	-399.59	9.03	-37.93	0.47	-145.21	-0.86
48	22	410.60	7.69	-17.57	0.09	-9.48	18.44
	32	-395.72	-7.69	17.57	-0.09	53.04	0.63
49	22	410.68	-6.43	-17.58	0.22	-9.48	-15.59
	32	-395.80	6.43	17.58	-0.22	53.07	-0.36
50	22	410.60	9.03	-17.57	0.47	-9.47	21.53
	32	-395.72	-9.03	17.57	-0.47	53.04	0.86
51	22	410.69	-7.77	-17.58	-0.16	-9.48	-18.68
	32	-395.81	7.77	17.58	0.16	53.08	-0.59
52	22	414.39	7.69	37.94	0.09	51.15	18.44
	32	-399.51	-7.69	-37.94	-0.09	-145.24	0.63
53	22	414.47	-6.43	37.93	0.22	51.15	-15.59
	32	-399.59	6.43	-37.93	-0.22	-145.21	-0.36
54	22	414.38	9.03	37.94	0.47	51.16	21.54
	32	-399.50	-9.03	-37.94	-0.47	-145.24	0.86
55	22	414.47	-7.77	37.93	-0.16	51.15	-18.68
	32	-399.59	7.77	-37.93	0.16	-145.20	-0.59
56	22	410.60	6.43	-17.57	-0.22	-9.47	15.59
	32	-395.72	-6.43	17.57	0.22	53.03	0.36
57	22	410.68	-7.69	-17.57	-0.09	-9.48	-18.44
	32	-395.80	7.69	17.57	0.09	53.06	-0.63
58	22	410.59	7.77	-17.56	0.16	-9.47	18.68
	32	-395.71	-7.77	17.56	-0.16	53.03	0.59
59	22	410.68	-9.03	-17.58	-0.47	-9.48	-21.54
	32	-395.80	9.03	17.58	0.47	53.07	-0.86
60	22	412.96	23.34	18.52	-0.25	29.94	56.28
	32	-398.08	-23.34	-18.52	0.25	-75.87	1.60
61	22	411.83	23.72	1.87	-0.16	11.75	57.14
	32	-396.95	-23.72	-1.87	0.16	-16.39	1.69
62	22	412.97	23.72	18.52	-0.16	29.94	57.14
	32	-398.09	-23.72	-18.52	0.16	-75.87	1.69
63	22	411.83	23.34	1.87	-0.25	11.75	56.28
	32	-396.95	-23.34	-1.87	0.25	-16.39	1.60
64	22	413.23	-23.72	18.49	0.16	29.92	-57.14
	32	-398.35	23.72	-18.49	-0.16	-75.79	-1.69
65	22	412.10	-23.34	1.84	0.25	11.73	-56.28
	32	-397.22	23.34	-1.84	-0.25	-16.30	-1.60
66	22	413.24	-23.34	18.49	0.25	29.92	-56.28
	32	-398.36	23.34	-18.49	-0.25	-75.79	-1.60
67	22	412.10	-23.72	1.84	0.16	11.73	-57.14
	32	-397.22	23.72	-1.84	-0.16	-16.31	-1.69
68	22	412.94	27.81	18.53	0.99	29.95	66.60
	32	-398.06	-27.81	-18.53	-0.99	-75.90	2.37

	69	22	411.81	28.19	1.88	1.09	11.76	67.45
		32	-396.93	-28.19	-1.88	-1.09	-16.41	2.45
	70	22	412.95	28.19	18.53	1.09	29.95	67.45
		32	-398.07	-28.19	-18.53	-1.09	-75.90	2.45
	71	22	411.81	27.81	1.88	0.99	11.76	66.60
		32	-396.93	-27.81	-1.88	-0.99	-16.42	2.37
	72	22	413.26	-28.19	18.49	-1.09	29.92	-67.45
		32	-398.38	28.19	-18.49	1.09	-75.76	-2.45
	73	22	412.12	-27.81	1.83	-0.99	11.73	-66.60
		32	-397.24	27.81	-1.83	0.99	-16.28	-2.37
	74	22	413.26	-27.81	18.49	-0.99	29.92	-66.60
		32	-398.38	27.81	-18.49	0.99	-75.76	-2.37
	75	22	412.12	-28.19	1.84	-1.09	11.73	-67.45
		32	-397.24	28.19	-1.84	1.09	-16.28	-2.45
23	1	23	211.85	0.00	0.00	0.00	0.00	0.00
		33	-196.97	0.00	0.00	0.00	-0.01	0.00
	2	23	74.95	0.00	0.00	0.00	0.00	0.00
		33	-74.95	0.00	0.00	0.00	-0.01	0.00
	3	23	19.58	0.00	0.00	0.00	0.00	0.00
		33	-19.58	0.00	0.00	0.00	0.00	0.00
	4	23	34.40	0.00	0.00	0.00	0.00	0.00
		33	-34.40	0.00	0.00	0.00	0.00	0.00
	5	23	0.15	0.00	1.37	0.00	1.46	0.00
		33	-0.15	0.00	-1.37	0.00	-4.85	0.00
	6	23	0.12	0.00	-1.37	0.00	-1.46	0.00
		33	-0.12	0.00	1.37	0.00	4.85	0.00
	7	23	-0.76	3.97	0.00	0.00	0.00	10.23
		33	0.76	-3.97	0.00	0.00	0.00	-0.39
	8	23	-0.76	-3.97	0.00	0.00	0.00	-10.23
		33	0.76	3.97	0.00	0.00	0.00	0.39
	9	23	428.16	0.00	1.24	0.00	1.32	0.00
		33	-408.81	0.00	-1.24	0.00	-4.40	0.00
	10	23	428.13	0.00	-1.22	0.00	-1.30	0.00
		33	-408.78	0.00	1.22	0.00	4.34	0.00
	11	23	427.34	3.57	0.01	0.00	0.01	9.21
		33	-407.99	-3.57	-0.01	0.00	-0.03	-0.35
	12	23	427.34	-3.57	0.01	0.00	0.01	-9.20
		33	-408.00	3.57	-0.01	0.00	-0.03	0.35
	13	23	424.59	0.00	1.24	0.00	1.32	0.00
		33	-405.24	0.00	-1.24	0.00	-4.39	0.00
	14	23	424.56	0.00	-1.22	0.00	-1.30	0.00
		33	-405.21	0.00	1.22	0.00	4.34	0.00
	15	23	423.77	3.57	0.01	0.00	0.01	9.21
		33	-404.42	-3.57	-0.01	0.00	-0.03	-0.35
	16	23	423.77	-3.57	0.01	0.00	0.01	-9.20
		33	-404.43	3.57	-0.01	0.00	-0.03	0.35
	17	23	398.87	0.00	2.06	0.00	2.20	0.00
		33	-379.53	0.00	-2.06	0.00	-7.30	0.00
	18	23	398.83	0.00	-2.04	0.00	-2.18	0.00

	33	-379.48	0.00	2.04	0.00	7.25	0.00
19	23	397.51	5.95	0.01	0.00	0.01	15.34
	33	-378.16	-5.95	-0.01	0.00	-0.03	-0.59
20	23	397.52	-5.95	0.01	0.00	0.01	-15.34
	33	-378.17	5.95	-0.01	0.00	-0.03	0.59
21	23	323.68	0.00	0.83	0.00	0.88	0.00
	33	-308.80	0.00	-0.83	0.00	-2.93	0.00
22	23	323.66	0.00	-0.81	0.00	-0.87	0.00
	33	-308.78	0.00	0.81	0.00	2.89	0.00
23	23	323.13	2.38	0.01	0.00	0.01	6.14
	33	-308.25	-2.38	-0.01	0.00	-0.02	-0.23
24	23	323.14	-2.38	0.01	0.00	0.01	-6.13
	33	-308.26	2.38	-0.01	0.00	-0.02	0.23
25	23	321.30	0.00	0.83	0.00	0.88	0.00
	33	-306.42	0.00	-0.83	0.00	-2.93	0.00
26	23	321.28	0.00	-0.81	0.00	-0.87	0.00
	33	-306.40	0.00	0.81	0.00	2.89	0.00
27	23	320.75	2.38	0.01	0.00	0.01	6.14
	33	-305.87	-2.38	-0.01	0.00	-0.02	-0.23
28	23	320.76	-2.38	0.01	0.00	0.01	-6.13
	33	-305.88	2.38	-0.01	0.00	-0.02	0.23
29	23	304.16	0.00	1.37	0.00	1.47	0.00
	33	-289.28	0.00	-1.37	0.00	-4.87	0.00
30	23	304.13	0.00	-1.36	0.00	-1.45	0.00
	33	-289.25	0.00	1.36	0.00	4.83	0.00
31	23	303.25	3.97	0.01	0.00	0.01	10.23
	33	-288.37	-3.97	-0.01	0.00	-0.02	-0.39
32	23	303.25	-3.97	0.01	0.00	0.01	-10.23
	33	-288.37	3.97	-0.01	0.00	-0.02	0.39
33	23	286.81	0.00	0.01	0.00	0.01	0.00
	33	-271.93	0.00	-0.01	0.00	-0.02	0.00
34	23	293.69	0.00	0.01	0.00	0.01	0.00
	33	-278.81	0.00	-0.01	0.00	-0.02	0.00
35	23	286.84	0.00	0.28	0.00	0.30	0.00
	33	-271.96	0.00	-0.28	0.00	-0.99	0.00
36	23	286.83	0.00	-0.27	0.00	-0.29	0.00
	33	-271.95	0.00	0.27	0.00	0.95	0.00
37	23	286.66	0.79	0.01	0.00	0.01	2.05
	33	-271.78	-0.79	-0.01	0.00	-0.02	-0.08
38	23	286.66	-0.79	0.01	0.00	0.01	-2.04
	33	-271.78	0.79	-0.01	0.00	-0.02	0.08
39	23	286.81	0.00	0.01	0.00	0.01	0.00
	33	-271.93	0.00	-0.01	0.00	-0.02	0.00
40	23	0.33	0.00	29.10	-0.38	31.35	-0.01
	33	-0.33	0.00	-29.10	0.38	-103.50	0.00
41	23	0.33	0.00	29.09	0.38	31.34	0.01
	33	-0.33	0.00	-29.09	-0.38	-103.50	0.00
42	23	-0.02	22.56	0.00	-0.80	0.00	59.96
	33	0.02	-22.56	0.00	0.80	0.02	-4.02
43	23	-0.02	22.55	0.00	0.81	0.00	59.95

	33	0.02	-22.55	0.00	-0.81	0.00	-4.02
44	23	287.13	6.76	29.10	-0.62	31.35	17.98
	33	-272.25	-6.76	-29.10	0.62	-103.52	-1.21
45	23	287.14	-6.77	29.10	-0.14	31.35	-18.00
	33	-272.26	6.77	-29.10	0.14	-103.53	1.20
46	23	287.13	6.76	29.10	-0.13	31.35	17.97
	33	-272.25	-6.76	-29.10	0.13	-103.52	-1.21
47	23	287.14	-6.77	29.10	-0.62	31.35	-17.99
	33	-272.26	6.77	-29.10	0.62	-103.52	1.20
48	23	286.48	6.77	-29.09	0.14	-31.34	18.00
	33	-271.60	-6.77	29.09	-0.14	103.49	-1.20
49	23	286.49	-6.76	-29.09	0.62	-31.34	-17.98
	33	-271.61	6.76	29.09	-0.62	103.48	1.21
50	23	286.48	6.77	-29.09	0.62	-31.34	18.00
	33	-271.60	-6.77	29.09	-0.62	103.49	-1.20
51	23	286.49	-6.76	-29.09	0.13	-31.34	-17.97
	33	-271.61	6.76	29.09	-0.13	103.48	1.21
52	23	287.13	6.77	29.10	0.14	31.35	18.00
	33	-272.25	-6.77	-29.10	-0.14	-103.51	-1.20
53	23	287.14	-6.76	29.10	0.62	31.35	-17.98
	33	-272.26	6.76	-29.10	-0.62	-103.52	1.21
54	23	287.13	6.77	29.10	0.62	31.35	17.99
	33	-272.25	-6.77	-29.10	-0.62	-103.51	-1.20
55	23	287.14	-6.76	29.10	0.14	31.35	-17.98
	33	-272.26	6.76	-29.10	-0.14	-103.52	1.21
56	23	286.48	6.76	-29.09	-0.62	-31.34	17.98
	33	-271.60	-6.76	29.09	0.62	103.48	-1.21
57	23	286.49	-6.77	-29.09	-0.14	-31.34	-17.99
	33	-271.61	6.77	29.09	0.14	103.47	1.20
58	23	286.48	6.76	-29.09	-0.14	-31.34	17.98
	33	-271.60	-6.76	29.09	0.14	103.48	-1.21
59	23	286.49	-6.77	-29.09	-0.62	-31.34	-17.99
	33	-271.61	6.77	29.09	0.62	103.48	1.20
60	23	286.89	22.56	8.73	-0.91	9.41	59.96
	33	-272.01	-22.56	-8.73	0.91	-31.05	-4.02
61	23	286.69	22.56	-8.73	-0.68	-9.40	59.96
	33	-271.81	-22.56	8.73	0.68	31.05	-4.02
62	23	286.89	22.56	8.73	-0.68	9.41	59.96
	33	-272.01	-22.56	-8.73	0.68	-31.05	-4.01
63	23	286.69	22.56	-8.73	-0.91	-9.40	59.96
	33	-271.81	-22.56	8.73	0.91	31.05	-4.02
64	23	286.93	-22.56	8.74	0.68	9.41	-59.96
	33	-272.05	22.56	-8.74	-0.68	-31.09	4.02
65	23	286.73	-22.56	-8.72	0.91	-9.39	-59.95
	33	-271.85	22.56	8.72	-0.91	31.02	4.02
66	23	286.93	-22.56	8.74	0.91	9.41	-59.96
	33	-272.05	22.56	-8.74	-0.91	-31.08	4.02
67	23	286.73	-22.56	-8.72	0.68	-9.39	-59.96
	33	-271.85	22.56	8.72	-0.68	31.01	4.01
68	23	286.89	22.55	8.73	0.70	9.41	59.95

		33	-272.01	-22.55	-8.73	-0.70	-31.07	-4.02
69		23	286.69	22.56	-8.72	0.92	-9.40	59.95
		33	-271.81	-22.56	8.72	-0.92	31.03	-4.02
70		23	286.89	22.55	8.73	0.92	9.41	59.95
		33	-272.01	-22.55	-8.73	-0.92	-31.07	-4.02
71		23	286.69	22.55	-8.72	0.69	-9.40	59.95
		33	-271.81	-22.55	8.72	-0.69	31.03	-4.02
72		23	286.93	-22.55	8.73	-0.92	9.41	-59.95
		33	-272.05	22.55	-8.73	0.92	-31.07	4.02
73		23	286.73	-22.55	-8.72	-0.70	-9.40	-59.95
		33	-271.85	22.55	8.72	0.70	31.03	4.02
74		23	286.93	-22.55	8.73	-0.69	9.41	-59.95
		33	-272.05	22.55	-8.73	0.69	-31.07	4.02
75		23	286.73	-22.55	-8.72	-0.92	-9.40	-59.95
		33	-271.85	22.55	8.72	0.92	31.03	4.02
24	1	24	309.84	0.00	-8.11	0.00	-16.10	0.00
		34	-294.96	0.00	8.11	0.00	36.21	0.00
	2	24	102.70	0.00	-2.06	0.00	-4.72	0.00
		34	-102.70	0.00	2.06	0.00	9.84	0.00
	3	24	28.44	0.00	-0.71	0.00	-1.46	0.00
		34	-28.44	0.00	0.71	0.00	3.23	0.00
	4	24	50.52	0.00	-1.36	0.00	-2.68	0.00
		34	-50.52	0.00	1.36	0.00	6.05	0.00
	5	24	0.71	0.00	1.30	0.00	1.31	0.00
		34	-0.71	0.00	-1.30	0.00	-4.53	0.00
	6	24	-2.28	0.00	-1.29	0.00	-1.23	0.00
		34	2.28	0.00	1.29	0.00	4.43	0.00
	7	24	-0.84	3.28	-0.02	0.59	-0.01	7.60
		34	0.84	-3.28	0.02	-0.59	0.05	0.53
	8	24	-0.81	-3.28	-0.01	-0.59	-0.01	-7.60
		34	0.81	3.28	0.01	0.59	0.04	-0.53
	9	24	617.48	0.00	-14.14	0.00	-30.10	0.00
		34	-598.14	0.00	14.14	0.00	65.17	0.00
	10	24	614.78	0.00	-16.47	0.00	-32.38	0.00
		34	-595.44	0.00	16.47	0.00	73.23	0.00
	11	24	616.08	2.95	-15.32	0.53	-31.29	6.85
		34	-596.74	-2.95	15.32	-0.53	69.29	0.48
	12	24	616.11	-2.95	-15.32	-0.53	-31.28	-6.84
		34	-596.77	2.95	15.32	0.53	69.28	-0.48
	13	24	612.72	0.00	-14.09	0.00	-29.91	0.00
		34	-593.37	0.00	14.09	0.00	64.87	0.00
	14	24	610.02	0.00	-16.43	0.00	-32.20	0.00
		34	-590.68	0.00	16.43	0.00	72.93	0.00
	15	24	611.32	2.95	-15.28	0.53	-31.10	6.85
		34	-591.98	-2.95	15.28	-0.53	68.99	0.48
	16	24	611.35	-2.95	-15.27	-0.53	-31.10	-6.84
		34	-592.00	2.95	15.27	0.53	68.98	-0.48
	17	24	575.26	0.00	-12.30	0.00	-27.12	0.00
		34	-555.91	0.00	12.30	0.00	57.61	0.00

18	24	570.76	0.00	-16.18	0.00	-30.92	0.00
	34	-551.41	0.00	16.18	0.00	71.06	0.00
19	24	572.93	4.92	-14.27	0.88	-29.10	11.41
	34	-553.58	-4.92	14.27	-0.88	64.48	0.79
20	24	572.97	-4.92	-14.26	-0.88	-29.10	-11.41
	34	-553.63	4.92	14.26	0.88	64.47	-0.79
21	24	466.66	0.00	-10.78	0.00	-22.84	0.00
	34	-451.78	0.00	10.78	0.00	49.59	0.00
22	24	464.86	0.00	-12.34	0.00	-24.36	0.00
	34	-449.98	0.00	12.34	0.00	54.96	0.00
23	24	465.73	1.97	-11.57	0.35	-23.64	4.56
	34	-450.85	-1.97	11.57	-0.35	52.33	0.32
24	24	465.74	-1.97	-11.57	-0.35	-23.63	-4.56
	34	-450.86	1.97	11.57	0.35	52.33	-0.32
25	24	463.48	0.00	-10.75	0.00	-22.72	0.00
	34	-448.60	0.00	10.75	0.00	49.38	0.00
26	24	461.68	0.00	-12.31	0.00	-24.24	0.00
	34	-446.80	0.00	12.31	0.00	54.76	0.00
27	24	462.55	1.97	-11.54	0.35	-23.51	4.56
	34	-447.67	-1.97	11.54	-0.35	52.13	0.32
28	24	462.57	-1.97	-11.54	-0.35	-23.51	-4.56
	34	-447.69	1.97	11.54	0.35	52.13	-0.32
29	24	438.51	0.00	-9.55	0.00	-20.86	0.00
	34	-423.63	0.00	9.55	0.00	44.55	0.00
30	24	435.51	0.00	-12.14	0.00	-23.39	0.00
	34	-420.63	0.00	12.14	0.00	53.51	0.00
31	24	436.96	3.28	-10.87	0.59	-22.18	7.60
	34	-422.08	-3.28	10.87	-0.59	49.13	0.53
32	24	436.98	-3.28	-10.86	-0.59	-22.18	-7.60
	34	-422.10	3.28	10.86	0.59	49.12	-0.53
33	24	412.54	0.00	-10.17	0.00	-20.83	0.00
	34	-397.66	0.00	10.17	0.00	46.05	0.00
34	24	422.64	0.00	-10.44	0.00	-21.36	0.00
	34	-407.76	0.00	10.44	0.00	47.26	0.00
35	24	412.68	0.00	-9.91	0.00	-20.56	0.00
	34	-397.80	0.00	9.91	0.00	45.15	0.00
36	24	412.08	0.00	-10.43	0.00	-21.07	0.00
	34	-397.20	0.00	10.43	0.00	46.94	0.00
37	24	412.37	0.66	-10.17	0.12	-20.83	1.52
	34	-397.49	-0.66	10.17	-0.12	46.06	0.11
38	24	412.37	-0.66	-10.17	-0.12	-20.83	-1.52
	34	-397.49	0.66	10.17	0.12	46.06	-0.11
39	24	412.54	0.00	-10.17	0.00	-20.83	0.00
	34	-397.66	0.00	10.17	0.00	46.05	0.00
40	24	-1.84	0.62	27.57	-0.16	30.10	1.40
	34	1.84	-0.62	-27.57	0.16	-98.46	0.13
41	24	-1.84	-0.63	27.56	0.16	30.09	-1.42
	34	1.84	0.63	-27.56	-0.16	-98.44	-0.13
42	24	-0.16	27.99	-0.03	-1.03	-0.02	67.01
	34	0.16	-27.99	0.03	1.03	0.09	2.41

43	24	-0.14	23.52	-0.02	0.21	-0.01	56.68
	34	0.14	-23.52	0.02	-0.21	0.06	1.64
44	24	410.65	9.02	17.39	-0.47	9.26	21.51
	34	-395.77	-9.02	-17.39	0.47	-52.38	0.86
45	24	410.75	-7.78	17.40	0.15	9.28	-18.70
	34	-395.87	7.78	-17.40	-0.15	-52.44	-0.59
46	24	410.66	7.68	17.39	-0.10	9.27	18.41
	34	-395.78	-7.68	-17.39	0.10	-52.39	0.63
47	24	410.74	-6.44	17.40	-0.22	9.27	-15.60
	34	-395.86	6.44	-17.40	0.22	-52.43	-0.36
48	24	414.33	7.78	-37.75	-0.15	-50.93	18.70
	34	-399.45	-7.78	37.75	0.15	144.54	0.59
49	24	414.42	-9.02	-37.73	0.47	-50.91	-21.51
	34	-399.54	9.02	37.73	-0.47	144.48	-0.86
50	24	414.33	6.44	-37.74	0.22	-50.93	15.60
	34	-399.45	-6.44	37.74	-0.22	144.53	0.36
51	24	414.41	-7.68	-37.73	0.10	-50.92	-18.41
	34	-399.53	7.68	37.73	-0.10	144.49	-0.63
52	24	410.65	7.77	17.38	-0.15	9.26	18.69
	34	-395.77	-7.77	-17.38	0.15	-52.37	0.59
53	24	410.74	-9.02	17.40	0.47	9.27	-21.52
	34	-395.86	9.02	-17.40	-0.47	-52.42	-0.86
54	24	410.65	6.43	17.39	0.22	9.26	15.59
	34	-395.77	-6.43	-17.39	-0.22	-52.38	0.36
55	24	410.73	-7.68	17.40	0.09	9.27	-18.42
	34	-395.85	7.68	-17.40	-0.09	-52.41	-0.63
56	24	414.33	9.02	-37.74	-0.47	-50.92	21.52
	34	-399.45	-9.02	37.74	0.47	144.52	0.86
57	24	414.42	-7.77	-37.73	0.15	-50.91	-18.69
	34	-399.54	7.77	37.73	-0.15	144.47	-0.59
58	24	414.34	7.68	-37.74	-0.09	-50.92	18.42
	34	-399.46	-7.68	37.74	0.09	144.51	0.63
59	24	414.42	-6.43	-37.73	-0.22	-50.91	-15.59
	34	-399.54	6.43	37.73	0.22	144.48	-0.36
60	24	411.83	28.18	-1.93	-1.08	-11.82	67.43
	34	-396.95	-28.18	1.93	1.08	16.60	2.45
61	24	412.93	27.81	-18.47	-0.99	-29.88	66.59
	34	-398.05	-27.81	18.47	0.99	75.68	2.37
62	24	411.83	27.81	-1.93	-0.99	-11.82	66.59
	34	-396.95	-27.81	1.93	0.99	16.61	2.37
63	24	412.93	28.18	-18.47	-1.08	-29.88	67.44
	34	-398.05	-28.18	18.47	1.08	75.67	2.45
64	24	412.14	-27.81	-1.88	0.99	-11.77	-66.59
	34	-397.26	27.81	1.88	-0.99	16.42	-2.37
65	24	413.24	-28.18	-18.41	1.08	-29.83	-67.43
	34	-398.36	28.18	18.41	-1.08	75.50	-2.45
66	24	412.14	-28.18	-1.88	1.08	-11.78	-67.44
	34	-397.26	28.18	1.88	-1.08	16.43	-2.45
67	24	413.25	-27.81	-18.41	0.99	-29.83	-66.59
	34	-398.37	27.81	18.41	-0.99	75.50	-2.37

68	24	411.85	23.70	-1.92	0.16	-11.81	57.10	
	34	-396.97	-23.70	1.92	-0.16	16.57	1.68	
69	24	412.95	23.33	-18.46	0.26	-29.87	56.26	
	34	-398.07	-23.33	18.46	-0.26	75.65	1.60	
70	24	411.85	23.33	-1.92	0.26	-11.81	56.26	
	34	-396.97	-23.33	1.92	-0.26	16.57	1.60	
71	24	412.95	23.71	-18.46	0.16	-29.87	57.11	
	34	-398.07	-23.71	18.46	-0.16	75.64	1.68	
72	24	412.12	-23.33	-1.88	-0.26	-11.78	-56.26	
	34	-397.24	23.33	1.88	0.26	16.46	-1.60	
73	24	413.22	-23.70	-18.42	-0.16	-29.84	-57.10	
	34	-398.34	23.70	18.42	0.16	75.53	-1.68	
74	24	412.12	-23.71	-1.89	-0.16	-11.78	-57.11	
	34	-397.24	23.71	1.89	0.16	16.46	-1.68	
75	24	413.23	-23.33	-18.42	-0.26	-29.84	-56.26	
	34	-398.35	23.33	18.42	0.26	75.53	-1.60	
16	1	16	-14.59	-0.43	29.48	1.26	16.03	0.56
	17	17	14.59	0.43	70.74	-1.26	84.86	-3.31
2	16	16	-18.68	-0.09	5.76	0.84	7.38	0.46
	17	17	18.68	0.09	20.26	-0.84	21.50	-1.05
3	16	16	-3.84	-0.04	0.66	0.05	2.96	0.05
	17	17	3.84	0.04	4.88	-0.05	5.66	-0.29
4	16	16	-4.24	-0.07	3.88	0.05	3.27	0.06
	17	17	4.24	0.07	11.61	-0.05	13.66	-0.54
5	16	16	8.89	0.00	-0.97	-0.01	2.40	-0.21
	17	17	-8.89	0.00	0.97	0.01	3.84	0.21
6	16	16	-5.24	-0.02	0.94	0.01	-2.36	0.11
	17	17	5.24	0.02	-0.94	-0.01	-3.66	-0.24
7	16	16	7.75	-0.31	0.90	0.17	-2.90	-1.25
	17	17	-7.75	0.31	-0.90	-0.17	-2.86	-0.76
8	16	16	-7.74	0.29	-0.86	-0.17	2.78	1.15
	17	17	7.74	-0.29	0.86	0.17	2.75	0.68
9	16	16	-44.20	-0.79	48.84	2.83	39.49	1.26
	17	17	44.20	0.79	135.19	-2.83	160.46	-6.30
10	16	16	-56.91	-0.81	50.56	2.85	35.20	1.54
	17	17	56.91	0.81	133.47	-2.85	153.72	-6.71
11	16	16	-45.23	-1.07	50.53	3.00	34.71	0.33
	17	17	45.23	1.07	133.51	-3.00	154.43	-7.17
12	16	16	-59.17	-0.53	48.94	2.69	39.83	2.49
	17	17	59.17	0.53	135.09	-2.69	159.48	-5.88
13	16	16	-41.63	-0.79	50.76	2.79	37.50	1.22
	17	17	41.63	0.79	136.58	-2.79	162.22	-6.27
14	16	16	-54.34	-0.81	52.48	2.80	33.22	1.51
	17	17	54.34	0.81	134.86	-2.80	155.48	-6.68
15	16	16	-42.65	-1.07	52.45	2.95	32.73	0.29
	17	17	42.65	1.07	134.89	-2.95	156.19	-7.15
16	16	16	-56.59	-0.53	50.86	2.64	37.84	2.45
	17	17	56.59	0.53	136.48	-2.64	161.24	-5.85
17	16	16	-33.11	-0.73	47.27	2.75	36.49	1.05

	17	33.11	0.73	128.46	-2.75	154.27	-5.74
18	16	-54.30	-0.76	50.14	2.77	29.35	1.53
	17	54.30	0.76	125.59	-2.77	143.03	-6.42
19	16	-34.82	-1.20	50.08	3.02	28.53	-0.50
	17	34.82	1.20	125.65	-3.02	144.22	-7.20
20	16	-58.06	-0.30	47.43	2.51	37.05	3.10
	17	58.06	0.30	128.30	-2.51	152.64	-5.04
21	16	-33.90	-0.59	37.26	2.17	29.45	0.97
	17	33.90	0.59	102.26	-2.17	121.16	-4.78
22	16	-42.38	-0.61	38.41	2.18	26.59	1.17
	17	42.38	0.61	101.11	-2.18	116.66	-5.05
23	16	-34.59	-0.78	38.38	2.28	26.26	0.35
	17	34.59	0.78	101.14	-2.28	117.14	-5.36
24	16	-43.88	-0.42	37.32	2.07	29.67	1.79
	17	43.88	0.42	102.20	-2.07	120.50	-4.50
25	16	-32.19	-0.60	38.54	2.14	28.12	0.95
	17	32.19	0.60	103.19	-2.14	122.33	-4.76
26	16	-40.66	-0.61	39.69	2.15	25.27	1.14
	17	40.66	0.61	102.04	-2.15	117.83	-5.03
27	16	-32.87	-0.78	39.67	2.25	24.94	0.33
	17	32.87	0.78	102.06	-2.25	118.31	-5.35
28	16	-42.17	-0.42	38.61	2.04	28.35	1.77
	17	42.17	0.42	103.12	-2.04	121.67	-4.48
29	16	-26.51	-0.56	36.21	2.11	27.45	0.83
	17	26.51	0.56	97.77	-2.11	117.03	-4.41
30	16	-40.64	-0.58	38.12	2.13	22.69	1.15
	17	40.64	0.58	95.86	-2.13	109.54	-4.86
31	16	-27.65	-0.87	38.09	2.29	22.14	-0.20
	17	27.65	0.87	95.90	-2.29	110.33	-5.38
32	16	-43.14	-0.27	36.32	1.95	27.82	2.20
	17	43.14	0.27	97.66	-1.95	115.94	-3.94
33	16	-33.28	-0.52	35.24	2.10	23.41	1.02
	17	33.28	0.52	91.00	-2.10	106.36	-4.35
34	16	-34.13	-0.54	36.02	2.11	24.06	1.03
	17	34.13	0.54	93.32	-2.11	109.09	-4.46
35	16	-31.50	-0.52	35.05	2.10	23.89	0.97
	17	31.50	0.52	91.19	-2.10	107.13	-4.31
36	16	-34.33	-0.53	35.43	2.10	22.94	1.04
	17	34.33	0.53	90.81	-2.10	105.63	-4.40
37	16	-31.73	-0.58	35.42	2.13	22.83	0.77
	17	31.73	0.58	90.82	-2.13	105.79	-4.50
38	16	-34.83	-0.46	35.07	2.06	23.96	1.25
	17	34.83	0.46	91.17	-2.06	106.91	-4.22
39	16	-33.28	-0.52	35.24	2.10	23.41	1.02
	17	33.28	0.52	91.00	-2.10	106.36	-4.35
40	16	32.73	1.49	-18.79	-0.36	47.54	1.32
	17	-32.73	-1.49	18.79	0.36	72.71	8.21
41	16	24.41	1.31	-22.04	0.28	56.01	1.44
	17	-24.41	-1.31	22.04	-0.28	85.05	6.92
42	16	-5.59	-1.06	6.91	0.69	-23.86	-3.61

	17	5.59	1.06	-6.91	-0.69	-20.37	-3.15
43	16	-11.95	-1.65	9.87	0.34	-32.97	-4.62
	17	11.95	1.65	-9.87	-0.34	-30.20	-5.94
44	16	-2.23	0.65	18.53	1.95	63.79	1.25
	17	2.23	-0.65	107.71	-1.95	172.96	2.91
45	16	1.13	1.28	14.38	1.53	78.10	3.42
	17	-1.13	-1.28	111.86	-1.53	185.19	4.80
46	16	-4.14	0.47	19.42	1.84	61.06	0.95
	17	4.14	-0.47	106.82	-1.84	170.01	2.07
47	16	3.04	1.46	13.49	1.64	80.84	3.72
	17	-3.04	-1.46	112.75	-1.64	188.14	5.64
48	16	-67.69	-2.33	56.11	2.67	-31.29	-1.39
	17	67.69	2.33	70.13	-2.67	27.54	-13.50
49	16	-64.33	-1.69	51.96	2.25	-16.97	0.78
	17	64.33	1.69	74.28	-2.25	39.76	-11.62
50	16	-69.59	-2.51	56.99	2.56	-34.02	-1.69
	17	69.59	2.51	69.25	-2.56	24.59	-14.34
51	16	-62.42	-1.52	51.07	2.36	-14.24	1.08
	17	62.42	1.52	75.17	-2.36	42.71	-10.78
52	16	-10.55	0.47	15.28	2.58	72.26	1.37
	17	10.55	-0.47	110.96	-2.58	185.30	1.63
53	16	-7.19	1.10	11.13	2.17	86.57	3.54
	17	7.19	-1.10	115.11	-2.17	197.52	3.51
54	16	-12.45	0.29	16.16	2.48	69.52	1.07
	17	12.45	-0.29	110.08	-2.48	182.35	0.79
55	16	-5.28	1.28	10.24	2.27	89.31	3.84
	17	5.28	-1.28	116.00	-2.27	200.47	4.35
56	16	-59.37	-2.14	59.36	2.03	-39.76	-1.51
	17	59.37	2.14	66.88	-2.03	15.20	-12.22
57	16	-56.01	-1.51	55.21	1.62	-25.44	0.66
	17	56.01	1.51	71.03	-1.62	27.42	-10.33
58	16	-61.28	-2.32	60.25	1.93	-42.49	-1.81
	17	61.28	2.32	65.99	-1.93	12.25	-13.06
59	16	-54.10	-1.33	54.32	1.72	-22.71	0.97
	17	54.10	1.33	71.92	-1.72	30.37	-9.49
60	16	-29.05	-1.13	36.52	2.68	13.81	-2.20
	17	29.05	1.13	89.72	-2.68	107.81	-5.04
61	16	-48.69	-2.02	47.79	2.90	-14.71	-2.99
	17	48.69	2.02	78.45	-2.90	64.18	-9.96
62	16	-31.55	-1.19	35.54	2.87	16.35	-2.17
	17	31.55	1.19	90.70	-2.87	111.51	-5.42
63	16	-46.19	-1.97	48.77	2.71	-17.25	-3.03
	17	46.19	1.97	77.47	-2.71	60.48	-9.57
64	16	-17.87	0.98	22.70	1.30	61.53	5.02
	17	17.87	-0.98	103.54	-1.30	148.54	1.25
65	16	-37.51	0.09	33.97	1.52	33.00	4.23
	17	37.51	-0.09	92.27	-1.52	104.91	-3.67
66	16	-20.36	0.93	21.72	1.49	64.07	5.06
	17	20.36	-0.93	104.52	-1.49	152.24	0.87
67	16	-35.01	0.14	34.95	1.33	30.46	4.20

		17	35.01	-0.14	91.29	-1.33	101.21	-3.28
68		16	-35.41	-1.73	39.48	2.33	4.70	-3.21
		17	35.41	1.73	86.76	-2.33	97.97	-7.83
69		16	-55.05	-2.62	50.75	2.55	-23.82	-4.00
		17	55.05	2.62	75.49	-2.55	54.34	-12.76
70		16	-37.91	-1.78	38.50	2.52	7.24	-3.18
		17	37.91	1.78	87.74	-2.52	101.67	-8.22
71		16	-52.56	-2.56	51.73	2.35	-26.37	-4.04
		17	52.56	2.56	74.51	-2.35	50.64	-12.37
72		16	-11.51	1.58	19.74	1.65	70.64	6.03
		17	11.51	-1.58	106.50	-1.65	158.38	4.05
73		16	-31.14	0.68	31.01	1.87	42.12	5.24
		17	31.14	-0.68	95.23	-1.87	114.75	-0.87
74		16	-14.00	1.52	18.76	1.84	73.18	6.07
		17	14.00	-1.52	107.48	-1.84	162.08	3.67
75		16	-28.65	0.74	31.98	1.68	39.58	5.21
		17	28.65	-0.74	94.26	-1.68	111.05	-0.49
17	1	17	-11.62	-1.35	65.51	0.05	-73.90	-5.45
		18	11.62	1.35	62.89	-0.05	65.61	-3.11
2		17	-15.00	-0.46	21.57	0.05	-23.96	-1.87
		18	15.00	0.46	20.53	-0.05	20.66	-1.05
3		17	-3.14	-0.13	5.11	0.00	-5.67	-0.54
		18	3.14	0.13	4.92	0.00	5.06	-0.30
4		17	-3.40	-0.23	11.48	-0.01	-12.72	-0.93
		18	3.40	0.23	11.12	0.01	11.59	-0.54
5		17	4.10	0.11	-1.60	0.00	5.24	0.40
		18	-4.10	-0.11	1.60	0.00	4.90	0.28
6		17	-0.61	-0.09	1.58	0.00	-5.17	-0.35
		18	0.61	0.09	-1.58	0.00	-4.86	-0.25
7		17	10.62	-1.23	-0.11	0.25	0.83	-3.46
		18	-10.62	1.23	0.11	-0.25	-0.15	-4.37
8		17	-10.55	1.24	0.11	-0.25	-0.82	3.48
		18	10.55	-1.24	-0.11	0.25	0.14	4.38
9		17	-38.16	-2.63	128.04	0.13	-140.56	-10.66
		18	38.16	2.63	125.61	-0.13	132.83	-6.02
10		17	-42.40	-2.81	130.90	0.13	-149.93	-11.34
		18	42.40	2.81	122.75	-0.13	124.05	-6.50
11		17	-32.29	-3.83	129.38	0.35	-144.52	-14.14
		18	32.29	3.83	124.27	-0.35	128.28	-10.21
12		17	-51.35	-1.61	129.58	-0.10	-146.01	-7.89
		18	51.35	1.61	124.08	0.10	128.55	-2.34
13		17	-36.00	-2.60	128.98	0.12	-141.60	-10.55
		18	36.00	2.60	126.57	-0.12	133.94	-5.97
14		17	-40.24	-2.78	131.84	0.12	-150.97	-11.23
		18	40.24	2.78	123.71	-0.12	125.16	-6.45
15		17	-30.14	-3.81	130.32	0.34	-145.56	-14.03
		18	30.14	3.81	125.23	-0.34	129.39	-10.16
16		17	-49.19	-1.59	130.52	-0.10	-147.05	-7.78
		18	49.19	1.59	125.04	0.10	129.66	-2.28

17	17	-30.99	-2.36	119.41	0.13	-128.91	-9.61
	18	30.99	2.36	119.19	-0.13	128.19	-5.40
18	17	-38.06	-2.67	124.18	0.13	-144.53	-10.75
	18	38.06	2.67	114.42	-0.13	113.55	-6.20
19	17	-21.21	-4.38	121.65	0.50	-135.52	-15.41
	18	21.21	4.38	116.95	-0.50	120.61	-12.38
20	17	-52.97	-0.67	121.97	-0.24	-138.00	-5.00
	18	52.97	0.67	116.63	0.24	121.05	0.74
21	17	-28.99	-1.99	96.97	0.10	-106.75	-8.08
	18	28.99	1.99	94.86	-0.10	100.06	-4.57
22	17	-31.82	-2.11	98.88	0.10	-113.00	-8.54
	18	31.82	2.11	92.96	-0.10	94.20	-4.89
23	17	-25.08	-2.80	97.87	0.25	-109.40	-10.40
	18	25.08	2.80	93.97	-0.25	97.02	-7.36
24	17	-37.78	-1.32	97.99	-0.05	-110.39	-6.24
	18	37.78	1.32	93.84	0.05	97.20	-2.11
25	17	-27.55	-1.98	97.60	0.10	-107.45	-8.01
	18	27.55	1.98	95.50	-0.10	100.79	-4.53
26	17	-30.38	-2.10	99.50	0.10	-113.69	-8.46
	18	30.38	2.10	93.60	-0.10	94.94	-4.85
27	17	-23.64	-2.78	98.49	0.24	-110.09	-10.33
	18	23.64	2.78	94.61	-0.24	97.76	-7.33
28	17	-36.34	-1.30	98.62	-0.05	-111.08	-6.16
	18	36.34	1.30	94.48	0.05	97.94	-2.08
29	17	-24.21	-1.82	91.22	0.10	-98.99	-7.39
	18	24.21	1.82	90.58	-0.10	96.96	-4.15
30	17	-28.92	-2.02	94.40	0.10	-109.40	-8.14
	18	28.92	2.02	87.40	-0.10	87.20	-4.69
31	17	-17.69	-3.16	92.71	0.34	-103.39	-11.25
	18	17.69	3.16	89.09	-0.34	91.91	-8.81
32	17	-38.86	-0.69	92.92	-0.15	-105.05	-4.31
	18	38.86	0.69	88.88	0.15	92.20	-0.06
33	17	-26.61	-1.81	87.08	0.10	-97.87	-7.33
	18	26.61	1.81	83.42	-0.10	86.27	-4.17
34	17	-27.29	-1.86	89.37	0.10	-100.41	-7.51
	18	27.29	1.86	85.65	-0.10	88.58	-4.28
35	17	-25.79	-1.79	86.76	0.10	-96.82	-7.24
	18	25.79	1.79	83.74	-0.10	87.25	-4.11
36	17	-26.73	-1.83	87.39	0.10	-98.90	-7.40
	18	26.73	1.83	83.11	-0.10	85.29	-4.22
37	17	-24.49	-2.06	87.05	0.15	-97.70	-8.02
	18	24.49	2.06	83.44	-0.15	86.23	-5.04
38	17	-28.72	-1.56	87.10	0.05	-98.03	-6.63
	18	28.72	1.56	83.40	-0.05	86.29	-3.29
39	17	-26.61	-1.81	87.08	0.10	-97.87	-7.33
	18	26.61	1.81	83.42	-0.10	86.27	-4.17
40	17	11.57	0.77	-32.91	0.12	107.62	2.64
	18	-11.57	-0.77	32.91	-0.12	101.36	2.26
41	17	9.37	4.74	-36.31	-0.17	118.79	16.48
	18	-9.37	-4.74	36.31	0.17	111.80	13.64

42	17	1.26	0.78	-0.38	0.37	3.55	2.31
	18	-1.26	-0.78	0.38	-0.37	-1.11	2.65
43	17	0.25	3.87	2.56	-0.92	-5.50	13.25
	18	-0.25	-3.87	-2.56	0.92	-10.77	11.33
44	17	-14.66	-0.80	54.05	0.33	10.82	-3.99
	18	14.66	0.80	116.45	-0.33	187.29	-1.11
45	17	-15.42	-1.27	54.28	0.11	8.69	-5.37
	18	15.42	1.27	116.22	-0.11	187.95	-2.70
46	17	-14.97	0.12	54.93	-0.05	8.10	-0.71
	18	14.97	-0.12	115.56	0.05	184.39	1.49
47	17	-15.12	-2.20	53.40	0.50	11.40	-8.66
	18	15.12	2.20	117.10	-0.50	190.85	-5.31
48	17	-37.80	-2.35	119.87	0.09	-204.42	-9.28
	18	37.80	2.35	50.63	-0.09	-15.42	-5.63
49	17	-38.56	-2.82	120.10	-0.13	-206.55	-10.66
	18	38.56	2.82	50.40	0.13	-14.76	-7.23
50	17	-38.11	-1.42	120.75	-0.30	-207.14	-5.99
	18	38.11	1.42	49.74	0.30	-18.32	-3.03
51	17	-38.26	-3.74	119.22	0.26	-203.84	-13.94
	18	38.26	3.74	51.28	-0.26	-11.86	-9.83
52	17	-16.86	3.17	50.65	0.04	21.99	9.85
	18	16.86	-3.17	119.85	-0.04	197.74	10.27
53	17	-17.62	2.70	50.88	-0.18	19.86	8.46
	18	17.62	-2.70	119.62	0.18	198.40	8.68
54	17	-17.16	4.10	51.53	-0.34	19.27	13.13
	18	17.16	-4.10	118.97	0.34	194.84	12.88
55	17	-17.31	1.77	49.99	0.21	22.57	5.18
	18	17.31	-1.77	120.50	-0.21	201.30	6.08
56	17	-35.61	-6.32	123.27	0.38	-215.59	-23.11
	18	35.61	6.32	47.22	-0.38	-25.87	-17.02
57	17	-36.37	-6.79	123.51	0.16	-217.72	-24.50
	18	36.37	6.79	46.99	-0.16	-25.21	-18.61
58	17	-35.91	-5.39	124.16	-0.01	-218.31	-19.83
	18	35.91	5.39	46.34	0.01	-28.77	-14.41
59	17	-36.06	-7.72	122.62	0.55	-215.01	-27.78
	18	36.06	7.72	47.88	-0.55	-22.31	-21.21
60	17	-21.88	-0.80	76.82	0.51	-62.04	-4.23
	18	21.88	0.80	93.68	-0.51	115.57	-0.84
61	17	-28.82	-1.26	96.56	0.44	-126.61	-5.81
	18	28.82	1.26	73.93	-0.44	54.75	-2.19
62	17	-22.54	0.39	75.80	0.42	-58.68	-0.08
	18	22.54	-0.39	94.70	-0.42	118.70	2.58
63	17	-28.16	-2.45	97.59	0.52	-129.96	-9.96
	18	28.16	2.45	72.91	-0.52	51.62	-5.61
64	17	-24.40	-2.36	77.59	-0.24	-69.13	-8.84
	18	24.40	2.36	92.91	0.24	117.78	-6.14
65	17	-31.35	-2.82	97.33	-0.31	-133.70	-10.43
	18	31.35	2.82	73.16	0.31	56.96	-7.50
66	17	-25.06	-1.17	76.57	-0.32	-65.78	-4.69
	18	25.06	1.17	93.93	0.32	120.91	-2.73

67	17	-30.69	-4.01	98.35	-0.22	-137.05	-14.58
	18	30.69	4.01	72.14	0.22	53.83	-10.91
68	17	-22.89	2.29	79.76	-0.79	-71.08	6.72
	18	22.89	-2.29	90.73	0.79	105.91	7.84
69	17	-29.84	1.83	99.51	-0.86	-135.65	5.14
	18	29.84	-1.83	70.99	0.86	45.09	6.49
70	17	-23.55	3.49	78.74	-0.87	-67.73	10.87
	18	23.55	-3.49	91.75	0.87	109.04	11.26
71	17	-29.18	0.64	100.53	-0.77	-139.00	0.98
	18	29.18	-0.64	69.97	0.77	41.96	3.07
72	17	-23.39	-5.45	74.64	1.06	-60.09	-19.79
	18	23.39	5.45	95.86	-1.06	127.44	-14.82
73	17	-30.33	-5.91	94.39	0.99	-124.66	-21.37
	18	30.33	5.91	76.11	-0.99	66.62	-16.18
74	17	-24.05	-4.26	73.62	0.97	-56.73	-15.64
	18	24.05	4.26	96.88	-0.97	130.57	-11.41
75	17	-29.67	-7.11	95.41	1.07	-128.01	-25.52
	18	29.67	7.11	75.09	-1.07	63.49	-19.59

18	1	18	-11.62	1.35	62.89	-0.05	-65.61	3.11
		19	11.62	-1.35	65.50	0.05	73.90	5.45
	2	18	-14.99	0.46	20.53	-0.05	-20.66	1.06
		19	14.99	-0.46	21.57	0.05	23.96	1.88
	3	18	-3.14	0.13	4.92	0.00	-5.06	0.30
		19	3.14	-0.13	5.11	0.00	5.67	0.54
	4	18	-3.40	0.23	11.12	0.01	-11.59	0.54
		19	3.40	-0.23	11.48	-0.01	12.72	0.93
	5	18	-0.77	0.09	-1.56	0.00	4.83	0.25
		19	0.77	-0.09	1.56	0.00	5.10	0.34
	6	18	4.26	-0.11	1.58	0.00	-4.87	-0.28
		19	-4.26	0.11	-1.58	0.00	-5.17	-0.39
	7	18	10.62	1.24	0.11	-0.25	0.14	4.38
		19	-10.62	-1.24	-0.11	0.25	-0.85	3.48
	8	18	-10.55	-1.24	-0.11	0.25	-0.13	-4.39
		19	10.55	1.24	0.11	-0.25	0.83	-3.50
	9	18	-42.54	2.81	122.77	-0.13	-124.09	6.50
		19	42.54	-2.81	130.88	0.13	149.85	11.34
	10	18	-38.01	2.63	125.60	-0.13	-132.82	6.03
		19	38.01	-2.63	128.05	0.13	140.61	10.67
	11	18	-32.29	3.84	124.28	-0.35	-128.31	10.23
		19	32.29	-3.84	129.37	0.35	144.50	14.15
	12	18	-51.35	1.61	124.08	0.10	-128.55	2.33
		19	51.35	-1.61	129.58	-0.10	146.01	7.88
	13	18	-40.38	2.78	123.73	-0.12	-125.19	6.45
		19	40.38	-2.78	131.82	0.12	150.89	11.23
	14	18	-35.85	2.60	126.56	-0.12	-133.93	5.98
		19	35.85	-2.60	128.99	0.12	141.65	10.56
	15	18	-30.13	3.81	125.24	-0.34	-129.42	10.17
		19	30.13	-3.81	130.32	0.34	145.54	14.05
	16	18	-49.19	1.58	125.04	0.10	-129.66	2.28

	19	49.19	-1.58	130.52	-0.10	147.05	7.77
17	18	-38.29	2.67	114.45	-0.13	-113.60	6.19
	19	38.29	-2.67	124.15	0.13	144.41	10.74
18	18	-30.75	2.37	119.17	-0.13	-128.16	5.41
	19	30.75	-2.37	119.43	0.13	129.01	9.63
19	18	-21.21	4.38	116.96	-0.50	-120.64	12.40
	19	21.21	-4.38	121.64	0.50	135.48	15.44
20	18	-52.97	0.67	116.63	0.24	-121.04	-0.76
	19	52.97	-0.67	121.97	-0.24	138.01	4.98
21	18	-31.91	2.11	92.97	-0.10	-94.23	4.89
	19	31.91	-2.11	98.86	0.10	112.95	8.53
22	18	-28.89	2.00	94.86	-0.10	-100.05	4.58
	19	28.89	-2.00	96.98	0.10	106.79	8.09
23	18	-25.07	2.80	93.97	-0.25	-97.04	7.37
	19	25.07	-2.80	97.86	0.25	109.38	10.41
24	18	-37.78	1.31	93.84	0.05	-97.20	2.11
	19	37.78	-1.31	97.99	-0.05	110.39	6.23
25	18	-30.47	2.10	93.61	-0.10	-94.97	4.85
	19	30.47	-2.10	99.49	0.10	113.64	8.46
26	18	-27.45	1.98	95.50	-0.10	-100.79	4.54
	19	27.45	-1.98	97.61	0.10	107.48	8.02
27	18	-23.63	2.78	94.62	-0.24	-97.78	7.34
	19	23.63	-2.78	98.49	0.24	110.07	10.34
28	18	-36.34	1.30	94.48	0.05	-97.94	2.08
	19	36.34	-1.30	98.62	-0.05	111.08	6.16
29	18	-29.08	2.02	87.42	-0.10	-87.24	4.68
	19	29.08	-2.02	94.38	0.10	109.32	8.14
30	18	-24.05	1.82	90.57	-0.10	-96.94	4.16
	19	24.05	-1.82	91.23	0.10	99.05	7.40
31	18	-17.69	3.16	89.10	-0.34	-91.93	8.82
	19	17.69	-3.16	92.70	0.34	103.37	11.27
32	18	-38.86	0.68	88.88	0.15	-92.20	0.05
	19	38.86	-0.68	92.92	-0.15	105.05	4.30
33	18	-26.61	1.81	83.42	-0.10	-86.27	4.17
	19	26.61	-1.81	87.07	0.10	97.86	7.33
34	18	-27.29	1.86	85.65	-0.10	-88.59	4.28
	19	27.29	-1.86	89.37	0.10	100.40	7.51
35	18	-26.76	1.83	83.11	-0.10	-85.31	4.22
	19	26.76	-1.83	87.39	0.10	98.88	7.40
36	18	-25.76	1.79	83.74	-0.10	-87.25	4.12
	19	25.76	-1.79	86.76	0.10	96.83	7.25
37	18	-24.49	2.06	83.45	-0.15	-86.25	5.05
	19	24.49	-2.06	87.05	0.15	97.69	8.02
38	18	-28.72	1.56	83.40	-0.05	-86.30	3.29
	19	28.72	-1.56	87.10	0.05	98.03	6.63
39	18	-26.61	1.81	83.42	-0.10	-86.27	4.17
	19	26.61	-1.81	87.07	0.10	97.86	7.33
40	18	-14.75	0.73	-32.60	0.12	100.80	2.19
	19	14.75	-0.73	32.60	-0.12	106.19	2.47
41	18	-12.99	4.70	-35.96	-0.17	111.17	13.54

	19	12.99	-4.70	35.96	0.17	117.15	16.27
42	18	0.14	-3.84	-2.52	0.92	10.64	-11.25
	19	-0.14	3.84	2.52	-0.92	5.33	-13.16
43	18	1.39	-0.75	0.41	-0.37	1.02	-2.56
	19	-1.39	0.75	-0.41	0.37	-3.60	-2.19
44	18	-41.32	1.39	50.07	0.30	17.72	2.98
	19	41.32	-1.39	120.42	-0.30	205.65	5.85
45	18	-41.41	3.70	51.58	-0.26	11.33	9.73
	19	41.41	-3.70	118.91	0.26	202.45	13.74
46	18	-40.94	2.32	50.95	-0.09	14.83	5.59
	19	40.94	-2.32	119.55	0.09	202.97	9.14
47	18	-41.78	2.77	50.71	0.13	14.22	7.13
	19	41.78	-2.77	119.79	-0.13	205.13	10.45
48	18	-11.81	-0.08	115.27	0.05	-183.88	-1.39
	19	11.81	0.08	55.23	-0.05	-6.73	0.91
49	18	-11.90	2.23	116.77	-0.50	-190.26	5.36
	19	11.90	-2.23	53.72	0.50	-9.93	8.81
50	18	-11.44	0.85	116.14	-0.33	-186.76	1.22
	19	11.44	-0.85	54.36	0.33	-9.41	4.20
51	18	-12.28	1.30	115.90	-0.11	-187.38	2.75
	19	12.28	-1.30	54.60	0.11	-7.25	5.52
52	18	-39.56	5.35	46.71	0.01	28.09	14.34
	19	39.56	-5.35	123.78	-0.01	216.61	19.65
53	18	-39.64	7.66	48.22	-0.55	21.70	21.09
	19	39.64	-7.66	122.27	0.55	213.41	27.55
54	18	-39.18	6.28	47.59	-0.38	25.20	16.95
	19	39.18	-6.28	122.91	0.38	213.93	22.94
55	18	-40.02	6.73	47.35	-0.16	24.59	18.48
	19	40.02	-6.73	123.15	0.16	216.09	24.26
56	18	-13.58	-4.04	118.62	0.34	-194.25	-12.75
	19	13.58	4.04	51.87	-0.34	-17.69	-12.89
57	18	-13.66	-1.73	120.13	-0.21	-200.63	-6.00
	19	13.66	1.73	50.36	0.21	-20.89	-4.99
58	18	-13.20	-3.11	119.50	-0.04	-197.13	-10.14
	19	13.20	3.11	51.00	0.04	-20.37	-9.60
59	18	-14.04	-2.66	119.26	0.18	-197.75	-8.61
	19	14.04	2.66	51.24	-0.18	-18.21	-8.28
60	18	-30.89	-1.81	71.13	0.86	-45.39	-6.43
	19	30.89	1.81	99.37	-0.86	135.05	-5.09
61	18	-22.04	-2.25	90.69	0.78	-105.87	-7.74
	19	22.04	2.25	79.81	-0.78	71.33	-6.57
62	18	-30.36	-0.62	70.12	0.77	-42.28	-3.02
	19	30.36	0.62	100.38	-0.77	138.33	-0.95
63	18	-22.57	-3.44	91.70	0.87	-108.98	-11.15
	19	22.57	3.44	78.80	-0.87	68.04	-10.71
64	18	-31.18	5.87	76.16	-0.99	-66.68	16.08
	19	31.18	-5.87	94.34	0.99	124.38	21.23
65	18	-22.33	5.44	95.72	-1.06	-127.15	14.77
	19	22.33	-5.44	74.78	1.06	60.67	19.74
66	18	-30.65	7.06	75.15	-1.07	-63.56	19.49

		19	30.65	-7.06	95.34	1.07	127.67	25.37
67		18	-22.86	4.25	96.73	-0.97	-130.27	11.36
		19	22.86	-4.25	73.77	0.97	57.38	15.60
68		18	-29.64	1.28	74.05	-0.44	-55.01	2.27
		19	29.64	-1.28	96.45	0.44	126.12	5.88
69		18	-20.79	0.84	93.61	-0.51	-115.49	0.95
		19	20.79	-0.84	76.89	0.51	62.41	4.40
70		18	-29.11	2.47	73.04	-0.53	-51.90	5.67
		19	29.11	-2.47	97.45	0.53	129.41	10.02
71		18	-21.32	-0.35	94.62	-0.43	-118.60	-2.45
		19	21.32	0.35	75.88	0.43	59.12	0.26
72		18	-32.43	2.78	73.24	0.31	-57.06	7.39
		19	32.43	-2.78	97.26	-0.31	133.31	10.26
73		18	-23.58	2.34	92.80	0.24	-117.54	6.08
		19	23.58	-2.34	77.70	-0.24	69.60	8.78
74		18	-31.90	3.97	72.23	0.22	-53.95	10.79
		19	31.90	-3.97	98.27	-0.22	136.60	14.40
75		18	-24.11	1.15	93.81	0.32	-120.65	2.67
		19	24.11	-1.15	76.69	-0.32	66.31	4.64
19	1	19	-14.59	0.43	70.74	-1.26	-84.86	3.31
		20	14.59	-0.43	29.48	1.26	-16.03	-0.56
	2	19	-18.68	0.09	20.26	-0.84	-21.51	1.05
		20	18.68	-0.09	5.76	0.84	-7.38	-0.45
	3	19	-3.84	0.04	4.88	-0.05	-5.66	0.29
		20	3.84	-0.04	0.66	0.05	-2.96	-0.05
	4	19	-4.24	0.07	11.61	-0.05	-13.67	0.54
		20	4.24	-0.07	3.88	0.05	-3.27	-0.06
	5	19	-5.31	0.02	-0.91	-0.01	3.57	0.23
		20	5.31	-0.02	0.91	0.01	2.28	-0.11
	6	19	8.95	0.00	0.95	0.01	-3.75	-0.20
		20	-8.95	0.00	-0.95	-0.01	-2.32	0.22
	7	19	7.75	0.31	-0.90	-0.17	2.86	0.76
		20	-7.75	-0.31	0.90	0.17	2.90	1.25
	8	19	-7.75	-0.29	0.86	0.17	-2.74	-0.68
		20	7.75	0.29	-0.86	-0.17	-2.78	-1.15
	9	19	-56.96	0.81	133.50	-2.85	-153.81	6.70
		20	56.96	-0.81	50.54	2.85	-35.28	-1.55
	10	19	-44.13	0.79	135.17	-2.83	-160.40	6.31
		20	44.13	-0.79	48.86	2.83	-39.42	-1.25
	11	19	-45.21	1.07	133.51	-3.00	-154.45	7.17
		20	45.21	-1.07	50.52	3.00	-34.72	-0.32
	12	19	-59.16	0.53	135.10	-2.69	-159.49	5.88
		20	59.16	-0.53	48.94	2.69	-39.83	-2.48
	13	19	-54.39	0.81	134.88	-2.80	-155.56	6.67
		20	54.39	-0.81	52.46	2.80	-33.29	-1.51
	14	19	-41.55	0.79	136.56	-2.79	-162.15	6.28
		20	41.55	-0.79	50.78	2.79	-37.44	-1.22
	15	19	-42.63	1.07	134.90	-2.95	-156.20	7.15
		20	42.63	-1.07	52.45	2.95	-32.73	-0.29

16	19	-56.59	0.53	136.48	-2.64	-161.24	5.86
	20	56.59	-0.53	50.86	2.64	-37.84	-2.45
17	19	-54.40	0.76	125.63	-2.78	-143.17	6.41
	20	54.40	-0.76	50.10	2.78	-29.47	-1.53
18	19	-33.00	0.74	128.43	-2.75	-154.15	5.76
	20	33.00	-0.74	47.30	2.75	-36.37	-1.04
19	19	-34.80	1.20	125.65	-3.02	-144.24	7.20
	20	34.80	-1.20	50.08	3.02	-28.54	0.51
20	19	-58.06	0.30	128.30	-2.51	-152.64	5.05
	20	58.06	-0.30	47.43	2.51	-37.05	-3.10
21	19	-42.41	0.61	101.13	-2.18	-116.72	5.05
	20	42.41	-0.61	38.39	2.18	-26.64	-1.17
22	19	-33.85	0.60	102.25	-2.17	-121.11	4.79
	20	33.85	-0.60	37.27	2.17	-29.40	-0.97
23	19	-34.57	0.78	101.14	-2.28	-117.15	5.36
	20	34.57	-0.78	38.38	2.28	-26.27	-0.35
24	19	-43.88	0.42	102.20	-2.07	-120.51	4.50
	20	43.88	-0.42	37.32	2.07	-29.67	-1.79
25	19	-40.70	0.61	102.06	-2.15	-117.89	5.03
	20	40.70	-0.61	39.67	2.15	-25.32	-1.14
26	19	-32.14	0.60	103.17	-2.14	-122.28	4.77
	20	32.14	-0.60	38.55	2.14	-28.08	-0.95
27	19	-32.86	0.78	102.06	-2.25	-118.32	5.35
	20	32.86	-0.78	39.66	2.25	-24.94	-0.33
28	19	-42.16	0.42	103.12	-2.04	-121.68	4.49
	20	42.16	-0.42	38.61	2.04	-28.35	-1.77
29	19	-40.70	0.58	95.89	-2.13	-109.63	4.85
	20	40.70	-0.58	38.10	2.13	-22.77	-1.16
30	19	-26.44	0.56	97.75	-2.11	-116.95	4.42
	20	26.44	-0.56	36.23	2.11	-27.37	-0.83
31	19	-27.64	0.87	95.90	-2.29	-110.34	5.38
	20	27.64	-0.87	38.08	2.29	-22.15	0.20
32	19	-43.14	0.27	97.66	-1.95	-115.94	3.95
	20	43.14	-0.27	36.32	1.95	-27.82	-2.20
33	19	-33.27	0.52	91.00	-2.10	-106.37	4.35
	20	33.27	-0.52	35.24	2.10	-23.41	-1.01
34	19	-34.12	0.54	93.32	-2.11	-109.10	4.46
	20	34.12	-0.54	36.02	2.11	-24.07	-1.03
35	19	-34.33	0.53	90.81	-2.10	-105.65	4.40
	20	34.33	-0.53	35.43	2.10	-22.96	-1.04
36	19	-31.48	0.52	91.19	-2.10	-107.12	4.31
	20	31.48	-0.52	35.05	2.10	-23.88	-0.97
37	19	-31.72	0.58	90.82	-2.13	-105.80	4.51
	20	31.72	-0.58	35.42	2.13	-22.83	-0.76
38	19	-34.82	0.46	91.17	-2.07	-106.91	4.22
	20	34.82	-0.46	35.07	2.07	-23.97	-1.24
39	19	-33.27	0.52	91.00	-2.10	-106.37	4.35
	20	33.27	-0.52	35.24	2.10	-23.41	-1.01
40	19	-34.11	1.44	-18.28	-0.36	71.00	8.02
	20	34.11	-1.44	18.28	0.36	45.96	1.22

41	19	-25.97	1.26	-21.45	0.27	83.09	6.72
	20	25.97	-1.26	21.45	-0.27	54.21	1.34
42	19	-11.95	1.65	-9.84	-0.33	30.09	5.91
	20	11.95	-1.65	9.84	0.33	32.89	4.62
43	19	-5.49	1.05	-6.92	-0.68	20.39	3.12
	20	5.49	-1.05	6.92	0.68	23.90	3.61
44	19	-70.97	2.46	69.77	-2.56	-26.34	14.15
	20	70.97	-2.46	56.47	2.56	32.42	1.60
45	19	-63.80	1.47	75.67	-2.36	-44.39	10.60
	20	63.80	-1.47	50.57	2.36	12.69	-1.18
46	19	-69.03	2.28	70.65	-2.67	-29.25	13.31
	20	69.03	-2.28	55.59	2.67	29.72	1.29
47	19	-65.74	1.65	74.80	-2.26	-41.48	11.44
	20	65.74	-1.65	51.44	2.26	15.38	-0.87
48	19	-2.74	-0.43	106.32	-1.83	-168.34	-1.89
	20	2.74	0.43	19.92	1.83	-59.51	-0.85
49	19	4.43	-1.42	112.23	-1.63	-186.39	-5.44
	20	-4.43	1.42	14.01	1.63	-79.24	-3.62
50	19	-0.81	-0.61	107.20	-1.94	-171.25	-2.73
	20	0.81	0.61	19.04	1.94	-62.21	-1.16
51	19	2.49	-1.24	111.35	-1.53	-183.48	-4.60
	20	-2.49	1.24	14.89	1.53	-76.55	-3.32
52	19	-62.83	2.28	66.59	-1.93	-14.25	12.85
	20	62.83	-2.28	59.65	1.93	40.67	1.71
53	19	-55.65	1.29	72.50	-1.73	-32.31	9.31
	20	55.65	-1.29	53.74	1.73	20.93	-1.06
54	19	-60.89	2.10	67.47	-2.03	-17.16	12.02
	20	60.89	-2.10	58.77	2.03	37.97	1.41
55	19	-57.59	1.47	71.62	-1.62	-29.40	10.14
	20	57.59	-1.47	54.62	1.62	23.63	-0.76
56	19	-10.89	-0.24	109.50	-2.47	-180.43	-0.60
	20	10.89	0.24	16.74	2.47	-67.76	-0.97
57	19	-3.72	-1.23	115.40	-2.27	-198.48	-4.14
	20	3.72	1.23	10.84	2.27	-87.49	-3.74
58	19	-8.95	-0.42	110.37	-2.57	-183.34	-1.43
	20	8.95	0.42	15.87	2.57	-70.45	-1.27
59	19	-5.65	-1.05	114.53	-2.17	-195.57	-3.31
	20	5.65	1.05	11.71	2.17	-84.79	-3.44
60	19	-55.46	2.60	75.67	-2.54	-54.97	12.68
	20	55.46	-2.60	50.57	2.54	23.27	3.97
61	19	-34.99	1.73	86.64	-2.32	-97.57	7.86
	20	34.99	-1.73	39.60	2.32	-4.31	3.24
62	19	-53.01	2.55	74.72	-2.35	-51.35	12.29
	20	53.01	-2.55	51.52	2.35	25.74	4.01
63	19	-37.43	1.79	87.59	-2.51	-101.20	8.25
	20	37.43	-1.79	38.65	2.51	-6.78	3.20
64	19	-31.55	-0.69	95.36	-1.88	-115.16	0.85
	20	31.55	0.69	30.88	1.88	-42.51	-5.27
65	19	-11.09	-1.56	106.32	-1.66	-157.76	-3.97
	20	11.09	1.56	19.92	1.66	-70.09	-6.00

66	19	-29.11	-0.75	94.40	-1.69	-111.53	0.46	
	20	29.11	0.75	31.84	1.69	-40.04	-5.23	
67	19	-13.53	-1.50	107.27	-1.85	-161.39	-3.58	
	20	13.53	1.50	18.97	1.85	-72.57	-6.04	
68	19	-49.00	2.01	78.59	-2.89	-64.68	9.88	
	20	49.00	-2.01	47.65	2.89	14.28	2.96	
69	19	-28.53	1.14	89.56	-2.67	-107.28	5.07	
	20	28.53	-1.14	36.68	2.67	-13.30	2.23	
70	19	-46.56	1.95	77.64	-2.70	-61.05	9.50	
	20	46.56	-1.95	48.60	2.70	16.75	3.00	
71	19	-30.98	1.20	90.51	-2.86	-110.90	5.46	
	20	30.98	-1.20	35.73	2.86	-15.78	2.19	
72	19	-38.01	-0.10	92.44	-1.53	-105.46	3.64	
	20	38.01	0.10	33.80	1.53	-33.52	-4.26	
73	19	-17.54	-0.96	103.40	-1.31	-148.06	-1.17	
	20	17.54	0.96	22.84	1.31	-61.10	-4.99	
74	19	-35.57	-0.15	91.48	-1.33	-101.83	3.25	
	20	35.57	0.15	34.76	1.33	-31.05	-4.22	
75	19	-19.99	-0.91	104.35	-1.50	-151.68	-0.79	
	20	19.99	0.91	21.89	1.50	-63.57	-5.02	
20	1	16	-15.34	-1.26	25.12	0.14	9.82	-2.77
	21	16	15.34	1.26	64.92	-0.14	79.47	-4.49
2	16	-18.77	-0.74	4.22	0.31	6.01	-1.76	
	21	18.77	0.74	19.15	-0.31	22.77	-2.52	
3	16	-3.67	-0.17	0.57	0.01	1.89	-0.42	
	21	3.67	0.17	4.40	-0.01	5.18	-0.54	
4	16	-4.00	-0.22	3.52	0.07	1.46	-0.51	
	21	4.00	0.22	10.39	-0.07	12.00	-0.74	
5	16	4.04	0.27	0.49	-0.33	-1.34	0.65	
	21	-4.04	-0.27	-0.49	0.33	-1.46	0.92	
6	16	-3.40	-0.18	-0.35	0.30	0.96	-0.40	
	21	3.40	0.18	0.35	-0.30	1.05	-0.61	
7	16	6.69	0.03	-3.88	0.11	12.19	0.36	
	21	-6.69	-0.03	3.88	-0.11	10.10	-0.16	
8	16	-3.26	-0.01	3.85	-0.11	-12.10	-0.29	
	21	3.26	0.01	-3.85	0.11	-10.04	0.24	
9	16	-49.22	-2.78	42.09	0.35	23.30	-6.31	
	21	49.22	2.78	123.25	-0.35	148.36	-9.66	
10	16	-55.91	-3.18	41.34	0.91	25.37	-7.26	
	21	55.91	3.18	124.00	-0.91	150.62	-11.04	
11	16	-46.83	-2.99	38.17	0.74	35.47	-6.57	
	21	46.83	2.99	127.17	-0.74	158.77	-10.64	
12	16	-55.78	-3.03	45.12	0.55	13.61	-7.15	
	21	55.78	3.03	120.22	-0.55	140.64	-10.28	
13	16	-46.72	-2.69	43.88	0.38	21.55	-6.07	
	21	46.72	2.69	124.44	-0.38	149.59	-9.41	
14	16	-53.41	-3.10	43.12	0.95	23.62	-7.01	
	21	53.41	3.10	125.19	-0.95	151.86	-10.79	
15	16	-44.33	-2.91	39.95	0.78	33.73	-6.32	

	21	44.33	2.91	128.37	-0.78	160.00	-10.38
16	16	-53.28	-2.94	46.90	0.58	11.87	-6.91
	21	53.28	2.94	121.41	-0.58	141.88	-10.03
17	16	-41.29	-2.36	41.53	0.13	19.65	-5.30
	21	41.29	2.36	116.35	-0.13	139.72	-8.30
18	16	-52.45	-3.04	40.27	1.08	23.11	-6.87
	21	52.45	3.04	117.61	-1.08	143.49	-10.60
19	16	-37.31	-2.72	34.98	0.79	39.95	-5.73
	21	37.31	2.72	122.90	-0.79	157.06	-9.92
20	16	-52.23	-2.79	46.57	0.47	3.52	-6.70
	21	52.23	2.79	111.31	-0.47	126.85	-9.33
21	16	-37.36	-2.12	31.98	0.29	17.64	-4.81
	21	37.36	2.12	93.37	-0.29	112.54	-7.38
22	16	-41.82	-2.39	31.47	0.67	19.02	-5.44
	21	41.82	2.39	93.88	-0.67	114.05	-8.30
23	16	-35.77	-2.26	29.36	0.55	25.76	-4.98
	21	35.77	2.26	95.99	-0.55	119.48	-8.03
24	16	-41.73	-2.29	33.99	0.42	11.19	-5.37
	21	41.73	2.29	91.36	-0.42	107.39	-7.79
25	16	-35.69	-2.06	33.17	0.31	16.48	-4.65
	21	35.69	2.06	94.17	-0.31	113.36	-7.21
26	16	-40.16	-2.33	32.66	0.69	17.86	-5.28
	21	40.16	2.33	94.67	-0.69	114.87	-8.13
27	16	-34.10	-2.20	30.55	0.58	24.59	-4.82
	21	34.10	2.20	96.79	-0.58	120.30	-7.86
28	16	-40.07	-2.23	35.18	0.45	10.02	-5.21
	21	40.07	2.23	92.15	-0.45	108.22	-7.62
29	16	-32.08	-1.84	31.60	0.15	15.21	-4.13
	21	32.08	1.84	88.78	-0.15	106.78	-6.47
30	16	-39.52	-2.29	30.76	0.78	17.52	-5.19
	21	39.52	2.29	89.62	-0.78	109.29	-8.00
31	16	-29.42	-2.08	27.23	0.59	28.74	-4.42
	21	29.42	2.08	93.14	-0.59	118.34	-7.55
32	16	-39.37	-2.13	34.96	0.37	4.45	-5.07
	21	39.37	2.13	85.42	-0.37	98.20	-7.15
33	16	-34.11	-2.01	29.35	0.45	15.83	-4.53
	21	34.11	2.01	84.07	-0.45	102.24	-7.02
34	16	-34.91	-2.05	30.05	0.46	16.12	-4.63
	21	34.91	2.05	86.15	-0.46	104.64	-7.17
35	16	-33.30	-1.95	29.45	0.38	15.56	-4.40
	21	33.30	1.95	83.97	-0.38	101.95	-6.83
36	16	-34.79	-2.04	29.28	0.51	16.02	-4.61
	21	34.79	2.04	84.14	-0.51	102.45	-7.14
37	16	-32.77	-2.00	28.57	0.47	18.26	-4.46
	21	32.77	2.00	84.85	-0.47	104.26	-7.05
38	16	-34.76	-2.01	30.12	0.43	13.41	-4.59
	21	34.76	2.01	83.30	-0.43	100.23	-6.97
39	16	-34.11	-2.01	29.35	0.45	15.83	-4.53
	21	34.11	2.01	84.07	-0.45	102.24	-7.02
40	16	41.17	1.39	3.29	-5.97	-8.76	2.84

	21	-41.17	-1.39	-3.29	5.97	-10.15	5.15
41	16	37.68	1.34	5.77	-5.90	-16.58	2.58
	21	-37.68	-1.34	-5.77	5.90	-16.58	5.13
42	16	4.96	-0.43	-38.43	0.22	120.49	0.30
	21	-4.96	0.43	38.43	-0.22	100.50	-2.78
43	16	4.02	-0.37	-48.08	0.20	150.65	0.99
	21	-4.02	0.37	48.08	-0.20	125.80	-3.10
44	16	8.54	-0.75	21.11	-5.45	43.21	-1.60
	21	-8.54	0.75	92.31	5.45	122.24	-2.70
45	16	5.57	-0.49	44.17	-5.58	-29.08	-1.78
	21	-5.57	0.49	69.25	5.58	61.94	-1.03
46	16	8.26	-0.73	18.21	-5.46	52.26	-1.39
	21	-8.26	0.73	95.21	5.46	129.83	-2.80
47	16	5.85	-0.51	47.06	-5.58	-38.13	-1.98
	21	-5.85	0.51	66.36	5.58	54.35	-0.94
48	16	-73.79	-3.53	14.53	6.48	60.74	-7.28
	21	73.79	3.53	98.89	-6.48	142.54	-13.00
49	16	-76.76	-3.27	37.59	6.35	-11.56	-7.46
	21	76.76	3.27	75.83	-6.35	82.24	-11.33
50	16	-74.07	-3.51	11.64	6.47	69.78	-7.07
	21	74.07	3.51	101.78	-6.47	150.13	-13.10
51	16	-76.48	-3.29	40.48	6.35	-20.60	-7.67
	21	76.48	3.29	72.94	-6.35	74.65	-11.24
52	16	5.06	-0.80	23.58	-5.38	35.40	-1.86
	21	-5.06	0.80	89.83	5.38	115.81	-2.72
53	16	2.09	-0.54	46.64	-5.52	-36.90	-2.04
	21	-2.09	0.54	66.77	5.52	55.51	-1.05
54	16	4.78	-0.78	20.69	-5.39	44.44	-1.65
	21	-4.78	0.78	92.73	5.39	123.40	-2.82
55	16	2.37	-0.56	49.54	-5.51	-45.94	-2.25
	21	-2.37	0.56	63.88	5.51	47.92	-0.96
56	16	-70.31	-3.48	12.05	6.41	68.55	-7.02
	21	70.31	3.48	101.37	-6.41	148.97	-12.98
57	16	-73.28	-3.22	35.11	6.28	-3.74	-7.20
	21	73.28	3.22	78.31	-6.28	88.67	-11.31
58	16	-70.59	-3.46	9.16	6.40	77.60	-6.81
	21	70.59	3.46	104.26	-6.40	156.56	-13.08
59	16	-73.00	-3.24	38.00	6.29	-12.79	-7.41
	21	73.00	3.24	75.41	-6.29	81.08	-11.22
60	16	-16.80	-2.02	-8.10	-1.12	133.69	-3.38
	21	16.80	2.02	121.52	1.12	199.70	-8.25
61	16	-41.50	-2.86	-10.07	2.46	138.95	-5.08
	21	41.50	2.86	123.49	-2.46	205.78	-11.35
62	16	-17.85	-2.04	-7.36	-1.10	131.34	-3.45
	21	17.85	2.04	120.77	1.10	197.77	-8.26
63	16	-40.46	-2.84	-10.82	2.44	141.29	-5.00
	21	40.46	2.84	124.23	-2.44	207.72	-11.34
64	16	-26.72	-1.16	68.77	-1.56	-107.29	-3.98
	21	26.72	1.16	44.65	1.56	-1.30	-2.69
65	16	-51.42	-1.99	66.79	2.02	-102.03	-5.68

		21	51.42	1.99	46.62	-2.02	4.78	-5.78
66		16	-27.76	-1.17	69.51	-1.54	-109.64	-4.05
		21	27.76	1.17	43.91	1.54	-3.24	-2.70
67		16	-50.37	-1.98	66.05	2.00	-99.69	-5.60
		21	50.37	1.98	47.37	-2.00	6.71	-5.77
68		16	-17.74	-1.96	-17.74	-1.15	163.85	-2.68
		21	17.74	1.96	131.16	1.15	225.00	-8.57
69		16	-42.44	-2.79	-19.72	2.43	169.10	-4.39
		21	42.44	2.79	133.14	-2.43	231.09	-11.66
70		16	-18.78	-1.97	-17.00	-1.13	161.50	-2.76
		21	18.78	1.97	130.42	1.13	223.07	-8.58
71		16	-41.39	-2.78	-20.46	2.41	171.45	-4.31
		21	41.39	2.78	133.88	-2.41	233.02	-11.66
72		16	-25.78	-1.22	78.41	-1.54	-137.45	-4.67
		21	25.78	1.22	35.01	1.54	-26.61	-2.37
73		16	-50.48	-2.06	76.44	2.04	-132.19	-6.38
		21	50.48	2.06	36.98	-2.04	-20.52	-5.46
74		16	-26.83	-1.24	79.16	-1.52	-139.79	-4.75
		21	26.83	1.24	34.26	1.52	-28.54	-2.38
75		16	-49.44	-2.04	75.70	2.02	-129.85	-6.30
		21	49.44	2.04	37.72	-2.02	-18.59	-5.46
21	1	21	-15.34	1.26	64.92	-0.14	-79.47	4.49
		26	15.34	-1.26	25.12	0.14	-9.82	2.77
	2	21	-18.77	0.74	19.15	-0.31	-22.77	2.52
		26	18.77	-0.74	4.22	0.31	-6.01	1.76
	3	21	-3.67	0.17	4.40	-0.01	-5.18	0.54
		26	3.67	-0.17	0.57	0.01	-1.89	0.42
	4	21	-4.00	0.22	10.39	-0.07	-12.00	0.74
		26	4.00	-0.22	3.52	0.07	-1.46	0.51
	5	21	4.04	-0.27	-0.49	0.33	1.46	-0.92
		26	-4.04	0.27	0.49	-0.33	1.34	-0.65
	6	21	-3.40	0.18	0.35	-0.30	-1.05	0.61
		26	3.40	-0.18	-0.35	0.30	-0.96	0.40
	7	21	-3.38	0.01	-3.82	0.11	10.00	-0.24
		26	3.38	-0.01	3.82	-0.11	11.97	0.28
	8	21	6.82	-0.03	3.85	-0.11	-10.06	0.17
		26	-6.82	0.03	-3.85	0.11	-12.05	-0.36
	9	21	-49.21	2.78	123.25	-0.35	-148.36	9.66
		26	49.21	-2.78	42.09	0.35	-23.30	6.31
	10	21	-55.91	3.18	124.00	-0.91	-150.63	11.04
		26	55.91	-3.18	41.34	0.91	-25.37	7.26
	11	21	-55.89	3.03	120.25	-0.54	-140.68	10.27
		26	55.89	-3.03	45.09	0.54	-13.73	7.15
	12	21	-46.71	2.99	127.15	-0.74	-158.74	10.64
		26	46.71	-2.99	38.19	0.74	-35.36	6.57
	13	21	-46.72	2.69	124.44	-0.38	-149.60	9.41
		26	46.72	-2.69	43.88	0.38	-21.56	6.07
	14	21	-53.41	3.10	125.19	-0.95	-151.86	10.79
		26	53.41	-3.10	43.12	0.95	-23.63	7.01

15	21	-53.39	2.94	121.44	-0.58	-141.91	10.02
	26	53.39	-2.94	46.88	0.58	-11.99	6.90
16	21	-44.21	2.91	128.34	-0.78	-159.97	10.39
	26	44.21	-2.91	39.98	0.78	-33.61	6.33
17	21	-41.29	2.36	116.35	-0.13	-139.72	8.30
	26	41.29	-2.36	41.53	0.13	-19.66	5.30
18	21	-52.45	3.04	117.61	-1.08	-143.49	10.60
	26	52.45	-3.04	40.27	1.08	-23.11	6.87
19	21	-52.42	2.78	111.35	-0.46	-126.91	9.32
	26	52.42	-2.78	46.53	0.46	-3.71	6.69
20	21	-37.12	2.72	122.86	-0.80	-157.01	9.93
	26	37.12	-2.72	35.02	0.80	-39.75	5.73
21	21	-37.36	2.12	93.38	-0.29	-112.54	7.38
	26	37.36	-2.12	31.97	0.29	-17.64	4.81
22	21	-41.82	2.39	93.88	-0.67	-114.05	8.30
	26	41.82	-2.39	31.47	0.67	-19.02	5.44
23	21	-41.81	2.29	91.37	-0.42	-107.42	7.78
	26	41.81	-2.29	33.98	0.42	-11.27	5.37
24	21	-35.69	2.26	95.98	-0.56	-119.46	8.03
	26	35.69	-2.26	29.37	0.56	-25.68	4.98
25	21	-35.69	2.06	94.17	-0.31	-113.36	7.21
	26	35.69	-2.06	33.16	0.31	-16.48	4.65
26	21	-40.16	2.33	94.67	-0.69	-114.87	8.13
	26	40.16	-2.33	32.66	0.69	-17.86	5.28
27	21	-40.14	2.23	92.17	-0.45	-108.24	7.62
	26	40.14	-2.23	35.16	0.45	-10.10	5.21
28	21	-34.02	2.21	96.77	-0.58	-120.28	7.86
	26	34.02	-2.21	30.56	0.58	-24.52	4.82
29	21	-32.07	1.84	88.78	-0.15	-106.78	6.47
	26	32.07	-1.84	31.60	0.15	-15.22	4.13
30	21	-39.52	2.29	89.62	-0.78	-109.29	8.00
	26	39.52	-2.29	30.76	0.78	-17.52	5.19
31	21	-39.49	2.12	85.44	-0.37	-98.24	7.15
	26	39.49	-2.12	34.93	0.37	-4.59	5.07
32	21	-29.29	2.08	93.11	-0.59	-118.31	7.56
	26	29.29	-2.08	27.26	0.59	-28.61	4.42
33	21	-34.11	2.01	84.07	-0.45	-102.24	7.02
	26	34.11	-2.01	29.35	0.45	-15.83	4.53
34	21	-34.91	2.05	86.15	-0.46	-104.64	7.17
	26	34.91	-2.05	30.05	0.46	-16.12	4.63
35	21	-33.30	1.95	83.97	-0.38	-101.95	6.83
	26	33.30	-1.95	29.45	0.38	-15.56	4.40
36	21	-34.79	2.04	84.14	-0.51	-102.45	7.14
	26	34.79	-2.04	29.28	0.51	-16.02	4.61
37	21	-34.79	2.01	83.31	-0.43	-100.24	6.97
	26	34.79	-2.01	30.11	0.43	-13.43	4.59
38	21	-32.75	2.00	84.84	-0.47	-104.25	7.05
	26	32.75	-2.00	28.58	0.47	-18.24	4.46
39	21	-34.11	2.01	84.07	-0.45	-102.24	7.02
	26	34.11	-2.01	29.35	0.45	-15.83	4.53

40	21	37.64	-1.34	-5.76	5.90	16.57	-5.13
	26	-37.64	1.34	5.76	-5.90	16.54	-2.58
41	21	41.20	-1.39	-3.30	5.96	10.16	-5.15
	26	-41.20	1.39	3.30	-5.96	8.81	-2.84
42	21	-6.22	-0.45	-38.15	0.23	100.16	-2.84
	26	6.22	0.45	38.15	-0.23	119.20	0.28
43	21	-5.56	-0.39	-47.72	0.21	125.38	-3.18
	26	5.56	0.39	47.72	-0.21	149.04	0.96
44	21	1.67	0.53	66.87	5.52	-55.62	1.03
	26	-1.67	-0.53	46.55	-5.52	36.47	2.03
45	21	5.40	0.80	89.76	5.38	-115.71	2.74
	26	-5.40	-0.80	23.66	-5.38	-35.05	1.86
46	21	1.87	0.55	63.99	5.51	-48.05	0.93
	26	-1.87	-0.55	49.42	-5.51	45.42	2.24
47	21	5.20	0.78	92.63	5.39	-123.28	2.84
	26	-5.20	-0.78	20.79	-5.39	-44.00	1.66
48	21	-73.62	3.22	78.39	-6.27	-88.77	11.29
	26	73.62	-3.22	35.03	6.27	3.39	7.19
49	21	-69.89	3.48	101.27	-6.41	-148.86	13.00
	26	69.89	-3.48	12.14	6.41	-68.13	7.03
50	21	-73.42	3.23	75.51	-6.28	-81.20	11.19
	26	73.42	-3.23	37.91	6.28	12.35	7.40
51	21	-70.09	3.46	104.15	-6.41	-156.43	13.10
	26	70.09	-3.46	9.27	6.41	-77.08	6.82
52	21	5.23	0.48	69.33	5.59	-62.03	1.02
	26	-5.23	-0.48	44.09	-5.59	28.74	1.77
53	21	8.96	0.75	92.22	5.45	-122.13	2.72
	26	-8.96	-0.75	21.20	-5.45	-42.78	1.61
54	21	5.43	0.50	66.45	5.58	-54.47	0.91
	26	-5.43	-0.50	46.96	-5.58	37.69	1.98
55	21	8.76	0.73	95.09	5.45	-129.69	2.82
	26	-8.76	-0.73	18.33	-5.45	-51.73	1.40
56	21	-77.18	3.26	75.93	-6.34	-82.35	11.31
	26	77.18	-3.26	37.49	6.34	11.12	7.45
57	21	-73.45	3.53	98.82	-6.48	-142.45	13.02
	26	73.45	-3.53	14.60	6.48	-60.40	7.29
58	21	-76.98	3.28	73.05	-6.35	-74.79	11.21
	26	76.98	-3.28	40.37	6.35	20.07	7.66
59	21	-73.65	3.51	101.69	-6.48	-150.01	13.12
	26	73.65	-3.51	11.73	6.48	-69.35	7.08
60	21	-29.03	1.16	44.19	1.55	2.89	2.63
	26	29.03	-1.16	69.23	-1.55	108.34	4.03
61	21	-51.62	1.96	47.65	-1.98	-7.06	5.71
	26	51.62	-1.96	65.77	1.98	98.41	5.58
62	21	-27.97	1.14	44.93	1.57	0.97	2.63
	26	27.97	-1.14	68.49	-1.57	106.02	3.95
63	21	-52.69	1.98	46.91	-2.00	-5.13	5.72
	26	52.69	-1.98	66.51	2.00	100.73	5.66
64	21	-16.60	2.05	120.49	1.09	-197.43	8.32
	26	16.60	-2.05	-7.07	-1.09	-130.07	3.48

	65	21	-39.19	2.86	123.95	-2.45	-207.37	11.40
		26	39.19	-2.86	-10.53	2.45	-139.99	5.03
	66	21	-15.53	2.04	121.23	1.11	-199.35	8.32
		26	15.53	-2.04	-7.81	-1.11	-132.39	3.40
	67	21	-40.26	2.87	123.21	-2.47	-205.45	11.41
		26	40.26	-2.87	-9.79	2.47	-137.67	5.10
	68	21	-28.37	1.22	34.62	1.54	28.11	2.30
		26	28.37	-1.22	78.80	-1.54	138.17	4.72
	69	21	-50.96	2.02	38.07	-2.00	18.16	5.38
		26	50.96	-2.02	75.34	2.00	128.25	6.27
	70	21	-27.30	1.21	35.36	1.56	26.18	2.29
		26	27.30	-1.21	78.06	-1.56	135.86	4.64
	71	21	-52.03	2.04	37.34	-2.02	20.09	5.38
		26	52.03	-2.04	76.08	2.02	130.57	6.34
	72	21	-17.26	1.99	130.07	1.11	-222.65	8.66
		26	17.26	-1.99	-16.65	-1.11	-159.91	2.79
	73	21	-39.85	2.80	133.52	-2.43	-232.59	11.74
		26	39.85	-2.80	-20.10	2.43	-169.83	4.34
	74	21	-16.19	1.98	130.81	1.13	-224.57	8.65
		26	16.19	-1.98	-17.39	-1.13	-162.23	2.71
	75	21	-40.92	2.81	132.79	-2.45	-230.67	11.74
		26	40.92	-2.81	-19.37	2.45	-167.51	4.42
25	1	20	-15.34	1.26	25.12	-0.14	9.82	2.77
		25	15.34	-1.26	64.92	0.14	79.47	4.49
	2	20	-18.76	0.74	4.22	-0.31	6.01	1.76
		25	18.76	-0.74	19.15	0.31	22.77	2.52
	3	20	-3.67	0.17	0.57	-0.01	1.89	0.42
		25	3.67	-0.17	4.40	0.01	5.18	0.54
	4	20	-4.00	0.22	3.52	-0.07	1.46	0.51
		25	4.00	-0.22	10.39	0.07	12.00	0.74
	5	20	-3.43	0.18	-0.35	-0.30	0.95	0.40
		25	3.43	-0.18	0.35	0.30	1.04	0.61
	6	20	4.06	-0.27	0.48	0.33	-1.33	-0.65
		25	-4.06	0.27	-0.48	-0.33	-1.45	-0.92
	7	20	6.69	-0.03	-3.88	-0.11	12.19	-0.36
		25	-6.69	0.03	3.88	0.11	10.11	0.16
	8	20	-3.26	0.01	3.85	0.11	-12.11	0.29
		25	3.26	-0.01	-3.85	-0.11	-10.05	-0.24
	9	20	-55.92	3.18	41.35	-0.92	25.35	7.26
		25	55.92	-3.18	124.00	0.92	150.61	11.04
	10	20	-49.18	2.78	42.09	-0.35	23.31	6.31
		25	49.18	-2.78	123.25	0.35	148.37	9.66
	11	20	-46.81	2.99	38.17	-0.75	35.47	6.57
		25	46.81	-2.99	127.18	0.75	158.77	10.64
	12	20	-55.76	3.03	45.12	-0.55	13.60	7.15
		25	55.76	-3.03	120.22	0.55	140.63	10.28
	13	20	-53.42	3.10	43.13	-0.95	23.61	7.01
		25	53.42	-3.10	125.19	0.95	151.84	10.79
	14	20	-46.68	2.69	43.88	-0.39	21.56	6.06

	25	46.68	-2.69	124.44	0.39	149.60	9.41
15	20	-44.31	2.91	39.95	-0.78	33.73	6.32
	25	44.31	-2.91	128.37	0.78	160.00	10.38
16	20	-53.27	2.94	46.91	-0.59	11.86	6.91
	25	53.27	-2.94	121.41	0.59	141.87	10.02
17	20	-52.47	3.04	40.28	-1.08	23.08	6.87
	25	52.47	-3.04	117.60	1.08	143.47	10.60
18	20	-41.24	2.36	41.52	-0.14	19.67	5.30
	25	41.24	-2.36	116.36	0.14	139.73	8.29
19	20	-37.29	2.72	34.98	-0.80	39.95	5.73
	25	37.29	-2.72	122.90	0.80	157.07	9.92
20	20	-52.22	2.79	46.58	-0.47	3.50	6.70
	25	52.22	-2.79	111.30	0.47	126.84	9.32
21	20	-41.82	2.39	31.48	-0.67	19.01	5.44
	25	41.82	-2.39	93.87	0.67	114.04	8.30
22	20	-37.33	2.12	31.97	-0.30	17.65	4.81
	25	37.33	-2.12	93.38	0.30	112.54	7.37
23	20	-35.75	2.26	29.36	-0.56	25.76	4.98
	25	35.75	-2.26	95.99	0.56	119.48	8.03
24	20	-41.72	2.29	34.00	-0.43	11.18	5.37
	25	41.72	-2.29	91.35	0.43	107.39	7.79
25	20	-40.16	2.33	32.67	-0.69	17.85	5.28
	25	40.16	-2.33	94.67	0.69	114.86	8.13
26	20	-35.67	2.06	33.16	-0.32	16.49	4.65
	25	35.67	-2.06	94.17	0.32	113.37	7.21
27	20	-34.09	2.20	30.55	-0.58	24.60	4.82
	25	34.09	-2.20	96.79	0.58	120.30	7.86
28	20	-40.06	2.23	35.19	-0.45	10.02	5.21
	25	40.06	-2.23	92.15	0.45	108.21	7.62
29	20	-39.53	2.29	30.77	-0.78	17.50	5.19
	25	39.53	-2.29	89.61	0.78	109.28	8.00
30	20	-32.04	1.84	31.59	-0.15	15.23	4.13
	25	32.04	-1.84	88.78	0.15	106.79	6.46
31	20	-29.41	2.08	27.23	-0.59	28.75	4.42
	25	29.41	-2.08	93.14	0.59	118.34	7.55
32	20	-39.36	2.13	34.96	-0.37	4.44	5.07
	25	39.36	-2.13	85.41	0.37	98.19	7.15
33	20	-34.10	2.01	29.35	-0.45	15.83	4.53
	25	34.10	-2.01	84.07	0.45	102.24	7.02
34	20	-34.90	2.05	30.05	-0.46	16.12	4.63
	25	34.90	-2.05	86.15	0.46	104.64	7.16
35	20	-34.78	2.04	29.28	-0.51	16.01	4.61
	25	34.78	-2.04	84.14	0.51	102.45	7.14
36	20	-33.29	1.95	29.45	-0.38	15.56	4.40
	25	33.29	-1.95	83.97	0.38	101.95	6.83
37	20	-32.76	2.00	28.57	-0.47	18.26	4.46
	25	32.76	-2.00	84.85	0.47	104.26	7.05
38	20	-34.75	2.01	30.12	-0.43	13.40	4.59
	25	34.75	-2.01	83.30	0.43	100.23	6.97
39	20	-34.10	2.01	29.35	-0.45	15.83	4.53

	25	34.10	-2.01	84.07	0.45	102.24	7.02
40	20	-41.65	1.39	-3.20	-5.91	8.47	2.85
	25	41.65	-1.39	3.20	5.91	9.91	5.16
41	20	-38.20	1.34	-5.66	-5.85	16.23	2.58
	25	38.20	-1.34	5.66	5.85	16.31	5.14
42	20	4.03	0.37	-48.09	-0.20	150.70	-1.00
	25	-4.03	-0.37	48.09	0.20	125.84	3.11
43	20	4.98	0.43	-38.46	-0.22	120.57	-0.30
	25	-4.98	-0.43	38.46	0.22	100.56	2.79
44	20	-74.54	3.51	11.72	-6.42	69.51	7.08
	25	74.54	-3.51	101.69	6.42	149.90	13.11
45	20	-76.96	3.29	40.58	-6.30	-20.91	7.67
	25	76.96	-3.29	72.84	6.30	74.39	11.25
46	20	-74.26	3.53	14.62	-6.42	60.47	7.29
	25	74.26	-3.53	98.80	6.42	142.31	13.02
47	20	-77.24	3.27	37.69	-6.29	-11.87	7.47
	25	77.24	-3.27	75.73	6.29	81.98	11.34
48	20	8.76	0.72	18.12	5.39	52.56	1.38
	25	-8.76	-0.72	95.30	-5.39	130.08	2.78
49	20	6.34	0.50	46.97	5.51	-37.86	1.98
	25	-6.34	-0.50	66.45	-5.51	54.58	0.92
50	20	9.04	0.74	21.01	5.39	43.52	1.59
	25	-9.04	-0.74	92.41	-5.39	122.50	2.69
51	20	6.06	0.48	44.08	5.52	-28.82	1.77
	25	-6.06	-0.48	69.34	-5.52	62.16	1.02
52	20	-71.09	3.46	9.26	-6.36	77.27	6.81
	25	71.09	-3.46	104.16	6.36	156.30	13.09
53	20	-73.51	3.24	38.12	-6.24	-13.15	7.41
	25	73.51	-3.24	75.30	6.24	80.79	11.23
54	20	-70.80	3.48	12.15	-6.36	68.23	7.02
	25	70.80	-3.48	101.27	6.36	148.71	13.00
55	20	-73.79	3.22	35.23	-6.23	-4.11	7.20
	25	73.79	-3.22	78.19	6.23	88.37	11.32
56	20	5.31	0.77	20.58	5.34	44.80	1.65
	25	-5.31	-0.77	92.84	-5.34	123.69	2.80
57	20	2.89	0.55	49.44	5.46	-45.62	2.25
	25	-2.89	-0.55	63.98	-5.46	48.18	0.94
58	20	5.59	0.79	23.47	5.33	35.76	1.86
	25	-5.59	-0.79	89.95	-5.33	116.10	2.71
59	20	2.61	0.53	46.54	5.46	-36.58	2.04
	25	-2.61	-0.53	66.87	-5.46	55.76	1.04
60	20	-42.57	2.79	-19.70	-2.42	169.06	4.38
	25	42.57	-2.79	133.12	2.42	231.05	11.67
61	20	-17.58	1.96	-17.79	1.12	163.98	2.68
	25	17.58	-1.96	131.21	-1.12	225.11	8.57
62	20	-41.53	2.78	-20.44	-2.41	171.39	4.30
	25	41.53	-2.78	133.86	2.41	232.97	11.67
63	20	-18.61	1.97	-17.05	1.10	161.65	2.76
	25	18.61	-1.97	130.47	-1.10	223.19	8.58
64	20	-50.62	2.06	76.48	-2.02	-132.33	6.38

		25	50.62	-2.06	36.94	2.02	-20.63	5.46
65		20	-25.63	1.22	78.40	1.52	-137.41	4.67
		25	25.63	-1.22	35.02	-1.52	-26.58	2.36
66		20	-49.59	2.04	75.74	-2.00	-130.00	6.30
		25	49.59	-2.04	37.67	2.00	-18.71	5.45
67		20	-26.67	1.24	79.14	1.50	-139.74	4.75
		25	26.67	-1.24	34.28	-1.50	-28.50	2.36
68		20	-41.62	2.86	-10.07	-2.44	138.93	5.08
		25	41.62	-2.86	123.49	2.44	205.77	11.35
69		20	-16.63	2.02	-8.15	1.10	133.85	3.38
		25	16.63	-2.02	121.57	-1.10	199.83	8.25
70		20	-40.58	2.84	-10.81	-2.42	141.26	5.00
		25	40.58	-2.84	124.22	2.42	207.69	11.35
71		20	-17.66	2.04	-7.41	1.09	131.52	3.46
		25	17.66	-2.04	120.83	-1.09	197.91	8.26
72		20	-51.57	1.99	66.85	-2.00	-102.20	5.68
		25	51.57	-1.99	46.57	2.00	4.65	5.78
73		20	-26.58	1.16	68.76	1.54	-107.28	3.97
		25	26.58	-1.16	44.65	-1.54	-1.30	2.68
74		20	-50.54	1.98	66.11	-1.99	-99.87	5.60
		25	50.54	-1.98	47.31	1.99	6.57	5.77
75		20	-27.62	1.17	69.50	1.52	-109.61	4.05
		25	27.62	-1.17	43.92	-1.52	-3.22	2.68
26	1	25	-15.34	-1.26	64.92	0.14	-79.47	-4.49
		30	15.34	1.26	25.12	-0.14	-9.82	-2.77
	2	25	-18.76	-0.74	19.15	0.31	-22.77	-2.52
		30	18.76	0.74	4.22	-0.31	-6.01	-1.76
	3	25	-3.67	-0.17	4.40	0.01	-5.18	-0.54
		30	3.67	0.17	0.57	-0.01	-1.89	-0.42
	4	25	-4.00	-0.22	10.39	0.07	-12.00	-0.74
		30	4.00	0.22	3.52	-0.07	-1.46	-0.51
	5	25	-3.43	-0.18	0.35	0.30	-1.04	-0.61
		30	3.43	0.18	-0.35	-0.30	-0.95	-0.41
	6	25	4.06	0.27	-0.48	-0.33	1.45	0.92
		30	-4.06	-0.27	0.48	0.33	1.33	0.65
	7	25	-3.39	-0.01	-3.82	-0.11	10.01	0.24
		30	3.39	0.01	3.82	0.11	11.98	-0.28
	8	25	6.82	0.03	3.85	0.11	-10.07	-0.17
		30	-6.82	-0.03	-3.85	-0.11	-12.06	0.36
	9	25	-55.92	-3.18	124.00	0.92	-150.61	-11.04
		30	55.92	3.18	41.34	-0.92	-25.35	-7.26
	10	25	-49.18	-2.78	123.25	0.35	-148.37	-9.66
		30	49.18	2.78	42.09	-0.35	-23.31	-6.31
	11	25	-55.88	-3.03	120.24	0.55	-140.67	-10.27
		30	55.88	3.03	45.10	-0.55	-13.72	-7.15
	12	25	-46.69	-2.99	127.15	0.75	-158.74	-10.64
		30	46.69	2.99	38.19	-0.75	-35.36	-6.57
	13	25	-53.42	-3.10	125.19	0.95	-151.85	-10.79
		30	53.42	3.10	43.13	-0.95	-23.61	-7.01

14	25	-46.68	-2.69	124.44	0.39	-149.61	-9.40
	30	46.68	2.69	43.87	-0.39	-21.57	-6.06
15	25	-53.38	-2.94	121.44	0.58	-141.90	-10.02
	30	53.38	2.94	46.88	-0.58	-11.98	-6.90
16	25	-44.19	-2.91	128.34	0.78	-159.97	-10.39
	30	44.19	2.91	39.98	-0.78	-33.62	-6.32
17	25	-52.47	-3.04	117.60	1.08	-143.47	-10.60
	30	52.47	3.04	40.28	-1.08	-23.08	-6.87
18	25	-41.24	-2.36	116.36	0.14	-139.73	-8.29
	30	41.24	2.36	41.52	-0.14	-19.68	-5.29
19	25	-52.41	-2.78	111.35	0.47	-126.89	-9.31
	30	52.41	2.78	46.53	-0.47	-3.70	-6.69
20	25	-37.10	-2.72	122.86	0.80	-157.02	-9.93
	30	37.10	2.72	35.02	-0.80	-39.76	-5.73
21	25	-41.82	-2.39	93.87	0.67	-114.04	-8.30
	30	41.82	2.39	31.48	-0.67	-19.01	-5.44
22	25	-37.33	-2.12	93.38	0.30	-112.54	-7.37
	30	37.33	2.12	31.97	-0.30	-17.65	-4.81
23	25	-41.80	-2.29	91.37	0.43	-107.41	-7.78
	30	41.80	2.29	33.98	-0.43	-11.26	-5.37
24	25	-35.67	-2.26	95.98	0.56	-119.46	-8.03
	30	35.67	2.26	29.37	-0.56	-25.68	-4.98
25	25	-40.16	-2.33	94.67	0.69	-114.86	-8.13
	30	40.16	2.33	32.67	-0.69	-17.85	-5.28
26	25	-35.66	-2.06	94.17	0.32	-113.37	-7.21
	30	35.66	2.06	33.16	-0.32	-16.49	-4.64
27	25	-40.13	-2.23	92.17	0.45	-108.23	-7.61
	30	40.13	2.23	35.17	-0.45	-10.10	-5.20
28	25	-34.01	-2.21	96.77	0.58	-120.28	-7.86
	30	34.01	2.21	30.56	-0.58	-24.52	-4.82
29	25	-39.53	-2.29	89.61	0.78	-109.28	-8.00
	30	39.53	2.29	30.77	-0.78	-17.50	-5.19
30	25	-32.04	-1.84	88.78	0.15	-106.79	-6.46
	30	32.04	1.84	31.59	-0.15	-15.23	-4.13
31	25	-39.49	-2.12	85.44	0.37	-98.23	-7.14
	30	39.49	2.12	34.93	-0.37	-4.58	-5.06
32	25	-29.28	-2.08	93.11	0.59	-118.31	-7.56
	30	29.28	2.08	27.26	-0.59	-28.62	-4.42
33	25	-34.10	-2.01	84.07	0.45	-102.24	-7.02
	30	34.10	2.01	29.35	-0.45	-15.83	-4.53
34	25	-34.90	-2.05	86.15	0.46	-104.64	-7.16
	30	34.90	2.05	30.05	-0.46	-16.12	-4.63
35	25	-34.78	-2.04	84.14	0.51	-102.45	-7.14
	30	34.78	2.04	29.28	-0.51	-16.02	-4.61
36	25	-33.29	-1.95	83.97	0.38	-101.95	-6.83
	30	33.29	1.95	29.44	-0.38	-15.56	-4.40
37	25	-34.78	-2.01	83.31	0.43	-100.24	-6.97
	30	34.78	2.01	30.11	-0.43	-13.43	-4.58
38	25	-32.73	-2.00	84.84	0.47	-104.25	-7.05
	30	32.73	2.00	28.58	-0.47	-18.24	-4.46

39	25	-34.10	-2.01	84.07	0.45	-102.24	-7.02
	30	34.10	2.01	29.35	-0.45	-15.83	-4.53
40	25	-38.15	-1.35	5.64	5.85	-16.28	-5.15
	30	38.15	1.35	-5.64	-5.85	-16.18	-2.62
41	25	-41.69	-1.40	3.20	5.90	-9.91	-5.16
	30	41.69	1.40	-3.20	-5.90	-8.51	-2.88
42	25	-5.59	0.39	-47.74	-0.22	125.41	3.20
	30	5.59	-0.39	47.74	0.22	149.07	-0.95
43	25	-6.26	0.45	-38.17	-0.23	100.21	2.85
	30	6.26	-0.45	38.17	0.23	119.27	-0.27
44	25	-73.93	-3.24	75.39	6.23	-80.90	-11.21
	30	73.93	3.24	38.02	-6.23	12.72	-7.44
45	25	-70.57	-3.48	104.04	6.37	-156.14	-13.13
	30	70.57	3.48	9.38	-6.37	-76.72	-6.87
46	25	-74.13	-3.23	78.26	6.23	-88.46	-11.31
	30	74.13	3.23	35.15	-6.23	3.78	-7.23
47	25	-70.37	-3.50	101.17	6.37	-148.58	-13.03
	30	70.37	3.50	12.25	-6.37	-67.78	-7.07
48	25	2.37	-0.54	64.10	-5.47	-48.33	-0.90
	30	-2.37	0.54	49.31	5.47	45.07	-2.19
49	25	5.73	-0.77	92.75	-5.33	-123.58	-2.82
	30	-5.73	0.77	20.67	5.33	-44.37	-1.62
50	25	2.17	-0.52	66.97	-5.47	-55.89	-1.01
	30	-2.17	0.52	46.44	5.47	36.13	-1.98
51	25	5.93	-0.79	89.88	-5.33	-116.02	-2.72
	30	-5.93	0.79	23.54	5.33	-35.43	-1.82
52	25	-77.47	-3.29	72.95	6.29	-74.52	-11.22
	30	77.47	3.29	40.47	-6.29	20.38	-7.69
53	25	-74.12	-3.52	101.60	6.42	-149.77	-13.14
	30	74.12	3.52	11.82	-6.42	-69.06	-7.12
54	25	-77.67	-3.27	75.82	6.28	-82.08	-11.32
	30	77.67	3.27	37.60	-6.28	11.44	-7.48
55	25	-73.92	-3.54	98.73	6.42	-142.21	-13.03
	30	73.92	3.54	14.69	-6.42	-60.12	-7.33
56	25	5.92	-0.49	66.55	-5.52	-54.71	-0.89
	30	-5.92	0.49	46.87	5.52	37.41	-1.93
57	25	9.27	-0.73	95.19	-5.39	-129.95	-2.81
	30	-9.27	0.73	18.23	5.39	-52.04	-1.37
58	25	5.72	-0.47	69.42	-5.52	-62.26	-1.00
	30	-5.72	0.47	44.00	5.52	28.47	-1.73
59	25	9.47	-0.74	92.32	-5.38	-122.39	-2.71
	30	-9.47	0.74	21.10	5.38	-43.10	-1.57
60	25	-51.14	-2.02	38.03	1.98	18.29	-5.37
	30	51.14	2.02	75.39	-1.98	128.39	-6.26
61	25	-28.25	-1.21	34.64	-1.53	28.06	-2.27
	30	28.25	1.21	78.78	1.53	138.10	-4.69
62	25	-52.20	-2.04	37.30	2.00	20.20	-5.37
	30	52.20	2.04	76.12	-2.00	130.69	-6.34
63	25	-27.18	-1.20	35.37	-1.54	26.15	-2.27
	30	27.18	1.20	78.05	1.54	135.80	-4.61

64	25	-39.95	-2.80	133.50	2.43	-232.53	-11.76	
	30	39.95	2.80	-20.08	-2.43	-169.75	-4.37	
65	25	-17.06	-1.99	130.11	-1.08	-222.76	-8.67	
	30	17.06	1.99	-16.69	1.08	-160.05	-2.79	
66	25	-41.02	-2.82	132.77	2.44	-230.62	-11.76	
	30	41.02	2.82	-19.35	-2.44	-167.45	-4.44	
67	25	-16.00	-1.98	130.85	-1.10	-224.68	-8.66	
	30	16.00	1.98	-17.43	1.10	-162.34	-2.72	
68	25	-51.80	-1.96	47.59	1.97	-6.91	-5.71	
	30	51.80	1.96	65.83	-1.97	98.59	-5.58	
69	25	-28.91	-1.15	44.21	-1.54	2.86	-2.62	
	30	28.91	1.15	69.21	1.54	108.30	-4.01	
70	25	-52.87	-1.98	46.86	1.99	-5.00	-5.71	
	30	52.87	1.98	66.56	-1.99	100.89	-5.66	
71	25	-27.85	-1.14	44.94	-1.55	0.95	-2.61	
	30	27.85	1.14	68.48	1.55	106.00	-3.93	
72	25	-39.29	-2.86	123.94	2.44	-207.34	-11.41	
	30	39.29	2.86	-10.52	-2.44	-139.95	-5.05	
73	25	-16.40	-2.05	120.55	-1.07	-197.57	-8.32	
	30	16.40	2.05	-7.13	1.07	-130.25	-3.47	
74	25	-40.35	-2.88	123.20	2.45	-205.43	-11.42	
	30	40.35	2.88	-9.78	-2.45	-137.65	-5.12	
75	25	-15.33	-2.04	121.28	-1.09	-199.48	-8.32	
	30	15.33	2.04	-7.86	1.09	-132.54	-3.40	
27	1	26	-14.59	0.43	29.49	-1.26	16.03	-0.56
		27	14.59	-0.43	70.74	1.26	84.86	3.31
2	26	-18.68	0.09	5.76	-0.84	7.38	-0.46	
		27	18.68	-0.09	20.26	0.84	21.50	1.05
3	26	-3.84	0.04	0.66	-0.05	2.96	-0.05	
		27	3.84	-0.04	4.88	0.05	5.66	0.29
4	26	-4.24	0.07	3.88	-0.05	3.27	-0.06	
		27	4.24	-0.07	11.61	0.05	13.66	0.54
5	26	8.89	0.00	-0.97	0.01	2.40	0.21	
		27	-8.89	0.00	0.97	-0.01	3.84	-0.21
6	26	-5.24	0.02	0.94	-0.01	-2.36	-0.11	
		27	5.24	-0.02	-0.94	0.01	-3.66	0.24
7	26	-7.77	-0.29	-0.86	0.17	2.75	-1.15	
		27	7.77	0.29	0.86	-0.17	2.73	-0.68
8	26	7.78	0.31	0.89	-0.17	-2.87	1.24	
		27	-7.78	-0.31	-0.89	0.17	-2.85	0.76
9	26	-44.20	0.79	48.84	-2.83	39.49	-1.26	
		27	44.20	-0.79	135.19	2.83	160.46	6.30
10	26	-56.91	0.81	50.56	-2.85	35.20	-1.54	
		27	56.91	-0.81	133.47	2.85	153.72	6.71
11	26	-59.19	0.53	48.95	-2.68	39.80	-2.48	
		27	59.19	-0.53	135.09	2.68	159.47	5.88
12	26	-45.19	1.07	50.52	-3.00	34.74	-0.33	
		27	45.19	-1.07	133.51	3.00	154.45	7.17
13	26	-41.62	0.79	50.76	-2.79	37.50	-1.22	

	27	41.62	-0.79	136.58	2.79	162.22	6.27
14	26	-54.34	0.81	52.49	-2.80	33.21	-1.51
	27	54.34	-0.81	134.86	2.80	155.47	6.68
15	26	-56.62	0.53	50.87	-2.64	37.81	-2.45
	27	56.62	-0.53	136.47	2.64	161.22	5.86
16	26	-42.62	1.07	52.44	-2.95	32.75	-0.30
	27	42.62	-1.07	134.90	2.95	156.20	7.15
17	26	-33.11	0.73	47.27	-2.75	36.49	-1.05
	27	33.11	-0.73	128.46	2.75	154.27	5.74
18	26	-54.30	0.77	50.14	-2.77	29.34	-1.53
	27	54.30	-0.77	125.59	2.77	143.03	6.42
19	26	-58.10	0.31	47.44	-2.50	37.00	-3.09
	27	58.10	-0.31	128.28	2.50	152.61	5.05
20	26	-34.78	1.20	50.07	-3.02	28.57	0.49
	27	34.78	-1.20	125.66	3.02	144.25	7.20
21	26	-33.90	0.59	37.26	-2.17	29.45	-0.97
	27	33.90	-0.59	102.26	2.17	121.16	4.78
22	26	-42.38	0.61	38.41	-2.18	26.59	-1.16
	27	42.38	-0.61	101.11	2.18	116.66	5.05
23	26	-43.90	0.42	37.33	-2.07	29.65	-1.79
	27	43.90	-0.42	102.19	2.07	120.49	4.50
24	26	-34.57	0.78	38.38	-2.28	26.28	-0.36
	27	34.57	-0.78	101.14	2.28	117.15	5.36
25	26	-32.18	0.60	38.54	-2.14	28.12	-0.95
	27	32.18	-0.60	103.19	2.14	122.33	4.76
26	26	-40.66	0.61	39.69	-2.15	25.26	-1.14
	27	40.66	-0.61	102.04	2.15	117.83	5.03
27	26	-42.18	0.42	38.61	-2.04	28.33	-1.77
	27	42.18	-0.42	103.12	2.04	121.66	4.48
28	26	-32.85	0.78	39.66	-2.25	24.96	-0.33
	27	32.85	-0.78	102.07	2.25	118.32	5.34
29	26	-26.51	0.56	36.21	-2.11	27.45	-0.83
	27	26.51	-0.56	97.77	2.11	117.03	4.41
30	26	-40.64	0.58	38.12	-2.13	22.68	-1.15
	27	40.64	-0.58	95.86	2.13	109.54	4.86
31	26	-43.17	0.27	36.33	-1.95	27.79	-2.19
	27	43.17	-0.27	97.66	1.95	115.92	3.95
32	26	-27.62	0.87	38.08	-2.30	22.17	0.19
	27	27.62	-0.87	95.91	2.30	110.35	5.38
33	26	-33.28	0.52	35.24	-2.10	23.41	-1.02
	27	33.28	-0.52	91.00	2.10	106.36	4.35
34	26	-34.13	0.54	36.02	-2.11	24.06	-1.03
	27	34.13	-0.54	93.32	2.11	109.09	4.46
35	26	-31.50	0.52	35.05	-2.10	23.89	-0.97
	27	31.50	-0.52	91.19	2.10	107.13	4.31
36	26	-34.33	0.53	35.43	-2.10	22.94	-1.04
	27	34.33	-0.53	90.81	2.10	105.63	4.40
37	26	-34.83	0.46	35.07	-2.06	23.96	-1.24
	27	34.83	-0.46	91.17	2.06	106.91	4.22
38	26	-31.72	0.58	35.42	-2.13	22.83	-0.77

	27	31.72	-0.58	90.82	2.13	105.79	4.51
39	26	-33.28	0.52	35.24	-2.10	23.41	-1.02
	27	33.28	-0.52	91.00	2.10	106.36	4.35
40	26	24.39	-1.31	-22.04	-0.27	56.01	-1.44
	27	-24.39	1.31	22.04	0.27	85.06	-6.93
41	26	32.72	-1.49	-18.80	0.36	47.56	-1.32
	27	-32.72	1.49	18.80	-0.36	72.74	-8.21
42	26	5.29	-1.04	-6.83	0.73	23.54	-3.54
	27	-5.29	1.04	6.83	-0.73	20.19	-3.12
43	26	11.62	-1.63	-9.78	0.40	32.58	-4.53
	27	-11.62	1.63	9.78	-0.40	29.98	-5.91
44	26	-7.30	-1.10	11.15	-2.15	86.48	-3.51
	27	7.30	1.10	115.09	2.15	197.48	-3.51
45	26	-10.47	-0.47	15.25	-2.59	72.36	-1.39
	27	10.47	0.47	110.99	2.59	185.37	-1.64
46	26	-5.40	-1.27	10.27	-2.25	89.19	-3.81
	27	5.40	1.27	115.97	2.25	200.42	-4.35
47	26	-12.37	-0.30	16.13	-2.49	69.64	-1.09
	27	12.37	0.30	110.11	2.49	182.43	-0.80
48	26	-56.09	1.52	55.24	-1.61	-25.54	-0.64
	27	56.09	-1.52	71.00	1.61	27.36	10.35
49	26	-59.26	2.14	59.34	-2.05	-39.67	1.48
	27	59.26	-2.14	66.90	2.05	15.24	12.22
50	26	-54.19	1.34	54.35	-1.71	-22.83	-0.94
	27	54.19	-1.34	71.89	1.71	30.29	9.51
51	26	-61.16	2.32	60.22	-1.95	-42.38	1.78
	27	61.16	-2.32	66.02	1.95	12.30	13.05
52	26	1.03	-1.28	14.40	-1.52	78.03	-3.40
	27	-1.03	1.28	111.84	1.52	185.15	-4.79
53	26	-2.14	-0.66	18.50	-1.96	63.91	-1.28
	27	2.14	0.66	107.74	1.96	173.04	-2.92
54	26	2.93	-1.46	13.51	-1.62	80.74	-3.70
	27	-2.93	1.46	112.73	1.62	188.09	-5.63
55	26	-4.04	-0.48	19.38	-1.86	61.19	-0.98
	27	4.04	0.48	106.86	1.86	170.10	-2.09
56	26	-64.42	1.70	51.99	-2.24	-17.09	-0.75
	27	64.42	-1.70	74.25	2.24	39.68	11.63
57	26	-67.59	2.32	56.09	-2.68	-31.22	1.37
	27	67.59	-2.32	70.15	2.68	27.57	13.50
58	26	-62.52	1.52	51.11	-2.34	-14.38	-1.05
	27	62.52	-1.52	75.13	2.34	42.62	10.79
59	26	-69.49	2.50	56.97	-2.57	-33.93	1.67
	27	69.49	-2.50	69.27	2.57	24.63	14.34
60	26	-20.67	-0.91	21.80	-1.45	63.75	-4.99
	27	20.67	0.91	104.44	1.45	152.07	-0.84
61	26	-35.31	-0.13	35.02	-1.28	30.15	-4.13
	27	35.31	0.13	91.22	1.28	101.03	3.32
62	26	-18.18	-0.97	22.77	-1.26	61.22	-4.96
	27	18.18	0.97	103.47	1.26	148.37	-1.23
63	26	-37.81	-0.07	34.05	-1.47	32.68	-4.16

		27	37.81	0.07	92.19	1.47	104.73	3.70
64		26	-31.25	1.17	35.46	-2.91	16.67	2.10
		27	31.25	-1.17	90.78	2.91	111.69	5.39
65		26	-45.88	1.95	48.69	-2.75	-16.94	2.96
		27	45.88	-1.95	77.55	2.75	60.65	9.55
66		26	-28.75	1.12	36.44	-2.73	14.13	2.13
		27	28.75	-1.12	89.80	2.73	107.99	5.01
67		26	-48.38	2.01	47.72	-2.94	-14.40	2.93
		27	48.38	-2.01	78.52	2.94	64.35	9.93
68		26	-14.34	-1.50	18.85	-1.79	72.79	-5.98
		27	14.34	1.50	107.39	1.79	161.86	-3.63
69		26	-28.98	-0.72	32.08	-1.62	39.19	-5.12
		27	28.98	0.72	94.16	1.62	110.83	0.53
70		26	-11.84	-1.56	19.83	-1.60	70.26	-5.95
		27	11.84	1.56	106.41	1.60	158.17	-4.02
71		26	-31.48	-0.66	31.11	-1.81	41.72	-5.15
		27	31.48	0.66	95.13	1.81	114.52	0.91
72		26	-37.58	1.76	38.41	-2.58	7.63	3.09
		27	37.58	-1.76	87.83	2.58	101.90	8.18
73		26	-52.21	2.54	51.63	-2.41	-25.98	3.95
		27	52.21	-2.54	74.61	2.41	50.86	12.34
74		26	-35.08	1.71	39.38	-2.39	5.09	3.12
		27	35.08	-1.71	86.86	2.39	98.20	7.80
75		26	-54.71	2.60	50.66	-2.60	-23.44	3.92
		27	54.71	-2.60	75.58	2.60	54.56	12.72
28	1	27	-11.62	1.35	65.51	-0.05	-73.90	5.45
		28	11.62	-1.35	62.89	0.05	65.61	3.11
	2	27	-15.00	0.46	21.57	-0.05	-23.96	1.87
		28	15.00	-0.46	20.53	0.05	20.66	1.05
	3	27	-3.14	0.13	5.11	0.00	-5.67	0.54
		28	3.14	-0.13	4.92	0.00	5.06	0.31
	4	27	-3.40	0.23	11.48	0.01	-12.72	0.93
		28	3.40	-0.23	11.12	-0.01	11.59	0.54
	5	27	4.10	-0.11	-1.60	0.00	5.24	-0.40
		28	-4.10	0.11	1.60	0.00	4.90	-0.28
	6	27	-0.61	0.09	1.58	0.00	-5.17	0.35
		28	0.61	-0.09	-1.58	0.00	-4.86	0.25
	7	27	-10.57	-1.24	0.11	0.24	-0.81	-3.48
		28	10.57	1.24	-0.11	-0.24	0.14	-4.38
	8	27	10.64	1.23	-0.11	-0.24	0.83	3.46
		28	-10.64	-1.23	0.11	0.24	-0.15	4.37
	9	27	-38.15	2.63	128.04	-0.13	-140.56	10.66
		28	38.15	-2.63	125.61	0.13	132.83	6.03
	10	27	-42.39	2.81	130.90	-0.13	-149.93	11.34
		28	42.39	-2.81	122.75	0.13	124.05	6.51
	11	27	-51.36	1.61	129.57	0.09	-146.01	7.89
		28	51.36	-1.61	124.08	-0.09	128.55	2.34
	12	27	-32.27	3.84	129.38	-0.35	-144.53	14.14
		28	32.27	-3.84	124.27	0.35	128.28	10.22

13	27	-36.00	2.60	128.98	-0.12	-141.60	10.56
	28	36.00	-2.60	126.57	0.12	133.94	5.97
14	27	-40.24	2.79	131.84	-0.12	-150.97	11.24
	28	40.24	-2.79	123.71	0.12	125.16	6.45
15	27	-49.20	1.59	130.52	0.10	-147.04	7.79
	28	49.20	-1.59	125.04	-0.10	129.66	2.29
16	27	-30.11	3.81	130.32	-0.34	-145.56	14.03
	28	30.11	-3.81	125.23	0.34	129.39	10.16
17	27	-30.99	2.36	119.41	-0.13	-128.91	9.62
	28	30.99	-2.36	119.19	0.13	128.19	5.40
18	27	-38.05	2.67	124.18	-0.13	-144.53	10.75
	28	38.05	-2.67	114.42	0.13	113.55	6.20
19	27	-53.00	0.67	121.97	0.24	-137.99	5.00
	28	53.00	-0.67	116.63	-0.24	121.05	-0.74
20	27	-21.18	4.38	121.65	-0.49	-135.52	15.42
	28	21.18	-4.38	116.95	0.49	120.61	12.38
21	27	-28.98	1.99	96.97	-0.10	-106.75	8.08
	28	28.98	-1.99	94.86	0.10	100.06	4.57
22	27	-31.81	2.12	98.88	-0.10	-113.00	8.54
	28	31.81	-2.12	92.96	0.10	94.20	4.89
23	27	-37.79	1.32	97.99	0.05	-110.39	6.24
	28	37.79	-1.32	93.84	-0.05	97.20	2.12
24	27	-25.06	2.80	97.87	-0.24	-109.40	10.40
	28	25.06	-2.80	93.97	0.24	97.02	7.37
25	27	-27.55	1.98	97.60	-0.10	-107.45	8.01
	28	27.55	-1.98	95.50	0.10	100.79	4.54
26	27	-30.37	2.10	99.51	-0.10	-113.69	8.47
	28	30.37	-2.10	93.60	0.10	94.94	4.86
27	27	-36.35	1.30	98.62	0.05	-111.08	6.17
	28	36.35	-1.30	94.48	-0.05	97.94	2.08
28	27	-23.62	2.78	98.49	-0.24	-110.09	10.33
	28	23.62	-2.78	94.61	0.24	97.76	7.33
29	27	-24.21	1.82	91.22	-0.10	-98.99	7.39
	28	24.21	-1.82	90.58	0.10	96.96	4.15
30	27	-28.92	2.02	94.40	-0.10	-109.40	8.14
	28	28.92	-2.02	87.40	0.10	87.20	4.69
31	27	-38.88	0.69	92.92	0.15	-105.04	4.31
	28	38.88	-0.69	88.88	-0.15	92.20	0.06
32	27	-17.67	3.16	92.71	-0.34	-103.40	11.25
	28	17.67	-3.16	89.09	0.34	91.91	8.81
33	27	-26.61	1.81	87.08	-0.10	-97.87	7.33
	28	26.61	-1.81	83.42	0.10	86.26	4.17
34	27	-27.29	1.86	89.37	-0.10	-100.41	7.51
	28	27.29	-1.86	85.65	0.10	88.58	4.28
35	27	-25.79	1.79	86.76	-0.10	-96.82	7.25
	28	25.79	-1.79	83.74	0.10	87.25	4.11
36	27	-26.73	1.83	87.39	-0.10	-98.90	7.40
	28	26.73	-1.83	83.11	0.10	85.29	4.22
37	27	-28.73	1.56	87.10	-0.05	-98.03	6.63
	28	28.73	-1.56	83.40	0.05	86.29	3.29

38	27	-24.48	2.06	87.05	-0.15	-97.70	8.02
	28	24.48	-2.06	83.44	0.15	86.23	5.04
39	27	-26.61	1.81	87.08	-0.10	-97.87	7.33
	28	26.61	-1.81	83.42	0.10	86.26	4.17
40	27	9.34	-4.75	-36.32	0.17	118.81	-16.50
	28	-9.34	4.75	36.32	-0.17	111.82	-13.66
41	27	11.54	-0.78	-32.91	-0.12	107.64	-2.66
	28	-11.54	0.78	32.91	0.12	101.37	-2.28
42	27	-1.48	0.78	0.38	0.38	-3.51	2.30
	28	1.48	-0.78	-0.38	-0.38	1.11	2.66
43	27	-0.47	3.87	-2.57	-0.91	5.54	13.25
	28	0.47	-3.87	2.57	0.91	10.77	11.34
44	27	-17.71	-2.70	50.87	0.18	19.89	-8.48
	28	17.71	2.70	119.63	-0.18	198.41	-8.69
45	27	-16.83	-3.17	50.64	-0.05	22.00	-9.86
	28	16.83	3.17	119.85	0.05	197.75	-10.29
46	27	-17.41	-1.78	49.99	-0.21	22.61	-5.19
	28	17.41	1.78	120.51	0.21	201.31	-6.09
47	27	-17.13	-4.10	51.53	0.34	19.28	-13.14
	28	17.13	4.10	118.97	-0.34	194.85	-12.89
48	27	-36.40	6.79	123.51	-0.16	-217.73	24.51
	28	36.40	-6.79	46.99	0.16	-25.22	18.62
49	27	-35.51	6.32	123.28	-0.38	-215.62	23.13
	28	35.51	-6.32	47.22	0.38	-25.88	17.03
50	27	-36.10	7.72	122.62	-0.54	-215.02	27.80
	28	36.10	-7.72	47.87	0.54	-22.32	21.23
51	27	-35.81	5.40	124.17	0.00	-218.34	19.85
	28	35.81	-5.40	46.33	0.00	-28.78	14.43
52	27	-15.51	1.27	54.28	-0.11	8.71	5.36
	28	15.51	-1.27	116.22	0.11	187.97	2.69
53	27	-14.62	0.80	54.05	-0.34	10.82	3.98
	28	14.62	-0.80	116.45	0.34	187.30	1.09
54	27	-15.21	2.19	53.39	-0.50	11.43	8.65
	28	15.21	-2.19	117.11	0.50	190.87	5.29
55	27	-14.93	-0.13	54.93	0.05	8.11	0.70
	28	14.93	0.13	115.57	-0.05	184.40	-1.51
56	27	-38.60	2.82	120.10	0.13	-206.56	10.67
	28	38.60	-2.82	50.39	-0.13	-14.77	7.24
57	27	-37.71	2.35	119.88	-0.09	-204.45	9.29
	28	37.71	-2.35	50.62	0.09	-15.44	5.65
58	27	-38.30	3.75	119.22	-0.25	-203.84	13.96
	28	38.30	-3.75	51.28	0.25	-11.87	9.85
59	27	-38.01	1.43	120.76	0.29	-207.17	6.01
	28	38.01	-1.43	49.74	-0.29	-18.34	3.04
60	27	-25.29	1.17	76.56	0.33	-65.74	4.68
	28	25.29	-1.17	93.94	-0.33	120.92	2.73
61	27	-30.90	4.02	98.35	0.23	-137.03	14.58
	28	30.90	-4.02	72.15	-0.23	53.83	10.92
62	27	-24.63	2.36	77.58	0.24	-69.09	8.83
	28	24.63	-2.36	92.92	-0.24	117.78	6.14

63	27	-31.56	2.82	97.33	0.31	-133.67	10.42	
	28	31.56	-2.82	73.17	-0.31	56.96	7.51	
64	27	-22.33	-0.39	75.80	-0.43	-58.71	0.08	
	28	22.33	0.39	94.70	0.43	118.70	-2.59	
65	27	-27.93	2.45	97.59	-0.53	-130.00	9.97	
	28	27.93	-2.45	72.91	0.53	51.61	5.61	
66	27	-21.67	0.80	76.82	-0.51	-62.06	4.23	
	28	21.67	-0.80	93.68	0.51	115.57	0.83	
67	27	-28.59	1.26	96.57	-0.44	-126.64	5.82	
	28	28.59	-1.26	73.93	0.44	54.75	2.20	
68	27	-24.28	4.26	73.61	-0.96	-56.68	15.62	
	28	24.28	-4.26	96.89	0.96	130.58	11.41	
69	27	-29.89	7.11	95.40	-1.06	-127.97	25.52	
	28	29.89	-7.11	75.09	1.06	63.49	19.60	
70	27	-23.62	5.45	74.63	-1.05	-60.03	19.78	
	28	23.62	-5.45	95.86	1.05	127.45	14.82	
71	27	-30.55	5.91	94.38	-0.98	-124.62	21.37	
	28	30.55	-5.91	76.12	0.98	66.62	16.19	
72	27	-23.34	-3.49	78.75	0.86	-67.77	-10.87	
	28	23.34	3.49	91.75	-0.86	109.04	-11.27	
73	27	-28.94	-0.64	100.54	0.76	-139.05	-0.97	
	28	28.94	0.64	69.96	-0.76	41.95	-3.07	
74	27	-22.68	-2.29	79.77	0.77	-71.12	-6.72	
	28	22.68	2.29	90.73	-0.77	105.91	-7.85	
75	27	-29.60	-1.83	99.52	0.85	-135.70	-5.12	
	28	29.60	1.83	70.98	-0.85	45.08	-6.49	
29	1	28	-11.62	-1.35	62.89	0.05	-65.61	-3.12
		29	11.62	1.35	65.50	-0.05	73.90	-5.45
2	28	-14.99	-0.46	20.53	0.05	-20.66	-1.06	
	29	14.99	0.46	21.57	-0.05	23.96	-1.88	
3	28	-3.14	-0.13	4.92	0.00	-5.06	-0.31	
	29	3.14	0.13	5.11	0.00	5.67	-0.54	
4	28	-3.39	-0.23	11.12	-0.01	-11.59	-0.54	
	29	3.39	0.23	11.48	0.01	12.72	-0.93	
5	28	-0.77	-0.09	-1.56	0.00	4.83	-0.25	
	29	0.77	0.09	1.56	0.00	5.10	-0.34	
6	28	4.26	0.11	1.58	0.00	-4.87	0.28	
	29	-4.26	-0.11	-1.58	0.00	-5.17	0.39	
7	28	-10.57	1.24	-0.11	-0.25	-0.13	4.39	
	29	10.57	-1.24	0.11	0.25	0.83	3.50	
8	28	10.64	-1.24	0.11	0.25	0.14	-4.38	
	29	-10.64	1.24	-0.11	-0.25	-0.85	-3.48	
9	28	-42.53	-2.81	122.77	0.13	-124.09	-6.51	
	29	42.53	2.81	130.88	-0.13	149.85	-11.34	
10	28	-38.01	-2.63	125.60	0.13	-132.82	-6.04	
	29	38.01	2.63	128.05	-0.13	140.61	-10.68	
11	28	-51.36	-1.61	124.08	-0.09	-128.55	-2.34	
	29	51.36	1.61	129.57	0.09	146.01	-7.89	
12	28	-32.26	-3.84	124.28	0.35	-128.31	-10.23	

	29	32.26	3.84	129.38	-0.35	144.50	-14.16
13	28	-40.38	-2.79	123.73	0.12	-125.19	-6.45
	29	40.38	2.79	131.82	-0.12	150.89	-11.23
14	28	-35.85	-2.61	126.56	0.12	-133.93	-5.98
	29	35.85	2.61	128.99	-0.12	141.65	-10.57
15	28	-49.20	-1.58	125.04	-0.10	-129.66	-2.28
	29	49.20	1.58	130.52	0.10	147.05	-7.78
16	28	-30.10	-3.82	125.24	0.34	-129.41	-10.18
	29	30.10	3.82	130.32	-0.34	145.54	-14.05
17	28	-38.29	-2.67	114.45	0.13	-113.60	-6.20
	29	38.29	2.67	124.15	-0.13	144.41	-10.74
18	28	-30.74	-2.37	119.17	0.13	-128.16	-5.41
	29	30.74	2.37	119.43	-0.13	129.01	-9.63
19	28	-53.00	-0.67	116.63	-0.24	-121.04	0.75
	29	53.00	0.67	121.97	0.24	138.00	-4.98
20	28	-21.17	-4.38	116.96	0.49	-120.64	-12.40
	29	21.17	4.38	121.64	-0.49	135.49	-15.44
21	28	-31.90	-2.12	92.97	0.10	-94.23	-4.89
	29	31.90	2.12	98.87	-0.10	112.95	-8.54
22	28	-28.88	-2.00	94.86	0.10	-100.05	-4.58
	29	28.88	2.00	96.98	-0.10	106.79	-8.09
23	28	-37.79	-1.31	93.84	-0.05	-97.20	-2.11
	29	37.79	1.31	97.99	0.05	110.39	-6.23
24	28	-25.06	-2.80	93.97	0.24	-97.04	-7.38
	29	25.06	2.80	97.86	-0.24	109.38	-10.42
25	28	-30.47	-2.10	93.61	0.10	-94.96	-4.86
	29	30.47	2.10	99.49	-0.10	113.64	-8.47
26	28	-27.45	-1.98	95.50	0.10	-100.79	-4.54
	29	27.45	1.98	97.61	-0.10	107.48	-8.02
27	28	-36.35	-1.30	94.48	-0.05	-97.94	-2.08
	29	36.35	1.30	98.62	0.05	111.08	-6.16
28	28	-23.62	-2.79	94.62	0.24	-97.78	-7.34
	29	23.62	2.79	98.49	-0.24	110.07	-10.35
29	28	-29.08	-2.02	87.42	0.10	-87.24	-4.69
	29	29.08	2.02	94.38	-0.10	109.32	-8.14
30	28	-24.04	-1.82	90.57	0.10	-96.94	-4.16
	29	24.04	1.82	91.23	-0.10	99.05	-7.40
31	28	-38.88	-0.69	88.88	-0.15	-92.20	-0.05
	29	38.88	0.69	92.92	0.15	105.05	-4.30
32	28	-17.66	-3.16	89.10	0.34	-91.93	-8.82
	29	17.66	3.16	92.70	-0.34	103.37	-11.27
33	28	-26.61	-1.81	83.42	0.10	-86.27	-4.17
	29	26.61	1.81	87.07	-0.10	97.86	-7.33
34	28	-27.29	-1.86	85.65	0.10	-88.59	-4.28
	29	27.29	1.86	89.37	-0.10	100.40	-7.52
35	28	-26.76	-1.83	83.11	0.10	-85.31	-4.22
	29	26.76	1.83	87.39	-0.10	98.88	-7.40
36	28	-25.76	-1.79	83.74	0.10	-87.25	-4.12
	29	25.76	1.79	86.76	-0.10	96.83	-7.25
37	28	-28.72	-1.56	83.40	0.05	-86.30	-3.29

	29	28.72	1.56	87.10	-0.05	98.03	-6.63
38	28	-24.48	-2.06	83.45	0.15	-86.25	-5.05
	29	24.48	2.06	87.05	-0.15	97.69	-8.03
39	28	-26.61	-1.81	83.42	0.10	-86.27	-4.17
	29	26.61	1.81	87.07	-0.10	97.86	-7.33
40	28	-13.03	-4.70	-35.96	0.17	111.17	-13.56
	29	13.03	4.70	35.96	-0.17	117.15	-16.28
41	28	-14.79	-0.74	-32.60	-0.12	100.81	-2.20
	29	14.79	0.74	32.60	0.12	106.19	-2.47
42	28	-0.37	-3.84	2.52	0.91	-10.64	-11.25
	29	0.37	3.84	-2.52	-0.91	-5.37	-13.15
43	28	-1.62	-0.75	-0.40	-0.38	-1.02	-2.56
	29	1.62	0.75	0.40	0.38	3.57	-2.18
44	28	-39.75	-7.66	48.22	0.54	21.71	-21.10
	29	39.75	7.66	122.27	-0.54	213.40	-27.55
45	28	-39.53	-5.36	46.71	-0.01	28.09	-14.35
	29	39.53	5.36	123.79	0.01	216.62	-19.66
46	28	-40.12	-6.73	47.35	0.15	24.60	-18.50
	29	40.12	6.73	123.15	-0.15	216.08	-24.26
47	28	-39.15	-6.29	47.59	0.38	25.21	-16.96
	29	39.15	6.29	122.91	-0.38	213.94	-22.95
48	28	-13.69	1.73	120.14	0.21	-200.64	6.01
	29	13.69	-1.73	50.36	-0.21	-20.90	5.00
49	28	-13.47	4.04	118.62	-0.34	-194.26	12.76
	29	13.47	-4.04	51.87	0.34	-17.68	12.89
50	28	-14.07	2.66	119.26	-0.18	-197.75	8.62
	29	14.07	-2.66	51.24	0.18	-18.22	8.29
51	28	-13.10	3.11	119.50	0.05	-197.14	10.15
	29	13.10	-3.11	51.00	-0.05	-20.36	9.60
52	28	-41.51	-3.70	51.58	0.25	11.34	-9.74
	29	41.51	3.70	118.91	-0.25	202.44	-13.75
53	28	-41.29	-1.39	50.07	-0.29	17.72	-2.99
	29	41.29	1.39	120.43	0.29	205.66	-5.86
54	28	-41.88	-2.77	50.71	-0.13	14.23	-7.14
	29	41.88	2.77	119.79	0.13	205.12	-10.46
55	28	-40.91	-2.32	50.95	0.09	14.84	-5.60
	29	40.91	2.32	119.55	-0.09	202.98	-9.15
56	28	-11.93	-2.23	116.78	0.50	-190.27	-5.35
	29	11.93	2.23	53.72	-0.50	-9.94	-8.80
57	28	-11.71	0.08	115.27	-0.05	-183.89	1.40
	29	11.71	-0.08	55.23	0.05	-6.72	-0.91
58	28	-12.31	-1.30	115.90	0.11	-187.38	-2.74
	29	12.31	1.30	54.60	-0.11	-7.26	-5.51
59	28	-11.34	-0.85	116.14	0.34	-186.77	-1.21
	29	11.34	0.85	54.36	-0.34	-9.40	-4.20
60	28	-30.88	-7.06	75.16	1.06	-63.56	-19.49
	29	30.88	7.06	95.34	-1.06	127.64	-25.36
61	28	-23.07	-4.24	96.73	0.96	-130.26	-11.36
	29	23.07	4.24	73.77	-0.96	57.35	-15.60
62	28	-31.41	-5.87	76.17	0.97	-66.67	-16.08

		29	31.41	5.87	94.33	-0.97	124.35	-21.22
63		28	-22.54	-5.43	95.72	1.05	-127.15	-14.77
		29	22.54	5.43	74.77	-1.05	60.64	-19.74
64		28	-30.15	0.62	70.12	-0.76	-42.28	3.02
		29	30.15	-0.62	100.38	0.76	138.37	0.93
65		28	-22.33	3.44	91.69	-0.86	-108.99	11.15
		29	22.33	-3.44	78.81	0.86	68.08	10.70
66		28	-30.68	1.81	71.12	-0.85	-45.39	6.42
		29	30.68	-1.81	99.37	0.85	135.08	5.08
67		28	-21.81	2.25	90.68	-0.77	-105.88	7.74
		29	21.81	-2.25	79.81	0.77	71.37	6.56
68		28	-32.14	-3.97	72.23	-0.23	-53.94	-10.80
		29	32.14	3.97	98.26	0.23	136.58	-14.40
69		28	-24.32	-1.15	93.81	-0.33	-120.64	-2.67
		29	24.32	1.15	76.69	0.33	66.29	-4.63
70		28	-32.67	-2.78	73.24	-0.31	-57.05	-7.39
		29	32.67	2.78	97.26	0.31	133.29	-10.26
71		28	-23.79	-2.34	92.80	-0.24	-117.53	-6.07
		29	23.79	2.34	77.70	0.24	69.57	-8.77
72		28	-28.90	-2.47	73.04	0.53	-51.90	-5.68
		29	28.90	2.47	97.46	-0.53	129.43	-10.03
73		28	-21.08	0.34	94.61	0.43	-118.61	2.45
		29	21.08	-0.34	75.88	-0.43	59.14	-0.26
74		28	-29.43	-1.29	74.05	0.44	-55.01	-2.27
		29	29.43	1.29	96.45	-0.44	126.14	-5.89
75		28	-20.55	-0.84	93.61	0.52	-115.50	-0.95
		29	20.55	0.84	76.89	-0.52	62.43	-4.41
30	1	29	-14.59	-0.43	70.74	1.26	-84.86	-3.31
		30	14.59	0.43	29.48	-1.26	-16.03	0.56
	2	29	-18.68	-0.09	20.26	0.84	-21.51	-1.05
		30	18.68	0.09	5.76	-0.84	-7.38	0.45
	3	29	-3.83	-0.04	4.88	0.05	-5.66	-0.29
		30	3.83	0.04	0.66	-0.05	-2.96	0.05
	4	29	-4.24	-0.07	11.61	0.05	-13.66	-0.54
		30	4.24	0.07	3.88	-0.05	-3.27	0.06
	5	29	-5.31	-0.02	-0.91	0.01	3.57	-0.23
		30	5.31	0.02	0.91	-0.01	2.28	0.11
	6	29	8.96	0.00	0.95	-0.01	-3.75	0.20
		30	-8.96	0.00	-0.95	0.01	-2.32	-0.22
	7	29	-7.78	0.28	0.85	-0.17	-2.72	0.67
		30	7.78	-0.28	-0.85	0.17	-2.74	1.15
	8	29	7.78	-0.31	-0.89	0.17	2.84	-0.75
		30	-7.78	0.31	0.89	-0.17	2.87	-1.24
	9	29	-56.96	-0.81	133.50	2.85	-153.80	-6.70
		30	56.96	0.81	50.54	-2.85	-35.28	1.54
	10	29	-44.12	-0.79	135.17	2.83	-160.39	-6.31
		30	44.12	0.79	48.86	-2.83	-39.42	1.25
	11	29	-59.18	-0.53	135.09	2.69	-159.47	-5.89
		30	59.18	0.53	48.94	-2.69	-39.80	2.48

12	29	-45.18	-1.07	133.52	3.00	-154.46	-7.17
	30	45.18	1.07	50.52	-3.00	-34.75	0.33
13	29	-54.39	-0.81	134.88	2.80	-155.56	-6.68
	30	54.39	0.81	52.46	-2.80	-33.29	1.51
14	29	-41.55	-0.79	136.56	2.79	-162.15	-6.29
	30	41.55	0.79	50.78	-2.79	-37.43	1.22
15	29	-56.61	-0.53	136.48	2.64	-161.22	-5.86
	30	56.61	0.53	50.87	-2.64	-37.81	2.45
16	29	-42.60	-1.07	134.90	2.95	-156.22	-7.15
	30	42.60	1.07	52.44	-2.95	-32.76	0.29
17	29	-54.40	-0.76	125.63	2.77	-143.17	-6.41
	30	54.40	0.76	50.10	-2.77	-29.47	1.53
18	29	-32.99	-0.74	128.43	2.74	-154.15	-5.76
	30	32.99	0.74	47.30	-2.74	-36.37	1.04
19	29	-58.10	-0.31	128.28	2.50	-152.61	-5.05
	30	58.10	0.31	47.44	-2.50	-37.01	3.09
20	29	-34.75	-1.20	125.66	3.02	-144.27	-7.20
	30	34.75	1.20	50.06	-3.02	-28.58	-0.50
21	29	-42.41	-0.61	101.13	2.18	-116.72	-5.05
	30	42.41	0.61	38.39	-2.18	-26.64	1.16
22	29	-33.85	-0.60	102.25	2.17	-121.11	-4.79
	30	33.85	0.60	37.27	-2.17	-29.40	0.97
23	29	-43.89	-0.42	102.19	2.07	-120.49	-4.51
	30	43.89	0.42	37.33	-2.07	-29.65	1.79
24	29	-34.55	-0.78	101.14	2.28	-117.16	-5.36
	30	34.55	0.78	38.38	-2.28	-26.29	0.35
25	29	-40.69	-0.61	102.06	2.15	-117.89	-5.03
	30	40.69	0.61	39.67	-2.15	-25.32	1.14
26	29	-32.13	-0.60	103.17	2.14	-122.28	-4.77
	30	32.13	0.60	38.55	-2.14	-28.08	0.95
27	29	-42.18	-0.43	103.12	2.04	-121.67	-4.49
	30	42.18	0.43	38.61	-2.04	-28.33	1.77
28	29	-32.84	-0.78	102.07	2.25	-118.33	-5.35
	30	32.84	0.78	39.66	-2.25	-24.96	0.33
29	29	-40.70	-0.58	95.89	2.13	-109.63	-4.86
	30	40.70	0.58	38.10	-2.13	-22.77	1.15
30	29	-26.43	-0.56	97.75	2.11	-116.95	-4.42
	30	26.43	0.56	36.23	-2.11	-27.37	0.83
31	29	-43.17	-0.27	97.66	1.95	-115.92	-3.95
	30	43.17	0.27	36.33	-1.95	-27.79	2.19
32	29	-27.61	-0.87	95.91	2.30	-110.36	-5.38
	30	27.61	0.87	38.08	-2.30	-22.18	-0.20
33	29	-33.27	-0.52	91.00	2.10	-106.37	-4.36
	30	33.27	0.52	35.24	-2.10	-23.41	1.01
34	29	-34.12	-0.54	93.32	2.11	-109.10	-4.46
	30	34.12	0.54	36.02	-2.11	-24.07	1.03
35	29	-34.33	-0.53	90.81	2.10	-105.65	-4.40
	30	34.33	0.53	35.43	-2.10	-22.96	1.04
36	29	-31.48	-0.52	91.19	2.10	-107.12	-4.32
	30	31.48	0.52	35.05	-2.10	-23.88	0.97

37	29	-34.83	-0.47	91.17	2.06	-106.91	-4.22
	30	34.83	0.47	35.07	-2.06	-23.96	1.24
38	29	-31.71	-0.58	90.82	2.13	-105.80	-4.51
	30	31.71	0.58	35.42	-2.13	-22.84	0.77
39	29	-33.27	-0.52	91.00	2.10	-106.37	-4.36
	30	33.27	0.52	35.24	-2.10	-23.41	1.01
40	29	-26.00	-1.27	-21.45	-0.26	83.07	-6.74
	30	26.00	1.27	21.45	0.26	54.20	-1.38
41	29	-34.15	-1.45	-18.28	0.36	71.00	-8.03
	30	34.15	1.45	18.28	-0.36	45.97	-1.26
42	29	11.61	1.63	9.74	-0.39	-29.86	5.89
	30	-11.61	-1.63	-9.74	0.39	-32.50	4.55
43	29	5.18	1.04	6.84	-0.73	-20.21	3.10
	30	-5.18	-1.04	-6.84	0.73	-23.58	3.55
44	29	-55.79	-1.30	72.47	1.72	-32.25	-9.33
	30	55.79	1.30	53.77	-1.72	21.03	1.00
45	29	-62.75	-2.28	66.63	1.95	-14.34	-12.86
	30	62.75	2.28	59.61	-1.95	40.53	-1.73
46	29	-57.71	-1.48	71.60	1.62	-29.36	-10.17
	30	57.71	1.48	54.64	-1.62	23.71	0.70
47	29	-60.82	-2.10	67.50	2.05	-17.23	-12.03
	30	60.82	2.10	58.74	-2.05	37.86	-1.43
48	29	-3.79	1.24	115.37	2.25	-198.39	4.15
	30	3.79	-1.24	10.87	-2.25	-87.36	3.76
49	29	-10.76	0.26	109.52	2.48	-180.48	0.62
	30	10.76	-0.26	16.72	-2.48	-67.86	1.03
50	29	-5.72	1.06	114.50	2.15	-195.50	3.31
	30	5.72	-1.06	11.74	-2.15	-84.68	3.46
51	29	-8.83	0.43	110.39	2.58	-183.37	1.45
	30	8.83	-0.43	15.85	-2.58	-70.53	1.33
52	29	-63.94	-1.48	75.64	2.34	-44.32	-10.62
	30	63.94	1.48	50.60	-2.34	12.81	1.12
53	29	-70.91	-2.46	69.80	2.58	-26.41	-14.15
	30	70.91	2.46	56.44	-2.58	32.31	-1.61
54	29	-65.87	-1.66	74.77	2.24	-41.43	-11.46
	30	65.87	1.66	51.47	-2.24	15.49	0.82
55	29	-68.98	-2.29	70.67	2.68	-29.30	-13.32
	30	68.98	2.29	55.57	-2.68	29.64	-1.31
56	29	4.36	1.42	112.20	1.62	-186.33	5.44
	30	-4.36	-1.42	14.04	-1.62	-79.13	3.64
57	29	-2.60	0.44	106.35	1.85	-168.41	1.91
	30	2.60	-0.44	19.89	-1.85	-59.64	0.91
58	29	2.44	1.24	111.33	1.52	-183.43	4.60
	30	-2.44	-1.24	14.91	-1.52	-76.46	3.34
59	29	-0.67	0.62	107.22	1.95	-171.31	2.74
	30	0.67	-0.62	19.02	-1.95	-62.31	1.21
60	29	-29.46	0.73	94.31	1.63	-111.31	-0.49
	30	29.46	-0.73	31.93	-1.63	-39.65	5.15
61	29	-13.86	1.49	107.18	1.79	-161.15	3.55
	30	13.86	-1.49	19.06	-1.79	-72.17	5.98

	62	29	-31.90	0.67	95.26	1.82	-114.93	-0.88
		30	31.90	-0.67	30.98	-1.82	-42.12	5.18
	63	29	-11.41	1.54	106.22	1.60	-157.53	3.94
		30	11.41	-1.54	20.02	-1.60	-69.70	5.94
	64	29	-52.68	-2.53	74.82	2.41	-51.58	-12.27
		30	52.68	2.53	51.42	-2.41	25.34	-3.95
	65	29	-37.08	-1.77	87.69	2.57	-101.43	-8.22
		30	37.08	1.77	38.55	-2.57	-7.17	-3.12
	66	29	-55.13	-2.59	75.77	2.60	-55.20	-12.65
		30	55.13	2.59	50.47	-2.60	22.88	-3.91
	67	29	-34.64	-1.72	86.74	2.38	-97.81	-7.83
		30	34.64	1.72	39.50	-2.38	-4.71	-3.16
	68	29	-35.89	0.14	91.41	1.29	-101.65	-3.28
		30	35.89	-0.14	34.83	-1.29	-30.74	4.15
	69	29	-20.29	0.90	104.27	1.45	-151.49	0.77
		30	20.29	-0.90	21.97	-1.45	-63.25	4.98
	70	29	-38.33	0.08	92.36	1.48	-105.27	-3.66
		30	38.33	-0.08	33.88	-1.48	-33.20	4.19
	71	29	-17.84	0.95	103.32	1.26	-147.87	1.15
		30	17.84	-0.95	22.92	-1.26	-60.79	4.94
	72	29	-46.25	-1.94	77.72	2.75	-61.24	-9.48
		30	46.25	1.94	48.52	-2.75	16.43	-2.95
	73	29	-30.65	-1.18	90.59	2.91	-111.08	-5.43
		30	30.65	1.18	35.65	-2.91	-16.09	-2.12
	74	29	-48.70	-2.00	78.67	2.93	-64.86	-9.87
		30	48.70	2.00	47.57	-2.93	13.96	-2.91
	75	29	-28.21	-1.13	89.64	2.72	-107.46	-5.05
		30	28.21	1.13	36.60	-2.72	-13.62	-2.16
31	1	17	-2.96	0.58	6.87	-0.22	-1.65	1.28
		22	2.96	-0.58	10.38	0.22	11.75	2.07
	2	17	-7.76	0.25	5.37	-0.01	-4.30	0.59
		22	7.76	-0.25	12.57	0.01	11.37	0.87
	3	17	-3.73	0.07	-0.08	-0.01	0.35	0.15
		22	3.73	-0.07	0.08	0.01	0.14	0.23
	4	17	-3.03	0.11	-0.17	-0.03	0.67	0.24
		22	3.03	-0.11	0.17	0.03	0.32	0.37
	5	17	-0.39	-0.12	0.01	-0.08	-0.02	-0.30
		22	0.39	0.12	-0.01	0.08	-0.02	-0.36
	6	17	0.91	0.11	-0.01	0.08	0.03	0.29
		22	-0.91	-0.11	0.01	-0.08	0.03	0.34
	7	17	6.94	0.14	-0.80	0.05	2.48	0.55
		22	-6.94	-0.14	0.80	-0.05	2.12	0.28
	8	17	-2.01	-0.14	0.78	-0.05	-2.41	-0.54
		22	2.01	0.14	-0.78	0.05	-2.06	-0.27
	9	17	-22.17	1.16	15.66	-0.41	-6.73	2.57
		22	22.17	-1.16	30.08	0.41	30.49	4.11
	10	17	-21.00	1.37	15.65	-0.26	-6.69	3.10
		22	21.00	-1.37	30.10	0.26	30.53	4.75
	11	17	-15.57	1.40	14.94	-0.29	-4.48	3.34

	22	15.57	-1.40	30.81	0.29	32.41	4.69
12	17	-23.63	1.14	16.36	-0.38	-8.89	2.36
	22	23.63	-1.14	29.39	0.38	28.64	4.20
13	17	-18.84	1.14	15.66	-0.41	-6.75	2.52
	22	18.84	-1.14	30.08	0.41	30.52	4.05
14	17	-17.67	1.35	15.65	-0.27	-6.71	3.06
	22	17.67	-1.35	30.10	0.27	30.56	4.68
15	17	-12.25	1.38	14.94	-0.29	-4.51	3.29
	22	12.25	-1.38	30.81	0.29	32.45	4.62
16	17	-20.30	1.12	16.36	-0.38	-8.91	2.31
	22	20.30	-1.12	29.39	0.38	28.68	4.13
17	17	-16.81	0.99	15.79	-0.44	-7.26	2.16
	22	16.81	-0.99	29.95	0.44	30.27	3.55
18	17	-14.86	1.33	15.77	-0.20	-7.20	3.05
	22	14.86	-1.33	29.98	0.20	30.34	4.61
19	17	-5.81	1.38	14.59	-0.24	-3.52	3.44
	22	5.81	-1.38	31.16	0.24	33.48	4.51
20	17	-19.24	0.96	16.95	-0.39	-10.86	1.81
	22	19.24	-0.96	28.79	0.39	27.20	3.69
21	17	-16.21	0.89	12.08	-0.30	-5.28	1.96
	22	16.21	-0.89	23.11	0.30	23.41	3.13
22	17	-15.43	1.02	12.07	-0.21	-5.25	2.32
	22	15.43	-1.02	23.12	0.21	23.43	3.56
23	17	-11.81	1.04	11.59	-0.22	-3.78	2.48
	22	11.81	-1.04	23.60	0.22	24.69	3.52
24	17	-17.18	0.87	12.54	-0.28	-6.72	1.82
	22	17.18	-0.87	22.65	0.28	22.18	3.19
25	17	-13.99	0.87	12.07	-0.31	-5.30	1.93
	22	13.99	-0.87	23.12	0.31	23.43	3.09
26	17	-13.21	1.01	12.06	-0.21	-5.27	2.29
	22	13.21	-1.01	23.13	0.21	23.46	3.51
27	17	-9.59	1.03	11.59	-0.23	-3.80	2.44
	22	9.59	-1.03	23.60	0.23	24.72	3.47
28	17	-14.96	0.86	12.54	-0.29	-6.73	1.79
	22	14.96	-0.86	22.65	0.29	22.20	3.15
29	17	-12.64	0.77	12.16	-0.32	-5.63	1.69
	22	12.64	-0.77	23.03	0.32	23.26	2.76
30	17	-11.33	1.00	12.15	-0.17	-5.59	2.28
	22	11.33	-1.00	23.04	0.17	23.31	3.46
31	17	-5.30	1.03	11.36	-0.19	-3.14	2.54
	22	5.30	-1.03	23.83	0.19	25.40	3.40
32	17	-14.25	0.75	12.93	-0.29	-8.03	1.46
	22	14.25	-0.75	22.26	0.29	21.22	2.85
33	17	-10.73	0.84	12.24	-0.23	-5.95	1.87
	22	10.73	-0.84	22.95	0.23	23.12	2.94
34	17	-11.33	0.86	12.21	-0.24	-5.82	1.92
	22	11.33	-0.86	22.98	0.24	23.18	3.01
35	17	-10.81	0.81	12.24	-0.25	-5.96	1.81
	22	10.81	-0.81	22.95	0.25	23.12	2.86
36	17	-10.55	0.86	12.24	-0.21	-5.95	1.93

	22	10.55	-0.86	22.95	0.21	23.12	3.01
37	17	-9.34	0.87	12.08	-0.22	-5.46	1.98
	22	9.34	-0.87	23.11	0.22	23.54	2.99
38	17	-11.13	0.81	12.40	-0.24	-6.43	1.77
	22	11.13	-0.81	22.79	0.24	22.71	2.88
39	17	-10.73	0.84	12.24	-0.23	-5.95	1.87
	22	10.73	-0.84	22.95	0.23	23.12	2.94
40	17	-25.48	-2.31	0.39	-1.69	-1.10	-5.89
	22	25.48	2.31	-0.39	1.69	-1.13	-7.40
41	17	-23.76	-2.72	0.12	-1.46	-0.34	-7.22
	22	23.76	2.72	-0.12	1.46	-0.36	-8.42
42	17	33.56	0.13	-6.19	0.28	18.96	0.74
	22	-33.56	-0.13	6.19	-0.28	16.60	0.03
43	17	39.70	-0.06	-7.25	0.23	22.18	-0.09
	22	-39.70	0.06	7.25	-0.23	19.51	-0.26
44	17	-26.14	-1.43	10.77	-1.84	-1.37	-3.79
	22	26.14	1.43	24.42	1.84	26.97	-4.46
45	17	-46.28	-1.51	14.49	-2.00	-12.74	-4.23
	22	46.28	1.51	20.70	2.00	17.01	-4.47
46	17	-24.30	-1.49	10.46	-1.85	-0.40	-4.04
	22	24.30	1.49	24.73	1.85	27.84	-4.54
47	17	-48.12	-1.46	14.81	-1.99	-13.71	-3.99
	22	48.12	1.46	20.38	1.99	16.14	-4.39
48	17	24.82	3.19	10.00	1.54	0.84	7.98
	22	-24.82	-3.19	25.19	-1.54	29.23	10.35
49	17	4.69	3.11	13.71	1.38	-10.54	7.54
	22	-4.69	-3.11	21.48	-1.38	19.26	10.33
50	17	26.67	3.13	9.68	1.53	1.80	7.73
	22	-26.67	-3.13	25.51	-1.53	30.10	10.26
51	17	2.85	3.17	14.03	1.39	-11.50	7.79
	22	-2.85	-3.17	21.16	-1.39	18.39	10.42
52	17	-24.42	-1.84	10.51	-1.61	-0.60	-5.12
	22	24.42	1.84	24.68	1.61	27.74	-5.48
53	17	-44.56	-1.92	14.22	-1.77	-11.98	-5.57
	22	44.56	1.92	20.97	1.77	17.77	-5.49
54	17	-22.58	-1.90	10.19	-1.62	0.36	-5.37
	22	22.58	1.90	25.00	1.62	28.61	-5.56
55	17	-46.40	-1.87	14.54	-1.76	-12.94	-5.32
	22	46.40	1.87	20.65	1.76	16.90	-5.40
56	17	23.10	3.60	10.27	1.31	0.07	9.32
	22	-23.10	-3.60	24.92	-1.31	28.46	11.37
57	17	2.97	3.52	13.98	1.15	-11.30	8.87
	22	-2.97	-3.52	21.21	-1.15	18.50	11.35
58	17	24.94	3.54	9.95	1.30	1.04	9.07
	22	-24.94	-3.54	25.24	-1.30	29.33	11.28
59	17	1.13	3.58	14.30	1.16	-12.27	9.12
	22	-1.13	-3.58	20.89	-1.16	17.63	11.44
60	17	15.19	0.28	6.17	-0.46	12.68	0.84
	22	-15.19	-0.28	29.02	0.46	39.39	0.74
61	17	30.48	1.66	5.94	0.56	13.34	4.38

		22	-30.48	-1.66	29.25	-0.56	40.06	5.18
62		17	15.70	0.15	6.09	-0.39	12.91	0.44
		22	-15.70	-0.15	29.10	0.39	39.61	0.44
63		17	29.96	1.79	6.02	0.49	13.11	4.78
		22	-29.96	-1.79	29.17	-0.49	39.83	5.49
64		17	-51.93	0.01	18.54	-1.01	-25.24	-0.63
		22	51.93	-0.01	16.65	1.01	6.18	0.69
65		17	-36.64	1.40	18.31	0.00	-24.58	2.90
		22	36.64	-1.40	16.88	0.00	6.85	5.13
66		17	-51.42	-0.11	18.46	-0.95	-25.02	-1.03
		22	51.42	0.11	16.73	0.95	6.40	0.39
67		17	-37.16	1.52	18.39	-0.07	-24.81	3.30
		22	37.16	-1.52	16.80	0.07	6.62	5.44
68		17	21.32	0.08	5.11	-0.51	15.90	0.02
		22	-21.32	-0.08	30.08	0.51	42.29	0.45
69		17	36.61	1.47	4.88	0.51	16.56	3.55
		22	-36.61	-1.47	30.31	-0.51	42.97	4.89
70		17	21.84	-0.04	5.03	-0.44	16.12	-0.38
		22	-21.84	0.04	30.16	0.44	42.52	0.15
71		17	36.10	1.59	4.96	0.44	16.33	3.95
		22	-36.10	-1.59	30.23	-0.44	42.74	5.20
72		17	-58.07	0.20	19.61	-0.97	-28.46	0.20
		22	58.07	-0.20	15.58	0.97	3.27	0.98
73		17	-42.78	1.59	19.38	0.05	-27.80	3.73
		22	42.78	-1.59	15.81	-0.05	3.95	5.42
74		17	-57.55	0.08	19.53	-0.90	-28.23	-0.20
		22	57.55	-0.08	15.66	0.90	3.50	0.67
75		17	-43.29	1.71	19.46	-0.02	-28.03	4.13
		22	43.29	-1.71	15.73	0.02	3.72	5.73
32	1	22	-2.96	-0.58	10.38	0.22	-11.75	-2.07
		27	2.96	0.58	6.87	-0.22	1.65	-1.28
	2	22	-7.76	-0.25	12.57	0.01	-11.37	-0.87
		27	7.76	0.25	5.37	-0.01	4.30	-0.59
	3	22	-3.73	-0.07	0.08	0.01	-0.14	-0.23
		27	3.73	0.07	-0.08	-0.01	-0.35	-0.15
	4	22	-3.03	-0.11	0.17	0.03	-0.32	-0.37
		27	3.03	0.11	-0.17	-0.03	-0.67	-0.24
	5	22	-0.39	0.12	-0.01	0.08	0.02	0.36
		27	0.39	-0.12	0.01	-0.08	0.02	0.30
	6	22	0.91	-0.11	0.01	-0.08	-0.03	-0.34
		27	-0.91	0.11	-0.01	0.08	-0.03	-0.29
	7	22	-2.06	0.14	-0.78	0.05	2.06	0.27
		27	2.06	-0.14	0.78	-0.05	2.40	0.54
	8	22	6.99	-0.14	0.80	-0.05	-2.12	-0.28
		27	-6.99	0.14	-0.80	0.05	-2.47	-0.55
	9	22	-22.17	-1.16	30.08	0.41	-30.49	-4.11
		27	22.17	1.16	15.66	-0.41	6.73	-2.57
	10	22	-21.00	-1.37	30.10	0.26	-30.53	-4.75
		27	21.00	1.37	15.65	-0.26	6.69	-3.10

11	22	-23.67	-1.14	29.39	0.38	-28.65	-4.20
	27	23.67	1.14	16.36	-0.38	8.88	-2.36
12	22	-15.53	-1.40	30.80	0.29	-32.41	-4.69
	27	15.53	1.40	14.94	-0.29	4.50	-3.34
13	22	-18.85	-1.14	30.08	0.41	-30.52	-4.05
	27	18.85	1.14	15.66	-0.41	6.75	-2.53
14	22	-17.68	-1.35	30.10	0.27	-30.56	-4.68
	27	17.68	1.35	15.65	-0.27	6.72	-3.06
15	22	-20.35	-1.12	29.39	0.38	-28.68	-4.13
	27	20.35	1.12	16.36	-0.38	8.90	-2.31
16	22	-12.20	-1.38	30.81	0.29	-32.44	-4.62
	27	12.20	1.38	14.94	-0.29	4.52	-3.29
17	22	-16.81	-0.99	29.95	0.44	-30.27	-3.55
	27	16.81	0.99	15.79	-0.44	7.26	-2.16
18	22	-14.86	-1.33	29.98	0.20	-30.34	-4.61
	27	14.86	1.33	15.77	-0.20	7.20	-3.05
19	22	-19.31	-0.96	28.80	0.39	-27.21	-3.69
	27	19.31	0.96	16.95	-0.39	10.84	-1.81
20	22	-5.74	-1.38	31.16	0.24	-33.48	-4.51
	27	5.74	1.38	14.59	-0.24	3.54	-3.44
21	22	-16.21	-0.89	23.11	0.30	-23.41	-3.13
	27	16.21	0.89	12.08	-0.30	5.28	-1.96
22	22	-15.43	-1.02	23.12	0.21	-23.43	-3.56
	27	15.43	1.02	12.07	-0.21	5.25	-2.32
23	22	-17.21	-0.87	22.65	0.28	-22.18	-3.19
	27	17.21	0.87	12.54	-0.28	6.71	-1.82
24	22	-11.78	-1.04	23.60	0.22	-24.69	-3.52
	27	11.78	1.04	11.59	-0.22	3.79	-2.48
25	22	-14.00	-0.87	23.12	0.31	-23.43	-3.09
	27	14.00	0.87	12.07	-0.31	5.30	-1.93
26	22	-13.21	-1.01	23.13	0.21	-23.46	-3.51
	27	13.21	1.01	12.06	-0.21	5.27	-2.29
27	22	-15.00	-0.86	22.65	0.29	-22.21	-3.15
	27	15.00	0.86	12.54	-0.29	6.73	-1.79
28	22	-9.57	-1.03	23.60	0.23	-24.71	-3.47
	27	9.57	1.03	11.59	-0.23	3.81	-2.44
29	22	-12.64	-0.77	23.03	0.32	-23.26	-2.76
	27	12.64	0.77	12.16	-0.32	5.64	-1.69
30	22	-11.33	-1.00	23.04	0.17	-23.31	-3.47
	27	11.33	1.00	12.15	-0.17	5.59	-2.28
31	22	-14.31	-0.75	22.26	0.29	-21.22	-2.85
	27	14.31	0.75	12.93	-0.29	8.02	-1.46
32	22	-5.26	-1.03	23.83	0.19	-25.40	-3.40
	27	5.26	1.03	11.36	-0.19	3.15	-2.54
33	22	-10.73	-0.84	22.95	0.23	-23.12	-2.94
	27	10.73	0.84	12.24	-0.23	5.95	-1.87
34	22	-11.33	-0.86	22.98	0.24	-23.18	-3.01
	27	11.33	0.86	12.21	-0.24	5.82	-1.92
35	22	-10.81	-0.81	22.95	0.25	-23.12	-2.86
	27	10.81	0.81	12.24	-0.25	5.96	-1.81

36	22	-10.55	-0.86	22.95	0.21	-23.12	-3.01
	27	10.55	0.86	12.24	-0.21	5.95	-1.93
37	22	-11.14	-0.81	22.79	0.24	-22.71	-2.88
	27	11.14	0.81	12.40	-0.24	6.43	-1.77
38	22	-9.33	-0.87	23.11	0.22	-23.54	-2.99
	27	9.33	0.87	12.08	-0.22	5.46	-1.98
39	22	-10.73	-0.84	22.95	0.23	-23.12	-2.94
	27	10.73	0.84	12.24	-0.23	5.95	-1.87
40	22	-23.77	2.72	-0.12	1.46	0.36	8.42
	27	23.77	-2.72	0.12	-1.46	0.34	7.22
41	22	-25.48	2.31	-0.39	1.69	1.13	7.40
	27	25.48	-2.31	0.39	-1.69	1.10	5.89
42	22	-33.98	0.13	-6.16	0.28	16.57	0.02
	27	33.98	-0.13	6.16	-0.28	18.87	0.72
43	22	-40.22	-0.07	-7.22	0.23	19.46	-0.27
	27	40.22	0.07	7.22	-0.23	22.07	-0.10
44	22	-44.69	1.92	20.98	1.77	-17.78	5.49
	27	44.69	-1.92	14.21	-1.77	11.95	5.56
45	22	-24.30	1.84	24.67	1.61	-27.72	5.48
	27	24.30	-1.84	10.52	-1.61	0.63	5.13
46	22	-46.56	1.86	20.66	1.76	-16.92	5.40
	27	46.56	-1.86	14.53	-1.76	12.91	5.31
47	22	-22.43	1.90	24.99	1.62	-28.59	5.57
	27	22.43	-1.90	10.20	-1.62	-0.33	5.37
48	22	2.85	-3.52	21.22	-1.15	-18.51	-11.35
	27	-2.85	3.52	13.97	1.15	11.28	-8.88
49	22	23.23	-3.60	24.92	-1.31	-28.45	-11.36
	27	-23.23	3.60	10.27	1.31	-0.05	-9.31
50	22	0.98	-3.58	20.90	-1.16	-17.64	-11.44
	27	-0.98	3.58	14.29	1.16	12.24	-9.12
51	22	25.11	-3.54	25.24	-1.30	-29.32	-11.28
	27	-25.11	3.54	9.95	1.30	-1.01	-9.06
52	22	-46.40	1.51	20.71	2.00	-17.02	4.47
	27	46.40	-1.51	14.48	-2.00	12.71	4.23
53	22	-26.01	1.44	24.41	1.84	-26.96	4.46
	27	26.01	-1.44	10.78	-1.84	1.39	3.79
54	22	-48.27	1.45	20.39	1.99	-16.15	4.38
	27	48.27	-1.45	14.80	-1.99	13.67	3.98
55	22	-24.14	1.49	24.73	1.85	-27.83	4.55
	27	24.14	-1.49	10.46	-1.85	0.43	4.04
56	22	4.56	-3.11	21.49	-1.38	-19.28	-10.33
	27	-4.56	3.11	13.70	1.38	10.51	-7.54
57	22	24.95	-3.19	25.18	-1.54	-29.22	-10.34
	27	-24.95	3.19	10.01	1.54	-0.81	-7.98
58	22	2.69	-3.17	21.17	-1.39	-18.41	-10.42
	27	-2.69	3.17	14.02	1.39	11.47	-7.79
59	22	26.82	-3.13	25.50	-1.53	-30.08	-10.26
	27	-26.82	3.13	9.69	1.53	-1.77	-7.73
60	22	-51.84	0.11	16.75	0.94	-6.44	-0.40
	27	51.84	-0.11	18.44	-0.94	24.93	1.01

61	22	-37.57	-1.52	16.82	0.07	-6.66	-5.45	
	27	37.57	1.52	18.37	-0.07	24.72	-3.32	
62	22	-52.35	-0.01	16.67	1.01	-6.21	-0.70	
	27	52.35	0.01	18.52	-1.01	25.15	0.61	
63	22	-37.06	-1.40	16.90	0.00	-6.89	-5.14	
	27	37.06	1.40	18.29	0.00	24.49	-2.92	
64	22	16.12	-0.15	29.07	0.39	-39.57	-0.43	
	27	-16.12	0.15	6.12	-0.39	-12.82	-0.43	
65	22	30.38	-1.78	29.15	-0.48	-39.79	-5.48	
	27	-30.38	1.78	6.04	0.48	-13.02	-4.76	
66	22	15.61	-0.27	28.99	0.46	-39.35	-0.73	
	27	-15.61	0.27	6.20	-0.46	-12.59	-0.83	
67	22	30.90	-1.66	29.23	-0.55	-40.02	-5.17	
	27	-30.90	1.66	5.96	0.55	-13.25	-4.36	
68	22	-58.07	-0.09	15.69	0.90	-3.54	-0.69	
	27	58.07	0.09	19.50	-0.90	28.13	0.19	
69	22	-43.81	-1.72	15.76	0.02	-3.76	-5.74	
	27	43.81	1.72	19.43	-0.02	27.92	-4.14	
70	22	-58.59	-0.21	15.61	0.97	-3.32	-0.99	
	27	58.59	0.21	19.58	-0.97	28.35	-0.21	
71	22	-43.30	-1.60	15.84	-0.05	-3.99	-5.43	
	27	43.30	1.60	19.35	0.05	27.69	-3.74	
72	22	22.36	0.04	30.13	0.44	-42.47	-0.14	
	27	-22.36	-0.04	5.06	-0.44	-16.02	0.39	
73	22	36.62	-1.59	30.21	-0.44	-42.69	-5.19	
	27	-36.62	1.59	4.98	0.44	-16.22	-3.94	
74	22	21.85	-0.08	30.05	0.51	-42.24	-0.44	
	27	-21.85	0.08	5.14	-0.51	-15.79	-0.01	
75	22	37.13	-1.46	30.29	-0.51	-42.92	-4.88	
	27	-37.13	1.46	4.90	0.51	-16.45	-3.54	
33	1	18	17.76	0.00	6.65	0.00	-0.99	0.00
		23	-17.76	0.00	10.60	0.00	12.35	0.00
2	18	-1.46	0.00	5.28	0.00	-4.01	0.00	
	23	1.46	0.00	12.66	0.00	11.60	0.00	
3	18	-1.73	0.00	-0.10	0.00	0.40	0.00	
	23	1.73	0.00	0.10	0.00	0.19	0.00	
4	18	0.87	0.00	-0.21	0.00	0.76	0.00	
	23	-0.87	0.00	0.21	0.00	0.42	0.00	
5	18	0.10	-0.11	0.00	-0.09	0.00	-0.31	
	23	-0.10	0.11	0.00	0.09	0.00	-0.33	
6	18	0.07	0.11	0.00	0.09	0.00	0.31	
	23	-0.07	-0.11	0.00	-0.09	0.00	0.33	
7	18	8.52	0.00	-1.11	0.00	3.39	0.00	
	23	-8.52	0.00	1.11	0.00	3.00	0.00	
8	18	-3.31	0.00	1.09	0.00	-3.32	0.00	
	23	3.31	0.00	-1.09	0.00	-2.93	0.00	
9	18	19.32	-0.10	15.20	-0.09	-5.33	-0.29	
	23	-19.32	0.10	30.54	0.09	31.74	-0.30	
10	18	19.29	0.10	15.20	0.08	-5.33	0.28	

	23	-19.29	-0.10	30.54	-0.08	31.74	0.30
11	18	26.90	0.00	14.20	0.00	-2.28	-0.01
	23	-26.90	0.00	31.54	0.00	34.44	0.00
12	18	16.26	0.00	16.18	0.00	-8.32	0.00
	23	-16.26	0.00	29.56	0.00	29.10	0.00
13	18	22.57	-0.10	15.20	-0.09	-5.37	-0.29
	23	-22.57	0.10	30.54	0.09	31.78	-0.30
14	18	22.55	0.10	15.20	0.08	-5.37	0.28
	23	-22.55	-0.10	30.54	-0.08	31.78	0.30
15	18	30.15	0.00	14.20	0.00	-2.32	-0.01
	23	-30.15	0.00	31.54	0.00	34.47	0.00
16	18	19.51	0.00	16.18	0.00	-8.36	0.00
	23	-19.51	0.00	29.57	0.00	29.14	0.00
17	18	21.98	-0.17	15.36	-0.14	-5.94	-0.47
	23	-21.98	0.17	30.39	0.14	31.46	-0.50
18	18	21.93	0.17	15.36	0.14	-5.94	0.47
	23	-21.93	-0.17	30.39	-0.14	31.46	0.50
19	18	34.62	0.00	13.69	0.00	-0.85	-0.01
	23	-34.62	0.00	32.06	0.00	35.95	0.00
20	18	16.88	0.00	16.99	0.00	-10.92	0.00
	23	-16.88	0.00	28.76	0.00	27.06	0.00
21	18	15.06	-0.07	11.73	-0.06	-4.22	-0.19
	23	-15.06	0.07	23.46	0.06	24.36	-0.20
22	18	15.04	0.07	11.73	0.06	-4.22	0.19
	23	-15.04	-0.07	23.46	-0.06	24.36	0.20
23	18	20.11	0.00	11.06	0.00	-2.19	0.00
	23	-20.11	0.00	24.13	0.00	26.15	0.00
24	18	13.01	0.00	12.38	0.00	-6.22	0.00
	23	-13.01	0.00	22.81	0.00	22.60	0.00
25	18	17.22	-0.07	11.73	-0.06	-4.25	-0.19
	23	-17.22	0.07	23.46	0.06	24.38	-0.20
26	18	17.20	0.07	11.73	0.06	-4.25	0.19
	23	-17.20	-0.07	23.46	-0.06	24.38	0.20
27	18	22.28	0.00	11.06	0.00	-2.21	0.00
	23	-22.28	0.00	24.13	0.00	26.18	0.00
28	18	15.18	0.00	12.38	0.00	-6.24	0.00
	23	-15.18	0.00	22.81	0.00	22.62	0.00
29	18	16.83	-0.11	11.83	-0.09	-4.62	-0.32
	23	-16.83	0.11	23.36	0.09	24.17	-0.34
30	18	16.80	0.11	11.83	0.09	-4.63	0.31
	23	-16.80	-0.11	23.36	-0.09	24.17	0.33
31	18	25.25	0.00	10.72	0.00	-1.24	0.00
	23	-25.25	0.00	24.47	0.00	27.16	0.00
32	18	13.42	0.00	12.92	0.00	-7.95	0.00
	23	-13.42	0.00	22.27	0.00	21.24	0.00
33	18	16.30	0.00	11.93	0.00	-5.01	0.00
	23	-16.30	0.00	23.26	0.00	23.95	0.00
34	18	16.47	0.00	11.89	0.00	-4.86	0.00
	23	-16.47	0.00	23.30	0.00	24.04	0.00
35	18	16.32	-0.02	11.93	-0.02	-5.01	-0.07

	23	-16.32	0.02	23.26	0.02	23.95	-0.07
36	18	16.31	0.02	11.93	0.02	-5.01	0.06
	23	-16.31	-0.02	23.26	-0.02	23.95	0.06
37	18	18.00	0.00	11.71	0.00	-4.33	0.00
	23	-18.00	0.00	23.48	0.00	24.55	0.00
38	18	15.64	0.00	12.15	0.00	-5.67	0.00
	23	-15.64	0.00	23.04	0.00	23.37	0.00
39	18	16.30	0.00	11.93	0.00	-5.01	0.00
	23	-16.30	0.00	23.26	0.00	23.95	0.00
40	18	0.35	-2.32	0.00	-2.05	0.01	-5.93
	23	-0.35	2.32	0.00	2.05	0.01	-7.43
41	18	0.36	-3.05	0.00	-1.85	0.01	-8.69
	23	-0.36	3.05	0.00	1.85	0.01	-8.82
42	18	34.83	0.23	-6.82	0.04	20.92	1.05
	23	-34.83	-0.23	6.82	-0.04	18.28	0.30
43	18	34.83	-0.24	-6.82	-0.04	20.92	-1.08
	23	-34.83	0.24	6.82	0.04	18.28	-0.31
44	18	27.10	-2.25	9.89	-2.03	1.28	-5.61
	23	-27.10	2.25	25.30	2.03	29.44	-7.34
45	18	6.20	-2.39	13.98	-2.06	-11.28	-6.24
	23	-6.20	2.39	21.21	2.06	18.48	-7.52
46	18	27.09	-2.40	9.89	-2.06	1.28	-6.25
	23	-27.09	2.40	25.30	2.06	29.44	-7.53
47	18	6.20	-2.25	13.98	-2.03	-11.28	-5.60
	23	-6.20	2.25	21.21	2.03	18.48	-7.34
48	18	26.40	2.39	9.89	2.06	1.26	6.24
	23	-26.40	-2.39	25.30	-2.06	29.43	7.52
49	18	5.50	2.25	13.98	2.03	-11.29	5.61
	23	-5.50	-2.25	21.21	-2.03	18.46	7.34
50	18	26.40	2.25	9.89	2.03	1.26	5.60
	23	-26.40	-2.25	25.30	-2.03	29.43	7.34
51	18	5.50	2.39	13.98	2.06	-11.29	6.25
	23	-5.50	-2.39	21.21	-2.06	18.46	7.52
52	18	27.11	-2.98	9.88	-1.84	1.28	-8.38
	23	-27.11	2.98	25.31	1.84	29.45	-8.73
53	18	6.21	-3.12	13.97	-1.86	-11.27	-9.01
	23	-6.21	3.12	21.22	1.86	18.48	-8.91
54	18	27.10	-3.12	9.88	-1.86	1.28	-9.02
	23	-27.10	3.12	25.31	1.86	29.45	-8.92
55	18	6.21	-2.97	13.97	-1.84	-11.27	-8.37
	23	-6.21	2.97	21.22	1.84	18.48	-8.73
56	18	26.39	3.12	9.89	1.86	1.26	9.01
	23	-26.39	-3.12	25.30	-1.86	29.42	8.91
57	18	5.49	2.97	13.98	1.84	-11.30	8.38
	23	-5.49	-2.97	21.21	-1.84	18.46	8.73
58	18	26.39	2.97	9.89	1.84	1.25	8.37
	23	-26.39	-2.97	25.30	-1.84	29.42	8.73
59	18	5.49	3.12	13.98	1.86	-11.30	9.01
	23	-5.49	-3.12	21.21	-1.86	18.46	8.91
60	18	51.24	-0.46	5.11	-0.58	15.92	-0.73

		23	-51.24	0.46	30.08	0.58	42.23	-1.94
61		18	51.03	0.93	5.12	0.65	15.91	2.83
		23	-51.03	-0.93	30.07	-0.65	42.23	2.52
62		18	51.24	-0.68	5.11	-0.52	15.92	-1.56
		23	-51.24	0.68	30.08	0.52	42.23	-2.35
63		18	51.02	1.15	5.12	0.59	15.91	3.66
		23	-51.02	-1.15	30.07	-0.59	42.23	2.94
64		18	-18.43	-0.93	18.75	-0.65	-25.93	-2.83
		23	18.43	0.93	16.44	0.65	5.68	-2.53
65		18	-18.64	0.46	18.75	0.57	-25.93	0.72
		23	18.64	-0.46	16.44	-0.57	5.67	1.93
66		18	-18.43	-1.15	18.75	-0.60	-25.93	-3.66
		23	18.43	1.15	16.44	0.60	5.68	-2.95
67		18	-18.64	0.68	18.75	0.52	-25.94	1.55
		23	18.64	-0.68	16.44	-0.52	5.67	2.35
68		18	51.23	-0.94	5.12	-0.66	15.92	-2.86
		23	-51.23	0.94	30.07	0.66	42.23	-2.54
69		18	51.02	0.45	5.12	0.57	15.91	0.70
		23	-51.02	-0.45	30.07	-0.57	42.22	1.92
70		18	51.23	-1.16	5.12	-0.60	15.92	-3.69
		23	-51.23	1.16	30.07	0.60	42.23	-2.96
71		18	51.02	0.67	5.12	0.51	15.91	1.53
		23	-51.02	-0.67	30.07	-0.51	42.22	2.34
72		18	-18.43	-0.46	18.75	-0.57	-25.93	-0.70
		23	18.43	0.46	16.44	0.57	5.68	-1.92
73		18	-18.64	0.94	18.75	0.65	-25.93	2.85
		23	18.64	-0.94	16.44	-0.65	5.67	2.53
74		18	-18.42	-0.67	18.75	-0.52	-25.93	-1.53
		23	18.42	0.67	16.44	0.52	5.68	-2.34
75		18	-18.64	1.15	18.75	0.60	-25.93	3.68
		23	18.64	-1.15	16.44	-0.60	5.67	2.95

34	1	23	17.76	0.00	10.60	0.00	-12.35	0.00
		28	-17.76	0.00	6.65	0.00	0.99	0.00
	2	23	-1.46	0.00	12.66	0.00	-11.60	0.00
		28	1.46	0.00	5.28	0.00	4.01	0.00
	3	23	-1.73	0.00	0.10	0.00	-0.19	0.00
		28	1.73	0.00	-0.10	0.00	-0.40	0.00
	4	23	0.87	0.00	0.21	0.00	-0.42	0.00
		28	-0.87	0.00	-0.21	0.00	-0.76	0.00
	5	23	0.10	0.11	0.00	0.09	0.00	0.33
		28	-0.10	-0.11	0.00	-0.09	0.00	0.31
	6	23	0.07	-0.11	0.00	-0.09	0.00	-0.33
		28	-0.07	0.11	0.00	0.09	0.00	-0.31
	7	23	-3.34	0.00	-1.08	0.00	2.92	0.00
		28	3.34	0.00	1.08	0.00	3.30	0.00
	8	23	8.55	0.00	1.11	0.00	-2.99	0.00
		28	-8.55	0.00	-1.11	0.00	-3.38	0.00
	9	23	19.32	0.10	30.54	0.09	-31.74	0.30
		28	-19.32	-0.10	15.20	-0.09	5.33	0.29

10	23	19.29	-0.10	30.54	-0.08	-31.74	-0.30
	28	-19.29	0.10	15.20	0.08	5.34	-0.28
11	23	16.23	0.00	29.57	0.00	-29.11	0.00
	28	-16.23	0.00	16.18	0.00	8.31	0.00
12	23	26.93	0.00	31.54	0.00	-34.43	0.00
	28	-26.93	0.00	14.21	0.00	2.30	0.01
13	23	22.57	0.10	30.54	0.09	-31.78	0.30
	28	-22.57	-0.10	15.20	-0.09	5.37	0.29
14	23	22.54	-0.10	30.54	-0.08	-31.77	-0.30
	28	-22.54	0.10	15.20	0.08	5.37	-0.28
15	23	19.48	0.00	29.57	0.00	-29.14	0.00
	28	-19.48	0.00	16.18	0.00	8.34	0.00
16	23	30.18	0.00	31.54	0.00	-34.47	0.00
	28	-30.18	0.00	14.21	0.00	2.33	0.01
17	23	21.98	0.17	30.39	0.14	-31.46	0.50
	28	-21.98	-0.17	15.36	-0.14	5.94	0.47
18	23	21.93	-0.17	30.39	-0.14	-31.46	-0.50
	28	-21.93	0.17	15.36	0.14	5.94	-0.47
19	23	16.83	0.00	28.76	0.00	-27.07	0.00
	28	-16.83	0.00	16.98	0.00	10.90	0.00
20	23	34.66	0.00	32.05	0.00	-35.94	0.01
	28	-34.66	0.00	13.70	0.00	0.87	0.01
21	23	15.05	0.07	23.46	0.06	-24.35	0.20
	28	-15.05	-0.07	11.73	-0.06	4.22	0.19
22	23	15.03	-0.07	23.46	-0.06	-24.35	-0.20
	28	-15.03	0.07	11.73	0.06	4.23	-0.19
23	23	12.99	0.00	22.81	0.00	-22.60	0.00
	28	-12.99	0.00	12.38	0.00	6.21	0.00
24	23	20.13	0.00	24.13	0.00	-26.15	0.00
	28	-20.13	0.00	11.06	0.00	2.20	0.00
25	23	17.22	0.07	23.46	0.06	-24.38	0.20
	28	-17.22	-0.07	11.73	-0.06	4.25	0.19
26	23	17.20	-0.07	23.46	-0.06	-24.38	-0.20
	28	-17.20	0.07	11.73	0.06	4.25	-0.19
27	23	15.16	0.00	22.81	0.00	-22.62	0.00
	28	-15.16	0.00	12.38	0.00	6.23	0.00
28	23	22.29	0.00	24.13	0.00	-26.17	0.00
	28	-22.29	0.00	11.06	0.00	2.22	0.00
29	23	16.83	0.11	23.36	0.09	-24.17	0.34
	28	-16.83	-0.11	11.83	-0.09	4.63	0.32
30	23	16.79	-0.11	23.36	-0.09	-24.17	-0.33
	28	-16.79	0.11	11.83	0.09	4.63	-0.31
31	23	13.39	0.00	22.28	0.00	-21.24	0.00
	28	-13.39	0.00	12.91	0.00	7.93	0.00
32	23	25.28	0.00	24.47	0.00	-27.16	0.00
	28	-25.28	0.00	10.72	0.00	1.25	0.00
33	23	16.30	0.00	23.26	0.00	-23.95	0.00
	28	-16.30	0.00	11.93	0.00	5.01	0.00
34	23	16.47	0.00	23.30	0.00	-24.04	0.00
	28	-16.47	0.00	11.89	0.00	4.86	0.00

35	23	16.32	0.02	23.26	0.02	-23.95	0.07
	28	-16.32	-0.02	11.93	-0.02	5.01	0.07
36	23	16.31	-0.02	23.26	-0.02	-23.95	-0.06
	28	-16.31	0.02	11.93	0.02	5.01	-0.06
37	23	15.63	0.00	23.04	0.00	-23.37	0.00
	28	-15.63	0.00	12.15	0.00	5.67	0.00
38	23	18.01	0.00	23.48	0.00	-24.55	0.00
	28	-18.01	0.00	11.71	0.00	4.33	0.00
39	23	16.30	0.00	23.26	0.00	-23.95	0.00
	28	-16.30	0.00	11.93	0.00	5.01	0.00
40	23	0.36	3.05	0.01	1.85	-0.01	8.82
	28	-0.36	-3.05	-0.01	-1.85	-0.01	8.69
41	23	0.35	2.32	0.00	2.04	-0.01	7.43
	28	-0.35	-2.32	0.00	-2.04	-0.01	5.92
42	23	-35.01	0.23	-6.79	0.04	18.23	0.29
	28	35.01	-0.23	6.79	-0.04	20.83	1.05
43	23	-35.01	-0.24	-6.79	-0.04	18.23	-0.31
	28	35.01	0.24	6.79	0.04	20.83	-1.08
44	23	6.15	3.12	21.22	1.86	-18.50	8.91
	28	-6.15	-3.12	13.97	-1.86	11.24	9.01
45	23	27.16	2.98	25.30	1.84	-29.44	8.74
	28	-27.16	-2.98	9.89	-1.84	-1.26	8.38
46	23	6.16	2.97	21.22	1.84	-18.50	8.73
	28	-6.16	-2.97	13.97	-1.84	11.24	8.37
47	23	27.16	3.12	25.30	1.87	-29.44	8.92
	28	-27.16	-3.12	9.89	-1.87	-1.26	9.02
48	23	5.43	-2.98	21.21	-1.84	-18.47	-8.73
	28	-5.43	2.98	13.98	1.84	11.27	-8.38
49	23	26.44	-3.12	25.29	-1.86	-29.41	-8.91
	28	-26.44	3.12	9.90	1.86	-1.23	-9.01
50	23	5.43	-3.12	21.21	-1.86	-18.47	-8.91
	28	-5.43	3.12	13.98	1.86	11.27	-9.02
51	23	26.44	-2.97	25.29	-1.84	-29.41	-8.73
	28	-26.44	2.97	9.90	1.84	-1.23	-8.37
52	23	6.14	2.39	21.22	2.06	-18.49	7.52
	28	-6.14	-2.39	13.97	-2.06	11.25	6.24
53	23	27.15	2.25	25.30	2.03	-29.43	7.35
	28	-27.15	-2.25	9.89	-2.03	-1.25	5.61
54	23	6.14	2.25	21.22	2.03	-18.49	7.34
	28	-6.14	-2.25	13.97	-2.03	11.25	5.60
55	23	27.15	2.40	25.30	2.06	-29.43	7.53
	28	-27.15	-2.40	9.89	-2.06	-1.25	6.25
56	23	5.44	-2.25	21.22	-2.03	-18.47	-7.34
	28	-5.44	2.25	13.97	2.03	11.27	-5.61
57	23	26.45	-2.39	25.29	-2.06	-29.41	-7.52
	28	-26.45	2.39	9.90	2.06	-1.23	-6.24
58	23	5.45	-2.39	21.22	-2.06	-18.47	-7.52
	28	-5.45	2.39	13.97	2.06	11.27	-6.25
59	23	26.45	-2.25	25.29	-2.03	-29.41	-7.34
	28	-26.45	2.25	9.90	2.03	-1.23	-5.60

60	23	-18.61	1.15	16.46	0.59	-5.72	2.94	
	28	18.61	-1.15	18.73	-0.59	25.84	3.66	
61	23	-18.82	-0.68	16.46	-0.52	-5.71	-2.35	
	28	18.82	0.68	18.73	0.52	25.85	-1.56	
62	23	-18.61	0.93	16.46	0.65	-5.72	2.53	
	28	18.61	-0.93	18.73	-0.65	25.84	2.83	
63	23	-18.82	-0.46	16.46	-0.57	-5.71	-1.93	
	28	18.82	0.46	18.73	0.57	25.84	-0.73	
64	23	51.42	0.68	30.05	0.52	-42.19	2.36	
	28	-51.42	-0.68	5.14	-0.52	-15.83	1.56	
65	23	51.20	-1.15	30.05	-0.59	-42.18	-2.94	
	28	-51.20	1.15	5.14	0.59	-15.82	-3.66	
66	23	51.41	0.46	30.05	0.58	-42.19	1.94	
	28	-51.41	-0.46	5.14	-0.58	-15.83	0.73	
67	23	51.20	-0.93	30.05	-0.65	-42.18	-2.52	
	28	-51.20	0.93	5.14	0.65	-15.82	-2.82	
68	23	-18.60	0.67	16.46	0.52	-5.72	2.34	
	28	18.60	-0.67	18.73	-0.52	25.83	1.53	
69	23	-18.82	-1.15	16.46	-0.60	-5.72	-2.95	
	28	18.82	1.15	18.73	0.60	25.84	-3.69	
70	23	-18.61	0.46	16.46	0.57	-5.72	1.92	
	28	18.61	-0.46	18.73	-0.57	25.84	0.70	
71	23	-18.82	-0.94	16.46	-0.65	-5.72	-2.54	
	28	18.82	0.94	18.73	0.65	25.84	-2.86	
72	23	51.41	1.16	30.05	0.60	-42.19	2.96	
	28	-51.41	-1.16	5.14	-0.60	-15.83	3.69	
73	23	51.20	-0.67	30.05	-0.51	-42.18	-2.33	
	28	-51.20	0.67	5.14	0.51	-15.82	-1.53	
74	23	51.41	0.94	30.05	0.66	-42.19	2.54	
	28	-51.41	-0.94	5.14	-0.66	-15.82	2.86	
75	23	51.20	-0.45	30.05	-0.57	-42.18	-1.92	
	28	-51.20	0.45	5.14	0.57	-15.82	-0.69	
35	1	19	-2.97	-0.58	6.87	0.22	-1.65	-1.28
	24	24	2.97	0.58	10.38	-0.22	11.75	-2.07
2	19	-7.76	-0.26	5.37	0.01	-4.30	-0.60	
	24	7.76	0.26	12.57	-0.01	11.37	-0.87	
3	19	-3.73	-0.07	-0.08	0.01	0.35	-0.15	
	24	3.73	0.07	0.08	-0.01	0.14	-0.23	
4	19	-3.03	-0.11	-0.17	0.03	0.67	-0.24	
	24	3.03	0.11	0.17	-0.03	0.32	-0.37	
5	19	0.92	-0.11	-0.01	-0.08	0.03	-0.29	
	24	-0.92	0.11	0.01	0.08	0.03	-0.34	
6	19	-0.41	0.12	0.01	0.08	-0.02	0.30	
	24	0.41	-0.12	-0.01	-0.08	-0.02	0.36	
7	19	6.94	-0.14	-0.80	-0.05	2.48	-0.55	
	24	-6.94	0.14	0.80	0.05	2.12	-0.28	
8	19	-2.01	0.14	0.78	0.05	-2.41	0.54	
	24	2.01	-0.14	-0.78	-0.05	-2.06	0.27	
9	19	-21.00	-1.37	15.65	0.26	-6.69	-3.11	

	24	21.00	1.37	30.10	-0.26	30.53	-4.75
10	19	-22.19	-1.17	15.66	0.40	-6.73	-2.58
	24	22.19	1.17	30.08	-0.40	30.49	-4.12
11	19	-15.58	-1.40	14.94	0.29	-4.49	-3.35
	24	15.58	1.40	30.81	-0.29	32.41	-4.70
12	19	-23.63	-1.14	16.36	0.38	-8.88	-2.36
	24	23.63	1.14	29.39	-0.38	28.64	-4.20
13	19	-17.67	-1.35	15.65	0.27	-6.71	-3.06
	24	17.67	1.35	30.10	-0.27	30.56	-4.69
14	19	-18.86	-1.15	15.66	0.41	-6.75	-2.53
	24	18.86	1.15	30.08	-0.41	30.52	-4.06
15	19	-12.25	-1.38	14.94	0.29	-4.51	-3.30
	24	12.25	1.38	30.81	-0.29	32.45	-4.63
16	19	-20.31	-1.12	16.36	0.38	-8.91	-2.32
	24	20.31	1.12	29.39	-0.38	28.68	-4.14
17	19	-14.84	-1.33	15.77	0.20	-7.20	-3.05
	24	14.84	1.33	29.98	-0.20	30.34	-4.61
18	19	-16.83	-1.00	15.79	0.44	-7.26	-2.17
	24	16.83	1.00	29.95	-0.44	30.27	-3.56
19	19	-5.82	-1.39	14.59	0.24	-3.52	-3.45
	24	5.82	1.39	31.16	-0.24	33.48	-4.52
20	19	-19.24	-0.96	16.95	0.39	-10.86	-1.81
	24	19.24	0.96	28.79	-0.39	27.20	-3.70
21	19	-15.43	-1.02	12.07	0.20	-5.25	-2.32
	24	15.43	1.02	23.12	-0.20	23.43	-3.56
22	19	-16.22	-0.89	12.08	0.30	-5.28	-1.97
	24	16.22	0.89	23.11	-0.30	23.41	-3.14
23	19	-11.82	-1.04	11.59	0.22	-3.78	-2.48
	24	11.82	1.04	23.60	-0.22	24.69	-3.52
24	19	-17.19	-0.87	12.54	0.28	-6.72	-1.83
	24	17.19	0.87	22.65	-0.28	22.18	-3.19
25	19	-13.21	-1.01	12.06	0.21	-5.27	-2.29
	24	13.21	1.01	23.13	-0.21	23.46	-3.52
26	19	-14.00	-0.88	12.07	0.30	-5.30	-1.94
	24	14.00	0.88	23.12	-0.30	23.43	-3.10
27	19	-9.60	-1.03	11.59	0.23	-3.80	-2.45
	24	9.60	1.03	23.60	-0.23	24.72	-3.48
28	19	-14.97	-0.86	12.54	0.29	-6.73	-1.80
	24	14.97	0.86	22.65	-0.29	22.20	-3.15
29	19	-11.33	-1.00	12.15	0.16	-5.59	-2.29
	24	11.33	1.00	23.04	-0.16	23.31	-3.47
30	19	-12.65	-0.78	12.16	0.32	-5.63	-1.70
	24	12.65	0.78	23.03	-0.32	23.26	-2.77
31	19	-5.31	-1.04	11.36	0.19	-3.14	-2.55
	24	5.31	1.04	23.83	-0.19	25.40	-3.41
32	19	-14.26	-0.75	12.93	0.29	-8.03	-1.46
	24	14.26	0.75	22.26	-0.29	21.22	-2.86
33	19	-10.73	-0.84	12.24	0.23	-5.95	-1.88
	24	10.73	0.84	22.95	-0.23	23.12	-2.94
34	19	-11.34	-0.86	12.21	0.23	-5.82	-1.93

	24	11.34	0.86	22.98	-0.23	23.18	-3.02
35	19	-10.55	-0.86	12.24	0.21	-5.95	-1.94
	24	10.55	0.86	22.95	-0.21	23.12	-3.01
36	19	-10.81	-0.82	12.24	0.24	-5.96	-1.82
	24	10.81	0.82	22.95	-0.24	23.12	-2.87
37	19	-9.34	-0.87	12.08	0.22	-5.46	-1.99
	24	9.34	0.87	23.11	-0.22	23.54	-3.00
38	19	-11.13	-0.81	12.40	0.24	-6.43	-1.77
	24	11.13	0.81	22.79	-0.24	22.71	-2.89
39	19	-10.73	-0.84	12.24	0.23	-5.95	-1.88
	24	10.73	0.84	22.95	-0.23	23.12	-2.94
40	19	25.72	-2.30	-0.39	-1.70	1.10	-5.87
	24	-25.72	2.30	0.39	1.70	1.13	-7.35
41	19	24.02	-2.71	-0.13	-1.48	0.35	-7.21
	24	-24.02	2.71	0.13	1.48	0.37	-8.37
42	19	39.69	0.06	-7.25	-0.23	22.17	0.07
	24	-39.69	-0.06	7.25	0.23	19.51	0.25
43	19	33.55	-0.14	-6.18	-0.28	18.95	-0.75
	24	-33.55	0.14	6.18	0.28	16.60	-0.04
44	19	26.90	-3.12	9.68	-1.54	1.80	-7.73
	24	-26.90	3.12	25.51	1.54	30.10	-10.22
45	19	3.08	-3.15	14.03	-1.40	-11.50	-7.77
	24	-3.08	3.15	21.16	1.40	18.40	-10.37
46	19	25.05	-3.18	10.00	-1.56	0.84	-7.97
	24	-25.05	3.18	25.19	1.56	29.23	-10.30
47	19	4.92	-3.10	13.71	-1.39	-10.54	-7.52
	24	-4.92	3.10	21.48	1.39	19.27	-10.28
48	19	-24.54	1.48	10.46	1.86	-0.40	4.01
	24	24.54	-1.48	24.73	-1.86	27.84	4.48
49	19	-48.36	1.44	14.81	2.00	-13.71	3.97
	24	48.36	-1.44	20.38	-2.00	16.14	4.33
50	19	-26.39	1.42	10.78	1.85	-1.37	3.76
	24	26.39	-1.42	24.41	-1.85	26.97	4.40
51	19	-46.51	1.50	14.49	2.01	-12.74	4.21
	24	46.51	-1.50	20.70	-2.01	17.01	4.42
52	19	25.20	-3.53	9.94	-1.32	1.05	-9.07
	24	-25.20	3.53	25.25	1.32	29.34	-11.24
53	19	1.38	-3.57	14.29	-1.18	-12.26	-9.11
	24	-1.38	3.57	20.90	1.18	17.64	-11.39
54	19	23.35	-3.59	10.26	-1.33	0.08	-9.31
	24	-23.35	3.59	24.93	1.33	28.47	-11.33
55	19	3.22	-3.51	13.97	-1.17	-11.29	-8.86
	24	-3.22	3.51	21.22	1.17	18.51	-11.30
56	19	-22.84	1.89	10.19	1.64	0.35	5.35
	24	22.84	-1.89	25.00	-1.64	28.60	5.51
57	19	-46.66	1.85	14.54	1.78	-12.95	5.31
	24	46.66	-1.85	20.65	-1.78	16.89	5.35
58	19	-24.69	1.83	10.51	1.62	-0.61	5.10
	24	24.69	-1.83	24.68	-1.62	27.72	5.42
59	19	-44.81	1.91	14.22	1.79	-11.99	5.55

		24	44.81	-1.91	20.97	-1.79	17.77	5.44
60		19	36.68	-1.47	4.88	-0.52	16.55	-3.57
		24	-36.68	1.47	30.31	0.52	42.96	-4.90
61		19	21.25	-0.09	5.11	0.51	15.89	-0.05
		24	-21.25	0.09	30.08	-0.51	42.29	-0.49
62		19	36.17	-1.60	4.96	-0.45	16.33	-3.97
		24	-36.17	1.60	30.23	0.45	42.74	-5.20
63		19	21.76	0.03	5.03	0.44	16.12	0.35
		24	-21.76	-0.03	30.16	-0.44	42.51	-0.18
64		19	-42.71	-1.58	19.38	-0.05	-27.80	-3.71
		24	42.71	1.58	15.81	0.05	3.95	-5.40
65		19	-58.14	-0.20	19.61	0.97	-28.46	-0.19
		24	58.14	0.20	15.58	-0.97	3.27	-0.99
66		19	-43.22	-1.71	19.45	0.02	-28.02	-4.11
		24	43.22	1.71	15.74	-0.02	3.72	-5.71
67		19	-57.63	-0.08	19.53	0.90	-28.23	0.22
		24	57.63	0.08	15.66	-0.90	3.50	-0.68
68		19	30.53	-1.66	5.94	-0.56	13.33	-4.39
		24	-30.53	1.66	29.25	0.56	40.05	-5.18
69		19	15.10	-0.29	6.18	0.46	12.67	-0.87
		24	-15.10	0.29	29.01	-0.46	39.38	-0.77
70		19	30.02	-1.79	6.02	-0.49	13.10	-4.79
		24	-30.02	1.79	29.17	0.49	39.83	-5.49
71		19	15.61	-0.16	6.10	0.39	12.90	-0.47
		24	-15.61	0.16	29.09	-0.39	39.60	-0.47
72		19	-36.56	-1.39	18.31	0.00	-24.57	-2.89
		24	36.56	1.39	16.88	0.00	6.86	-5.11
73		19	-51.99	-0.01	18.54	1.02	-25.24	0.63
		24	51.99	0.01	16.65	-1.02	6.18	-0.70
74		19	-37.07	-1.51	18.39	0.06	-24.80	-3.29
		24	37.07	1.51	16.80	-0.06	6.63	-5.42
75		19	-51.48	0.11	18.46	0.95	-25.01	1.03
		24	51.48	-0.11	16.73	-0.95	6.41	-0.40
36	1	24	-2.97	0.58	10.38	-0.22	-11.75	2.07
		29	2.97	-0.58	6.87	0.22	1.65	1.28
	2	24	-7.76	0.26	12.57	-0.01	-11.37	0.87
		29	7.76	-0.26	5.37	0.01	4.30	0.60
	3	24	-3.73	0.07	0.08	-0.01	-0.14	0.23
		29	3.73	-0.07	-0.08	0.01	-0.35	0.15
	4	24	-3.03	0.11	0.17	-0.03	-0.32	0.37
		29	3.03	-0.11	-0.17	0.03	-0.67	0.24
	5	24	0.92	0.11	0.01	0.08	-0.03	0.34
		29	-0.92	-0.11	-0.01	-0.08	-0.03	0.29
	6	24	-0.41	-0.12	-0.01	-0.08	0.02	-0.36
		29	0.41	0.12	0.01	0.08	0.02	-0.30
	7	24	-2.06	-0.14	-0.78	-0.05	2.06	-0.27
		29	2.06	0.14	0.78	0.05	2.40	-0.54
	8	24	6.99	0.14	0.80	0.05	-2.12	0.28
		29	-6.99	-0.14	-0.80	-0.05	-2.46	0.55

9	24	-21.00	1.37	30.10	-0.26	-30.53	4.75
	29	21.00	-1.37	15.65	0.26	6.69	3.11
10	24	-22.19	1.17	30.08	-0.40	-30.49	4.12
	29	22.19	-1.17	15.66	0.40	6.73	2.58
11	24	-23.68	1.14	29.39	-0.38	-28.65	4.20
	29	23.68	-1.14	16.36	0.38	8.88	2.37
12	24	-15.54	1.40	30.80	-0.29	-32.41	4.70
	29	15.54	-1.40	14.94	0.29	4.50	3.35
13	24	-17.67	1.35	30.10	-0.27	-30.56	4.69
	29	17.67	-1.35	15.65	0.27	6.72	3.06
14	24	-18.86	1.15	30.08	-0.41	-30.52	4.06
	29	18.86	-1.15	15.66	0.41	6.75	2.53
15	24	-20.35	1.12	29.39	-0.38	-28.69	4.14
	29	20.35	-1.12	16.36	0.38	8.90	2.32
16	24	-12.21	1.38	30.81	-0.29	-32.44	4.63
	29	12.21	-1.38	14.94	0.29	4.52	3.30
17	24	-14.84	1.33	29.98	-0.20	-30.34	4.61
	29	14.84	-1.33	15.77	0.20	7.20	3.05
18	24	-16.83	1.00	29.95	-0.44	-30.27	3.56
	29	16.83	-1.00	15.79	0.44	7.26	2.17
19	24	-19.32	0.96	28.80	-0.39	-27.21	3.70
	29	19.32	-0.96	16.95	0.39	10.84	1.81
20	24	-5.75	1.39	31.16	-0.24	-33.47	4.52
	29	5.75	-1.39	14.59	0.24	3.54	3.45
21	24	-15.43	1.02	23.12	-0.20	-23.43	3.56
	29	15.43	-1.02	12.07	0.20	5.25	2.32
22	24	-16.22	0.89	23.11	-0.30	-23.41	3.14
	29	16.22	-0.89	12.08	0.30	5.28	1.97
23	24	-17.22	0.87	22.65	-0.28	-22.18	3.20
	29	17.22	-0.87	12.54	0.28	6.71	1.83
24	24	-11.79	1.04	23.60	-0.22	-24.69	3.52
	29	11.79	-1.04	11.59	0.22	3.79	2.48
25	24	-13.21	1.01	23.13	-0.21	-23.46	3.52
	29	13.21	-1.01	12.06	0.21	5.27	2.29
26	24	-14.01	0.88	23.12	-0.30	-23.43	3.10
	29	14.01	-0.88	12.07	0.30	5.30	1.94
27	24	-15.00	0.86	22.65	-0.29	-22.21	3.15
	29	15.00	-0.86	12.54	0.29	6.73	1.80
28	24	-9.57	1.03	23.60	-0.23	-24.71	3.48
	29	9.57	-1.03	11.59	0.23	3.81	2.45
29	24	-11.33	1.00	23.04	-0.16	-23.31	3.47
	29	11.33	-1.00	12.15	0.16	5.59	2.29
30	24	-12.65	0.78	23.03	-0.32	-23.26	2.77
	29	12.65	-0.78	12.16	0.32	5.64	1.70
31	24	-14.31	0.75	22.26	-0.29	-21.22	2.86
	29	14.31	-0.75	12.93	0.29	8.02	1.46
32	24	-5.26	1.04	23.83	-0.19	-25.40	3.41
	29	5.26	-1.04	11.36	0.19	3.16	2.55
33	24	-10.73	0.84	22.95	-0.23	-23.12	2.94
	29	10.73	-0.84	12.24	0.23	5.95	1.88

34	24	-11.34	0.86	22.98	-0.23	-23.18	3.02
	29	11.34	-0.86	12.21	0.23	5.82	1.93
35	24	-10.55	0.86	22.95	-0.21	-23.12	3.01
	29	10.55	-0.86	12.24	0.21	5.95	1.94
36	24	-10.81	0.82	22.95	-0.24	-23.12	2.87
	29	10.81	-0.82	12.24	0.24	5.96	1.82
37	24	-11.14	0.81	22.79	-0.24	-22.71	2.89
	29	11.14	-0.81	12.40	0.24	6.43	1.77
38	24	-9.33	0.87	23.11	-0.22	-23.54	3.00
	29	9.33	-0.87	12.08	0.22	5.46	1.99
39	24	-10.73	0.84	22.95	-0.23	-23.12	2.94
	29	10.73	-0.84	12.24	0.23	5.95	1.88
40	24	24.03	2.71	0.13	1.48	-0.38	8.37
	29	-24.03	-2.71	-0.13	-1.48	-0.35	7.21
41	24	25.73	2.30	0.39	1.70	-1.13	7.35
	29	-25.73	-2.30	-0.39	-1.70	-1.11	5.86
42	24	-40.21	0.06	-7.22	-0.23	19.46	0.26
	29	40.21	-0.06	7.22	0.23	22.07	0.08
43	24	-33.96	-0.13	-6.16	-0.28	16.56	-0.03
	29	33.96	0.13	6.16	0.28	18.86	-0.74
44	24	1.24	3.57	20.91	1.18	-17.66	11.39
	29	-1.24	-3.57	14.28	-1.18	12.22	9.11
45	24	25.36	3.53	25.24	1.32	-29.34	11.24
	29	-25.36	-3.53	9.95	-1.32	-1.02	9.07
46	24	3.11	3.51	21.23	1.17	-18.53	11.30
	29	-3.11	-3.51	13.96	-1.17	11.26	8.87
47	24	23.49	3.59	24.92	1.33	-28.46	11.32
	29	-23.49	-3.59	10.27	-1.33	-0.06	9.31
48	24	-46.82	-1.85	20.65	-1.78	-16.90	-5.35
	29	46.82	1.85	14.54	1.78	12.93	-5.31
49	24	-22.70	-1.89	24.99	-1.64	-28.58	-5.51
	29	22.70	1.89	10.20	1.64	-0.31	-5.35
50	24	-44.95	-1.91	20.97	-1.79	-17.77	-5.44
	29	44.95	1.91	14.22	1.79	11.97	-5.55
51	24	-24.58	-1.83	24.67	-1.62	-27.71	-5.42
	29	24.58	1.83	10.52	1.62	0.65	-5.11
52	24	2.93	3.15	21.17	1.40	-18.41	10.37
	29	-2.93	-3.15	14.02	-1.40	11.47	7.77
53	24	27.06	3.12	25.50	1.54	-30.09	10.21
	29	-27.06	-3.12	9.69	-1.54	-1.77	7.72
54	24	4.81	3.10	21.49	1.39	-19.28	10.28
	29	-4.81	-3.10	13.70	-1.39	10.51	7.52
55	24	25.18	3.18	25.18	1.56	-29.22	10.30
	29	-25.18	-3.18	10.01	-1.56	-0.81	7.97
56	24	-48.52	-1.44	20.39	-2.00	-16.15	-4.33
	29	48.52	1.44	14.80	2.00	13.68	-3.96
57	24	-24.39	-1.48	24.72	-1.86	-27.82	-4.48
	29	24.39	1.48	10.47	1.86	0.44	-4.01
58	24	-46.64	-1.50	20.71	-2.01	-17.02	-4.41
	29	46.64	1.50	14.48	2.01	12.72	-4.21

59	24	-26.27	-1.42	24.41	-1.85	-26.95	-4.39	
	29	26.27	1.42	10.78	1.85	1.40	-3.76	
60	24	-43.73	1.71	15.76	-0.02	-3.77	5.71	
	29	43.73	-1.71	19.43	0.02	27.92	4.12	
61	24	-58.15	0.08	15.69	-0.91	-3.54	0.69	
	29	58.15	-0.08	19.50	0.91	28.13	-0.21	
62	24	-43.22	1.59	15.84	0.05	-4.00	5.40	
	29	43.22	-1.59	19.35	-0.05	27.69	3.72	
63	24	-58.65	0.21	15.61	-0.97	-3.32	1.00	
	29	58.65	-0.21	19.58	0.97	28.35	0.20	
64	24	36.68	1.59	30.21	0.45	-42.69	5.20	
	29	-36.68	-1.59	4.98	-0.45	-16.22	3.97	
65	24	22.27	-0.03	30.13	-0.44	-42.47	0.17	
	29	-22.27	0.03	5.06	0.44	-16.01	-0.36	
66	24	37.19	1.47	30.29	0.52	-42.92	4.89	
	29	-37.19	-1.47	4.90	-0.52	-16.45	3.56	
67	24	21.76	0.09	30.05	-0.50	-42.24	0.48	
	29	-21.76	-0.09	5.14	0.50	-15.79	0.04	
68	24	-37.48	1.52	16.83	-0.06	-6.67	5.42	
	29	37.48	-1.52	18.36	0.06	24.71	3.30	
69	24	-51.90	-0.11	16.75	-0.95	-6.45	0.40	
	29	51.90	0.11	18.44	0.95	24.92	-1.03	
70	24	-36.97	1.39	16.90	0.00	-6.90	5.12	
	29	36.97	-1.39	18.29	0.00	24.48	2.90	
71	24	-52.41	0.01	16.67	-1.02	-6.22	0.71	
	29	52.41	-0.01	18.52	1.02	25.15	-0.62	
72	24	30.44	1.79	29.15	0.49	-39.79	5.48	
	29	-30.44	-1.79	6.04	-0.49	-13.02	4.78	
73	24	16.02	0.16	29.07	-0.39	-39.56	0.46	
	29	-16.02	-0.16	6.12	0.39	-12.80	0.46	
74	24	30.94	1.66	29.22	0.56	-40.02	5.18	
	29	-30.94	-1.66	5.97	-0.56	-13.24	4.38	
75	24	15.51	0.28	28.99	-0.46	-39.34	0.77	
	29	-15.51	-0.28	6.20	0.46	-12.58	0.86	
37	1	17	15.38	-16.89	4.94	1.42	-8.16	-12.12
		32	0.69	-20.37	-4.94	-1.42	-22.78	23.03
2	17	13.44	-5.44	1.60	0.47	-2.55	-3.15	
	32	-8.09	-6.98	-1.60	-0.47	-7.48	7.99	
3	17	5.25	-1.65	0.47	0.14	-0.73	-1.43	
	32	-3.76	-1.80	-0.47	-0.14	-2.19	1.92	
4	17	5.06	-2.60	0.83	0.25	-1.33	-2.18	
	32	-2.68	-2.92	-0.83	-0.25	-3.87	3.18	
5	17	0.34	0.00	-0.11	0.09	0.43	-0.01	
	32	-0.34	0.00	0.11	-0.09	0.27	-0.01	
6	17	-0.95	0.01	0.09	-0.10	-0.42	0.03	
	32	0.95	-0.01	-0.09	0.10	-0.15	0.03	
7	17	6.17	0.41	1.26	0.08	-3.72	1.98	
	32	-6.17	-0.41	-1.26	-0.08	-4.16	0.57	
8	17	-3.92	-0.38	-1.24	-0.08	3.67	-1.89	

	32	3.92	0.38	1.24	0.08	4.11	-0.49
9	17	49.44	-33.45	9.73	2.93	-15.64	-23.64
	32	-17.56	-40.45	-9.73	-2.93	-45.28	45.57
10	17	48.28	-33.43	9.91	2.76	-16.40	-23.60
	32	-16.40	-40.46	-9.91	-2.76	-45.65	45.61
11	17	54.69	-33.08	10.96	2.93	-19.37	-21.85
	32	-22.81	-40.82	-10.96	-2.93	-49.27	46.10
12	17	45.60	-33.79	8.71	2.78	-12.72	-25.34
	32	-13.73	-40.11	-8.71	-2.78	-41.82	45.15
13	17	45.36	-32.93	9.65	2.91	-15.54	-23.13
	32	-13.94	-39.94	-9.65	-2.91	-44.90	45.08
14	17	44.20	-32.91	9.83	2.74	-16.30	-23.09
	32	-12.78	-39.95	-9.83	-2.74	-45.27	45.12
15	17	50.61	-32.56	10.88	2.90	-19.27	-21.34
	32	-19.19	-40.31	-10.88	-2.90	-48.89	45.60
16	17	41.53	-33.27	8.63	2.76	-12.62	-24.83
	32	-10.10	-39.60	-8.63	-2.76	-41.44	44.65
17	17	41.77	-30.98	8.96	2.77	-14.28	-21.51
	32	-12.13	-37.74	-8.96	-2.77	-41.84	42.69
18	17	39.84	-30.96	9.27	2.49	-15.56	-21.45
	32	-10.20	-37.76	-9.27	-2.49	-42.46	42.75
19	17	50.52	-30.36	11.02	2.76	-20.51	-18.52
	32	-20.88	-38.36	-11.02	-2.76	-48.49	43.56
20	17	35.38	-31.54	7.27	2.52	-9.42	-24.33
	32	-5.74	-37.18	-7.27	-2.52	-36.07	41.98
21	17	36.80	-25.27	7.36	2.21	-11.85	-17.80
	32	-12.70	-30.62	-7.36	-2.21	-34.22	34.52
22	17	36.03	-25.27	7.48	2.09	-12.36	-17.77
	32	-11.92	-30.62	-7.48	-2.09	-34.47	34.54
23	17	40.30	-25.03	8.18	2.20	-14.34	-16.60
	32	-16.19	-30.86	-8.18	-2.20	-36.88	34.87
24	17	34.24	-25.50	6.68	2.11	-9.91	-18.93
	32	-10.14	-30.39	-6.68	-2.11	-31.92	34.24
25	17	34.09	-24.93	7.31	2.19	-11.79	-17.46
	32	-10.28	-30.27	-7.31	-2.19	-33.97	34.19
26	17	33.31	-24.92	7.43	2.08	-12.30	-17.43
	32	-9.50	-30.28	-7.43	-2.08	-34.22	34.21
27	17	37.59	-24.68	8.13	2.19	-14.28	-16.26
	32	-13.78	-30.52	-8.13	-2.19	-36.63	34.54
28	17	31.53	-25.15	6.63	2.09	-9.84	-18.59
	32	-7.72	-30.05	-6.63	-2.09	-31.66	33.91
29	17	31.69	-23.63	6.85	2.10	-10.95	-16.38
	32	-9.07	-28.81	-6.85	-2.10	-31.93	32.60
30	17	30.40	-23.62	7.05	1.91	-11.80	-16.33
	32	-7.78	-28.82	-7.05	-1.91	-32.34	32.64
31	17	37.52	-23.22	8.22	2.09	-15.10	-14.38
	32	-14.91	-29.22	-8.22	-2.09	-36.36	33.18
32	17	27.43	-24.01	5.72	1.93	-7.71	-18.26
	32	-4.81	-28.43	-5.72	-1.93	-28.08	32.12
33	17	28.82	-22.33	6.54	1.88	-10.72	-15.27

	32	-7.39	-27.35	-6.54	-1.88	-30.26	31.02
34	17	29.83	-22.85	6.71	1.93	-10.98	-15.71
	32	-7.93	-27.94	-6.71	-1.93	-31.04	31.66
35	17	28.89	-22.33	6.52	1.90	-10.63	-15.28
	32	-7.46	-27.35	-6.52	-1.90	-30.21	31.02
36	17	28.63	-22.32	6.56	1.86	-10.80	-15.27
	32	-7.20	-27.36	-6.56	-1.86	-30.29	31.03
37	17	30.06	-22.24	6.80	1.90	-11.46	-14.88
	32	-8.63	-27.44	-6.80	-1.90	-31.10	31.13
38	17	28.04	-22.40	6.30	1.87	-9.98	-15.65
	32	-6.61	-27.28	-6.30	-1.87	-29.44	30.92
39	17	28.82	-22.33	6.54	1.88	-10.72	-15.27
	32	-7.39	-27.35	-6.54	-1.88	-30.26	31.02
40	17	30.20	-0.32	-1.48	2.29	7.03	-1.07
	32	-30.20	0.32	1.48	-2.29	2.23	-0.92
41	17	22.55	-0.20	-5.17	2.62	20.28	-0.54
	32	-22.55	0.20	5.17	-2.62	12.13	-0.75
42	17	-41.09	3.05	-0.38	0.54	0.77	14.82
	32	41.09	-3.05	0.38	-0.54	1.58	4.28
43	17	-53.21	3.57	-2.73	0.47	7.84	17.29
	32	53.21	-3.57	2.73	-0.47	9.23	5.05
44	17	46.69	-21.73	4.95	4.34	-3.46	-11.90
	32	-25.26	-27.95	-4.95	-4.34	-27.56	31.39
45	17	71.35	-23.56	5.18	4.02	-3.92	-20.79
	32	-49.92	-26.12	-5.18	-4.02	-28.51	28.82
46	17	43.06	-21.57	4.25	4.32	-1.34	-11.15
	32	-21.63	-28.11	-4.25	-4.32	-25.27	31.62
47	17	74.98	-23.71	5.88	4.04	-6.04	-21.53
	32	-53.55	-25.97	-5.88	-4.04	-30.81	28.59
48	17	-13.70	-21.09	7.91	-0.25	-17.51	-9.76
	32	35.13	-28.59	-7.91	0.25	-32.02	33.22
49	17	10.95	-22.92	8.13	-0.57	-17.97	-18.65
	32	10.47	-26.76	-8.13	0.57	-32.96	30.65
50	17	-17.34	-20.94	7.20	-0.27	-15.39	-9.02
	32	38.76	-28.74	-7.20	0.27	-29.72	33.45
51	17	14.59	-23.08	8.84	-0.55	-20.10	-19.40
	32	6.84	-26.60	-8.84	0.55	-35.26	30.42
52	17	39.05	-21.62	1.26	4.67	9.79	-11.36
	32	-17.62	-28.06	-1.26	-4.67	-17.66	31.56
53	17	63.70	-23.45	1.48	4.35	9.33	-20.26
	32	-42.27	-26.23	-1.48	-4.35	-18.61	28.99
54	17	35.41	-21.46	0.55	4.65	11.92	-10.62
	32	-13.98	-28.22	-0.55	-4.65	-15.37	31.79
55	17	67.34	-23.60	2.19	4.37	7.21	-21.00
	32	-45.91	-26.08	-2.19	-4.37	-20.91	28.76
56	17	-6.06	-21.21	11.61	-0.58	-30.76	-10.29
	32	27.49	-28.47	-11.61	0.58	-41.92	33.05
57	17	18.60	-23.04	11.83	-0.90	-31.23	-19.19
	32	2.83	-26.64	-11.83	0.90	-42.86	30.48
58	17	-9.69	-21.05	10.90	-0.60	-28.64	-9.55

		32	31.12	-28.63	-10.90	0.60	-39.62	33.28
59		17	22.23	-23.19	12.54	-0.88	-33.35	-19.93
		32	-0.81	-26.49	-12.54	0.88	-45.16	30.25
60		17	-3.21	-19.37	5.73	3.11	-7.83	-0.78
		32	24.64	-30.31	-5.73	-3.11	-28.02	35.03
61		17	-21.33	-19.18	6.61	1.74	-12.05	-0.14
		32	42.76	-30.50	-6.61	-1.74	-29.35	35.58
62		17	-5.50	-19.34	4.62	3.21	-3.86	-0.62
		32	26.93	-30.34	-4.62	-3.21	-25.05	35.08
63		17	-19.04	-19.21	7.72	1.64	-16.02	-0.30
		32	40.46	-30.47	-7.72	-1.64	-32.32	35.53
64		17	78.97	-25.47	6.48	2.03	-9.38	-30.41
		32	-57.55	-24.21	-6.48	-2.03	-31.17	26.46
65		17	60.86	-25.28	7.36	0.66	-13.60	-29.77
		32	-39.43	-24.40	-7.36	-0.66	-32.51	27.01
66		17	76.68	-25.44	5.37	2.13	-5.41	-30.25
		32	-55.25	-24.24	-5.37	-2.13	-28.20	26.51
67		17	63.15	-25.31	8.47	0.56	-17.57	-29.93
		32	-41.72	-24.37	-8.47	-0.56	-35.48	26.96
68		17	-15.33	-18.85	3.37	3.04	-0.76	1.70
		32	36.75	-30.83	-3.37	-3.04	-20.36	35.79
69		17	-33.45	-18.66	4.26	1.67	-4.98	2.34
		32	54.87	-31.02	-4.26	-1.67	-21.70	36.34
70		17	-17.62	-18.82	2.26	3.14	3.21	1.86
		32	39.05	-30.86	-2.26	-3.14	-17.39	35.84
71		17	-31.15	-18.70	5.37	1.57	-8.96	2.18
		32	52.58	-30.98	-5.37	-1.57	-24.67	36.29
72		17	91.09	-25.99	8.83	2.10	-16.45	-32.89
		32	-69.66	-23.69	-8.83	-2.10	-38.83	25.70
73		17	72.97	-25.80	9.71	0.73	-20.67	-32.25
		32	-51.54	-23.88	-9.71	-0.73	-40.16	26.25
74		17	88.80	-25.95	7.72	2.20	-12.48	-32.73
		32	-67.37	-23.73	-7.72	-2.20	-35.86	25.75
75		17	75.26	-25.83	10.82	0.63	-24.64	-32.41
		32	-53.84	-23.85	-10.82	-0.63	-43.13	26.20
38	1	32	-0.69	20.37	4.94	-1.42	-22.78	23.03
		27	-15.38	16.89	-4.94	1.42	-8.16	-12.12
2		32	8.09	6.98	1.60	-0.47	-7.48	7.99
		27	-13.44	5.44	-1.60	0.47	-2.55	-3.15
3		32	3.76	1.80	0.47	-0.14	-2.19	1.92
		27	-5.25	1.65	-0.47	0.14	-0.73	-1.43
4		32	2.68	2.92	0.83	-0.25	-3.87	3.18
		27	-5.06	2.60	-0.83	0.25	-1.33	-2.18
5		32	0.34	0.00	-0.11	-0.09	0.26	-0.01
		27	-0.34	0.00	0.11	0.09	0.43	-0.01
6		32	-0.95	0.01	0.09	0.10	-0.15	0.03
		27	0.95	-0.01	-0.09	-0.10	-0.42	0.03
7		32	-3.88	-0.38	-1.24	0.08	4.11	-0.48
		27	3.88	0.38	1.24	-0.08	3.67	-1.88

8	32	6.13	0.40	1.26	-0.08	-4.16	0.56
	27	-6.13	-0.40	-1.26	0.08	-3.71	1.97
9	32	17.57	40.45	9.73	-2.93	-45.29	45.57
	27	-49.44	33.45	-9.73	2.93	-15.64	-23.64
10	32	16.41	40.46	9.91	-2.76	-45.66	45.61
	27	-48.28	33.44	-9.91	2.76	-16.40	-23.61
11	32	13.77	40.12	8.71	-2.78	-41.83	45.15
	27	-45.64	33.78	-8.71	2.78	-12.72	-25.32
12	32	22.78	40.82	10.96	-2.93	-49.26	46.09
	27	-54.66	33.08	-10.96	2.93	-19.37	-21.86
13	32	13.94	39.94	9.65	-2.91	-44.91	45.08
	27	-45.37	32.93	-9.65	2.91	-15.54	-23.13
14	32	12.78	39.95	9.83	-2.74	-45.28	45.12
	27	-44.21	32.92	-9.83	2.74	-16.30	-23.09
15	32	10.14	39.60	8.64	-2.76	-41.45	44.66
	27	-41.57	33.26	-8.64	2.76	-12.62	-24.81
16	32	19.16	40.30	10.88	-2.90	-48.88	45.60
	27	-50.58	32.56	-10.88	2.90	-19.27	-21.35
17	32	12.14	37.74	8.96	-2.77	-41.85	42.69
	27	-41.78	30.98	-8.96	2.77	-14.28	-21.51
18	32	10.20	37.76	9.26	-2.49	-42.46	42.75
	27	-39.84	30.96	-9.26	2.49	-15.55	-21.45
19	32	5.80	37.19	7.27	-2.52	-36.08	41.99
	27	-35.44	31.54	-7.27	2.52	-9.42	-24.31
20	32	20.83	38.36	11.02	-2.76	-48.48	43.55
	27	-50.47	30.37	-11.02	2.76	-20.50	-18.54
21	32	12.70	30.61	7.36	-2.21	-34.23	34.52
	27	-36.80	25.28	-7.36	2.21	-11.85	-17.80
22	32	11.92	30.62	7.48	-2.09	-34.47	34.54
	27	-36.03	25.27	-7.48	2.09	-12.36	-17.77
23	32	10.16	30.39	6.68	-2.11	-31.92	34.24
	27	-34.27	25.50	-6.68	2.11	-9.91	-18.92
24	32	16.18	30.86	8.18	-2.20	-36.88	34.86
	27	-40.28	25.03	-8.18	2.20	-14.34	-16.61
25	32	10.28	30.27	7.31	-2.19	-33.97	34.19
	27	-34.09	24.93	-7.31	2.19	-11.79	-17.46
26	32	9.51	30.28	7.43	-2.08	-34.22	34.21
	27	-33.31	24.92	-7.43	2.08	-12.30	-17.43
27	32	7.75	30.05	6.63	-2.09	-31.67	33.91
	27	-31.55	25.15	-6.63	2.09	-9.84	-18.58
28	32	13.76	30.52	8.13	-2.19	-36.62	34.53
	27	-37.57	24.68	-8.13	2.19	-14.27	-16.27
29	32	9.08	28.81	6.85	-2.10	-31.93	32.60
	27	-31.69	23.63	-6.85	2.10	-10.95	-16.38
30	32	7.78	28.82	7.05	-1.91	-32.34	32.64
	27	-30.40	23.62	-7.05	1.91	-11.80	-16.33
31	32	4.85	28.44	5.72	-1.93	-28.09	32.13
	27	-27.47	24.00	-5.72	1.93	-7.71	-18.24
32	32	14.87	29.22	8.22	-2.09	-36.35	33.17
	27	-37.49	23.22	-8.22	2.09	-15.09	-14.40

33	32	7.40	27.35	6.54	-1.88	-30.26	31.02
	27	-28.82	22.33	-6.54	1.88	-10.71	-15.27
34	32	7.93	27.94	6.71	-1.93	-31.04	31.66
	27	-29.83	22.85	-6.71	1.93	-10.98	-15.71
35	32	7.46	27.35	6.52	-1.90	-30.21	31.02
	27	-28.89	22.33	-6.52	1.90	-10.63	-15.28
36	32	7.21	27.36	6.56	-1.86	-30.29	31.03
	27	-28.63	22.32	-6.56	1.86	-10.80	-15.27
37	32	6.62	27.28	6.30	-1.87	-29.44	30.92
	27	-28.05	22.40	-6.30	1.87	-9.98	-15.65
38	32	8.62	27.44	6.80	-1.90	-31.09	31.13
	27	-30.05	22.24	-6.80	1.90	-11.46	-14.88
39	32	7.40	27.35	6.54	-1.88	-30.26	31.02
	27	-28.82	22.33	-6.54	1.88	-10.71	-15.27
40	32	22.56	-0.21	-5.17	-2.62	12.12	-0.75
	27	-22.56	0.21	5.17	2.62	20.27	-0.54
41	32	30.19	-0.32	-1.48	-2.29	2.23	-0.92
	27	-30.19	0.32	1.48	2.29	7.03	-1.07
42	32	41.42	-3.03	0.39	0.53	-1.64	-4.24
	27	-41.42	3.03	-0.39	-0.53	-0.82	-14.71
43	32	53.62	-3.54	2.75	0.46	-9.32	-4.99
	27	-53.62	3.54	-2.75	-0.46	-7.91	-17.16
44	32	42.38	26.24	1.49	-4.35	-18.63	29.00
	27	-63.81	23.44	-1.49	4.35	9.31	-20.22
45	32	17.53	28.06	1.25	-4.67	-17.65	31.54
	27	-38.95	21.62	-1.25	4.67	9.80	-11.40
46	32	46.04	26.09	2.20	-4.37	-20.94	28.78
	27	-67.47	23.59	-2.20	4.37	7.19	-20.96
47	32	13.87	28.21	0.54	-4.65	-15.34	31.77
	27	-35.29	21.47	-0.54	4.65	11.93	-10.66
48	32	-2.74	26.65	11.83	0.90	-42.88	30.50
	27	-18.69	23.03	-11.83	-0.90	-31.23	-19.15
49	32	-27.59	28.47	11.60	0.58	-41.90	33.04
	27	6.16	21.21	-11.60	-0.58	-30.74	-10.33
50	32	0.92	26.50	12.54	0.88	-45.18	30.27
	27	-22.35	23.18	-12.54	-0.88	-33.36	-19.89
51	32	-31.25	28.62	10.89	0.60	-39.59	33.27
	27	9.82	21.06	-10.89	-0.60	-28.61	-9.59
52	32	50.01	26.13	5.18	-4.02	-28.52	28.83
	27	-71.43	23.55	-5.18	4.02	-3.93	-20.75
53	32	25.16	27.95	4.95	-4.34	-27.54	31.37
	27	-46.58	21.73	-4.95	4.34	-3.44	-11.93
54	32	53.67	25.98	5.89	-4.04	-30.83	28.61
	27	-75.10	23.70	-5.89	4.04	-6.06	-21.49
55	32	21.49	28.10	4.24	-4.32	-25.23	31.60
	27	-42.92	21.58	-4.24	4.32	-1.31	-11.19
56	32	-10.36	26.76	8.14	0.57	-32.99	30.67
	27	-11.06	22.92	-8.14	-0.57	-17.99	-18.62
57	32	-35.22	28.58	7.90	0.25	-32.00	33.21
	27	13.79	21.10	-7.90	-0.25	-17.50	-9.80

58	32	-6.70	26.61	8.85	0.55	-35.29	30.44
	27	-14.72	23.07	-8.85	-0.55	-20.12	-19.36
59	32	-38.88	28.73	7.20	0.27	-29.70	33.43
	27	17.45	20.95	-7.20	-0.27	-15.37	-9.06
60	32	55.58	24.27	5.38	-2.14	-28.27	26.56
	27	-77.01	25.41	-5.38	2.14	-5.45	-30.15
61	32	42.05	24.39	8.49	-0.56	-35.54	27.01
	27	-63.48	25.29	-8.49	0.56	-17.61	-29.82
62	32	57.87	24.23	6.49	-2.04	-31.23	26.51
	27	-79.30	25.45	-6.49	2.04	-9.42	-30.30
63	32	39.76	24.42	7.38	-0.66	-32.57	27.06
	27	-61.19	25.26	-7.38	0.66	-13.64	-29.66
64	32	-27.26	30.32	4.60	-3.21	-24.99	35.03
	27	5.83	19.36	-4.60	3.21	-3.82	-0.73
65	32	-40.79	30.44	7.70	-1.63	-32.26	35.48
	27	19.37	19.24	-7.70	1.63	-15.98	-0.40
66	32	-24.97	30.28	5.71	-3.11	-27.95	34.98
	27	3.54	19.40	-5.71	3.11	-7.79	-0.89
67	32	-43.08	30.48	6.60	-1.73	-29.29	35.53
	27	21.65	19.21	-6.60	1.73	-12.01	-0.25
68	32	67.79	23.76	7.74	-2.21	-35.95	25.80
	27	-89.21	25.92	-7.74	2.21	-12.54	-32.60
69	32	54.25	23.88	10.85	-0.64	-43.22	26.25
	27	-75.68	25.80	-10.85	0.64	-24.70	-32.28
70	32	70.08	23.72	8.85	-2.11	-38.92	25.75
	27	-91.50	25.96	-8.85	2.11	-16.51	-32.76
71	32	51.96	23.91	9.74	-0.74	-40.26	26.30
	27	-73.39	25.77	-9.74	0.74	-20.73	-32.12
72	32	-39.46	30.83	2.24	-3.13	-17.30	35.79
	27	18.03	18.85	-2.24	3.13	3.27	1.73
73	32	-53.00	30.95	5.34	-1.56	-24.58	36.24
	27	31.57	18.73	-5.34	1.56	-8.89	2.05
74	32	-37.17	30.80	3.35	-3.03	-20.27	35.74
	27	15.75	18.88	-3.35	3.03	-0.70	1.57
75	32	-55.28	30.99	4.24	-1.66	-21.61	36.29
	27	33.86	18.69	-4.24	1.66	-4.92	2.21

39	1	18	-11.56	-16.61	0.00	0.00	0.00	-11.21
		33	27.63	-20.65	0.00	0.00	0.00	23.88
	2	18	5.09	-5.33	0.00	0.00	0.00	-2.78
		33	0.27	-7.09	0.00	0.00	0.00	8.30
	3	18	2.63	-1.62	0.00	0.00	0.00	-1.35
		33	-1.14	-1.83	0.00	0.00	0.00	1.99
	4	18	0.04	-2.56	0.00	0.00	0.00	-2.04
		33	2.35	-2.96	0.00	0.00	0.00	3.32
	5	18	-0.09	0.00	-0.03	0.09	0.29	0.00
		33	0.09	0.00	0.03	-0.09	-0.13	0.00
	6	18	-0.06	0.00	0.03	-0.09	-0.29	0.00
		33	0.06	0.00	-0.03	0.09	0.13	0.00
	7	18	-0.44	0.51	0.00	0.00	0.01	2.56

	33	0.44	-0.51	0.00	0.00	0.01	0.60
8	18	2.41	-0.48	0.00	0.00	-0.01	-2.47
	33	-2.41	0.48	0.00	0.00	-0.01	-0.51
9	18	-4.53	-32.87	-0.02	0.08	0.26	-21.74
	33	36.41	-41.03	0.02	-0.08	-0.11	47.31
10	18	-4.50	-32.87	0.02	-0.08	-0.26	-21.74
	33	36.38	-41.03	-0.02	0.08	0.12	47.31
11	18	-4.85	-32.41	0.00	0.00	0.01	-19.44
	33	36.72	-41.49	0.00	0.00	0.01	47.85
12	18	-2.28	-33.29	0.00	0.00	-0.01	-23.96
	33	34.16	-40.60	0.00	0.00	0.00	46.85
13	18	-8.45	-32.35	-0.02	0.08	0.26	-21.24
	33	39.87	-40.52	0.02	-0.08	-0.11	46.81
14	18	-8.42	-32.35	0.02	-0.08	-0.26	-21.24
	33	39.84	-40.51	-0.02	0.08	0.12	46.81
15	18	-8.76	-31.89	0.00	0.00	0.01	-18.94
	33	40.19	-40.97	0.00	0.00	0.01	47.35
16	18	-6.20	-32.78	0.00	0.00	-0.01	-23.46
	33	37.62	-40.09	0.00	0.00	0.00	46.35
17	18	-8.53	-30.43	-0.04	0.13	0.43	-19.71
	33	38.17	-38.29	0.04	-0.13	-0.19	44.32
18	18	-8.48	-30.43	0.04	-0.13	-0.43	-19.71
	33	38.12	-38.29	-0.04	0.13	0.20	44.32
19	18	-9.05	-29.67	0.00	0.00	0.02	-15.87
	33	38.70	-39.05	0.00	0.00	0.02	45.22
20	18	-4.78	-31.15	0.00	0.00	-0.01	-23.41
	33	34.42	-37.58	0.00	0.00	-0.01	43.55
21	18	-3.89	-24.84	-0.02	0.05	0.17	-16.36
	33	27.99	-31.05	0.02	-0.05	-0.07	35.83
22	18	-3.87	-24.84	0.01	-0.05	-0.17	-16.36
	33	27.97	-31.05	-0.01	0.05	0.08	35.83
23	18	-4.10	-24.53	0.00	0.00	0.01	-14.82
	33	28.20	-31.36	0.00	0.00	0.01	36.19
24	18	-2.38	-25.12	0.00	0.00	-0.01	-17.84
	33	26.49	-30.77	0.00	0.00	0.00	35.52
25	18	-6.49	-24.49	-0.02	0.05	0.17	-16.02
	33	30.30	-30.71	0.02	-0.05	-0.07	35.50
26	18	-6.47	-24.49	0.01	-0.05	-0.17	-16.03
	33	30.28	-30.71	-0.01	0.05	0.08	35.50
27	18	-6.70	-24.19	0.00	0.00	0.01	-14.49
	33	30.51	-31.01	0.00	0.00	0.01	35.86
28	18	-4.99	-24.78	0.00	0.00	-0.01	-17.51
	33	28.80	-30.42	0.00	0.00	0.00	35.19
29	18	-6.55	-23.21	-0.03	0.09	0.29	-15.00
	33	29.17	-29.23	0.03	-0.09	-0.13	33.84
30	18	-6.52	-23.21	0.02	-0.09	-0.29	-15.00
	33	29.13	-29.23	-0.02	0.09	0.13	33.84
31	18	-6.90	-22.71	0.00	0.00	0.01	-12.45
	33	29.52	-29.73	0.00	0.00	0.01	34.44
32	18	-4.05	-23.69	0.00	0.00	-0.01	-17.47

	33	26.67	-28.75	0.00	0.00	0.00	33.33
33	18	-6.47	-21.93	0.00	0.00	0.00	-13.98
	33	27.90	-27.75	0.00	0.00	0.00	32.18
34	18	-6.47	-22.45	0.00	0.00	0.00	-14.39
	33	28.37	-28.34	0.00	0.00	0.00	32.84
35	18	-6.49	-21.93	-0.01	0.02	0.06	-13.98
	33	27.92	-27.75	0.01	-0.02	-0.02	32.18
36	18	-6.49	-21.93	0.00	-0.02	-0.06	-13.98
	33	27.91	-27.75	0.00	0.02	0.03	32.18
37	18	-6.56	-21.83	0.00	0.00	0.00	-13.47
	33	27.99	-27.85	0.00	0.00	0.00	32.30
38	18	-5.99	-22.03	0.00	0.00	0.00	-14.48
	33	27.42	-27.65	0.00	0.00	0.00	32.08
39	18	-6.47	-21.93	0.00	0.00	0.00	-13.98
	33	27.90	-27.75	0.00	0.00	0.00	32.18
40	18	-0.35	0.00	0.58	1.91	-0.26	0.01
	33	0.35	0.00	-0.58	-1.91	-3.36	0.01
41	18	-0.36	0.00	-5.18	2.04	21.78	0.01
	33	0.36	0.00	5.18	-2.04	10.63	0.01
42	18	-35.68	3.15	2.06	0.13	-7.42	15.93
	33	35.68	-3.15	-2.06	-0.13	-5.47	3.80
43	18	-35.68	3.15	-2.10	-0.13	7.58	15.92
	33	35.68	-3.15	2.10	0.13	5.58	3.80
44	18	-17.53	-20.99	1.19	1.95	-2.48	-9.20
	33	38.95	-28.69	-1.19	-1.95	-5.00	33.33
45	18	3.88	-22.88	-0.04	1.88	1.97	-18.75
	33	17.54	-26.80	0.04	-1.88	-1.72	31.05
46	18	-17.52	-20.99	-0.05	1.87	2.02	-9.20
	33	38.95	-28.69	0.05	-1.87	-1.68	33.33
47	18	3.88	-22.88	1.21	1.95	-2.53	-18.75
	33	17.54	-26.80	-1.21	-1.95	-5.03	31.05
48	18	-16.83	-20.99	0.04	-1.88	-1.97	-9.22
	33	38.26	-28.69	-0.04	1.88	1.72	33.31
49	18	4.58	-22.88	-1.20	-1.95	2.48	-18.77
	33	16.85	-26.80	1.20	1.95	5.00	31.03
50	18	-16.83	-20.99	-1.21	-1.95	2.53	-9.22
	33	38.26	-28.69	1.21	1.95	5.04	33.31
51	18	4.58	-22.88	0.05	-1.88	-2.01	-18.77
	33	16.85	-26.80	-0.05	1.88	1.69	31.03
52	18	-17.53	-20.99	-4.56	2.08	19.55	-9.19
	33	38.96	-28.69	4.56	-2.08	9.00	33.33
53	18	3.88	-22.88	-5.79	2.00	24.00	-18.75
	33	17.55	-26.80	5.79	-2.00	12.28	31.05
54	18	-17.53	-20.99	-5.81	2.00	24.05	-9.19
	33	38.96	-28.69	5.81	-2.00	12.31	33.33
55	18	3.87	-22.87	-4.55	2.08	19.50	-18.75
	33	17.55	-26.81	4.55	-2.08	8.96	31.05
56	18	-16.82	-20.99	5.79	-2.00	-24.00	-9.22
	33	38.25	-28.69	-5.79	2.00	-12.27	33.31
57	18	4.59	-22.88	4.56	-2.08	-19.55	-18.78

		33	16.84	-26.80	-4.56	2.08	-8.99	31.03
58		18	-16.82	-20.99	4.54	-2.08	-19.50	-9.22
		33	38.25	-28.69	-4.54	2.08	-8.96	33.30
59		18	4.59	-22.88	5.81	-2.00	-24.05	-18.77
		33	16.84	-26.80	-5.81	2.00	-12.30	31.03
60		18	-42.26	-18.78	2.23	0.70	-7.50	1.94
		33	63.69	-30.90	-2.23	-0.70	-6.47	35.98
61		18	-42.05	-18.79	1.88	-0.45	-7.34	1.94
		33	63.48	-30.89	-1.88	0.45	-4.45	35.97
62		18	-42.26	-18.78	0.50	0.74	-0.89	1.95
		33	63.69	-30.90	-0.50	-0.74	-2.27	35.98
63		18	-42.05	-18.79	3.61	-0.48	-13.95	1.94
		33	63.48	-30.89	-3.61	0.48	-8.65	35.97
64		18	29.10	-25.08	-1.88	0.45	7.34	-29.91
		33	-7.68	-24.60	1.88	-0.45	4.46	28.39
65		18	29.31	-25.08	-2.23	-0.70	7.50	-29.91
		33	-7.89	-24.60	2.23	0.70	6.48	28.38
66		18	29.10	-25.08	-3.61	0.48	13.95	-29.91
		33	-7.68	-24.60	3.61	-0.48	8.66	28.39
67		18	29.32	-25.09	-0.51	-0.74	0.89	-29.91
		33	-7.89	-24.59	0.51	0.74	2.28	28.38
68		18	-42.26	-18.78	-1.93	0.44	7.50	1.94
		33	63.68	-30.90	1.93	-0.44	4.57	35.98
69		18	-42.05	-18.79	-2.27	-0.71	7.65	1.94
		33	63.47	-30.89	2.27	0.71	6.59	35.97
70		18	-42.26	-18.78	-3.65	0.48	14.11	1.94
		33	63.69	-30.90	3.65	-0.48	8.77	35.98
71		18	-42.04	-18.79	-0.55	-0.75	1.04	1.93
		33	63.47	-30.89	0.55	0.75	2.39	35.97
72		18	29.10	-25.08	2.27	0.71	-7.65	-29.90
		33	-7.67	-24.60	-2.27	-0.71	-6.58	28.39
73		18	29.31	-25.08	1.93	-0.44	-7.50	-29.91
		33	-7.88	-24.60	-1.93	0.44	-4.57	28.38
74		18	29.10	-25.08	0.55	0.74	-1.04	-29.90
		33	-7.67	-24.60	-0.55	-0.74	-2.39	28.39
75		18	29.31	-25.08	3.65	-0.48	-14.11	-29.91
		33	-7.88	-24.60	-3.65	0.48	-8.77	28.38
40	1	33	-27.63	20.65	0.00	0.00	0.00	23.88
		28	11.56	16.61	0.00	0.00	0.00	-11.21
	2	33	-0.27	7.09	0.00	0.00	0.00	8.30
		28	-5.09	5.33	0.00	0.00	0.00	-2.78
	3	33	1.14	1.83	0.00	0.00	0.00	1.99
		28	-2.63	1.62	0.00	0.00	0.00	-1.35
	4	33	-2.34	2.96	0.00	0.00	0.00	3.32
		28	-0.04	2.56	0.00	0.00	0.00	-2.04
	5	33	-0.09	0.00	-0.03	-0.09	-0.13	0.00
		28	0.09	0.00	0.03	0.09	0.29	0.00
	6	33	-0.06	0.00	0.03	0.09	0.13	0.00
		28	0.06	0.00	-0.03	-0.09	-0.29	0.00

7	33	2.42	-0.47	0.00	0.00	-0.01	-0.50
	28	-2.42	0.47	0.00	0.00	-0.01	-2.45
8	33	-0.46	0.50	0.00	0.00	0.01	0.60
	28	0.46	-0.50	0.00	0.00	0.01	2.54
9	33	-36.41	41.03	-0.02	-0.08	-0.11	47.31
	28	4.53	32.87	0.02	0.08	0.26	-21.74
10	33	-36.38	41.03	0.02	0.08	0.12	47.31
	28	4.50	32.87	-0.02	-0.08	-0.26	-21.74
11	33	-34.14	40.61	0.00	0.00	0.00	46.86
	28	2.27	33.29	0.00	0.00	-0.01	-23.95
12	33	-36.73	41.48	0.00	0.00	0.01	47.84
	28	4.86	32.42	0.00	0.00	0.01	-19.45
13	33	-39.87	40.52	-0.02	-0.08	-0.11	46.81
	28	8.45	32.35	0.02	0.08	0.26	-21.24
14	33	-39.84	40.51	0.02	0.08	0.12	46.81
	28	8.42	32.35	-0.02	-0.08	-0.26	-21.24
15	33	-37.61	40.09	0.00	0.00	0.00	46.35
	28	6.18	32.77	0.00	0.00	-0.01	-23.45
16	33	-40.20	40.97	0.00	0.00	0.01	47.34
	28	8.77	31.90	0.00	0.00	0.01	-18.96
17	33	-38.17	38.29	-0.04	-0.13	-0.19	44.32
	28	8.53	30.43	0.04	0.13	0.43	-19.71
18	33	-38.12	38.29	0.04	0.13	0.20	44.32
	28	8.48	30.43	-0.04	-0.13	-0.43	-19.71
19	33	-34.40	37.58	0.00	0.00	-0.01	43.56
	28	4.76	31.14	0.00	0.00	-0.01	-23.38
20	33	-38.71	39.04	0.00	0.00	0.02	45.21
	28	9.07	29.68	0.00	0.00	0.02	-15.90
21	33	-27.99	31.05	-0.02	-0.05	-0.07	35.83
	28	3.88	24.84	0.02	0.05	0.17	-16.36
22	33	-27.97	31.05	0.01	0.05	0.08	35.83
	28	3.87	24.84	-0.01	-0.05	-0.17	-16.36
23	33	-26.48	30.77	0.00	0.00	0.00	35.53
	28	2.38	25.12	0.00	0.00	-0.01	-17.83
24	33	-28.21	31.35	0.00	0.00	0.01	36.19
	28	4.10	24.54	0.00	0.00	0.01	-14.83
25	33	-30.30	30.71	-0.02	-0.05	-0.07	35.50
	28	6.49	24.49	0.02	0.05	0.17	-16.03
26	33	-30.28	30.71	0.01	0.05	0.08	35.50
	28	6.47	24.49	-0.01	-0.05	-0.17	-16.03
27	33	-28.79	30.43	0.00	0.00	0.00	35.19
	28	4.98	24.77	0.00	0.00	-0.01	-17.50
28	33	-30.52	31.01	0.00	0.00	0.01	35.85
	28	6.71	24.19	0.00	0.00	0.01	-14.50
29	33	-29.17	29.23	-0.03	-0.09	-0.13	33.84
	28	6.55	23.21	0.03	0.09	0.29	-15.00
30	33	-29.13	29.23	0.02	0.09	0.13	33.84
	28	6.52	23.21	-0.02	-0.09	-0.29	-15.00
31	33	-26.65	28.76	0.00	0.00	0.00	33.33
	28	4.03	23.68	0.00	0.00	-0.01	-17.45

32	33	-29.53	29.73	0.00	0.00	0.01	34.43
	28	6.91	22.71	0.00	0.00	0.01	-12.46
33	33	-27.90	27.75	0.00	0.00	0.00	32.18
	28	6.47	21.93	0.00	0.00	0.00	-13.98
34	33	-28.37	28.34	0.00	0.00	0.00	32.84
	28	6.47	22.45	0.00	0.00	0.00	-14.39
35	33	-27.92	27.75	-0.01	-0.02	-0.02	32.18
	28	6.49	21.93	0.01	0.02	0.06	-13.98
36	33	-27.91	27.75	0.00	0.02	0.03	32.18
	28	6.49	21.93	0.00	-0.02	-0.06	-13.98
37	33	-27.42	27.65	0.00	0.00	0.00	32.08
	28	5.99	22.03	0.00	0.00	0.00	-14.47
38	33	-27.99	27.85	0.00	0.00	0.00	32.30
	28	6.56	21.83	0.00	0.00	0.00	-13.48
39	33	-27.90	27.75	0.00	0.00	0.00	32.18
	28	6.47	21.93	0.00	0.00	0.00	-13.98
40	33	-0.36	0.00	-5.17	-2.04	10.64	0.01
	28	0.36	0.00	5.17	2.04	21.77	0.01
41	33	-0.35	0.00	0.58	-1.92	-3.36	0.01
	28	0.35	0.00	-0.58	1.92	-0.26	0.01
42	33	35.76	-3.12	-2.06	0.13	5.47	-3.74
	28	-35.76	3.12	2.06	-0.13	7.43	-15.82
43	33	35.75	-3.12	2.10	-0.13	-5.59	-3.74
	28	-35.75	3.12	-2.10	0.13	-7.59	-15.81
44	33	-17.53	26.81	-5.79	-2.00	12.28	31.07
	28	-3.90	22.87	5.79	2.00	24.00	-18.71
45	33	-38.98	28.69	-4.56	-2.08	9.00	33.32
	28	17.56	20.99	4.56	2.08	19.54	-9.22
46	33	-17.53	26.81	-4.54	-2.08	8.96	31.07
	28	-3.90	22.87	4.54	2.08	19.49	-18.71
47	33	-38.98	28.69	-5.81	-2.00	12.32	33.31
	28	17.55	20.99	5.81	2.00	24.04	-9.23
48	33	-16.82	26.80	4.56	2.08	-8.99	31.04
	28	-4.61	22.88	-4.56	-2.08	-19.54	-18.74
49	33	-38.27	28.68	5.79	2.00	-12.27	33.29
	28	16.84	21.00	-5.79	-2.00	-24.00	-9.25
50	33	-16.82	26.80	5.81	2.00	-12.31	31.04
	28	-4.61	22.88	-5.81	-2.00	-24.04	-18.74
51	33	-38.27	28.68	4.54	2.08	-8.96	33.29
	28	16.84	21.00	-4.54	-2.08	-19.49	-9.26
52	33	-17.52	26.81	-0.04	-1.88	-1.71	31.07
	28	-3.91	22.87	0.04	1.88	1.97	-18.72
53	33	-38.98	28.69	1.20	-1.95	-5.00	33.31
	28	17.55	20.99	-1.20	1.95	-2.49	-9.23
54	33	-17.52	26.81	1.21	-1.95	-5.03	31.07
	28	-3.90	22.87	-1.21	1.95	-2.54	-18.72
55	33	-38.97	28.69	-0.05	-1.88	-1.68	33.31
	28	17.55	20.99	0.05	1.88	2.01	-9.23
56	33	-16.82	26.81	-1.20	1.95	5.00	31.04
	28	-4.60	22.87	1.20	-1.95	2.49	-18.74

57	33	-38.28	28.68	0.04	1.88	1.72	33.29	
	28	16.85	21.00	-0.04	-1.88	-1.97	-9.25	
58	33	-16.83	26.81	0.05	1.88	1.68	31.04	
	28	-4.60	22.87	-0.05	-1.88	-2.01	-18.74	
59	33	-38.28	28.68	-1.21	1.96	5.04	33.29	
	28	16.85	21.00	1.21	-1.96	2.54	-9.25	
60	33	7.75	24.62	-3.61	-0.48	8.66	28.44	
	28	-29.18	25.06	3.61	0.48	13.96	-29.80	
61	33	7.96	24.62	-0.51	0.74	2.28	28.43	
	28	-29.39	25.06	0.51	-0.74	0.90	-29.81	
62	33	7.75	24.62	-1.89	-0.45	4.47	28.44	
	28	-29.18	25.06	1.89	0.45	7.35	-29.80	
63	33	7.96	24.62	-2.23	0.70	6.48	28.43	
	28	-29.39	25.06	2.23	-0.70	7.51	-29.80	
64	33	-63.76	30.87	0.51	-0.74	-2.28	35.93	
	28	42.34	18.81	-0.51	0.74	-0.90	1.84	
65	33	-63.55	30.87	3.61	0.48	-8.66	35.92	
	28	42.12	18.81	-3.61	-0.48	-13.96	1.83	
66	33	-63.76	30.87	2.23	-0.70	-6.48	35.93	
	28	42.33	18.81	-2.23	0.70	-7.51	1.83	
67	33	-63.55	30.87	1.89	0.45	-4.46	35.92	
	28	42.13	18.81	-1.89	-0.45	-7.35	1.83	
68	33	7.74	24.62	0.55	-0.74	-2.40	28.44	
	28	-29.17	25.06	-0.55	0.74	-1.06	-29.79	
69	33	7.96	24.62	3.66	0.48	-8.78	28.43	
	28	-29.39	25.06	-3.66	-0.48	-14.12	-29.80	
70	33	7.75	24.62	2.28	-0.71	-6.59	28.44	
	28	-29.17	25.06	-2.28	0.71	-7.66	-29.80	
71	33	7.96	24.62	1.93	0.44	-4.58	28.43	
	28	-29.38	25.06	-1.93	-0.44	-7.51	-29.80	
72	33	-63.76	30.87	-3.66	-0.48	8.78	35.93	
	28	42.33	18.81	3.66	0.48	14.12	1.83	
73	33	-63.54	30.87	-0.55	0.75	2.40	35.92	
	28	42.12	18.81	0.55	-0.75	1.06	1.82	
74	33	-63.76	30.87	-1.93	-0.44	4.59	35.93	
	28	42.33	18.81	1.93	0.44	7.51	1.83	
75	33	-63.55	30.87	-2.28	0.71	6.60	35.92	
	28	42.12	18.81	2.28	-0.71	7.67	1.83	
41	1	19	15.38	-16.89	-4.94	-1.42	8.16	-12.12
		34	0.69	-20.37	4.94	1.42	22.78	23.03
	2	19	13.45	-5.44	-1.60	-0.47	2.55	-3.15
		34	-8.09	-6.98	1.60	0.47	7.49	7.99
	3	19	5.25	-1.65	-0.47	-0.14	0.73	-1.43
		34	-3.76	-1.80	0.47	0.14	2.19	1.92
	4	19	5.06	-2.60	-0.83	-0.25	1.33	-2.18
		34	-2.68	-2.92	0.83	0.25	3.87	3.18
	5	19	-0.96	0.01	-0.08	0.10	0.40	0.03
		34	0.96	-0.01	0.08	-0.10	0.13	0.03
	6	19	0.35	0.00	0.11	-0.09	-0.41	-0.01

	34	-0.35	0.00	-0.11	0.09	-0.25	-0.01
7	19	6.18	0.41	-1.26	-0.08	3.73	1.98
	34	-6.18	-0.41	1.26	0.08	4.17	0.57
8	19	-3.93	-0.38	1.25	0.08	-3.68	-1.89
	34	3.93	0.38	-1.25	-0.08	-4.12	-0.49
9	19	48.27	-33.43	-9.91	-2.76	16.38	-23.60
	34	-16.40	-40.46	9.91	2.76	45.65	45.61
10	19	49.46	-33.45	-9.74	-2.93	15.66	-23.64
	34	-17.58	-40.45	9.74	2.93	45.31	45.57
11	19	54.70	-33.08	-10.97	-2.93	19.38	-21.85
	34	-22.83	-40.82	10.97	2.93	49.29	46.10
12	19	45.60	-33.79	-8.71	-2.78	12.71	-25.34
	34	-13.73	-40.11	8.71	2.78	41.82	45.15
13	19	44.20	-32.91	-9.83	-2.74	16.28	-23.09
	34	-12.77	-39.95	9.83	2.74	45.27	45.12
14	19	45.38	-32.93	-9.66	-2.91	15.56	-23.13
	34	-13.96	-39.94	9.66	2.91	44.93	45.08
15	19	50.63	-32.56	-10.89	-2.90	19.28	-21.34
	34	-19.20	-40.31	10.89	2.90	48.91	45.60
16	19	41.53	-33.27	-8.63	-2.76	12.61	-24.83
	34	-10.10	-39.60	8.63	2.76	41.44	44.65
17	19	39.82	-30.96	-9.26	-2.49	15.52	-21.44
	34	-10.18	-37.77	9.26	2.49	42.45	42.75
18	19	41.80	-30.98	-8.97	-2.77	14.32	-21.51
	34	-12.16	-37.74	8.97	2.77	41.87	42.69
19	19	50.54	-30.36	-11.02	-2.76	20.52	-18.52
	34	-20.90	-38.36	11.02	2.76	48.51	43.56
20	19	35.37	-31.54	-7.26	-2.52	9.41	-24.33
	34	-5.73	-37.18	7.26	2.52	36.07	41.98
21	19	36.02	-25.27	-7.48	-2.09	12.35	-17.77
	34	-11.92	-30.62	7.48	2.09	34.47	34.54
22	19	36.81	-25.27	-7.36	-2.21	11.87	-17.80
	34	-12.71	-30.62	7.36	2.21	34.24	34.52
23	19	40.31	-25.03	-8.18	-2.20	14.35	-16.60
	34	-16.21	-30.86	8.18	2.20	36.89	34.87
24	19	34.24	-25.50	-6.68	-2.11	9.90	-18.93
	34	-10.14	-30.39	6.68	2.11	31.92	34.23
25	19	33.31	-24.92	-7.43	-2.08	12.28	-17.43
	34	-9.50	-30.28	7.43	2.08	34.22	34.21
26	19	34.10	-24.93	-7.31	-2.19	11.80	-17.46
	34	-10.29	-30.27	7.31	2.19	33.99	34.19
27	19	37.60	-24.68	-8.13	-2.19	14.28	-16.26
	34	-13.79	-30.52	8.13	2.19	36.64	34.54
28	19	31.53	-25.15	-6.63	-2.09	9.84	-18.59
	34	-7.72	-30.05	6.63	2.09	31.66	33.91
29	19	30.39	-23.62	-7.04	-1.91	11.78	-16.33
	34	-7.78	-28.82	7.04	1.91	32.34	32.64
30	19	31.71	-23.63	-6.85	-2.10	10.97	-16.38
	34	-9.09	-28.81	6.85	2.10	31.95	32.60
31	19	37.54	-23.22	-8.22	-2.09	15.11	-14.38

	34	-14.92	-29.22	8.22	2.09	36.38	33.18
32	19	27.43	-24.01	-5.71	-1.93	7.70	-18.26
	34	-4.81	-28.43	5.71	1.93	28.08	32.12
33	19	28.83	-22.33	-6.55	-1.89	10.72	-15.28
	34	-7.40	-27.35	6.55	1.89	30.27	31.02
34	19	29.84	-22.85	-6.71	-1.94	10.98	-15.71
	34	-7.94	-27.94	6.71	1.94	31.04	31.66
35	19	28.63	-22.32	-6.56	-1.87	10.80	-15.27
	34	-7.21	-27.36	6.56	1.87	30.30	31.03
36	19	28.90	-22.33	-6.52	-1.90	10.63	-15.28
	34	-7.47	-27.35	6.52	1.90	30.22	31.02
37	19	30.06	-22.24	-6.80	-1.90	11.46	-14.88
	34	-8.64	-27.44	6.80	1.90	31.10	31.13
38	19	28.04	-22.40	-6.30	-1.87	9.98	-15.65
	34	-6.61	-27.28	6.30	1.87	29.45	30.92
39	19	28.83	-22.33	-6.55	-1.89	10.72	-15.28
	34	-7.40	-27.35	6.55	1.89	30.27	31.02
40	19	-30.45	0.32	-1.36	2.24	6.59	1.07
	34	30.45	-0.32	1.36	-2.24	1.94	0.93
41	19	-22.85	0.21	-5.05	2.55	19.78	0.55
	34	22.85	-0.21	5.05	-2.55	11.82	0.76
42	19	-53.16	3.57	2.71	-0.48	-7.79	17.29
	34	53.16	-3.57	-2.71	0.48	-9.16	5.05
43	19	-41.02	3.05	0.35	-0.54	-0.68	14.81
	34	41.02	-3.05	-0.35	0.54	-1.50	4.28
44	19	-17.58	-20.94	-7.10	0.21	14.97	-9.02
	34	39.00	-28.74	7.10	-0.21	29.46	33.46
45	19	14.32	-23.08	-8.72	0.49	19.65	-19.39
	34	7.11	-26.60	8.72	-0.49	34.96	30.43
46	19	-13.93	-21.09	-7.80	0.19	17.11	-9.76
	34	35.36	-28.59	7.80	-0.19	31.76	33.23
47	19	10.68	-22.92	-8.01	0.51	17.51	-18.65
	34	10.75	-26.76	8.01	-0.51	32.66	30.66
48	19	43.33	-21.57	-4.37	-4.26	1.79	-11.16
	34	-21.90	-28.11	4.37	4.26	25.58	31.61
49	19	75.23	-23.71	-5.99	-3.98	6.46	-21.53
	34	-53.80	-25.97	5.99	3.98	31.08	28.58
50	19	46.97	-21.73	-5.08	-4.28	3.92	-11.90
	34	-25.55	-27.95	5.08	4.28	27.88	31.38
51	19	71.59	-23.56	-5.29	-3.96	4.33	-20.79
	34	-50.16	-26.12	5.29	3.96	28.78	28.81
52	19	-9.97	-21.05	-10.78	0.53	28.16	-9.54
	34	31.40	-28.63	10.78	-0.53	39.34	33.29
53	19	21.92	-23.19	-12.40	0.81	32.83	-19.92
	34	-0.50	-26.49	12.40	-0.81	44.84	30.26
54	19	-6.33	-21.20	-11.49	0.51	30.29	-10.29
	34	27.76	-28.48	11.49	-0.51	41.64	33.06
55	19	18.28	-23.03	-11.70	0.83	30.70	-19.17
	34	3.14	-26.65	11.70	-0.83	42.54	30.49
56	19	35.73	-21.46	-0.69	-4.58	-11.40	-10.63

		34	-14.30	-28.22	0.69	4.58	15.70	31.78
57		19	67.63	-23.60	-2.31	-4.30	-6.73	-21.01
		34	-46.20	-26.08	2.31	4.30	21.20	28.75
58		19	39.37	-21.62	-1.40	-4.60	-9.27	-11.38
		34	-17.94	-28.06	1.40	4.60	18.00	31.55
59		19	63.98	-23.45	-1.60	-4.28	-8.86	-20.26
		34	-42.56	-26.23	1.60	4.28	18.90	28.98
60		19	-33.47	-18.66	-4.25	-1.69	4.91	2.33
		34	54.90	-31.02	4.25	1.69	21.69	36.34
61		19	-15.20	-18.85	-3.43	-3.03	0.95	1.69
		34	36.63	-30.83	3.43	3.03	20.53	35.79
62		19	-31.19	-18.70	-5.35	-1.60	8.86	2.18
		34	52.62	-30.98	5.35	1.60	24.66	36.29
63		19	-17.48	-18.82	-2.33	-3.13	-3.00	1.85
		34	38.91	-30.86	2.33	3.13	17.56	35.84
64		19	72.85	-25.80	-9.66	-0.74	20.48	-32.24
		34	-51.43	-23.88	9.66	0.74	40.01	26.25
65		19	91.12	-25.99	-8.84	-2.08	16.52	-32.89
		34	-69.70	-23.69	8.84	2.08	38.85	25.70
66		19	75.13	-25.83	-10.76	-0.64	24.43	-32.40
		34	-53.71	-23.85	10.76	0.64	42.98	26.20
67		19	88.84	-25.95	-7.74	-2.18	12.57	-32.73
		34	-67.42	-23.73	7.74	2.18	35.88	25.75
68		19	-21.33	-19.18	-6.61	-1.76	12.01	-0.14
		34	42.76	-30.50	6.61	1.76	29.36	35.58
69		19	-3.06	-19.37	-5.79	-3.10	8.06	-0.78
		34	24.49	-30.31	5.79	3.10	28.19	35.03
70		19	-19.05	-19.21	-7.71	-1.66	15.97	-0.30
		34	40.48	-30.47	7.71	1.66	32.32	35.53
71		19	-5.34	-19.34	-4.68	-3.19	4.10	-0.63
		34	26.77	-30.34	4.68	3.19	25.23	35.08
72		19	60.71	-25.28	-7.30	-0.67	13.37	-29.77
		34	-39.29	-24.40	7.30	0.67	32.35	27.02
73		19	78.99	-25.47	-6.48	-2.02	9.42	-30.41
		34	-57.56	-24.21	6.48	2.02	31.18	26.46
74		19	62.99	-25.31	-8.41	-0.58	17.33	-29.92
		34	-41.57	-24.37	8.41	0.58	35.31	26.96
75		19	76.70	-25.44	-5.38	-2.11	5.46	-30.25
		34	-55.28	-24.24	5.38	2.11	28.22	26.51
42	1	34	-0.69	20.37	-4.94	1.42	22.78	23.03
		29	-15.38	16.89	4.94	-1.42	8.16	-12.12
	2	34	8.09	6.98	-1.60	0.47	7.49	7.99
		29	-13.45	5.44	1.60	-0.47	2.55	-3.15
	3	34	3.76	1.80	-0.47	0.14	2.19	1.92
		29	-5.25	1.65	0.47	-0.14	0.73	-1.43
	4	34	2.68	2.92	-0.83	0.25	3.87	3.18
		29	-5.06	2.60	0.83	-0.25	1.33	-2.18
	5	34	-0.97	0.01	-0.08	-0.10	0.13	0.03
		29	0.97	-0.01	0.08	0.10	0.40	0.03

6	34	0.35	0.00	0.11	0.09	-0.25	-0.01
	29	-0.35	0.00	-0.11	-0.09	-0.41	-0.01
7	34	-3.89	-0.38	1.24	-0.08	-4.12	-0.48
	29	3.89	0.38	-1.24	0.08	-3.68	-1.88
8	34	6.14	0.40	-1.26	0.08	4.17	0.56
	29	-6.14	-0.40	1.26	-0.08	3.72	1.97
9	34	16.40	40.46	-9.91	2.76	45.65	45.61
	29	-48.27	33.44	9.91	-2.76	16.38	-23.61
10	34	17.59	40.45	-9.74	2.93	45.31	45.57
	29	-49.46	33.45	9.74	-2.93	15.65	-23.64
11	34	13.77	40.12	-8.71	2.78	41.83	45.15
	29	-45.64	33.78	8.71	-2.78	12.71	-25.32
12	34	22.80	40.82	-10.96	2.93	49.28	46.09
	29	-54.67	33.08	10.96	-2.93	19.37	-21.86
13	34	12.78	39.95	-9.83	2.74	45.27	45.12
	29	-44.20	32.92	9.83	-2.74	16.28	-23.09
14	34	13.96	39.94	-9.66	2.91	44.93	45.08
	29	-45.39	32.93	9.66	-2.91	15.56	-23.13
15	34	10.14	39.60	-8.63	2.76	41.45	44.66
	29	-41.57	33.26	8.63	-2.76	12.61	-24.81
16	34	19.17	40.30	-10.89	2.90	48.90	45.60
	29	-50.60	32.56	10.89	-2.90	19.28	-21.35
17	34	10.18	37.76	-9.26	2.49	42.45	42.75
	29	-39.83	30.96	9.26	-2.49	15.52	-21.44
18	34	12.16	37.74	-8.97	2.77	41.88	42.69
	29	-41.80	30.98	8.97	-2.77	14.31	-21.51
19	34	5.79	37.19	-7.26	2.52	36.08	41.99
	29	-35.43	31.54	7.26	-2.52	9.41	-24.31
20	34	20.85	38.36	-11.02	2.76	48.50	43.55
	29	-50.49	30.37	11.02	-2.76	20.51	-18.54
21	34	11.92	30.62	-7.48	2.09	34.47	34.54
	29	-36.03	25.27	7.48	-2.09	12.35	-17.77
22	34	12.71	30.61	-7.36	2.21	34.24	34.52
	29	-36.82	25.28	7.36	-2.21	11.87	-17.80
23	34	10.16	30.39	-6.68	2.11	31.92	34.24
	29	-34.27	25.50	6.68	-2.11	9.90	-18.92
24	34	16.19	30.86	-8.18	2.20	36.89	34.86
	29	-40.29	25.03	8.18	-2.20	14.34	-16.61
25	34	9.50	30.28	-7.43	2.08	34.22	34.21
	29	-33.31	24.92	7.43	-2.08	12.28	-17.43
26	34	10.30	30.27	-7.31	2.19	33.99	34.19
	29	-34.10	24.93	7.31	-2.19	11.80	-17.46
27	34	7.75	30.05	-6.63	2.09	31.67	33.91
	29	-31.55	25.15	6.63	-2.09	9.84	-18.58
28	34	13.77	30.52	-8.13	2.19	36.64	34.53
	29	-37.58	24.68	8.13	-2.19	14.28	-16.27
29	34	7.78	28.82	-7.04	1.91	32.34	32.64
	29	-30.39	23.62	7.04	-1.91	11.78	-16.33
30	34	9.10	28.81	-6.85	2.10	31.95	32.59
	29	-31.71	23.63	6.85	-2.10	10.97	-16.38

31	34	4.85	28.44	-5.72	1.93	28.09	32.13
	29	-27.47	24.00	5.72	-1.93	7.70	-18.24
32	34	14.88	29.22	-8.22	2.09	36.37	33.17
	29	-37.50	23.22	8.22	-2.09	15.10	-14.40
33	34	7.40	27.35	-6.54	1.89	30.27	31.02
	29	-28.83	22.33	6.54	-1.89	10.71	-15.28
34	34	7.94	27.94	-6.71	1.94	31.04	31.66
	29	-29.84	22.85	6.71	-1.94	10.98	-15.71
35	34	7.21	27.36	-6.56	1.87	30.30	31.03
	29	-28.63	22.32	6.56	-1.87	10.79	-15.27
36	34	7.47	27.35	-6.52	1.90	30.22	31.02
	29	-28.90	22.33	6.52	-1.90	10.63	-15.28
37	34	6.62	27.28	-6.30	1.87	29.45	30.92
	29	-28.05	22.40	6.30	-1.87	9.98	-15.65
38	34	8.63	27.44	-6.80	1.90	31.10	31.13
	29	-30.06	22.24	6.80	-1.90	11.46	-14.88
39	34	7.40	27.35	-6.54	1.89	30.27	31.02
	29	-28.83	22.33	6.54	-1.89	10.71	-15.28
40	34	-22.88	0.21	-5.04	-2.55	11.81	0.76
	29	22.88	-0.21	5.04	2.55	19.78	0.55
41	34	-30.47	0.32	-1.36	-2.24	1.94	0.92
	29	30.47	-0.32	1.36	2.24	6.60	1.07
42	34	53.58	-3.54	-2.73	-0.47	9.24	-4.99
	29	-53.58	3.54	2.73	0.47	7.84	-17.16
43	34	41.35	-3.02	-0.36	-0.53	1.55	-4.23
	29	-41.35	3.02	0.36	0.53	0.72	-14.70
44	34	0.59	26.50	-12.41	-0.81	44.86	30.28
	29	-22.02	23.18	12.41	0.81	32.84	-19.87
45	34	-31.56	28.62	-10.77	-0.53	39.31	33.28
	29	10.13	21.06	10.77	0.53	28.14	-9.57
46	34	-3.08	26.66	-11.70	-0.83	42.55	30.51
	29	-18.35	23.02	11.70	0.83	30.71	-19.13
47	34	-27.89	28.47	-11.48	-0.51	41.62	33.05
	29	6.46	21.21	11.48	0.51	30.28	-10.31
48	34	46.36	26.08	-2.32	4.30	21.23	28.76
	29	-67.78	23.60	2.32	-4.30	-6.71	-20.98
49	34	14.21	28.21	-0.68	4.58	15.68	31.76
	29	-35.64	21.47	0.68	-4.58	-11.42	-10.68
50	34	42.69	26.24	-1.61	4.28	18.92	28.99
	29	-64.12	23.44	1.61	-4.28	-8.85	-20.24
51	34	17.88	28.05	-1.39	4.60	17.99	31.53
	29	-39.31	21.63	1.39	-4.60	-9.28	-11.42
52	34	-7.00	26.61	-8.73	-0.49	34.98	30.45
	29	-14.43	23.07	8.73	0.49	19.67	-19.35
53	34	-39.14	28.73	-7.09	-0.21	29.43	33.44
	29	17.71	20.95	7.09	0.21	14.96	-9.05
54	34	-10.66	26.77	-8.02	-0.51	32.67	30.67
	29	-10.76	22.91	8.02	0.51	17.53	-18.61
55	34	-35.47	28.58	-7.80	-0.19	31.74	33.22
	29	14.04	21.10	7.80	0.19	17.10	-9.79

	56	34	53.94	25.97	-6.00	3.98	31.10	28.60
		29	-75.37	23.71	6.00	-3.98	6.47	-21.50
	57	34	21.80	28.10	-4.36	4.26	25.56	31.59
		29	-43.22	21.58	4.36	-4.26	1.76	-11.20
	58	34	50.27	26.13	-5.29	3.96	28.80	28.82
		29	-71.70	23.55	5.29	-3.96	4.33	-20.76
	59	34	25.46	27.94	-5.07	4.28	27.87	31.37
		29	-46.89	21.74	5.07	-4.28	3.90	-11.94
	60	34	54.11	23.88	-10.79	0.65	43.06	26.26
		29	-75.54	25.80	10.79	-0.65	24.49	-32.27
	61	34	67.84	23.75	-7.76	2.18	35.97	25.80
		29	-89.27	25.93	7.76	-2.18	12.63	-32.60
	62	34	51.84	23.91	-9.68	0.75	40.09	26.31
		29	-73.26	25.77	9.68	-0.75	20.54	-32.12
	63	34	70.12	23.72	-8.86	2.09	38.93	25.75
		29	-91.54	25.96	8.86	-2.09	16.58	-32.76
	64	34	-53.04	30.95	-5.33	1.59	24.57	36.24
		29	31.61	18.73	5.33	-1.59	8.80	2.05
	65	34	-39.31	30.83	-2.30	3.12	17.48	35.78
		29	17.88	18.85	2.30	-3.12	-3.06	1.72
	66	34	-55.32	30.99	-4.23	1.68	21.61	36.29
		29	33.89	18.69	4.23	-1.68	4.85	2.21
	67	34	-37.04	30.80	-3.41	3.02	20.45	35.73
		29	15.61	18.88	3.41	-3.02	0.89	1.56
	68	34	41.88	24.39	-8.42	0.58	35.36	27.01
		29	-63.31	25.29	8.42	-0.58	17.36	-29.81
	69	34	55.61	24.27	-5.39	2.12	28.28	26.56
		29	-77.04	25.41	5.39	-2.12	5.50	-30.14
	70	34	39.61	24.43	-7.32	0.68	32.40	27.06
		29	-61.03	25.25	7.32	-0.68	13.41	-29.66
	71	34	57.89	24.23	-6.50	2.02	31.24	26.51
		29	-79.31	25.45	6.50	-2.02	9.45	-30.30
	72	34	-40.81	30.44	-7.70	1.65	32.26	35.48
		29	19.38	19.24	7.70	-1.65	15.93	-0.41
	73	34	-27.08	30.32	-4.67	3.19	25.18	35.03
		29	5.65	19.36	4.67	-3.19	4.06	-0.74
	74	34	-43.09	30.47	-6.59	1.75	29.30	35.53
		29	21.66	19.21	6.59	-1.75	11.98	-0.25
	75	34	-24.81	30.28	-5.77	3.09	28.14	34.98
		29	3.38	19.40	5.77	-3.09	8.02	-0.89
43	1	21	19.08	0.00	20.58	0.00	-20.14	0.00
		31	-3.01	0.00	16.68	0.00	7.93	0.00
	2	21	8.33	0.00	7.26	0.00	-8.00	0.00
		31	-2.98	0.00	5.16	0.00	1.42	0.00
	3	21	2.04	0.00	1.98	0.00	-2.08	0.00
		31	-0.55	0.00	1.47	0.00	0.50	0.00
	4	21	3.08	0.00	3.14	0.00	-3.19	0.00
		31	-0.69	0.00	2.38	0.00	0.79	0.00
	5	21	12.07	0.00	-0.32	0.00	1.19	0.00

	31	-12.07	0.00	0.32	0.00	0.82	0.00
6	21	-5.51	0.00	0.26	0.00	-0.99	0.00
	31	5.51	0.00	-0.26	0.00	-0.62	0.00
7	21	-0.05	0.14	-0.01	-0.54	0.02	0.69
	31	0.05	-0.14	0.01	0.54	0.01	0.21
8	21	-0.04	-0.14	0.00	0.54	0.02	-0.69
	31	0.04	0.14	0.00	-0.54	0.01	-0.21
9	21	51.86	0.00	41.23	0.00	-41.02	0.00
	31	-19.99	0.00	32.67	0.00	14.23	0.00
10	21	36.04	0.00	41.75	0.00	-42.98	0.00
	31	-4.17	0.00	32.15	0.00	12.94	0.00
11	21	40.96	0.13	41.51	-0.48	-42.07	0.62
	31	-9.09	-0.13	32.39	0.48	13.51	0.18
12	21	40.97	-0.13	41.51	0.49	-42.08	-0.62
	31	-9.09	0.13	32.39	-0.49	13.51	-0.19
13	21	51.11	0.00	40.62	0.00	-40.30	0.00
	31	-19.68	0.00	32.24	0.00	14.07	0.00
14	21	35.29	0.00	41.14	0.00	-42.25	0.00
	31	-3.86	0.00	31.72	0.00	12.77	0.00
15	21	40.21	0.13	40.90	-0.48	-41.35	0.62
	31	-8.78	-0.13	31.96	0.48	13.35	0.18
16	21	40.21	-0.13	40.90	0.49	-41.35	-0.62
	31	-8.79	0.13	31.96	-0.49	13.35	-0.19
17	21	56.04	0.00	38.07	0.00	-37.19	0.00
	31	-26.40	0.00	30.65	0.00	13.98	0.00
18	21	29.68	0.00	38.94	0.00	-40.45	0.00
	31	-0.04	0.00	29.79	0.00	11.81	0.00
19	21	37.87	0.21	38.54	-0.81	-38.94	1.03
	31	-8.23	-0.21	30.18	0.81	12.76	0.31
20	21	37.88	-0.21	38.54	0.81	-38.95	-1.03
	31	-8.24	0.21	30.18	-0.81	12.76	-0.31
21	21	38.23	0.00	31.20	0.00	-31.10	0.00
	31	-14.12	0.00	24.69	0.00	10.74	0.00
22	21	27.68	0.00	31.54	0.00	-32.41	0.00
	31	-3.58	0.00	24.35	0.00	9.87	0.00
23	21	30.96	0.09	31.39	-0.32	-31.80	0.41
	31	-6.86	-0.09	24.50	0.32	10.25	0.12
24	21	30.97	-0.09	31.39	0.32	-31.80	-0.41
	31	-6.86	0.09	24.50	-0.32	10.25	-0.12
25	21	37.73	0.00	30.79	0.00	-30.62	0.00
	31	-13.92	0.00	24.41	0.00	10.63	0.00
26	21	27.18	0.00	31.14	0.00	-31.92	0.00
	31	-3.37	0.00	24.06	0.00	9.76	0.00
27	21	30.46	0.09	30.98	-0.32	-31.32	0.41
	31	-6.65	-0.09	24.22	0.32	10.14	0.12
28	21	30.46	-0.09	30.98	0.32	-31.32	-0.41
	31	-6.65	0.09	24.22	-0.32	10.14	-0.12
29	21	41.02	0.00	29.09	0.00	-28.55	0.00
	31	-18.40	0.00	23.35	0.00	10.56	0.00
30	21	23.44	0.00	29.67	0.00	-30.72	0.00

	31	-0.82	0.00	22.77	0.00	9.12	0.00
31	21	28.90	0.14	29.41	-0.54	-29.71	0.69
	31	-6.28	-0.14	23.03	0.54	9.76	0.21
32	21	28.91	-0.14	29.41	0.54	-29.72	-0.69
	31	-6.29	0.14	23.03	-0.54	9.75	-0.21
33	21	27.41	0.00	27.84	0.00	-28.14	0.00
	31	-5.98	0.00	21.84	0.00	9.35	0.00
34	21	28.03	0.00	28.47	0.00	-28.78	0.00
	31	-6.12	0.00	22.31	0.00	9.51	0.00
35	21	29.82	0.00	27.78	0.00	-27.90	0.00
	31	-8.40	0.00	21.90	0.00	9.51	0.00
36	21	26.31	0.00	27.89	0.00	-28.34	0.00
	31	-4.88	0.00	21.79	0.00	9.22	0.00
37	21	27.40	0.03	27.84	-0.11	-28.14	0.14
	31	-5.97	-0.03	21.84	0.11	9.35	0.04
38	21	27.40	-0.03	27.84	0.11	-28.14	-0.14
	31	-5.98	0.03	21.84	-0.11	9.35	-0.04
39	21	27.41	0.00	27.84	0.00	-28.14	0.00
	31	-5.98	0.00	21.84	0.00	9.35	0.00
40	21	-5.64	0.30	-4.46	-0.13	17.83	0.70
	31	5.64	-0.30	4.46	0.13	10.10	1.16
41	21	-5.63	-0.30	-4.46	0.13	17.83	-0.70
	31	5.63	0.30	4.46	-0.13	10.10	-1.16
42	21	-0.03	-0.68	0.00	-3.80	0.01	7.98
	31	0.03	0.68	0.00	3.80	0.01	-12.23
43	21	-0.04	-1.23	0.00	-4.58	0.02	9.68
	31	0.04	1.23	0.00	4.58	0.01	-17.35
44	21	21.76	0.09	23.38	-1.27	-10.31	3.10
	31	-0.34	-0.09	26.30	1.27	19.45	-2.51
45	21	21.78	0.50	23.38	1.01	-10.31	-1.69
	31	-0.36	-0.50	26.30	-1.01	19.45	4.83
46	21	21.76	-0.07	23.38	-1.51	-10.30	3.60
	31	-0.33	0.07	26.30	1.51	19.46	-4.05
47	21	21.79	0.66	23.38	1.24	-10.32	-2.20
	31	-0.36	-0.66	26.30	-1.24	19.45	6.36
48	21	33.04	-0.50	32.30	-1.01	-45.97	1.69
	31	-11.61	0.50	17.38	1.01	-0.75	-4.83
49	21	33.06	-0.09	32.30	1.27	-45.97	-3.10
	31	-11.63	0.09	17.38	-1.27	-0.76	2.51
50	21	33.03	-0.66	32.30	-1.24	-45.97	2.20
	31	-11.61	0.66	17.38	1.24	-0.75	-6.36
51	21	33.06	0.07	32.30	1.51	-45.98	-3.60
	31	-11.63	-0.07	17.38	-1.51	-0.76	4.05
52	21	21.77	-0.50	23.38	-1.01	-10.31	1.69
	31	-0.34	0.50	26.30	1.01	19.45	-4.83
53	21	21.79	-0.09	23.38	1.27	-10.32	-3.10
	31	-0.36	0.09	26.30	-1.27	19.45	2.51
54	21	21.76	-0.66	23.38	-1.24	-10.31	2.20
	31	-0.34	0.66	26.30	1.24	19.45	-6.36
55	21	21.79	0.07	23.38	1.51	-10.32	-3.60

		31	-0.36	-0.07	26.30	-1.51	19.45	4.05
56		21	33.03	0.09	32.30	-1.27	-45.96	3.10
		31	-11.61	-0.09	17.38	1.27	-0.75	-2.51
57		21	33.05	0.50	32.30	1.01	-45.97	-1.69
		31	-11.63	-0.50	17.38	-1.01	-0.76	4.83
58		21	33.03	-0.07	32.30	-1.51	-45.96	3.60
		31	-11.60	0.07	17.38	1.51	-0.75	-4.05
59		21	33.06	0.66	32.30	1.24	-45.97	-2.20
		31	-11.63	-0.66	17.38	-1.24	-0.76	6.36
60		21	25.69	-0.59	26.50	-3.84	-22.78	8.20
		31	-4.26	0.59	23.18	3.84	12.39	-11.88
61		21	29.07	-0.77	29.18	-3.76	-33.48	7.77
		31	-7.64	0.77	20.50	3.76	6.33	-12.58
62		21	25.69	-0.77	26.50	-3.76	-22.78	7.77
		31	-4.26	0.77	23.18	3.76	12.39	-12.58
63		21	29.07	-0.59	29.18	-3.84	-33.48	8.20
		31	-7.64	0.59	20.50	3.84	6.33	-11.88
64		21	25.75	0.77	26.51	3.76	-22.81	-7.77
		31	-4.33	-0.77	23.17	-3.76	12.37	12.58
65		21	29.13	0.59	29.18	3.84	-33.50	-8.20
		31	-7.71	-0.59	20.50	-3.84	6.31	11.88
66		21	25.75	0.59	26.51	3.84	-22.81	-8.20
		31	-4.33	-0.59	23.17	-3.84	12.37	11.88
67		21	29.13	0.77	29.18	3.76	-33.50	-7.77
		31	-7.71	-0.77	20.50	-3.76	6.31	12.58
68		21	25.68	-1.14	26.50	-4.62	-22.77	9.89
		31	-4.25	1.14	23.18	4.62	12.39	-17.00
69		21	29.06	-1.31	29.17	-4.54	-33.47	9.47
		31	-7.63	1.31	20.51	4.54	6.33	-17.70
70		21	25.68	-1.31	26.50	-4.54	-22.77	9.47
		31	-4.25	1.31	23.18	4.54	12.39	-17.70
71		21	29.06	-1.14	29.17	-4.62	-33.47	9.89
		31	-7.63	1.14	20.51	4.62	6.33	-17.00
72		21	25.76	1.31	26.51	4.54	-22.81	-9.47
		31	-4.34	-1.31	23.17	-4.54	12.37	17.70
73		21	29.15	1.14	29.18	4.62	-33.51	-9.89
		31	-7.72	-1.14	20.50	-4.62	6.31	17.00
74		21	25.77	1.14	26.51	4.62	-22.81	-9.89
		31	-4.34	-1.14	23.17	-4.62	12.37	17.00
75		21	29.14	1.31	29.18	4.54	-33.51	-9.47
		31	-7.72	-1.31	20.50	-4.54	6.31	17.70
44	1	31	46.68	0.00	-148.90	0.00	-91.52	0.00
		32	-46.68	0.00	165.31	0.00	193.64	0.00
	2	31	46.45	0.00	-50.27	0.00	-35.56	0.00
		32	-46.45	0.00	57.41	0.00	70.56	0.00
	3	31	9.57	0.00	-15.31	0.00	-9.79	0.00
		32	-9.57	0.00	17.30	0.00	20.39	0.00
	4	31	11.52	0.00	-26.67	0.00	-16.30	0.00
		32	-11.52	0.00	29.84	0.00	34.67	0.00

5	31	4.37	0.00	1.11	0.00	-2.06	0.00
	32	-4.37	0.00	-1.11	0.00	1.34	0.00
6	31	0.80	0.00	0.89	0.00	1.29	0.00
	32	-0.80	0.00	-0.89	0.00	-1.87	0.00
7	31	0.03	-13.68	-0.03	-1.93	-0.09	-3.20
	32	-0.03	13.68	0.03	1.93	0.11	-5.70
8	31	-0.03	13.68	-0.04	1.93	-0.06	3.20
	32	0.03	-13.68	0.04	-1.93	0.09	5.70
9	31	147.99	0.00	-300.91	0.00	-193.96	0.00
	32	-147.99	0.00	336.86	0.00	401.24	0.00
10	31	144.78	0.00	-301.10	0.00	-190.95	0.00
	32	-144.78	0.00	337.06	0.00	398.36	0.00
11	31	144.09	-12.31	-301.93	-1.74	-192.20	-2.88
	32	-144.09	12.31	337.89	1.74	400.14	-5.13
12	31	144.04	12.32	-301.94	1.74	-192.17	2.88
	32	-144.04	-12.32	337.90	-1.74	400.12	5.13
13	31	142.29	0.00	-297.94	0.00	-191.51	0.00
	32	-142.29	0.00	333.30	0.00	396.66	0.00
14	31	139.08	0.00	-298.14	0.00	-188.50	0.00
	32	-139.08	0.00	333.50	0.00	393.78	0.00
15	31	138.38	-12.31	-298.96	-1.74	-189.74	-2.88
	32	-138.38	12.31	334.33	1.74	395.56	-5.13
16	31	138.33	12.32	-298.97	1.74	-189.72	2.88
	32	-138.33	-12.32	334.33	-1.74	395.54	5.13
17	31	136.27	0.00	-277.27	0.00	-180.52	0.00
	32	-136.27	0.00	310.25	0.00	371.46	0.00
18	31	130.91	0.00	-277.60	0.00	-175.50	0.00
	32	-130.91	0.00	310.58	0.00	366.66	0.00
19	31	129.75	-20.52	-278.98	-2.90	-177.57	-4.80
	32	-129.75	20.52	311.97	2.90	369.63	-8.54
20	31	129.67	20.53	-278.99	2.90	-177.53	4.80
	32	-129.67	-20.53	311.98	-2.90	369.59	8.55
21	31	111.08	0.00	-227.16	0.00	-146.25	0.00
	32	-111.08	0.00	254.27	0.00	302.72	0.00
22	31	108.94	0.00	-227.29	0.00	-144.25	0.00
	32	-108.94	0.00	254.40	0.00	300.80	0.00
23	31	108.48	-8.21	-227.85	-1.16	-145.07	-1.92
	32	-108.48	8.21	254.96	1.16	301.99	-3.42
24	31	108.44	8.21	-227.85	1.16	-145.06	1.92
	32	-108.44	-8.21	254.96	-1.16	301.97	3.42
25	31	107.28	0.00	-225.18	0.00	-144.62	0.00
	32	-107.28	0.00	251.90	0.00	299.67	0.00
26	31	105.14	0.00	-225.31	0.00	-142.61	0.00
	32	-105.14	0.00	252.03	0.00	297.75	0.00
27	31	104.67	-8.21	-225.87	-1.16	-143.44	-1.92
	32	-104.67	8.21	252.58	1.16	298.93	-3.42
28	31	104.64	8.21	-225.87	1.16	-143.42	1.92
	32	-104.64	-8.21	252.59	-1.16	298.92	3.42
29	31	103.26	0.00	-211.40	0.00	-137.29	0.00
	32	-103.26	0.00	236.53	0.00	282.87	0.00

30	31	99.69	0.00	-211.62	0.00	-133.94	0.00
	32	-99.69	0.00	236.75	0.00	279.67	0.00
31	31	98.92	-13.68	-212.54	-1.93	-135.32	-3.20
	32	-98.92	13.68	237.67	1.93	281.64	-5.70
32	31	98.87	13.69	-212.55	1.93	-135.30	3.20
	32	-98.87	-13.69	237.68	-1.93	281.62	5.70
33	31	93.13	0.00	-199.17	0.00	-127.08	0.00
	32	-93.13	0.00	222.72	0.00	264.20	0.00
34	31	95.44	0.00	-204.51	0.00	-130.34	0.00
	32	-95.44	0.00	228.69	0.00	271.13	0.00
35	31	94.01	0.00	-198.95	0.00	-127.49	0.00
	32	-94.01	0.00	222.50	0.00	264.46	0.00
36	31	93.29	0.00	-199.00	0.00	-126.82	0.00
	32	-93.29	0.00	222.54	0.00	263.82	0.00
37	31	93.14	-2.74	-199.18	-0.39	-127.10	-0.64
	32	-93.14	2.74	222.72	0.39	264.22	-1.14
38	31	93.13	2.74	-199.18	0.39	-127.09	0.64
	32	-93.13	-2.74	222.73	-0.39	264.22	1.14
39	31	93.13	0.00	-199.17	0.00	-127.08	0.00
	32	-93.13	0.00	222.72	0.00	264.20	0.00
40	31	-73.20	-8.43	-40.05	0.32	-17.46	-2.70
	32	73.20	8.43	40.05	-0.32	43.50	-2.77
41	31	-73.21	8.42	-40.05	-0.32	-17.45	2.70
	32	73.21	-8.42	40.05	0.32	43.48	2.77
42	31	0.29	15.15	0.04	-11.94	-0.14	6.45
	32	-0.29	-15.15	-0.04	11.94	0.11	3.39
43	31	0.31	31.22	0.03	-14.19	-0.17	12.32
	32	-0.31	-31.22	-0.03	14.19	0.15	7.97
44	31	20.02	-3.88	-239.21	-3.26	-144.59	-0.77
	32	-20.02	3.88	262.76	3.26	307.73	-1.75
45	31	19.84	-12.97	-239.24	3.90	-144.51	-4.64
	32	-19.84	12.97	262.78	-3.90	307.66	-3.79
46	31	20.02	0.94	-239.22	-3.94	-144.60	0.99
	32	-20.02	-0.94	262.76	3.94	307.74	-0.38
47	31	19.84	-17.79	-239.23	4.58	-144.50	-6.40
	32	-19.84	17.79	262.77	-4.58	307.65	-5.16
48	31	166.42	12.97	-159.11	-3.90	-109.66	4.64
	32	-166.42	-12.97	182.66	3.90	220.73	3.79
49	31	166.25	3.88	-159.14	3.26	-109.58	0.77
	32	-166.25	-3.88	182.68	-3.26	220.67	1.75
50	31	166.43	17.79	-159.12	-4.58	-109.67	6.40
	32	-166.43	-17.79	182.66	4.58	220.75	5.16
51	31	166.24	-0.94	-159.13	3.94	-109.57	-0.99
	32	-166.24	0.94	182.68	-3.94	220.66	0.38
52	31	20.01	12.96	-239.21	-3.90	-144.58	4.64
	32	-20.01	-12.96	262.75	3.90	307.72	3.79
53	31	19.83	3.88	-239.23	3.26	-144.50	0.77
	32	-19.83	-3.88	262.78	-3.26	307.65	1.75
54	31	20.01	17.79	-239.21	-4.58	-144.59	6.40
	32	-20.01	-17.79	262.76	4.58	307.73	5.16

	55	31	19.83	-0.95	-239.23	3.94	-144.49	-1.00
		32	-19.83	0.95	262.77	-3.94	307.64	0.38
	56	31	166.43	-3.88	-159.12	-3.26	-109.67	-0.77
		32	-166.43	3.88	182.66	3.26	220.75	-1.75
	57	31	166.26	-12.96	-159.14	3.90	-109.59	-4.64
		32	-166.26	12.96	182.68	-3.90	220.68	-3.79
	58	31	166.44	0.95	-159.12	-3.94	-109.68	1.00
		32	-166.44	-0.95	182.66	3.94	220.76	-0.38
	59	31	166.25	-17.79	-159.14	4.58	-109.58	-6.40
		32	-166.25	17.79	182.68	-4.58	220.67	-5.16
	60	31	71.46	12.62	-211.15	-11.85	-132.46	5.64
		32	-71.46	-12.62	234.70	11.85	277.36	2.56
	61	31	115.38	17.67	-187.12	-12.04	-121.98	7.26
		32	-115.38	-17.67	210.67	12.04	251.26	4.23
	62	31	71.46	17.67	-211.15	-12.04	-132.45	7.26
		32	-71.46	-17.67	234.69	12.04	277.35	4.23
	63	31	115.39	12.62	-187.12	-11.85	-121.98	5.64
		32	-115.39	-12.62	210.67	11.85	251.26	2.56
	64	31	70.88	-17.67	-211.23	12.04	-132.19	-7.26
		32	-70.88	17.67	234.77	-12.04	277.14	-4.23
	65	31	114.81	-12.62	-187.20	11.85	-121.71	-5.64
		32	-114.81	12.62	210.74	-11.85	251.04	-2.56
	66	31	70.88	-12.62	-211.23	11.85	-132.18	-5.64
		32	-70.88	12.62	234.77	-11.85	277.13	-2.56
	67	31	114.81	-17.67	-187.20	12.04	-121.71	-7.26
		32	-114.81	17.67	210.74	-12.04	251.04	-4.23
	68	31	71.48	28.69	-211.16	-14.10	-132.49	11.51
		32	-71.48	-28.69	234.71	14.10	277.40	7.14
	69	31	115.41	33.75	-187.13	-14.29	-122.01	13.14
		32	-115.41	-33.75	210.68	14.29	251.30	8.80
	70	31	71.48	33.75	-211.16	-14.29	-132.49	13.14
		32	-71.48	-33.75	234.71	14.29	277.39	8.80
	71	31	115.41	28.69	-187.14	-14.10	-122.01	11.52
		32	-115.41	-28.69	210.68	14.10	251.30	7.14
	72	31	70.86	-33.75	-211.22	14.29	-132.15	-13.14
		32	-70.86	33.75	234.76	-14.29	277.10	-8.80
	73	31	114.78	-28.69	-187.19	14.10	-121.68	-11.51
		32	-114.78	28.69	210.73	-14.10	251.00	-7.14
	74	31	70.86	-28.69	-211.21	14.10	-132.15	-11.51
		32	-70.86	28.69	234.76	-14.10	277.09	-7.14
	75	31	114.79	-33.75	-187.19	14.29	-121.68	-13.13
		32	-114.79	33.75	210.73	-14.29	251.00	-8.80
45	1	32	28.69	0.00	91.69	0.00	-136.77	0.00
		33	-28.69	0.00	68.58	0.00	63.39	0.00
	2	32	41.18	0.00	38.86	0.00	-53.91	0.00
		33	-41.18	0.00	30.86	0.00	28.49	0.00
	3	32	7.92	0.00	10.80	0.00	-15.16	0.00
		33	-7.92	0.00	8.56	0.00	8.05	0.00
	4	32	8.50	0.00	17.44	0.00	-25.09	0.00

	33	-8.50	0.00	13.55	0.00	12.75	0.00
5	32	3.29	0.00	-0.90	0.00	3.09	0.00
	33	-3.29	0.00	0.90	0.00	2.61	0.00
6	32	1.92	0.00	0.83	0.00	-2.76	0.00
	33	-1.92	0.00	-0.83	0.00	-2.50	0.00
7	32	-0.01	-0.86	0.01	-0.36	-0.03	-2.42
	33	0.01	0.86	-0.01	0.36	0.00	-3.04
8	32	-0.06	0.86	0.00	0.36	-0.02	2.42
	33	0.06	-0.86	0.00	-0.36	0.00	3.04
9	32	112.04	0.00	198.20	0.00	-286.66	0.00
	33	-112.04	0.00	153.09	0.00	143.45	0.00
10	32	110.82	0.00	199.75	0.00	-291.93	0.00
	33	-110.82	0.00	151.54	0.00	138.85	0.00
11	32	109.08	-0.77	199.01	-0.32	-289.47	-2.18
	33	-109.08	0.77	152.28	0.32	141.09	-2.73
12	32	109.03	0.77	199.01	0.32	-289.46	2.18
	33	-109.03	-0.77	152.28	-0.32	141.09	2.73
13	32	106.54	0.00	195.07	0.00	-282.74	0.00
	33	-106.54	0.00	150.41	0.00	140.93	0.00
14	32	105.31	0.00	196.62	0.00	-288.00	0.00
	33	-105.31	0.00	148.85	0.00	136.33	0.00
15	32	103.57	-0.77	195.88	-0.32	-285.54	-2.18
	33	-103.57	0.77	149.59	0.32	138.58	-2.73
16	32	103.53	0.77	195.88	0.32	-285.54	2.18
	33	-103.53	-0.77	149.60	-0.32	138.58	2.73
17	32	102.13	0.00	181.45	0.00	-262.06	0.00
	33	-102.13	0.00	140.78	0.00	132.93	0.00
18	32	100.09	0.00	184.04	0.00	-270.84	0.00
	33	-100.09	0.00	138.19	0.00	125.27	0.00
19	32	97.19	-1.29	182.81	-0.54	-266.75	-3.63
	33	-97.19	1.29	139.43	0.54	129.01	-4.55
20	32	97.11	1.29	182.81	0.54	-266.73	3.63
	33	-97.11	-1.29	139.43	-0.54	129.01	4.55
21	32	84.01	0.00	149.54	0.00	-216.53	0.00
	33	-84.01	0.00	115.32	0.00	107.88	0.00
22	32	83.19	0.00	150.58	0.00	-220.04	0.00
	33	-83.19	0.00	114.28	0.00	104.82	0.00
23	32	82.03	-0.52	150.08	-0.21	-218.40	-1.45
	33	-82.03	0.52	114.78	0.21	106.31	-1.82
24	32	82.00	0.52	150.08	0.21	-218.40	1.45
	33	-82.00	-0.52	114.78	-0.21	106.31	1.82
25	32	80.34	0.00	147.45	0.00	-213.91	0.00
	33	-80.34	0.00	113.53	0.00	106.21	0.00
26	32	79.52	0.00	148.49	0.00	-217.43	0.00
	33	-79.52	0.00	112.49	0.00	103.14	0.00
27	32	78.36	-0.52	148.00	-0.21	-215.79	-1.45
	33	-78.36	0.52	112.99	0.21	104.64	-1.82
28	32	78.33	0.52	148.00	0.21	-215.78	1.45
	33	-78.33	-0.52	112.99	-0.21	104.64	1.82
29	32	77.40	0.00	138.38	0.00	-200.13	0.00

	33	-77.40	0.00	107.11	0.00	100.87	0.00
30	32	76.04	0.00	140.10	0.00	-205.99	0.00
	33	-76.04	0.00	105.39	0.00	95.76	0.00
31	32	74.11	-0.86	139.28	-0.36	-203.25	-2.42
	33	-74.11	0.86	106.21	0.36	98.26	-3.04
32	32	74.06	0.86	139.28	0.36	-203.25	2.42
	33	-74.06	-0.86	106.21	-0.36	98.26	3.04
33	32	69.86	0.00	130.56	0.00	-190.68	0.00
	33	-69.86	0.00	99.44	0.00	91.88	0.00
34	32	71.56	0.00	134.04	0.00	-195.70	0.00
	33	-71.56	0.00	102.15	0.00	94.44	0.00
35	32	70.52	0.00	130.38	0.00	-190.06	0.00
	33	-70.52	0.00	99.62	0.00	92.41	0.00
36	32	70.25	0.00	130.72	0.00	-191.23	0.00
	33	-70.25	0.00	99.27	0.00	91.39	0.00
37	32	69.86	-0.17	130.56	-0.07	-190.68	-0.48
	33	-69.86	0.17	99.44	0.07	91.88	-0.61
38	32	69.85	0.17	130.56	0.07	-190.68	0.48
	33	-69.85	-0.17	99.44	-0.07	91.88	0.61
39	32	69.86	0.00	130.56	0.00	-190.68	0.00
	33	-69.86	0.00	99.44	0.00	91.88	0.00
40	32	-22.94	-2.09	-16.79	0.02	54.48	-6.60
	33	22.94	2.09	16.79	-0.02	52.12	-6.64
41	32	-22.95	2.09	-16.79	-0.02	54.48	6.60
	33	22.95	-2.09	16.79	0.02	52.11	6.64
42	32	0.26	0.04	0.01	-1.78	-0.04	-0.22
	33	-0.26	-0.04	-0.01	1.78	-0.02	0.49
43	32	0.27	3.43	0.01	-1.75	-0.04	10.48
	33	-0.27	-3.43	-0.01	1.75	-0.01	11.33
44	32	47.00	-2.07	113.77	-0.52	-136.21	-6.67
	33	-47.00	2.07	116.22	0.52	144.00	-6.50
45	32	46.84	-2.10	113.77	0.55	-136.19	-6.54
	33	-46.84	2.10	116.23	-0.55	144.01	-6.79
46	32	47.00	-1.06	113.77	-0.51	-136.21	-3.46
	33	-47.00	1.06	116.23	0.51	144.00	-3.24
47	32	46.84	-3.12	113.77	0.54	-136.19	-9.75
	33	-46.84	3.12	116.23	-0.54	144.00	-10.04
48	32	92.88	2.10	147.35	-0.55	-245.17	6.54
	33	-92.88	-2.10	82.65	0.55	39.76	6.79
49	32	92.73	2.07	147.34	0.52	-245.15	6.67
	33	-92.73	-2.07	82.66	-0.52	39.77	6.50
50	32	92.89	3.12	147.35	-0.54	-245.17	9.74
	33	-92.89	-3.12	82.65	0.54	39.77	10.04
51	32	92.73	1.06	147.34	0.51	-245.15	3.46
	33	-92.73	-1.06	82.66	-0.51	39.77	3.24
52	32	47.00	2.10	113.77	-0.55	-136.21	6.53
	33	-47.00	-2.10	116.22	0.55	143.99	6.79
53	32	46.84	2.07	113.77	0.52	-136.19	6.67
	33	-46.84	-2.07	116.23	-0.52	144.00	6.50
54	32	47.00	3.12	113.77	-0.54	-136.21	9.74

		33	-47.00	-3.12	116.22	0.54	144.00	10.04
55		32	46.84	1.06	113.77	0.51	-136.19	3.46
		33	-46.84	-1.06	116.23	-0.51	144.00	3.24
56		32	92.89	-2.07	147.35	-0.52	-245.17	-6.67
		33	-92.89	2.07	82.65	0.52	39.77	-6.50
57		32	92.73	-2.10	147.34	0.55	-245.14	-6.53
		33	-92.73	2.10	82.66	-0.55	39.78	-6.79
58		32	92.89	-1.06	147.34	-0.51	-245.17	-3.46
		33	-92.89	1.06	82.65	0.51	39.77	-3.24
59		32	92.73	-3.12	147.34	0.54	-245.14	-9.74
		33	-92.73	3.12	82.66	-0.54	39.77	-10.04
60		32	63.24	-0.58	125.53	-1.77	-174.37	-2.20
		33	-63.24	0.58	104.47	1.77	107.50	-1.51
61		32	77.00	0.67	135.60	-1.78	-207.06	1.76
		33	-77.00	-0.67	94.40	1.78	76.23	2.48
62		32	63.24	0.67	125.53	-1.78	-174.37	1.76
		33	-63.24	-0.67	104.47	1.78	107.50	2.48
63		32	77.01	-0.58	135.60	-1.77	-207.06	-2.20
		33	-77.01	0.58	94.40	1.77	76.23	-1.51
64		32	62.72	-0.67	125.51	1.78	-174.29	-1.76
		33	-62.72	0.67	104.49	-1.78	107.54	-2.48
65		32	76.49	0.58	135.58	1.77	-206.98	2.20
		33	-76.49	-0.58	94.41	-1.77	76.27	1.51
66		32	62.72	0.58	125.51	1.77	-174.29	2.20
		33	-62.72	-0.58	104.49	-1.77	107.54	1.51
67		32	76.49	-0.67	135.58	1.78	-206.98	-1.76
		33	-76.49	0.67	94.41	-1.78	76.27	-2.48
68		32	63.25	2.81	125.53	-1.74	-174.37	8.50
		33	-63.25	-2.81	104.47	1.74	107.51	9.34
69		32	77.01	4.06	135.60	-1.75	-207.06	12.46
		33	-77.01	-4.06	94.40	1.75	76.24	13.32
70		32	63.25	4.06	125.53	-1.75	-174.37	12.46
		33	-63.25	-4.06	104.47	1.75	107.51	13.32
71		32	77.01	2.81	135.60	-1.74	-207.06	8.50
		33	-77.01	-2.81	94.40	1.74	76.24	9.34
72		32	62.72	-4.06	125.51	1.75	-174.29	-12.46
		33	-62.72	4.06	104.48	-1.75	107.53	-13.32
73		32	76.48	-2.81	135.59	1.74	-206.98	-8.50
		33	-76.48	2.81	94.41	-1.74	76.26	-9.34
74		32	62.71	-2.81	125.51	1.74	-174.29	-8.50
		33	-62.71	2.81	104.48	-1.74	107.53	-9.34
75		32	76.48	-4.06	135.59	1.75	-206.98	-12.46
		33	-76.48	4.06	94.41	-1.75	76.26	-13.32
46	1	33	28.69	0.00	68.58	0.00	-63.39	0.00
		34	-28.69	0.00	91.69	0.00	136.78	0.00
	2	33	41.17	0.00	30.86	0.00	-28.48	0.00
		34	-41.17	0.00	38.87	0.00	53.92	0.00
	3	33	7.92	0.00	8.56	0.00	-8.05	0.00
		34	-7.92	0.00	10.80	0.00	15.16	0.00

4	33	8.50	0.00	13.55	0.00	-12.75	0.00
	34	-8.50	0.00	17.44	0.00	25.09	0.00
5	33	1.97	0.00	-0.83	0.00	2.50	0.00
	34	-1.97	0.00	0.83	0.00	2.75	0.00
6	33	3.24	0.00	0.90	0.00	-2.61	0.00
	34	-3.24	0.00	-0.90	0.00	-3.08	0.00
7	33	-0.01	0.86	-0.01	0.36	0.00	3.05
	34	0.01	-0.86	0.01	-0.36	0.03	2.43
8	33	-0.06	-0.86	0.00	-0.36	0.00	-3.05
	34	0.06	0.86	0.00	0.36	0.02	-2.43
9	33	110.85	0.00	151.53	0.00	-138.82	0.00
	34	-110.85	0.00	199.76	0.00	291.95	0.00
10	33	111.99	0.00	153.08	0.00	-143.42	0.00
	34	-111.99	0.00	198.21	0.00	286.70	0.00
11	33	109.07	0.78	152.27	0.32	-141.07	2.74
	34	-109.07	-0.78	199.02	-0.32	289.50	2.19
12	33	109.03	-0.78	152.27	-0.32	-141.07	-2.75
	34	-109.03	0.78	199.02	0.32	289.49	-2.19
13	33	105.34	0.00	148.85	0.00	-136.31	0.00
	34	-105.34	0.00	196.63	0.00	288.02	0.00
14	33	106.49	0.00	150.40	0.00	-140.91	0.00
	34	-106.49	0.00	195.08	0.00	282.78	0.00
15	33	103.57	0.78	149.59	0.32	-138.55	2.74
	34	-103.57	-0.78	195.89	-0.32	285.57	2.19
16	33	103.52	-0.78	149.59	-0.32	-138.55	-2.75
	34	-103.52	0.78	195.89	0.32	285.57	-2.19
17	33	100.15	0.00	138.19	0.00	-125.24	0.00
	34	-100.15	0.00	184.05	0.00	270.85	0.00
18	33	102.06	0.00	140.77	0.00	-132.91	0.00
	34	-102.06	0.00	181.47	0.00	262.11	0.00
19	33	97.18	1.30	139.42	0.54	-128.99	4.58
	34	-97.18	-1.30	182.82	-0.54	266.77	3.65
20	33	97.11	-1.30	139.42	-0.54	-128.99	-4.58
	34	-97.11	1.30	182.82	0.54	266.76	-3.65
21	33	83.21	0.00	114.28	0.00	-104.80	0.00
	34	-83.21	0.00	150.58	0.00	220.06	0.00
22	33	83.98	0.00	115.31	0.00	-107.86	0.00
	34	-83.98	0.00	149.55	0.00	216.56	0.00
23	33	82.03	0.52	114.77	0.21	-106.29	1.83
	34	-82.03	-0.52	150.09	-0.21	218.43	1.46
24	33	82.00	-0.52	114.77	-0.21	-106.29	-1.83
	34	-82.00	0.52	150.09	0.21	218.42	-1.46
25	33	79.54	0.00	112.49	0.00	-103.12	0.00
	34	-79.54	0.00	148.50	0.00	217.44	0.00
26	33	80.31	0.00	113.52	0.00	-106.19	0.00
	34	-80.31	0.00	147.46	0.00	213.94	0.00
27	33	78.36	0.52	112.98	0.21	-104.62	1.83
	34	-78.36	-0.52	148.00	-0.21	215.81	1.46
28	33	78.33	-0.52	112.98	-0.21	-104.62	-1.83
	34	-78.33	0.52	148.00	0.21	215.80	-1.46

29	33	76.08	0.00	105.38	0.00	-95.75	0.00
	34	-76.08	0.00	140.11	0.00	205.99	0.00
30	33	77.35	0.00	107.11	0.00	-100.86	0.00
	34	-77.35	0.00	138.39	0.00	200.17	0.00
31	33	74.10	0.86	106.20	0.36	-98.24	3.05
	34	-74.10	-0.86	139.29	-0.36	203.27	2.43
32	33	74.05	-0.86	106.21	-0.36	-98.24	-3.05
	34	-74.05	0.86	139.28	0.36	203.27	-2.43
33	33	69.86	0.00	99.44	0.00	-91.87	0.00
	34	-69.86	0.00	130.56	0.00	190.70	0.00
34	33	71.56	0.00	102.15	0.00	-94.42	0.00
	34	-71.56	0.00	134.05	0.00	195.71	0.00
35	33	70.25	0.00	99.27	0.00	-91.37	0.00
	34	-70.25	0.00	130.73	0.00	191.25	0.00
36	33	70.51	0.00	99.61	0.00	-92.39	0.00
	34	-70.51	0.00	130.38	0.00	190.08	0.00
37	33	69.86	0.17	99.43	0.07	-91.87	0.61
	34	-69.86	-0.17	130.56	-0.07	190.70	0.49
38	33	69.85	-0.17	99.43	-0.07	-91.87	-0.61
	34	-69.85	0.17	130.56	0.07	190.70	-0.49
39	33	69.86	0.00	99.44	0.00	-91.87	0.00
	34	-69.86	0.00	130.56	0.00	190.70	0.00
40	33	23.92	-2.08	-16.75	0.01	52.14	-6.63
	34	-23.92	2.08	16.75	-0.01	54.20	-6.59
41	33	23.92	2.08	-16.75	-0.01	52.13	6.63
	34	-23.92	-2.08	16.75	0.01	54.20	6.59
42	33	0.27	-3.40	0.00	1.75	0.00	-11.22
	34	-0.27	3.40	0.00	-1.75	0.03	-10.37
43	33	0.26	-0.01	-0.01	1.78	0.01	-0.37
	34	-0.26	0.01	0.01	-1.78	0.03	0.34
44	33	93.86	-3.10	82.69	0.54	-39.73	-10.00
	34	-93.86	3.10	147.31	-0.54	244.91	-9.70
45	33	93.70	-1.06	82.69	-0.51	-39.73	-3.27
	34	-93.70	1.06	147.31	0.51	244.89	-3.48
46	33	93.86	-2.08	82.69	0.55	-39.73	-6.74
	34	-93.86	2.08	147.31	-0.55	244.91	-6.49
47	33	93.70	-2.08	82.69	-0.52	-39.73	-6.52
	34	-93.70	2.08	147.31	0.52	244.89	-6.69
48	33	46.02	1.06	116.18	0.51	-144.01	3.27
	34	-46.02	-1.06	113.82	-0.51	136.50	3.48
49	33	45.86	3.10	116.18	-0.54	-144.01	10.00
	34	-45.86	-3.10	113.81	0.54	136.49	9.70
50	33	46.02	2.08	116.18	0.52	-144.00	6.52
	34	-46.02	-2.08	113.82	-0.52	136.50	6.69
51	33	45.86	2.08	116.18	-0.55	-144.01	6.74
	34	-45.86	-2.08	113.81	0.55	136.48	6.49
52	33	93.86	1.06	82.69	0.51	-39.74	3.27
	34	-93.86	-1.06	147.31	-0.51	244.90	3.48
53	33	93.70	3.10	82.69	-0.54	-39.73	10.00
	34	-93.70	-3.10	147.31	0.54	244.89	9.70

54	33	93.86	2.08	82.69	0.52	-39.73	6.52	
	34	-93.86	-2.08	147.31	-0.52	244.90	6.69	
55	33	93.70	2.08	82.69	-0.55	-39.74	6.74	
	34	-93.70	-2.08	147.31	0.55	244.89	6.49	
56	33	46.02	-3.10	116.18	0.54	-144.00	-10.00	
	34	-46.02	3.10	113.82	-0.54	136.51	-9.70	
57	33	45.86	-1.06	116.18	-0.51	-144.00	-3.27	
	34	-45.86	1.06	113.82	0.51	136.49	-3.48	
58	33	46.02	-2.08	116.18	0.55	-144.00	-6.74	
	34	-46.02	2.08	113.82	-0.55	136.51	-6.49	
59	33	45.86	-2.08	116.18	-0.52	-144.00	-6.52	
	34	-45.86	2.08	113.81	0.52	136.49	-6.69	
60	33	77.30	-4.03	94.41	1.75	-76.23	-13.21	
	34	-77.30	4.03	135.59	-1.75	206.99	-12.35	
61	33	62.95	-2.78	104.45	1.75	-107.51	-9.23	
	34	-62.95	2.78	125.54	-1.75	174.47	-8.40	
62	33	77.30	-2.78	94.41	1.75	-76.23	-9.23	
	34	-77.30	2.78	135.59	-1.75	206.99	-8.40	
63	33	62.95	-4.03	104.45	1.75	-107.51	-13.21	
	34	-62.95	4.03	125.54	-1.75	174.47	-12.35	
64	33	76.77	2.78	94.42	-1.75	-76.22	9.23	
	34	-76.77	-2.78	135.58	1.75	206.93	8.40	
65	33	62.42	4.03	104.46	-1.75	-107.51	13.21	
	34	-62.42	-4.03	125.53	1.75	174.41	12.35	
66	33	76.77	4.03	94.42	-1.75	-76.23	13.21	
	34	-76.77	-4.03	135.58	1.75	206.93	12.35	
67	33	62.42	2.78	104.46	-1.75	-107.51	9.23	
	34	-62.42	-2.78	125.53	1.75	174.41	8.40	
68	33	77.30	-0.63	94.40	1.78	-76.22	-2.36	
	34	-77.30	0.63	135.59	-1.78	206.99	-1.64	
69	33	62.95	0.62	104.45	1.77	-107.50	1.62	
	34	-62.95	-0.62	125.54	-1.77	174.47	2.31	
70	33	77.30	0.62	94.41	1.77	-76.22	1.62	
	34	-77.30	-0.62	135.59	-1.77	206.99	2.31	
71	33	62.95	-0.63	104.45	1.78	-107.50	-2.36	
	34	-62.95	0.63	125.54	-1.78	174.47	-1.64	
72	33	76.77	-0.62	94.42	-1.77	-76.24	-1.62	
	34	-76.77	0.62	135.58	1.77	206.92	-2.31	
73	33	62.42	0.63	104.47	-1.78	-107.52	2.36	
	34	-62.42	-0.63	125.53	1.78	174.40	1.64	
74	33	76.77	0.63	94.42	-1.78	-76.24	2.36	
	34	-76.77	-0.63	135.58	1.78	206.92	1.64	
75	33	62.42	-0.62	104.47	-1.77	-107.52	-1.62	
	34	-62.42	0.62	125.53	1.77	174.40	-2.31	
47	1	34	46.68	0.00	165.31	0.00	-193.63	0.00
		35	-46.68	0.00	-148.90	0.00	91.51	0.00
	2	34	46.45	0.00	57.41	0.00	-70.55	0.00
		35	-46.45	0.00	-50.27	0.00	35.56	0.00
	3	34	9.56	0.00	17.30	0.00	-20.38	0.00

	35	-9.56	0.00	-15.31	0.00	9.79	0.00
4	34	11.52	0.00	29.84	0.00	-34.67	0.00
	35	-11.52	0.00	-26.67	0.00	16.30	0.00
5	34	0.84	0.00	-0.89	0.00	1.85	0.00
	35	-0.84	0.00	0.89	0.00	-1.27	0.00
6	34	4.32	0.00	-1.10	0.00	-1.32	0.00
	35	-4.32	0.00	1.10	0.00	2.04	0.00
7	34	0.03	13.70	0.03	1.93	-0.11	5.70
	35	-0.03	-13.70	-0.03	-1.93	0.09	3.20
8	34	-0.03	-13.70	0.04	-1.93	-0.09	-5.70
	35	0.03	13.70	-0.04	1.93	0.06	-3.20
9	34	144.80	0.00	337.06	0.00	-398.35	0.00
	35	-144.80	0.00	-301.10	0.00	190.95	0.00
10	34	147.94	-0.01	336.87	0.00	-401.21	0.00
	35	-147.94	0.01	-300.91	0.00	193.93	0.00
11	34	144.07	12.33	337.89	1.74	-400.12	5.13
	35	-144.07	-12.33	-301.93	-1.74	192.18	2.88
12	34	144.02	-12.34	337.90	-1.74	-400.10	-5.13
	35	-144.02	12.34	-301.94	1.74	192.15	-2.89
13	34	139.10	0.00	333.50	0.00	-393.78	0.00
	35	-139.10	0.00	-298.13	0.00	188.50	0.00
14	34	142.23	-0.01	333.31	0.00	-396.63	0.00
	35	-142.23	0.01	-297.95	0.00	191.48	0.00
15	34	138.36	12.33	334.33	1.74	-395.54	5.13
	35	-138.36	-12.33	-298.97	-1.74	189.72	2.88
16	34	138.31	-12.34	334.34	-1.74	-395.52	-5.13
	35	-138.31	12.34	-298.97	1.74	189.70	-2.89
17	34	130.96	0.00	310.58	0.00	-366.66	0.00
	35	-130.96	0.00	-277.59	0.00	175.51	0.00
18	34	136.18	0.00	310.27	0.00	-371.43	0.00
	35	-136.18	0.00	-277.28	0.00	180.47	0.00
19	34	129.74	20.55	311.97	2.90	-369.61	8.55
	35	-129.74	-20.55	-278.98	-2.90	177.55	4.81
20	34	129.65	-20.56	311.98	-2.90	-369.58	-8.55
	35	-129.65	20.56	-278.99	2.90	177.51	-4.81
21	34	108.95	0.00	254.40	0.00	-300.79	0.00
	35	-108.95	0.00	-227.29	0.00	144.24	0.00
22	34	111.04	0.00	254.28	0.00	-302.70	0.00
	35	-111.04	0.00	-227.17	0.00	146.23	0.00
23	34	108.46	8.22	254.96	1.16	-301.97	3.42
	35	-108.46	-8.22	-227.85	-1.16	145.06	1.92
24	34	108.43	-8.22	254.96	-1.16	-301.96	-3.42
	35	-108.43	8.22	-227.85	1.16	145.04	-1.92
25	34	105.15	0.00	252.03	0.00	-297.74	0.00
	35	-105.15	0.00	-225.31	0.00	142.61	0.00
26	34	107.24	0.00	251.90	0.00	-299.65	0.00
	35	-107.24	0.00	-225.19	0.00	144.59	0.00
27	34	104.66	8.22	252.58	1.16	-298.92	3.42
	35	-104.66	-8.22	-225.87	-1.16	143.42	1.92
28	34	104.63	-8.22	252.59	-1.16	-298.91	-3.42

	35	-104.63	8.22	-225.87	1.16	143.41	-1.92
29	34	99.72	0.00	236.75	0.00	-279.67	0.00
	35	-99.72	0.00	-211.62	0.00	133.95	0.00
30	34	103.21	0.00	236.54	0.00	-282.84	0.00
	35	-103.21	0.00	-211.41	0.00	137.26	0.00
31	34	98.91	13.70	237.67	1.93	-281.63	5.70
	35	-98.91	-13.70	-212.55	-1.93	135.31	3.20
32	34	98.85	-13.70	237.68	-1.93	-281.61	-5.70
	35	-98.85	13.70	-212.55	1.93	135.28	-3.21
33	34	93.12	0.00	222.72	0.00	-264.19	0.00
	35	-93.12	0.00	-199.18	0.00	127.07	0.00
34	34	95.43	0.00	228.69	0.00	-271.12	0.00
	35	-95.43	0.00	-204.51	0.00	130.33	0.00
35	34	93.29	0.00	222.54	0.00	-263.81	0.00
	35	-93.29	0.00	-199.00	0.00	126.82	0.00
36	34	93.99	0.00	222.50	0.00	-264.45	0.00
	35	-93.99	0.00	-198.96	0.00	127.48	0.00
37	34	93.13	2.74	222.73	0.39	-264.21	1.14
	35	-93.13	-2.74	-199.18	-0.39	127.09	0.64
38	34	93.11	-2.74	222.73	-0.39	-264.20	-1.14
	35	-93.11	2.74	-199.18	0.39	127.08	-0.64
39	34	93.12	0.00	222.72	0.00	-264.19	0.00
	35	-93.12	0.00	-199.18	0.00	127.07	0.00
40	34	74.13	-8.37	-40.19	0.32	43.21	-2.76
	35	-74.13	8.37	40.19	-0.32	-17.08	-2.68
41	34	74.13	8.41	-40.19	-0.32	43.19	2.77
	35	-74.13	-8.41	40.19	0.32	-17.07	2.70
42	34	0.32	-31.11	-0.02	14.20	-0.16	-7.93
	35	-0.32	31.11	0.02	-14.20	0.17	-12.29
43	34	0.29	-14.99	-0.04	11.94	-0.12	-3.35
	35	-0.29	14.99	0.04	-11.94	0.14	-6.40
44	34	167.34	-17.70	182.52	4.57	-221.02	-5.14
	35	-167.34	17.70	-158.98	-4.57	110.04	-6.37
45	34	167.15	0.96	182.53	-3.94	-220.93	-0.38
	35	-167.15	-0.96	-158.99	3.94	109.93	1.01
46	34	167.34	-12.87	182.52	3.90	-221.01	-3.76
	35	-167.34	12.87	-158.97	-3.90	110.03	-4.60
47	34	167.16	-3.87	182.54	-3.27	-220.94	-1.76
	35	-167.16	3.87	-159.00	3.27	109.94	-0.76
48	34	19.09	-0.96	262.90	3.94	-307.44	0.38
	35	-19.09	0.96	-239.36	-3.94	144.21	-1.01
49	34	18.90	17.70	262.92	-4.57	-307.35	5.14
	35	-18.90	-17.70	-239.38	4.57	144.10	6.37
50	34	19.08	3.87	262.90	3.27	-307.43	1.76
	35	-19.08	-3.87	-239.36	-3.27	144.20	0.76
51	34	18.90	12.87	262.92	-3.90	-307.36	3.76
	35	-18.90	-12.87	-239.38	3.90	144.11	4.60
52	34	167.35	-0.93	182.52	3.94	-221.04	0.39
	35	-167.35	0.93	-158.98	-3.94	110.05	-0.99
53	34	167.16	17.74	182.54	-4.58	-220.94	5.15

		35	-167.16	-17.74	-159.00	4.58	109.94	6.38
54		34	167.34	3.91	182.52	3.26	-221.03	1.76
		35	-167.34	-3.91	-158.98	-3.26	110.04	0.78
55		34	167.17	12.90	182.54	-3.90	-220.96	3.77
		35	-167.17	-12.90	-159.00	3.90	109.95	4.61
56		34	19.08	-17.74	262.90	4.58	-307.43	-5.15
		35	-19.08	17.74	-239.36	-4.58	144.19	-6.38
57		34	18.89	0.92	262.91	-3.94	-307.33	-0.39
		35	-18.89	-0.92	-239.37	3.94	144.09	0.99
58		34	19.08	-12.90	262.90	3.90	-307.41	-3.77
		35	-19.08	12.90	-239.35	-3.90	144.18	-4.61
59		34	18.90	-3.91	262.92	-3.26	-307.35	-1.76
		35	-18.90	3.91	-239.38	3.26	144.10	-0.78
60		34	115.67	-33.62	210.64	14.29	-251.38	-8.76
		35	-115.67	33.62	-187.09	-14.29	122.12	-13.09
61		34	71.20	-28.59	234.75	14.10	-277.31	-7.10
		35	-71.20	28.59	-211.21	-14.10	132.37	-11.48
62		34	115.68	-28.58	210.64	14.10	-251.38	-7.10
		35	-115.68	28.58	-187.10	-14.10	122.12	-11.48
63		34	71.20	-33.63	234.75	14.29	-277.30	-8.76
		35	-71.20	33.63	-211.21	-14.29	132.37	-13.10
64		34	115.04	28.59	210.69	-14.10	-251.06	7.10
		35	-115.04	-28.59	-187.14	14.10	121.77	11.48
65		34	70.57	33.62	234.80	-14.29	-276.99	8.76
		35	-70.57	-33.62	-211.26	14.29	132.02	13.09
66		34	115.05	33.63	210.69	-14.29	-251.07	8.76
		35	-115.05	-33.63	-187.14	14.29	121.77	13.10
67		34	70.57	28.58	234.80	-14.10	-276.99	7.10
		35	-70.57	-28.58	-211.26	14.10	132.02	11.48
68		34	115.65	-17.50	210.62	12.03	-251.34	-4.18
		35	-115.65	17.50	-187.08	-12.03	122.08	-7.20
69		34	71.18	-12.48	234.74	11.84	-277.26	-2.52
		35	-71.18	12.48	-211.20	-11.84	132.34	-5.59
70		34	115.66	-12.47	210.62	11.84	-251.34	-2.52
		35	-115.66	12.47	-187.08	-11.84	122.09	-5.59
71		34	71.18	-17.51	234.74	12.03	-277.26	-4.18
		35	-71.18	17.51	-211.19	-12.03	132.33	-7.21
72		34	115.07	12.48	210.70	-11.84	-251.11	2.52
		35	-115.07	-12.48	-187.16	11.84	121.80	5.59
73		34	70.59	17.50	234.81	-12.03	-277.03	4.18
		35	-70.59	-17.50	-211.27	12.03	132.05	7.20
74		34	115.07	17.51	210.70	-12.03	-251.11	4.18
		35	-115.07	-17.51	-187.16	12.03	121.81	7.20
75		34	70.59	12.47	234.81	-11.84	-277.03	2.52
		35	-70.59	-12.47	-211.27	11.84	132.05	5.59
48	1	35	3.01	0.00	16.68	0.00	-7.93	0.00
		25	-19.08	0.00	20.58	0.00	20.14	0.00
	2	35	2.98	0.00	5.16	0.00	-1.42	0.00
		25	-8.34	0.00	7.26	0.00	8.01	0.00

3	35	0.55	0.00	1.47	0.00	-0.50	0.00
	25	-2.04	0.00	1.98	0.00	2.08	0.00
4	35	0.70	0.00	2.38	0.00	-0.79	0.00
	25	-3.08	0.00	3.14	0.00	3.19	0.00
5	35	-5.52	0.00	-0.25	0.00	0.62	0.00
	25	5.52	0.00	0.25	0.00	0.97	0.00
6	35	12.08	0.00	0.32	0.00	-0.81	0.00
	25	-12.08	0.00	-0.32	0.00	-1.17	0.00
7	35	-0.05	-0.14	0.01	0.54	-0.01	-0.21
	25	0.05	0.14	-0.01	-0.54	-0.02	-0.69
8	35	-0.04	0.14	0.00	-0.54	-0.01	0.21
	25	0.04	-0.14	0.00	0.54	-0.02	0.69
9	35	4.17	0.00	32.15	0.00	-12.94	0.00
	25	-36.04	0.00	41.75	0.00	42.98	0.00
10	35	20.01	0.00	32.67	0.00	-14.22	0.00
	25	-51.89	0.00	41.23	0.00	41.05	0.00
11	35	9.10	-0.13	32.38	0.49	-13.50	-0.19
	25	-40.97	0.13	41.51	-0.49	42.09	-0.62
12	35	9.11	0.13	32.38	-0.49	-13.50	0.19
	25	-40.98	-0.13	41.52	0.49	42.09	0.62
13	35	3.86	0.00	31.72	0.00	-12.77	0.00
	25	-35.29	0.00	41.14	0.00	42.25	0.00
14	35	19.70	0.00	32.24	0.00	-14.06	0.00
	25	-51.13	0.00	40.63	0.00	40.32	0.00
15	35	8.79	-0.13	31.96	0.49	-13.34	-0.19
	25	-40.22	0.13	40.91	-0.49	41.36	-0.62
16	35	8.80	0.13	31.96	-0.49	-13.34	0.19
	25	-40.22	-0.13	40.91	0.49	41.36	0.62
17	35	0.03	0.00	29.79	0.00	-11.82	0.00
	25	-29.67	0.00	38.93	0.00	40.44	0.00
18	35	26.43	0.00	30.65	0.00	-13.96	0.00
	25	-56.07	0.00	38.08	0.00	37.22	0.00
19	35	8.24	-0.21	30.18	0.81	-12.76	-0.31
	25	-37.88	0.21	38.55	-0.81	38.95	-1.03
20	35	8.25	0.21	30.18	-0.81	-12.75	0.31
	25	-37.89	-0.21	38.55	0.81	38.96	1.03
21	35	3.58	0.00	24.35	0.00	-9.87	0.00
	25	-27.69	0.00	31.54	0.00	32.41	0.00
22	35	14.14	0.00	24.69	0.00	-10.73	0.00
	25	-38.25	0.00	31.20	0.00	31.12	0.00
23	35	6.86	-0.09	24.50	0.32	-10.25	-0.12
	25	-30.97	0.09	31.39	-0.32	31.81	-0.41
24	35	6.87	0.09	24.50	-0.32	-10.25	0.13
	25	-30.98	-0.09	31.39	0.32	31.81	0.41
25	35	3.37	0.00	24.06	0.00	-9.76	0.00
	25	-27.18	0.00	31.14	0.00	31.92	0.00
26	35	13.93	0.00	24.40	0.00	-10.62	0.00
	25	-37.74	0.00	30.80	0.00	30.63	0.00
27	35	6.66	-0.09	24.22	0.32	-10.14	-0.12
	25	-30.47	0.09	30.98	-0.32	31.33	-0.41

28	35	6.66	0.09	24.22	-0.32	-10.14	0.13
	25	-30.47	-0.09	30.98	0.32	31.33	0.41
29	35	0.82	0.00	22.77	0.00	-9.12	0.00
	25	-23.44	0.00	29.67	0.00	30.71	0.00
30	35	18.42	0.00	23.34	0.00	-10.55	0.00
	25	-41.04	0.00	29.10	0.00	28.57	0.00
31	35	6.29	-0.14	23.03	0.54	-9.75	-0.21
	25	-28.91	0.14	29.41	-0.54	29.72	-0.69
32	35	6.30	0.14	23.03	-0.54	-9.75	0.21
	25	-28.92	-0.14	29.41	0.54	29.73	0.69
33	35	5.99	0.00	21.84	0.00	-9.34	0.00
	25	-27.42	0.00	27.84	0.00	28.15	0.00
34	35	6.13	0.00	22.31	0.00	-9.50	0.00
	25	-28.03	0.00	28.47	0.00	28.79	0.00
35	35	4.89	0.00	21.79	0.00	-9.22	0.00
	25	-26.31	0.00	27.89	0.00	28.34	0.00
36	35	8.41	0.00	21.90	0.00	-9.51	0.00
	25	-29.83	0.00	27.78	0.00	27.91	0.00
37	35	5.98	-0.03	21.84	0.11	-9.35	-0.04
	25	-27.41	0.03	27.84	-0.11	28.14	-0.14
38	35	5.98	0.03	21.84	-0.11	-9.35	0.04
	25	-27.41	-0.03	27.84	0.11	28.14	0.14
39	35	5.99	0.00	21.84	0.00	-9.34	0.00
	25	-27.42	0.00	27.84	0.00	28.15	0.00
40	35	5.37	0.30	-4.39	-0.13	9.96	1.16
	25	-5.37	-0.30	4.39	0.13	17.54	0.71
41	35	5.36	-0.29	-4.39	0.13	9.96	-1.14
	25	-5.36	0.29	4.39	-0.13	17.54	-0.67
42	35	-0.05	1.22	0.01	4.59	-0.01	17.34
	25	0.05	-1.22	-0.01	-4.59	-0.02	-9.67
43	35	-0.04	0.67	0.00	3.80	-0.01	12.21
	25	0.04	-0.67	0.00	-3.80	-0.02	-7.99
44	35	11.35	0.66	17.45	1.24	0.61	6.36
	25	-32.77	-0.66	32.23	-1.24	45.68	-2.20
45	35	11.38	-0.07	17.44	-1.51	0.62	-4.04
	25	-32.81	0.07	32.24	1.51	45.70	3.61
46	35	11.35	0.50	17.45	1.01	0.62	4.82
	25	-32.78	-0.50	32.23	-1.01	45.69	-1.69
47	35	11.38	0.10	17.44	-1.27	0.62	-2.50
	25	-32.80	-0.10	32.24	1.27	45.70	3.10
48	35	0.60	0.07	26.23	1.51	-19.31	4.04
	25	-22.03	-0.07	23.45	-1.51	10.60	-3.61
49	35	0.64	-0.67	26.23	-1.24	-19.30	-6.36
	25	-22.06	0.67	23.45	1.24	10.61	2.19
50	35	0.61	-0.10	26.23	1.27	-19.31	2.50
	25	-22.03	0.10	23.45	-1.27	10.60	-3.10
51	35	0.63	-0.50	26.23	-1.01	-19.31	-4.82
	25	-22.06	0.50	23.45	1.01	10.61	1.69
52	35	11.34	0.08	17.45	1.51	0.61	4.06
	25	-32.77	-0.08	32.23	-1.51	45.68	-3.57

	53	35	11.37	-0.66	17.44	-1.24	0.62	-6.34
		25	-32.80	0.66	32.24	1.24	45.69	2.23
	54	35	11.34	-0.09	17.45	1.27	0.61	2.52
		25	-32.77	0.09	32.23	-1.27	45.68	-3.07
	55	35	11.37	-0.49	17.44	-1.01	0.62	-4.80
		25	-32.79	0.49	32.24	1.01	45.69	1.72
	56	35	0.61	0.66	26.23	1.24	-19.31	6.34
		25	-22.04	-0.66	23.45	-1.24	10.60	-2.23
	57	35	0.65	-0.08	26.23	-1.51	-19.30	-4.06
		25	-22.07	0.08	23.45	1.51	10.62	3.57
	58	35	0.62	0.49	26.23	1.01	-19.31	4.80
		25	-22.04	-0.49	23.45	-1.01	10.60	-1.73
	59	35	0.64	0.09	26.23	-1.27	-19.30	-2.52
		25	-22.07	-0.09	23.45	1.27	10.61	3.07
	60	35	7.55	1.31	20.53	4.55	-6.37	17.69
		25	-28.98	-1.31	29.15	-4.55	33.39	-9.46
	61	35	4.33	1.14	23.16	4.63	-12.35	16.99
		25	-25.75	-1.14	26.52	-4.63	22.86	-9.88
	62	35	7.55	1.14	20.53	4.63	-6.37	17.00
		25	-28.97	-1.14	29.15	-4.63	33.39	-9.87
	63	35	4.33	1.31	23.16	4.55	-12.35	17.68
		25	-25.76	-1.31	26.52	-4.55	22.86	-9.47
	64	35	7.66	-1.14	20.51	-4.63	-6.34	-16.99
		25	-29.08	1.14	29.17	4.63	33.43	9.88
	65	35	4.43	-1.31	23.15	-4.55	-12.32	-17.69
		25	-25.86	1.31	26.53	4.55	22.91	9.46
	66	35	7.65	-1.31	20.51	-4.55	-6.34	-17.68
		25	-29.08	1.31	29.17	4.55	33.43	9.47
	67	35	4.44	-1.14	23.15	-4.63	-12.32	-17.00
		25	-25.86	1.14	26.53	4.63	22.91	9.87
	68	35	7.56	0.76	20.52	3.76	-6.37	12.55
		25	-28.99	-0.76	29.16	-3.76	33.39	-7.78
	69	35	4.34	0.58	23.16	3.84	-12.34	11.86
		25	-25.77	-0.58	26.52	-3.84	22.87	-8.20
	70	35	7.56	0.59	20.52	3.84	-6.37	11.86
		25	-28.99	-0.59	29.16	-3.84	33.39	-8.19
	71	35	4.34	0.76	23.16	3.76	-12.34	12.55
		25	-25.77	-0.76	26.52	-3.76	22.87	-7.79
	72	35	7.64	-0.58	20.52	-3.84	-6.35	-11.86
		25	-29.07	0.58	29.16	3.84	33.43	8.20
	73	35	4.42	-0.76	23.15	-3.76	-12.32	-12.55
		25	-25.85	0.76	26.53	3.76	22.90	7.78
	74	35	7.64	-0.76	20.52	-3.76	-6.35	-12.55
		25	-29.07	0.76	29.16	3.76	33.43	7.79
	75	35	4.42	-0.59	23.15	-3.84	-12.32	-11.87
		25	-25.85	0.59	26.53	3.84	22.90	8.19
49	1	16	42.58	-11.04	42.91	3.50	-48.80	-13.36
		31	-6.94	-21.69	69.27	-3.50	59.96	29.21
	2	16	36.47	-4.02	15.97	1.26	-22.70	-5.79

	31	-21.96	-9.30	29.70	-1.26	24.34	11.68
3	16	7.86	-1.13	4.50	0.33	-6.67	-1.69
	31	-3.83	-2.57	8.19	-0.33	6.61	3.24
4	16	9.82	-1.75	6.96	0.59	-9.17	-2.44
	31	-3.37	-4.17	13.34	-0.59	11.08	5.35
5	16	-5.19	-0.02	-0.20	-0.03	0.85	-0.15
	31	5.19	0.02	0.20	0.03	0.82	0.00
6	16	4.48	0.01	0.12	0.01	-0.59	0.10
	31	-4.48	-0.01	-0.12	-0.01	-0.45	-0.01
7	16	-10.53	0.34	-0.19	-0.39	3.00	1.85
	31	10.53	-0.34	0.19	0.39	-1.37	1.02
8	16	10.58	-0.32	0.16	0.39	-2.85	-1.79
	31	-10.58	0.32	-0.16	-0.39	1.47	-0.96
9	16	117.25	-22.60	88.33	7.11	-109.07	-29.39
	31	-41.18	-47.26	151.12	-7.11	128.53	62.03
10	16	125.95	-22.57	88.61	7.14	-110.36	-29.17
	31	-49.88	-47.28	150.84	-7.14	127.40	62.02
11	16	112.44	-22.28	88.33	6.78	-107.14	-27.59
	31	-36.37	-47.58	151.12	-6.78	126.56	62.94
12	16	131.44	-22.87	88.65	7.49	-112.41	-30.87
	31	-55.37	-46.98	150.80	-7.49	129.12	61.17
13	16	112.82	-22.22	86.80	7.06	-105.94	-28.69
	31	-37.96	-46.52	148.84	-7.06	126.93	61.18
14	16	121.52	-22.19	87.09	7.09	-107.23	-28.46
	31	-46.66	-46.55	148.56	-7.09	125.79	61.17
15	16	108.01	-21.90	86.80	6.73	-104.00	-26.89
	31	-33.14	-46.84	148.84	-6.73	124.96	62.10
16	16	127.01	-22.49	87.12	7.43	-109.27	-30.16
	31	-52.15	-46.25	148.52	-7.43	127.51	60.32
17	16	102.34	-20.92	81.47	6.60	-98.55	-26.95
	31	-32.31	-43.38	138.96	-6.60	119.11	57.17
18	16	116.85	-20.87	81.94	6.65	-100.70	-26.58
	31	-46.82	-43.43	138.48	-6.65	117.22	57.15
19	16	94.32	-20.38	81.47	6.05	-95.33	-23.95
	31	-24.30	-43.92	138.95	-6.05	115.83	58.70
20	16	125.99	-21.37	82.00	7.23	-104.11	-29.41
	31	-55.97	-42.93	138.42	-7.23	120.09	55.73
21	16	88.70	-17.07	66.74	5.38	-82.25	-22.15
	31	-31.31	-35.64	113.94	-5.38	96.93	46.80
22	16	94.51	-17.05	66.93	5.40	-83.11	-22.00
	31	-37.11	-35.65	113.75	-5.40	96.17	46.80
23	16	85.50	-16.86	66.74	5.16	-80.96	-20.95
	31	-28.10	-35.85	113.94	-5.16	95.61	47.41
24	16	98.17	-17.25	66.95	5.63	-84.47	-23.13
	31	-40.77	-35.45	113.73	-5.63	97.32	46.23
25	16	85.75	-16.82	65.72	5.34	-80.16	-21.68
	31	-29.16	-35.15	112.42	-5.34	95.86	46.24
26	16	91.55	-16.80	65.91	5.36	-81.02	-21.53
	31	-34.96	-35.16	112.23	-5.36	95.10	46.23
27	16	82.54	-16.61	65.72	5.12	-78.87	-20.48

	31	-25.95	-35.36	112.42	-5.12	94.54	46.85
28	16	95.21	-17.00	65.93	5.59	-82.38	-22.66
	31	-38.62	-34.96	112.21	-5.59	96.25	45.67
29	16	78.77	-15.95	62.16	5.03	-75.24	-20.52
	31	-25.40	-33.05	105.83	-5.03	90.65	43.57
30	16	88.44	-15.92	62.48	5.07	-76.67	-20.27
	31	-35.07	-33.08	105.52	-5.07	89.39	43.55
31	16	73.42	-15.60	62.17	4.67	-73.09	-18.52
	31	-20.05	-33.41	105.83	-4.67	88.46	44.58
32	16	94.53	-16.26	62.52	5.45	-78.94	-22.16
	31	-41.17	-32.75	105.47	-5.45	91.30	42.61
33	16	79.04	-15.06	58.88	4.76	-71.50	-19.15
	31	-28.90	-30.99	98.97	-4.76	84.29	40.89
34	16	81.01	-15.41	60.27	4.88	-73.33	-19.64
	31	-29.57	-31.82	101.64	-4.88	86.51	41.96
35	16	78.01	-15.06	58.84	4.76	-71.33	-19.18
	31	-27.86	-30.98	99.01	-4.76	84.46	40.89
36	16	79.94	-15.05	58.90	4.76	-71.62	-19.13
	31	-29.80	-30.99	98.94	-4.76	84.20	40.89
37	16	76.94	-14.99	58.84	4.68	-70.90	-18.78
	31	-26.79	-31.06	99.01	-4.68	84.02	41.10
38	16	81.16	-15.12	58.91	4.84	-72.07	-19.51
	31	-31.01	-30.92	98.93	-4.84	84.59	40.70
39	16	79.04	-15.06	58.88	4.76	-71.50	-19.15
	31	-28.90	-30.99	98.97	-4.76	84.29	40.89
40	16	-59.34	0.03	-1.68	0.03	9.50	-0.54
	31	59.34	-0.03	1.68	-0.03	4.81	0.83
41	16	-46.07	-0.31	-1.64	0.29	8.44	-2.05
	31	46.07	0.31	1.64	-0.29	5.47	-0.63
42	16	10.17	1.64	-3.64	-3.29	30.70	13.08
	31	-10.17	-1.64	3.64	3.29	0.21	0.84
43	16	22.14	1.95	-4.73	-4.02	38.44	16.31
	31	-22.14	-1.95	4.73	4.02	1.79	0.27
44	16	22.76	-14.53	56.10	3.80	-52.79	-15.77
	31	27.39	-31.51	101.74	-3.80	89.16	41.97
45	16	16.66	-15.51	58.29	5.77	-71.21	-23.62
	31	33.49	-30.53	99.56	-5.77	89.04	41.47
46	16	26.35	-14.44	55.78	3.58	-50.47	-14.80
	31	23.79	-31.61	102.07	-3.58	89.64	41.80
47	16	13.07	-15.61	58.61	5.99	-73.53	-24.59
	31	37.08	-30.44	99.23	-5.99	88.57	41.64
48	16	141.43	-14.60	59.47	3.75	-71.78	-14.69
	31	-91.28	-31.45	98.38	-3.75	79.55	40.32
49	16	135.33	-15.58	61.65	5.72	-90.21	-22.53
	31	-85.18	-30.46	96.19	-5.72	79.42	39.82
50	16	145.02	-14.51	59.14	3.53	-69.46	-13.72
	31	-94.88	-31.54	98.70	-3.53	80.02	40.15
51	16	131.74	-15.68	61.98	5.94	-92.53	-23.50
	31	-81.59	-30.37	95.87	-5.94	78.95	39.99
52	16	36.02	-14.88	56.15	4.07	-53.85	-17.28

	31	14.12	-31.16	101.69	-4.07	89.82	40.52
53	16	29.92	-15.86	58.33	6.04	-72.27	-25.13
	31	20.22	-30.18	99.51	-6.04	89.70	40.01
54	16	39.61	-14.79	55.82	3.85	-51.53	-16.31
	31	10.53	-31.26	102.02	-3.85	90.30	40.35
55	16	26.33	-15.96	58.66	6.26	-74.59	-26.09
	31	23.82	-30.09	99.18	-6.26	89.22	40.18
56	16	128.17	-14.25	59.42	3.49	-70.73	-13.18
	31	-78.02	-31.79	98.42	-3.49	78.89	41.77
57	16	122.07	-15.23	61.60	5.46	-89.15	-21.03
	31	-71.92	-30.81	96.24	-5.46	78.76	41.27
58	16	131.76	-14.16	59.09	3.27	-68.41	-12.21
	31	-81.61	-31.89	98.75	-3.27	79.36	41.60
59	16	118.47	-15.33	61.93	5.68	-91.47	-22.00
	31	-68.33	-30.72	95.91	-5.68	78.29	41.44
60	16	71.41	-13.41	54.74	1.48	-37.95	-6.23
	31	-21.26	-32.64	103.11	-1.48	85.95	41.98
61	16	107.01	-13.43	55.75	1.47	-43.65	-5.91
	31	-56.87	-32.62	102.10	-1.47	83.06	41.49
62	16	75.39	-13.51	54.75	1.56	-38.26	-6.69
	31	-25.24	-32.53	103.09	-1.56	86.14	41.55
63	16	103.03	-13.32	55.73	1.39	-43.33	-5.46
	31	-52.89	-32.72	102.11	-1.39	82.86	41.92
64	16	51.08	-16.68	62.01	8.06	-99.35	-32.40
	31	-0.93	-29.36	95.84	-8.06	85.52	40.30
65	16	86.68	-16.70	63.02	8.04	-105.05	-32.07
	31	-36.53	-29.34	94.83	-8.04	82.64	39.80
66	16	55.06	-16.79	62.02	8.14	-99.67	-32.85
	31	-4.91	-29.26	95.82	-8.14	85.72	39.86
67	16	82.70	-16.60	63.00	7.96	-104.73	-31.62
	31	-32.55	-29.45	94.84	-7.96	82.44	40.24
68	16	83.39	-13.10	53.64	0.75	-30.21	-3.00
	31	-33.24	-32.95	104.20	-0.75	87.52	41.41
69	16	118.99	-13.12	54.65	0.73	-35.91	-2.68
	31	-68.84	-32.93	103.19	-0.73	84.64	40.92
70	16	87.37	-13.20	53.66	0.83	-30.53	-3.46
	31	-37.22	-32.84	104.19	-0.83	87.72	40.98
71	16	115.01	-13.01	54.64	0.66	-35.59	-2.23
	31	-64.86	-33.03	103.21	-0.66	84.44	41.35
72	16	39.10	-17.00	63.10	8.79	-107.09	-35.63
	31	11.05	-29.05	94.74	-8.79	83.95	40.87
73	16	74.70	-17.02	64.11	8.78	-112.79	-35.30
	31	-24.56	-29.03	93.73	-8.78	81.06	40.37
74	16	43.08	-17.10	63.12	8.87	-107.40	-36.08
	31	7.07	-28.94	94.73	-8.87	84.15	40.43
75	16	70.72	-16.91	64.10	8.70	-112.47	-34.85
	31	-20.58	-29.13	93.74	-8.70	80.87	40.81
50	1	26	42.58	11.04	42.91	-3.50	13.36
		31	-6.94	21.69	69.27	3.50	-29.21

2	26	36.47	4.02	15.97	-1.26	-22.70	5.79
	31	-21.96	9.30	29.70	1.26	24.34	-11.68
3	26	7.86	1.13	4.50	-0.33	-6.67	1.69
	31	-3.83	2.57	8.19	0.33	6.61	-3.24
4	26	9.82	1.75	6.96	-0.59	-9.17	2.44
	31	-3.37	4.17	13.34	0.59	11.08	-5.35
5	26	-5.19	0.02	-0.20	0.03	0.85	0.15
	31	5.19	-0.02	0.20	-0.03	0.82	0.00
6	26	4.48	-0.01	0.12	-0.01	-0.59	-0.10
	31	-4.48	0.01	-0.12	0.01	-0.45	0.01
7	26	10.63	0.32	0.16	-0.39	-2.80	1.77
	31	-10.63	-0.32	-0.16	0.39	1.48	0.95
8	26	-10.58	-0.33	-0.18	0.38	2.95	-1.83
	31	10.58	0.33	0.18	-0.38	-1.39	-1.01
9	26	117.24	22.59	88.33	-7.11	-109.07	29.39
	31	-41.17	47.26	151.12	7.11	128.53	-62.03
10	26	125.95	22.57	88.61	-7.14	-110.36	29.16
	31	-49.88	47.28	150.84	7.14	127.40	-62.02
11	26	131.47	22.87	88.64	-7.48	-112.36	30.84
	31	-55.40	46.98	150.80	7.48	129.13	-61.18
12	26	112.39	22.28	88.34	-6.79	-107.18	27.61
	31	-36.32	47.57	151.11	6.79	126.55	-62.94
13	26	112.81	22.22	86.80	-7.06	-105.94	28.69
	31	-37.95	46.52	148.84	7.06	126.93	-61.18
14	26	121.52	22.19	87.09	-7.09	-107.23	28.46
	31	-46.65	46.55	148.56	7.09	125.79	-61.17
15	26	127.04	22.49	87.12	-7.43	-109.22	30.14
	31	-52.18	46.25	148.53	7.43	127.53	-60.33
16	26	107.96	21.90	86.81	-6.74	-104.05	26.91
	31	-33.10	46.84	148.83	6.74	124.95	-62.09
17	26	102.34	20.92	81.46	-6.60	-98.55	26.95
	31	-32.31	43.38	138.96	6.60	119.11	-57.17
18	26	116.84	20.87	81.94	-6.65	-100.70	26.57
	31	-46.82	43.43	138.48	6.65	117.22	-57.15
19	26	126.06	21.37	81.99	-7.22	-104.03	29.37
	31	-56.03	42.93	138.43	7.22	120.10	-55.75
20	26	94.25	20.39	81.48	-6.06	-95.41	23.98
	31	-24.23	43.91	138.94	6.06	115.81	-58.68
21	26	88.70	17.07	66.74	-5.38	-82.25	22.15
	31	-31.30	35.64	113.94	5.38	96.93	-46.80
22	26	94.50	17.05	66.93	-5.40	-83.11	22.00
	31	-37.10	35.65	113.75	5.40	96.17	-46.80
23	26	98.19	17.25	66.95	-5.62	-84.44	23.12
	31	-40.79	35.45	113.73	5.62	97.32	-46.24
24	26	85.47	16.86	66.74	-5.16	-80.99	20.96
	31	-28.07	35.85	113.94	5.16	95.61	-47.41
25	26	85.75	16.82	65.72	-5.34	-80.16	21.68
	31	-29.15	35.15	112.42	5.34	95.86	-46.24
26	26	91.55	16.80	65.91	-5.36	-81.02	21.53
	31	-34.96	35.16	112.23	5.36	95.10	-46.23

27	26	95.23	17.00	65.93	-5.59	-82.35	22.65
	31	-38.64	34.97	112.21	5.59	96.26	-45.67
28	26	82.51	16.61	65.72	-5.13	-78.90	20.49
	31	-25.92	35.36	112.42	5.13	94.54	-46.85
29	26	78.76	15.95	62.16	-5.03	-75.23	20.52
	31	-25.39	33.05	105.83	5.03	90.65	-43.57
30	26	88.44	15.92	62.48	-5.07	-76.67	20.27
	31	-35.07	33.08	105.52	5.07	89.38	-43.55
31	26	94.58	16.25	62.51	-5.45	-78.88	22.14
	31	-41.21	32.75	105.48	5.45	91.31	-42.62
32	26	73.37	15.60	62.17	-4.67	-73.14	18.54
	31	-20.00	33.41	105.82	4.67	88.44	-44.57
33	26	79.04	15.06	58.88	-4.76	-71.50	19.15
	31	-28.90	30.99	98.97	4.76	84.29	-40.89
34	26	81.01	15.41	60.27	-4.88	-73.33	19.64
	31	-29.57	31.82	101.64	4.88	86.51	-41.96
35	26	78.01	15.06	58.84	-4.76	-71.33	19.18
	31	-27.86	30.99	99.01	4.76	84.46	-40.89
36	26	79.94	15.05	58.90	-4.76	-71.62	19.13
	31	-29.79	30.99	98.94	4.76	84.20	-40.89
37	26	81.17	15.12	58.91	-4.84	-72.06	19.50
	31	-31.02	30.92	98.94	4.84	84.59	-40.70
38	26	76.93	14.99	58.84	-4.69	-70.91	18.79
	31	-26.78	31.06	99.00	4.69	84.01	-41.10
39	26	79.04	15.06	58.88	-4.76	-71.50	19.15
	31	-28.90	30.99	98.97	4.76	84.29	-40.89
40	26	-46.06	0.31	-1.64	-0.29	8.46	2.04
	31	46.06	-0.31	1.64	0.29	5.47	0.63
41	26	-59.34	-0.03	-1.68	-0.03	9.48	0.55
	31	59.34	0.03	1.68	0.03	4.80	-0.82
42	26	-9.71	1.60	3.56	-3.24	-30.18	12.85
	31	9.71	-1.60	-3.56	3.24	-0.08	0.74
43	26	-21.64	1.90	4.64	-3.96	-37.78	16.02
	31	21.64	-1.90	-4.64	3.96	-1.63	0.14
44	26	30.07	15.85	58.31	-6.02	-72.09	25.05
	31	20.07	30.20	99.54	6.02	89.74	-40.05
45	26	35.90	14.89	56.17	-4.08	-53.98	17.34
	31	14.25	31.15	101.67	4.08	89.79	-40.49
46	26	26.49	15.94	58.63	-6.24	-74.37	26.00
	31	23.65	30.10	99.22	6.24	89.28	-40.23
47	26	39.47	14.80	55.85	-3.86	-51.70	16.39
	31	10.67	31.24	102.00	3.86	90.25	-40.31
48	26	122.19	15.22	61.58	-5.45	-89.02	20.96
	31	-72.05	30.82	96.26	5.45	78.79	-41.30
49	26	128.02	14.26	59.45	-3.50	-70.91	13.25
	31	-77.87	31.78	98.40	3.50	78.84	-41.74
50	26	118.61	15.31	61.91	-5.66	-91.30	21.91
	31	-68.47	30.73	95.94	5.66	78.33	-41.48
51	26	131.59	14.17	59.13	-3.29	-68.63	12.30
	31	-81.45	31.87	98.72	3.29	79.31	-41.56

52	26	16.79	15.50	58.26	-5.76	-71.07	23.56	
	31	33.35	30.54	99.58	5.76	89.07	-41.49	
53	26	22.62	14.55	56.13	-3.82	-52.96	15.85	
	31	27.53	31.50	101.72	3.82	89.12	-41.94	
54	26	13.21	15.60	58.59	-5.98	-73.35	24.51	
	31	36.93	30.45	99.26	5.98	88.61	-41.67	
55	26	26.20	14.45	55.81	-3.60	-50.68	14.90	
	31	23.95	31.59	102.04	3.60	89.59	-41.76	
56	26	135.47	15.57	61.63	-5.71	-90.03	22.45	
	31	-85.33	30.48	96.22	5.71	79.46	-39.85	
57	26	141.29	14.61	59.49	-3.76	-71.93	14.75	
	31	-91.15	31.44	98.35	3.76	79.51	-40.29	
58	26	131.89	15.66	61.95	-5.92	-92.32	23.40	
	31	-81.75	30.39	95.90	5.92	79.00	-40.03	
59	26	144.87	14.52	59.17	-3.55	-69.65	13.80	
	31	-94.73	31.53	98.68	3.55	79.98	-40.12	
60	26	55.52	16.75	61.95	-8.09	-99.14	32.61	
	31	-5.37	29.30	95.90	8.09	85.85	-39.97	
61	26	83.16	16.56	62.93	-7.92	-104.22	31.38	
	31	-33.01	29.49	94.92	7.92	82.57	-40.34	
62	26	51.54	16.65	61.93	-8.01	-98.84	32.16	
	31	-1.39	29.40	95.91	8.01	85.65	-40.40	
63	26	87.14	16.66	62.94	-8.00	-104.52	31.83	
	31	-36.99	29.38	94.90	8.00	82.77	-39.91	
64	26	74.93	13.55	54.83	-1.61	-38.78	6.92	
	31	-24.79	32.49	103.02	1.61	86.02	-41.44	
65	26	102.57	13.36	55.81	-1.44	-43.86	5.69	
	31	-52.42	32.68	102.04	1.44	82.73	-41.82	
66	26	70.95	13.45	54.81	-1.53	-38.47	6.47	
	31	-20.80	32.60	103.03	1.53	85.82	-41.88	
67	26	106.55	13.47	55.82	-1.51	-44.16	6.14	
	31	-56.41	32.58	102.02	1.51	82.93	-41.39	
68	26	43.59	17.05	63.02	-8.81	-106.74	35.78	
	31	6.56	28.99	94.82	8.81	84.31	-40.57	
69	26	71.23	16.86	64.01	-8.64	-111.82	34.55	
	31	-21.08	29.18	93.84	8.64	81.02	-40.94	
70	26	39.61	16.95	63.01	-8.73	-106.44	35.33	
	31	10.54	29.10	94.84	8.73	84.11	-41.00	
71	26	75.21	16.97	64.02	-8.72	-112.13	35.00	
	31	-25.06	29.08	93.83	8.72	81.22	-40.51	
72	26	86.86	13.25	53.75	-0.89	-31.18	3.75	
	31	-36.72	32.79	104.09	0.89	87.56	-40.85	
73	26	114.50	13.06	54.73	-0.72	-36.25	2.52	
	31	-64.35	32.98	103.11	0.72	84.28	-41.22	
74	26	82.88	13.15	53.74	-0.81	-30.87	3.30	
	31	-32.73	32.90	104.11	0.81	87.36	-41.28	
75	26	118.48	13.17	54.75	-0.79	-36.56	2.97	
	31	-68.34	32.88	103.10	0.79	84.48	-40.79	
51	1	20	42.57	-11.04	-42.91	-3.50	48.80	-13.36

	35	-6.93	-21.69	-69.27	3.50	-59.95	29.21
2	20	36.46	-4.02	-15.97	-1.26	22.70	-5.79
	35	-21.95	-9.30	-29.70	1.26	-24.33	11.68
3	20	7.86	-1.13	-4.50	-0.33	6.67	-1.69
	35	-3.83	-2.57	-8.19	0.33	-6.61	3.24
4	20	9.82	-1.75	-6.96	-0.59	9.17	-2.44
	35	-3.37	-4.17	-13.34	0.59	-11.08	5.35
5	20	4.52	0.01	-0.12	-0.01	0.56	0.10
	35	-4.52	-0.01	0.12	0.01	0.44	-0.02
6	20	-5.22	-0.02	0.19	0.03	-0.82	-0.15
	35	5.22	0.02	-0.19	-0.03	-0.81	0.00
7	20	-10.55	0.34	0.19	0.39	-3.00	1.85
	35	10.55	-0.34	-0.19	-0.39	1.38	1.02
8	20	10.59	-0.32	-0.16	-0.39	2.86	-1.79
	35	-10.59	0.32	0.16	0.39	-1.47	-0.96
9	20	125.96	-22.57	-88.61	-7.14	110.35	-29.17
	35	-49.89	-47.28	-150.84	7.14	-127.40	62.01
10	20	117.20	-22.59	-88.33	-7.11	109.10	-29.39
	35	-41.13	-47.26	-151.12	7.11	-128.52	62.03
11	20	112.41	-22.27	-88.33	-6.78	107.14	-27.59
	35	-36.33	-47.58	-151.12	6.78	-126.55	62.95
12	20	131.43	-22.87	-88.65	-7.49	112.41	-30.87
	35	-55.36	-46.98	-150.80	7.49	-129.11	61.16
13	20	121.53	-22.19	-87.08	-7.09	107.21	-28.47
	35	-46.67	-46.55	-148.56	7.09	-125.79	61.17
14	20	112.76	-22.22	-86.81	-7.06	105.96	-28.69
	35	-37.90	-46.52	-148.84	7.06	-126.91	61.18
15	20	107.97	-21.90	-86.81	-6.73	104.00	-26.89
	35	-33.11	-46.84	-148.84	6.73	-124.95	62.10
16	20	127.00	-22.49	-87.13	-7.44	109.28	-30.17
	35	-52.14	-46.25	-148.52	7.44	-127.51	60.32
17	20	116.88	-20.87	-81.94	-6.65	100.67	-26.58
	35	-46.86	-43.43	-138.48	6.65	-117.23	57.15
18	20	102.27	-20.91	-81.47	-6.60	98.59	-26.95
	35	-32.24	-43.38	-138.95	6.60	-119.09	57.17
19	20	94.28	-20.38	-81.47	-6.05	95.33	-23.94
	35	-24.26	-43.92	-138.95	6.05	-115.82	58.70
20	20	125.99	-21.37	-82.01	-7.23	104.11	-29.41
	35	-55.97	-42.93	-138.42	7.23	-120.08	55.73
21	20	94.51	-17.05	-66.92	-5.40	83.10	-22.00
	35	-37.11	-35.65	-113.75	5.40	-96.17	46.80
22	20	88.67	-17.07	-66.74	-5.38	82.27	-22.15
	35	-31.27	-35.64	-113.94	5.38	-96.92	46.80
23	20	85.47	-16.86	-66.74	-5.16	80.96	-20.95
	35	-28.07	-35.85	-113.94	5.16	-95.61	47.42
24	20	98.16	-17.25	-66.95	-5.63	84.47	-23.13
	35	-40.76	-35.45	-113.73	5.63	-97.31	46.23
25	20	91.56	-16.80	-65.91	-5.36	81.01	-21.53
	35	-34.97	-35.16	-112.23	5.36	-95.10	46.23
26	20	85.71	-16.82	-65.72	-5.34	80.18	-21.68

	35	-29.12	-35.15	-112.42	5.34	-95.85	46.24
27	20	82.52	-16.61	-65.72	-5.12	78.87	-20.48
	35	-25.93	-35.36	-112.42	5.12	-94.54	46.85
28	20	95.20	-17.00	-65.93	-5.59	82.38	-22.66
	35	-38.61	-34.96	-112.21	5.59	-96.24	45.66
29	20	88.46	-15.92	-62.47	-5.07	76.65	-20.27
	35	-35.09	-33.08	-105.52	5.07	-89.39	43.55
30	20	78.72	-15.95	-62.17	-5.03	75.26	-20.52
	35	-25.35	-33.05	-105.83	5.03	-90.63	43.57
31	20	73.39	-15.60	-62.17	-4.67	73.08	-18.52
	35	-20.02	-33.41	-105.83	4.67	-88.45	44.59
32	20	94.53	-16.26	-62.52	-5.45	78.94	-22.16
	35	-41.16	-32.75	-105.47	5.45	-91.29	42.61
33	20	79.03	-15.06	-58.88	-4.76	71.50	-19.15
	35	-28.89	-30.99	-98.97	4.76	-84.29	40.89
34	20	80.99	-15.41	-60.27	-4.88	73.34	-19.64
	35	-29.56	-31.82	-101.63	4.88	-86.50	41.96
35	20	79.94	-15.05	-58.90	-4.76	71.61	-19.13
	35	-29.79	-30.99	-98.94	4.76	-84.20	40.89
36	20	77.99	-15.06	-58.84	-4.76	71.34	-19.18
	35	-27.84	-30.98	-99.00	4.76	-84.45	40.89
37	20	76.92	-14.99	-58.84	-4.69	70.90	-18.78
	35	-26.78	-31.06	-99.00	4.69	-84.01	41.10
38	20	81.15	-15.12	-58.91	-4.84	72.07	-19.51
	35	-31.00	-30.92	-98.93	4.84	-84.58	40.70
39	20	79.03	-15.06	-58.88	-4.76	71.50	-19.15
	35	-28.89	-30.99	-98.97	4.76	-84.29	40.89
40	20	60.08	-0.04	-1.60	-0.01	9.03	0.51
	35	-60.08	0.04	1.60	0.01	4.61	-0.85
41	20	46.87	0.31	-1.55	0.25	7.90	2.02
	35	-46.87	-0.31	1.55	-0.25	5.28	0.60
42	20	22.07	1.95	4.74	4.02	-38.48	16.33
	35	-22.07	-1.95	-4.74	-4.02	-1.78	0.29
43	20	10.05	1.64	3.64	3.29	-30.71	13.10
	35	-10.05	-1.64	-3.64	-3.29	-0.21	0.86
44	20	145.73	-14.51	-59.06	-3.56	68.98	-13.74
	35	-95.58	-31.54	-98.78	3.56	-80.21	40.13
45	20	132.49	-15.68	-61.90	-5.98	92.07	-23.54
	35	-82.34	-30.36	-95.94	5.98	-79.14	39.96
46	20	142.12	-14.60	-59.39	-3.78	71.31	-14.71
	35	-91.98	-31.44	-98.45	3.78	-79.73	40.30
47	20	136.09	-15.59	-61.57	-5.76	89.74	-22.57
	35	-85.95	-30.46	-96.27	5.76	-79.61	39.79
48	20	25.57	-14.43	-55.85	-3.55	50.93	-14.77
	35	24.57	-31.61	-101.99	3.55	-89.44	41.83
49	20	12.34	-15.60	-58.69	-5.96	74.02	-24.56
	35	37.81	-30.44	-99.15	5.96	-88.37	41.66
50	20	21.97	-14.53	-56.18	-3.77	53.26	-15.74
	35	28.17	-31.52	-101.66	3.77	-88.96	42.00
51	20	15.94	-15.51	-58.36	-5.74	71.69	-23.59

	35	34.21	-30.54	-99.48	5.74	-88.84	41.48
52	20	132.52	-14.16	-59.01	-3.30	67.86	-12.23
	35	-82.38	-31.88	-98.84	3.30	-79.55	41.58
53	20	119.29	-15.33	-61.85	-5.72	90.95	-22.03
	35	-69.14	-30.71	-96.00	5.72	-78.48	41.41
54	20	128.92	-14.26	-59.34	-3.52	70.19	-13.20
	35	-78.78	-31.79	-98.51	3.52	-79.07	41.75
55	20	122.89	-15.24	-61.52	-5.50	88.62	-21.06
	35	-72.74	-30.80	-96.33	5.50	-78.95	41.24
56	20	38.78	-14.78	-55.91	-3.81	52.05	-16.27
	35	11.37	-31.27	-101.94	3.81	-90.10	40.38
57	20	25.54	-15.95	-58.75	-6.22	75.14	-26.07
	35	24.61	-30.09	-99.10	6.22	-89.03	40.21
58	20	35.17	-14.87	-56.24	-4.03	54.39	-17.24
	35	14.97	-31.17	-101.61	4.03	-89.62	40.55
59	20	29.14	-15.86	-58.42	-6.00	72.81	-25.10
	35	21.00	-30.19	-99.43	6.00	-89.50	40.04
60	20	119.12	-13.11	-54.62	-0.74	35.73	-2.67
	35	-68.97	-32.93	-103.22	0.74	-84.68	40.92
61	20	83.07	-13.09	-53.66	-0.74	30.31	-2.98
	35	-32.93	-32.95	-104.18	0.74	-87.45	41.43
62	20	115.16	-13.01	-54.61	-0.67	35.39	-2.22
	35	-65.01	-33.03	-103.24	0.67	-84.48	41.36
63	20	87.03	-13.20	-53.68	-0.82	30.65	-3.43
	35	-36.89	-32.85	-104.17	0.82	-87.65	41.00
64	20	74.99	-17.02	-64.10	-8.79	112.69	-35.32
	35	-24.84	-29.02	-93.75	8.79	-81.12	40.35
65	20	38.94	-17.00	-63.13	-8.78	107.28	-35.63
	35	11.20	-29.05	-94.71	8.78	-83.89	40.86
66	20	71.03	-16.92	-64.08	-8.71	112.36	-34.87
	35	-20.88	-29.13	-93.77	8.71	-80.92	40.79
67	20	42.90	-17.10	-63.15	-8.86	107.61	-36.08
	35	7.24	-28.94	-94.70	8.86	-84.09	40.43
68	20	107.11	-13.43	-55.72	-1.47	43.50	-5.90
	35	-56.96	-32.62	-102.12	1.47	-83.11	41.50
69	20	71.06	-13.40	-54.76	-1.47	38.08	-6.21
	35	-20.92	-32.64	-103.08	1.47	-85.88	42.01
70	20	103.15	-13.32	-55.71	-1.40	43.16	-5.45
	35	-53.00	-32.72	-102.14	1.40	-82.91	41.93
71	20	75.02	-13.51	-54.78	-1.55	38.42	-6.66
	35	-24.88	-32.54	-103.07	1.55	-86.07	41.57
72	20	87.00	-16.71	-63.00	-8.06	104.92	-32.09
	35	-36.85	-29.34	-94.85	8.06	-82.70	39.78
73	20	50.95	-16.69	-62.03	-8.05	99.50	-32.40
	35	-0.81	-29.36	-95.81	8.05	-85.47	40.29
74	20	83.04	-16.61	-62.98	-7.98	104.58	-31.64
	35	-32.89	-29.44	-94.86	7.98	-82.50	40.22
75	20	54.92	-16.79	-62.05	-8.13	99.84	-32.85
	35	-4.77	-29.25	-95.79	8.13	-85.66	39.86

52	1	30	42.57	11.04	-42.91	3.50	48.80	13.36
		35	-6.93	21.69	-69.27	-3.50	-59.95	-29.21
	2	30	36.46	4.02	-15.97	1.26	22.70	5.79
		35	-21.95	9.30	-29.70	-1.26	-24.33	-11.68
	3	30	7.86	1.13	-4.50	0.33	6.67	1.69
		35	-3.83	2.57	-8.19	-0.33	-6.61	-3.24
	4	30	9.81	1.75	-6.96	0.59	9.17	2.44
		35	-3.37	4.17	-13.34	-0.59	-11.08	-5.35
	5	30	4.52	-0.01	-0.12	0.01	0.56	-0.10
		35	-4.52	0.01	0.12	-0.01	0.44	0.02
	6	30	-5.23	0.02	0.19	-0.03	-0.82	0.15
		35	5.23	-0.02	-0.19	0.03	-0.81	0.00
	7	30	10.64	0.32	-0.16	0.39	2.80	1.77
		35	-10.64	-0.32	0.16	-0.39	-1.48	0.95
	8	30	-10.59	-0.33	0.18	-0.38	-2.95	-1.83
		35	10.59	0.33	-0.18	0.38	1.39	-1.01
	9	30	125.96	22.57	-88.61	7.14	110.35	29.17
		35	-49.89	47.28	-150.84	-7.14	-127.40	-62.02
	10	30	117.19	22.59	-88.33	7.11	109.10	29.39
		35	-41.12	47.26	-151.12	-7.11	-128.52	-62.03
	11	30	131.47	22.87	-88.65	7.48	112.36	30.84
		35	-55.40	46.98	-150.80	-7.48	-129.12	-61.17
	12	30	112.36	22.28	-88.34	6.79	107.19	27.61
		35	-36.29	47.57	-151.11	-6.79	-126.54	-62.94
	13	30	121.53	22.19	-87.08	7.09	107.21	28.46
		35	-46.67	46.55	-148.56	-7.09	-125.79	-61.17
	14	30	112.76	22.22	-86.81	7.06	105.96	28.69
		35	-37.89	46.52	-148.84	-7.06	-126.91	-61.19
	15	30	127.04	22.49	-87.12	7.43	109.23	30.14
		35	-52.17	46.25	-148.52	-7.43	-127.52	-60.33
	16	30	107.93	21.90	-86.81	6.74	104.05	26.91
		35	-33.07	46.84	-148.83	-6.74	-124.94	-62.09
	17	30	116.88	20.87	-81.94	6.65	100.67	26.58
		35	-46.86	43.43	-138.48	-6.65	-117.23	-57.15
	18	30	102.26	20.91	-81.47	6.60	98.59	26.95
		35	-32.24	43.39	-138.95	-6.60	-119.09	-57.18
	19	30	126.06	21.37	-81.99	7.22	104.03	29.37
		35	-56.03	42.93	-138.43	-7.22	-120.10	-55.75
	20	30	94.21	20.39	-81.48	6.06	95.41	23.98
		35	-24.19	43.91	-138.94	-6.06	-115.80	-58.69
	21	30	94.51	17.05	-66.92	5.40	83.10	22.00
		35	-37.11	35.65	-113.75	-5.40	-96.17	-46.80
	22	30	88.66	17.07	-66.74	5.38	82.27	22.15
		35	-31.26	35.64	-113.94	-5.38	-96.92	-46.81
	23	30	98.18	17.25	-66.95	5.62	84.44	23.12
		35	-40.78	35.45	-113.73	-5.62	-97.32	-46.24
	24	30	85.44	16.86	-66.74	5.16	80.99	20.96
		35	-28.04	35.85	-113.93	-5.16	-95.60	-47.41
	25	30	91.56	16.80	-65.91	5.36	81.01	21.53
		35	-34.96	35.16	-112.23	-5.36	-95.10	-46.23

26	30	85.71	16.82	-65.72	5.34	80.18	21.68
	35	-29.11	35.15	-112.42	-5.34	-95.85	-46.24
27	30	95.23	17.00	-65.93	5.59	82.35	22.65
	35	-38.63	34.97	-112.21	-5.59	-96.25	-45.67
28	30	82.49	16.61	-65.73	5.13	78.90	20.49
	35	-25.89	35.36	-112.42	-5.13	-94.53	-46.85
29	30	88.46	15.92	-62.47	5.07	76.65	20.27
	35	-35.09	33.08	-105.52	-5.07	-89.39	-43.55
30	30	78.71	15.95	-62.17	5.03	75.26	20.52
	35	-25.34	33.06	-105.83	-5.03	-90.63	-43.57
31	30	94.58	16.25	-62.51	5.45	78.89	22.14
	35	-41.21	32.75	-105.48	-5.45	-91.30	-42.62
32	30	73.34	15.60	-62.17	4.67	73.14	18.54
	35	-19.98	33.41	-105.82	-4.67	-88.44	-44.58
33	30	79.03	15.06	-58.88	4.76	71.50	19.15
	35	-28.88	30.99	-98.97	-4.76	-84.29	-40.89
34	30	80.99	15.41	-60.27	4.88	73.34	19.64
	35	-29.56	31.82	-101.63	-4.88	-86.50	-41.96
35	30	79.93	15.05	-58.90	4.76	71.61	19.13
	35	-29.79	30.99	-98.94	-4.76	-84.20	-40.89
36	30	77.99	15.06	-58.84	4.76	71.34	19.18
	35	-27.84	30.99	-99.00	-4.76	-84.45	-40.89
37	30	81.16	15.12	-58.91	4.84	72.06	19.50
	35	-31.01	30.92	-98.94	-4.84	-84.58	-40.70
38	30	76.91	14.99	-58.84	4.69	70.91	18.79
	35	-26.77	31.06	-99.00	-4.69	-84.01	-41.10
39	30	79.03	15.06	-58.88	4.76	71.50	19.15
	35	-28.88	30.99	-98.97	-4.76	-84.29	-40.89
40	30	46.89	-0.30	-1.55	-0.25	7.91	-1.98
	35	-46.89	0.30	1.55	0.25	5.28	-0.58
41	30	60.11	0.04	-1.60	0.01	9.00	-0.50
	35	-60.11	-0.04	1.60	-0.01	4.61	0.86
42	30	-21.54	1.90	-4.64	3.96	37.83	16.02
	35	21.54	-1.90	4.64	-3.96	1.62	0.15
43	30	-9.58	1.60	-3.56	3.24	30.18	12.85
	35	9.58	-1.60	3.56	-3.24	0.07	0.75
44	30	119.46	15.33	-61.82	5.70	90.76	21.98
	35	-69.31	30.72	-96.02	-5.70	-78.53	-41.43
45	30	132.38	14.19	-59.04	3.32	68.07	12.37
	35	-82.24	31.86	-98.81	-3.32	-79.50	-41.52
46	30	123.05	15.24	-61.50	5.48	88.47	21.03
	35	-72.90	30.81	-96.35	-5.48	-78.99	-41.25
47	30	128.79	14.28	-59.36	3.54	70.36	13.32
	35	-78.65	31.77	-98.48	-3.54	-79.03	-41.70
48	30	25.68	15.93	-58.72	6.20	74.94	25.93
	35	24.47	30.12	-99.13	-6.20	-89.08	-40.27
49	30	38.60	14.79	-55.94	3.83	52.24	16.32
	35	11.54	31.26	-101.91	-3.83	-90.05	-40.36
50	30	29.27	15.84	-58.39	5.99	72.64	24.98
	35	20.88	30.21	-99.45	-5.99	-89.54	-40.09

51	30	35.01	14.88	-56.26	4.04	54.53	17.27
	35	15.13	31.17	-101.59	-4.04	-89.58	-40.54
52	30	132.68	15.67	-61.87	5.96	91.85	23.46
	35	-82.54	30.38	-95.97	-5.96	-79.20	-39.99
53	30	145.60	14.53	-59.09	3.58	69.15	13.85
	35	-95.46	31.52	-98.76	-3.58	-80.17	-40.08
54	30	136.27	15.58	-61.55	5.74	89.56	22.51
	35	-86.13	30.47	-96.30	-5.74	-79.66	-39.81
55	30	142.02	14.62	-59.41	3.80	71.44	14.80
	35	-91.87	31.43	-98.43	-3.80	-79.70	-40.26
56	30	12.46	15.58	-58.67	5.95	73.85	24.45
	35	37.69	30.46	-99.17	-5.95	-88.41	-41.71
57	30	25.38	14.44	-55.89	3.57	51.16	14.84
	35	24.77	31.60	-101.96	-3.57	-89.38	-41.80
58	30	16.04	15.49	-58.35	5.73	71.56	23.50
	35	34.10	30.55	-99.50	-5.73	-88.87	-41.53
59	30	21.79	14.53	-56.21	3.78	53.45	15.79
	35	28.36	31.51	-101.63	-3.78	-88.91	-41.98
60	30	71.56	16.87	-63.98	8.65	111.70	34.57
	35	-21.42	29.18	-93.86	-8.65	-81.09	-40.92
61	30	43.43	17.05	-63.05	8.80	106.95	35.76
	35	6.72	29.00	-94.79	-8.80	-84.25	-40.57
62	30	75.53	16.97	-64.00	8.73	112.03	35.02
	35	-25.38	29.07	-93.85	-8.73	-81.29	-40.49
63	30	39.46	16.95	-63.04	8.72	106.63	35.32
	35	10.69	29.10	-94.81	-8.72	-84.05	-41.00
64	30	114.63	13.07	-54.70	0.73	36.05	2.54
	35	-64.49	32.98	-103.14	-0.73	-84.32	-41.22
65	30	86.50	13.25	-53.77	0.88	31.30	3.73
	35	-36.35	32.80	-104.07	-0.88	-87.49	-40.87
66	30	118.60	13.17	-54.72	0.80	36.38	2.99
	35	-68.46	32.88	-103.13	-0.80	-84.52	-40.78
67	30	82.53	13.14	-53.76	0.80	30.98	3.28
	35	-32.39	32.90	-104.09	-0.80	-87.28	-41.30
68	30	83.52	16.57	-62.90	7.93	104.06	31.41
	35	-33.38	29.48	-94.94	-7.93	-82.63	-40.32
69	30	55.39	16.75	-61.97	8.08	99.31	32.60
	35	-5.24	29.30	-95.87	-8.08	-85.80	-39.97
70	30	87.49	16.67	-62.92	8.01	104.39	31.86
	35	-37.34	29.38	-94.93	-8.01	-82.83	-39.89
71	30	51.42	16.64	-61.96	8.00	98.99	32.15
	35	-1.27	29.40	-95.89	-8.00	-85.60	-40.40
72	30	102.67	13.37	-55.78	1.44	43.69	5.70
	35	-52.53	32.68	-102.06	-1.44	-82.78	-41.82
73	30	74.54	13.55	-54.85	1.59	38.94	6.89
	35	-24.39	32.50	-102.99	-1.59	-85.94	-41.47
74	30	106.64	13.47	-55.80	1.52	44.02	6.15
	35	-56.49	32.58	-102.05	-1.52	-82.98	-41.39
75	30	70.57	13.44	-54.84	1.52	38.62	6.45
	35	-20.43	32.60	-103.01	-1.52	-85.74	-41.90

53	1	1	-5.19	0.20	-33.42	3.69	-4.39	0.16
		36	5.19	-0.20	52.42	-3.69	47.31	0.04
	2	1	-2.72	0.09	7.00	1.02	-4.21	0.07
		36	2.72	-0.09	21.61	-1.02	11.51	0.02
	3	1	-0.54	0.01	-2.71	0.52	-0.48	0.01
		36	0.54	-0.01	2.71	-0.52	3.19	0.00
	4	1	-0.91	0.03	-5.96	0.66	-0.82	0.02
		36	0.91	-0.03	5.96	-0.66	6.79	0.01
	5	1	-14.06	-0.03	-0.44	-0.46	2.39	-0.03
		36	14.06	0.03	0.44	0.46	-1.95	-0.01
	6	1	14.14	0.02	0.29	0.30	-2.36	0.02
		36	-14.14	-0.02	-0.29	-0.30	2.07	0.01
	7	1	-0.35	0.05	5.91	-2.66	-3.93	0.04
		36	0.35	-0.05	-5.91	2.66	-1.98	0.01
	8	1	0.35	-0.05	-5.85	2.47	3.76	-0.04
		36	-0.35	0.05	5.85	-2.47	2.09	-0.01
	9	1	-24.44	0.39	-43.28	6.97	-10.35	0.31
		36	24.44	-0.39	105.17	-6.97	84.57	0.08
	10	1	0.93	0.44	-42.62	7.65	-14.63	0.35
		36	-0.93	-0.44	104.52	-7.65	88.20	0.09
	11	1	-12.11	0.46	-37.57	4.99	-16.03	0.37
		36	12.11	-0.46	99.46	-4.99	84.54	0.10
	12	1	-11.48	0.37	-48.15	9.61	-9.11	0.29
		36	11.48	-0.37	110.04	-9.61	88.21	0.08
	13	1	-24.31	0.39	-43.68	6.69	-10.25	0.31
		36	24.31	-0.39	105.58	-6.69	84.88	0.08
	14	1	1.07	0.44	-43.03	7.37	-14.53	0.35
		36	-1.07	-0.44	104.92	-7.37	88.51	0.09
	15	1	-11.98	0.46	-37.97	4.71	-15.94	0.37
		36	11.98	-0.46	99.86	-4.71	84.85	0.09
	16	1	-11.34	0.37	-48.55	9.33	-9.02	0.29
		36	11.34	-0.37	110.45	-9.33	88.52	0.08
	17	1	-32.06	0.35	-39.48	5.92	-8.20	0.28
		36	32.06	-0.35	101.37	-5.92	78.62	0.07
	18	1	10.23	0.43	-38.38	7.06	-15.33	0.34
		36	-10.23	-0.43	100.28	-7.06	84.66	0.09
	19	1	-11.51	0.47	-29.95	2.62	-17.68	0.38
		36	11.51	-0.47	91.84	-2.62	78.57	0.10
	20	1	-10.45	0.32	-47.59	10.32	-6.14	0.25
		36	10.45	-0.32	109.48	-10.32	84.68	0.07
	21	1	-17.35	0.30	-32.38	5.27	-8.04	0.24
		36	17.35	-0.30	79.99	-5.27	64.22	0.06
	22	1	-0.43	0.33	-31.94	5.73	-10.90	0.26
		36	0.43	-0.33	79.55	-5.73	66.64	0.07
	23	1	-9.13	0.35	-28.57	3.95	-11.83	0.28
		36	9.13	-0.35	76.18	-3.95	64.21	0.07
	24	1	-8.71	0.28	-35.62	7.03	-7.22	0.23
		36	8.71	-0.28	83.23	-7.03	66.65	0.06
	25	1	-17.26	0.30	-32.65	5.09	-7.98	0.24

	36	17.26	-0.30	80.26	-5.09	64.43	0.06
26	1	-0.34	0.33	-32.21	5.54	-10.83	0.26
	36	0.34	-0.33	79.82	-5.54	66.85	0.07
27	1	-9.04	0.35	-28.84	3.77	-11.77	0.28
	36	9.04	-0.35	76.45	-3.77	64.41	0.07
28	1	-8.62	0.28	-35.89	6.85	-7.16	0.23
	36	8.62	-0.28	83.50	-6.85	66.85	0.06
29	1	-22.43	0.27	-29.84	4.58	-6.61	0.21
	36	22.43	-0.27	77.45	-4.58	60.25	0.06
30	1	5.76	0.33	-29.11	5.33	-11.37	0.26
	36	-5.76	-0.33	76.72	-5.33	64.28	0.07
31	1	-8.73	0.35	-23.49	2.38	-12.93	0.28
	36	8.73	-0.35	71.10	-2.38	60.22	0.07
32	1	-8.02	0.25	-35.25	7.51	-5.24	0.20
	36	8.02	-0.25	82.86	-7.51	64.30	0.05
33	1	-7.92	0.29	-26.42	4.71	-8.59	0.23
	36	7.92	-0.29	74.03	-4.71	58.82	0.06
34	1	-8.10	0.29	-27.61	4.84	-8.76	0.23
	36	8.10	-0.29	75.22	-4.84	60.17	0.06
35	1	-10.73	0.28	-26.51	4.61	-8.11	0.22
	36	10.73	-0.28	74.12	-4.61	58.42	0.06
36	1	-5.09	0.29	-26.36	4.77	-9.07	0.23
	36	5.09	-0.29	73.97	-4.77	59.23	0.06
37	1	-7.99	0.30	-25.24	4.17	-9.38	0.24
	36	7.99	-0.30	72.85	-4.17	58.42	0.06
38	1	-7.85	0.28	-27.59	5.20	-7.84	0.22
	36	7.85	-0.28	75.20	-5.20	59.23	0.06
39	1	-7.92	0.29	-26.42	4.71	-8.59	0.23
	36	7.92	-0.29	74.03	-4.71	58.82	0.06
40	1	-284.11	-0.59	-3.44	-3.61	48.38	-0.46
	36	284.11	0.59	3.44	3.61	-44.95	-0.12
41	1	-326.76	0.01	-9.16	-2.03	58.06	0.01
	36	326.76	-0.01	9.16	2.03	-48.91	0.00
42	1	-14.25	0.25	41.26	-17.74	-22.83	0.20
	36	14.25	-0.25	-41.26	17.74	-18.43	0.05
43	1	9.03	0.06	50.15	-22.26	-31.14	0.05
	36	-9.03	-0.06	-50.15	22.26	-19.00	0.01
44	1	-296.30	-0.23	-17.47	-4.22	32.94	-0.18
	36	296.30	0.23	65.08	4.22	8.34	-0.05
45	1	-287.75	-0.37	-42.23	6.42	46.64	-0.30
	36	287.75	0.37	89.84	-6.42	19.40	-0.08
46	1	-289.31	-0.28	-14.81	-5.58	30.45	-0.22
	36	289.31	0.28	62.42	5.58	8.17	-0.06
47	1	-294.74	-0.32	-44.90	7.78	49.13	-0.25
	36	294.74	0.32	92.51	-7.78	19.57	-0.07
48	1	271.91	0.95	-10.60	2.99	-63.83	0.75
	36	-271.91	-0.95	58.21	-2.99	98.23	0.20
49	1	280.46	0.80	-35.36	13.63	-50.13	0.63
	36	-280.46	-0.80	82.97	-13.63	109.29	0.17
50	1	278.90	0.89	-7.94	1.63	-66.32	0.71

	36	-278.90	-0.89	55.55	-1.63	98.06	0.19
51	1	273.48	0.86	-38.02	14.99	-47.63	0.68
	36	-273.48	-0.86	85.63	-14.99	109.46	0.18
52	1	-338.95	0.38	-23.19	-2.65	42.62	0.30
	36	338.95	-0.38	70.80	2.65	4.38	0.07
53	1	-330.40	0.23	-47.95	8.00	56.32	0.18
	36	330.40	-0.23	95.56	-8.00	15.44	0.04
54	1	-331.97	0.32	-20.53	-4.00	40.13	0.26
	36	331.97	-0.32	68.14	4.00	4.21	0.06
55	1	-337.39	0.28	-50.62	9.35	58.81	0.23
	36	337.39	-0.28	98.23	-9.35	15.61	0.05
56	1	314.56	0.35	-4.88	1.42	-73.51	0.27
	36	-314.56	-0.35	52.49	-1.42	102.19	0.07
57	1	323.12	0.20	-29.64	12.06	-59.81	0.16
	36	-323.12	-0.20	77.25	-12.06	113.25	0.04
58	1	321.55	0.29	-2.22	0.06	-76.00	0.23
	36	-321.55	-0.29	49.83	-0.06	102.02	0.06
59	1	316.13	0.26	-32.31	13.41	-57.31	0.20
	36	-316.13	-0.26	79.92	-13.41	113.42	0.06
60	1	-107.40	0.36	13.81	-14.11	-16.91	0.29
	36	107.40	-0.36	33.80	14.11	26.90	0.07
61	1	63.06	0.71	15.88	-11.95	-45.94	0.57
	36	-63.06	-0.71	31.73	11.95	53.87	0.15
62	1	-120.20	0.54	12.10	-13.64	-14.00	0.43
	36	120.20	-0.54	35.51	13.64	25.71	0.11
63	1	75.86	0.53	17.59	-12.42	-48.84	0.42
	36	-75.86	-0.53	30.02	12.42	55.06	0.11
64	1	-78.90	-0.14	-68.71	21.36	28.75	-0.11
	36	78.90	0.14	116.32	-21.36	63.76	-0.03
65	1	91.57	0.22	-66.65	23.53	-0.28	0.17
	36	-91.57	-0.22	114.26	-23.53	90.73	0.05
66	1	-91.69	0.05	-70.43	21.83	31.66	0.04
	36	91.69	-0.05	118.04	-21.83	62.58	0.01
67	1	104.36	0.04	-64.93	23.05	-3.18	0.03
	36	-104.36	-0.04	112.54	-23.05	91.92	0.01
68	1	-84.12	0.17	22.70	-18.63	-25.22	0.14
	36	84.12	-0.17	24.91	18.63	26.33	0.03
69	1	86.35	0.52	24.76	-16.47	-54.25	0.42
	36	-86.35	-0.52	22.85	16.47	53.30	0.11
70	1	-96.91	0.35	20.98	-18.16	-22.32	0.28
	36	96.91	-0.35	26.63	18.16	25.14	0.07
71	1	99.14	0.34	26.47	-16.94	-57.16	0.27
	36	-99.14	-0.34	21.14	16.94	54.49	0.07
72	1	-102.18	0.05	-77.59	25.88	37.07	0.04
	36	102.18	-0.05	125.20	-25.88	64.33	0.01
73	1	68.28	0.40	-75.53	28.04	8.04	0.32
	36	-68.28	-0.40	123.14	-28.04	91.30	0.08
74	1	-114.98	0.23	-79.31	26.35	39.97	0.19
	36	114.98	-0.23	126.92	-26.35	63.14	0.05
75	1	81.07	0.22	-73.82	27.57	5.13	0.18

		36	-81.07	-0.22	121.43	-27.57	92.49	0.05
54	1	36	-5.19	-0.05	-9.14	3.69	-47.31	-0.04
		37	5.19	0.05	30.04	-3.69	68.85	-0.01
	2	36	-2.72	-0.02	14.35	1.02	-11.51	-0.02
		37	2.72	0.02	17.12	-1.02	13.03	-0.01
	3	36	-0.54	0.00	-1.15	0.52	-3.19	0.00
		37	0.54	0.00	1.15	-0.52	4.45	0.00
	4	36	-0.91	-0.01	-2.69	0.66	-6.79	-0.01
		37	0.91	0.01	2.69	-0.66	9.75	0.00
	5	36	-14.06	0.01	-0.77	-0.46	1.95	0.01
		37	14.06	-0.01	0.77	0.46	-1.11	0.00
	6	36	14.14	-0.01	0.64	0.30	-2.07	-0.01
		37	-14.14	0.01	-0.64	-0.30	1.37	0.00
	7	36	-0.35	-0.01	4.08	-2.66	1.98	-0.01
		37	0.35	0.01	-4.08	2.66	-6.47	0.00
	8	36	0.35	0.01	-4.01	2.47	-2.09	0.01
		37	-0.35	-0.01	4.01	-2.47	6.49	0.00
	9	36	-24.44	-0.09	2.35	6.97	-84.57	-0.08
		37	24.44	0.09	65.73	-6.97	119.43	-0.02
	10	36	0.93	-0.11	3.61	7.65	-88.20	-0.09
		37	-0.93	0.11	64.47	-7.65	121.67	-0.03
	11	36	-12.11	-0.11	6.71	4.99	-84.54	-0.10
		37	12.11	0.11	61.37	-4.99	114.61	-0.03
	12	36	-11.48	-0.09	-0.57	9.61	-88.21	-0.08
		37	11.48	0.09	68.65	-9.61	126.28	-0.02
	13	36	-24.31	-0.09	2.05	6.69	-84.88	-0.08
		37	24.31	0.09	66.03	-6.69	120.07	-0.02
	14	36	1.07	-0.11	3.32	7.37	-88.51	-0.09
		37	-1.07	0.11	64.77	-7.37	122.30	-0.03
	15	36	-11.98	-0.11	6.41	4.71	-84.85	-0.09
		37	11.98	0.11	61.67	-4.71	115.25	-0.03
	16	36	-11.34	-0.09	-0.87	9.33	-88.52	-0.08
		37	11.34	0.09	68.95	-9.33	126.91	-0.02
	17	36	-32.06	-0.08	3.61	5.92	-78.62	-0.07
		37	32.06	0.08	64.47	-5.92	112.09	-0.02
	18	36	10.23	-0.11	5.72	7.06	-84.66	-0.09
		37	-10.23	0.11	62.36	-7.06	115.82	-0.03
	19	36	-11.51	-0.11	10.88	2.62	-78.57	-0.10
		37	11.51	0.11	57.20	-2.62	104.05	-0.03
	20	36	-10.45	-0.08	-1.25	10.32	-84.68	-0.07
		37	10.45	0.08	69.33	-10.32	123.50	-0.02
	21	36	-17.35	-0.07	2.26	5.27	-64.22	-0.06
		37	17.35	0.07	50.11	-5.27	90.54	-0.02
	22	36	-0.43	-0.08	3.10	5.73	-66.64	-0.07
		37	0.43	0.08	49.27	-5.73	92.03	-0.02
	23	36	-9.13	-0.08	5.17	3.95	-64.21	-0.07
		37	9.13	0.08	47.20	-3.95	87.32	-0.02
	24	36	-8.71	-0.07	0.32	7.03	-66.65	-0.06
		37	8.71	0.07	52.05	-7.03	95.10	-0.02

25	36	-17.26	-0.07	2.06	5.09	-64.43	-0.06
	37	17.26	0.07	50.31	-5.09	90.96	-0.02
26	36	-0.34	-0.08	2.91	5.54	-66.85	-0.07
	37	0.34	0.08	49.46	-5.54	92.45	-0.02
27	36	-9.04	-0.08	4.97	3.77	-64.41	-0.07
	37	9.04	0.08	47.40	-3.77	87.75	-0.02
28	36	-8.62	-0.07	0.12	6.85	-66.85	-0.06
	37	8.62	0.07	52.25	-6.85	95.53	-0.02
29	36	-22.43	-0.06	3.10	4.58	-60.25	-0.06
	37	22.43	0.06	49.27	-4.58	85.64	-0.02
30	36	5.76	-0.08	4.51	5.33	-64.28	-0.07
	37	-5.76	0.08	47.86	-5.33	88.13	-0.02
31	36	-8.73	-0.08	7.95	2.38	-60.22	-0.07
	37	8.73	0.08	44.42	-2.38	80.29	-0.02
32	36	-8.02	-0.06	-0.14	7.51	-64.30	-0.05
	37	8.02	0.06	52.51	-7.51	93.25	-0.02
33	36	-7.92	-0.07	5.22	4.71	-58.82	-0.06
	37	7.92	0.07	47.16	-4.71	81.88	-0.02
34	36	-8.10	-0.07	4.68	4.84	-60.17	-0.06
	37	8.10	0.07	47.69	-4.84	83.83	-0.02
35	36	-10.73	-0.07	5.06	4.61	-58.42	-0.06
	37	10.73	0.07	47.31	-4.61	81.66	-0.02
36	36	-5.09	-0.07	5.34	4.77	-59.23	-0.06
	37	5.09	0.07	47.03	-4.77	82.16	-0.02
37	36	-7.99	-0.07	6.03	4.17	-58.42	-0.06
	37	7.99	0.07	46.34	-4.17	80.59	-0.02
38	36	-7.85	-0.07	4.41	5.20	-59.23	-0.06
	37	7.85	0.07	47.96	-5.20	83.18	-0.02
39	36	-7.92	-0.07	5.22	4.71	-58.82	-0.06
	37	7.92	0.07	47.16	-4.71	81.88	-0.02
40	36	-284.11	0.15	-10.92	-3.61	44.95	0.12
	37	284.11	-0.15	10.92	3.61	-32.93	0.04
41	36	-326.76	0.02	-16.46	-2.03	48.91	0.00
	37	326.76	-0.02	16.46	2.03	-30.81	0.02
42	36	-14.25	-0.05	26.38	-17.74	18.43	-0.05
	37	14.25	0.05	-26.38	17.74	-47.45	-0.01
43	36	9.03	-0.01	32.37	-22.26	19.00	-0.01
	37	-9.03	0.01	-32.37	22.26	-54.61	0.00
44	36	-296.30	0.07	2.21	-4.22	-8.34	0.05
	37	296.30	-0.07	50.16	4.22	34.71	0.02
45	36	-287.75	0.10	-13.62	6.42	-19.40	0.08
	37	287.75	-0.10	65.99	-6.42	63.18	0.03
46	36	-289.31	0.08	4.01	-5.58	-8.17	0.06
	37	289.31	-0.08	48.36	5.58	32.57	0.03
47	36	-294.74	0.09	-15.42	7.78	-19.57	0.07
	37	294.74	-0.09	67.79	-7.78	65.33	0.03
48	36	271.91	-0.24	24.05	2.99	-98.23	-0.20
	37	-271.91	0.24	28.32	-2.99	100.58	-0.07
49	36	280.46	-0.20	8.22	13.63	-109.29	-0.17
	37	-280.46	0.20	44.15	-13.63	129.05	-0.06

50	36	278.90	-0.23	25.85	1.63	-98.06	-0.19
	37	-278.90	0.23	26.52	-1.63	98.43	-0.06
51	36	273.48	-0.22	6.42	14.99	-109.46	-0.18
	37	-273.48	0.22	45.95	-14.99	131.20	-0.06
52	36	-338.95	-0.07	-3.33	-2.65	-4.38	-0.07
	37	338.95	0.07	55.70	2.65	36.84	0.00
53	36	-330.40	-0.04	-19.15	8.00	-15.44	-0.04
	37	330.40	0.04	71.53	-8.00	65.31	0.00
54	36	-331.97	-0.06	-1.53	-4.00	-4.21	-0.06
	37	331.97	0.06	53.90	4.00	34.69	0.00
55	36	-337.39	-0.05	-20.95	9.35	-15.61	-0.05
	37	337.39	0.05	73.32	-9.35	67.46	0.00
56	36	314.56	-0.10	29.58	1.42	-102.19	-0.07
	37	-314.56	0.10	22.79	-1.42	98.46	-0.04
57	36	323.12	-0.07	13.76	12.06	-113.25	-0.04
	37	-323.12	0.07	38.61	-12.06	126.92	-0.03
58	36	321.55	-0.09	31.38	0.06	-102.02	-0.06
	37	-321.55	0.09	20.99	-0.06	96.31	-0.03
59	36	316.13	-0.08	11.96	13.41	-113.42	-0.06
	37	-316.13	0.08	40.41	-13.41	129.07	-0.03
60	36	-107.40	-0.08	28.32	-14.11	-26.90	-0.07
	37	107.40	0.08	24.06	14.11	24.56	-0.01
61	36	63.06	-0.17	34.87	-11.95	-53.87	-0.15
	37	-63.06	0.17	17.50	11.95	44.32	-0.04
62	36	-120.20	-0.12	26.65	-13.64	-25.71	-0.11
	37	120.20	0.12	25.72	13.64	25.19	-0.02
63	36	75.86	-0.13	36.53	-12.42	-55.06	-0.11
	37	-75.86	0.13	15.84	12.42	43.68	-0.03
64	36	-78.90	0.03	-24.44	21.36	-63.76	0.03
	37	78.90	-0.03	76.81	-21.36	119.45	0.01
65	36	91.57	-0.06	-17.88	23.53	-90.73	-0.05
	37	-91.57	0.06	70.26	-23.53	139.21	-0.02
66	36	-91.69	-0.01	-26.10	21.83	-62.58	-0.01
	37	91.69	0.01	78.47	-21.83	120.09	0.00
67	36	104.36	-0.02	-16.22	23.05	-91.92	-0.01
	37	-104.36	0.02	68.59	-23.05	138.57	-0.01
68	36	-84.12	-0.04	34.31	-18.63	-26.33	-0.03
	37	84.12	0.04	18.06	18.63	17.39	-0.01
69	36	86.35	-0.13	40.87	-16.47	-53.30	-0.11
	37	-86.35	0.13	11.51	16.47	37.15	-0.03
70	36	-96.91	-0.08	32.65	-18.16	-25.14	-0.07
	37	96.91	0.08	19.72	18.16	18.03	-0.02
71	36	99.14	-0.09	42.53	-16.94	-54.49	-0.07
	37	-99.14	0.09	9.84	16.94	36.51	-0.03
72	36	-102.18	-0.01	-30.44	25.88	-64.33	-0.01
	37	102.18	0.01	82.81	-25.88	126.62	0.00
73	36	68.28	-0.10	-23.88	28.04	-91.30	-0.08
	37	-68.28	0.10	76.25	-28.04	146.38	-0.03
74	36	-114.98	-0.05	-32.10	26.35	-63.14	-0.05
	37	114.98	0.05	84.47	-26.35	127.25	-0.01

	75	36	81.07	-0.06	-22.22	27.57	-92.49	-0.05
		37	-81.07	0.06	74.59	-27.57	145.74	-0.02
55	1	37	-5.19	0.02	12.83	3.69	-68.85	0.01
		38	5.19	-0.02	8.07	-3.69	66.24	0.01
	2	37	-2.72	0.01	19.12	1.02	-13.03	0.01
		38	2.72	-0.01	12.35	-1.02	9.30	0.00
	3	37	-0.54	0.00	0.42	0.52	-4.45	0.00
		38	0.54	0.00	-0.42	-0.52	3.99	0.00
	4	37	-0.91	0.00	0.54	0.66	-9.75	0.00
		38	0.91	0.00	-0.54	-0.66	9.15	0.00
	5	37	-14.06	0.00	-1.06	-0.46	1.11	0.00
		38	14.06	0.00	1.06	0.46	0.05	0.00
	6	37	14.14	0.00	0.94	0.30	-1.37	0.00
		38	-14.14	0.00	-0.94	-0.30	0.33	0.00
	7	37	-0.35	0.00	2.54	-2.66	6.47	0.00
		38	0.35	0.00	-2.54	2.66	-9.26	0.00
	8	37	0.35	0.00	-2.45	2.47	-6.49	0.00
		38	-0.35	0.00	2.45	-2.47	9.19	0.00
	9	37	-24.44	0.03	41.61	6.97	-119.43	0.02
		38	24.44	-0.03	26.47	-6.97	111.10	0.01
	10	37	0.93	0.04	43.42	7.65	-121.67	0.03
		38	-0.93	-0.04	24.66	-7.65	111.35	0.02
	11	37	-12.11	0.04	44.85	4.99	-114.61	0.03
		38	12.11	-0.04	23.23	-4.99	102.72	0.02
	12	37	-11.48	0.04	40.37	9.61	-126.28	0.02
		38	11.48	-0.04	27.72	-9.61	119.32	0.02
	13	37	-24.31	0.03	41.39	6.69	-120.07	0.02
		38	24.31	-0.03	26.69	-6.69	111.98	0.01
	14	37	1.07	0.04	43.19	7.37	-122.30	0.03
		38	-1.07	-0.04	24.89	-7.37	112.23	0.02
	15	37	-11.98	0.04	44.63	4.71	-115.25	0.03
		38	11.98	-0.04	23.45	-4.71	103.60	0.02
	16	37	-11.34	0.04	40.14	9.33	-126.91	0.02
		38	11.34	-0.04	27.94	-9.33	120.20	0.02
	17	37	-32.06	0.03	40.35	5.92	-112.09	0.02
		38	32.06	-0.03	27.73	-5.92	105.15	0.01
	18	37	10.23	0.04	43.36	7.06	-115.82	0.03
		38	-10.23	-0.04	24.73	-7.06	105.57	0.02
	19	37	-11.51	0.04	45.75	2.62	-104.05	0.03
		38	11.51	-0.04	22.33	-2.62	91.18	0.01
	20	37	-10.45	0.03	38.27	10.32	-123.50	0.02
		38	10.45	-0.03	29.81	-10.32	118.85	0.02
	21	37	-17.35	0.03	32.00	5.27	-90.54	0.02
		38	17.35	-0.03	20.37	-5.27	84.14	0.01
	22	37	-0.43	0.03	33.21	5.73	-92.03	0.02
		38	0.43	-0.03	19.17	-5.73	84.31	0.01
	23	37	-9.13	0.03	34.16	3.95	-87.32	0.02
		38	9.13	-0.03	18.21	-3.95	78.55	0.01
	24	37	-8.71	0.03	31.17	7.03	-95.10	0.02

	38	8.71	-0.03	21.20	-7.03	89.62	0.01
25	37	-17.26	0.03	31.85	5.09	-90.96	0.02
	38	17.26	-0.03	20.52	-5.09	84.73	0.01
26	37	-0.34	0.03	33.06	5.54	-92.45	0.02
	38	0.34	-0.03	19.31	-5.54	84.90	0.01
27	37	-9.04	0.03	34.01	3.77	-87.75	0.02
	38	9.04	-0.03	18.36	-3.77	79.14	0.01
28	37	-8.62	0.03	31.02	6.85	-95.53	0.02
	38	8.62	-0.03	21.35	-6.85	90.21	0.01
29	37	-22.43	0.02	31.16	4.58	-85.64	0.02
	38	22.43	-0.02	21.21	-4.58	80.17	0.01
30	37	5.76	0.03	33.16	5.33	-88.13	0.02
	38	-5.76	-0.03	19.21	-5.33	80.45	0.01
31	37	-8.73	0.03	34.76	2.38	-80.29	0.02
	38	8.73	-0.03	17.61	-2.38	70.86	0.01
32	37	-8.02	0.03	29.77	7.51	-93.25	0.02
	38	8.02	-0.03	22.60	-7.51	89.30	0.01
33	37	-7.92	0.03	31.95	4.71	-81.88	0.02
	38	7.92	-0.03	20.42	-4.71	75.54	0.01
34	37	-8.10	0.03	32.06	4.84	-83.83	0.02
	38	8.10	-0.03	20.31	-4.84	77.37	0.01
35	37	-10.73	0.03	31.74	4.61	-81.66	0.02
	38	10.73	-0.03	20.63	-4.61	75.55	0.01
36	37	-5.09	0.03	32.14	4.77	-82.16	0.02
	38	5.09	-0.03	20.23	-4.77	75.61	0.01
37	37	-7.99	0.03	32.46	4.17	-80.59	0.02
	38	7.99	-0.03	19.91	-4.17	73.69	0.01
38	37	-7.85	0.03	31.46	5.20	-83.18	0.02
	38	7.85	-0.03	20.91	-5.20	77.38	0.01
39	37	-7.92	0.03	31.95	4.71	-81.88	0.02
	38	7.92	-0.03	20.42	-4.71	75.54	0.01
40	37	-284.11	-0.09	-17.31	-3.61	32.93	-0.04
	38	284.11	0.09	17.31	3.61	-13.89	-0.06
41	37	-326.76	-0.07	-22.83	-2.03	30.81	-0.02
	38	326.76	0.07	22.83	2.03	-5.69	-0.06
42	37	-14.25	0.00	13.23	-17.74	47.45	0.01
	38	14.25	0.00	-13.23	17.74	-62.00	-0.01
43	37	9.03	0.00	16.74	-22.26	54.61	0.00
	38	-9.03	0.00	-16.74	22.26	-73.02	0.00
44	37	-296.30	-0.06	18.61	-4.22	-34.71	-0.02
	38	296.30	0.06	33.76	4.22	43.05	-0.05
45	37	-287.75	-0.07	10.67	6.42	-63.18	-0.03
	38	287.75	0.07	41.70	-6.42	80.25	-0.04
46	37	-289.31	-0.06	19.66	-5.58	-32.57	-0.03
	38	289.31	0.06	32.71	5.58	39.74	-0.04
47	37	-294.74	-0.07	9.62	7.78	-65.33	-0.03
	38	294.74	0.07	42.75	-7.78	83.55	-0.04
48	37	271.91	0.12	53.23	2.99	-100.58	0.07
	38	-271.91	-0.12	-0.86	-2.99	70.84	0.06
49	37	280.46	0.12	45.29	13.63	-129.05	0.06

	38	-280.46	-0.12	7.08	-13.63	108.03	0.07
50	37	278.90	0.12	54.28	1.63	-98.43	0.06
	38	-278.90	-0.12	-1.91	-1.63	67.53	0.07
51	37	273.48	0.12	44.24	14.99	-131.20	0.06
	38	-273.48	-0.12	8.13	-14.99	111.34	0.07
52	37	-338.95	-0.04	13.09	-2.65	-36.84	0.00
	38	338.95	0.04	39.29	2.65	51.25	-0.05
53	37	-330.40	-0.05	5.15	8.00	-65.31	0.00
	38	330.40	0.05	47.22	-8.00	88.45	-0.05
54	37	-331.97	-0.04	14.14	-4.00	-34.69	0.00
	38	331.97	0.04	38.23	4.00	47.94	-0.05
55	37	-337.39	-0.05	4.10	9.35	-67.46	0.00
	38	337.39	0.05	48.28	-9.35	91.76	-0.05
56	37	314.56	0.10	58.75	1.42	-98.46	0.04
	38	-314.56	-0.10	-6.38	-1.42	62.63	0.07
57	37	323.12	0.10	50.82	12.06	-126.92	0.03
	38	-323.12	-0.10	1.55	-12.06	99.83	0.08
58	37	321.55	0.10	59.81	0.06	-96.31	0.03
	38	-321.55	-0.10	-7.44	-0.06	59.32	0.07
59	37	316.13	0.10	49.76	13.41	-129.07	0.03
	38	-316.13	-0.10	2.61	-13.41	103.14	0.07
60	37	-107.40	0.00	39.99	-14.11	-24.56	0.01
	38	107.40	0.00	12.38	14.11	9.37	-0.01
61	37	63.06	0.06	50.37	-11.95	-44.32	0.04
	38	-63.06	-0.06	2.00	11.95	17.71	0.02
62	37	-120.20	0.01	38.33	-13.64	-25.19	0.02
	38	120.20	-0.01	14.04	13.64	11.84	-0.02
63	37	75.86	0.05	52.03	-12.42	-43.68	0.03
	38	-75.86	-0.05	0.34	12.42	15.25	0.02
64	37	-78.90	0.00	13.53	21.36	-119.45	-0.01
	38	78.90	0.00	38.84	-21.36	133.37	0.00
65	37	91.57	0.05	23.91	23.53	-139.21	0.02
	38	-91.57	-0.05	28.46	-23.53	141.71	0.04
66	37	-91.69	0.00	11.87	21.83	-120.09	0.00
	38	91.69	0.00	40.50	-21.83	135.83	0.00
67	37	104.36	0.05	25.57	23.05	-138.57	0.01
	38	-104.36	-0.05	26.80	-23.05	139.25	0.04
68	37	-84.12	0.00	43.50	-18.63	-17.39	0.01
	38	84.12	0.00	8.87	18.63	-1.65	-0.01
69	37	86.35	0.06	53.88	-16.47	-37.15	0.03
	38	-86.35	-0.06	-1.51	16.47	6.68	0.03
70	37	-96.91	0.01	41.84	-18.16	-18.03	0.02
	38	96.91	-0.01	10.53	18.16	0.81	-0.01
71	37	99.14	0.05	55.54	-16.94	-36.51	0.03
	38	-99.14	-0.05	-3.17	16.94	4.22	0.03
72	37	-102.18	0.00	10.02	25.88	-126.62	0.00
	38	102.18	0.00	42.35	-25.88	144.40	-0.01
73	37	68.28	0.05	20.41	28.04	-146.38	0.03
	38	-68.28	-0.05	31.97	-28.04	152.73	0.03
74	37	-114.98	0.00	8.36	26.35	-127.25	0.01

		38	114.98	0.00	44.01	-26.35	146.86	-0.01
	75	37	81.07	0.04	22.06	27.57	-145.74	0.02
		38	-81.07	-0.04	30.31	-27.57	150.27	0.03
56	1	38	-5.19	-0.03	34.65	3.69	-66.24	-0.01
		39	5.19	0.03	-13.75	-3.69	39.62	-0.02
	2	38	-2.72	-0.01	24.20	1.02	-9.30	0.00
		39	2.72	0.01	7.27	-1.02	-0.01	-0.01
	3	38	-0.54	0.00	2.01	0.52	-3.99	0.00
		39	0.54	0.00	-2.01	-0.52	1.78	0.00
	4	38	-0.91	0.00	3.77	0.66	-9.15	0.00
		39	0.91	0.00	-3.77	-0.66	5.01	0.00
	5	38	-14.06	0.01	-1.32	-0.46	-0.05	0.00
		39	14.06	-0.01	1.32	0.46	1.51	0.01
	6	38	14.14	-0.01	1.21	0.30	-0.33	0.00
		39	-14.14	0.01	-1.21	-0.30	-1.00	-0.01
	7	38	-0.35	0.01	1.26	-2.66	9.26	0.00
		39	0.35	-0.01	-1.26	2.66	-10.65	0.01
	8	38	0.35	-0.01	-1.14	2.47	-9.19	0.00
		39	-0.35	0.01	1.14	-2.47	10.44	-0.01
	9	38	-24.44	-0.04	81.15	6.97	-111.10	-0.01
		39	24.44	0.04	-13.07	-6.97	59.28	-0.03
	10	38	0.93	-0.06	83.43	7.65	-111.35	-0.02
		39	-0.93	0.06	-15.35	-7.65	57.03	-0.05
	11	38	-12.11	-0.05	83.47	4.99	-102.72	-0.02
		39	12.11	0.05	-15.39	-4.99	48.34	-0.03
	12	38	-11.48	-0.06	81.31	9.61	-119.32	-0.02
		39	11.48	0.06	-13.23	-9.61	67.33	-0.05
	13	38	-24.31	-0.04	80.97	6.69	-111.98	-0.01
		39	24.31	0.04	-12.88	-6.69	60.36	-0.03
	14	38	1.07	-0.06	83.25	7.37	-112.23	-0.02
		39	-1.07	0.06	-15.16	-7.37	58.11	-0.05
	15	38	-11.98	-0.05	83.29	4.71	-103.60	-0.02
		39	11.98	0.05	-15.21	-4.71	49.42	-0.03
	16	38	-11.34	-0.06	81.13	9.33	-120.20	-0.02
		39	11.34	0.06	-13.05	-9.33	68.41	-0.05
	17	38	-32.06	-0.03	77.35	5.92	-105.15	-0.01
		39	32.06	0.03	-9.26	-5.92	57.51	-0.02
	18	38	10.23	-0.07	81.15	7.06	-105.57	-0.02
		39	-10.23	0.07	-13.06	-7.06	53.75	-0.05
	19	38	-11.51	-0.04	81.22	2.62	-91.18	-0.01
		39	11.51	0.04	-13.14	-2.62	39.28	-0.03
	20	38	-10.45	-0.06	77.62	10.32	-118.85	-0.02
		39	10.45	0.06	-9.53	-10.32	70.92	-0.05
	21	38	-17.35	-0.03	61.95	5.27	-84.14	-0.01
		39	17.35	0.03	-9.57	-5.27	44.80	-0.03
	22	38	-0.43	-0.05	63.47	5.73	-84.31	-0.01
		39	0.43	0.05	-11.09	-5.73	43.30	-0.04
	23	38	-9.13	-0.04	63.50	3.95	-78.55	-0.01
		39	9.13	0.04	-11.13	-3.95	37.51	-0.03

24	38	-8.71	-0.05	62.05	7.03	-89.62	-0.01
	39	8.71	0.05	-9.68	-7.03	50.17	-0.04
25	38	-17.26	-0.03	61.82	5.09	-84.73	-0.01
	39	17.26	0.03	-9.45	-5.09	45.52	-0.03
26	38	-0.34	-0.05	63.34	5.54	-84.90	-0.01
	39	0.34	0.05	-10.97	-5.54	44.02	-0.04
27	38	-9.04	-0.03	63.37	3.77	-79.14	-0.01
	39	9.04	0.03	-11.00	-3.77	38.23	-0.03
28	38	-8.62	-0.04	61.93	6.85	-90.21	-0.01
	39	8.62	0.04	-9.56	-6.85	50.89	-0.04
29	38	-22.43	-0.03	59.41	4.58	-80.17	-0.01
	39	22.43	0.03	-7.04	-4.58	43.62	-0.02
30	38	5.76	-0.05	61.94	5.33	-80.45	-0.01
	39	-5.76	0.05	-9.57	-5.33	41.12	-0.04
31	38	-8.73	-0.03	61.99	2.38	-70.86	-0.01
	39	8.73	0.03	-9.62	-2.38	31.47	-0.02
32	38	-8.02	-0.05	59.59	7.51	-89.30	-0.01
	39	8.02	0.05	-7.22	-7.51	52.56	-0.04
33	38	-7.92	-0.04	58.85	4.71	-75.54	-0.01
	39	7.92	0.04	-6.48	-4.71	39.61	-0.03
34	38	-8.10	-0.04	59.60	4.84	-77.37	-0.01
	39	8.10	0.04	-7.23	-4.84	40.61	-0.03
35	38	-10.73	-0.03	58.58	4.61	-75.55	-0.01
	39	10.73	0.03	-6.21	-4.61	39.91	-0.03
36	38	-5.09	-0.04	59.09	4.77	-75.61	-0.01
	39	5.09	0.04	-6.72	-4.77	39.41	-0.03
37	38	-7.99	-0.03	59.10	4.17	-73.69	-0.01
	39	7.99	0.03	-6.73	-4.17	37.48	-0.03
38	38	-7.85	-0.04	58.62	5.20	-77.38	-0.01
	39	7.85	0.04	-6.25	-5.20	41.70	-0.03
39	38	-7.92	-0.04	58.85	4.71	-75.54	-0.01
	39	7.92	0.04	-6.48	-4.71	39.61	-0.03
40	38	-284.11	0.21	-22.73	-3.61	13.89	0.06
	39	284.11	-0.21	22.73	3.61	11.11	0.18
41	38	-326.76	0.27	-28.41	-2.03	5.69	0.06
	39	326.76	-0.27	28.41	2.03	25.56	0.24
42	38	-14.25	0.05	1.64	-17.74	62.00	0.01
	39	14.25	-0.05	-1.64	17.74	-63.80	0.04
43	38	9.03	0.00	3.02	-22.26	73.02	0.00
	39	-9.03	0.00	-3.02	22.26	-76.35	0.00
44	38	-296.30	0.19	36.61	-4.22	-43.05	0.05
	39	296.30	-0.19	15.76	4.22	31.58	0.16
45	38	-287.75	0.16	35.62	6.42	-80.25	0.04
	39	287.75	-0.16	16.75	-6.42	69.86	0.14
46	38	-289.31	0.18	37.02	-5.58	-39.74	0.04
	39	289.31	-0.18	15.35	5.58	27.82	0.15
47	38	-294.74	0.18	35.21	7.78	-83.55	0.04
	39	294.74	-0.18	17.16	-7.78	73.63	0.15
48	38	271.91	-0.23	82.07	2.99	-70.84	-0.06
	39	-271.91	0.23	-29.70	-2.99	9.36	-0.19

49	38	280.46	-0.26	81.09	13.63	-108.03	-0.07
	39	-280.46	0.26	-28.72	-13.63	47.64	-0.22
50	38	278.90	-0.25	82.49	1.63	-67.53	-0.07
	39	-278.90	0.25	-30.12	-1.63	5.59	-0.20
51	38	273.48	-0.25	80.68	14.99	-111.34	-0.07
	39	-273.48	0.25	-28.31	-14.99	51.40	-0.21
52	38	-338.95	0.25	30.93	-2.65	-51.25	0.05
	39	338.95	-0.25	21.44	2.65	46.03	0.22
53	38	-330.40	0.22	29.95	8.00	-88.45	0.05
	39	330.40	-0.22	22.42	-8.00	84.31	0.19
54	38	-331.97	0.24	31.35	-4.00	-47.94	0.05
	39	331.97	-0.24	21.03	4.00	42.27	0.21
55	38	-337.39	0.23	29.53	9.35	-91.76	0.05
	39	337.39	-0.23	22.84	-9.35	88.08	0.21
56	38	314.56	-0.29	87.75	1.42	-62.63	-0.07
	39	-314.56	0.29	-35.38	-1.42	-5.09	-0.25
57	38	323.12	-0.32	86.77	12.06	-99.83	-0.08
	39	-323.12	0.32	-34.40	-12.06	33.19	-0.28
58	38	321.55	-0.31	88.17	0.06	-59.32	-0.07
	39	-321.55	0.31	-35.80	-0.06	-8.86	-0.26
59	38	316.13	-0.31	86.35	13.41	-103.14	-0.07
	39	-316.13	0.31	-33.98	-13.41	36.95	-0.26
60	38	-107.40	0.07	53.67	-14.11	-9.37	0.01
	39	107.40	-0.07	-1.29	14.11	-20.85	0.07
61	38	63.06	-0.05	67.31	-11.95	-17.71	-0.02
	39	-63.06	0.05	-14.94	11.95	-27.52	-0.04
62	38	-120.20	0.09	51.96	-13.64	-11.84	0.02
	39	120.20	-0.09	0.41	13.64	-16.52	0.08
63	38	75.86	-0.07	69.01	-12.42	-15.25	-0.02
	39	-75.86	0.07	-16.64	12.42	-31.86	-0.06
64	38	-78.90	-0.02	50.39	21.36	-133.37	0.00
	39	78.90	0.02	1.98	-21.36	106.74	-0.02
65	38	91.57	-0.14	64.03	23.53	-141.71	-0.04
	39	-91.57	0.14	-11.66	-23.53	100.08	-0.12
66	38	-91.69	0.00	48.69	21.83	-135.83	0.00
	39	91.69	0.00	3.68	-21.83	111.08	0.00
67	38	104.36	-0.16	65.74	23.05	-139.25	-0.04
	39	-104.36	0.16	-13.37	-23.05	95.74	-0.14
68	38	-84.12	0.03	55.05	-18.63	1.65	0.01
	39	84.12	-0.03	-2.68	18.63	-33.41	0.03
69	38	86.35	-0.10	68.69	-16.47	-6.68	-0.03
	39	-86.35	0.10	-16.32	16.47	-40.07	-0.08
70	38	-96.91	0.05	53.35	-18.16	-0.81	0.01
	39	96.91	-0.05	-0.98	18.16	-29.07	0.05
71	38	99.14	-0.11	70.40	-16.94	-4.22	-0.03
	39	-99.14	0.11	-18.02	16.94	-44.41	-0.10
72	38	-102.18	0.03	49.01	25.88	-144.40	0.01
	39	102.18	-0.03	3.36	-25.88	119.29	0.02
73	38	68.28	-0.10	62.65	28.04	-152.73	-0.03
	39	-68.28	0.10	-10.28	-28.04	112.63	-0.08

	74	38	-114.98	0.04	47.30	26.35	-146.86	0.01
		39	114.98	-0.04	5.07	-26.35	123.63	0.04
	75	38	81.07	-0.12	64.35	27.57	-150.27	-0.03
		39	-81.07	0.12	-11.98	-27.57	108.29	-0.10
57	1	39	-5.19	0.09	56.56	3.69	-39.62	0.02
		40	5.19	-0.09	-35.66	-3.69	-11.10	0.07
	2	39	-2.72	0.03	29.63	1.02	0.01	0.01
		40	2.72	-0.03	1.84	-1.02	-15.29	0.03
	3	39	-0.54	0.01	3.63	0.52	-1.78	0.00
		40	0.54	-0.01	-3.63	-0.52	-2.21	0.01
	4	39	-0.91	0.01	7.03	0.66	-5.01	0.00
		40	0.91	-0.01	-7.03	-0.66	-2.73	0.01
	5	39	-14.06	-0.04	-1.56	-0.46	-1.51	-0.01
		40	14.06	0.04	1.56	0.46	3.22	-0.03
	6	39	14.14	0.04	1.44	0.30	1.00	0.01
		40	-14.14	-0.04	-1.44	-0.30	-2.58	0.03
	7	39	-0.35	-0.03	0.21	-2.66	10.65	-0.01
		40	0.35	0.03	-0.21	2.66	-10.88	-0.03
	8	39	0.35	0.03	-0.06	2.47	-10.44	0.01
		40	-0.35	-0.03	0.06	-2.47	10.51	0.03
	9	39	-24.44	0.14	121.35	6.97	-59.28	0.03
		40	24.44	-0.14	-53.27	-6.97	-36.76	0.12
	10	39	0.93	0.21	124.05	7.65	-57.03	0.05
		40	-0.93	-0.21	-55.97	-7.65	-41.98	0.18
	11	39	-12.11	0.14	122.95	4.99	-48.34	0.03
		40	12.11	-0.14	-54.87	-4.99	-49.46	0.12
	12	39	-11.48	0.20	122.70	9.61	-67.33	0.05
		40	11.48	-0.20	-54.62	-9.61	-30.20	0.18
	13	39	-24.31	0.14	121.18	6.69	-60.36	0.03
		40	24.31	-0.14	-53.10	-6.69	-35.49	0.12
	14	39	1.07	0.21	123.88	7.37	-58.11	0.05
		40	-1.07	-0.21	-55.80	-7.37	-40.71	0.18
	15	39	-11.98	0.14	122.78	4.71	-49.42	0.03
		40	11.98	-0.14	-54.69	-4.71	-48.19	0.12
	16	39	-11.34	0.20	122.53	9.33	-68.41	0.05
		40	11.34	-0.20	-54.45	-9.33	-28.93	0.17
	17	39	-32.06	0.10	114.97	5.92	-57.51	0.02
		40	32.06	-0.10	-46.89	-5.92	-31.51	0.09
	18	39	10.23	0.22	119.47	7.06	-53.75	0.05
		40	-10.23	-0.22	-51.39	-7.06	-40.21	0.19
	19	39	-11.51	0.11	117.63	2.62	-39.28	0.03
		40	11.51	-0.11	-49.55	-2.62	-52.67	0.09
	20	39	-10.45	0.21	117.22	10.32	-70.92	0.05
		40	10.45	-0.21	-49.14	-10.32	-20.58	0.18
	21	39	-17.35	0.11	92.39	5.27	-44.80	0.03
		40	17.35	-0.11	-40.02	-5.27	-28.02	0.09
	22	39	-0.43	0.16	94.19	5.73	-43.30	0.04
		40	0.43	-0.16	-41.82	-5.73	-31.51	0.13
	23	39	-9.13	0.11	93.46	3.95	-37.51	0.03

	40	9.13	-0.11	-41.09	-3.95	-36.49	0.10
24	39	-8.71	0.15	93.29	7.03	-50.17	0.04
	40	8.71	-0.15	-40.92	-7.03	-23.65	0.13
25	39	-17.26	0.11	92.28	5.09	-45.52	0.03
	40	17.26	-0.11	-39.91	-5.09	-27.18	0.09
26	39	-0.34	0.15	94.08	5.54	-44.02	0.04
	40	0.34	-0.15	-41.71	-5.54	-30.66	0.13
27	39	-9.04	0.11	93.34	3.77	-38.23	0.03
	40	9.04	-0.11	-40.97	-3.77	-35.64	0.09
28	39	-8.62	0.15	93.18	6.85	-50.89	0.04
	40	8.62	-0.15	-40.81	-6.85	-22.81	0.13
29	39	-22.43	0.08	88.14	4.58	-43.62	0.02
	40	22.43	-0.08	-35.77	-4.58	-24.53	0.07
30	39	5.76	0.16	91.14	5.33	-41.12	0.04
	40	-5.76	-0.16	-38.77	-5.33	-30.33	0.14
31	39	-8.73	0.09	89.91	2.38	-31.47	0.02
	40	8.73	-0.09	-37.54	-2.38	-38.63	0.08
32	39	-8.02	0.16	89.64	7.51	-52.56	0.04
	40	8.02	-0.16	-37.27	-7.51	-17.24	0.14
33	39	-7.92	0.12	86.18	4.71	-39.61	0.03
	40	7.92	-0.12	-33.81	-4.71	-26.39	0.10
34	39	-8.10	0.12	87.59	4.84	-40.61	0.03
	40	8.10	-0.12	-35.22	-4.84	-26.93	0.10
35	39	-10.73	0.11	85.87	4.61	-39.91	0.03
	40	10.73	-0.11	-33.50	-4.61	-25.74	0.09
36	39	-5.09	0.12	86.47	4.77	-39.41	0.03
	40	5.09	-0.12	-34.10	-4.77	-26.90	0.11
37	39	-7.99	0.11	86.23	4.17	-37.48	0.03
	40	7.99	-0.11	-33.86	-4.17	-28.56	0.09
38	39	-7.85	0.12	86.17	5.20	-41.70	0.03
	40	7.85	-0.12	-33.80	-5.20	-24.29	0.11
39	39	-7.92	0.12	86.18	4.71	-39.61	0.03
	40	7.92	-0.12	-33.81	-4.71	-26.39	0.10
40	39	-284.11	-0.76	-27.25	-3.61	-11.11	-0.18
	40	284.11	0.76	27.25	3.61	41.09	-0.65
41	39	-326.76	-1.01	-33.21	-2.03	-25.56	-0.24
	40	326.76	1.01	33.21	2.03	62.09	-0.88
42	39	-14.25	-0.18	-8.65	-17.74	63.80	-0.04
	40	14.25	0.18	8.65	17.74	-54.28	-0.16
43	39	9.03	-0.01	-9.06	-22.26	76.35	0.00
	40	-9.03	0.01	9.06	22.26	-66.38	-0.01
44	39	-296.30	-0.69	56.34	-4.22	-31.58	-0.16
	40	296.30	0.69	-3.97	4.22	-1.59	-0.60
45	39	-287.75	-0.58	61.53	6.42	-69.86	-0.14
	40	287.75	0.58	-9.16	-6.42	30.98	-0.51
46	39	-289.31	-0.64	56.22	-5.58	-27.82	-0.15
	40	289.31	0.64	-3.84	5.58	-5.21	-0.56
47	39	-294.74	-0.64	61.65	7.78	-73.63	-0.15
	40	294.74	0.64	-9.28	-7.78	34.61	-0.55
48	39	271.91	0.82	110.84	2.99	-9.36	0.19

	40	-271.91	-0.82	-58.47	-2.99	-83.76	0.71
49	39	280.46	0.93	116.03	13.63	-47.64	0.22
	40	-280.46	-0.93	-63.66	-13.63	-51.19	0.80
50	39	278.90	0.87	110.71	1.63	-5.59	0.20
	40	-278.90	-0.87	-58.34	-1.63	-87.39	0.75
51	39	273.48	0.88	116.15	14.99	-51.40	0.21
	40	-273.48	-0.88	-63.78	-14.99	-47.56	0.76
52	39	-338.95	-0.95	50.38	-2.65	-46.03	-0.22
	40	338.95	0.95	1.99	2.65	19.42	-0.83
53	39	-330.40	-0.84	55.57	8.00	-84.31	-0.19
	40	330.40	0.84	-3.20	-8.00	51.99	-0.73
54	39	-331.97	-0.90	50.26	-4.00	-42.27	-0.21
	40	331.97	0.90	2.11	4.00	15.79	-0.78
55	39	-337.39	-0.89	55.70	9.35	-88.08	-0.21
	40	337.39	0.89	-3.33	-9.35	55.61	-0.77
56	39	314.56	1.07	116.79	1.42	5.09	0.25
	40	-314.56	-1.07	-64.42	-1.42	-104.76	0.93
57	39	323.12	1.18	121.98	12.06	-33.19	0.28
	40	-323.12	-1.18	-69.61	-12.06	-72.19	1.03
58	39	321.55	1.12	116.67	0.06	8.86	0.26
	40	-321.55	-1.12	-64.30	-0.06	-108.39	0.98
59	39	316.13	1.13	122.11	13.41	-36.95	0.26
	40	-316.13	-1.13	-69.74	-13.41	-68.56	0.98
60	39	-107.40	-0.29	69.36	-14.11	20.85	-0.07
	40	107.40	0.29	-16.99	14.11	-68.34	-0.26
61	39	63.06	0.16	85.71	-11.95	27.52	0.04
	40	-63.06	-0.16	-33.34	11.95	-93.00	0.14
62	39	-120.20	-0.37	67.57	-13.64	16.52	-0.08
	40	120.20	0.37	-15.20	13.64	-62.04	-0.32
63	39	75.86	0.24	87.49	-12.42	31.86	0.06
	40	-75.86	-0.24	-35.12	12.42	-99.30	0.20
64	39	-78.90	0.07	86.66	21.36	-106.74	0.02
	40	78.90	-0.07	-34.29	-21.36	40.22	0.06
65	39	91.57	0.53	103.01	23.53	-100.08	0.12
	40	-91.57	-0.53	-50.64	-23.53	15.57	0.46
66	39	-91.69	0.00	84.87	21.83	-111.08	0.00
	40	91.69	0.00	-32.50	-21.83	46.52	0.00
67	39	104.36	0.60	104.80	23.05	-95.74	0.14
	40	-104.36	-0.60	-52.43	-23.05	9.27	0.52
68	39	-84.12	-0.12	68.95	-18.63	33.41	-0.03
	40	84.12	0.12	-16.57	18.63	-80.44	-0.11
69	39	86.35	0.33	85.29	-16.47	40.07	0.08
	40	-86.35	-0.33	-32.92	16.47	-105.09	0.29
70	39	-96.91	-0.20	67.16	-18.16	29.07	-0.05
	40	96.91	0.20	-14.79	18.16	-74.14	-0.17
71	39	99.14	0.41	87.08	-16.94	44.41	0.10
	40	-99.14	-0.41	-34.71	16.94	-111.39	0.35
72	39	-102.18	-0.10	87.07	25.88	-119.29	-0.02
	40	102.18	0.10	-34.70	-25.88	52.32	-0.08
73	39	68.28	0.36	103.42	28.04	-112.63	0.08

		40	-68.28	-0.36	-51.05	-28.04	27.67	0.31
74		39	-114.98	-0.17	85.29	26.35	-123.63	-0.04
		40	114.98	0.17	-32.92	-26.35	58.62	-0.15
75		39	81.07	0.43	105.21	27.57	-108.29	0.10
		40	-81.07	-0.43	-52.84	-27.57	21.36	0.37
58	1	40	-5.19	-0.36	78.71	3.69	11.10	-0.07
		2	5.19	0.36	-59.71	-3.69	-80.30	-0.29
	2	40	-2.72	-0.13	35.37	1.02	15.29	-0.03
		2	2.72	0.13	-6.76	-1.02	-36.36	-0.10
	3	40	-0.54	-0.04	5.30	0.52	2.21	-0.01
		2	0.54	0.04	-5.30	-0.52	-7.51	-0.03
	4	40	-0.91	-0.06	10.35	0.66	2.73	-0.01
		2	0.91	0.06	-10.35	-0.66	-13.07	-0.05
	5	40	-14.06	0.17	-1.76	-0.46	-3.22	0.03
		2	14.06	-0.17	1.76	0.46	4.99	0.14
	6	40	14.14	-0.17	1.62	0.30	2.58	-0.03
		2	-14.14	0.17	-1.62	-0.30	-4.20	-0.13
	7	40	-0.35	0.15	-0.66	-2.66	10.88	0.03
		2	0.35	-0.15	0.66	2.66	-10.23	0.12
	8	40	0.35	-0.14	0.85	2.47	-10.51	-0.03
		2	-0.35	0.14	-0.85	-2.47	9.66	-0.11
	9	40	-24.44	-0.58	162.42	6.97	36.76	-0.12
		2	24.44	0.58	-100.53	-6.97	-168.23	-0.46
	10	40	0.93	-0.89	165.46	7.65	41.98	-0.18
		2	-0.93	0.89	-103.57	-7.65	-176.50	-0.70
	11	40	-12.11	-0.60	163.42	4.99	49.46	-0.12
		2	12.11	0.60	-101.52	-4.99	-181.93	-0.48
	12	40	-11.48	-0.86	164.77	9.61	30.20	-0.18
		2	11.48	0.86	-102.88	-9.61	-164.02	-0.69
	13	40	-24.31	-0.57	162.24	6.69	35.49	-0.12
		2	24.31	0.57	-100.34	-6.69	-166.78	-0.45
	14	40	1.07	-0.88	165.28	7.37	40.71	-0.18
		2	-1.07	0.88	-103.39	-7.37	-175.04	-0.70
	15	40	-11.98	-0.59	163.23	4.71	48.19	-0.12
		2	11.98	0.59	-101.34	-4.71	-180.47	-0.47
	16	40	-11.34	-0.85	164.58	9.33	28.93	-0.17
		2	11.34	0.85	-102.69	-9.33	-162.57	-0.68
	17	40	-32.06	-0.42	153.42	5.92	31.51	-0.09
		2	32.06	0.42	-91.53	-5.92	-153.99	-0.34
	18	40	10.23	-0.93	158.49	7.06	40.21	-0.19
		2	-10.23	0.93	-96.60	-7.06	-167.76	-0.74
	19	40	-11.51	-0.46	155.08	2.62	52.67	-0.09
		2	11.51	0.46	-93.19	-2.62	-176.80	-0.37
	20	40	-10.45	-0.90	157.33	10.32	20.58	-0.18
		2	10.45	0.90	-95.44	-10.32	-146.97	-0.71
	21	40	-17.35	-0.45	123.49	5.27	28.02	-0.09
		2	17.35	0.45	-75.88	-5.27	-127.71	-0.36
	22	40	-0.43	-0.66	125.52	5.73	31.51	-0.13
		2	0.43	0.66	-77.91	-5.73	-133.22	-0.52

23	40	-9.13	-0.47	124.15	3.95	36.49	-0.10
	2	9.13	0.47	-76.54	-3.95	-136.84	-0.37
24	40	-8.71	-0.64	125.06	7.03	23.65	-0.13
	2	8.71	0.64	-77.45	-7.03	-124.90	-0.51
25	40	-17.26	-0.45	123.37	5.09	27.18	-0.09
	2	17.26	0.45	-75.76	-5.09	-126.74	-0.36
26	40	-0.34	-0.65	125.40	5.54	30.66	-0.13
	2	0.34	0.65	-77.79	-5.54	-132.25	-0.52
27	40	-9.04	-0.46	124.03	3.77	35.64	-0.09
	2	9.04	0.46	-76.42	-3.77	-135.87	-0.37
28	40	-8.62	-0.63	124.93	6.85	22.81	-0.13
	2	8.62	0.63	-77.32	-6.85	-123.93	-0.50
29	40	-22.43	-0.35	117.49	4.58	24.53	-0.07
	2	22.43	0.35	-69.88	-4.58	-118.21	-0.28
30	40	5.76	-0.69	120.87	5.33	30.33	-0.14
	2	-5.76	0.69	-73.26	-5.33	-127.39	-0.55
31	40	-8.73	-0.37	118.60	2.38	38.63	-0.08
	2	8.73	0.37	-70.99	-2.38	-133.42	-0.30
32	40	-8.02	-0.66	120.10	7.51	17.24	-0.14
	2	8.02	0.66	-72.49	-7.51	-113.53	-0.53
33	40	-7.92	-0.49	114.08	4.71	26.39	-0.10
	2	7.92	0.49	-66.47	-4.71	-116.66	-0.39
34	40	-8.10	-0.50	116.15	4.84	26.93	-0.10
	2	8.10	0.50	-68.54	-4.84	-119.28	-0.40
35	40	-10.73	-0.46	113.73	4.61	25.74	-0.09
	2	10.73	0.46	-66.12	-4.61	-115.66	-0.36
36	40	-5.09	-0.52	114.40	4.77	26.90	-0.11
	2	5.09	0.52	-66.79	-4.77	-117.50	-0.42
37	40	-7.99	-0.46	113.95	4.17	28.56	-0.09
	2	7.99	0.46	-66.34	-4.17	-118.71	-0.37
38	40	-7.85	-0.52	114.25	5.20	24.29	-0.11
	2	7.85	0.52	-66.64	-5.20	-114.73	-0.41
39	40	-7.92	-0.49	114.08	4.71	26.39	-0.10
	2	7.92	0.49	-66.47	-4.71	-116.66	-0.39
40	40	-284.11	3.20	-30.80	-3.61	-41.09	0.65
	2	284.11	-3.20	30.80	3.61	71.89	2.55
41	40	-326.76	4.31	-37.11	-2.03	-62.09	0.88
	2	326.76	-4.31	37.11	2.03	99.20	3.43
42	40	-14.25	0.79	-17.89	-17.74	54.28	0.16
	2	14.25	-0.79	17.89	17.74	-36.39	0.63
43	40	9.03	0.05	-19.83	-22.26	66.38	0.01
	2	-9.03	-0.05	19.83	22.26	-46.55	0.04
44	40	-296.30	2.95	77.91	-4.22	1.59	0.60
	2	296.30	-2.95	-30.30	4.22	-55.69	2.35
45	40	-287.75	2.48	88.64	6.42	-30.98	0.51
	2	287.75	-2.48	-41.03	-6.42	-33.85	1.97
46	40	-289.31	2.73	77.33	-5.58	5.21	0.56
	2	289.31	-2.73	-29.72	5.58	-58.73	2.17
47	40	-294.74	2.70	89.22	7.78	-34.61	0.55
	2	294.74	-2.70	-41.61	-7.78	-30.81	2.15

48	40	271.91	-3.46	139.52	2.99	83.76	-0.71
	2	-271.91	3.46	-91.91	-2.99	-199.47	-2.75
49	40	280.46	-3.93	150.25	13.63	51.19	-0.80
	2	-280.46	3.93	-102.64	-13.63	-177.64	-3.13
50	40	278.90	-3.68	138.93	1.63	87.39	-0.75
	2	-278.90	3.68	-91.32	-1.63	-202.52	-2.93
51	40	273.48	-3.71	150.83	14.99	47.56	-0.76
	2	-273.48	3.71	-103.22	-14.99	-174.59	-2.95
52	40	-338.95	4.05	71.60	-2.65	-19.42	0.83
	2	338.95	-4.05	-23.99	2.65	-28.38	3.23
53	40	-330.40	3.58	82.34	8.00	-51.99	0.73
	2	330.40	-3.58	-34.73	-8.00	-6.55	2.85
54	40	-331.97	3.83	71.02	-4.00	-15.79	0.78
	2	331.97	-3.83	-23.41	4.00	-31.43	3.05
55	40	-337.39	3.80	82.92	9.35	-55.61	0.77
	2	337.39	-3.80	-35.31	-9.35	-3.50	3.03
56	40	314.56	-4.56	145.82	1.42	104.76	-0.93
	2	-314.56	4.56	-98.21	-1.42	-226.78	-3.63
57	40	323.12	-5.03	156.55	12.06	72.19	-1.03
	2	-323.12	5.03	-108.94	-12.06	-204.94	-4.01
58	40	321.55	-4.78	145.24	0.06	108.39	-0.98
	2	-321.55	4.78	-97.63	-0.06	-229.82	-3.81
59	40	316.13	-4.81	157.14	13.41	68.56	-0.98
	2	-316.13	4.81	-109.53	-13.41	-201.89	-3.83
60	40	-107.40	1.26	86.95	-14.11	68.34	0.26
	2	107.40	-1.26	-39.34	14.11	-131.49	1.00
61	40	63.06	-0.66	105.43	-11.95	93.00	-0.14
	2	-63.06	0.66	-57.82	11.95	-174.62	-0.53
62	40	-120.20	1.59	85.06	-13.64	62.04	0.32
	2	120.20	-1.59	-37.45	13.64	-123.30	1.27
63	40	75.86	-0.99	107.32	-12.42	99.30	-0.20
	2	-75.86	0.99	-59.71	12.42	-182.81	-0.79
64	40	-78.90	-0.32	122.73	21.36	-40.22	-0.06
	2	78.90	0.32	-75.12	-21.36	-58.70	-0.25
65	40	91.57	-2.24	141.21	23.53	-15.57	-0.46
	2	-91.57	2.24	-93.60	-23.53	-101.84	-1.78
66	40	-91.69	0.01	120.84	21.83	-46.52	0.00
	2	91.69	-0.01	-73.23	-21.83	-50.51	0.01
67	40	104.36	-2.57	143.10	23.05	-9.27	-0.52
	2	-104.36	2.57	-95.49	-23.05	-110.03	-2.05
68	40	-84.12	0.53	85.01	-18.63	80.44	0.11
	2	84.12	-0.53	-37.40	18.63	-141.64	0.42
69	40	86.35	-1.40	103.49	-16.47	105.09	-0.29
	2	-86.35	1.40	-55.88	16.47	-184.78	-1.11
70	40	-96.91	0.86	83.11	-18.16	74.14	0.17
	2	96.91	-0.86	-35.50	18.16	-133.45	0.68
71	40	99.14	-1.73	105.38	-16.94	111.39	-0.35
	2	-99.14	1.73	-57.77	16.94	-192.97	-1.38
72	40	-102.18	0.42	124.67	25.88	-52.32	0.08
	2	102.18	-0.42	-77.06	-25.88	-48.55	0.33

	73	40	68.28	-1.51	143.15	28.04	-27.67	-0.31
		2	-68.28	1.51	-95.54	-28.04	-91.68	-1.20
	74	40	-114.98	0.75	122.78	26.35	-58.62	0.15
		2	114.98	-0.75	-75.17	-26.35	-40.35	0.60
	75	40	81.07	-1.84	145.04	27.57	-21.36	-0.37
		2	-81.07	1.84	-97.43	-27.57	-99.87	-1.46
59	1	2	-2.65	-0.36	-51.21	-0.95	83.89	-0.29
		41	2.65	0.36	70.21	0.95	-23.18	-0.07
	2	2	-4.55	-0.13	-4.42	-0.36	31.37	-0.10
		41	4.55	0.13	33.03	0.36	-12.65	-0.03
	3	2	-0.71	-0.04	-4.53	-0.09	7.01	-0.03
		41	0.71	0.04	4.53	0.09	-2.48	-0.01
	4	2	-0.82	-0.06	-8.92	-0.21	12.98	-0.05
		41	0.82	0.06	8.92	0.21	-4.06	-0.01
	5	2	-9.58	0.17	-1.71	-0.14	6.40	0.14
		41	9.58	-0.17	1.71	0.14	-4.69	0.03
	6	2	9.79	-0.17	1.85	0.14	-6.89	-0.13
		41	-9.79	0.17	-1.85	-0.14	5.04	-0.03
	7	2	-1.83	0.15	0.50	-0.46	6.28	0.12
		41	1.83	-0.15	-0.50	0.46	-6.78	0.03
	8	2	1.78	-0.14	-0.65	0.42	-5.87	-0.11
		41	-1.78	0.14	0.65	-0.42	6.53	-0.03
	9	2	-19.66	-0.58	-87.35	-2.11	175.86	-0.46
		41	19.66	0.58	149.24	2.11	-57.57	-0.12
	10	2	-2.23	-0.88	-84.14	-1.86	163.91	-0.70
		41	2.23	0.88	146.04	1.86	-48.82	-0.18
	11	2	-12.69	-0.60	-85.36	-2.40	175.76	-0.48
		41	12.69	0.60	147.25	2.40	-59.45	-0.12
	12	2	-9.44	-0.86	-86.40	-1.61	164.82	-0.69
		41	9.44	0.86	148.29	1.61	-47.48	-0.18
	13	2	-19.21	-0.57	-87.24	-2.13	175.08	-0.45
		41	19.21	0.57	149.13	2.13	-56.89	-0.12
	14	2	-1.78	-0.87	-84.04	-1.88	163.12	-0.70
		41	1.78	0.87	145.93	1.88	-48.14	-0.18
	15	2	-12.23	-0.59	-85.25	-2.42	174.97	-0.47
		41	12.23	0.59	147.14	2.42	-58.78	-0.12
	16	2	-8.99	-0.85	-86.29	-1.63	164.04	-0.68
		41	8.99	0.85	148.19	1.63	-46.80	-0.17
	17	2	-24.35	-0.43	-81.57	-2.06	169.18	-0.34
		41	24.35	0.43	143.46	2.06	-56.66	-0.09
	18	2	4.70	-0.93	-76.24	-1.64	149.25	-0.74
		41	-4.70	0.93	138.13	1.64	-42.07	-0.19
	19	2	-12.72	-0.46	-78.26	-2.55	169.00	-0.37
		41	12.72	0.46	140.15	2.55	-59.80	-0.09
	20	2	-7.31	-0.89	-79.99	-1.23	150.78	-0.71
		41	7.31	0.89	141.89	1.23	-39.84	-0.18
	21	2	-14.07	-0.45	-65.65	-1.58	132.61	-0.36
		41	14.07	0.45	113.26	1.58	-43.16	-0.09
	22	2	-2.45	-0.65	-63.51	-1.41	124.64	-0.52

	41	2.45	0.65	111.12	1.41	-37.32	-0.13
23	2	-9.42	-0.47	-64.32	-1.78	132.54	-0.37
	41	9.42	0.47	111.93	1.78	-44.41	-0.10
24	2	-7.25	-0.64	-65.02	-1.25	125.25	-0.51
	41	7.25	0.64	112.63	1.25	-36.43	-0.13
25	2	-13.77	-0.45	-65.58	-1.60	132.09	-0.36
	41	13.77	0.45	113.19	1.60	-42.71	-0.09
26	2	-2.15	-0.65	-63.44	-1.43	124.12	-0.52
	41	2.15	0.65	111.05	1.43	-36.87	-0.13
27	2	-9.12	-0.46	-64.25	-1.79	132.02	-0.37
	41	9.12	0.46	111.86	1.79	-43.96	-0.09
28	2	-6.95	-0.63	-64.95	-1.26	124.73	-0.50
	41	6.95	0.63	112.56	1.26	-35.98	-0.13
29	2	-17.19	-0.35	-61.80	-1.55	128.16	-0.28
	41	17.19	0.35	109.41	1.55	-42.55	-0.07
30	2	2.18	-0.69	-58.24	-1.27	114.87	-0.55
	41	-2.18	0.69	105.85	1.27	-32.82	-0.14
31	2	-9.44	-0.37	-59.59	-1.87	128.04	-0.30
	41	9.44	0.37	107.20	1.87	-44.64	-0.08
32	2	-5.84	-0.66	-60.75	-1.00	115.89	-0.53
	41	5.84	0.66	108.36	1.00	-31.34	-0.13
33	2	-7.20	-0.49	-55.63	-1.31	115.27	-0.39
	41	7.20	0.49	103.24	1.31	-35.83	-0.10
34	2	-7.37	-0.50	-57.41	-1.35	117.87	-0.40
	41	7.37	0.50	105.02	1.35	-36.65	-0.10
35	2	-9.12	-0.46	-55.97	-1.34	116.55	-0.36
	41	9.12	0.46	103.58	1.34	-36.77	-0.09
36	2	-5.24	-0.52	-55.26	-1.28	113.89	-0.42
	41	5.24	0.52	102.87	1.28	-34.83	-0.11
37	2	-7.57	-0.46	-55.53	-1.40	116.52	-0.37
	41	7.57	0.46	103.14	1.40	-37.19	-0.09
38	2	-6.85	-0.52	-55.76	-1.23	114.09	-0.41
	41	6.85	0.52	103.37	1.23	-34.53	-0.11
39	2	-7.20	-0.49	-55.63	-1.31	115.27	-0.39
	41	7.20	0.49	103.24	1.31	-35.83	-0.10
40	2	-195.45	3.20	-40.42	-3.17	154.45	2.55
	41	195.45	-3.20	40.42	3.17	-114.04	0.65
41	2	-224.34	4.30	-43.55	-3.75	161.85	3.43
	41	224.34	-4.30	43.55	3.75	-118.30	0.87
42	2	-21.64	0.79	17.39	-3.41	16.02	0.63
	41	21.64	-0.79	-17.39	3.41	-33.41	0.16
43	2	-6.16	0.05	22.54	-6.14	5.32	0.04
	41	6.16	-0.05	-22.54	6.14	-27.86	0.01
44	2	-209.15	2.94	-90.83	-5.50	274.53	2.35
	41	209.15	-2.94	138.44	5.50	-159.89	0.60
45	2	-196.16	2.47	-101.27	-3.46	264.92	1.97
	41	196.16	-2.47	148.88	3.46	-139.85	0.50
46	2	-204.50	2.72	-89.29	-6.32	271.32	2.17
	41	204.50	-2.72	136.90	6.32	-158.23	0.55
47	2	-200.81	2.69	-102.81	-2.64	268.13	2.14

	41	200.81	-2.69	150.42	2.64	-141.51	0.54
48	2	181.76	-3.45	-9.99	0.84	-34.38	-2.75
	41	-181.76	3.45	57.60	-0.84	68.18	-0.70
49	2	194.74	-3.92	-20.43	2.89	-43.99	-3.13
	41	-194.74	3.92	68.04	-2.89	88.23	-0.80
50	2	186.41	-3.67	-8.45	0.02	-37.59	-2.92
	41	-186.41	3.67	56.06	-0.02	69.84	-0.74
51	2	190.10	-3.70	-21.97	3.70	-40.78	-2.95
	41	-190.10	3.70	69.58	-3.70	86.56	-0.75
52	2	-238.03	4.04	-93.96	-6.08	281.92	3.22
	41	238.03	-4.04	141.57	6.08	-164.16	0.82
53	2	-225.05	3.57	-104.39	-4.03	272.31	2.85
	41	225.05	-3.57	152.00	4.03	-144.11	0.72
54	2	-233.39	3.82	-92.41	-6.90	278.71	3.05
	41	233.39	-3.82	140.02	6.90	-162.49	0.77
55	2	-229.69	3.79	-105.94	-3.21	275.52	3.02
	41	229.69	-3.79	153.55	3.21	-145.78	0.77
56	2	210.64	-4.55	-6.87	1.41	-41.77	-3.63
	41	-210.64	4.55	54.48	-1.41	72.44	-0.92
57	2	223.63	-5.02	-17.30	3.46	-51.39	-4.00
	41	-223.63	5.02	64.91	-3.46	92.49	-1.02
58	2	215.29	-4.77	-5.32	0.60	-44.98	-3.80
	41	-215.29	4.77	52.93	-0.60	74.11	-0.97
59	2	218.98	-4.80	-18.85	4.28	-48.18	-3.83
	41	-218.98	4.80	66.46	-4.28	90.83	-0.97
60	2	-87.48	1.26	-50.36	-5.67	177.63	1.00
	41	87.48	-1.26	97.97	5.67	-103.46	0.25
61	2	29.80	-0.66	-26.11	-3.77	84.96	-0.53
	41	-29.80	0.66	73.72	3.77	-35.04	-0.13
62	2	-96.14	1.59	-51.30	-5.84	179.85	1.27
	41	96.14	-1.59	98.91	5.84	-104.74	0.32
63	2	38.46	-0.99	-25.17	-3.60	82.74	-0.79
	41	-38.46	0.99	72.78	3.60	-33.76	-0.20
64	2	-44.20	-0.32	-85.15	1.15	145.58	-0.25
	41	44.20	0.32	132.76	-1.15	-36.63	-0.07
65	2	73.07	-2.24	-60.90	3.05	52.91	-1.78
	41	-73.07	2.24	108.51	-3.05	31.79	-0.45
66	2	-52.86	0.01	-86.09	0.98	147.80	0.01
	41	52.86	-0.01	133.70	-0.98	-37.91	0.00
67	2	81.74	-2.57	-59.96	3.23	50.69	-2.05
	41	-81.74	2.57	107.57	-3.23	33.07	-0.52
68	2	-71.99	0.52	-45.22	-8.40	166.92	0.42
	41	71.99	-0.52	92.83	8.40	-97.90	0.11
69	2	45.28	-1.39	-20.96	-6.50	74.25	-1.11
	41	-45.28	1.39	68.57	6.50	-29.48	-0.28
70	2	-80.66	0.85	-46.15	-8.57	169.14	0.68
	41	80.66	-0.85	93.76	8.57	-99.18	0.17
71	2	53.94	-1.72	-20.03	-6.32	72.03	-1.37
	41	-53.94	1.72	67.64	6.32	-28.20	-0.35
72	2	-59.68	0.41	-90.30	3.88	156.29	0.33

		41	59.68	-0.41	137.91	-3.88	-42.19	0.08
73		2	57.59	-1.50	-66.04	5.78	63.61	-1.20
		41	-57.59	1.50	113.65	-5.78	26.24	-0.31
74		2	-68.35	0.74	-91.23	3.71	158.51	0.59
		41	68.35	-0.74	138.84	-3.71	-43.47	0.15
75		2	66.25	-1.83	-65.11	5.95	61.40	-1.46
		41	-66.25	1.83	112.72	-5.95	27.51	-0.37
60	1	41	-2.65	0.09	-27.05	-0.95	23.18	0.07
		42	2.65	-0.09	47.95	0.95	18.07	0.02
	2	41	-4.55	0.03	4.54	-0.36	12.65	0.03
		42	4.55	-0.03	26.93	0.36	-0.34	0.01
	3	41	-0.71	0.01	-2.83	-0.09	2.48	0.01
		42	0.71	-0.01	2.83	0.09	0.63	0.00
	4	41	-0.82	0.01	-5.57	-0.21	4.06	0.01
		42	0.82	-0.01	5.57	0.21	2.07	0.00
	5	41	-9.58	-0.04	-1.82	-0.14	4.69	-0.03
		42	9.58	0.04	1.82	0.14	-2.68	-0.01
	6	41	9.79	0.04	1.94	0.14	-5.04	0.03
		42	-9.79	-0.04	-1.94	-0.14	2.90	0.01
	7	41	-1.83	-0.03	-0.14	-0.46	6.78	-0.03
		42	1.83	0.03	0.14	0.46	-6.63	-0.01
	8	41	1.78	0.03	0.03	0.42	-6.53	0.03
		42	-1.78	-0.03	-0.03	-0.42	6.49	0.01
	9	41	-19.66	0.14	-39.32	-2.11	57.57	0.12
		42	19.66	-0.14	107.41	2.11	23.13	0.03
	10	41	-2.23	0.21	-35.93	-1.86	48.82	0.18
		42	2.23	-0.21	104.02	1.86	28.16	0.05
	11	41	-12.69	0.14	-37.81	-2.40	59.45	0.12
		42	12.69	-0.14	105.89	2.40	19.58	0.03
	12	41	-9.44	0.20	-37.65	-1.61	47.48	0.18
		42	9.44	-0.20	105.73	1.61	31.39	0.05
	13	41	-19.21	0.14	-39.26	-2.13	56.89	0.12
		42	19.21	-0.14	107.35	2.13	23.74	0.03
	14	41	-1.78	0.21	-35.87	-1.88	48.14	0.18
		42	1.78	-0.21	103.96	1.88	28.77	0.05
	15	41	-12.23	0.14	-37.75	-2.42	58.78	0.12
		42	12.23	-0.14	105.83	2.42	20.19	0.03
	16	41	-8.99	0.20	-37.59	-1.63	46.80	0.17
		42	8.99	-0.20	105.67	1.63	32.00	0.05
	17	41	-24.35	0.10	-36.18	-2.06	56.66	0.09
		42	24.35	-0.10	104.26	2.06	20.58	0.02
	18	41	4.70	0.22	-30.53	-1.64	42.07	0.19
		42	-4.70	-0.22	98.61	1.64	28.96	0.05
	19	41	-12.72	0.11	-33.65	-2.55	59.80	0.09
		42	12.72	-0.11	101.73	2.55	14.66	0.03
	20	41	-7.31	0.21	-33.40	-1.23	39.84	0.18
		42	7.31	-0.21	101.48	1.23	34.34	0.05
	21	41	-14.07	0.11	-29.22	-1.58	43.16	0.09
		42	14.07	-0.11	81.59	1.58	17.78	0.03

22	41	-2.45	0.15	-26.96	-1.41	37.32	0.13
	42	2.45	-0.15	79.33	1.41	21.14	0.04
23	41	-9.42	0.11	-28.21	-1.78	44.41	0.10
	42	9.42	-0.11	80.58	1.78	15.42	0.03
24	41	-7.25	0.15	-28.10	-1.25	36.43	0.13
	42	7.25	-0.15	80.47	1.25	23.29	0.04
25	41	-13.77	0.11	-29.18	-1.60	42.71	0.09
	42	13.77	-0.11	81.55	1.60	18.19	0.03
26	41	-2.15	0.15	-26.92	-1.43	36.87	0.13
	42	2.15	-0.15	79.29	1.43	21.54	0.04
27	41	-9.12	0.11	-28.17	-1.79	43.96	0.09
	42	9.12	-0.11	80.54	1.79	15.82	0.03
28	41	-6.95	0.15	-28.06	-1.26	35.98	0.13
	42	6.95	-0.15	80.43	1.26	23.70	0.03
29	41	-17.19	0.08	-27.12	-1.55	42.55	0.07
	42	17.19	-0.08	79.49	1.55	16.09	0.02
30	41	2.18	0.16	-23.36	-1.27	32.82	0.14
	42	-2.18	-0.16	75.73	1.27	21.67	0.04
31	41	-9.44	0.09	-25.44	-1.87	44.64	0.08
	42	9.44	-0.09	77.81	1.87	12.14	0.02
32	41	-5.84	0.16	-25.27	-1.00	31.34	0.13
	42	5.84	-0.16	77.64	1.00	25.26	0.04
33	41	-7.20	0.12	-22.51	-1.31	35.83	0.10
	42	7.20	-0.12	74.88	1.31	17.73	0.03
34	41	-7.37	0.12	-23.63	-1.35	36.65	0.10
	42	7.37	-0.12	76.00	1.35	18.15	0.03
35	41	-9.12	0.11	-22.88	-1.34	36.77	0.09
	42	9.12	-0.11	75.25	1.34	17.20	0.03
36	41	-5.24	0.12	-22.12	-1.28	34.83	0.11
	42	5.24	-0.12	74.50	1.28	18.32	0.03
37	41	-7.57	0.11	-22.54	-1.40	37.19	0.09
	42	7.57	-0.11	74.91	1.40	16.41	0.03
38	41	-6.85	0.12	-22.51	-1.23	34.53	0.11
	42	6.85	-0.12	74.88	1.23	19.03	0.03
39	41	-7.20	0.12	-22.51	-1.31	35.83	0.10
	42	7.20	-0.12	74.88	1.31	17.73	0.03
40	41	-195.45	-0.73	-42.07	-3.17	114.04	-0.65
	42	195.45	0.73	42.07	3.17	-67.76	-0.16
41	41	-224.34	-0.98	-45.49	-3.75	118.30	-0.87
	42	224.34	0.98	45.49	3.75	-68.26	-0.21
42	41	-21.64	-0.18	9.57	-3.41	33.41	-0.16
	42	21.64	0.18	-9.57	3.41	-43.94	-0.04
43	41	-6.16	-0.01	13.59	-6.14	27.86	-0.01
	42	6.16	0.01	-13.59	6.14	-42.81	0.00
44	41	-209.15	-0.67	-61.71	-5.50	159.89	-0.60
	42	209.15	0.67	114.08	5.50	-63.20	-0.14
45	41	-196.16	-0.56	-67.45	-3.46	139.85	-0.50
	42	196.16	0.56	119.82	3.46	-36.84	-0.12
46	41	-204.50	-0.62	-60.51	-6.32	158.23	-0.55
	42	204.50	0.62	112.88	6.32	-62.87	-0.13

47	41	-200.81	-0.61	-68.66	-2.64	141.51	-0.54
	42	200.81	0.61	121.03	2.64	-37.18	-0.13
48	41	181.76	0.79	22.43	0.84	-68.18	0.70
	42	-181.76	-0.79	29.94	-0.84	72.31	0.17
49	41	194.74	0.90	16.69	2.89	-88.23	0.80
	42	-194.74	-0.90	35.68	-2.89	98.67	0.19
50	41	186.41	0.84	23.64	0.02	-69.84	0.74
	42	-186.41	-0.84	28.74	-0.02	72.65	0.18
51	41	190.10	0.85	15.48	3.70	-86.56	0.75
	42	-190.10	-0.85	36.89	-3.70	98.34	0.18
52	41	-238.03	-0.92	-65.13	-6.08	164.16	-0.82
	42	238.03	0.92	117.50	6.08	-63.71	-0.20
53	41	-225.05	-0.81	-70.87	-4.03	144.11	-0.72
	42	225.05	0.81	123.24	4.03	-37.35	-0.17
54	41	-233.39	-0.87	-63.92	-6.90	162.49	-0.77
	42	233.39	0.87	116.30	6.90	-63.37	-0.19
55	41	-229.69	-0.86	-72.08	-3.21	145.78	-0.77
	42	229.69	0.86	124.45	3.21	-37.69	-0.18
56	41	210.64	1.05	25.85	1.41	-72.44	0.92
	42	-210.64	-1.05	26.52	-1.41	72.82	0.23
57	41	223.63	1.15	20.11	3.46	-92.49	1.02
	42	-223.63	-1.15	32.26	-3.46	99.18	0.25
58	41	215.29	1.10	27.05	0.60	-74.11	0.97
	42	-215.29	-1.10	25.32	-0.60	73.15	0.24
59	41	218.98	1.10	18.90	4.28	-90.83	0.97
	42	-218.98	-1.10	33.47	-4.28	98.84	0.24
60	41	-87.48	-0.28	-25.57	-5.67	103.46	-0.25
	42	87.48	0.28	77.94	5.67	-46.53	-0.06
61	41	29.80	0.15	-0.33	-3.77	35.04	0.13
	42	-29.80	-0.15	52.70	3.77	-5.88	0.03
62	41	-96.14	-0.36	-26.59	-5.84	104.74	-0.32
	42	96.14	0.36	78.97	5.84	-46.68	-0.08
63	41	38.46	0.23	0.70	-3.60	33.76	0.20
	42	-38.46	-0.23	51.67	3.60	-5.72	0.05
64	41	-44.20	0.08	-44.70	1.15	36.63	0.07
	42	44.20	-0.08	97.07	-1.15	41.34	0.02
65	41	73.07	0.52	-19.46	3.05	-31.79	0.45
	42	-73.07	-0.52	71.83	-3.05	82.00	0.11
66	41	-52.86	0.00	-45.73	0.98	37.91	0.00
	42	52.86	0.00	98.10	-0.98	41.19	0.00
67	41	81.74	0.59	-18.43	3.23	-33.07	0.52
	42	-81.74	-0.59	70.80	-3.23	82.15	0.13
68	41	-71.99	-0.12	-21.54	-8.40	97.90	-0.11
	42	71.99	0.12	73.91	8.40	-45.40	-0.02
69	41	45.28	0.32	3.70	-6.50	29.48	0.28
	42	-45.28	-0.32	48.67	6.50	-4.75	0.07
70	41	-80.66	-0.19	-22.57	-8.57	99.18	-0.17
	42	80.66	0.19	74.94	8.57	-45.55	-0.04
71	41	53.94	0.40	4.73	-6.32	28.20	0.35
	42	-53.94	-0.40	47.64	6.32	-4.60	0.09

	72	41	-59.68	-0.09	-48.73	3.88	42.19	-0.08
		42	59.68	0.09	101.10	-3.88	40.22	-0.02
	73	41	57.59	0.35	-23.48	5.78	-26.24	0.31
		42	-57.59	-0.35	75.86	-5.78	80.87	0.08
	74	41	-68.35	-0.17	-49.75	3.71	43.47	-0.15
		42	68.35	0.17	102.12	-3.71	40.07	-0.03
	75	41	66.25	0.43	-22.46	5.95	-27.51	0.37
		42	-66.25	-0.43	74.83	-5.95	81.02	0.10
61	1	42	-2.65	-0.02	-4.96	-0.95	-18.07	-0.02
		43	2.65	0.02	25.86	0.95	35.02	-0.01
	2	42	-4.55	-0.01	10.71	-0.36	0.34	-0.01
		43	4.55	0.01	20.76	0.36	5.19	0.00
	3	42	-0.71	0.00	-1.12	-0.09	-0.63	0.00
		43	0.71	0.00	1.12	0.09	1.85	0.00
	4	42	-0.82	0.00	-2.23	-0.21	-2.07	0.00
		43	0.82	0.00	2.23	0.21	4.52	0.00
	5	42	-9.58	0.01	-1.91	-0.14	2.68	0.01
		43	9.58	-0.01	1.91	0.14	-0.58	0.00
	6	42	9.79	-0.01	2.01	0.14	-2.90	-0.01
		43	-9.79	0.01	-2.01	-0.14	0.70	0.00
	7	42	-1.83	0.01	-0.69	-0.46	6.63	0.01
		43	1.83	-0.01	0.69	0.46	-5.86	0.00
	8	42	1.78	-0.01	0.64	0.42	-6.49	-0.01
		43	-1.78	0.01	-0.64	-0.42	5.79	0.00
	9	42	-19.66	-0.04	2.41	-2.11	-23.13	-0.03
		43	19.66	0.04	65.68	2.11	57.93	-0.01
	10	42	-2.23	-0.05	5.93	-1.86	-28.16	-0.05
		43	2.23	0.05	62.15	1.86	59.07	-0.01
	11	42	-12.69	-0.04	3.50	-2.40	-19.58	-0.03
		43	12.69	0.04	64.58	2.40	53.17	-0.01
	12	42	-9.44	-0.06	4.70	-1.61	-31.39	-0.05
		43	9.44	0.06	63.38	1.61	63.66	-0.01
	13	42	-19.21	-0.04	2.41	-2.13	-23.74	-0.03
		43	19.21	0.04	65.68	2.13	58.54	-0.01
	14	42	-1.78	-0.05	5.93	-1.88	-28.77	-0.05
		43	1.78	0.05	62.15	1.88	59.68	-0.01
	15	42	-12.23	-0.04	3.51	-2.42	-20.19	-0.03
		43	12.23	0.04	64.58	2.42	53.78	-0.01
	16	42	-8.99	-0.05	4.71	-1.63	-32.00	-0.05
		43	8.99	0.05	63.38	1.63	64.27	-0.01
	17	42	-24.35	-0.03	2.93	-2.06	-20.58	-0.02
		43	24.35	0.03	65.15	2.06	54.80	-0.01
	18	42	4.70	-0.05	8.81	-1.64	-28.96	-0.05
		43	-4.70	0.05	59.27	1.64	56.71	-0.01
	19	42	-12.72	-0.03	4.76	-2.55	-14.66	-0.03
		43	12.72	0.03	63.32	2.55	46.87	-0.01
	20	42	-7.31	-0.06	6.76	-1.23	-34.34	-0.05
		43	7.31	0.06	61.32	1.23	64.35	-0.01
	21	42	-14.07	-0.03	2.37	-1.58	-17.78	-0.03

	43	14.07	0.03	50.00	1.58	43.98	-0.01
22	42	-2.45	-0.04	4.72	-1.41	-21.14	-0.04
	43	2.45	0.04	47.65	1.41	44.74	-0.01
23	42	-9.42	-0.03	3.10	-1.78	-15.42	-0.03
	43	9.42	0.03	49.27	1.78	40.81	-0.01
24	42	-7.25	-0.04	3.90	-1.25	-23.29	-0.04
	43	7.25	0.04	48.47	1.25	47.80	-0.01
25	42	-13.77	-0.03	2.37	-1.60	-18.19	-0.03
	43	13.77	0.03	50.00	1.60	44.39	-0.01
26	42	-2.15	-0.04	4.72	-1.43	-21.54	-0.04
	43	2.15	0.04	47.65	1.43	45.15	-0.01
27	42	-9.12	-0.03	3.10	-1.79	-15.82	-0.03
	43	9.12	0.03	49.27	1.79	41.21	-0.01
28	42	-6.95	-0.04	3.90	-1.26	-23.70	-0.03
	43	6.95	0.04	48.47	1.26	48.21	-0.01
29	42	-17.19	-0.03	2.72	-1.55	-16.09	-0.02
	43	17.19	0.03	49.65	1.55	41.90	-0.01
30	42	2.18	-0.04	6.64	-1.27	-21.67	-0.04
	43	-2.18	0.04	45.73	1.27	43.17	-0.01
31	42	-9.44	-0.03	3.94	-1.87	-12.14	-0.02
	43	9.44	0.03	48.43	1.87	36.61	-0.01
32	42	-5.84	-0.04	5.28	-1.00	-25.26	-0.04
	43	5.84	0.04	47.10	1.00	48.26	-0.01
33	42	-7.20	-0.03	5.75	-1.31	-17.73	-0.03
	43	7.20	0.03	46.62	1.31	40.21	-0.01
34	42	-7.37	-0.03	5.31	-1.35	-18.15	-0.03
	43	7.37	0.03	47.07	1.35	41.12	-0.01
35	42	-9.12	-0.03	5.37	-1.34	-17.20	-0.03
	43	9.12	0.03	47.00	1.34	40.10	-0.01
36	42	-5.24	-0.03	6.15	-1.28	-18.32	-0.03
	43	5.24	0.03	46.22	1.28	40.35	-0.01
37	42	-7.57	-0.03	5.61	-1.40	-16.41	-0.03
	43	7.57	0.03	46.76	1.40	39.04	-0.01
38	42	-6.85	-0.03	5.88	-1.23	-19.03	-0.03
	43	6.85	0.03	46.49	1.23	41.37	-0.01
39	42	-7.20	-0.03	5.75	-1.31	-17.73	-0.03
	43	7.20	0.03	46.62	1.31	40.21	-0.01
40	42	-195.45	0.12	-43.20	-3.17	67.76	0.16
	43	195.45	-0.12	43.20	3.17	-20.24	-0.02
41	42	-224.34	0.17	-46.87	-3.75	68.26	0.21
	43	224.34	-0.17	46.87	3.75	-16.70	-0.02
42	42	-21.64	0.03	2.33	-3.41	43.94	0.04
	43	21.64	-0.03	-2.33	3.41	-46.50	0.00
43	42	-6.16	0.01	5.48	-6.14	42.81	0.00
	43	6.16	-0.01	-5.48	6.14	-48.84	0.01
44	42	-209.15	0.10	-36.75	-5.50	63.20	0.14
	43	209.15	-0.10	89.12	5.50	6.02	-0.03
45	42	-196.16	0.08	-38.14	-3.46	36.84	0.12
	43	196.16	-0.08	90.51	3.46	33.92	-0.03
46	42	-204.50	0.09	-35.80	-6.32	62.87	0.13

	43	204.50	-0.09	88.17	6.32	5.32	-0.03
47	42	-200.81	0.09	-39.09	-2.64	37.18	0.13
	43	200.81	-0.09	91.46	2.64	34.62	-0.03
48	42	181.76	-0.14	49.65	0.84	-72.31	-0.17
	43	-181.76	0.14	2.72	-0.84	46.50	0.01
49	42	194.74	-0.16	48.25	2.89	-98.67	-0.19
	43	-194.74	0.16	4.12	-2.89	74.40	0.02
50	42	186.41	-0.15	50.59	0.02	-72.65	-0.18
	43	-186.41	0.15	1.78	-0.02	45.80	0.02
51	42	190.10	-0.16	47.31	3.70	-98.34	-0.18
	43	-190.10	0.16	5.07	-3.70	75.10	0.01
52	42	-238.03	0.15	-40.42	-6.08	63.71	0.20
	43	238.03	-0.15	92.79	6.08	9.56	-0.03
53	42	-225.05	0.13	-41.82	-4.03	37.35	0.17
	43	225.05	-0.13	94.19	4.03	37.46	-0.03
54	42	-233.39	0.14	-39.48	-6.90	63.37	0.19
	43	233.39	-0.14	91.85	6.90	8.86	-0.03
55	42	-229.69	0.13	-42.76	-3.21	37.69	0.18
	43	229.69	-0.13	95.14	3.21	38.16	-0.04
56	42	210.64	-0.19	53.32	1.41	-72.82	-0.23
	43	-210.64	0.19	-0.95	-1.41	42.97	0.02
57	42	223.63	-0.21	51.93	3.46	-99.18	-0.25
	43	-223.63	0.21	0.45	-3.46	70.86	0.02
58	42	215.29	-0.20	54.27	0.60	-73.15	-0.24
	43	-215.29	0.20	-1.90	-0.60	42.26	0.02
59	42	218.98	-0.21	50.98	4.28	-98.84	-0.24
	43	-218.98	0.21	1.39	-4.28	71.57	0.01
60	42	-87.48	0.04	-4.88	-5.67	46.53	0.06
	43	87.48	-0.04	57.25	5.67	-12.36	-0.02
61	42	29.80	-0.03	21.04	-3.77	5.88	-0.03
	43	-29.80	0.03	31.33	3.77	-0.21	0.00
62	42	-96.14	0.05	-5.98	-5.84	46.68	0.08
	43	96.14	-0.05	58.35	5.84	-11.30	-0.02
63	42	38.46	-0.05	22.14	-3.60	5.72	-0.05
	43	-38.46	0.05	30.23	3.60	-1.28	0.00
64	42	-44.20	-0.03	-9.54	1.15	-41.34	-0.02
	43	44.20	0.03	61.91	-1.15	80.64	-0.01
65	42	73.07	-0.10	16.38	3.05	-82.00	-0.11
	43	-73.07	0.10	35.99	-3.05	92.78	0.00
66	42	-52.86	-0.02	-10.64	0.98	-41.19	0.00
	43	52.86	0.02	63.01	-0.98	81.70	-0.01
67	42	81.74	-0.12	17.49	3.23	-82.15	-0.13
	43	-81.74	0.12	34.89	-3.23	91.72	0.00
68	42	-71.99	0.02	-1.73	-8.40	45.40	0.02
	43	71.99	-0.02	54.10	8.40	-14.70	-0.01
69	42	45.28	-0.06	24.19	-6.50	4.75	-0.07
	43	-45.28	0.06	28.18	6.50	-2.55	0.01
70	42	-80.66	0.03	-2.83	-8.57	45.55	0.04
	43	80.66	-0.03	55.20	8.57	-13.64	-0.01
71	42	53.94	-0.07	25.29	-6.32	4.60	-0.09

		43	-53.94	0.07	27.08	6.32	-3.61	0.01
72		42	-59.68	-0.01	-12.69	3.88	-40.22	0.02
		43	59.68	0.01	65.06	-3.88	82.98	-0.02
73		42	57.59	-0.08	13.23	5.78	-80.87	-0.08
		43	-57.59	0.08	39.14	-5.78	95.12	-0.01
74		42	-68.35	0.01	-13.79	3.71	-40.07	0.03
		43	68.35	-0.01	66.16	-3.71	84.04	-0.02
75		42	66.25	-0.09	14.34	5.95	-81.02	-0.10
		43	-66.25	0.09	38.04	-5.95	94.06	-0.01
62	1	43	-2.65	0.01	17.02	-0.95	-35.02	0.01
		44	2.65	-0.01	3.88	0.95	27.79	0.00
	2	43	-4.55	0.00	16.94	-0.36	-5.19	0.00
		44	4.55	0.00	14.53	0.36	3.87	0.00
	3	43	-0.71	0.00	0.60	-0.09	-1.85	0.00
		44	0.71	0.00	-0.60	0.09	1.20	0.00
	4	43	-0.82	0.00	1.10	-0.21	-4.52	0.00
		44	0.82	0.00	-1.10	0.21	3.31	0.00
	5	43	-9.58	0.01	-1.99	-0.14	0.58	0.00
		44	9.58	-0.01	1.99	0.14	1.61	0.01
	6	43	9.79	-0.01	2.05	0.14	-0.70	0.00
		44	-9.79	0.01	-2.05	-0.14	-1.56	-0.01
	7	43	-1.83	0.00	-1.20	-0.46	5.86	0.00
		44	1.83	0.00	1.20	0.46	-4.55	0.00
	8	43	1.78	0.00	1.19	0.42	-5.79	0.00
		44	-1.78	0.00	-1.19	-0.42	4.48	0.00
	9	43	-19.66	0.03	44.07	-2.11	-57.93	0.01
		44	19.66	-0.03	24.01	2.11	46.90	0.02
	10	43	-2.23	0.01	47.71	-1.86	-59.07	0.01
		44	2.23	-0.01	20.37	1.86	44.04	0.00
	11	43	-12.69	0.02	44.78	-2.40	-53.17	0.01
		44	12.69	-0.02	23.30	2.40	41.35	0.01
	12	43	-9.44	0.02	46.93	-1.61	-63.66	0.01
		44	9.44	-0.02	21.15	1.61	49.47	0.01
	13	43	-19.21	0.03	44.00	-2.13	-58.54	0.01
		44	19.21	-0.03	24.08	2.13	47.58	0.02
	14	43	-1.78	0.01	47.64	-1.88	-59.68	0.01
		44	1.78	-0.01	20.44	1.88	44.73	0.00
	15	43	-12.23	0.02	44.72	-2.42	-53.78	0.01
		44	12.23	-0.02	23.37	2.42	42.04	0.01
	16	43	-8.99	0.02	46.87	-1.63	-64.27	0.01
		44	8.99	-0.02	21.22	1.63	50.16	0.01
	17	43	-24.35	0.04	41.98	-2.06	-54.80	0.01
		44	24.35	-0.04	26.10	2.06	46.06	0.03
	18	43	4.70	0.00	48.05	-1.64	-56.71	0.01
		44	-4.70	0.00	20.04	1.64	41.31	-0.01
	19	43	-12.72	0.02	43.17	-2.55	-46.87	0.01
		44	12.72	-0.02	24.91	2.55	36.82	0.01
	20	43	-7.31	0.02	46.76	-1.23	-64.35	0.01
		44	7.31	-0.02	21.33	1.23	50.36	0.01

21	43	-14.07	0.02	33.91	-1.58	-43.98	0.01
	44	14.07	-0.02	18.46	1.58	35.49	0.01
22	43	-2.45	0.01	36.33	-1.41	-44.74	0.01
	44	2.45	-0.01	16.04	1.41	33.58	0.00
23	43	-9.42	0.01	34.38	-1.78	-40.81	0.01
	44	9.42	-0.01	17.99	1.78	31.79	0.01
24	43	-7.25	0.01	35.82	-1.25	-47.80	0.01
	44	7.25	-0.01	16.55	1.25	37.20	0.01
25	43	-13.77	0.02	33.86	-1.60	-44.39	0.01
	44	13.77	-0.02	18.51	1.60	35.94	0.01
26	43	-2.15	0.01	36.29	-1.43	-45.15	0.01
	44	2.15	-0.01	16.08	1.43	34.04	0.00
27	43	-9.12	0.01	34.34	-1.79	-41.21	0.01
	44	9.12	-0.01	18.03	1.79	32.25	0.01
28	43	-6.95	0.01	35.77	-1.26	-48.21	0.01
	44	6.95	-0.01	16.60	1.26	37.66	0.01
29	43	-17.19	0.03	32.52	-1.55	-41.90	0.01
	44	17.19	-0.03	19.85	1.55	34.93	0.02
30	43	2.18	0.00	36.56	-1.27	-43.17	0.01
	44	-2.18	0.00	15.81	1.27	31.76	-0.01
31	43	-9.44	0.01	33.31	-1.87	-36.61	0.01
	44	9.44	-0.01	19.06	1.87	28.77	0.01
32	43	-5.84	0.01	35.70	-1.00	-48.26	0.01
	44	5.84	-0.01	16.67	1.00	37.80	0.00
33	43	-7.20	0.01	33.96	-1.31	-40.21	0.01
	44	7.20	-0.01	18.41	1.31	31.66	0.01
34	43	-7.37	0.01	34.18	-1.35	-41.12	0.01
	44	7.37	-0.01	18.19	1.35	32.32	0.01
35	43	-9.12	0.01	33.56	-1.34	-40.10	0.01
	44	9.12	-0.01	18.81	1.34	31.98	0.01
36	43	-5.24	0.01	34.37	-1.28	-40.35	0.01
	44	5.24	-0.01	18.00	1.28	31.35	0.00
37	43	-7.57	0.01	33.72	-1.40	-39.04	0.01
	44	7.57	-0.01	18.65	1.40	30.75	0.01
38	43	-6.85	0.01	34.20	-1.23	-41.37	0.01
	44	6.85	-0.01	18.17	1.23	32.56	0.01
39	43	-7.20	0.01	33.96	-1.31	-40.21	0.01
	44	7.20	-0.01	18.41	1.31	31.66	0.01
40	43	-195.45	0.25	-44.08	-3.17	20.24	0.02
	44	195.45	-0.25	44.08	3.17	28.24	0.25
41	43	-224.34	0.31	-47.98	-3.75	16.70	0.02
	44	224.34	-0.31	47.98	3.75	36.07	0.31
42	43	-21.64	0.04	-4.50	-3.41	46.50	0.00
	44	21.64	-0.04	4.50	3.41	-41.55	0.05
43	43	-6.16	-0.03	-1.98	-6.14	48.84	-0.01
	44	6.16	0.03	1.98	6.14	-46.66	-0.02
44	43	-209.15	0.27	-11.47	-5.50	-6.02	0.03
	44	209.15	-0.27	63.84	5.50	47.44	0.27
45	43	-196.16	0.25	-8.77	-3.46	-33.92	0.03
	44	196.16	-0.25	61.14	3.46	72.37	0.24

46	43	-204.50	0.25	-10.71	-6.32	-5.32	0.03
	44	204.50	-0.25	63.08	6.32	45.91	0.25
47	43	-200.81	0.27	-9.53	-2.64	-34.62	0.03
	44	200.81	-0.27	61.90	2.64	73.90	0.26
48	43	181.76	-0.22	76.69	0.84	-46.50	-0.01
	44	-181.76	0.22	-24.31	-0.84	-9.05	-0.23
49	43	194.74	-0.25	79.38	2.89	-74.40	-0.02
	44	-194.74	0.25	-27.01	-2.89	15.88	-0.26
50	43	186.41	-0.24	77.44	0.02	-45.80	-0.02
	44	-186.41	0.24	-25.07	-0.02	-10.58	-0.25
51	43	190.10	-0.23	78.63	3.70	-75.10	-0.01
	44	-190.10	0.23	-26.26	-3.70	17.42	-0.24
52	43	-238.03	0.33	-15.37	-6.08	-9.56	0.03
	44	238.03	-0.33	67.74	6.08	55.27	0.33
53	43	-225.05	0.30	-12.67	-4.03	-37.46	0.03
	44	225.05	-0.30	65.04	4.03	80.20	0.30
54	43	-233.39	0.31	-14.61	-6.90	-8.86	0.03
	44	233.39	-0.31	66.98	6.90	53.74	0.31
55	43	-229.69	0.33	-13.43	-3.21	-38.16	0.04
	44	229.69	-0.33	65.80	3.21	81.73	0.32
56	43	210.64	-0.28	80.59	1.41	-42.97	-0.02
	44	-210.64	0.28	-28.22	-1.41	-16.88	-0.29
57	43	223.63	-0.31	83.28	3.46	-70.86	-0.02
	44	-223.63	0.31	-30.91	-3.46	8.06	-0.32
58	43	215.29	-0.30	81.34	0.60	-42.26	-0.02
	44	-215.29	0.30	-28.97	-0.60	-18.41	-0.31
59	43	218.98	-0.28	82.53	4.28	-71.57	-0.01
	44	-218.98	0.28	-30.16	-4.28	9.59	-0.30
60	43	-87.48	0.13	16.24	-5.67	12.36	0.02
	44	87.48	-0.13	36.13	5.67	-1.42	0.13
61	43	29.80	-0.02	42.68	-3.77	0.21	0.00
	44	-29.80	0.02	9.69	3.77	-18.36	-0.02
62	43	-96.14	0.15	15.07	-5.84	11.30	0.02
	44	96.14	-0.15	37.30	5.84	0.93	0.15
63	43	38.46	-0.04	43.85	-3.60	1.28	0.00
	44	-38.46	0.04	8.52	3.60	-20.71	-0.04
64	43	-44.20	0.04	25.23	1.15	-80.64	0.01
	44	44.20	-0.04	27.14	-1.15	81.69	0.03
65	43	73.07	-0.11	51.68	3.05	-92.78	0.00
	44	-73.07	0.11	0.69	-3.05	64.74	-0.12
66	43	-52.86	0.06	24.06	0.98	-81.70	0.01
	44	52.86	-0.06	28.31	-0.98	84.04	0.05
67	43	81.74	-0.12	52.85	3.23	-91.72	0.00
	44	-81.74	0.12	-0.48	-3.23	62.39	-0.13
68	43	-71.99	0.06	18.76	-8.40	14.70	0.01
	44	71.99	-0.06	33.61	8.40	-6.53	0.06
69	43	45.28	-0.09	45.20	-6.50	2.55	-0.01
	44	-45.28	0.09	7.17	6.50	-23.47	-0.09
70	43	-80.66	0.08	17.59	-8.57	13.64	0.01
	44	80.66	-0.08	34.78	8.57	-4.18	0.07

	71	43	53.94	-0.11	46.37	-6.32	3.61	-0.01
		44	-53.94	0.11	6.00	6.32	-25.82	-0.11
	72	43	-59.68	0.11	22.71	3.88	-82.98	0.02
		44	59.68	-0.11	29.66	-3.88	86.80	0.10
	73	43	57.59	-0.03	49.16	5.78	-95.12	0.01
		44	-57.59	0.03	3.21	-5.78	69.85	-0.04
	74	43	-68.35	0.13	21.54	3.71	-84.04	0.02
		44	68.35	-0.13	30.83	-3.71	89.15	0.12
	75	43	66.25	-0.05	50.33	5.95	-94.06	0.01
		44	-66.25	0.05	2.04	-5.95	67.50	-0.06
63	1	44	-2.65	-0.01	39.00	-0.95	-27.79	0.00
		45	2.65	0.01	-18.10	0.95	-3.62	-0.01
	2	44	-4.55	-0.01	23.23	-0.36	-3.87	0.00
		45	4.55	0.01	8.24	0.36	-4.37	-0.01
	3	44	-0.71	0.00	2.32	-0.09	-1.20	0.00
		45	0.71	0.00	-2.32	0.09	-1.35	0.00
	4	44	-0.82	0.00	4.44	-0.21	-3.31	0.00
		45	0.82	0.00	-4.44	0.21	-1.57	0.00
	5	44	-9.58	-0.05	-2.05	-0.14	-1.61	-0.01
		45	9.58	0.05	2.05	0.14	3.87	-0.05
	6	44	9.79	0.05	2.08	0.14	1.56	0.01
		45	-9.79	-0.05	-2.08	-0.14	-3.85	0.05
	7	44	-1.83	-0.01	-1.67	-0.46	4.55	0.00
		45	1.83	0.01	1.67	0.46	-2.71	-0.01
	8	44	1.78	0.01	1.71	0.42	-4.48	0.00
		45	-1.78	-0.01	-1.71	-0.42	2.59	0.01
	9	44	-19.66	-0.08	85.85	-2.11	-46.90	-0.02
		45	19.66	0.08	-17.77	2.11	-10.10	-0.06
	10	44	-2.23	0.02	89.58	-1.86	-44.04	0.00
		45	2.23	-0.02	-21.49	1.86	-17.05	0.02
	11	44	-12.69	-0.03	86.20	-2.40	-41.35	-0.01
		45	12.69	0.03	-18.12	2.40	-16.02	-0.03
	12	44	-9.44	-0.02	89.24	-1.61	-49.47	-0.01
		45	9.44	0.02	-21.16	1.61	-11.25	-0.02
	13	44	-19.21	-0.08	85.71	-2.13	-47.58	-0.02
		45	19.21	0.08	-17.62	2.13	-9.25	-0.06
	14	44	-1.78	0.02	89.43	-1.88	-44.73	0.00
		45	1.78	-0.02	-21.35	1.88	-16.20	0.02
	15	44	-12.23	-0.03	86.05	-2.42	-42.04	-0.01
		45	12.23	0.03	-17.97	2.42	-15.17	-0.03
	16	44	-8.99	-0.02	89.10	-1.63	-50.16	-0.01
		45	8.99	0.02	-21.01	1.63	-10.40	-0.02
	17	44	-24.35	-0.11	81.15	-2.06	-46.06	-0.03
		45	24.35	0.11	-13.07	2.06	-5.75	-0.09
	18	44	4.70	0.06	87.35	-1.64	-41.31	0.01
		45	-4.70	-0.06	-19.27	1.64	-17.34	0.05
	19	44	-12.72	-0.04	81.73	-2.55	-36.82	-0.01
		45	12.72	0.04	-13.64	2.55	-15.63	-0.03
	20	44	-7.31	-0.01	86.80	-1.23	-50.36	-0.01

	45	7.31	0.01	-18.71	1.23	-7.67	-0.01
21	44	-14.07	-0.05	65.53	-1.58	-35.49	-0.01
	45	14.07	0.05	-13.16	1.58	-7.80	-0.04
22	44	-2.45	0.01	68.01	-1.41	-33.58	0.00
	45	2.45	-0.01	-15.64	1.41	-12.43	0.01
23	44	-9.42	-0.02	65.76	-1.78	-31.79	-0.01
	45	9.42	0.02	-13.39	1.78	-11.75	-0.02
24	44	-7.25	-0.02	67.79	-1.25	-37.20	-0.01
	45	7.25	0.02	-15.42	1.25	-8.56	-0.01
25	44	-13.77	-0.05	65.43	-1.60	-35.94	-0.01
	45	13.77	0.05	-13.06	1.60	-7.23	-0.04
26	44	-2.15	0.01	67.92	-1.43	-34.04	0.00
	45	2.15	-0.01	-15.55	1.43	-11.86	0.01
27	44	-9.12	-0.02	65.67	-1.79	-32.25	-0.01
	45	9.12	0.02	-13.29	1.79	-11.18	-0.02
28	44	-6.95	-0.02	67.69	-1.26	-37.66	-0.01
	45	6.95	0.02	-15.32	1.26	-8.00	-0.01
29	44	-17.19	-0.07	62.40	-1.55	-34.93	-0.02
	45	17.19	0.07	-10.03	1.55	-4.90	-0.06
30	44	2.18	0.04	66.53	-1.27	-31.76	0.01
	45	-2.18	-0.04	-14.16	1.27	-12.62	0.03
31	44	-9.44	-0.03	62.78	-1.87	-28.77	-0.01
	45	9.44	0.03	-10.41	1.87	-11.48	-0.02
32	44	-5.84	-0.01	66.16	-1.00	-37.80	0.00
	45	5.84	0.01	-13.79	1.00	-6.18	-0.01
33	44	-7.20	-0.02	62.23	-1.31	-31.66	-0.01
	45	7.20	0.02	-9.86	1.31	-7.99	-0.01
34	44	-7.37	-0.02	63.12	-1.35	-32.32	-0.01
	45	7.37	0.02	-10.75	1.35	-8.30	-0.01
35	44	-9.12	-0.03	61.82	-1.34	-31.98	-0.01
	45	9.12	0.03	-9.45	1.34	-7.21	-0.02
36	44	-5.24	-0.01	62.65	-1.28	-31.35	0.00
	45	5.24	0.01	-10.28	1.28	-8.76	0.00
37	44	-7.57	-0.02	61.90	-1.40	-30.75	-0.01
	45	7.57	0.02	-9.53	1.40	-8.53	-0.02
38	44	-6.85	-0.02	62.57	-1.23	-32.56	-0.01
	45	6.85	0.02	-10.20	1.23	-7.47	-0.01
39	44	-7.20	-0.02	62.23	-1.31	-31.66	-0.01
	45	7.20	0.02	-9.86	1.31	-7.99	-0.01
40	44	-195.45	-1.11	-44.79	-3.17	-28.24	-0.25
	45	195.45	1.11	44.79	3.17	77.52	-0.97
41	44	-224.34	-1.39	-48.87	-3.75	-36.07	-0.31
	45	224.34	1.39	48.87	3.75	89.83	-1.22
42	44	-21.64	-0.21	-11.10	-3.41	41.55	-0.05
	45	21.64	0.21	11.10	3.41	-29.34	-0.18
43	44	-6.16	0.10	-8.97	-6.14	46.66	0.02
	45	6.16	-0.10	8.97	6.14	-36.80	0.09
44	44	-209.15	-1.19	14.11	-5.50	-47.44	-0.27
	45	209.15	1.19	38.26	5.50	60.73	-1.04
45	44	-196.16	-1.06	20.77	-3.46	-72.37	-0.24

	45	196.16	1.06	31.61	3.46	78.33	-0.93
46	44	-204.50	-1.10	14.75	-6.32	-45.91	-0.25
	45	204.50	1.10	37.63	6.32	58.49	-0.96
47	44	-200.81	-1.16	20.13	-2.64	-73.90	-0.26
	45	200.81	1.16	32.24	2.64	80.57	-1.01
48	44	181.76	1.03	103.69	0.84	9.05	0.23
	45	-181.76	-1.03	-51.32	-0.84	-94.31	0.90
49	44	194.74	1.15	110.35	2.89	-15.88	0.26
	45	-194.74	-1.15	-57.98	-2.89	-76.70	1.01
50	44	186.41	1.12	104.33	0.02	10.58	0.25
	45	-186.41	-1.12	-51.96	-0.02	-96.54	0.98
51	44	190.10	1.06	109.71	3.70	-17.42	0.24
	45	-190.10	-1.06	-57.34	-3.70	-74.46	0.93
52	44	-238.03	-1.47	10.03	-6.08	-55.27	-0.33
	45	238.03	1.47	42.34	6.08	73.04	-1.29
53	44	-225.05	-1.35	16.69	-4.03	-80.20	-0.30
	45	225.05	1.35	35.69	4.03	90.65	-1.18
54	44	-233.39	-1.38	10.67	-6.90	-53.74	-0.31
	45	233.39	1.38	41.70	6.90	70.81	-1.21
55	44	-229.69	-1.44	16.05	-3.21	-81.73	-0.32
	45	229.69	1.44	36.32	3.21	92.89	-1.26
56	44	210.64	1.31	107.77	1.41	16.88	0.29
	45	-210.64	-1.31	-55.40	-1.41	-106.62	1.15
57	44	223.63	1.44	114.43	3.46	-8.06	0.32
	45	-223.63	-1.44	-62.06	-3.46	-89.02	1.26
58	44	215.29	1.40	108.41	0.60	18.41	0.31
	45	-215.29	-1.40	-56.04	-0.60	-108.86	1.23
59	44	218.98	1.34	113.79	4.28	-9.59	0.30
	45	-218.98	-1.34	-61.42	-4.28	-86.78	1.18
60	44	-87.48	-0.56	37.69	-5.67	1.42	-0.13
	45	87.48	0.56	14.68	5.67	-14.07	-0.49
61	44	29.80	0.11	64.57	-3.77	18.36	0.02
	45	-29.80	-0.11	-12.20	3.77	-60.58	0.09
62	44	-96.14	-0.64	36.47	-5.84	-0.93	-0.15
	45	96.14	0.64	15.90	5.84	-10.38	-0.56
63	44	38.46	0.19	65.79	-3.60	20.71	0.04
	45	-38.46	-0.19	-13.42	3.60	-64.28	0.17
64	44	-44.20	-0.14	59.89	1.15	-81.69	-0.03
	45	44.20	0.14	-7.52	-1.15	44.61	-0.12
65	44	73.07	0.52	86.77	3.05	-64.74	0.12
	45	-73.07	-0.52	-34.40	-3.05	-1.90	0.46
66	44	-52.86	-0.23	58.67	0.98	-84.04	-0.05
	45	52.86	0.23	-6.30	-0.98	48.31	-0.20
67	44	81.74	0.61	87.99	3.23	-62.39	0.13
	45	-81.74	-0.61	-35.62	-3.23	-5.59	0.54
68	44	-71.99	-0.25	39.82	-8.40	6.53	-0.06
	45	71.99	0.25	12.55	8.40	-21.53	-0.22
69	44	45.28	0.42	66.70	-6.50	23.47	0.09
	45	-45.28	-0.42	-14.33	6.50	-68.04	0.37
70	44	-80.66	-0.33	38.60	-8.57	4.18	-0.07

		45	80.66	0.33	13.77	8.57	-17.83	-0.29
71		44	53.94	0.50	67.92	-6.32	25.82	0.11
		45	-53.94	-0.50	-15.55	6.32	-71.73	0.44
72		44	-59.68	-0.45	57.76	3.88	-86.80	-0.10
		45	59.68	0.45	-5.39	-3.88	52.07	-0.39
73		44	57.59	0.21	84.64	5.78	-69.85	0.04
		45	-57.59	-0.21	-32.26	-5.78	5.56	0.19
74		44	-68.35	-0.54	56.53	3.71	-89.15	-0.12
		45	68.35	0.54	-4.16	-3.71	55.76	-0.47
75		44	66.25	0.30	85.86	5.95	-67.50	0.06
		45	-66.25	-0.30	-33.49	-5.95	1.86	0.26
64	1	45	-2.65	0.03	61.08	-0.95	3.62	0.01
		3	2.65	-0.03	-43.03	0.95	-53.07	0.02
	2	45	-4.55	0.04	29.57	-0.36	4.37	0.01
		3	4.55	-0.04	-2.39	0.36	-19.56	0.03
	3	45	-0.71	0.01	4.05	-0.09	1.35	0.00
		3	0.71	-0.01	-4.05	0.09	-5.20	0.00
	4	45	-0.82	0.01	7.79	-0.21	1.57	0.00
		3	0.82	-0.01	-7.79	0.21	-8.97	0.01
	5	45	-9.58	0.25	-2.09	-0.14	-3.87	0.05
		3	9.58	-0.25	2.09	0.14	5.86	0.19
	6	45	9.79	-0.25	2.10	0.14	3.85	-0.05
		3	-9.79	0.25	-2.10	-0.14	-5.84	-0.19
	7	45	-1.83	0.03	-2.12	-0.46	2.71	0.01
		3	1.83	-0.03	2.12	0.46	-0.70	0.03
	8	45	1.78	-0.03	2.22	0.42	-2.59	-0.01
		3	-1.78	0.03	-2.22	-0.42	0.48	-0.03
	9	45	-19.66	0.34	127.89	-2.11	10.10	0.06
		3	19.66	-0.34	-69.09	2.11	-103.66	0.26
	10	45	-2.23	-0.12	131.66	-1.86	17.05	-0.02
		3	2.23	0.12	-72.86	1.86	-114.20	-0.09
	11	45	-12.69	0.14	127.86	-2.40	16.02	0.03
		3	12.69	-0.14	-69.06	2.40	-109.56	0.11
	12	45	-9.44	0.08	131.78	-1.61	11.25	0.02
		3	9.44	-0.08	-72.98	1.61	-108.51	0.06
	13	45	-19.21	0.34	127.66	-2.13	9.25	0.06
		3	19.21	-0.34	-68.86	2.13	-102.60	0.26
	14	45	-1.78	-0.12	131.43	-1.88	16.20	-0.02
		3	1.78	0.12	-72.63	1.88	-113.13	-0.09
	15	45	-12.23	0.14	127.63	-2.42	15.17	0.03
		3	12.23	-0.14	-68.83	2.42	-108.50	0.11
	16	45	-8.99	0.08	131.55	-1.63	10.40	0.02
		3	8.99	-0.08	-72.75	1.63	-107.44	0.06
	17	45	-24.35	0.48	120.56	-2.06	5.75	0.09
		3	24.35	-0.48	-61.76	2.06	-92.36	0.36
	18	45	4.70	-0.28	126.85	-1.64	17.34	-0.05
		3	-4.70	0.28	-68.05	1.64	-109.91	-0.21
	19	45	-12.72	0.15	120.51	-2.55	15.63	0.03
		3	12.72	-0.15	-61.71	2.55	-102.19	0.12

20	45	-7.31	0.05	127.04	-1.23	7.67	0.01
	3	7.31	-0.05	-68.24	1.23	-100.43	0.04
21	45	-14.07	0.23	97.35	-1.58	7.80	0.04
	3	14.07	-0.23	-52.12	1.58	-78.79	0.18
22	45	-2.45	-0.07	99.86	-1.41	12.43	-0.01
	3	2.45	0.07	-54.63	1.41	-85.81	-0.05
23	45	-9.42	0.10	97.33	-1.78	11.75	0.02
	3	9.42	-0.10	-52.10	1.78	-82.73	0.08
24	45	-7.25	0.06	99.94	-1.25	8.56	0.01
	3	7.25	-0.06	-54.71	1.25	-82.02	0.05
25	45	-13.77	0.23	97.19	-1.60	7.23	0.04
	3	13.77	-0.23	-51.96	1.60	-78.08	0.18
26	45	-2.15	-0.07	99.71	-1.43	11.86	-0.01
	3	2.15	0.07	-54.48	1.43	-85.10	-0.05
27	45	-9.12	0.10	97.18	-1.79	11.18	0.02
	3	9.12	-0.10	-51.95	1.79	-82.01	0.08
28	45	-6.95	0.06	99.78	-1.26	8.00	0.01
	3	6.95	-0.06	-54.56	1.26	-81.31	0.05
29	45	-17.19	0.33	92.46	-1.55	4.90	0.06
	3	17.19	-0.33	-47.23	1.55	-71.26	0.25
30	45	2.18	-0.18	96.65	-1.27	12.62	-0.03
	3	-2.18	0.18	-51.42	1.27	-82.96	-0.13
31	45	-9.44	0.11	92.43	-1.87	11.48	0.02
	3	9.44	-0.11	-47.20	1.87	-77.81	0.08
32	45	-5.84	0.04	96.78	-1.00	6.18	0.01
	3	5.84	-0.04	-51.55	1.00	-76.63	0.03
33	45	-7.20	0.07	90.66	-1.31	7.99	0.01
	3	7.20	-0.07	-45.43	1.31	-72.63	0.05
34	45	-7.37	0.07	92.22	-1.35	8.30	0.01
	3	7.37	-0.07	-46.99	1.35	-74.42	0.06
35	45	-9.12	0.12	90.24	-1.34	7.21	0.02
	3	9.12	-0.12	-45.01	1.34	-71.46	0.09
36	45	-5.24	0.02	91.08	-1.28	8.76	0.00
	3	5.24	-0.02	-45.85	1.28	-73.80	0.02
37	45	-7.57	0.08	90.23	-1.40	8.53	0.02
	3	7.57	-0.08	-45.00	1.40	-72.77	0.06
38	45	-6.85	0.06	91.10	-1.23	7.47	0.01
	3	6.85	-0.06	-45.87	1.23	-72.53	0.05
39	45	-7.20	0.07	90.66	-1.31	7.99	0.01
	3	7.20	-0.07	-45.43	1.31	-72.63	0.05
40	45	-195.45	5.13	-45.23	-3.17	-77.52	0.97
	3	195.45	-5.13	45.23	3.17	120.49	3.90
41	45	-224.34	6.44	-49.41	-3.75	-89.83	1.22
	3	224.34	-6.44	49.41	3.75	136.77	4.90
42	45	-21.64	0.97	-17.64	-3.41	29.34	0.18
	3	21.64	-0.97	17.64	3.41	-12.58	0.74
43	45	-6.16	-0.47	-15.68	-6.14	36.80	-0.09
	3	6.16	0.47	15.68	6.14	-21.90	-0.36
44	45	-209.15	5.49	40.13	-5.50	-60.73	1.04
	3	209.15	-5.49	5.09	5.50	44.08	4.18

45	45	-196.16	4.91	50.72	-3.46	-78.33	0.93
	3	196.16	-4.91	-5.49	3.46	51.63	3.73
46	45	-204.50	5.06	40.72	-6.32	-58.49	0.96
	3	204.50	-5.06	4.51	6.32	41.29	3.85
47	45	-200.81	5.34	50.13	-2.64	-80.57	1.01
	3	200.81	-5.34	-4.90	2.64	54.43	4.06
48	45	181.76	-4.77	130.60	0.84	94.31	-0.90
	3	-181.76	4.77	-85.37	-0.84	-196.89	-3.63
49	45	194.74	-5.35	141.18	2.89	76.70	-1.01
	3	-194.74	5.35	-95.95	-2.89	-189.34	-4.07
50	45	186.41	-5.20	131.18	0.02	96.54	-0.98
	3	-186.41	5.20	-85.95	-0.02	-199.68	-3.96
51	45	190.10	-4.92	140.59	3.70	74.46	-0.93
	3	-190.10	4.92	-95.36	-3.70	-186.54	-3.74
52	45	-238.03	6.80	35.96	-6.08	-73.04	1.29
	3	238.03	-6.80	9.27	6.08	60.37	5.17
53	45	-225.05	6.22	46.54	-4.03	-90.65	1.18
	3	225.05	-6.22	-1.31	4.03	67.92	4.73
54	45	-233.39	6.37	36.54	-6.90	-70.81	1.21
	3	233.39	-6.37	8.69	6.90	57.57	4.85
55	45	-229.69	6.65	45.95	-3.21	-92.89	1.26
	3	229.69	-6.65	-0.72	3.21	70.71	5.06
56	45	210.64	-6.08	134.77	1.41	106.62	-1.15
	3	-210.64	6.08	-89.55	-1.41	-213.17	-4.62
57	45	223.63	-6.66	145.36	3.46	89.02	-1.26
	3	-223.63	6.66	-100.13	-3.46	-205.63	-5.07
58	45	215.29	-6.51	135.36	0.60	108.86	-1.23
	3	-215.29	6.51	-90.13	-0.60	-215.97	-4.95
59	45	218.98	-6.23	144.77	4.28	86.78	-1.18
	3	-218.98	6.23	-99.54	-4.28	-202.83	-4.74
60	45	-87.48	2.58	59.44	-5.67	14.07	0.49
	3	87.48	-2.58	-14.22	5.67	-49.06	1.96
61	45	29.80	-0.50	86.58	-3.77	60.58	-0.09
	3	-29.80	0.50	-41.35	3.77	-121.35	-0.38
62	45	-96.14	2.97	58.19	-5.84	10.38	0.56
	3	96.14	-2.97	-12.96	5.84	-44.18	2.26
63	45	38.46	-0.89	87.84	-3.60	64.28	-0.17
	3	-38.46	0.89	-42.61	3.60	-126.24	-0.68
64	45	-44.20	0.64	94.73	1.15	-44.61	0.12
	3	44.20	-0.64	-49.50	-1.15	-23.90	0.49
65	45	73.07	-2.44	121.87	3.05	1.90	-0.46
	3	-73.07	2.44	-76.64	-3.05	-96.19	-1.86
66	45	-52.86	1.03	93.48	0.98	-48.31	0.20
	3	52.86	-1.03	-48.25	-0.98	-19.02	0.78
67	45	81.74	-2.83	123.13	3.23	5.59	-0.54
	3	-81.74	2.83	-77.90	-3.23	-101.08	-2.15
68	45	-71.99	1.14	61.41	-8.40	21.53	0.22
	3	71.99	-1.14	-16.18	8.40	-58.38	0.87
69	45	45.28	-1.94	88.55	-6.50	68.04	-0.37
	3	-45.28	1.94	-43.32	6.50	-130.67	-1.47

	70	45	-80.66	1.53	60.15	-8.57	17.83	0.29
		3	80.66	-1.53	-14.92	8.57	-53.50	1.17
	71	45	53.94	-2.33	89.80	-6.32	71.73	-0.44
		3	-53.94	2.33	-44.57	6.32	-135.56	-1.77
	72	45	-59.68	2.08	92.77	3.88	-52.07	0.39
		3	59.68	-2.08	-47.54	-3.88	-14.58	1.58
	73	45	57.59	-1.00	119.91	5.78	-5.56	-0.19
		3	-57.59	1.00	-74.68	-5.78	-86.87	-0.76
	74	45	-68.35	2.47	91.52	3.71	-55.76	0.47
		3	68.35	-2.47	-46.29	-3.71	-9.70	1.88
	75	45	66.25	-1.39	121.16	5.95	-1.86	-0.26
		3	-66.25	1.39	-75.93	-5.95	-91.76	-1.06
65	1	3	-2.66	0.03	-43.03	0.95	53.07	0.02
		46	2.66	-0.03	61.08	-0.95	-3.61	0.00
	2	3	-4.58	0.04	-2.39	0.36	19.55	0.03
		46	4.58	-0.04	29.57	-0.36	-4.37	0.01
	3	3	-0.71	0.01	-4.05	0.09	5.19	0.00
		46	0.71	-0.01	4.05	-0.09	-1.35	0.00
	4	3	-0.82	0.01	-7.79	0.21	8.97	0.01
		46	0.82	-0.01	7.79	-0.21	-1.57	0.00
	5	3	-4.98	0.25	-2.09	-0.14	5.88	0.19
		46	4.98	-0.25	2.09	0.14	-3.89	0.05
	6	3	5.18	-0.25	2.09	0.13	-5.89	-0.19
		46	-5.18	0.25	-2.09	-0.13	3.91	-0.05
	7	3	-1.85	0.04	2.13	0.46	0.68	0.03
		46	1.85	-0.04	-2.13	-0.46	-2.71	0.01
	8	3	1.80	-0.03	-2.23	-0.42	-0.46	-0.03
		46	-1.80	0.03	2.23	0.42	2.58	-0.01
	9	3	-15.59	0.33	-72.86	1.86	114.21	0.26
		46	15.59	-0.33	131.65	-1.86	-17.07	0.06
	10	3	-6.44	-0.12	-69.09	2.11	103.62	-0.09
		46	6.44	0.12	127.89	-2.11	-10.05	-0.02
	11	3	-12.77	0.14	-69.05	2.40	109.54	0.11
		46	12.77	-0.14	127.85	-2.40	-16.01	0.03
	12	3	-9.49	0.08	-72.98	1.61	108.50	0.06
		46	9.49	-0.08	131.78	-1.61	-11.24	0.01
	13	3	-15.13	0.33	-72.62	1.88	113.15	0.25
		46	15.13	-0.33	131.42	-1.88	-16.22	0.06
	14	3	-5.99	-0.12	-68.86	2.13	102.55	-0.09
		46	5.99	0.12	127.66	-2.13	-9.21	-0.02
	15	3	-12.32	0.14	-68.82	2.43	108.47	0.11
		46	12.32	-0.14	127.62	-2.43	-15.16	0.03
	16	3	-9.03	0.08	-72.75	1.63	107.44	0.06
		46	9.03	-0.08	131.55	-1.63	-10.40	0.01
	17	3	-17.50	0.48	-68.04	1.65	109.95	0.36
		46	17.50	-0.48	126.84	-1.65	-17.39	0.09
	18	3	-2.26	-0.28	-61.76	2.06	92.29	-0.21
		46	2.26	0.28	120.56	-2.06	-5.69	-0.05
	19	3	-12.81	0.15	-61.70	2.55	102.15	0.12

	46	12.81	-0.15	120.50	-2.55	-15.61	0.03
20	3	-7.34	0.05	-68.24	1.23	100.43	0.04
	46	7.34	-0.05	127.04	-1.23	-7.67	0.01
21	3	-11.36	0.23	-54.63	1.42	85.83	0.18
	46	11.36	-0.23	99.86	-1.42	-12.45	0.04
22	3	-5.26	-0.07	-52.12	1.58	78.76	-0.05
	46	5.26	0.07	97.35	-1.58	-7.77	-0.01
23	3	-9.48	0.10	-52.09	1.78	82.71	0.08
	46	9.48	-0.10	97.32	-1.78	-11.74	0.02
24	3	-7.29	0.06	-54.71	1.25	82.02	0.05
	46	7.29	-0.06	99.94	-1.25	-8.56	0.01
25	3	-11.05	0.23	-54.47	1.43	85.11	0.18
	46	11.05	-0.23	99.70	-1.43	-11.88	0.04
26	3	-4.96	-0.07	-51.96	1.59	78.05	-0.05
	46	4.96	0.07	97.19	-1.59	-7.20	-0.01
27	3	-9.18	0.10	-51.94	1.79	81.99	0.08
	46	9.18	-0.10	97.17	-1.79	-11.17	0.02
28	3	-6.99	0.06	-54.55	1.26	81.31	0.05
	46	6.99	-0.06	99.78	-1.26	-7.99	0.01
29	3	-12.64	0.33	-51.42	1.27	82.98	0.25
	46	12.64	-0.33	96.65	-1.27	-12.65	0.06
30	3	-2.47	-0.18	-47.23	1.55	71.21	-0.14
	46	2.47	0.18	92.46	-1.55	-4.86	-0.03
31	3	-9.51	0.11	-47.19	1.87	77.78	0.08
	46	9.51	-0.11	92.42	-1.87	-11.47	0.02
32	3	-5.86	0.04	-51.55	0.99	76.64	0.03
	46	5.86	-0.04	96.78	-0.99	-6.18	0.01
33	3	-7.24	0.07	-45.43	1.31	72.62	0.05
	46	7.24	-0.07	90.65	-1.31	-7.98	0.01
34	3	-7.41	0.07	-46.98	1.35	74.41	0.05
	46	7.41	-0.07	92.21	-1.35	-8.29	0.01
35	3	-8.24	0.12	-45.84	1.28	73.79	0.09
	46	8.24	-0.12	91.07	-1.28	-8.76	0.02
36	3	-6.21	0.02	-45.01	1.34	71.44	0.01
	46	6.21	-0.02	90.24	-1.34	-7.20	0.00
37	3	-7.61	0.08	-45.00	1.40	72.75	0.06
	46	7.61	-0.08	90.23	-1.40	-8.52	0.01
38	3	-6.88	0.06	-45.87	1.23	72.53	0.05
	46	6.88	-0.06	91.10	-1.23	-7.46	0.01
39	3	-7.24	0.07	-45.43	1.31	72.62	0.05
	46	7.24	-0.07	90.65	-1.31	-7.98	0.01
40	3	-100.57	5.13	-45.18	-3.11	121.19	3.90
	46	100.57	-5.13	45.18	3.11	-78.27	0.97
41	3	-116.19	6.43	-49.36	-3.67	137.65	4.90
	46	116.19	-6.43	49.36	3.67	-90.75	1.21
42	3	-18.49	0.97	15.73	6.15	21.85	0.74
	46	18.49	-0.97	-15.73	-6.15	-36.79	0.18
43	3	-9.64	-0.47	17.69	3.41	12.44	-0.36
	46	9.64	0.47	-17.69	-3.41	-29.25	-0.09
44	3	-113.36	5.49	-85.89	0.04	200.36	4.18

	46	113.36	-5.49	131.11	-0.04	-97.29	1.04
45	3	-102.27	4.90	-95.32	-3.65	187.26	3.73
	46	102.27	-4.90	140.55	3.65	-75.22	0.93
46	3	-110.70	5.05	-85.30	-0.78	197.54	3.85
	46	110.70	-5.05	130.53	0.78	-95.03	0.95
47	3	-104.92	5.34	-95.91	-2.83	190.08	4.06
	46	104.92	-5.34	141.14	2.83	-77.48	1.01
48	3	87.78	-4.76	4.47	6.27	-42.02	-3.63
	46	-87.78	4.76	40.76	-6.27	59.26	-0.90
49	3	98.87	-5.35	-4.97	2.58	-55.13	-4.07
	46	-98.87	5.35	50.19	-2.58	81.33	-1.01
50	3	90.43	-5.20	5.06	5.45	-44.84	-3.96
	46	-90.43	5.20	40.17	-5.45	61.52	-0.98
51	3	96.22	-4.92	-5.56	3.40	-52.31	-3.74
	46	-96.22	4.92	50.78	-3.40	79.07	-0.93
52	3	-128.98	6.79	-90.07	-0.51	216.82	5.17
	46	128.98	-6.79	135.30	0.51	-109.77	1.28
53	3	-117.89	6.21	-99.51	-4.20	203.71	4.73
	46	117.89	-6.21	144.74	4.20	-87.69	1.17
54	3	-126.33	6.36	-89.48	-1.33	214.00	4.84
	46	126.33	-6.36	134.71	1.33	-107.50	1.20
55	3	-120.55	6.64	-100.10	-3.38	206.53	5.06
	46	120.55	-6.64	145.33	3.38	-89.96	1.25
56	3	103.41	-6.07	8.66	6.82	-58.47	-4.62
	46	-103.41	6.07	36.57	-6.82	71.73	-1.15
57	3	114.50	-6.66	-0.78	3.13	-71.58	-5.07
	46	-114.50	6.66	46.01	-3.13	93.81	-1.26
58	3	106.06	-6.51	9.25	6.00	-61.30	-4.95
	46	-106.06	6.51	35.98	-6.00	74.00	-1.23
59	3	111.84	-6.22	-1.37	3.95	-68.76	-4.74
	46	-111.84	6.22	46.60	-3.95	91.54	-1.18
60	3	-55.90	2.58	-43.25	6.53	130.82	1.96
	46	55.90	-2.58	88.48	-6.53	-68.25	0.49
61	3	4.44	-0.50	-16.14	8.39	58.11	-0.38
	46	-4.44	0.50	61.37	-8.39	-21.29	-0.09
62	3	-60.59	2.97	-44.51	6.36	135.76	2.26
	46	60.59	-2.97	89.74	-6.36	-71.99	0.56
63	3	9.13	-0.89	-14.89	8.56	53.17	-0.68
	46	-9.13	0.89	60.12	-8.56	-17.54	-0.17
64	3	-18.93	0.64	-74.71	-5.78	87.13	0.48
	46	18.93	-0.64	119.94	5.78	5.33	0.12
65	3	41.41	-2.44	-47.60	-3.91	14.41	-1.86
	46	-41.41	2.44	92.83	3.91	52.29	-0.46
66	3	-23.62	1.03	-75.96	-5.94	92.06	0.78
	46	23.62	-1.03	121.19	5.94	1.58	0.19
67	3	46.10	-2.83	-46.34	-3.74	9.48	-2.16
	46	-46.10	2.83	91.57	3.74	56.03	-0.54
68	3	-47.05	1.14	-41.29	3.79	121.41	0.87
	46	47.05	-1.14	86.52	-3.79	-60.71	0.21
69	3	13.29	-1.94	-14.18	5.66	48.70	-1.47

		46	-13.29	1.94	59.41	-5.66	-13.74	-0.37
70		3	-51.74	1.53	-42.54	3.62	126.35	1.17
		46	51.74	-1.53	87.77	-3.62	-64.45	0.29
71		3	17.98	-2.33	-12.92	5.82	43.76	-1.77
		46	-17.98	2.33	58.15	-5.82	-10.00	-0.44
72		3	-27.78	2.08	-76.67	-3.04	96.54	1.58
		46	27.78	-2.08	121.90	3.04	-2.22	0.39
73		3	32.57	-1.00	-49.56	-1.17	23.82	-0.76
		46	-32.57	1.00	94.79	1.17	44.75	-0.19
74		3	-32.46	2.47	-77.93	-3.20	101.47	1.88
		46	32.46	-2.47	123.16	3.20	-5.96	0.47
75		3	37.25	-1.39	-48.31	-1.00	18.89	-1.06
		46	-37.25	1.39	93.54	1.00	48.49	-0.26
66	1	46	-2.66	0.00	-18.10	0.95	3.61	0.00
		47	2.66	0.00	39.00	-0.95	27.79	0.00
	2	46	-4.58	-0.01	8.25	0.36	4.37	-0.01
		47	4.58	0.01	23.22	-0.36	3.87	0.00
	3	46	-0.71	0.00	-2.32	0.09	1.35	0.00
		47	0.71	0.00	2.32	-0.09	1.20	0.00
	4	46	-0.82	0.00	-4.44	0.21	1.57	0.00
		47	0.82	0.00	4.44	-0.21	3.31	0.00
	5	46	-4.98	-0.05	-2.08	-0.14	3.89	-0.05
		47	4.98	0.05	2.08	0.14	-1.61	-0.01
	6	46	5.18	0.05	2.04	0.13	-3.91	0.05
		47	-5.18	-0.05	-2.04	-0.13	1.66	0.01
	7	46	-1.85	-0.01	1.67	0.46	2.71	-0.01
		47	1.85	0.01	-1.67	-0.46	-4.55	0.00
	8	46	1.80	0.01	-1.72	-0.42	-2.58	0.01
		47	-1.80	-0.01	1.72	0.42	4.48	0.00
	9	46	-15.59	-0.07	-21.48	1.86	17.07	-0.06
		47	15.59	0.07	89.56	-1.86	44.00	-0.01
	10	46	-6.44	0.03	-17.77	2.11	10.05	0.02
		47	6.44	-0.03	85.86	-2.11	46.94	0.01
	11	46	-12.77	-0.03	-18.11	2.40	16.01	-0.03
		47	12.77	0.03	86.19	-2.40	41.36	0.00
	12	46	-9.49	-0.01	-21.16	1.61	11.24	-0.01
		47	9.49	0.01	89.24	-1.61	49.48	0.00
	13	46	-15.13	-0.07	-21.33	1.88	16.22	-0.06
		47	15.13	0.07	89.42	-1.88	44.69	-0.01
	14	46	-5.99	0.03	-17.63	2.13	9.21	0.02
		47	5.99	-0.03	85.71	-2.13	47.63	0.01
	15	46	-12.32	-0.03	-17.96	2.43	15.16	-0.03
		47	12.32	0.03	86.04	-2.43	42.04	0.00
	16	46	-9.03	-0.01	-21.01	1.63	10.40	-0.01
		47	9.03	0.01	89.09	-1.63	50.16	0.00
	17	46	-17.50	-0.10	-19.25	1.65	17.39	-0.09
		47	17.50	0.10	87.34	-1.65	41.24	-0.02
	18	46	-2.26	0.06	-13.07	2.06	5.69	0.05
		47	2.26	-0.06	81.16	-2.06	46.14	0.02

19	46	-12.81	-0.03	-13.63	2.55	15.61	-0.03
	47	12.81	0.03	81.71	-2.55	36.83	0.00
20	46	-7.34	-0.01	-18.72	1.23	7.67	-0.01
	47	7.34	0.01	86.80	-1.23	50.36	0.00
21	46	-11.36	-0.05	-15.63	1.42	12.45	-0.04
	47	11.36	0.05	68.01	-1.42	33.56	-0.01
22	46	-5.26	0.02	-13.16	1.58	7.77	0.01
	47	5.26	-0.02	65.53	-1.58	35.52	0.01
23	46	-9.48	-0.02	-13.38	1.78	11.74	-0.02
	47	9.48	0.02	65.76	-1.78	31.79	0.00
24	46	-7.29	-0.01	-15.42	1.25	8.56	-0.01
	47	7.29	0.01	67.79	-1.25	37.21	0.00
25	46	-11.05	-0.05	-15.54	1.43	11.88	-0.04
	47	11.05	0.05	67.91	-1.43	34.01	-0.01
26	46	-4.96	0.02	-13.06	1.59	7.20	0.01
	47	4.96	-0.02	65.44	-1.59	35.97	0.01
27	46	-9.18	-0.02	-13.29	1.79	11.17	-0.02
	47	9.18	0.02	65.66	-1.79	32.25	0.00
28	46	-6.99	-0.01	-15.32	1.26	7.99	-0.01
	47	6.99	0.01	67.69	-1.26	37.66	0.00
29	46	-12.64	-0.07	-14.15	1.27	12.65	-0.06
	47	12.64	0.07	66.52	-1.27	31.71	-0.01
30	46	-2.47	0.04	-10.03	1.55	4.86	0.03
	47	2.47	-0.04	62.40	-1.55	34.98	0.01
31	46	-9.51	-0.02	-10.40	1.87	11.47	-0.02
	47	9.51	0.02	62.77	-1.87	28.77	0.00
32	46	-5.86	-0.01	-13.79	0.99	6.18	-0.01
	47	5.86	0.01	66.16	-0.99	37.80	0.00
33	46	-7.24	-0.01	-9.86	1.31	7.98	-0.01
	47	7.24	0.01	62.23	-1.31	31.66	0.00
34	46	-7.41	-0.01	-10.74	1.35	8.29	-0.01
	47	7.41	0.01	63.11	-1.35	32.33	0.00
35	46	-8.24	-0.02	-10.27	1.28	8.76	-0.02
	47	8.24	0.02	62.64	-1.28	31.34	0.00
36	46	-6.21	0.00	-9.45	1.34	7.20	0.00
	47	6.21	0.00	61.82	-1.34	32.00	0.00
37	46	-7.61	-0.01	-9.52	1.40	8.52	-0.01
	47	7.61	0.01	61.89	-1.40	30.76	0.00
38	46	-6.88	-0.01	-10.20	1.23	7.46	-0.01
	47	6.88	0.01	62.57	-1.23	32.56	0.00
39	46	-7.24	-0.01	-9.86	1.31	7.98	-0.01
	47	7.24	0.01	62.23	-1.31	31.66	0.00
40	46	-100.57	-1.10	-44.63	-3.11	78.27	-0.97
	47	100.57	1.10	44.63	3.11	-29.18	-0.24
41	46	-116.19	-1.37	-48.70	-3.67	90.75	-1.21
	47	116.19	1.37	48.70	3.67	-37.18	-0.30
42	46	-18.49	-0.21	9.02	6.15	36.79	-0.18
	47	18.49	0.21	-9.02	-6.15	-46.71	-0.05
43	46	-9.64	0.10	11.14	3.41	29.25	0.09
	47	9.64	-0.10	-11.14	-3.41	-41.50	0.02

44	46	-113.36	-1.17	-51.78	0.04	97.29	-1.04
	47	113.36	1.17	104.15	-0.04	-11.53	-0.25
45	46	-102.27	-1.05	-57.19	-3.65	75.22	-0.93
	47	102.27	1.05	109.56	3.65	16.49	-0.23
46	46	-110.70	-1.08	-51.14	-0.78	95.03	-0.95
	47	110.70	1.08	103.51	0.78	-9.97	-0.23
47	46	-104.92	-1.14	-57.83	-2.83	77.48	-1.01
	47	104.92	1.14	110.20	2.83	14.93	-0.25
48	46	87.78	1.02	37.48	6.27	-59.26	0.90
	47	-87.78	-1.02	14.89	-6.27	46.83	0.22
49	46	98.87	1.15	32.07	2.58	-81.33	1.01
	47	-98.87	-1.15	20.30	-2.58	74.86	0.25
50	46	90.43	1.11	38.12	5.45	-61.52	0.98
	47	-90.43	-1.11	14.26	-5.45	48.40	0.24
51	46	96.22	1.05	31.43	3.40	-79.07	0.93
	47	-96.22	-1.05	20.94	-3.40	73.30	0.23
52	46	-128.98	-1.45	-55.85	-0.51	109.77	-1.28
	47	128.98	1.45	108.22	0.51	-19.53	-0.31
53	46	-117.89	-1.32	-61.26	-4.20	87.69	-1.17
	47	117.89	1.32	113.63	4.20	8.49	-0.28
54	46	-126.33	-1.36	-55.21	-1.33	107.50	-1.20
	47	126.33	1.36	107.58	1.33	-17.97	-0.29
55	46	-120.55	-1.42	-61.89	-3.38	89.96	-1.25
	47	120.55	1.42	114.27	3.38	6.93	-0.31
56	46	103.41	1.30	41.55	6.82	-71.73	1.15
	47	-103.41	-1.30	10.83	-6.82	54.84	0.28
57	46	114.50	1.43	36.14	3.13	-93.81	1.26
	47	-114.50	-1.43	16.23	-3.13	82.86	0.31
58	46	106.06	1.39	42.18	6.00	-74.00	1.23
	47	-106.06	-1.39	10.19	-6.00	56.40	0.30
59	46	111.84	1.33	35.50	3.95	-91.54	1.18
	47	-111.84	-1.33	16.87	-3.95	81.30	0.29
60	46	-55.90	-0.55	-14.23	6.53	68.25	-0.49
	47	55.90	0.55	66.60	-6.53	-23.80	-0.12
61	46	4.44	0.11	12.55	8.39	21.29	0.09
	47	-4.44	-0.11	39.82	-8.39	-6.29	0.02
62	46	-60.59	-0.63	-15.45	6.36	71.99	-0.56
	47	60.59	0.63	67.82	-6.36	-26.20	-0.14
63	46	9.13	0.19	13.77	8.56	17.54	0.17
	47	-9.13	-0.19	38.60	-8.56	-3.89	0.04
64	46	-18.93	-0.13	-32.26	-5.78	-5.33	-0.12
	47	18.93	0.13	84.63	5.78	69.62	-0.03
65	46	41.41	0.53	-5.48	-3.91	-52.29	0.46
	47	-41.41	-0.53	57.85	3.91	87.13	0.12
66	46	-23.62	-0.22	-33.48	-5.94	-1.58	-0.19
	47	23.62	0.22	85.85	5.94	67.22	-0.04
67	46	46.10	0.61	-4.26	-3.74	-56.03	0.54
	47	-46.10	-0.61	56.63	3.74	89.53	0.13
68	46	-47.05	-0.24	-12.10	3.79	60.71	-0.21
	47	47.05	0.24	64.47	-3.79	-18.59	-0.05

	69	46	13.29	0.42	14.68	5.66	13.74	0.37
		47	-13.29	-0.42	37.70	-5.66	-1.08	0.09
	70	46	-51.74	-0.32	-13.32	3.62	64.45	-0.29
		47	51.74	0.32	65.69	-3.62	-20.99	-0.07
	71	46	17.98	0.50	15.90	5.82	10.00	0.44
		47	-17.98	-0.50	36.48	-5.82	1.32	0.11
	72	46	-27.78	-0.44	-34.39	-3.04	2.22	-0.39
		47	27.78	0.44	86.76	3.04	64.41	-0.09
	73	46	32.57	0.22	-7.61	-1.17	-44.75	0.19
		47	-32.57	-0.22	59.98	1.17	81.92	0.05
	74	46	-32.46	-0.53	-35.61	-3.20	5.96	-0.47
		47	32.46	0.53	87.98	3.20	62.01	-0.11
	75	46	37.25	0.30	-6.39	-1.00	-48.49	0.26
		47	-37.25	-0.30	58.76	1.00	84.32	0.07
67	1	47	-2.66	-0.01	3.88	0.95	-27.79	0.00
		48	2.66	0.01	17.02	-0.95	35.02	-0.01
	2	47	-4.58	0.00	14.53	0.36	-3.87	0.00
		48	4.58	0.00	16.94	-0.36	5.19	0.00
	3	47	-0.71	0.00	-0.60	0.09	-1.20	0.00
		48	0.71	0.00	0.60	-0.09	1.85	0.00
	4	47	-0.82	0.00	-1.10	0.21	-3.31	0.00
		48	0.82	0.00	1.10	-0.21	4.52	0.00
	5	47	-4.98	0.01	-2.04	-0.14	1.61	0.01
		48	4.98	-0.01	2.04	0.14	0.63	0.00
	6	47	5.18	-0.01	1.98	0.13	-1.66	-0.01
		48	-5.18	0.01	-1.98	-0.13	-0.51	0.00
	7	47	-1.85	0.00	1.20	0.46	4.55	0.00
		48	1.85	0.00	-1.20	-0.46	-5.87	0.00
	8	47	1.80	0.00	-1.20	-0.42	-4.48	0.00
		48	-1.80	0.00	1.20	0.42	5.79	0.00
	9	47	-15.59	0.00	20.39	1.86	-44.00	0.01
		48	15.59	0.00	47.69	-1.86	59.02	-0.01
	10	47	-6.44	-0.02	24.00	2.11	-46.94	-0.01
		48	6.44	0.02	44.08	-2.11	57.98	-0.01
	11	47	-12.77	-0.01	23.31	2.40	-41.36	0.00
		48	12.77	0.01	44.77	-2.40	53.16	-0.01
	12	47	-9.49	-0.01	21.15	1.61	-49.48	0.00
		48	9.49	0.01	46.93	-1.61	63.66	-0.01
	13	47	-15.13	0.00	20.46	1.88	-44.69	0.01
		48	15.13	0.00	47.62	-1.88	59.63	-0.01
	14	47	-5.99	-0.02	24.07	2.13	-47.63	-0.01
		48	5.99	0.02	44.01	-2.13	58.59	-0.01
	15	47	-12.32	-0.01	23.38	2.43	-42.04	0.00
		48	12.32	0.01	44.70	-2.43	53.77	-0.01
	16	47	-9.03	-0.01	21.22	1.63	-50.16	0.00
		48	9.03	0.01	46.86	-1.63	64.27	-0.01
	17	47	-17.50	0.01	20.06	1.65	-41.24	0.02
		48	17.50	-0.01	48.02	-1.65	56.62	-0.01
	18	47	-2.26	-0.02	26.08	2.06	-46.14	-0.02

	48	2.26	0.02	42.00	-2.06	54.89	-0.01
19	47	-12.81	0.00	24.92	2.55	-36.83	0.00
	48	12.81	0.00	43.16	-2.55	46.86	-0.01
20	47	-7.34	-0.01	21.32	1.23	-50.36	0.00
	48	7.34	0.01	46.76	-1.23	64.35	-0.01
21	47	-11.36	0.00	16.05	1.42	-33.56	0.01
	48	11.36	0.00	36.32	-1.42	44.71	-0.01
22	47	-5.26	-0.01	18.46	1.58	-35.52	-0.01
	48	5.26	0.01	33.91	-1.58	44.02	-0.01
23	47	-9.48	-0.01	17.99	1.78	-31.79	0.00
	48	9.48	0.01	34.38	-1.78	40.80	-0.01
24	47	-7.29	-0.01	16.55	1.25	-37.21	0.00
	48	7.29	0.01	35.82	-1.25	47.80	-0.01
25	47	-11.05	0.00	16.10	1.43	-34.01	0.01
	48	11.05	0.00	36.27	-1.43	45.11	-0.01
26	47	-4.96	-0.01	18.50	1.59	-35.97	-0.01
	48	4.96	0.01	33.87	-1.59	44.42	-0.01
27	47	-9.18	-0.01	18.04	1.79	-32.25	0.00
	48	9.18	0.01	34.33	-1.79	41.21	-0.01
28	47	-6.99	-0.01	16.60	1.26	-37.66	0.00
	48	6.99	0.01	35.77	-1.26	48.21	-0.01
29	47	-12.64	0.00	15.83	1.27	-31.71	0.01
	48	12.64	0.00	36.54	-1.27	43.11	-0.01
30	47	-2.47	-0.02	19.84	1.55	-34.98	-0.01
	48	2.47	0.02	32.53	-1.55	41.96	-0.01
31	47	-9.51	0.00	19.07	1.87	-28.77	0.00
	48	9.51	0.00	33.30	-1.87	36.60	-0.01
32	47	-5.86	-0.01	16.67	0.99	-37.80	0.00
	48	5.86	0.01	35.70	-0.99	48.26	-0.01
33	47	-7.24	-0.01	18.42	1.31	-31.66	0.00
	48	7.24	0.01	33.95	-1.31	40.21	-0.01
34	47	-7.41	-0.01	18.20	1.35	-32.33	0.00
	48	7.41	0.01	34.17	-1.35	41.11	-0.01
35	47	-8.24	0.00	18.01	1.28	-31.34	0.00
	48	8.24	0.00	34.36	-1.28	40.34	-0.01
36	47	-6.21	-0.01	18.81	1.34	-32.00	0.00
	48	6.21	0.01	33.56	-1.34	40.11	-0.01
37	47	-7.61	-0.01	18.66	1.40	-30.76	0.00
	48	7.61	0.01	33.71	-1.40	39.04	-0.01
38	47	-6.88	-0.01	18.18	1.23	-32.56	0.00
	48	6.88	0.01	34.19	-1.23	41.37	-0.01
39	47	-7.24	-0.01	18.42	1.31	-31.66	0.00
	48	7.24	0.01	33.95	-1.31	40.21	-0.01
40	47	-100.57	0.20	-43.80	-3.11	29.18	0.24
	48	100.57	-0.20	43.80	3.11	19.00	-0.01
41	47	-116.19	0.25	-47.67	-3.67	37.18	0.30
	48	116.19	-0.25	47.67	3.67	15.26	-0.02
42	47	-18.49	0.05	2.03	6.15	46.71	0.05
	48	18.49	-0.05	-2.03	-6.15	-48.94	0.00
43	47	-9.64	-0.02	4.53	3.41	41.50	-0.02

	48	9.64	0.02	-4.53	-3.41	-46.49	0.00
44	47	-113.36	0.21	-24.78	0.04	11.53	0.25
	48	113.36	-0.21	77.15	-0.04	44.53	-0.02
45	47	-102.27	0.18	-25.99	-3.65	-16.49	0.23
	48	102.27	-0.18	78.36	3.65	73.89	-0.02
46	47	-110.70	0.19	-24.02	-0.78	9.97	0.23
	48	110.70	-0.19	76.40	0.78	45.26	-0.02
47	47	-104.92	0.20	-26.75	-2.83	-14.93	0.25
	48	104.92	-0.20	79.12	2.83	73.16	-0.02
48	47	87.78	-0.20	62.83	6.27	-46.83	-0.22
	48	-87.78	0.20	-10.46	-6.27	6.53	0.01
49	47	98.87	-0.22	61.61	2.58	-74.86	-0.25
	48	-98.87	0.22	-9.24	-2.58	35.89	0.01
50	47	90.43	-0.22	63.58	5.45	-48.40	-0.24
	48	-90.43	0.22	-11.21	-5.45	7.26	0.01
51	47	96.22	-0.20	60.86	3.40	-73.30	-0.23
	48	-96.22	0.20	-8.49	-3.40	35.16	0.01
52	47	-128.98	0.26	-28.65	-0.51	19.53	0.31
	48	128.98	-0.26	81.02	0.51	40.79	-0.03
53	47	-117.89	0.23	-29.87	-4.20	-8.49	0.28
	48	117.89	-0.23	82.24	4.20	70.15	-0.03
54	47	-126.33	0.24	-27.90	-1.33	17.97	0.29
	48	126.33	-0.24	80.27	1.33	41.52	-0.03
55	47	-120.55	0.25	-30.62	-3.38	-6.93	0.31
	48	120.55	-0.25	82.99	3.38	69.41	-0.03
56	47	103.41	-0.24	66.70	6.82	-54.84	-0.28
	48	-103.41	0.24	-14.33	-6.82	10.27	0.02
57	47	114.50	-0.27	65.48	3.13	-82.86	-0.31
	48	-114.50	0.27	-13.11	-3.13	39.63	0.01
58	47	106.06	-0.26	67.45	6.00	-56.40	-0.30
	48	-106.06	0.26	-15.08	-6.00	11.01	0.02
59	47	111.84	-0.25	64.73	3.95	-81.30	-0.29
	48	-111.84	0.25	-12.36	-3.95	38.90	0.02
60	47	-55.90	0.10	7.31	6.53	23.80	0.12
	48	55.90	-0.10	45.07	-6.53	-3.03	-0.01
61	47	4.44	-0.02	33.59	8.39	6.29	-0.02
	48	-4.44	0.02	18.78	-8.39	-14.43	0.00
62	47	-60.59	0.11	6.14	6.36	26.20	0.14
	48	60.59	-0.11	46.23	-6.36	-4.15	-0.01
63	47	9.13	-0.04	34.75	8.56	3.89	-0.04
	48	-9.13	0.04	17.62	-8.56	-13.31	0.00
64	47	-18.93	0.01	3.25	-5.78	-69.62	0.03
	48	18.93	-0.01	49.12	5.78	94.85	-0.02
65	47	41.41	-0.11	29.53	-3.91	-87.13	-0.12
	48	-41.41	0.11	22.84	3.91	83.45	-0.01
66	47	-23.62	0.02	2.09	-5.94	-67.22	0.04
	48	23.62	-0.02	50.29	5.94	93.73	-0.02
67	47	46.10	-0.13	30.69	-3.74	-89.53	-0.13
	48	-46.10	0.13	21.68	3.74	84.57	0.00
68	47	-47.05	0.03	9.81	3.79	18.59	0.05

		48	47.05	-0.03	42.56	-3.79	-0.58	-0.01
69		47	13.29	-0.09	36.09	5.66	1.08	-0.09
		48	-13.29	0.09	16.28	-5.66	-11.98	0.00
70		47	-51.74	0.05	8.65	3.62	20.99	0.07
		48	51.74	-0.05	43.72	-3.62	-1.70	-0.02
71		47	17.98	-0.10	37.25	5.82	-1.32	-0.11
		48	-17.98	0.10	15.12	-5.82	-10.86	0.00
72		47	-27.78	0.07	0.74	-3.04	-64.41	0.09
		48	27.78	-0.07	51.63	3.04	92.40	-0.01
73		47	32.57	-0.05	27.02	-1.17	-81.92	-0.05
		48	-32.57	0.05	25.35	1.17	81.00	0.00
74		47	-32.46	0.09	-0.42	-3.20	-62.01	0.11
		48	32.46	-0.09	52.79	3.20	91.28	-0.02
75		47	37.25	-0.06	28.18	-1.00	-84.32	-0.07
		48	-37.25	0.06	24.19	1.00	82.12	0.00
68	1	48	-2.66	0.03	25.86	0.95	-35.02	0.01
		49	2.66	-0.03	-4.96	-0.95	18.07	0.02
	2	48	-4.58	0.01	20.76	0.36	-5.19	0.00
		49	4.58	-0.01	10.71	-0.36	-0.34	0.01
	3	48	-0.71	0.00	1.12	0.09	-1.85	0.00
		49	0.71	0.00	-1.12	-0.09	0.63	0.00
	4	48	-0.82	0.00	2.23	0.21	-4.52	0.00
		49	0.82	0.00	-2.23	-0.21	2.07	0.00
	5	48	-4.98	0.01	-1.99	-0.14	-0.63	0.00
		49	4.98	-0.01	1.99	0.14	2.82	0.02
	6	48	5.18	-0.02	1.90	0.13	0.51	0.00
		49	-5.18	0.02	-1.90	-0.13	-2.60	-0.02
	7	48	-1.85	-0.01	0.70	0.46	5.87	0.00
		49	1.85	0.01	-0.70	-0.46	-6.64	0.00
	8	48	1.80	0.01	-0.65	-0.42	-5.79	0.00
		49	-1.80	-0.01	0.65	0.42	6.50	0.00
	9	48	-15.59	0.07	62.17	1.86	-59.02	0.01
		49	15.59	-0.07	5.91	-1.86	28.07	0.06
	10	48	-6.44	0.04	65.66	2.11	-57.98	0.01
		49	6.44	-0.04	2.42	-2.11	23.20	0.04
	11	48	-12.77	0.05	64.59	2.40	-53.16	0.01
		49	12.77	-0.05	3.49	-2.40	19.56	0.05
	12	48	-9.49	0.06	63.38	1.61	-63.66	0.01
		49	9.49	-0.06	4.70	-1.61	31.39	0.05
	13	48	-15.13	0.07	62.17	1.88	-59.63	0.01
		49	15.13	-0.07	5.91	-1.88	28.68	0.06
	14	48	-5.99	0.04	65.66	2.13	-58.59	0.01
		49	5.99	-0.04	2.42	-2.13	23.81	0.04
	15	48	-12.32	0.05	64.59	2.43	-53.77	0.01
		49	12.32	-0.05	3.49	-2.43	20.17	0.05
	16	48	-9.03	0.06	63.38	1.63	-64.27	0.01
		49	9.03	-0.06	4.71	-1.63	32.00	0.05
	17	48	-17.50	0.08	59.30	1.65	-56.62	0.01
		49	17.50	-0.08	8.78	-1.65	28.83	0.07

18	48	-2.26	0.03	65.13	2.06	-54.89	0.01
	49	2.26	-0.03	2.95	-2.06	20.70	0.02
19	48	-12.81	0.05	63.33	2.55	-46.86	0.01
	49	12.81	-0.05	4.75	-2.55	14.64	0.04
20	48	-7.34	0.06	61.32	1.23	-64.35	0.01
	49	7.34	-0.06	6.77	-1.23	34.35	0.05
21	48	-11.36	0.05	47.66	1.42	-44.71	0.01
	49	11.36	-0.05	4.71	-1.42	21.08	0.05
22	48	-5.26	0.03	49.99	1.58	-44.02	0.01
	49	5.26	-0.03	2.38	-1.58	17.83	0.03
23	48	-9.48	0.04	49.28	1.78	-40.80	0.01
	49	9.48	-0.04	3.10	-1.78	15.40	0.04
24	48	-7.29	0.05	48.47	1.25	-47.80	0.01
	49	7.29	-0.05	3.90	-1.25	23.29	0.04
25	48	-11.05	0.05	47.66	1.43	-45.11	0.01
	49	11.05	-0.05	4.71	-1.43	21.49	0.05
26	48	-4.96	0.03	49.99	1.59	-44.42	0.01
	49	4.96	-0.03	2.38	-1.59	18.24	0.03
27	48	-9.18	0.04	49.28	1.79	-41.21	0.01
	49	9.18	-0.04	3.10	-1.79	15.81	0.04
28	48	-6.99	0.05	48.47	1.26	-48.21	0.01
	49	6.99	-0.05	3.90	-1.26	23.70	0.04
29	48	-12.64	0.06	45.75	1.27	-43.11	0.01
	49	12.64	-0.06	6.62	-1.27	21.58	0.05
30	48	-2.47	0.03	49.63	1.55	-41.96	0.01
	49	2.47	-0.03	2.74	-1.55	16.16	0.02
31	48	-9.51	0.04	48.44	1.87	-36.60	0.01
	49	9.51	-0.04	3.93	-1.87	12.12	0.03
32	48	-5.86	0.05	47.09	0.99	-48.26	0.01
	49	5.86	-0.05	5.28	-0.99	25.27	0.04
33	48	-7.24	0.04	46.62	1.31	-40.21	0.01
	49	7.24	-0.04	5.75	-1.31	17.73	0.03
34	48	-7.41	0.04	47.07	1.35	-41.11	0.01
	49	7.41	-0.04	5.30	-1.35	18.14	0.03
35	48	-8.24	0.04	46.23	1.28	-40.34	0.01
	49	8.24	-0.04	6.15	-1.28	18.29	0.04
36	48	-6.21	0.04	47.00	1.34	-40.11	0.01
	49	6.21	-0.04	5.37	-1.34	17.21	0.03
37	48	-7.61	0.04	46.76	1.40	-39.04	0.01
	49	7.61	-0.04	5.61	-1.40	16.40	0.03
38	48	-6.88	0.04	46.49	1.23	-41.37	0.01
	49	6.88	-0.04	5.88	-1.23	19.03	0.03
39	48	-7.24	0.04	46.62	1.31	-40.21	0.01
	49	7.24	-0.04	5.75	-1.31	17.73	0.03
40	48	-100.57	0.28	-42.82	-3.11	-19.00	0.01
	49	100.57	-0.28	42.82	3.11	66.10	0.30
41	48	-116.19	0.38	-46.45	-3.67	-15.26	0.02
	49	116.19	-0.38	46.45	3.67	66.35	0.39
42	48	-18.49	0.03	-5.42	6.15	48.94	0.00
	49	18.49	-0.03	5.42	-6.15	-42.98	0.03

43	48	-9.64	-0.02	-2.30	3.41	46.49	0.00
	49	9.64	0.02	2.30	-3.41	-43.96	-0.02
44	48	-113.36	0.33	2.18	0.04	-44.53	0.02
	49	113.36	-0.33	50.20	-0.04	70.94	0.34
45	48	-102.27	0.31	5.43	-3.65	-73.89	0.02
	49	102.27	-0.31	46.94	3.65	96.72	0.32
46	48	-110.70	0.31	3.11	-0.78	-45.26	0.02
	49	110.70	-0.31	49.26	0.78	70.64	0.32
47	48	-104.92	0.33	4.49	-2.83	-73.16	0.02
	49	104.92	-0.33	47.88	2.83	97.02	0.34
48	48	87.78	-0.23	87.82	6.27	-6.53	-0.01
	49	-87.78	0.23	-35.45	-6.27	-61.27	-0.25
49	48	98.87	-0.25	91.07	2.58	-35.89	-0.01
	49	-98.87	0.25	-38.70	-2.58	-35.48	-0.27
50	48	90.43	-0.25	88.75	5.45	-7.26	-0.01
	49	-90.43	0.25	-36.38	-5.45	-61.56	-0.27
51	48	96.22	-0.24	90.13	3.40	-35.16	-0.01
	49	-96.22	0.24	-37.76	-3.40	-35.18	-0.25
52	48	-128.98	0.42	-1.46	-0.51	-40.79	0.03
	49	128.98	-0.42	53.83	0.51	71.19	0.44
53	48	-117.89	0.41	1.80	-4.20	-70.15	0.03
	49	117.89	-0.41	50.57	4.20	96.98	0.42
54	48	-126.33	0.41	-0.52	-1.33	-41.52	0.03
	49	126.33	-0.41	52.89	1.33	70.89	0.42
55	48	-120.55	0.42	0.86	-3.38	-69.41	0.03
	49	120.55	-0.42	51.51	3.38	97.27	0.43
56	48	103.41	-0.33	91.45	6.82	-10.27	-0.02
	49	-103.41	0.33	-39.08	-6.82	-61.52	-0.35
57	48	114.50	-0.35	94.70	3.13	-39.63	-0.01
	49	-114.50	0.35	-42.33	-3.13	-35.73	-0.37
58	48	106.06	-0.35	92.39	6.00	-11.01	-0.02
	49	-106.06	0.35	-40.01	-6.00	-61.81	-0.36
59	48	111.84	-0.33	93.76	3.95	-38.90	-0.02
	49	-111.84	0.33	-41.39	-3.95	-35.44	-0.35
60	48	-55.90	0.15	28.35	6.53	3.03	0.01
	49	55.90	-0.15	24.02	-6.53	-5.42	0.16
61	48	4.44	-0.02	54.05	8.39	14.43	0.00
	49	-4.44	0.02	-1.68	-8.39	-45.08	-0.02
62	48	-60.59	0.18	27.26	6.36	4.15	0.01
	49	60.59	-0.18	25.11	-6.36	-5.34	0.19
63	48	9.13	-0.05	55.14	8.56	13.31	0.00
	49	-9.13	0.05	-2.77	-8.56	-45.15	-0.05
64	48	-18.93	0.09	39.20	-5.78	-94.85	0.02
	49	18.93	-0.09	13.17	5.78	80.54	0.09
65	48	41.41	-0.07	64.89	-3.91	-83.45	0.01
	49	-41.41	0.07	-12.52	3.91	40.87	-0.09
66	48	-23.62	0.12	38.11	-5.94	-93.73	0.02
	49	23.62	-0.12	14.26	5.94	80.61	0.12
67	48	46.10	-0.10	65.98	-3.74	-84.57	0.00
	49	-46.10	0.10	-13.61	3.74	40.80	-0.12

	68	48	-47.05	0.10	31.48	3.79	0.58	0.01
		49	47.05	-0.10	20.89	-3.79	-6.40	0.10
	69	48	13.29	-0.07	57.17	5.66	11.98	0.00
		49	-13.29	0.07	-4.80	-5.66	-46.07	-0.08
	70	48	-51.74	0.13	30.39	3.62	1.70	0.02
		49	51.74	-0.13	21.98	-3.62	-6.33	0.13
	71	48	17.98	-0.10	58.26	5.82	10.86	0.00
		49	-17.98	0.10	-5.89	-5.82	-46.14	-0.11
	72	48	-27.78	0.14	36.07	-3.04	-92.40	0.01
		49	27.78	-0.14	16.30	3.04	81.52	0.14
	73	48	32.57	-0.03	61.77	-1.17	-81.00	0.00
		49	-32.57	0.03	-9.40	1.17	41.86	-0.03
	74	48	-32.46	0.17	34.98	-3.20	-91.28	0.02
		49	32.46	-0.17	17.39	3.20	81.60	0.17
	75	48	37.25	-0.05	62.86	-1.00	-82.12	0.00
		49	-37.25	0.05	-10.48	1.00	41.79	-0.06
69	1	49	-2.66	-0.10	47.95	0.95	-18.07	-0.02
		50	2.66	0.10	-27.05	-0.95	-23.19	-0.08
	2	49	-4.58	-0.05	26.93	0.36	0.34	-0.01
		50	4.58	0.05	4.54	-0.36	-12.66	-0.04
	3	49	-0.71	-0.01	2.83	0.09	-0.63	0.00
		50	0.71	0.01	-2.83	-0.09	-2.48	-0.01
	4	49	-0.82	-0.02	5.57	0.21	-2.07	0.00
		50	0.82	0.02	-5.57	-0.21	-4.06	-0.02
	5	49	-4.98	-0.07	-1.92	-0.14	-2.82	-0.02
		50	4.98	0.07	1.92	0.14	4.93	-0.06
	6	49	5.18	0.07	1.80	0.13	2.60	0.02
		50	-5.18	-0.07	-1.80	-0.13	-4.58	0.06
	7	49	-1.85	0.02	0.14	0.46	6.64	0.00
		50	1.85	-0.02	-0.14	-0.46	-6.80	0.01
	8	49	1.80	-0.02	-0.04	-0.42	-6.50	0.00
		50	-1.80	0.02	0.04	0.42	6.55	-0.01
	9	49	-15.59	-0.28	104.04	1.86	-28.07	-0.06
		50	15.59	0.28	-35.96	-1.86	-48.93	-0.25
	10	49	-6.44	-0.16	107.39	2.11	-23.20	-0.04
		50	6.44	0.16	-39.31	-2.11	-57.49	-0.14
	11	49	-12.77	-0.21	105.90	2.40	-19.56	-0.05
		50	12.77	0.21	-37.82	-2.40	-59.48	-0.18
	12	49	-9.49	-0.24	105.74	1.61	-31.39	-0.05
		50	9.49	0.24	-37.65	-1.61	-47.47	-0.21
	13	49	-15.13	-0.28	103.98	1.88	-28.68	-0.06
		50	15.13	0.28	-35.90	-1.88	-48.25	-0.24
	14	49	-5.99	-0.16	107.33	2.13	-23.81	-0.04
		50	5.99	0.16	-39.25	-2.13	-56.81	-0.13
	15	49	-12.32	-0.20	105.84	2.43	-20.17	-0.05
		50	12.32	0.20	-37.76	-2.43	-58.81	-0.18
	16	49	-9.03	-0.23	105.68	1.63	-32.00	-0.05
		50	9.03	0.23	-37.59	-1.63	-46.80	-0.20
	17	49	-17.50	-0.31	98.65	1.65	-28.83	-0.07

	50	17.50	0.31	-30.57	-1.65	-42.25	-0.27
18	49	-2.26	-0.10	104.23	2.06	-20.70	-0.02
	50	2.26	0.10	-36.15	-2.06	-56.51	-0.09
19	49	-12.81	-0.18	101.75	2.55	-14.64	-0.04
	50	12.81	0.18	-33.66	-2.55	-59.84	-0.16
20	49	-7.34	-0.23	101.47	1.23	-34.35	-0.05
	50	7.34	0.23	-33.39	-1.23	-39.82	-0.20
21	49	-11.36	-0.21	79.35	1.42	-21.08	-0.05
	50	11.36	0.21	-26.98	-1.42	-37.40	-0.18
22	49	-5.26	-0.13	81.58	1.58	-17.83	-0.03
	50	5.26	0.13	-29.21	-1.58	-43.10	-0.11
23	49	-9.48	-0.16	80.58	1.78	-15.40	-0.04
	50	9.48	0.16	-28.21	-1.78	-44.43	-0.14
24	49	-7.29	-0.18	80.48	1.25	-23.29	-0.04
	50	7.29	0.18	-28.10	-1.25	-36.43	-0.15
25	49	-11.05	-0.21	79.31	1.43	-21.49	-0.05
	50	11.05	0.21	-26.94	-1.43	-36.95	-0.18
26	49	-4.96	-0.12	81.54	1.59	-18.24	-0.03
	50	4.96	0.12	-29.17	-1.59	-42.65	-0.11
27	49	-9.18	-0.15	80.54	1.79	-15.81	-0.04
	50	9.18	0.15	-28.17	-1.79	-43.98	-0.13
28	49	-6.99	-0.18	80.44	1.26	-23.70	-0.04
	50	6.99	0.18	-28.06	-1.26	-35.98	-0.15
29	49	-12.64	-0.22	75.75	1.27	-21.58	-0.05
	50	12.64	0.22	-23.38	-1.27	-32.94	-0.20
30	49	-2.47	-0.09	79.47	1.55	-16.16	-0.02
	50	2.47	0.09	-27.10	-1.55	-42.45	-0.07
31	49	-9.51	-0.14	77.82	1.87	-12.12	-0.03
	50	9.51	0.14	-25.44	-1.87	-44.67	-0.12
32	49	-5.86	-0.17	77.63	0.99	-25.27	-0.04
	50	5.86	0.17	-25.26	-0.99	-31.33	-0.15
33	49	-7.24	-0.15	74.89	1.31	-17.73	-0.03
	50	7.24	0.15	-22.52	-1.31	-35.84	-0.13
34	49	-7.41	-0.15	76.00	1.35	-18.14	-0.03
	50	7.41	0.15	-23.63	-1.35	-36.66	-0.13
35	49	-8.24	-0.16	74.50	1.28	-18.29	-0.04
	50	8.24	0.16	-22.13	-1.28	-34.86	-0.14
36	49	-6.21	-0.13	75.25	1.34	-17.21	-0.03
	50	6.21	0.13	-22.88	-1.34	-36.76	-0.11
37	49	-7.61	-0.14	74.92	1.40	-16.40	-0.03
	50	7.61	0.14	-22.55	-1.40	-37.20	-0.12
38	49	-6.88	-0.15	74.88	1.23	-19.03	-0.03
	50	6.88	0.15	-22.51	-1.23	-34.53	-0.13
39	49	-7.24	-0.15	74.89	1.31	-17.73	-0.03
	50	7.24	0.15	-22.52	-1.31	-35.84	-0.13
40	49	-100.57	-1.33	-41.61	-3.11	-66.10	-0.30
	50	100.57	1.33	41.61	3.11	111.87	-1.17
41	49	-116.19	-1.76	-44.97	-3.67	-66.35	-0.39
	50	116.19	1.76	44.97	3.67	115.82	-1.54
42	49	-18.49	-0.16	-13.54	6.15	42.98	-0.03

	50	18.49	0.16	13.54	-6.15	-28.09	-0.14
43	49	-9.64	0.10	-9.54	3.41	43.96	0.02
	50	9.64	-0.10	9.54	-3.41	-33.47	0.09
44	49	-113.36	-1.52	29.22	0.04	-70.94	-0.34
	50	113.36	1.52	23.15	-0.04	67.60	-1.34
45	49	-102.27	-1.43	37.34	-3.65	-96.72	-0.32
	50	102.27	1.43	15.03	3.65	84.45	-1.25
46	49	-110.70	-1.45	30.42	-0.78	-70.64	-0.32
	50	110.70	1.45	21.95	0.78	65.99	-1.27
47	49	-104.92	-1.51	36.14	-2.83	-97.02	-0.34
	50	104.92	1.51	16.23	2.83	86.07	-1.32
48	49	87.78	1.13	112.43	6.27	61.27	0.25
	50	-87.78	-1.13	-60.06	-6.27	-156.14	1.00
49	49	98.87	1.23	120.56	2.58	35.48	0.27
	50	-98.87	-1.23	-68.18	-2.58	-139.29	1.08
50	49	90.43	1.21	113.63	5.45	61.56	0.27
	50	-90.43	-1.21	-61.26	-5.45	-157.75	1.07
51	49	96.22	1.15	119.36	3.40	35.18	0.25
	50	-96.22	-1.15	-66.99	-3.40	-137.67	1.01
52	49	-128.98	-1.95	25.86	-0.51	-71.19	-0.44
	50	128.98	1.95	26.51	0.51	71.55	-1.71
53	49	-117.89	-1.86	33.98	-4.20	-96.98	-0.42
	50	117.89	1.86	18.39	4.20	88.40	-1.63
54	49	-126.33	-1.87	27.06	-1.33	-70.89	-0.42
	50	126.33	1.87	25.31	1.33	69.94	-1.64
55	49	-120.55	-1.94	32.78	-3.38	-97.27	-0.43
	50	120.55	1.94	19.59	3.38	90.02	-1.70
56	49	103.41	1.56	115.80	6.82	61.52	0.35
	50	-103.41	-1.56	-63.42	-6.82	-160.09	1.37
57	49	114.50	1.66	123.92	3.13	35.73	0.37
	50	-114.50	-1.66	-71.55	-3.13	-143.24	1.46
58	49	106.06	1.64	116.99	6.00	61.81	0.36
	50	-106.06	-1.64	-64.62	-6.00	-161.70	1.44
59	49	111.84	1.58	122.72	3.95	35.44	0.35
	50	-111.84	-1.58	-70.35	-3.95	-141.62	1.39
60	49	-55.90	-0.71	48.87	6.53	5.42	-0.16
	50	55.90	0.71	3.50	-6.53	-30.37	-0.62
61	49	4.44	0.09	73.83	8.39	45.08	0.02
	50	-4.44	-0.09	-21.46	-8.39	-97.49	0.08
62	49	-60.59	-0.83	47.86	6.36	5.34	-0.19
	50	60.59	0.83	4.51	-6.36	-29.18	-0.73
63	49	9.13	0.22	74.84	8.56	45.15	0.05
	50	-9.13	-0.22	-22.47	-8.56	-98.68	0.19
64	49	-18.93	-0.39	75.94	-5.78	-80.54	-0.09
	50	18.93	0.39	-23.57	5.78	25.80	-0.34
65	49	41.41	0.41	100.91	-3.91	-40.87	0.09
	50	-41.41	-0.41	-48.53	3.91	-41.32	0.36
66	49	-23.62	-0.51	74.93	-5.94	-80.61	-0.12
	50	23.62	0.51	-22.56	5.94	26.99	-0.45
67	49	46.10	0.54	101.91	-3.74	-40.80	0.12

		50	-46.10	-0.54	-49.54	3.74	-42.50	0.48
68		49	-47.05	-0.44	52.87	3.79	6.40	-0.10
		50	47.05	0.44	-0.49	-3.79	-35.75	-0.39
69		49	13.29	0.35	77.83	5.66	46.07	0.08
		50	-13.29	-0.35	-25.46	-5.66	-102.87	0.31
70		49	-51.74	-0.57	51.86	3.62	6.33	-0.13
		50	51.74	0.57	0.51	-3.62	-34.57	-0.50
71		49	17.98	0.48	78.84	5.82	46.14	0.11
		50	-17.98	-0.48	-26.47	-5.82	-104.06	0.43
72		49	-27.78	-0.65	71.95	-3.04	-81.52	-0.14
		50	27.78	0.65	-19.57	3.04	31.19	-0.57
73		49	32.57	0.15	96.91	-1.17	-41.86	0.03
		50	-32.57	-0.15	-44.54	1.17	-35.93	0.13
74		49	-32.46	-0.78	70.94	-3.20	-81.60	-0.17
		50	32.46	0.78	-18.57	3.20	32.37	-0.68
75		49	37.25	0.28	97.92	-1.00	-41.79	0.06
		50	-37.25	-0.28	-45.55	1.00	-37.12	0.25
70	1	50	-2.66	0.41	70.21	0.95	23.19	0.08
		4	2.66	-0.41	-51.21	-0.95	-83.90	0.33
	2	50	-4.58	0.21	33.03	0.36	12.66	0.04
		4	4.58	-0.21	-4.42	-0.36	-31.38	0.17
	3	50	-0.71	0.05	4.53	0.09	2.48	0.01
		4	0.71	-0.05	-4.53	-0.09	-7.01	0.04
	4	50	-0.82	0.08	8.92	0.21	4.06	0.02
		4	0.82	-0.08	-8.92	-0.21	-12.99	0.06
	5	50	-4.98	0.30	-1.82	-0.14	-4.93	0.06
		4	4.98	-0.30	1.82	0.14	6.76	0.24
	6	50	5.18	-0.30	1.68	0.13	4.58	-0.06
		4	-5.18	0.30	-1.68	-0.13	-6.26	-0.24
	7	50	-1.85	-0.07	-0.50	0.46	6.80	-0.01
		4	1.85	0.07	0.50	-0.46	-6.30	-0.06
	8	50	1.80	0.07	0.65	-0.42	-6.55	0.01
		4	-1.80	-0.07	-0.65	0.42	5.90	0.06
	9	50	-15.59	1.21	146.07	1.86	48.93	0.25
		4	15.59	-1.21	-84.17	-1.86	-164.05	0.96
	10	50	-6.44	0.67	149.22	2.11	57.49	0.14
		4	6.44	-0.67	-87.33	-2.11	-175.76	0.53
	11	50	-12.77	0.88	147.26	2.40	59.48	0.18
		4	12.77	-0.88	-85.37	-2.40	-175.80	0.70
	12	50	-9.49	1.01	148.29	1.61	47.47	0.21
		4	9.49	-1.01	-86.40	-1.61	-164.82	0.80
	13	50	-15.13	1.20	145.96	1.88	48.25	0.24
		4	15.13	-1.20	-84.07	-1.88	-163.26	0.95
	14	50	-5.99	0.66	149.11	2.13	56.81	0.13
		4	5.99	-0.66	-87.22	-2.13	-174.98	0.52
	15	50	-12.32	0.87	147.15	2.43	58.81	0.18
		4	12.32	-0.87	-85.26	-2.43	-175.01	0.69
	16	50	-9.03	1.00	148.19	1.63	46.80	0.20
		4	9.03	-1.00	-86.29	-1.63	-164.04	0.79

17	50	-17.50	1.32	138.17	1.65	42.25	0.27
	4	17.50	-1.32	-76.28	-1.65	-149.47	1.05
18	50	-2.26	0.42	143.43	2.06	56.51	0.09
	4	2.26	-0.42	-81.54	-2.06	-169.00	0.33
19	50	-12.81	0.76	140.16	2.55	59.84	0.16
	4	12.81	-0.76	-78.27	-2.55	-169.06	0.61
20	50	-7.34	0.98	141.88	1.23	39.82	0.20
	4	7.34	-0.98	-79.99	-1.23	-150.76	0.78
21	50	-11.36	0.89	111.14	1.42	37.40	0.18
	4	11.36	-0.89	-63.53	-1.42	-124.74	0.71
22	50	-5.26	0.53	113.25	1.58	43.10	0.11
	4	5.26	-0.53	-65.64	-1.58	-132.55	0.42
23	50	-9.48	0.67	111.94	1.78	44.43	0.14
	4	9.48	-0.67	-64.33	-1.78	-132.57	0.53
24	50	-7.29	0.76	112.63	1.25	36.43	0.15
	4	7.29	-0.76	-65.02	-1.25	-125.25	0.60
25	50	-11.05	0.88	111.07	1.43	36.95	0.18
	4	11.05	-0.88	-63.46	-1.43	-124.21	0.70
26	50	-4.96	0.52	113.18	1.59	42.65	0.11
	4	4.96	-0.52	-65.57	-1.59	-132.02	0.42
27	50	-9.18	0.66	111.87	1.79	43.98	0.13
	4	9.18	-0.66	-64.26	-1.79	-132.05	0.53
28	50	-6.99	0.75	112.56	1.26	35.98	0.15
	4	6.99	-0.75	-64.95	-1.26	-124.73	0.59
29	50	-12.64	0.96	105.88	1.27	32.94	0.20
	4	12.64	-0.96	-58.27	-1.27	-115.02	0.76
30	50	-2.47	0.36	109.39	1.55	42.45	0.07
	4	2.47	-0.36	-61.78	-1.55	-128.04	0.29
31	50	-9.51	0.59	107.21	1.87	44.67	0.12
	4	9.51	-0.59	-59.60	-1.87	-128.07	0.47
32	50	-5.86	0.74	108.35	0.99	31.33	0.15
	4	5.86	-0.74	-60.74	-0.99	-115.88	0.59
33	50	-7.24	0.62	103.24	1.31	35.84	0.13
	4	7.24	-0.62	-55.63	-1.31	-115.28	0.50
34	50	-7.41	0.64	105.03	1.35	36.66	0.13
	4	7.41	-0.64	-57.42	-1.35	-117.88	0.51
35	50	-8.24	0.68	102.88	1.28	34.86	0.14
	4	8.24	-0.68	-55.27	-1.28	-113.93	0.54
36	50	-6.21	0.56	103.58	1.34	36.76	0.11
	4	6.21	-0.56	-55.97	-1.34	-116.53	0.45
37	50	-7.61	0.61	103.14	1.40	37.20	0.12
	4	7.61	-0.61	-55.53	-1.40	-116.54	0.49
38	50	-6.88	0.64	103.37	1.23	34.53	0.13
	4	6.88	-0.64	-55.76	-1.23	-114.10	0.51
39	50	-7.24	0.62	103.24	1.31	35.84	0.13
	4	7.24	-0.62	-55.63	-1.31	-115.28	0.50
40	50	-100.57	5.74	-39.89	-3.11	-111.87	1.17
	4	100.57	-5.74	39.89	3.11	151.76	4.58
41	50	-116.19	7.59	-42.95	-3.67	-115.82	1.54
	4	116.19	-7.59	42.95	3.67	158.77	6.05

42	50	-18.49	0.70	-22.48	6.15	28.09	0.14
	4	18.49	-0.70	22.48	-6.15	-5.60	0.56
43	50	-9.64	-0.44	-17.37	3.41	33.47	-0.09
	4	9.64	0.44	17.37	-3.41	-16.10	-0.35
44	50	-113.36	6.58	56.61	0.04	-67.60	1.34
	4	113.36	-6.58	-9.00	-0.04	34.80	5.24
45	50	-102.27	6.16	70.10	-3.65	-84.45	1.25
	4	102.27	-6.16	-22.49	3.65	38.16	4.91
46	50	-110.70	6.23	58.14	-0.78	-65.99	1.27
	4	110.70	-6.23	-10.53	0.78	31.65	4.97
47	50	-104.92	6.50	68.57	-2.83	-86.07	1.32
	4	104.92	-6.50	-20.96	2.83	41.31	5.18
48	50	87.78	-4.91	136.39	6.27	156.14	-1.00
	4	-87.78	4.91	-88.78	-6.27	-268.72	-3.91
49	50	98.87	-5.33	149.88	2.58	139.29	-1.08
	4	-98.87	5.33	-102.27	-2.58	-265.36	-4.25
50	50	90.43	-5.25	137.92	5.45	157.75	-1.07
	4	-90.43	5.25	-90.31	-5.45	-271.87	-4.19
51	50	96.22	-4.99	148.34	3.40	137.67	-1.01
	4	-96.22	4.99	-100.73	-3.40	-262.21	-3.97
52	50	-128.98	8.43	53.55	-0.51	-71.55	1.71
	4	128.98	-8.43	-5.94	0.51	41.81	6.71
53	50	-117.89	8.01	67.04	-4.20	-88.40	1.63
	4	117.89	-8.01	-19.43	4.20	45.17	6.38
54	50	-126.33	8.08	55.08	-1.33	-69.94	1.64
	4	126.33	-8.08	-7.47	1.33	38.66	6.44
55	50	-120.55	8.35	65.51	-3.38	-90.02	1.70
	4	120.55	-8.35	-17.90	3.38	48.32	6.65
56	50	103.41	-6.76	139.45	6.82	160.09	-1.37
	4	-103.41	6.76	-91.84	-6.82	-275.73	-5.39
57	50	114.50	-7.18	152.94	3.13	143.24	-1.46
	4	-114.50	7.18	-105.33	-3.13	-272.37	-5.72
58	50	106.06	-7.10	140.98	6.00	161.70	-1.44
	4	-106.06	7.10	-93.37	-6.00	-278.88	-5.66
59	50	111.84	-6.84	151.40	3.95	141.62	-1.39
	4	-111.84	6.84	-103.79	-3.95	-269.22	-5.45
60	50	-55.90	3.05	68.79	6.53	30.37	0.62
	4	55.90	-3.05	-21.18	-6.53	-75.36	2.43
61	50	4.44	-0.40	92.73	8.39	97.49	-0.08
	4	-4.44	0.40	-45.12	-8.39	-166.41	-0.32
62	50	-60.59	3.60	67.87	6.36	29.18	0.73
	4	60.59	-3.60	-20.26	-6.36	-73.25	2.87
63	50	9.13	-0.96	93.64	8.56	98.68	-0.19
	4	-9.13	0.96	-46.03	-8.56	-168.52	-0.76
64	50	-18.93	1.65	113.76	-5.78	-25.80	0.34
	4	18.93	-1.65	-66.15	5.78	-64.15	1.31
65	50	41.41	-1.80	137.69	-3.91	41.32	-0.36
	4	-41.41	1.80	-90.08	3.91	-155.21	-1.43
66	50	-23.62	2.20	112.84	-5.94	-26.99	0.45
	4	23.62	-2.20	-65.23	5.94	-62.05	1.76

	67	50	46.10	-2.35	138.61	-3.74	42.50	-0.48
		4	-46.10	2.35	-91.00	3.74	-157.31	-1.87
	68	50	-47.05	1.90	73.91	3.79	35.75	0.39
		4	47.05	-1.90	-26.30	-3.79	-85.85	1.52
	69	50	13.29	-1.54	97.84	5.66	102.87	-0.31
		4	-13.29	1.54	-50.23	-5.66	-176.91	-1.23
	70	50	-51.74	2.46	72.99	3.62	34.57	0.50
		4	51.74	-2.46	-25.38	-3.62	-83.75	1.96
	71	50	17.98	-2.10	98.76	5.82	104.06	-0.43
		4	-17.98	2.10	-51.15	-5.82	-179.01	-1.67
	72	50	-27.78	2.79	108.65	-3.04	-31.19	0.57
		4	27.78	-2.79	-61.04	3.04	-53.66	2.22
	73	50	32.57	-0.66	132.58	-1.17	35.93	-0.13
		4	-32.57	0.66	-84.97	1.17	-144.71	-0.52
	74	50	-32.46	3.35	107.73	-3.20	-32.37	0.68
		4	32.46	-3.35	-60.12	3.20	-51.55	2.67
	75	50	37.25	-1.21	133.50	-1.00	37.12	-0.25
		4	-37.25	1.21	-85.89	1.00	-146.82	-0.96
71	1	4	-5.24	0.41	-59.71	-3.69	80.30	0.33
		51	5.24	-0.41	78.71	3.69	-11.10	0.08
	2	4	-2.80	0.21	-6.76	-1.02	36.35	0.17
		51	2.80	-0.21	35.37	1.02	-15.29	0.04
	3	4	-0.55	0.05	-5.30	-0.51	7.50	0.04
		51	0.55	-0.05	5.30	0.51	-2.21	0.01
	4	4	-0.93	0.08	-10.35	-0.66	13.07	0.06
		51	0.93	-0.08	10.35	0.66	-2.72	0.02
	5	4	-0.79	0.30	-1.59	-0.29	4.12	0.24
		51	0.79	-0.30	1.59	0.29	-2.53	0.06
	6	4	0.87	-0.30	1.73	0.45	-4.91	-0.24
		51	-0.87	0.30	-1.73	-0.45	3.18	-0.06
	7	4	-0.43	-0.07	0.66	2.66	10.23	-0.06
		51	0.43	0.07	-0.66	-2.66	-10.89	-0.01
	8	4	0.42	0.07	-0.85	-2.48	-9.67	0.06
		51	-0.42	-0.07	0.85	2.48	10.52	0.01
	9	4	-12.69	1.21	-103.54	-7.64	176.42	0.96
		51	12.69	-1.21	165.43	7.64	-41.94	0.25
	10	4	-11.20	0.67	-100.55	-6.97	168.29	0.53
		51	11.20	-0.67	162.44	6.97	-36.79	0.14
	11	4	-12.37	0.88	-101.52	-4.99	181.92	0.70
		51	12.37	-0.88	163.41	4.99	-49.45	0.18
	12	4	-11.61	1.01	-102.88	-9.61	164.01	0.80
		51	11.61	-1.01	164.77	9.61	-30.19	0.21
	13	4	-12.55	1.20	-103.36	-7.37	174.97	0.95
		51	12.55	-1.20	165.25	7.37	-40.67	0.24
	14	4	-11.07	0.66	-100.37	-6.70	166.84	0.52
		51	11.07	-0.66	162.26	6.70	-35.52	0.14
	15	4	-12.23	0.87	-101.33	-4.71	180.46	0.69
		51	12.23	-0.87	163.23	4.71	-48.18	0.18
	16	4	-11.47	1.00	-102.69	-9.33	162.56	0.79

	51	11.47	-1.00	164.58	9.33	-28.92	0.20
17	4	-12.33	1.31	-96.55	-7.05	167.64	1.05
	51	12.33	-1.31	158.44	7.05	-40.14	0.27
18	4	-9.85	0.42	-91.57	-5.93	154.09	0.33
	51	9.85	-0.42	153.46	5.93	-31.57	0.09
19	4	-11.79	0.76	-93.18	-2.62	176.80	0.61
	51	11.79	-0.76	155.07	2.62	-52.67	0.16
20	4	-10.52	0.98	-95.44	-10.33	146.96	0.78
	51	10.52	-0.98	157.33	10.33	-20.57	0.20
21	4	-9.53	0.89	-77.89	-5.72	133.17	0.71
	51	9.53	-0.89	125.50	5.72	-31.47	0.18
22	4	-8.54	0.53	-75.90	-5.28	127.75	0.42
	51	8.54	-0.53	123.51	5.28	-28.05	0.11
23	4	-9.32	0.67	-76.54	-3.95	136.83	0.53
	51	9.32	-0.67	124.15	3.95	-36.49	0.14
24	4	-8.81	0.76	-77.45	-7.04	124.90	0.60
	51	8.81	-0.76	125.06	7.04	-23.65	0.15
25	4	-9.44	0.88	-77.77	-5.54	132.20	0.70
	51	9.44	-0.88	125.38	5.54	-30.63	0.18
26	4	-8.45	0.52	-75.77	-5.09	126.78	0.42
	51	8.45	-0.52	123.38	5.09	-27.20	0.11
27	4	-9.23	0.66	-76.42	-3.77	135.86	0.53
	51	9.23	-0.66	124.03	3.77	-35.64	0.13
28	4	-8.72	0.75	-77.32	-6.85	123.93	0.59
	51	8.72	-0.75	124.93	6.85	-22.80	0.15
29	4	-9.29	0.96	-73.23	-5.32	127.32	0.76
	51	9.29	-0.96	120.84	5.32	-30.28	0.19
30	4	-7.64	0.36	-69.91	-4.58	118.28	0.29
	51	7.64	-0.36	117.52	4.58	-24.57	0.07
31	4	-8.93	0.59	-70.98	-2.37	133.42	0.47
	51	8.93	-0.59	118.59	2.37	-38.63	0.12
32	4	-8.09	0.74	-72.49	-7.51	113.52	0.59
	51	8.09	-0.74	120.10	7.51	-17.23	0.15
33	4	-8.04	0.62	-66.47	-4.71	116.66	0.50
	51	8.04	-0.62	114.08	4.71	-26.38	0.13
34	4	-8.23	0.64	-68.54	-4.84	119.27	0.51
	51	8.23	-0.64	116.15	4.84	-26.93	0.13
35	4	-8.20	0.68	-66.78	-4.76	117.48	0.54
	51	8.20	-0.68	114.39	4.76	-26.89	0.14
36	4	-7.87	0.56	-66.12	-4.61	115.67	0.45
	51	7.87	-0.56	113.73	4.61	-25.75	0.12
37	4	-8.13	0.61	-66.34	-4.17	118.70	0.49
	51	8.13	-0.61	113.95	4.17	-28.56	0.12
38	4	-7.96	0.64	-66.64	-5.20	114.72	0.51
	51	7.96	-0.64	114.25	5.20	-24.28	0.13
39	4	-8.04	0.62	-66.47	-4.71	116.66	0.50
	51	8.04	-0.62	114.08	4.71	-26.38	0.13
40	4	-15.03	5.72	-30.21	-3.50	70.41	4.57
	51	15.03	-5.72	30.21	3.50	-40.20	1.15
41	4	-17.56	7.56	-36.43	-1.88	97.50	6.04

	51	17.56	-7.56	36.43	1.88	-61.07	1.52
42	4	-3.86	0.70	19.88	22.30	46.51	0.56
	51	3.86	-0.70	-19.88	-22.30	-66.38	0.14
43	4	-2.44	-0.44	17.89	17.75	36.47	-0.35
	51	2.44	0.44	-17.89	-17.75	-54.36	-0.09
44	4	-24.23	6.55	-90.72	-1.51	201.02	5.23
	51	24.23	-6.55	138.33	1.51	-86.50	1.32
45	4	-21.91	6.14	-102.64	-14.89	173.12	4.90
	51	21.91	-6.14	150.25	14.89	-46.67	1.24
46	4	-23.80	6.21	-91.31	-2.88	198.01	4.96
	51	23.80	-6.21	138.92	2.88	-82.89	1.25
47	4	-22.34	6.48	-102.05	-13.53	176.13	5.17
	51	22.34	-6.48	149.66	13.53	-50.28	1.31
48	4	5.83	-4.89	-30.29	5.48	60.19	-3.91
	51	-5.83	4.89	77.90	-5.48	-6.10	-0.98
49	4	8.14	-5.31	-42.22	-7.90	32.29	-4.24
	51	-8.14	5.31	89.83	7.90	33.73	-1.07
50	4	6.25	-5.23	-30.89	4.12	57.18	-4.18
	51	-6.25	5.23	78.50	-4.12	-2.49	-1.05
51	4	7.72	-4.96	-41.62	-6.53	35.30	-3.97
	51	-7.72	4.96	89.23	6.53	30.12	-1.00
52	4	-26.76	8.40	-96.94	0.10	228.11	6.70
	51	26.76	-8.40	144.55	-0.10	-107.37	1.69
53	4	-24.44	7.98	-108.86	-13.27	200.20	6.37
	51	24.44	-7.98	156.47	13.27	-67.54	1.61
54	4	-26.33	8.05	-97.53	-1.26	225.10	6.43
	51	26.33	-8.05	145.14	1.26	-103.76	1.62
55	4	-24.87	8.32	-108.27	-11.91	203.21	6.64
	51	24.87	-8.32	155.88	11.91	-71.14	1.68
56	4	8.36	-6.73	-24.07	3.86	33.11	-5.38
	51	-8.36	6.73	71.68	-3.86	14.77	-1.35
57	4	10.67	-7.15	-36.00	-9.51	5.20	-5.71
	51	-10.67	7.15	83.61	9.51	54.60	-1.44
58	4	8.78	-7.07	-24.67	2.50	30.10	-5.65
	51	-8.78	7.07	72.28	-2.50	18.38	-1.42
59	4	10.25	-6.81	-35.40	-8.15	8.21	-5.44
	51	-10.25	6.81	83.01	8.15	50.99	-1.37
60	4	-16.41	3.04	-55.65	16.54	184.29	2.42
	51	16.41	-3.04	103.26	-16.54	-104.83	0.61
61	4	-7.39	-0.39	-37.53	18.64	142.04	-0.32
	51	7.39	0.39	85.14	-18.64	-80.71	-0.08
62	4	-17.17	3.59	-57.52	17.03	192.41	2.87
	51	17.17	-3.59	105.13	-17.03	-111.09	0.73
63	4	-6.63	-0.95	-35.66	18.16	133.91	-0.76
	51	6.63	0.95	83.27	-18.16	-74.45	-0.19
64	4	-8.70	1.64	-95.41	-28.05	91.27	1.31
	51	8.70	-1.64	143.02	28.05	27.94	0.33
65	4	0.32	-1.79	-77.28	-25.95	49.02	-1.43
	51	-0.32	1.79	124.89	25.95	52.06	-0.36
66	4	-9.45	2.20	-97.27	-27.57	99.40	1.75

		51	9.45	-2.20	144.88	27.57	21.68	0.44
67		4	1.08	-2.34	-75.41	-26.44	40.90	-1.87
		51	-1.08	2.34	123.02	26.44	58.32	-0.47
68		4	-14.99	1.90	-57.64	12.00	174.25	1.51
		51	14.99	-1.90	105.25	-12.00	-92.81	0.38
69		4	-5.98	-1.53	-39.51	14.10	132.00	-1.23
		51	5.98	1.53	87.12	-14.10	-68.69	-0.31
70		4	-15.75	2.45	-59.51	12.49	182.38	1.96
		51	15.75	-2.45	107.12	-12.49	-99.07	0.49
71		4	-5.22	-2.09	-37.65	13.61	123.88	-1.67
		51	5.22	2.09	85.26	-13.61	-62.42	-0.42
72		4	-10.11	2.78	-93.42	-23.51	101.31	2.22
		51	10.11	-2.78	141.03	23.51	15.92	0.56
73		4	-1.09	-0.65	-75.29	-21.41	59.06	-0.52
		51	1.09	0.65	122.90	21.41	40.04	-0.13
74		4	-10.87	3.34	-95.29	-23.02	109.43	2.66
		51	10.87	-3.34	142.90	23.02	9.66	0.67
75		4	-0.33	-1.20	-73.43	-21.90	50.93	-0.96
		51	0.33	1.20	121.04	21.90	46.30	-0.24
72	1	51	-5.24	-0.10	-35.66	-3.69	11.10	-0.08
		52	5.24	0.10	56.56	3.69	39.62	-0.02
	2	51	-2.80	-0.05	1.85	-1.02	15.29	-0.04
		52	2.80	0.05	29.63	1.02	-0.01	-0.01
	3	51	-0.55	-0.01	-3.63	-0.51	2.21	-0.01
		52	0.55	0.01	3.63	0.51	1.78	0.00
	4	51	-0.93	-0.02	-7.03	-0.66	2.72	-0.02
		52	0.93	0.02	7.03	0.66	5.01	0.00
	5	51	-0.79	-0.07	-1.41	-0.29	2.53	-0.06
		52	0.79	0.07	1.41	0.29	-0.99	-0.01
	6	51	0.87	0.07	1.53	0.45	-3.18	0.06
		52	-0.87	-0.07	-1.53	-0.45	1.50	0.01
	7	51	-0.43	0.02	-0.21	2.66	10.89	0.01
		52	0.43	-0.02	0.21	-2.66	-10.66	0.00
	8	51	0.42	-0.02	0.06	-2.48	-10.52	-0.01
		52	-0.42	0.02	-0.06	2.48	10.45	0.00
	9	51	-12.69	-0.28	-55.94	-7.64	41.94	-0.25
		52	12.69	0.28	124.02	7.64	57.04	-0.06
	10	51	-11.20	-0.16	-53.30	-6.97	36.79	-0.14
		52	11.20	0.16	121.38	6.97	59.28	-0.04
	11	51	-12.37	-0.21	-54.86	-4.99	49.45	-0.18
		52	12.37	0.21	122.94	4.99	48.34	-0.05
	12	51	-11.61	-0.24	-54.62	-9.61	30.19	-0.21
		52	11.61	0.24	122.70	9.61	67.34	-0.06
	13	51	-12.55	-0.28	-55.77	-7.37	40.67	-0.24
		52	12.55	0.28	123.85	7.37	58.12	-0.06
	14	51	-11.07	-0.16	-53.12	-6.70	35.52	-0.14
		52	11.07	0.16	121.21	6.70	60.36	-0.04
	15	51	-12.23	-0.20	-54.69	-4.71	48.18	-0.18
		52	12.23	0.20	122.77	4.71	49.42	-0.05

16	51	-11.47	-0.23	-54.45	-9.33	28.92	-0.20
	52	11.47	0.23	122.53	9.33	68.42	-0.05
17	51	-12.33	-0.30	-51.34	-7.05	40.14	-0.27
	52	12.33	0.30	119.42	7.05	53.77	-0.07
18	51	-9.85	-0.10	-46.93	-5.93	31.57	-0.09
	52	9.85	0.10	115.02	5.93	57.50	-0.03
19	51	-11.79	-0.18	-49.54	-2.62	52.67	-0.16
	52	11.79	0.18	117.62	2.62	39.27	-0.04
20	51	-10.52	-0.23	-49.14	-10.33	20.57	-0.20
	52	10.52	0.23	117.22	10.33	70.93	-0.05
21	51	-9.53	-0.21	-41.80	-5.72	31.47	-0.18
	52	9.53	0.21	94.17	5.72	43.31	-0.05
22	51	-8.54	-0.13	-40.04	-5.28	28.05	-0.11
	52	8.54	0.13	92.41	5.28	44.80	-0.03
23	51	-9.32	-0.16	-41.08	-3.95	36.49	-0.14
	52	9.32	0.16	93.45	3.95	37.51	-0.04
24	51	-8.81	-0.18	-40.92	-7.04	23.65	-0.15
	52	8.81	0.18	93.29	7.04	50.17	-0.04
25	51	-9.44	-0.20	-41.69	-5.54	30.63	-0.18
	52	9.44	0.20	94.06	5.54	44.03	-0.05
26	51	-8.45	-0.13	-39.92	-5.09	27.20	-0.11
	52	8.45	0.13	92.30	5.09	45.52	-0.03
27	51	-9.23	-0.16	-40.97	-3.77	35.64	-0.13
	52	9.23	0.16	93.34	3.77	38.23	-0.04
28	51	-8.72	-0.18	-40.81	-6.85	22.80	-0.15
	52	8.72	0.18	93.18	6.85	50.89	-0.04
29	51	-9.29	-0.22	-38.73	-5.32	30.28	-0.19
	52	9.29	0.22	91.10	5.32	41.13	-0.05
30	51	-7.64	-0.09	-35.80	-4.58	24.57	-0.07
	52	7.64	0.09	88.17	4.58	43.61	-0.02
31	51	-8.93	-0.14	-37.54	-2.37	38.63	-0.12
	52	8.93	0.14	89.91	2.37	31.46	-0.03
32	51	-8.09	-0.17	-37.27	-7.51	17.23	-0.15
	52	8.09	0.17	89.64	7.51	52.57	-0.04
33	51	-8.04	-0.15	-33.81	-4.71	26.38	-0.13
	52	8.04	0.15	86.18	4.71	39.61	-0.03
34	51	-8.23	-0.15	-35.22	-4.84	26.93	-0.13
	52	8.23	0.15	87.59	4.84	40.61	-0.04
35	51	-8.20	-0.16	-34.09	-4.76	26.89	-0.14
	52	8.20	0.16	86.46	4.76	39.42	-0.04
36	51	-7.87	-0.13	-33.51	-4.61	25.75	-0.12
	52	7.87	0.13	85.88	4.61	39.91	-0.03
37	51	-8.13	-0.14	-33.85	-4.17	28.56	-0.12
	52	8.13	0.14	86.22	4.17	37.48	-0.03
38	51	-7.96	-0.15	-33.80	-5.20	24.28	-0.13
	52	7.96	0.15	86.17	5.20	41.70	-0.04
39	51	-8.04	-0.15	-33.81	-4.71	26.38	-0.13
	52	8.04	0.15	86.18	4.71	39.61	-0.03
40	51	-15.03	-1.27	-26.65	-3.50	40.20	-1.15
	52	15.03	1.27	26.65	3.50	-10.89	-0.24

41	51	-17.56	-1.68	-32.52	-1.88	61.07	-1.52
	52	17.56	1.68	32.52	1.88	-25.30	-0.32
42	51	-3.86	-0.16	9.10	22.30	66.38	-0.14
	52	3.86	0.16	-9.10	-22.30	-76.40	-0.03
43	51	-2.44	0.10	8.64	17.75	54.36	0.09
	52	2.44	-0.10	-8.64	-17.75	-63.87	0.02
44	51	-24.23	-1.46	-57.73	-1.51	86.50	-1.32
	52	24.23	1.46	110.10	1.51	5.81	-0.29
45	51	-21.91	-1.37	-63.19	-14.89	46.67	-1.24
	52	21.91	1.37	115.56	14.89	51.64	-0.27
46	51	-23.80	-1.38	-57.87	-2.88	82.89	-1.25
	52	23.80	1.38	110.24	2.88	9.56	-0.27
47	51	-22.34	-1.44	-63.05	-13.53	50.28	-1.31
	52	22.34	1.44	115.42	13.53	47.89	-0.28
48	51	5.83	1.07	-4.43	5.48	6.10	0.98
	52	-5.83	-1.07	56.80	-5.48	27.58	0.20
49	51	8.14	1.17	-9.90	-7.90	-33.73	1.07
	52	-8.14	-1.17	62.27	7.90	73.42	0.22
50	51	6.25	1.15	-4.57	4.12	2.49	1.05
	52	-6.25	-1.15	56.94	-4.12	31.34	0.21
51	51	7.72	1.09	-9.76	-6.53	-30.12	1.00
	52	-7.72	-1.09	62.13	6.53	69.66	0.20
52	51	-26.76	-1.87	-63.60	0.10	107.37	-1.69
	52	26.76	1.87	115.97	-0.10	-8.61	-0.37
53	51	-24.44	-1.78	-69.06	-13.27	67.54	-1.61
	52	24.44	1.78	121.43	13.27	37.23	-0.35
54	51	-26.33	-1.80	-63.74	-1.26	103.76	-1.62
	52	26.33	1.80	116.11	1.26	-4.85	-0.35
55	51	-24.87	-1.86	-68.92	-11.91	71.14	-1.68
	52	24.87	1.86	121.29	11.91	33.47	-0.36
56	51	8.36	1.48	1.44	3.86	-14.77	1.35
	52	-8.36	-1.48	50.93	-3.86	41.99	0.28
57	51	10.67	1.58	-4.03	-9.51	-54.60	1.44
	52	-10.67	-1.58	56.40	9.51	87.83	0.30
58	51	8.78	1.56	1.30	2.50	-18.38	1.42
	52	-8.78	-1.56	51.07	-2.50	45.75	0.29
59	51	10.25	1.50	-3.89	-8.15	-50.99	1.37
	52	-10.25	-1.50	56.26	8.15	84.07	0.28
60	51	-16.41	-0.68	-32.70	16.54	104.83	-0.61
	52	16.41	0.68	85.07	-16.54	-40.05	-0.14
61	51	-7.39	0.08	-16.71	18.64	80.71	0.08
	52	7.39	-0.08	69.08	-18.64	-33.52	0.01
62	51	-17.17	-0.81	-34.46	17.03	111.09	-0.73
	52	17.17	0.81	86.83	-17.03	-44.38	-0.16
63	51	-6.63	0.20	-14.95	18.16	74.45	0.19
	52	6.63	-0.20	67.32	-18.16	-29.20	0.03
64	51	-8.70	-0.37	-50.91	-28.05	-27.94	-0.33
	52	8.70	0.37	103.28	28.05	112.74	-0.07
65	51	0.32	0.39	-34.92	-25.95	-52.06	0.36
	52	-0.32	-0.39	87.29	25.95	119.28	0.07

66	51	-9.45	-0.49	-52.67	-27.57	-21.68	-0.44	
	52	9.45	0.49	105.04	27.57	108.42	-0.10	
67	51	1.08	0.51	-33.16	-26.44	-58.32	0.47	
	52	-1.08	-0.51	85.53	26.44	123.60	0.10	
68	51	-14.99	-0.43	-33.16	12.00	92.81	-0.38	
	52	14.99	0.43	85.53	-12.00	-27.52	-0.09	
69	51	-5.98	0.33	-17.17	14.10	68.69	0.31	
	52	5.98	-0.33	69.55	-14.10	-20.99	0.06	
70	51	-15.75	-0.55	-34.92	12.49	99.07	-0.49	
	52	15.75	0.55	87.29	-12.49	-31.85	-0.11	
71	51	-5.22	0.46	-15.41	13.61	62.42	0.42	
	52	5.22	-0.46	67.78	-13.61	-16.67	0.08	
72	51	-10.11	-0.63	-50.45	-23.51	-15.92	-0.56	
	52	10.11	0.63	102.82	23.51	100.22	-0.13	
73	51	-1.09	0.13	-34.46	-21.41	-40.04	0.13	
	52	1.09	-0.13	86.83	21.41	106.75	0.02	
74	51	-10.87	-0.75	-52.21	-23.02	-9.66	-0.67	
	52	10.87	0.75	104.58	23.02	95.89	-0.15	
75	51	-0.33	0.26	-32.70	-21.90	-46.30	0.24	
	52	0.33	-0.26	85.07	21.90	111.07	0.04	
73	1	52	-5.24	0.03	-13.74	-3.69	-39.62	0.02
		53	5.24	-0.03	34.64	3.69	66.24	0.01
2	52	-2.80	0.01	7.27	-1.02	0.01	0.01	
	53	2.80	-0.01	24.20	1.02	9.30	0.00	
3	52	-0.55	0.00	-2.01	-0.51	-1.78	0.00	
	53	0.55	0.00	2.01	0.51	3.99	0.00	
4	52	-0.93	0.00	-3.77	-0.66	-5.01	0.00	
	53	0.93	0.00	3.77	0.66	9.15	0.00	
5	52	-0.79	0.00	-1.18	-0.29	0.99	0.01	
	53	0.79	0.00	1.18	0.29	0.31	-0.01	
6	52	0.87	0.00	1.29	0.45	-1.50	-0.01	
	53	-0.87	0.00	-1.29	-0.45	0.07	0.01	
7	52	-0.43	-0.01	-1.26	2.66	10.66	0.00	
	53	0.43	0.01	1.26	-2.66	-9.27	0.00	
8	52	0.42	0.00	1.14	-2.48	-10.45	0.00	
	53	-0.42	0.00	-1.14	2.48	9.20	0.00	
9	52	-12.69	0.06	-15.32	-7.64	-57.04	0.06	
	53	12.69	-0.06	83.40	7.64	111.34	0.01	
10	52	-11.20	0.06	-13.09	-6.97	-59.28	0.04	
	53	11.20	-0.06	81.17	6.97	111.12	0.02	
11	52	-12.37	0.06	-15.39	-4.99	-48.34	0.05	
	53	12.37	-0.06	83.47	4.99	102.71	0.01	
12	52	-11.61	0.06	-13.23	-9.61	-67.34	0.06	
	53	11.61	-0.06	81.31	9.61	119.33	0.02	
13	52	-12.55	0.06	-15.13	-7.37	-58.12	0.06	
	53	12.55	-0.06	83.22	7.37	112.22	0.01	
14	52	-11.07	0.06	-12.91	-6.70	-60.36	0.04	
	53	11.07	-0.06	80.99	6.70	112.00	0.02	
15	52	-12.23	0.05	-15.21	-4.71	-49.42	0.05	

	53	12.23	-0.05	83.29	4.71	103.59	0.01
16	52	-11.47	0.06	-13.04	-9.33	-68.42	0.05
	53	11.47	-0.06	81.13	9.33	120.21	0.02
17	52	-12.33	0.06	-13.02	-7.05	-53.77	0.07
	53	12.33	-0.06	81.10	7.05	105.54	0.00
18	52	-9.85	0.05	-9.30	-5.93	-57.50	0.03
	53	9.85	-0.05	77.39	5.93	105.18	0.03
19	52	-11.79	0.05	-13.14	-2.62	-39.27	0.04
	53	11.79	-0.05	81.22	2.62	91.16	0.01
20	52	-10.52	0.06	-9.53	-10.33	-70.93	0.05
	53	10.52	-0.06	77.61	10.33	118.86	0.02
21	52	-9.53	0.05	-11.08	-5.72	-43.31	0.05
	53	9.53	-0.05	63.45	5.72	84.30	0.01
22	52	-8.54	0.04	-9.59	-5.28	-44.80	0.03
	53	8.54	-0.04	61.96	5.28	84.15	0.02
23	52	-9.32	0.04	-11.12	-3.95	-37.51	0.04
	53	9.32	-0.04	63.49	3.95	78.55	0.01
24	52	-8.81	0.05	-9.68	-7.04	-50.17	0.04
	53	8.81	-0.05	62.05	7.04	89.63	0.01
25	52	-9.44	0.05	-10.95	-5.54	-44.03	0.05
	53	9.44	-0.05	63.32	5.54	84.88	0.01
26	52	-8.45	0.04	-9.47	-5.09	-45.52	0.03
	53	8.45	-0.04	61.84	5.09	84.74	0.02
27	52	-9.23	0.04	-11.00	-3.77	-38.23	0.04
	53	9.23	-0.04	63.37	3.77	79.13	0.01
28	52	-8.72	0.05	-9.56	-6.85	-50.89	0.04
	53	8.72	-0.05	61.93	6.85	90.21	0.01
29	52	-9.29	0.05	-9.54	-5.32	-41.13	0.05
	53	9.29	-0.05	61.91	5.32	80.43	0.00
30	52	-7.64	0.04	-7.07	-4.58	-43.61	0.02
	53	7.64	-0.04	59.44	4.58	80.19	0.02
31	52	-8.93	0.04	-9.62	-2.37	-31.46	0.03
	53	8.93	-0.04	61.99	2.37	70.85	0.01
32	52	-8.09	0.05	-7.22	-7.51	-52.57	0.04
	53	8.09	-0.05	59.59	7.51	89.31	0.01
33	52	-8.04	0.04	-6.48	-4.71	-39.61	0.03
	53	8.04	-0.04	58.85	4.71	75.54	0.01
34	52	-8.23	0.04	-7.23	-4.84	-40.61	0.04
	53	8.23	-0.04	59.60	4.84	77.37	0.01
35	52	-8.20	0.04	-6.71	-4.76	-39.42	0.04
	53	8.20	-0.04	59.08	4.76	75.60	0.01
36	52	-7.87	0.04	-6.22	-4.61	-39.91	0.03
	53	7.87	-0.04	58.59	4.61	75.56	0.01
37	52	-8.13	0.04	-6.73	-4.17	-37.48	0.03
	53	8.13	-0.04	59.10	4.17	73.69	0.01
38	52	-7.96	0.04	-6.25	-5.20	-41.70	0.04
	53	7.96	-0.04	58.62	5.20	77.38	0.01
39	52	-8.04	0.04	-6.48	-4.71	-39.61	0.03
	53	8.04	-0.04	58.85	4.71	75.54	0.01
40	52	-15.03	0.06	-22.15	-3.50	10.89	0.24

	53	15.03	-0.06	22.15	3.50	13.48	-0.18
41	52	-17.56	0.08	-27.74	-1.88	25.30	0.32
	53	17.56	-0.08	27.74	1.88	5.22	-0.23
42	52	-3.86	0.02	-2.99	22.30	76.40	0.03
	53	3.86	-0.02	2.99	-22.30	-73.11	-0.01
43	52	-2.44	-0.01	-1.65	17.75	63.87	-0.02
	53	2.44	0.01	1.65	-17.75	-62.05	0.01
44	52	-24.23	0.10	-29.52	-1.51	-5.81	0.29
	53	24.23	-0.10	81.89	1.51	67.08	-0.17
45	52	-21.91	0.09	-27.73	-14.89	-51.64	0.27
	53	21.91	-0.09	80.10	14.89	110.95	-0.17
46	52	-23.80	0.10	-29.12	-2.88	-9.56	0.27
	53	23.80	-0.10	81.49	2.88	70.40	-0.17
47	52	-22.34	0.10	-28.13	-13.53	-47.89	0.28
	53	22.34	-0.10	80.50	13.53	107.63	-0.17
48	52	5.83	-0.01	14.77	5.48	-27.58	-0.20
	53	-5.83	0.01	37.60	-5.48	40.13	0.19
49	52	8.14	-0.02	16.57	-7.90	-73.42	-0.22
	53	-8.14	0.02	35.80	7.90	84.00	0.19
50	52	6.25	-0.02	15.18	4.12	-31.34	-0.21
	53	-6.25	0.02	37.20	-4.12	43.45	0.19
51	52	7.72	-0.01	16.17	-6.53	-69.66	-0.20
	53	-7.72	0.01	36.20	6.53	80.68	0.19
52	52	-26.76	0.13	-35.12	0.10	8.61	0.37
	53	26.76	-0.13	87.49	-0.10	58.83	-0.22
53	52	-24.44	0.12	-33.32	-13.27	-37.23	0.35
	53	24.44	-0.12	85.69	13.27	102.69	-0.22
54	52	-26.33	0.12	-34.71	-1.26	4.85	0.35
	53	26.33	-0.12	87.09	1.26	62.14	-0.22
55	52	-24.87	0.13	-33.72	-11.91	-33.47	0.36
	53	24.87	-0.13	86.09	11.91	99.37	-0.22
56	52	8.36	-0.04	20.37	3.86	-41.99	-0.28
	53	-8.36	0.04	32.00	-3.86	48.39	0.24
57	52	10.67	-0.05	22.16	-9.51	-87.83	-0.30
	53	-10.67	0.05	30.21	9.51	92.26	0.24
58	52	8.78	-0.05	20.77	2.50	-45.75	-0.29
	53	-8.78	0.05	31.60	-2.50	51.71	0.24
59	52	10.25	-0.04	21.76	-8.15	-84.07	-0.28
	53	-10.25	0.04	30.61	8.15	88.94	0.24
60	52	-16.41	0.08	-16.11	16.54	40.05	0.14
	53	16.41	-0.08	68.49	-16.54	6.48	-0.05
61	52	-7.39	0.04	-2.83	18.64	33.52	-0.01
	53	7.39	-0.04	55.20	-18.64	-1.61	0.05
62	52	-17.17	0.09	-17.79	17.03	44.38	0.16
	53	17.17	-0.09	70.16	-17.03	4.00	-0.07
63	52	-6.63	0.03	-1.15	18.16	29.20	-0.03
	53	6.63	-0.03	53.52	-18.16	0.87	0.07
64	52	-8.70	0.04	-10.13	-28.05	-112.74	0.07
	53	8.70	-0.04	62.50	28.05	152.69	-0.03
65	52	0.32	0.00	3.16	-25.95	-119.28	-0.07

		53	-0.32	0.00	49.21	25.95	144.60	0.07
66		52	-9.45	0.05	-11.81	-27.57	-108.42	0.10
		53	9.45	-0.05	64.18	27.57	150.21	-0.05
67		52	1.08	0.00	4.84	-26.44	-123.60	-0.10
		53	-1.08	0.00	47.53	26.44	147.08	0.09
68		52	-14.99	0.05	-14.77	12.00	27.52	0.09
		53	14.99	-0.05	67.14	-12.00	17.53	-0.04
69		52	-5.98	0.01	-1.48	14.10	20.99	-0.06
		53	5.98	-0.01	53.86	-14.10	9.45	0.07
70		52	-15.75	0.05	-16.45	12.49	31.85	0.11
		53	15.75	-0.05	68.82	-12.49	15.06	-0.05
71		52	-5.22	0.00	0.19	13.61	16.67	-0.08
		53	5.22	0.00	52.18	-13.61	11.92	0.09
72		52	-10.11	0.07	-11.47	-23.51	-100.22	0.13
		53	10.11	-0.07	63.84	23.51	141.64	-0.05
73		52	-1.09	0.03	1.82	-21.41	-106.75	-0.02
		53	1.09	-0.03	50.55	21.41	133.55	0.06
74		52	-10.87	0.08	-13.15	-23.02	-95.89	0.15
		53	10.87	-0.08	65.52	23.02	139.16	-0.07
75		52	-0.33	0.03	3.50	-21.90	-111.07	-0.04
		53	0.33	-0.03	48.87	21.90	136.03	0.07
74	1	53	-5.24	-0.02	8.07	-3.69	-66.24	-0.01
		54	5.24	0.02	12.83	3.69	68.85	-0.01
	2	53	-2.80	0.00	12.35	-1.02	-9.30	0.00
		54	2.80	0.00	19.12	1.02	13.03	0.01
	3	53	-0.55	0.00	-0.42	-0.51	-3.99	0.00
		54	0.55	0.00	0.42	0.51	4.45	0.00
	4	53	-0.93	0.00	-0.54	-0.66	-9.15	0.00
		54	0.93	0.00	0.54	0.66	9.75	0.00
	5	53	-0.79	0.05	-0.92	-0.29	-0.31	0.01
		54	0.79	-0.05	0.92	0.29	1.32	0.05
	6	53	0.87	-0.05	1.03	0.45	-0.07	-0.01
		54	-0.87	0.05	-1.03	-0.45	-1.06	-0.05
	7	53	-0.43	0.00	-2.54	2.66	9.27	0.00
		54	0.43	0.00	2.54	-2.66	-6.48	0.00
	8	53	0.42	0.00	2.45	-2.48	-9.20	0.00
		54	-0.42	0.00	-2.45	2.48	6.50	0.00
	9	53	-12.69	0.03	24.69	-7.64	-111.34	-0.01
		54	12.69	-0.03	43.39	7.64	121.62	0.04
	10	53	-11.20	-0.06	26.45	-6.97	-111.12	-0.02
		54	11.20	0.06	41.64	6.97	119.48	-0.05
	11	53	-12.37	-0.02	23.23	-4.99	-102.71	-0.01
		54	12.37	0.02	44.85	4.99	114.60	0.00
	12	53	-11.61	-0.02	27.72	-9.61	-119.33	-0.02
		54	11.61	0.02	40.36	9.61	126.28	-0.01
	13	53	-12.55	0.03	24.91	-7.37	-112.22	-0.01
		54	12.55	-0.03	43.17	7.37	122.26	0.04
	14	53	-11.07	-0.06	26.67	-6.70	-112.00	-0.02
		54	11.07	0.06	41.41	6.70	120.11	-0.05

15	53	-12.23	-0.02	23.46	-4.71	-103.59	-0.01
	54	12.23	0.02	44.63	4.71	115.24	0.00
16	53	-11.47	-0.02	27.94	-9.33	-120.21	-0.02
	54	11.47	0.02	40.14	9.33	126.92	-0.01
17	53	-12.33	0.06	24.77	-7.05	-105.54	0.00
	54	12.33	-0.06	43.31	7.05	115.74	0.07
18	53	-9.85	-0.10	27.69	-5.93	-105.18	-0.03
	54	9.85	0.10	40.39	5.93	112.16	-0.08
19	53	-11.79	-0.01	22.34	-2.62	-91.16	-0.01
	54	11.79	0.01	45.75	2.62	104.04	0.00
20	53	-10.52	-0.02	29.82	-10.33	-118.86	-0.02
	54	10.52	0.02	38.27	10.33	123.51	-0.01
21	53	-9.53	0.02	19.18	-5.72	-84.30	-0.01
	54	9.53	-0.02	33.19	5.72	92.00	0.02
22	53	-8.54	-0.04	20.35	-5.28	-84.15	-0.02
	54	8.54	0.04	32.02	5.28	90.57	-0.03
23	53	-9.32	-0.01	18.21	-3.95	-78.55	-0.01
	54	9.32	0.01	34.16	3.95	87.32	0.00
24	53	-8.81	-0.02	21.20	-7.04	-89.63	-0.01
	54	8.81	0.02	31.17	7.04	95.11	-0.01
25	53	-9.44	0.02	19.33	-5.54	-84.88	-0.01
	54	9.44	-0.02	33.04	5.54	92.42	0.02
26	53	-8.45	-0.05	20.50	-5.09	-84.74	-0.02
	54	8.45	0.05	31.87	5.09	90.99	-0.03
27	53	-9.23	-0.01	18.36	-3.77	-79.13	-0.01
	54	9.23	0.01	34.01	3.77	87.74	0.00
28	53	-8.72	-0.02	21.35	-6.85	-90.21	-0.01
	54	8.72	0.02	31.02	6.85	95.53	-0.01
29	53	-9.29	0.04	19.23	-5.32	-80.43	0.00
	54	9.29	-0.04	33.14	5.32	88.08	0.04
30	53	-7.64	-0.07	21.18	-4.58	-80.19	-0.02
	54	7.64	0.07	31.19	4.58	85.69	-0.05
31	53	-8.93	-0.01	17.61	-2.37	-70.85	-0.01
	54	8.93	0.01	34.76	2.37	80.28	0.00
32	53	-8.09	-0.02	22.60	-7.51	-89.31	-0.01
	54	8.09	0.02	29.77	7.51	93.26	-0.01
33	53	-8.04	-0.01	20.42	-4.71	-75.54	-0.01
	54	8.04	0.01	31.95	4.71	81.88	-0.01
34	53	-8.23	-0.01	20.31	-4.84	-77.37	-0.01
	54	8.23	0.01	32.06	4.84	83.83	-0.01
35	53	-8.20	0.00	20.24	-4.76	-75.60	-0.01
	54	8.20	0.00	32.13	4.76	82.15	0.00
36	53	-7.87	-0.02	20.63	-4.61	-75.56	-0.01
	54	7.87	0.02	31.74	4.61	81.67	-0.02
37	53	-8.13	-0.01	19.91	-4.17	-73.69	-0.01
	54	8.13	0.01	32.46	4.17	80.59	-0.01
38	53	-7.96	-0.01	20.91	-5.20	-77.38	-0.01
	54	7.96	0.01	31.46	5.20	83.18	-0.01
39	53	-8.04	-0.01	20.42	-4.71	-75.54	-0.01
	54	8.04	0.01	31.95	4.71	81.88	-0.01

40	53	-15.03	1.03	-16.77	-3.50	-13.48	0.18
	54	15.03	-1.03	16.77	3.50	31.92	0.96
41	53	-17.56	1.34	-22.22	-1.88	-5.22	0.23
	54	17.56	-1.34	22.22	1.88	29.66	1.24
42	53	-3.86	0.08	-16.72	22.30	73.11	0.01
	54	3.86	-0.08	16.72	-22.30	-54.71	0.08
43	53	-2.44	-0.05	-13.25	17.75	62.05	-0.01
	54	2.44	0.05	13.25	-17.75	-47.47	-0.05
44	53	-24.23	1.04	-1.36	-1.51	-67.08	0.17
	54	24.23	-1.04	53.73	1.51	97.39	0.98
45	53	-21.91	1.00	8.67	-14.89	-110.95	0.17
	54	21.91	-1.00	43.70	14.89	130.21	0.93
46	53	-23.80	1.00	-0.32	-2.88	-70.40	0.17
	54	23.80	-1.00	52.69	2.88	99.56	0.94
47	53	-22.34	1.04	7.63	-13.53	-107.63	0.17
	54	22.34	-1.04	44.74	13.53	128.04	0.97
48	53	5.83	-1.03	32.17	5.48	-40.13	-0.19
	54	-5.83	1.03	20.20	-5.48	33.55	-0.94
49	53	8.14	-1.07	42.20	-7.90	-84.00	-0.19
	54	-8.14	1.07	10.17	7.90	66.38	-0.99
50	53	6.25	-1.07	33.21	4.12	-43.45	-0.19
	54	-6.25	1.07	19.16	-4.12	35.72	-0.98
51	53	7.72	-1.03	41.16	-6.53	-80.68	-0.19
	54	-7.72	1.03	11.21	6.53	64.20	-0.95
52	53	-26.76	1.35	-6.81	0.10	-58.83	0.22
	54	26.76	-1.35	59.18	-0.10	95.12	1.26
53	53	-24.44	1.30	3.22	-13.27	-102.69	0.22
	54	24.44	-1.30	49.15	13.27	127.95	1.21
54	53	-26.33	1.31	-5.77	-1.26	-62.14	0.22
	54	26.33	-1.31	58.14	1.26	97.30	1.22
55	53	-24.87	1.34	2.18	-11.91	-99.37	0.22
	54	24.87	-1.34	50.19	11.91	125.78	1.25
56	53	8.36	-1.33	37.62	3.86	-48.39	-0.24
	54	-8.36	1.33	14.75	-3.86	35.81	-1.23
57	53	10.67	-1.38	47.66	-9.51	-92.26	-0.24
	54	-10.67	1.38	4.72	9.51	68.64	-1.27
58	53	8.78	-1.37	38.66	2.50	-51.71	-0.24
	54	-8.78	1.37	13.71	-2.50	37.98	-1.26
59	53	10.25	-1.34	46.62	-8.15	-88.94	-0.24
	54	-10.25	1.34	5.76	8.15	66.47	-1.23
60	53	-16.41	0.38	-1.33	16.54	-6.48	0.05
	54	16.41	-0.38	53.70	-16.54	36.75	0.36
61	53	-7.39	-0.25	8.73	18.64	1.61	-0.05
	54	7.39	0.25	43.64	-18.64	17.59	-0.22
62	53	-17.17	0.47	-2.97	17.03	-4.00	0.07
	54	17.17	-0.47	55.34	-17.03	36.07	0.44
63	53	-6.63	-0.34	10.36	18.16	-0.87	-0.07
	54	6.63	0.34	42.01	-18.16	18.27	-0.30
64	53	-8.70	0.22	32.11	-28.05	-152.69	0.03
	54	8.70	-0.22	20.26	28.05	146.17	0.21

	65	53	0.32	-0.40	42.17	-25.95	-144.60	-0.07
		54	-0.32	0.40	10.20	25.95	127.02	-0.37
	66	53	-9.45	0.31	30.48	-27.57	-150.21	0.05
		54	9.45	-0.31	21.89	27.57	145.49	0.29
	67	53	1.08	-0.49	43.81	-26.44	-147.08	-0.09
		54	-1.08	0.49	8.56	26.44	127.70	-0.45
	68	53	-14.99	0.24	2.14	12.00	-17.53	0.04
		54	14.99	-0.24	50.23	-12.00	43.98	0.23
	69	53	-5.98	-0.38	12.20	14.10	-9.45	-0.07
		54	5.98	0.38	40.17	-14.10	24.83	-0.35
	70	53	-15.75	0.33	0.50	12.49	-15.06	0.05
		54	15.75	-0.33	51.87	-12.49	43.31	0.32
	71	53	-5.22	-0.47	13.83	13.61	-11.92	-0.09
		54	5.22	0.47	38.54	-13.61	25.51	-0.43
	72	53	-10.11	0.35	28.65	-23.51	-141.64	0.05
		54	10.11	-0.35	23.73	23.51	138.93	0.33
	73	53	-1.09	-0.27	38.71	-21.41	-133.55	-0.06
		54	1.09	0.27	13.67	21.41	119.78	-0.24
	74	53	-10.87	0.44	27.01	-23.02	-139.16	0.07
		54	10.87	-0.44	25.36	23.02	138.25	0.42
	75	53	-0.33	-0.36	40.34	-21.90	-136.03	-0.07
		54	0.33	0.36	12.03	21.90	120.46	-0.33
75	1	54	-5.24	0.05	30.04	-3.69	-68.85	0.01
		55	5.24	-0.05	-9.14	3.69	47.31	0.04
	2	54	-2.80	-0.03	17.12	-1.02	-13.03	-0.01
		55	2.80	0.03	14.35	1.02	11.51	-0.03
	3	54	-0.55	0.00	1.15	-0.51	-4.45	0.00
		55	0.55	0.00	-1.15	0.51	3.19	0.00
	4	54	-0.93	0.00	2.69	-0.66	-9.75	0.00
		55	0.93	0.00	-2.69	0.66	6.78	0.00
	5	54	-0.79	-0.21	-0.62	-0.29	-1.32	-0.05
		55	0.79	0.21	0.62	0.29	2.00	-0.18
	6	54	0.87	0.21	0.74	0.45	1.06	0.05
		55	-0.87	-0.21	-0.74	-0.45	-1.88	0.18
	7	54	-0.43	-0.01	-4.08	2.66	6.48	0.00
		55	0.43	0.01	4.08	-2.66	-1.99	-0.01
	8	54	0.42	0.01	4.01	-2.48	-6.50	0.00
		55	-0.42	-0.01	-4.01	2.48	2.09	0.01
	9	54	-12.69	-0.18	64.49	-7.64	-121.62	-0.04
		55	12.69	0.18	3.59	7.64	88.13	-0.16
	10	54	-11.20	0.20	65.71	-6.97	-119.48	0.05
		55	11.20	-0.20	2.37	6.97	84.64	0.17
	11	54	-12.37	0.01	61.37	-4.99	-114.60	0.00
		55	12.37	-0.01	6.71	4.99	84.54	0.00
	12	54	-11.61	0.02	68.66	-9.61	-126.28	0.01
		55	11.61	-0.02	-0.57	9.61	88.21	0.01
	13	54	-12.55	-0.17	64.79	-7.37	-122.26	-0.04
		55	12.55	0.17	3.29	7.37	88.43	-0.15
	14	54	-11.07	0.20	66.01	-6.70	-120.11	0.05

	55	11.07	-0.20	2.07	6.70	84.94	0.17
15	54	-12.23	0.01	61.67	-4.71	-115.24	0.00
	55	12.23	-0.01	6.41	4.71	84.84	0.00
16	54	-11.47	0.02	68.95	-9.33	-126.92	0.01
	55	11.47	-0.02	-0.87	9.33	88.52	0.02
17	54	-12.33	-0.30	62.40	-7.05	-115.74	-0.07
	55	12.33	0.30	5.68	7.05	84.54	-0.26
18	54	-9.85	0.33	64.44	-5.93	-112.16	0.08
	55	9.85	-0.33	3.65	5.93	78.73	0.29
19	54	-11.79	0.00	57.20	-2.62	-104.04	0.00
	55	11.79	0.00	10.88	2.62	78.56	0.00
20	54	-10.52	0.03	69.34	-10.33	-123.51	0.01
	55	10.52	-0.03	-1.26	10.33	84.68	0.02
21	54	-9.53	-0.11	49.28	-5.72	-92.00	-0.02
	55	9.53	0.11	3.09	5.72	66.59	-0.10
22	54	-8.54	0.14	50.10	-5.28	-90.57	0.03
	55	8.54	-0.14	2.27	5.28	64.27	0.12
23	54	-9.32	0.01	47.20	-3.95	-87.32	0.00
	55	9.32	-0.01	5.17	3.95	64.20	0.00
24	54	-8.81	0.02	52.06	-7.04	-95.11	0.01
	55	8.81	-0.02	0.31	7.04	66.65	0.01
25	54	-9.44	-0.11	49.48	-5.54	-92.42	-0.02
	55	9.44	0.11	2.89	5.54	66.80	-0.10
26	54	-8.45	0.14	50.29	-5.09	-90.99	0.03
	55	8.45	-0.14	2.08	5.09	64.47	0.12
27	54	-9.23	0.01	47.40	-3.77	-87.74	0.00
	55	9.23	-0.01	4.97	3.77	64.40	0.00
28	54	-8.72	0.02	52.26	-6.85	-95.53	0.01
	55	8.72	-0.02	0.12	6.85	66.85	0.01
29	54	-9.29	-0.20	47.89	-5.32	-88.08	-0.04
	55	9.29	0.20	4.48	5.32	64.20	-0.17
30	54	-7.64	0.22	49.25	-4.58	-85.69	0.05
	55	7.64	-0.22	3.13	4.58	60.33	0.19
31	54	-8.93	0.01	44.42	-2.37	-80.28	0.00
	55	8.93	-0.01	7.95	2.37	60.22	0.00
32	54	-8.09	0.02	52.51	-7.51	-93.26	0.01
	55	8.09	-0.02	-0.14	7.51	64.30	0.02
33	54	-8.04	0.02	47.16	-4.71	-81.88	0.01
	55	8.04	-0.02	5.21	4.71	58.81	0.01
34	54	-8.23	0.02	47.70	-4.84	-83.83	0.01
	55	8.23	-0.02	4.68	4.84	60.17	0.01
35	54	-8.20	-0.03	47.03	-4.76	-82.15	0.00
	55	8.20	0.03	5.34	4.76	59.21	-0.02
36	54	-7.87	0.06	47.31	-4.61	-81.67	0.02
	55	7.87	-0.06	5.07	4.61	58.44	0.05
37	54	-8.13	0.01	46.34	-4.17	-80.59	0.01
	55	8.13	-0.01	6.03	4.17	58.42	0.01
38	54	-7.96	0.02	47.96	-5.20	-83.18	0.01
	55	7.96	-0.02	4.41	5.20	59.23	0.01
39	54	-8.04	0.02	47.16	-4.71	-81.88	0.01

	55	8.04	-0.02	5.21	4.71	58.81	0.01
40	54	-15.03	-4.20	-10.45	-3.50	-31.92	-0.96
	55	15.03	4.20	10.45	3.50	43.41	-3.66
41	54	-17.56	-5.44	-15.92	-1.88	-29.66	-1.24
	55	17.56	5.44	15.92	1.88	47.17	-4.74
42	54	-3.86	-0.34	-32.38	22.30	54.71	-0.08
	55	3.86	0.34	32.38	-22.30	-19.10	-0.29
43	54	-2.44	0.23	-26.41	17.75	47.47	0.05
	55	2.44	-0.23	26.41	-17.75	-18.42	0.20
44	54	-24.23	-4.28	27.00	-1.51	-97.39	-0.98
	55	24.23	4.28	25.38	1.51	96.50	-3.73
45	54	-21.91	-4.08	46.42	-14.89	-130.21	-0.93
	55	21.91	4.08	5.95	14.89	107.95	-3.56
46	54	-23.80	-4.11	28.78	-2.88	-99.56	-0.94
	55	23.80	4.11	23.59	2.88	96.70	-3.59
47	54	-22.34	-4.25	44.63	-13.53	-128.04	-0.97
	55	22.34	4.25	7.74	13.53	107.75	-3.71
48	54	5.83	4.11	47.89	5.48	-33.55	0.94
	55	-5.83	-4.11	4.48	-5.48	9.67	3.58
49	54	8.14	4.31	67.32	-7.90	-66.38	0.99
	55	-8.14	-4.31	-14.95	7.90	21.13	3.76
50	54	6.25	4.28	49.68	4.12	-35.72	0.98
	55	-6.25	-4.28	2.69	-4.12	9.87	3.73
51	54	7.72	4.14	65.53	-6.53	-64.20	0.95
	55	-7.72	-4.14	-13.16	6.53	20.93	3.61
52	54	-26.76	-5.53	21.52	0.10	-95.12	-1.26
	55	26.76	5.53	30.85	-0.10	100.26	-4.82
53	54	-24.44	-5.33	40.94	-13.27	-127.95	-1.21
	55	24.44	5.33	11.43	13.27	111.72	-4.64
54	54	-26.33	-5.36	23.31	-1.26	-97.30	-1.22
	55	26.33	5.36	29.06	1.26	100.46	-4.67
55	54	-24.87	-5.49	39.16	-11.91	-125.78	-1.25
	55	24.87	5.49	13.22	11.91	111.51	-4.79
56	54	8.36	5.36	53.37	3.86	-35.81	1.23
	55	-8.36	-5.36	-1.00	-3.86	5.91	4.67
57	54	10.67	5.56	72.79	-9.51	-68.64	1.27
	55	-10.67	-5.56	-20.42	9.51	17.37	4.84
58	54	8.78	5.53	55.16	2.50	-37.98	1.26
	55	-8.78	-5.53	-2.79	-2.50	6.11	4.82
59	54	10.25	5.39	71.00	-8.15	-66.47	1.23
	55	-10.25	-5.39	-18.63	8.15	17.17	4.70
60	54	-16.41	-1.58	11.65	16.54	-36.75	-0.36
	55	16.41	1.58	40.72	-16.54	52.74	-1.38
61	54	-7.39	0.94	17.92	18.64	-17.59	0.22
	55	7.39	-0.94	34.46	-18.64	26.69	0.82
62	54	-17.17	-1.95	10.00	17.03	-36.07	-0.44
	55	17.17	1.95	42.37	-17.03	53.87	-1.70
63	54	-6.63	1.31	19.56	18.16	-18.27	0.30
	55	6.63	-1.31	32.81	-18.16	25.56	1.14
64	54	-8.70	-0.91	76.40	-28.05	-146.17	-0.21

		55	8.70	0.91	-24.03	28.05	90.93	-0.79
65		54	0.32	1.61	82.67	-25.95	-127.02	0.37
		55	-0.32	-1.61	-30.30	25.95	64.89	1.40
66		54	-9.45	-1.28	74.76	-27.57	-145.49	-0.29
		55	9.45	1.28	-22.38	27.57	92.06	-1.12
67		54	1.08	1.98	84.31	-26.44	-127.70	0.45
		55	-1.08	-1.98	-31.94	26.44	63.76	1.73
68		54	-14.99	-1.01	17.61	12.00	-43.98	-0.23
		55	14.99	1.01	34.76	-12.00	53.42	-0.88
69		54	-5.98	1.51	23.88	14.10	-24.83	0.35
		55	5.98	-1.51	28.49	-14.10	27.37	1.31
70		54	-15.75	-1.39	15.97	12.49	-43.31	-0.32
		55	15.75	1.39	36.40	-12.49	54.54	-1.21
71		54	-5.22	1.88	25.52	13.61	-25.51	0.43
		55	5.22	-1.88	26.85	-13.61	26.24	1.64
72		54	-10.11	-1.47	70.43	-23.51	-138.93	-0.33
		55	10.11	1.47	-18.06	23.51	90.26	-1.29
73		54	-1.09	1.05	76.70	-21.41	-119.78	0.24
		55	1.09	-1.05	-24.33	21.41	64.21	0.91
74		54	-10.87	-1.85	68.79	-23.02	-138.25	-0.42
		55	10.87	1.85	-16.42	23.02	91.39	-1.61
75		54	-0.33	1.42	78.34	-21.90	-120.46	0.33
		55	0.33	-1.42	-25.97	21.90	63.08	1.23
76	1	55	-5.24	-0.19	52.42	-3.69	-47.31	-0.04
		5	5.24	0.19	-33.42	3.69	4.38	-0.15
2		55	-2.80	0.13	21.61	-1.02	-11.51	0.03
		5	2.80	-0.13	7.00	1.02	4.21	0.10
3		55	-0.55	0.01	2.71	-0.51	-3.19	0.00
		5	0.55	-0.01	-2.71	0.51	0.47	0.01
4		55	-0.93	0.02	5.96	-0.66	-6.78	0.00
		5	0.93	-0.02	-5.96	0.66	0.82	0.01
5		55	-0.79	0.90	-0.27	-0.29	-2.00	0.18
		5	0.79	-0.90	0.27	0.29	2.27	0.72
6		55	0.87	-0.89	0.42	0.45	1.88	-0.18
		5	-0.87	0.89	-0.42	-0.45	-2.30	-0.71
7		55	-0.43	0.04	-5.91	2.66	1.99	0.01
		5	0.43	-0.04	5.91	-2.66	3.93	0.03
8		55	0.42	-0.03	5.85	-2.48	-2.09	-0.01
		5	-0.42	0.03	-5.85	2.48	-3.76	-0.02
9		55	-12.69	0.77	104.53	-7.64	-88.13	0.16
		5	12.69	-0.77	-42.64	7.64	14.54	0.61
10		55	-11.20	-0.84	105.16	-6.97	-84.64	-0.17
		5	11.20	0.84	-43.26	6.97	10.42	-0.67
11		55	-12.37	-0.01	99.46	-4.99	-84.54	0.00
		5	12.37	0.01	-37.56	4.99	16.03	-0.01
12		55	-11.61	-0.06	110.05	-9.61	-88.21	-0.01
		5	11.61	0.06	-48.15	9.61	9.11	-0.05
13		55	-12.55	0.76	104.94	-7.37	-88.43	0.15
		5	12.55	-0.76	-43.05	7.37	14.44	0.61

14	55	-11.07	-0.85	105.56	-6.70	-84.94	-0.17
	5	11.07	0.85	-43.67	6.70	10.33	-0.68
15	55	-12.23	-0.02	99.86	-4.71	-84.84	0.00
	5	12.23	0.02	-37.97	4.71	15.93	-0.01
16	55	-11.47	-0.07	110.45	-9.33	-88.52	-0.02
	5	11.47	0.07	-48.56	9.33	9.01	-0.06
17	55	-12.33	1.29	100.30	-7.05	-84.54	0.26
	5	12.33	-1.29	-38.41	7.05	15.19	1.03
18	55	-9.85	-1.40	101.34	-5.93	-78.73	-0.29
	5	9.85	1.40	-39.45	5.93	8.33	-1.11
19	55	-11.79	-0.01	91.84	-2.62	-78.56	0.00
	5	11.79	0.01	-29.95	2.62	17.67	0.00
20	55	-10.52	-0.10	109.49	-10.33	-84.68	-0.02
	5	10.52	0.10	-47.60	10.33	6.14	-0.08
21	55	-9.53	0.51	79.56	-5.72	-66.59	0.10
	5	9.53	-0.51	-31.95	5.72	10.84	0.40
22	55	-8.54	-0.57	79.98	-5.28	-64.27	-0.12
	5	8.54	0.57	-32.37	5.28	8.09	-0.45
23	55	-9.32	-0.01	76.17	-3.95	-64.20	0.00
	5	9.32	0.01	-28.56	3.95	11.83	-0.01
24	55	-8.81	-0.05	83.23	-7.04	-66.65	-0.01
	5	8.81	0.05	-35.62	7.04	7.22	-0.04
25	55	-9.44	0.50	79.83	-5.54	-66.80	0.10
	5	9.44	-0.50	-32.22	5.54	10.77	0.40
26	55	-8.45	-0.58	80.25	-5.09	-64.47	-0.12
	5	8.45	0.58	-32.64	5.09	8.03	-0.46
27	55	-9.23	-0.02	76.44	-3.77	-64.40	0.00
	5	9.23	0.02	-28.83	3.77	11.76	-0.01
28	55	-8.72	-0.06	83.51	-6.85	-66.85	-0.01
	5	8.72	0.06	-35.90	6.85	7.15	-0.05
29	55	-9.29	0.85	76.74	-5.32	-64.20	0.17
	5	9.29	-0.85	-29.13	5.32	11.27	0.68
30	55	-7.64	-0.94	77.43	-4.58	-60.33	-0.19
	5	7.64	0.94	-29.82	4.58	6.70	-0.75
31	55	-8.93	-0.01	71.10	-2.37	-60.22	0.00
	5	8.93	0.01	-23.49	2.37	12.92	-0.01
32	55	-8.09	-0.08	82.86	-7.51	-64.30	-0.02
	5	8.09	0.08	-35.25	7.51	5.24	-0.06
33	55	-8.04	-0.06	74.03	-4.71	-58.81	-0.01
	5	8.04	0.06	-26.42	4.71	8.59	-0.05
34	55	-8.23	-0.06	75.22	-4.84	-60.17	-0.01
	5	8.23	0.06	-27.61	4.84	8.75	-0.04
35	55	-8.20	0.12	73.97	-4.76	-59.21	0.02
	5	8.20	-0.12	-26.36	4.76	9.04	0.10
36	55	-7.87	-0.24	74.11	-4.61	-58.44	-0.05
	5	7.87	0.24	-26.50	4.61	8.13	-0.19
37	55	-8.13	-0.05	72.85	-4.17	-58.42	-0.01
	5	8.13	0.05	-25.24	4.17	9.37	-0.04
38	55	-7.96	-0.06	75.20	-5.20	-59.23	-0.01
	5	7.96	0.06	-27.59	5.20	7.84	-0.05

39	55	-8.04	-0.06	74.03	-4.71	-58.81	-0.01
	5	8.04	0.06	-26.42	4.71	8.59	-0.05
40	55	-15.03	17.97	-3.07	-3.50	-43.41	3.66
	5	15.03	-17.97	3.07	3.50	46.48	14.31
41	55	-17.56	23.30	-8.75	-1.88	-47.17	4.74
	5	17.56	-23.30	8.75	1.88	55.92	18.55
42	55	-3.86	1.44	-50.17	22.30	19.10	0.29
	5	3.86	-1.44	50.17	-22.30	31.07	1.15
43	55	-2.44	-0.99	-41.31	17.75	18.42	-0.20
	5	2.44	0.99	41.31	-17.75	22.89	-0.79
44	55	-24.23	18.34	55.91	-1.51	-96.50	3.73
	5	24.23	-18.34	-8.30	1.51	64.39	14.61
45	55	-21.91	17.48	86.01	-14.89	-107.95	3.56
	5	21.91	-17.48	-38.40	14.89	45.75	13.92
46	55	-23.80	17.61	58.57	-2.88	-96.70	3.59
	5	23.80	-17.61	-10.96	2.88	61.94	14.03
47	55	-22.34	18.20	83.35	-13.53	-107.75	3.71
	5	22.34	-18.20	-35.74	13.53	48.20	14.50
48	55	5.83	-17.59	62.05	5.48	-9.67	-3.58
	5	-5.83	17.59	-14.44	-5.48	-28.57	-14.01
49	55	8.14	-18.46	92.15	-7.90	-21.13	-3.76
	5	-8.14	18.46	-44.54	7.90	-47.21	-14.70
50	55	6.25	-18.32	64.70	4.12	-9.87	-3.73
	5	-6.25	18.32	-17.09	-4.12	-31.03	-14.59
51	55	7.72	-17.73	89.49	-6.53	-20.93	-3.61
	5	-7.72	17.73	-41.88	6.53	-44.76	-14.12
52	55	-26.76	23.67	50.23	0.10	-100.26	4.82
	5	26.76	-23.67	-2.62	-0.10	73.83	18.85
53	55	-24.44	22.81	80.33	-13.27	-111.72	4.64
	5	24.44	-22.81	-32.72	13.27	55.19	18.16
54	55	-26.33	22.94	52.89	-1.26	-100.46	4.67
	5	26.33	-22.94	-5.28	1.26	71.38	18.27
55	55	-24.87	23.53	77.68	-11.91	-111.51	4.79
	5	24.87	-23.53	-30.07	11.91	57.64	18.74
56	55	8.36	-22.92	67.72	3.86	-5.91	-4.67
	5	-8.36	22.92	-20.11	-3.86	-38.01	-18.26
57	55	10.67	-23.79	97.83	-9.51	-17.37	-4.84
	5	-10.67	23.79	-50.22	9.51	-56.65	-18.94
58	55	8.78	-23.65	70.38	2.50	-6.11	-4.82
	5	-8.78	23.65	-22.77	-2.50	-40.46	-18.84
59	55	10.25	-23.06	95.17	-8.15	-17.17	-4.70
	5	-10.25	23.06	-47.56	8.15	-54.20	-18.36
60	55	-16.41	6.77	22.94	16.54	-52.74	1.38
	5	16.41	-6.77	24.67	-16.54	53.60	5.39
61	55	-7.39	-4.01	24.78	18.64	-26.69	-0.82
	5	7.39	4.01	22.83	-18.64	25.72	-3.19
62	55	-17.17	8.37	21.24	17.03	-53.87	1.70
	5	17.17	-8.37	26.37	-17.03	56.44	6.67
63	55	-6.63	-5.61	26.48	18.16	-25.56	-1.14
	5	6.63	5.61	21.13	-18.16	22.88	-4.47

64	55	-8.70	3.89	123.28	-28.05	-90.93	0.79	
	5	8.70	-3.89	-75.67	28.05	-8.54	3.10	
65	55	0.32	-6.89	125.12	-25.95	-64.89	-1.40	
	5	-0.32	6.89	-77.51	25.95	-36.43	-5.49	
66	55	-9.45	5.49	121.57	-27.57	-92.06	1.12	
	5	9.45	-5.49	-73.96	27.57	-5.71	4.37	
67	55	1.08	-8.49	126.82	-26.44	-63.76	-1.73	
	5	-1.08	8.49	-79.21	26.44	-39.26	-6.76	
68	55	-14.99	4.34	31.80	12.00	-53.42	0.88	
	5	14.99	-4.34	15.81	-12.00	45.42	3.46	
69	55	-5.98	-6.44	33.64	14.10	-27.37	-1.31	
	5	5.98	6.44	13.97	-14.10	17.53	-5.13	
70	55	-15.75	5.94	30.10	12.49	-54.54	1.21	
	5	15.75	-5.94	17.51	-12.49	48.25	4.73	
71	55	-5.22	-8.04	35.34	13.61	-26.24	-1.64	
	5	5.22	8.04	12.27	-13.61	14.70	-6.40	
72	55	-10.11	6.32	114.42	-23.51	-90.26	1.29	
	5	10.11	-6.32	-66.81	23.51	-0.35	5.03	
73	55	-1.09	-4.46	116.26	-21.41	-64.21	-0.91	
	5	1.09	4.46	-68.65	21.41	-28.24	-3.55	
74	55	-10.87	7.92	112.71	-23.02	-91.39	1.61	
	5	10.87	-7.92	-65.10	23.02	2.48	6.31	
75	55	-0.33	-6.06	117.96	-21.90	-63.08	-1.23	
	5	0.33	6.06	-70.35	21.90	-31.07	-4.82	
77	1	6	-7.13	0.00	-42.20	0.00	-15.92	-0.01
		56	7.13	0.00	64.20	0.00	69.13	0.00
2	6	-3.63	0.00	6.93	0.00	-8.13	0.00	
		56	3.63	0.00	30.63	0.00	19.98	0.00
3	6	-0.81	0.01	-2.60	0.00	-2.16	0.02	
		56	0.81	-0.01	2.60	0.00	4.76	-0.01
4	6	-1.24	0.01	-6.21	0.00	-2.93	0.04	
		56	1.24	-0.01	6.21	0.00	9.15	-0.03
5	6	-6.68	0.01	-1.03	0.00	3.46	0.03	
		56	6.68	-0.01	1.03	0.00	-2.43	-0.02
6	6	6.83	-0.01	0.42	0.00	-2.77	-0.02	
		56	-6.83	0.01	-0.42	0.00	2.35	0.02
7	6	-0.04	0.15	-0.07	-2.38	0.19	0.48	
		56	0.04	-0.15	0.07	2.38	-0.12	-0.33
8	6	0.05	-0.15	-0.04	2.38	0.15	-0.48	
		56	-0.05	0.15	0.04	-2.38	-0.11	0.33
9	6	-22.14	0.02	-55.34	0.00	-33.60	0.08	
		56	22.14	-0.02	132.76	0.00	127.65	-0.06
10	6	-9.98	0.00	-54.03	0.00	-39.21	0.03	
		56	9.98	0.00	131.46	0.00	131.95	-0.03
11	6	-16.17	0.15	-54.47	-2.14	-36.55	0.49	
		56	16.17	-0.15	131.90	2.14	129.73	-0.34
12	6	-16.08	-0.13	-54.44	2.15	-36.58	-0.38	
		56	16.08	0.13	131.87	-2.15	129.74	0.26
13	6	-21.85	0.02	-56.10	0.00	-32.56	0.08	

	56	21.85	-0.02	133.52	0.00	127.37	-0.06
14	6	-9.69	0.00	-54.79	0.00	-38.16	0.03
	56	9.69	0.00	132.22	0.00	131.67	-0.03
15	6	-15.87	0.15	-55.23	-2.14	-35.50	0.49
	56	15.87	-0.15	132.66	2.14	129.45	-0.34
16	6	-15.79	-0.13	-55.21	2.15	-35.54	-0.38
	56	15.79	0.13	132.63	-2.15	129.46	0.25
17	6	-24.94	0.01	-52.05	0.00	-28.28	0.07
	56	24.94	-0.01	129.48	0.00	119.05	-0.05
18	6	-4.67	-0.01	-49.88	0.00	-37.63	-0.01
	56	4.67	0.01	127.30	0.00	126.21	0.00
19	6	-14.97	0.23	-50.61	-3.57	-33.19	0.75
	56	14.97	-0.23	128.04	3.57	122.52	-0.52
20	6	-14.83	-0.23	-50.57	3.58	-33.25	-0.70
	56	14.83	0.23	128.00	-3.58	122.53	0.48
21	6	-16.20	0.01	-41.59	0.00	-25.61	0.05
	56	16.20	-0.01	101.15	0.00	96.98	-0.04
22	6	-8.09	0.00	-40.72	0.00	-29.34	0.02
	56	8.09	0.00	100.28	0.00	99.85	-0.02
23	6	-12.21	0.10	-41.02	-1.43	-27.57	0.32
	56	12.21	-0.10	100.58	1.43	98.37	-0.23
24	6	-12.15	-0.09	-41.00	1.43	-27.59	-0.26
	56	12.15	0.09	100.56	-1.43	98.37	0.17
25	6	-16.00	0.01	-42.10	0.00	-24.91	0.05
	56	16.00	-0.01	101.66	0.00	96.79	-0.04
26	6	-7.89	0.00	-41.23	0.00	-28.65	0.02
	56	7.89	0.00	100.79	0.00	99.66	-0.02
27	6	-12.02	0.10	-41.52	-1.43	-26.88	0.32
	56	12.02	-0.10	101.08	1.43	98.18	-0.23
28	6	-11.96	-0.09	-41.51	1.43	-26.90	-0.26
	56	11.96	0.09	101.07	-1.43	98.18	0.17
29	6	-18.06	0.01	-39.41	0.00	-22.06	0.04
	56	18.06	-0.01	98.97	0.00	91.25	-0.04
30	6	-4.54	-0.01	-37.95	0.00	-28.29	-0.01
	56	4.54	0.01	97.51	0.00	96.02	0.00
31	6	-11.42	0.15	-38.44	-2.38	-25.33	0.50
	56	11.42	-0.15	98.00	2.38	93.56	-0.34
32	6	-11.32	-0.15	-38.41	2.38	-25.37	-0.47
	56	11.32	0.15	97.97	-2.38	93.57	0.32
33	6	-10.76	-0.01	-35.27	0.00	-24.05	-0.01
	56	10.76	0.01	94.83	0.00	89.10	0.00
34	6	-11.00	0.00	-36.51	0.00	-24.64	0.00
	56	11.00	0.00	96.07	0.00	90.93	0.00
35	6	-12.09	0.00	-35.48	0.00	-23.36	0.00
	56	12.09	0.00	95.04	0.00	88.62	0.00
36	6	-9.39	-0.01	-35.19	0.00	-24.61	-0.01
	56	9.39	0.01	94.75	0.00	89.57	0.01
37	6	-10.76	0.02	-35.28	-0.48	-24.02	0.09
	56	10.76	-0.02	94.84	0.48	89.08	-0.06
38	6	-10.75	-0.04	-35.28	0.48	-24.02	-0.11

	56	10.75	0.04	94.84	-0.48	89.08	0.07
39	6	-10.76	-0.01	-35.27	0.00	-24.05	-0.01
	56	10.76	0.01	94.83	0.00	89.10	0.00
40	6	-142.02	0.07	0.78	-0.76	46.92	0.44
	56	142.02	-0.07	-0.78	0.76	-47.70	-0.37
41	6	-142.61	0.07	0.79	0.76	46.90	0.05
	56	142.61	-0.07	-0.79	-0.76	-47.69	0.02
42	6	-0.84	1.73	-0.15	-14.59	0.20	6.05
	56	0.84	-1.73	0.15	14.59	-0.05	-4.32
43	6	-0.19	2.02	-0.18	-18.31	0.25	7.42
	56	0.19	-2.02	0.18	18.31	-0.07	-5.41
44	6	-153.02	0.59	-34.53	-5.14	22.92	2.25
	56	153.02	-0.59	34.53	5.14	-22.92	-2.25
45	6	-152.52	-0.45	-34.44	3.62	41.39	-1.66
	56	152.52	0.45	34.44	-3.62	-41.39	1.66
46	6	-152.83	0.67	-34.54	-6.25	22.94	2.66
	56	152.83	-0.67	34.54	6.25	-22.94	-2.66
47	6	-152.71	-0.54	-34.43	4.73	41.39	-1.80
	56	152.71	0.54	34.43	-4.73	-41.39	1.80
48	6	131.01	0.44	-36.09	-3.62	-70.91	1.37
	56	-131.01	-0.44	36.09	3.62	70.91	-1.37
49	6	131.51	-0.60	-36.01	5.14	-71.03	-2.26
	56	-131.51	0.60	36.01	-5.14	71.03	2.26
50	6	131.20	0.53	-36.11	-4.73	-70.89	1.78
	56	-131.20	-0.53	36.11	4.73	70.89	-1.78
51	6	131.32	-0.68	-36.00	6.25	-71.05	-2.67
	56	-131.32	0.68	36.00	-6.25	71.05	2.67
52	6	-153.62	0.58	-34.52	-3.62	22.90	1.86
	56	153.62	-0.58	34.52	3.62	-22.90	-1.86
53	6	-153.12	-0.46	-34.43	5.14	22.79	-1.77
	56	153.12	0.46	34.43	-5.14	-22.79	1.77
54	6	-153.43	0.67	-34.53	-4.73	22.92	2.27
	56	153.43	-0.67	34.53	4.73	-22.92	-2.27
55	6	-153.31	-0.54	-34.42	6.25	22.77	-2.18
	56	153.31	0.54	34.42	-6.25	-22.77	2.18
56	6	131.61	0.45	-36.11	-5.14	-70.89	1.75
	56	-131.61	-0.45	36.11	5.14	70.89	-1.75
57	6	132.11	-0.60	-36.02	3.62	-71.01	-1.88
	56	-132.11	0.60	36.02	-3.62	71.01	1.88
58	6	131.80	0.53	-36.12	-6.25	-70.88	2.17
	56	-131.80	-0.53	36.12	6.25	70.88	-2.17
59	6	131.91	-0.68	-36.01	4.73	-71.03	-2.29
	56	-131.91	0.68	36.01	-4.73	71.03	2.29
60	6	-54.20	1.75	-35.18	-14.82	-9.78	6.17
	56	54.20	-1.75	35.18	14.82	9.78	-6.17
61	6	31.01	1.71	-35.65	-14.37	-37.93	5.91
	56	-31.01	-1.71	35.65	14.37	37.93	-5.91
62	6	-54.38	1.75	-35.18	-14.37	-9.79	6.06
	56	54.38	-1.75	35.18	14.37	9.79	-6.06
63	6	31.19	1.71	-35.65	-14.82	-37.93	6.03

		56	-31.19	-1.71	95.21	14.82	103.36	-4.32
64		6	-52.52	-1.72	-34.89	14.37	-10.18	-5.93
		56	52.52	1.72	94.45	-14.37	74.84	4.21
65		6	32.69	-1.76	-35.36	14.82	-38.33	-6.19
		56	-32.69	1.76	94.92	-14.82	103.46	4.43
66		6	-52.70	-1.72	-34.88	14.82	-10.18	-6.04
		56	52.70	1.72	94.44	-14.82	74.85	4.33
67		6	32.87	-1.76	-35.36	14.37	-38.32	-6.08
		56	-32.87	1.76	94.92	-14.37	103.46	4.32
68		6	-53.55	2.03	-35.22	-18.53	-9.73	7.55
		56	53.55	-2.03	94.78	18.53	74.73	-5.51
69		6	31.66	1.99	-35.69	-18.08	-37.88	7.28
		56	-31.66	-1.99	95.25	18.08	103.34	-5.30
70		6	-53.73	2.03	-35.22	-18.08	-9.73	7.43
		56	53.73	-2.03	94.78	18.08	74.73	-5.40
71		6	31.84	1.99	-35.69	-18.53	-37.87	7.40
		56	-31.84	-1.99	95.25	18.53	103.34	-5.41
72		6	-53.17	-2.00	-34.85	18.08	-10.23	-7.30
		56	53.17	2.00	94.41	-18.08	74.86	5.30
73		6	32.04	-2.04	-35.32	18.53	-38.38	-7.56
		56	-32.04	2.04	94.88	-18.53	103.48	5.52
74		6	-53.35	-2.00	-34.85	18.53	-10.24	-7.42
		56	53.35	2.00	94.41	-18.53	74.86	5.42
75		6	32.22	-2.04	-35.32	18.08	-38.38	-7.45
		56	-32.22	2.04	94.88	-18.08	103.48	5.41
78	1	56	-7.13	0.00	-8.38	0.00	-69.13	0.00
		57	7.13	0.00	32.58	0.00	91.66	0.00
	2	56	-3.63	0.00	18.49	0.00	-19.98	0.00
		57	3.63	0.00	22.82	0.00	22.36	0.00
	3	56	-0.81	0.01	-0.64	0.00	-4.76	0.01
		57	0.81	-0.01	0.64	0.00	5.46	-0.01
	4	56	-1.24	0.01	-2.15	0.00	-9.15	0.03
		57	1.24	-0.01	2.15	0.00	11.52	-0.02
	5	56	-6.68	0.01	-1.15	0.00	2.43	0.02
		57	6.68	-0.01	1.15	0.00	-1.17	-0.01
	6	56	6.83	-0.01	0.66	0.00	-2.35	-0.02
		57	-6.83	0.01	-0.66	0.00	1.63	0.01
	7	56	-0.04	0.15	-0.07	-2.38	0.12	0.33
		57	0.04	-0.15	0.07	2.38	-0.04	-0.17
	8	56	0.05	-0.15	-0.05	2.38	0.11	-0.33
		57	-0.05	0.15	0.05	-2.38	-0.05	0.17
	9	56	-22.14	0.02	9.54	0.00	-127.65	0.06
		57	22.14	-0.02	75.63	0.00	164.00	-0.04
	10	56	-9.98	0.00	11.16	0.00	-131.95	0.03
		57	9.98	0.00	74.01	0.00	166.51	-0.02
	11	56	-16.17	0.15	10.51	-2.14	-129.73	0.34
		57	16.17	-0.15	74.66	2.14	165.02	-0.18
	12	56	-16.08	-0.13	10.53	2.15	-129.74	-0.26
		57	16.08	0.13	74.64	-2.15	165.00	0.12

13	56	-21.85	0.02	8.88	0.00	-127.37	0.06
	57	21.85	-0.02	76.29	0.00	164.45	-0.04
14	56	-9.69	0.00	10.50	0.00	-131.67	0.03
	57	9.69	0.00	74.67	0.00	166.96	-0.03
15	56	-15.87	0.15	9.85	-2.14	-129.45	0.34
	57	15.87	-0.15	75.32	2.14	165.46	-0.18
16	56	-15.79	-0.13	9.87	2.15	-129.46	-0.25
	57	15.79	0.13	75.30	-2.15	165.45	0.12
17	56	-24.94	0.01	9.80	0.00	-119.05	0.05
	57	24.94	-0.01	75.37	0.00	155.11	-0.04
18	56	-4.67	-0.01	12.51	0.00	-126.21	0.00
	57	4.67	0.01	72.66	0.00	159.30	-0.01
19	56	-14.97	0.23	11.42	-3.57	-122.52	0.52
	57	14.97	-0.23	73.75	3.57	156.80	-0.27
20	56	-14.83	-0.23	11.45	3.58	-122.53	-0.48
	57	14.83	0.23	73.72	-3.58	156.78	0.23
21	56	-16.20	0.01	7.71	0.00	-96.98	0.04
	57	16.20	-0.01	57.81	0.00	124.54	-0.03
22	56	-8.09	0.00	8.79	0.00	-99.85	0.02
	57	8.09	0.00	56.73	0.00	126.21	-0.02
23	56	-12.21	0.10	8.35	-1.43	-98.37	0.23
	57	12.21	-0.10	57.16	1.43	125.21	-0.12
24	56	-12.15	-0.09	8.37	1.43	-98.37	-0.17
	57	12.15	0.09	57.15	-1.43	125.20	0.08
25	56	-16.00	0.01	7.27	0.00	-96.79	0.04
	57	16.00	-0.01	58.25	0.00	124.83	-0.03
26	56	-7.89	0.00	8.35	0.00	-99.66	0.02
	57	7.89	0.00	57.17	0.00	126.51	-0.02
27	56	-12.02	0.10	7.91	-1.43	-98.18	0.23
	57	12.02	-0.10	57.60	1.43	125.51	-0.12
28	56	-11.96	-0.09	7.93	1.43	-98.18	-0.17
	57	11.96	0.09	57.59	-1.43	125.50	0.08
29	56	-18.06	0.01	7.88	0.00	-91.25	0.04
	57	18.06	-0.01	57.63	0.00	118.61	-0.03
30	56	-4.54	-0.01	9.69	0.00	-96.02	0.00
	57	4.54	0.01	55.83	0.00	121.40	0.00
31	56	-11.42	0.15	8.96	-2.38	-93.56	0.34
	57	11.42	-0.15	56.55	2.38	119.74	-0.18
32	56	-11.32	-0.15	8.98	2.38	-93.57	-0.32
	57	11.32	0.15	56.53	-2.38	119.72	0.15
33	56	-10.76	-0.01	10.11	0.00	-89.10	0.00
	57	10.76	0.01	55.41	0.00	114.02	0.00
34	56	-11.00	0.00	9.68	0.00	-90.93	0.00
	57	11.00	0.00	55.84	0.00	116.32	-0.01
35	56	-12.09	0.00	9.88	0.00	-88.62	0.00
	57	12.09	0.00	55.64	0.00	113.78	-0.01
36	56	-9.39	-0.01	10.24	0.00	-89.57	-0.01
	57	9.39	0.01	55.27	0.00	114.34	0.00
37	56	-10.76	0.02	10.10	-0.48	-89.08	0.06
	57	10.76	-0.02	55.42	0.48	114.01	-0.04

38	56	-10.75	-0.04	10.10	0.48	-89.08	-0.07
	57	10.75	0.04	55.42	-0.48	114.01	0.03
39	56	-10.76	-0.01	10.11	0.00	-89.10	0.00
	57	10.76	0.01	55.41	0.00	114.02	0.00
40	56	-142.02	0.07	-5.97	-0.76	47.70	0.37
	57	142.02	-0.07	5.97	0.76	-41.13	-0.29
41	56	-142.61	0.07	-5.96	0.76	47.69	-0.02
	57	142.61	-0.07	5.96	-0.76	-41.14	0.09
42	56	-0.84	1.73	-0.11	-14.59	0.05	4.32
	57	0.84	-1.73	0.11	14.59	0.07	-2.41
43	56	-0.19	2.02	-0.14	-18.31	0.07	5.41
	57	0.19	-2.02	0.14	18.31	0.08	-3.19
44	56	-153.02	0.59	4.11	-5.14	-41.39	1.66
	57	153.02	-0.59	61.41	5.14	72.90	-1.01
45	56	-152.52	-0.45	4.18	3.62	-41.42	-0.93
	57	152.52	0.45	61.34	-3.62	72.86	0.43
46	56	-152.83	0.67	4.10	-6.25	-41.39	1.99
	57	152.83	-0.67	61.41	6.25	72.91	-1.25
47	56	-152.71	-0.54	4.19	4.73	-41.43	-1.26
	57	152.71	0.54	61.33	-4.73	72.86	0.67
48	56	131.01	0.44	16.04	-3.62	-136.79	0.93
	57	-131.01	-0.44	49.47	3.62	155.17	-0.44
49	56	131.51	-0.60	16.11	5.14	-136.81	-1.66
	57	-131.51	0.60	49.41	-5.14	155.13	1.01
50	56	131.20	0.53	16.04	-4.73	-136.78	1.25
	57	-131.20	-0.53	49.48	4.73	155.17	-0.67
51	56	131.32	-0.68	16.12	6.25	-136.82	-1.99
	57	-131.32	0.68	49.40	-6.25	155.12	1.24
52	56	-153.62	0.58	4.12	-3.62	-41.40	1.28
	57	153.62	-0.58	61.40	3.62	72.90	-0.64
53	56	-153.12	-0.46	4.19	5.14	-41.43	-1.31
	57	153.12	0.46	61.33	-5.14	72.86	0.81
54	56	-153.43	0.67	4.11	-4.73	-41.39	1.60
	57	153.43	-0.67	61.41	4.73	72.90	-0.87
55	56	-153.31	-0.54	4.19	6.25	-41.43	-1.64
	57	153.31	0.54	61.32	-6.25	72.85	1.05
56	56	131.61	0.45	16.03	-5.14	-136.78	1.31
	57	-131.61	-0.45	49.48	5.14	155.17	-0.82
57	56	132.11	-0.60	16.10	3.62	-136.81	-1.28
	57	-132.11	0.60	49.41	-3.62	155.13	0.63
58	56	131.80	0.53	16.03	-6.25	-136.77	1.64
	57	-131.80	-0.53	49.49	6.25	155.18	-1.05
59	56	131.91	-0.68	16.11	4.73	-136.81	-1.61
	57	-131.91	0.68	49.41	-4.73	155.13	0.86
60	56	-54.20	1.75	8.21	-14.82	-74.75	4.43
	57	54.20	-1.75	57.31	14.82	101.75	-2.50
61	56	31.01	1.71	11.79	-14.37	-103.36	4.21
	57	-31.01	-1.71	53.73	14.37	126.43	-2.33
62	56	-54.38	1.75	8.21	-14.37	-74.75	4.31
	57	54.38	-1.75	57.30	14.37	101.75	-2.39

63	56	31.19	1.71	11.79	-14.82	-103.36	4.32
	57	-31.19	-1.71	53.73	14.82	126.43	-2.44
64	56	-52.52	-1.72	8.43	14.37	-74.84	-4.21
	57	52.52	1.72	57.09	-14.37	101.60	2.32
65	56	32.69	-1.76	12.01	14.82	-103.46	-4.43
	57	-32.69	1.76	53.51	-14.82	126.28	2.49
66	56	-52.70	-1.72	8.43	14.82	-74.85	-4.33
	57	52.70	1.72	57.08	-14.82	101.60	2.44
67	56	32.87	-1.76	12.01	14.37	-103.46	-4.32
	57	-32.87	1.76	53.51	-14.37	126.28	2.38
68	56	-53.55	2.03	8.18	-18.53	-74.73	5.51
	57	53.55	-2.03	57.33	18.53	101.76	-3.28
69	56	31.66	1.99	11.76	-18.08	-103.34	5.30
	57	-31.66	-1.99	53.75	18.08	126.44	-3.11
70	56	-53.73	2.03	8.19	-18.08	-74.73	5.40
	57	53.73	-2.03	57.33	18.08	101.76	-3.17
71	56	31.84	1.99	11.76	-18.53	-103.34	5.41
	57	-31.84	-1.99	53.76	18.53	126.44	-3.22
72	56	-53.17	-2.00	8.46	18.08	-74.86	-5.30
	57	53.17	2.00	57.06	-18.08	101.59	3.10
73	56	32.04	-2.04	12.04	18.53	-103.48	-5.52
	57	-32.04	2.04	53.48	-18.53	126.27	3.27
74	56	-53.35	-2.00	8.46	18.53	-74.86	-5.42
	57	53.35	2.00	57.06	-18.53	101.59	3.21
75	56	32.22	-2.04	12.04	18.08	-103.48	-5.41
	57	-32.22	2.04	53.48	-18.08	126.27	3.16

79	1	57	-7.13	0.00	23.18	0.00	-91.66	0.00
		58	7.13	0.00	1.02	0.00	79.47	-0.01
	2	57	-3.63	0.00	26.87	0.00	-22.36	0.00
		58	3.63	0.00	14.45	0.00	15.53	0.00
	3	57	-0.81	0.01	1.40	0.00	-5.46	0.01
		58	0.81	-0.01	-1.40	0.00	3.92	0.00
	4	57	-1.24	0.01	1.94	0.00	-11.52	0.02
		58	1.24	-0.01	-1.94	0.00	9.38	-0.01
	5	57	-6.68	0.01	-1.28	0.00	1.17	0.01
		58	6.68	-0.01	1.28	0.00	0.25	0.00
	6	57	6.83	-0.01	0.86	0.00	-1.63	-0.01
		58	-6.83	0.01	-0.86	0.00	0.68	0.00
	7	57	-0.04	0.15	-0.08	-2.38	0.04	0.17
		58	0.04	-0.15	0.08	2.38	0.05	0.00
	8	57	0.05	-0.15	-0.07	2.38	0.05	-0.17
		58	-0.05	0.15	0.07	-2.38	0.02	0.00
	9	57	-22.14	0.02	67.46	0.00	-164.00	0.04
		58	22.14	-0.02	17.71	0.00	136.64	-0.03
	10	57	-9.98	0.00	69.39	0.00	-166.51	0.02
		58	9.98	0.00	15.78	0.00	137.03	-0.02
	11	57	-16.17	0.15	68.54	-2.14	-165.02	0.18
		58	16.17	-0.15	16.63	2.14	136.46	-0.02
	12	57	-16.08	-0.13	68.56	2.15	-165.00	-0.12

	58	16.08	0.13	16.61	-2.15	136.43	-0.02
13	57	-21.85	0.02	66.81	0.00	-164.45	0.04
	58	21.85	-0.02	18.36	0.00	137.80	-0.03
14	57	-9.69	0.00	68.74	0.00	-166.96	0.03
	58	9.69	0.00	16.43	0.00	138.19	-0.02
15	57	-15.87	0.15	67.89	-2.14	-165.46	0.18
	58	15.87	-0.15	17.28	2.14	137.62	-0.02
16	57	-15.79	-0.13	67.91	2.15	-165.45	-0.12
	58	15.79	0.13	17.26	-2.15	137.59	-0.02
17	57	-24.94	0.01	64.58	0.00	-155.11	0.04
	58	24.94	-0.01	20.59	0.00	130.91	-0.02
18	57	-4.67	-0.01	67.80	0.00	-159.30	0.01
	58	4.67	0.01	17.38	0.00	131.57	-0.02
19	57	-14.97	0.23	66.39	-3.57	-156.80	0.27
	58	14.97	-0.23	18.78	3.57	130.62	-0.02
20	57	-14.83	-0.23	66.41	3.58	-156.78	-0.23
	58	14.83	0.23	18.76	-3.58	130.57	-0.02
21	57	-16.20	0.01	51.65	0.00	-124.54	0.03
	58	16.20	-0.01	13.87	0.00	103.76	-0.02
22	57	-8.09	0.00	52.93	0.00	-126.21	0.02
	58	8.09	0.00	12.59	0.00	104.02	-0.02
23	57	-12.21	0.10	52.37	-1.43	-125.21	0.12
	58	12.21	-0.10	13.15	1.43	103.64	-0.02
24	57	-12.15	-0.09	52.38	1.43	-125.20	-0.08
	58	12.15	0.09	13.14	-1.43	103.62	-0.02
25	57	-16.00	0.01	51.21	0.00	-124.83	0.03
	58	16.00	-0.01	14.30	0.00	104.53	-0.02
26	57	-7.89	0.00	52.50	0.00	-126.51	0.02
	58	7.89	0.00	13.02	0.00	104.79	-0.02
27	57	-12.02	0.10	51.93	-1.43	-125.51	0.12
	58	12.02	-0.10	13.58	1.43	104.42	-0.02
28	57	-11.96	-0.09	51.94	1.43	-125.50	-0.08
	58	11.96	0.09	13.57	-1.43	104.40	-0.02
29	57	-18.06	0.01	49.73	0.00	-118.61	0.03
	58	18.06	-0.01	15.79	0.00	99.94	-0.02
30	57	-4.54	-0.01	51.87	0.00	-121.40	0.00
	58	4.54	0.01	13.65	0.00	100.38	-0.01
31	57	-11.42	0.15	50.93	-2.38	-119.74	0.18
	58	11.42	-0.15	14.59	2.38	99.75	-0.01
32	57	-11.32	-0.15	50.95	2.38	-119.72	-0.15
	58	11.32	0.15	14.57	-2.38	99.71	-0.01
33	57	-10.76	-0.01	50.04	0.00	-114.02	0.00
	58	10.76	0.01	15.47	0.00	95.00	-0.01
34	57	-11.00	0.00	50.43	0.00	-116.32	0.01
	58	11.00	0.00	15.09	0.00	96.88	-0.01
35	57	-12.09	0.00	49.79	0.00	-113.78	0.01
	58	12.09	0.00	15.73	0.00	95.05	-0.01
36	57	-9.39	-0.01	50.21	0.00	-114.34	0.00
	58	9.39	0.01	15.30	0.00	95.14	-0.01
37	57	-10.76	0.02	50.03	-0.48	-114.01	0.04

	58	10.76	-0.02	15.49	0.48	95.01	-0.01
38	57	-10.75	-0.04	50.03	0.48	-114.01	-0.03
	58	10.75	0.04	15.49	-0.48	95.01	-0.01
39	57	-10.76	-0.01	50.04	0.00	-114.02	0.00
	58	10.76	0.01	15.47	0.00	95.00	-0.01
40	57	-142.02	0.07	-11.43	-0.76	41.13	0.29
	58	142.02	-0.07	11.43	0.76	-28.57	-0.21
41	57	-142.61	0.07	-11.42	0.76	41.14	-0.09
	58	142.61	-0.07	11.42	-0.76	-28.58	0.17
42	57	-0.84	1.73	-0.08	-14.59	-0.07	2.41
	58	0.84	-1.73	0.08	14.59	0.16	-0.50
43	57	-0.19	2.02	-0.10	-18.31	-0.08	3.19
	58	0.19	-2.02	0.10	18.31	0.20	-0.97
44	57	-153.02	0.59	38.59	-5.14	-72.90	1.01
	58	153.02	-0.59	26.92	5.14	66.49	-0.37
45	57	-152.52	-0.45	38.64	3.62	-72.86	-0.43
	58	152.52	0.45	26.88	-3.62	66.39	-0.07
46	57	-152.83	0.67	38.59	-6.25	-72.91	1.25
	58	152.83	-0.67	26.93	6.25	66.50	-0.51
47	57	-152.71	-0.54	38.65	4.73	-72.86	-0.67
	58	152.71	0.54	26.87	-4.73	66.38	0.07
48	57	131.01	0.44	61.44	-3.62	-155.17	0.44
	58	-131.01	-0.44	4.07	3.62	123.62	0.05
49	57	131.51	-0.60	61.49	5.14	-155.13	-1.01
	58	-131.51	0.60	4.02	-5.14	123.52	0.35
50	57	131.20	0.53	61.44	-4.73	-155.17	0.67
	58	-131.20	-0.53	4.08	4.73	123.63	-0.10
51	57	131.32	-0.68	61.50	6.25	-155.12	-1.24
	58	-131.32	0.68	4.02	-6.25	123.51	0.49
52	57	-153.62	0.58	38.60	-3.62	-72.90	0.64
	58	153.62	-0.58	26.92	3.62	66.48	0.01
53	57	-153.12	-0.46	38.65	5.14	-72.86	-0.81
	58	153.12	0.46	26.87	-5.14	66.38	0.31
54	57	-153.43	0.67	38.59	-4.73	-72.90	0.87
	58	153.43	-0.67	26.92	4.73	66.49	-0.13
55	57	-153.31	-0.54	38.65	6.25	-72.85	-1.05
	58	153.31	0.54	26.86	-6.25	66.37	0.45
56	57	131.61	0.45	61.44	-5.14	-155.17	0.82
	58	-131.61	-0.45	4.08	5.14	123.63	-0.33
57	57	132.11	-0.60	61.48	3.62	-155.13	-0.63
	58	-132.11	0.60	4.03	-3.62	123.53	-0.03
58	57	131.80	0.53	61.43	-6.25	-155.18	1.05
	58	-131.80	-0.53	4.09	6.25	123.64	-0.47
59	57	131.91	-0.68	61.49	4.73	-155.13	-0.86
	58	-131.91	0.68	4.03	-4.73	123.52	0.11
60	57	-54.20	1.75	46.53	-14.82	-101.75	2.50
	58	54.20	-1.75	18.98	14.82	86.60	-0.58
61	57	31.01	1.71	53.39	-14.37	-126.43	2.33
	58	-31.01	-1.71	12.13	14.37	103.74	-0.45
62	57	-54.38	1.75	46.54	-14.37	-101.75	2.39

	58	54.38	-1.75	18.98	14.37	86.59	-0.46
63	57	31.19	1.71	53.39	-14.82	-126.43	2.44
	58	-31.19	-1.71	12.13	14.82	103.74	-0.57
64	57	-52.52	-1.72	46.70	14.37	-101.60	-2.32
	58	52.52	1.72	18.82	-14.37	86.27	0.43
65	57	32.69	-1.76	53.55	14.82	-126.28	-2.49
	58	-32.69	1.76	11.97	-14.82	103.41	0.56
66	57	-52.70	-1.72	46.70	14.82	-101.60	-2.44
	58	52.70	1.72	18.82	-14.82	86.27	0.54
67	57	32.87	-1.76	53.55	14.37	-126.28	-2.38
	58	-32.87	1.76	11.97	-14.37	103.41	0.44
68	57	-53.55	2.03	46.51	-18.53	-101.76	3.28
	58	53.55	-2.03	19.00	18.53	86.63	-1.05
69	57	31.66	1.99	53.37	-18.08	-126.44	3.11
	58	-31.66	-1.99	12.15	18.08	103.77	-0.92
70	57	-53.73	2.03	46.51	-18.08	-101.76	3.17
	58	53.73	-2.03	19.00	18.08	86.63	-0.93
71	57	31.84	1.99	53.37	-18.53	-126.44	3.22
	58	-31.84	-1.99	12.15	18.53	103.77	-1.03
72	57	-53.17	-2.00	46.72	18.08	-101.59	-3.10
	58	53.17	2.00	18.80	-18.08	86.24	0.90
73	57	32.04	-2.04	53.57	18.53	-126.27	-3.27
	58	-32.04	2.04	11.94	-18.53	103.38	1.03
74	57	-53.35	-2.00	46.72	18.53	-101.59	-3.21
	58	53.35	2.00	18.80	-18.53	86.24	1.01
75	57	32.22	-2.04	53.57	18.08	-126.27	-3.16
	58	-32.22	2.04	11.95	-18.08	103.38	0.91

80	1	58	-7.13	0.00	55.13	0.00	-79.47	0.01
		59	7.13	0.00	-30.93	0.00	32.14	-0.01
	2	58	-3.63	0.00	35.90	0.00	-15.53	0.00
		59	3.63	0.00	5.41	0.00	-1.24	0.00
	3	58	-0.81	0.01	3.55	0.00	-3.92	0.00
		59	0.81	-0.01	-3.55	0.00	0.01	0.00
	4	58	-1.24	0.01	6.13	0.00	-9.38	0.01
		59	1.24	-0.01	-6.13	0.00	2.63	0.01
	5	58	-6.68	0.01	-1.44	0.00	-0.25	0.00
		59	6.68	-0.01	1.44	0.00	1.83	0.01
	6	58	6.83	-0.01	1.03	0.00	-0.68	0.00
		59	-6.83	0.01	-1.03	0.00	-0.46	0.00
	7	58	-0.04	0.15	-0.10	-2.38	-0.05	0.00
		59	0.04	-0.15	0.10	2.38	0.16	0.17
	8	58	0.05	-0.15	-0.09	2.38	-0.02	0.00
		59	-0.05	0.15	0.09	-2.38	0.11	-0.17
	9	58	-22.14	0.02	126.98	0.00	-136.64	0.03
		59	22.14	-0.02	-41.81	0.00	43.81	-0.01
	10	58	-9.98	0.00	129.20	0.00	-137.03	0.02
		59	9.98	0.00	-44.03	0.00	41.75	-0.02
	11	58	-16.17	0.15	128.18	-2.14	-136.46	0.02
		59	16.17	-0.15	-43.01	2.14	42.30	0.14

12	58	-16.08	-0.13	128.19	2.15	-136.43	0.02
	59	16.08	0.13	-43.02	-2.15	42.26	-0.16
13	58	-21.85	0.02	126.26	0.00	-137.80	0.03
	59	21.85	-0.02	-41.08	0.00	45.76	-0.01
14	58	-9.69	0.00	128.48	0.00	-138.19	0.02
	59	9.69	0.00	-43.31	0.00	43.71	-0.02
15	58	-15.87	0.15	127.46	-2.14	-137.62	0.02
	59	15.87	-0.15	-42.29	2.14	44.26	0.14
16	58	-15.79	-0.13	127.47	2.15	-137.59	0.02
	59	15.79	0.13	-42.30	-2.15	44.22	-0.16
17	58	-24.94	0.01	120.79	0.00	-130.91	0.02
	59	24.94	-0.01	-35.62	0.00	44.88	-0.01
18	58	-4.67	-0.01	124.50	0.00	-131.57	0.02
	59	4.67	0.01	-39.33	0.00	41.46	-0.02
19	58	-14.97	0.23	122.80	-3.57	-130.62	0.02
	59	14.97	-0.23	-37.63	3.57	42.38	0.23
20	58	-14.83	-0.23	122.82	3.58	-130.57	0.02
	59	14.83	0.23	-37.65	-3.58	42.31	-0.27
21	58	-16.20	0.01	96.79	0.00	-103.76	0.02
	59	16.20	-0.01	-31.27	0.00	33.32	-0.01
22	58	-8.09	0.00	98.27	0.00	-104.02	0.02
	59	8.09	0.00	-32.76	0.00	31.95	-0.01
23	58	-12.21	0.10	97.59	-1.43	-103.64	0.02
	59	12.21	-0.10	-32.08	1.43	32.32	0.09
24	58	-12.15	-0.09	97.60	1.43	-103.62	0.02
	59	12.15	0.09	-32.08	-1.43	32.30	-0.11
25	58	-16.00	0.01	96.31	0.00	-104.53	0.02
	59	16.00	-0.01	-30.79	0.00	34.63	-0.01
26	58	-7.89	0.00	97.79	0.00	-104.79	0.02
	59	7.89	0.00	-32.28	0.00	33.26	-0.01
27	58	-12.02	0.10	97.11	-1.43	-104.42	0.02
	59	12.02	-0.10	-31.59	1.43	33.63	0.09
28	58	-11.96	-0.09	97.12	1.43	-104.40	0.02
	59	11.96	0.09	-31.60	-1.43	33.60	-0.11
29	58	-18.06	0.01	92.67	0.00	-99.94	0.02
	59	18.06	-0.01	-27.15	0.00	34.04	-0.01
30	58	-4.54	-0.01	95.14	0.00	-100.38	0.01
	59	4.54	0.01	-29.62	0.00	31.76	-0.02
31	58	-11.42	0.15	94.00	-2.38	-99.75	0.01
	59	11.42	-0.15	-28.49	2.38	32.38	0.15
32	58	-11.32	-0.15	94.02	2.38	-99.71	0.01
	59	11.32	0.15	-28.50	-2.38	32.33	-0.18
33	58	-10.76	-0.01	91.04	0.00	-95.00	0.01
	59	10.76	0.01	-25.52	0.00	30.90	-0.02
34	58	-11.00	0.00	92.26	0.00	-96.88	0.01
	59	11.00	0.00	-26.75	0.00	31.42	-0.02
35	58	-12.09	0.00	90.75	0.00	-95.05	0.01
	59	12.09	0.00	-25.23	0.00	31.26	-0.02
36	58	-9.39	-0.01	91.24	0.00	-95.14	0.01
	59	9.39	0.01	-25.73	0.00	30.81	-0.02

37	58	-10.76	0.02	91.02	-0.48	-95.01	0.01
	59	10.76	-0.02	-25.50	0.48	30.93	0.02
38	58	-10.75	-0.04	91.02	0.48	-95.01	0.01
	59	10.75	0.04	-25.50	-0.48	30.92	-0.05
39	58	-10.76	-0.01	91.04	0.00	-95.00	0.01
	59	10.76	0.01	-25.52	0.00	30.90	-0.02
40	58	-142.02	0.07	-15.82	-0.76	28.57	0.21
	59	142.02	-0.07	15.82	0.76	-11.17	-0.13
41	58	-142.61	0.07	-15.81	0.76	28.58	-0.17
	59	142.61	-0.07	15.81	-0.76	-11.18	0.24
42	58	-0.84	1.73	-0.06	-14.59	-0.16	0.50
	59	0.84	-1.73	0.06	14.59	0.23	1.40
43	58	-0.19	2.02	-0.08	-18.31	-0.20	0.97
	59	0.19	-2.02	0.08	18.31	0.28	1.24
44	58	-153.02	0.59	75.20	-5.14	-66.49	0.37
	59	153.02	-0.59	-9.68	5.14	19.80	0.28
45	58	-152.52	-0.45	75.24	3.62	-66.39	0.07
	59	152.52	0.45	-9.72	-3.62	19.66	-0.57
46	58	-152.83	0.67	75.20	-6.25	-66.50	0.51
	59	152.83	-0.67	-9.68	6.25	19.81	0.23
47	58	-152.71	-0.54	75.24	4.73	-66.38	-0.07
	59	152.71	0.54	-9.73	-4.73	19.65	-0.52
48	58	131.01	0.44	106.84	-3.62	-123.62	-0.05
	59	-131.01	-0.44	-41.32	3.62	42.13	0.53
49	58	131.51	-0.60	106.87	5.14	-123.52	-0.35
	59	-131.51	0.60	-41.35	-5.14	42.00	-0.31
50	58	131.20	0.53	106.83	-4.73	-123.63	0.10
	59	-131.20	-0.53	-41.31	4.73	42.15	0.48
51	58	131.32	-0.68	106.88	6.25	-123.51	-0.49
	59	-131.32	0.68	-41.36	-6.25	41.98	-0.26
52	58	-153.62	0.58	75.21	-3.62	-66.48	-0.01
	59	153.62	-0.58	-9.69	3.62	19.78	0.65
53	58	-153.12	-0.46	75.24	5.14	-66.38	-0.31
	59	153.12	0.46	-9.73	-5.14	19.65	-0.19
54	58	-153.43	0.67	75.20	-4.73	-66.49	0.13
	59	153.43	-0.67	-9.69	4.73	19.80	0.60
55	58	-153.31	-0.54	75.25	6.25	-66.37	-0.45
	59	153.31	0.54	-9.73	-6.25	19.63	-0.15
56	58	131.61	0.45	106.83	-5.14	-123.63	0.33
	59	-131.61	-0.45	-41.31	5.14	42.15	0.16
57	58	132.11	-0.60	106.87	3.62	-123.53	0.03
	59	-132.11	0.60	-41.35	-3.62	42.01	-0.68
58	58	131.80	0.53	106.82	-6.25	-123.64	0.47
	59	-131.80	-0.53	-41.31	6.25	42.17	0.11
59	58	131.91	-0.68	106.87	4.73	-123.52	-0.11
	59	-131.91	0.68	-41.35	-4.73	42.00	-0.63
60	58	-54.20	1.75	86.23	-14.82	-86.60	0.58
	59	54.20	-1.75	-20.71	14.82	27.78	1.35
61	58	31.01	1.71	95.72	-14.37	-103.74	0.45
	59	-31.01	-1.71	-30.20	14.37	34.48	1.42

	62	58	-54.38	1.75	86.23	-14.37	-86.59	0.46
		59	54.38	-1.75	-20.72	14.37	27.77	1.46
	63	58	31.19	1.71	95.72	-14.82	-103.74	0.57
		59	-31.19	-1.71	-30.20	14.82	34.48	1.31
	64	58	-52.52	-1.72	86.35	14.37	-86.27	-0.43
		59	52.52	1.72	-20.83	-14.37	27.32	-1.46
	65	58	32.69	-1.76	95.84	14.82	-103.41	-0.56
		59	-32.69	1.76	-30.32	-14.82	34.02	-1.38
	66	58	-52.70	-1.72	86.35	14.82	-86.27	-0.54
		59	52.70	1.72	-20.84	-14.82	27.32	-1.35
	67	58	32.87	-1.76	95.84	14.37	-103.41	-0.44
		59	-32.87	1.76	-30.32	-14.37	34.03	-1.49
	68	58	-53.55	2.03	86.21	-18.53	-86.63	1.05
		59	53.55	-2.03	-20.70	18.53	27.83	1.19
	69	58	31.66	1.99	95.71	-18.08	-103.77	0.92
		59	-31.66	-1.99	-30.19	18.08	34.53	1.26
	70	58	-53.73	2.03	86.22	-18.08	-86.63	0.93
		59	53.73	-2.03	-20.70	18.08	27.82	1.30
	71	58	31.84	1.99	95.70	-18.53	-103.77	1.03
		59	-31.84	-1.99	-30.19	18.53	34.53	1.15
	72	58	-53.17	-2.00	86.37	18.08	-86.24	-0.90
		59	53.17	2.00	-20.85	-18.08	27.27	-1.30
	73	58	32.04	-2.04	95.86	18.53	-103.38	-1.03
		59	-32.04	2.04	-30.34	-18.53	33.97	-1.22
	74	58	-53.35	-2.00	86.37	18.53	-86.24	-1.01
		59	53.35	2.00	-20.85	-18.53	27.26	-1.19
	75	58	32.22	-2.04	95.85	18.08	-103.38	-0.91
		59	-32.22	2.04	-30.34	-18.08	33.97	-1.33
81	1	59	-7.13	0.00	87.88	0.00	-32.14	0.01
		60	7.13	0.00	-63.68	0.00	-51.23	-0.02
	2	59	-3.63	0.00	45.66	0.00	1.24	0.00
		60	3.63	0.00	-4.34	0.00	-28.74	0.00
	3	59	-0.81	0.01	5.82	0.00	-0.01	0.00
		60	0.81	-0.01	-5.82	0.00	-6.39	0.01
	4	59	-1.24	0.01	10.47	0.00	-2.63	-0.01
		60	1.24	-0.01	-10.47	0.00	-8.89	0.02
	5	59	-6.68	0.01	-1.61	0.00	-1.83	-0.01
		60	6.68	-0.01	1.61	0.00	3.60	0.02
	6	59	6.83	-0.01	1.19	0.00	0.46	0.00
		60	-6.83	0.01	-1.19	0.00	-1.77	-0.01
	7	59	-0.04	0.15	-0.12	-2.38	-0.16	-0.17
		60	0.04	-0.15	0.12	2.38	0.30	0.33
	8	59	0.05	-0.15	-0.12	2.38	-0.11	0.17
		60	-0.05	0.15	0.12	-2.38	0.24	-0.33
	9	59	-22.14	0.02	188.74	0.00	-43.81	0.01
		60	22.14	-0.02	-103.57	0.00	-116.97	0.01
	10	59	-9.98	0.00	191.26	0.00	-41.75	0.02
		60	9.98	0.00	-106.09	0.00	-121.80	-0.01
	11	59	-16.17	0.15	190.08	-2.14	-42.30	-0.14

	60	16.17	-0.15	-104.91	2.14	-119.94	0.30
12	59	-16.08	-0.13	190.08	2.15	-42.26	0.16
	60	16.08	0.13	-104.91	-2.15	-119.99	-0.30
13	59	-21.85	0.02	187.86	0.00	-45.76	0.01
	60	21.85	-0.02	-102.69	0.00	-114.05	0.01
14	59	-9.69	0.00	190.39	0.00	-43.71	0.02
	60	9.69	0.00	-105.22	0.00	-118.87	-0.01
15	59	-15.87	0.15	189.20	-2.14	-44.26	-0.14
	60	15.87	-0.15	-104.03	2.14	-117.01	0.30
16	59	-15.79	-0.13	189.21	2.15	-44.22	0.16
	60	15.79	0.13	-104.04	-2.15	-117.07	-0.30
17	59	-24.94	0.01	179.04	0.00	-44.88	0.01
	60	24.94	-0.01	-93.87	0.00	-105.22	0.01
18	59	-4.67	-0.01	183.25	0.00	-41.46	0.02
	60	4.67	0.01	-98.08	0.00	-113.27	-0.03
19	59	-14.97	0.23	181.27	-3.57	-42.38	-0.23
	60	14.97	-0.23	-96.10	3.57	-110.17	0.49
20	59	-14.83	-0.23	181.28	3.58	-42.31	0.27
	60	14.83	0.23	-96.11	-3.58	-110.25	-0.52
21	59	-16.20	0.01	143.63	0.00	-33.32	0.01
	60	16.20	-0.01	-78.12	0.00	-88.64	0.01
22	59	-8.09	0.00	145.31	0.00	-31.95	0.01
	60	8.09	0.00	-79.80	0.00	-91.86	-0.01
23	59	-12.21	0.10	144.52	-1.43	-32.32	-0.09
	60	12.21	-0.10	-79.01	1.43	-90.62	0.20
24	59	-12.15	-0.09	144.53	1.43	-32.30	0.11
	60	12.15	0.09	-79.01	-1.43	-90.65	-0.21
25	59	-16.00	0.01	143.05	0.00	-34.63	0.01
	60	16.00	-0.01	-77.53	0.00	-86.69	0.01
26	59	-7.89	0.00	144.73	0.00	-33.26	0.01
	60	7.89	0.00	-79.21	0.00	-89.91	-0.01
27	59	-12.02	0.10	143.94	-1.43	-33.63	-0.09
	60	12.02	-0.10	-78.42	1.43	-88.67	0.20
28	59	-11.96	-0.09	143.94	1.43	-33.60	0.11
	60	11.96	0.09	-78.43	-1.43	-88.71	-0.21
29	59	-18.06	0.01	137.17	0.00	-34.04	0.01
	60	18.06	-0.01	-71.65	0.00	-80.81	0.00
30	59	-4.54	-0.01	139.97	0.00	-31.76	0.02
	60	4.54	0.01	-74.45	0.00	-86.17	-0.03
31	59	-11.42	0.15	138.65	-2.38	-32.38	-0.15
	60	11.42	-0.15	-73.14	2.38	-84.11	0.32
32	59	-11.32	-0.15	138.66	2.38	-32.33	0.18
	60	11.32	0.15	-73.15	-2.38	-84.16	-0.35
33	59	-10.76	-0.01	133.54	0.00	-30.90	0.02
	60	10.76	0.01	-68.02	0.00	-79.96	-0.02
34	59	-11.00	0.00	135.63	0.00	-31.42	0.02
	60	11.00	0.00	-70.12	0.00	-81.74	-0.02
35	59	-12.09	0.00	133.22	0.00	-31.26	0.02
	60	12.09	0.00	-67.70	0.00	-79.24	-0.02
36	59	-9.39	-0.01	133.78	0.00	-30.81	0.02

	60	9.39	0.01	-68.26	0.00	-80.32	-0.03
37	59	-10.76	0.02	133.52	-0.48	-30.93	-0.02
	60	10.76	-0.02	-68.00	0.48	-79.90	0.04
38	59	-10.75	-0.04	133.52	0.48	-30.92	0.05
	60	10.75	0.04	-68.00	-0.48	-79.91	-0.09
39	59	-10.76	-0.01	133.54	0.00	-30.90	0.02
	60	10.76	0.01	-68.02	0.00	-79.96	-0.02
40	59	-142.02	0.07	-19.30	-0.76	11.17	0.13
	60	142.02	-0.07	19.30	0.76	10.06	-0.05
41	59	-142.61	0.07	-19.29	0.76	11.18	-0.24
	60	142.61	-0.07	19.29	-0.76	10.04	0.32
42	59	-0.84	1.73	-0.05	-14.59	-0.23	-1.40
	60	0.84	-1.73	0.05	14.59	0.28	3.31
43	59	-0.19	2.02	-0.06	-18.31	-0.28	-1.24
	60	0.19	-2.02	0.06	18.31	0.34	3.46
44	59	-153.02	0.59	114.23	-5.14	-19.80	-0.28
	60	153.02	-0.59	-48.72	5.14	-69.82	0.92
45	59	-152.52	-0.45	114.26	3.62	-19.66	0.57
	60	152.52	0.45	-48.74	-3.62	-69.99	-1.06
46	59	-152.83	0.67	114.23	-6.25	-19.81	-0.23
	60	152.83	-0.67	-48.71	6.25	-69.80	0.97
47	59	-152.71	-0.54	114.26	4.73	-19.65	0.52
	60	152.71	0.54	-48.75	-4.73	-70.01	-1.11
48	59	131.01	0.44	152.82	-3.62	-42.13	-0.53
	60	-131.01	-0.44	-87.31	3.62	-89.94	1.02
49	59	131.51	-0.60	152.85	5.14	-42.00	0.31
	60	-131.51	0.60	-87.33	-5.14	-90.10	-0.97
50	59	131.20	0.53	152.82	-4.73	-42.15	-0.48
	60	-131.20	-0.53	-87.30	4.73	-89.92	1.06
51	59	131.32	-0.68	152.85	6.25	-41.98	0.26
	60	-131.32	0.68	-87.34	-6.25	-90.12	-1.01
52	59	-153.62	0.58	114.24	-3.62	-19.78	-0.65
	60	153.62	-0.58	-48.72	3.62	-69.84	1.29
53	59	-153.12	-0.46	114.26	5.14	-19.65	0.19
	60	153.12	0.46	-48.75	-5.14	-70.01	-0.70
54	59	-153.43	0.67	114.23	-4.73	-19.80	-0.60
	60	153.43	-0.67	-48.72	4.73	-69.82	1.34
55	59	-153.31	-0.54	114.27	6.25	-19.63	0.15
	60	153.31	0.54	-48.75	-6.25	-70.03	-0.74
56	59	131.61	0.45	152.82	-5.14	-42.15	-0.16
	60	-131.61	-0.45	-87.30	5.14	-89.91	0.65
57	59	132.11	-0.60	152.84	3.62	-42.01	0.68
	60	-132.11	0.60	-87.33	-3.62	-90.08	-1.34
58	59	131.80	0.53	152.81	-6.25	-42.17	-0.11
	60	-131.80	-0.53	-87.30	6.25	-89.89	0.69
59	59	131.91	-0.68	152.85	4.73	-42.00	0.63
	60	-131.91	0.68	-87.33	-4.73	-90.10	-1.38
60	59	-54.20	1.75	127.71	-14.82	-27.78	-1.35
	60	54.20	-1.75	-62.19	14.82	-76.67	3.27
61	59	31.01	1.71	139.28	-14.37	-34.48	-1.42

		60	-31.01	-1.71	-73.77	14.37	-82.70	3.30
62		59	-54.38	1.75	127.71	-14.37	-27.77	-1.46
		60	54.38	-1.75	-62.19	14.37	-76.67	3.38
63		59	31.19	1.71	139.28	-14.82	-34.48	-1.31
		60	-31.19	-1.71	-73.77	14.82	-82.70	3.19
64		59	-52.52	-1.72	127.80	14.37	-27.32	1.46
		60	52.52	1.72	-62.28	-14.37	-77.22	-3.35
65		59	32.69	-1.76	139.37	14.82	-34.02	1.38
		60	-32.69	1.76	-73.86	-14.82	-83.26	-3.32
66		59	-52.70	-1.72	127.80	14.82	-27.32	1.35
		60	52.70	1.72	-62.28	-14.82	-77.23	-3.24
67		59	32.87	-1.76	139.37	14.37	-34.03	1.49
		60	-32.87	1.76	-73.86	-14.37	-83.25	-3.43
68		59	-53.55	2.03	127.69	-18.53	-27.83	-1.19
		60	53.55	-2.03	-62.18	18.53	-76.60	3.42
69		59	31.66	1.99	139.27	-18.08	-34.53	-1.26
		60	-31.66	-1.99	-73.76	18.08	-82.64	3.45
70		59	-53.73	2.03	127.70	-18.08	-27.82	-1.30
		60	53.73	-2.03	-62.18	18.08	-76.61	3.53
71		59	31.84	1.99	139.27	-18.53	-34.53	-1.15
		60	-31.84	-1.99	-73.75	18.53	-82.63	3.34
72		59	-53.17	-2.00	127.81	18.08	-27.27	1.30
		60	53.17	2.00	-62.29	-18.08	-77.29	-3.50
73		59	32.04	-2.04	139.39	18.53	-33.97	1.22
		60	-32.04	2.04	-73.87	-18.53	-83.32	-3.47
74		59	-53.35	-2.00	127.81	18.53	-27.26	1.19
		60	53.35	2.00	-62.30	-18.53	-77.29	-3.39
75		59	32.22	-2.04	139.39	18.08	-33.97	1.33
		60	-32.22	2.04	-73.87	-18.08	-83.32	-3.58
82	1	60	-7.13	0.00	121.56	0.00	51.23	0.02
		7	7.13	0.00	-99.56	0.00	-161.79	-0.02
	2	60	-3.63	0.00	56.09	0.00	28.74	0.00
		7	3.63	0.00	-18.53	0.00	-66.05	-0.01
	3	60	-0.81	0.01	8.21	0.00	6.39	-0.01
		7	0.81	-0.01	-8.21	0.00	-14.61	0.01
	4	60	-1.24	0.01	14.97	0.00	8.89	-0.02
		7	1.24	-0.01	-14.97	0.00	-23.85	0.03
	5	60	-6.68	0.01	-1.79	0.00	-3.60	-0.02
		7	6.68	-0.01	1.79	0.00	5.38	0.03
	6	60	6.83	-0.01	1.33	0.00	1.77	0.01
		7	-6.83	0.01	-1.33	0.00	-3.10	-0.02
	7	60	-0.04	0.15	-0.16	-2.38	-0.30	-0.33
		7	0.04	-0.15	0.16	2.38	0.45	0.49
	8	60	0.05	-0.15	-0.15	2.38	-0.24	0.33
		7	-0.05	0.15	0.15	-2.38	0.39	-0.49
	9	60	-22.14	0.02	252.88	0.00	116.97	-0.01
		7	22.14	-0.02	-175.46	0.00	-331.14	0.03
	10	60	-9.98	0.00	255.69	0.00	121.80	0.01
		7	9.98	0.00	-178.26	0.00	-338.77	-0.01

11	60	-16.17	0.15	254.35	-2.14	119.94	-0.30
	7	16.17	-0.15	-176.92	2.14	-335.57	0.44
12	60	-16.08	-0.13	254.36	2.15	119.99	0.30
	7	16.08	0.13	-176.93	-2.15	-335.63	-0.43
13	60	-21.85	0.02	251.79	0.00	114.05	-0.01
	7	21.85	-0.02	-174.36	0.00	-327.12	0.03
14	60	-9.69	0.00	254.59	0.00	118.87	0.01
	7	9.69	0.00	-177.16	0.00	-334.75	-0.01
15	60	-15.87	0.15	253.25	-2.14	117.01	-0.30
	7	15.87	-0.15	-175.83	2.14	-331.55	0.44
16	60	-15.79	-0.13	253.26	2.15	117.07	0.30
	7	15.79	0.13	-175.83	-2.15	-331.61	-0.43
17	60	-24.94	0.01	239.49	0.00	105.22	-0.01
	7	24.94	-0.01	-162.06	0.00	-306.00	0.02
18	60	-4.67	-0.01	244.16	0.00	113.27	0.03
	7	4.67	0.01	-166.74	0.00	-318.72	-0.04
19	60	-14.97	0.23	241.94	-3.57	110.17	-0.49
	7	14.97	-0.23	-164.51	3.57	-313.39	0.71
20	60	-14.83	-0.23	241.95	3.58	110.25	0.52
	7	14.83	0.23	-164.52	-3.58	-313.49	-0.74
21	60	-16.20	0.01	192.28	0.00	88.64	-0.01
	7	16.20	-0.01	-132.72	0.00	-251.14	0.02
22	60	-8.09	0.00	194.15	0.00	91.86	0.01
	7	8.09	0.00	-134.59	0.00	-256.22	-0.01
23	60	-12.21	0.10	193.25	-1.43	90.62	-0.20
	7	12.21	-0.10	-133.69	1.43	-254.09	0.29
24	60	-12.15	-0.09	193.26	1.43	90.65	0.21
	7	12.15	0.09	-133.70	-1.43	-254.13	-0.29
25	60	-16.00	0.01	191.54	0.00	86.69	-0.01
	7	16.00	-0.01	-131.98	0.00	-248.46	0.02
26	60	-7.89	0.00	193.41	0.00	89.91	0.01
	7	7.89	0.00	-133.85	0.00	-253.55	-0.01
27	60	-12.02	0.10	192.52	-1.43	88.67	-0.20
	7	12.02	-0.10	-132.96	1.43	-251.41	0.29
28	60	-11.96	-0.09	192.53	1.43	88.71	0.21
	7	11.96	0.09	-132.97	-1.43	-251.45	-0.29
29	60	-18.06	0.01	183.35	0.00	80.81	0.00
	7	18.06	-0.01	-123.79	0.00	-234.38	0.01
30	60	-4.54	-0.01	186.46	0.00	86.17	0.03
	7	4.54	0.01	-126.90	0.00	-242.86	-0.03
31	60	-11.42	0.15	184.98	-2.38	84.11	-0.32
	7	11.42	-0.15	-125.42	2.38	-239.30	0.47
32	60	-11.32	-0.15	184.98	2.38	84.16	0.35
	7	11.32	0.15	-125.42	-2.38	-239.37	-0.50
33	60	-10.76	-0.01	177.65	0.00	79.96	0.02
	7	10.76	0.01	-118.09	0.00	-227.83	-0.03
34	60	-11.00	0.00	180.64	0.00	81.74	0.02
	7	11.00	0.00	-121.08	0.00	-232.60	-0.02
35	60	-12.09	0.00	177.29	0.00	79.24	0.02
	7	12.09	0.00	-117.73	0.00	-226.76	-0.02

36	60	-9.39	-0.01	177.92	0.00	80.32	0.03
	7	9.39	0.01	-118.36	0.00	-228.45	-0.03
37	60	-10.76	0.02	177.62	-0.48	79.90	-0.04
	7	10.76	-0.02	-118.06	0.48	-227.74	0.07
38	60	-10.75	-0.04	177.62	0.48	79.91	0.09
	7	10.75	0.04	-118.06	-0.48	-227.75	-0.13
39	60	-10.76	-0.01	177.65	0.00	79.96	0.02
	7	10.76	0.01	-118.09	0.00	-227.83	-0.03
40	60	-142.02	0.07	-21.92	-0.76	-10.06	0.05
	7	142.02	-0.07	21.92	0.76	31.97	0.02
41	60	-142.61	0.07	-21.91	0.76	-10.04	-0.32
	7	142.61	-0.07	21.91	-0.76	31.95	0.39
42	60	-0.84	1.73	-0.04	-14.59	-0.28	-3.31
	7	0.84	-1.73	0.04	14.59	0.31	5.04
43	60	-0.19	2.02	-0.05	-18.31	-0.34	-3.46
	7	0.19	-2.02	0.05	18.31	0.39	5.48
44	60	-153.02	0.59	155.72	-5.14	69.82	-0.92
	7	153.02	-0.59	-96.16	5.14	-195.76	1.51
45	60	-152.52	-0.45	155.74	3.62	69.99	1.06
	7	152.52	0.45	-96.18	-3.62	-195.95	-1.52
46	60	-152.83	0.67	155.72	-6.25	69.80	-0.97
	7	152.83	-0.67	-96.16	6.25	-195.74	1.64
47	60	-152.71	-0.54	155.75	4.73	70.01	1.11
	7	152.71	0.54	-96.19	-4.73	-195.97	-1.65
48	60	131.01	0.44	199.56	-3.62	89.94	-1.02
	7	-131.01	-0.44	-140.00	3.62	-259.71	1.46
49	60	131.51	-0.60	199.58	5.14	90.10	0.97
	7	-131.51	0.60	-140.02	-5.14	-259.90	-1.57
50	60	131.20	0.53	199.55	-4.73	89.92	-1.06
	7	-131.20	-0.53	-139.99	4.73	-259.69	1.59
51	60	131.32	-0.68	199.58	6.25	90.12	1.01
	7	-131.32	0.68	-140.02	-6.25	-259.92	-1.70
52	60	-153.62	0.58	155.73	-3.62	69.84	-1.29
	7	153.62	-0.58	-96.17	3.62	-195.79	1.87
53	60	-153.12	-0.46	155.75	5.14	70.01	0.70
	7	153.12	0.46	-96.19	-5.14	-195.98	-1.15
54	60	-153.43	0.67	155.72	-4.73	69.82	-1.34
	7	153.43	-0.67	-96.16	4.73	-195.77	2.00
55	60	-153.31	-0.54	155.75	6.25	70.03	0.74
	7	153.31	0.54	-96.19	-6.25	-196.00	-1.28
56	60	131.61	0.45	199.55	-5.14	89.91	-0.65
	7	-131.61	-0.45	-139.99	5.14	-259.69	1.09
57	60	132.11	-0.60	199.57	3.62	90.08	1.34
	7	-132.11	0.60	-140.01	-3.62	-259.87	-1.93
58	60	131.80	0.53	199.55	-6.25	89.89	-0.69
	7	-131.80	-0.53	-139.99	6.25	-259.66	1.22
59	60	131.91	-0.68	199.58	4.73	90.10	1.38
	7	-131.91	0.68	-140.02	-4.73	-259.90	-2.06
60	60	-54.20	1.75	171.04	-14.82	76.67	-3.27
	7	54.20	-1.75	-111.48	14.82	-217.93	5.02

61	60	31.01	1.71	184.19	-14.37	82.70	-3.30	
	7	-31.01	-1.71	-124.63	14.37	-237.11	5.01	
62	60	-54.38	1.75	171.04	-14.37	76.67	-3.38	
	7	54.38	-1.75	-111.48	14.37	-217.93	5.13	
63	60	31.19	1.71	184.19	-14.82	82.70	-3.19	
	7	-31.19	-1.71	-124.63	14.82	-237.10	4.90	
64	60	-52.52	-1.72	171.11	14.37	77.22	3.35	
	7	52.52	1.72	-111.55	-14.37	-218.55	-5.07	
65	60	32.69	-1.76	184.26	14.82	83.26	3.32	
	7	-32.69	1.76	-124.70	-14.82	-237.74	-5.08	
66	60	-52.70	-1.72	171.11	14.82	77.23	3.24	
	7	52.70	1.72	-111.55	-14.82	-218.56	-4.96	
67	60	32.87	-1.76	184.26	14.37	83.25	3.43	
	7	-32.87	1.76	-124.70	-14.37	-237.73	-5.19	
68	60	-53.55	2.03	171.03	-18.53	76.60	-3.42	
	7	53.55	-2.03	-111.47	18.53	-217.85	5.45	
69	60	31.66	1.99	184.18	-18.08	82.64	-3.45	
	7	-31.66	-1.99	-124.62	18.08	-237.04	5.44	
70	60	-53.73	2.03	171.03	-18.08	76.61	-3.53	
	7	53.73	-2.03	-111.47	18.08	-217.86	5.56	
71	60	31.84	1.99	184.18	-18.53	82.63	-3.34	
	7	-31.84	-1.99	-124.62	18.53	-237.03	5.33	
72	60	-53.17	-2.00	171.12	18.08	77.29	3.50	
	7	53.17	2.00	-111.56	-18.08	-218.63	-5.50	
73	60	32.04	-2.04	184.27	18.53	83.32	3.47	
	7	-32.04	2.04	-124.71	-18.53	-237.81	-5.51	
74	60	-53.35	-2.00	171.12	18.53	77.29	3.39	
	7	53.35	2.00	-111.56	-18.53	-218.64	-5.39	
75	60	32.22	-2.04	184.27	18.08	83.32	3.58	
	7	-32.22	2.04	-124.71	-18.08	-237.81	-5.62	
83	1	7	-0.16	0.00	-94.44	0.00	175.47	-0.01
		61	0.16	0.00	116.44	0.00	-70.03	0.01
2	7	-2.06	0.00	-18.47	0.00	67.76	-0.01	
		61	2.06	0.00	56.03	0.00	-30.51	0.01
3	7	-0.23	0.00	-8.13	0.00	15.59	-0.01	
		61	0.23	0.00	8.13	0.00	-7.46	0.01
4	7	-0.09	0.00	-14.61	0.00	26.16	-0.02	
		61	0.09	0.00	14.61	0.00	-11.55	0.02
5	7	-5.00	0.00	-0.18	0.00	0.61	0.00	
		61	5.00	0.00	0.18	0.00	-0.43	0.00
6	7	5.16	0.00	0.81	0.00	-2.72	0.00	
		61	-5.16	0.00	-0.81	0.00	1.91	0.00
7	7	-0.03	-0.12	0.14	-0.39	-0.36	-0.40	
		61	0.03	0.12	-0.14	0.39	0.22	0.28
8	7	0.07	0.12	0.13	0.39	-0.31	0.40	
		61	-0.07	-0.12	-0.13	-0.39	0.18	-0.28
9	7	-7.80	-0.01	-170.11	0.00	359.75	-0.06	
		61	7.80	0.01	247.53	0.00	-150.93	0.05
10	7	1.34	-0.01	-169.22	0.00	356.76	-0.06	

	61	-1.34	0.01	246.64	0.00	-148.83	0.05
11	7	-3.33	-0.12	-169.82	-0.35	358.88	-0.42
	61	3.33	0.12	247.25	0.35	-150.35	0.30
12	7	-3.24	0.09	-169.83	0.35	358.92	0.30
	61	3.24	-0.09	247.25	-0.35	-150.38	-0.21
13	7	-7.52	-0.01	-168.87	0.00	356.00	-0.06
	61	7.52	0.01	246.30	0.00	-148.41	0.05
14	7	1.62	-0.01	-167.98	0.00	353.00	-0.06
	61	-1.62	0.01	245.41	0.00	-146.31	0.05
15	7	-3.05	-0.12	-168.58	-0.35	355.12	-0.42
	61	3.05	0.12	246.01	0.35	-147.83	0.30
16	7	-2.96	0.10	-168.59	0.35	355.17	0.30
	61	2.96	-0.10	246.02	-0.35	-147.86	-0.21
17	7	-10.45	0.00	-158.02	0.00	336.74	-0.04
	61	10.45	0.00	235.45	0.00	-140.01	0.04
18	7	4.78	-0.01	-156.54	0.00	331.75	-0.05
	61	-4.78	0.01	233.96	0.00	-136.50	0.04
19	7	-3.00	-0.18	-157.54	-0.58	335.28	-0.64
	61	3.00	0.18	234.97	0.58	-139.03	0.46
20	7	-2.85	0.17	-157.55	0.58	335.35	0.56
	61	2.85	-0.17	234.98	-0.58	-139.09	-0.39
21	7	-5.50	-0.01	-128.46	0.00	272.27	-0.04
	61	5.50	0.01	188.02	0.00	-114.03	0.04
22	7	0.60	-0.01	-127.87	0.00	270.27	-0.04
	61	-0.60	0.01	187.43	0.00	-112.62	0.03
23	7	-2.51	-0.08	-128.27	-0.23	271.68	-0.28
	61	2.51	0.08	187.83	0.23	-113.64	0.20
24	7	-2.46	0.06	-128.27	0.23	271.71	0.20
	61	2.46	-0.06	187.83	-0.23	-113.66	-0.14
25	7	-5.31	-0.01	-127.63	0.00	269.76	-0.04
	61	5.31	0.01	187.19	0.00	-112.35	0.04
26	7	0.79	-0.01	-127.04	0.00	267.77	-0.04
	61	-0.79	0.01	186.60	0.00	-110.95	0.03
27	7	-2.33	-0.08	-127.44	-0.23	269.18	-0.28
	61	2.33	0.08	187.00	0.23	-111.96	0.20
28	7	-2.27	0.06	-127.45	0.23	269.21	0.20
	61	2.27	-0.06	187.01	-0.23	-111.98	-0.14
29	7	-7.26	0.00	-120.40	0.00	256.92	-0.03
	61	7.26	0.00	179.96	0.00	-106.74	0.03
30	7	2.89	-0.01	-119.41	0.00	253.60	-0.04
	61	-2.89	0.01	178.97	0.00	-104.41	0.03
31	7	-2.29	-0.12	-120.08	-0.39	255.95	-0.43
	61	2.29	0.12	179.64	0.39	-106.09	0.31
32	7	-2.20	0.11	-120.09	0.39	256.00	0.37
	61	2.20	-0.11	179.65	-0.39	-106.13	-0.26
33	7	-2.22	0.00	-112.91	0.00	243.23	-0.02
	61	2.22	0.00	172.47	0.00	-100.54	0.02
34	7	-2.24	0.00	-115.83	0.00	248.46	-0.03
	61	2.24	0.00	175.39	0.00	-102.85	0.02
35	7	-3.22	0.00	-112.95	0.00	243.35	-0.02

	61	3.22	0.00	172.51	0.00	-100.62	0.02
36	7	-1.19	0.00	-112.75	0.00	242.69	-0.02
	61	1.19	0.00	172.31	0.00	-100.16	0.02
37	7	-2.23	-0.03	-112.88	-0.08	243.16	-0.10
	61	2.23	0.03	172.44	0.08	-100.49	0.08
38	7	-2.21	0.02	-112.89	0.08	243.17	0.06
	61	2.21	-0.02	172.45	-0.08	-100.50	-0.04
39	7	-2.22	0.00	-112.91	0.00	243.23	-0.02
	61	2.22	0.00	172.47	0.00	-100.54	0.02
40	7	-105.96	-0.33	-22.27	0.40	89.95	-1.19
	61	105.96	0.33	22.27	-0.40	-67.68	0.86
41	7	-106.47	0.52	-22.27	-0.40	89.97	1.59
	61	106.47	-0.52	22.27	0.40	-67.70	-1.08
42	7	-1.11	-0.40	0.04	-3.25	-0.24	-2.30
	61	1.11	0.40	-0.04	3.25	0.20	1.90
43	7	-0.60	-0.70	0.04	-6.33	-0.28	-3.43
	61	0.60	0.70	-0.04	6.33	0.24	2.73
44	7	-108.51	-0.46	-135.17	-0.57	333.11	-1.90
	61	108.51	0.46	194.73	0.57	-168.16	1.45
45	7	-107.85	-0.22	-135.19	1.38	333.26	-0.52
	61	107.85	0.22	194.75	-1.38	-168.28	0.31
46	7	-108.36	-0.55	-135.17	-1.50	333.10	-2.24
	61	108.36	0.55	194.73	1.50	-168.15	1.70
47	7	-108.00	-0.13	-135.19	2.30	333.27	-0.18
	61	108.00	0.13	194.75	-2.30	-168.29	0.06
48	7	103.41	0.21	-90.63	-1.38	153.21	0.48
	61	-103.41	-0.21	150.19	1.38	-32.79	-0.27
49	7	104.07	0.45	-90.66	0.57	153.35	1.86
	61	-104.07	-0.45	150.22	-0.57	-32.91	-1.41
50	7	103.56	0.12	-90.63	-2.30	153.19	0.14
	61	-103.56	-0.12	150.19	2.30	-32.78	-0.02
51	7	103.92	0.54	-90.66	1.50	153.36	2.20
	61	-103.92	-0.54	150.22	-1.50	-32.92	-1.66
52	7	-109.03	0.39	-135.17	-1.38	333.13	0.88
	61	109.03	-0.39	194.73	1.38	-168.18	-0.49
53	7	-108.36	0.63	-135.19	0.57	333.27	2.26
	61	108.36	-0.63	194.75	-0.57	-168.30	-1.63
54	7	-108.87	0.30	-135.17	-2.30	333.11	0.54
	61	108.87	-0.30	194.73	2.30	-168.16	-0.24
55	7	-108.51	0.72	-135.20	1.50	333.28	2.60
	61	108.51	-0.72	194.76	-1.50	-168.31	-1.88
56	7	103.92	-0.64	-90.63	-0.57	153.19	-2.31
	61	-103.92	0.64	150.19	0.57	-32.78	1.67
57	7	104.59	-0.40	-90.65	1.38	153.34	-0.93
	61	-104.59	0.40	150.21	-1.38	-32.90	0.53
58	7	104.08	-0.73	-90.63	-1.50	153.18	-2.65
	61	-104.08	0.73	150.19	1.50	-32.77	1.92
59	7	104.43	-0.31	-90.66	2.30	153.35	-0.59
	61	-104.43	0.31	150.22	-2.30	-32.91	0.28
60	7	-35.12	-0.51	-119.55	-3.13	269.98	-2.68

		61	35.12	0.51	179.11	3.13	-120.64	2.18
61		7	28.46	-0.31	-106.19	-3.37	216.00	-1.97
		61	-28.46	0.31	165.75	3.37	-80.03	1.66
62		7	-35.27	-0.25	-119.55	-3.37	269.98	-1.85
		61	35.27	0.25	179.11	3.37	-120.65	1.60
63		7	28.62	-0.56	-106.19	-3.13	216.00	-2.80
		61	-28.62	0.56	165.75	3.13	-80.03	2.24
64		7	-32.90	0.30	-119.63	3.37	270.46	1.92
		61	32.90	-0.30	179.19	-3.37	-121.04	-1.62
65		7	30.68	0.50	-106.27	3.13	216.49	2.64
		61	-30.68	-0.50	165.83	-3.13	-80.43	-2.14
66		7	-33.05	0.55	-119.63	3.13	270.46	2.76
		61	33.05	-0.55	179.19	-3.13	-121.05	-2.20
67		7	30.83	0.24	-106.27	3.37	216.48	1.80
		61	-30.83	-0.24	165.83	-3.37	-80.43	-1.56
68		7	-34.60	-0.81	-119.55	-6.21	269.94	-3.81
		61	34.60	0.81	179.11	6.21	-120.61	3.01
69		7	28.97	-0.61	-106.19	-6.45	215.96	-3.10
		61	-28.97	0.61	165.75	6.45	-80.00	2.49
70		7	-34.76	-0.55	-119.55	-6.45	269.94	-2.98
		61	34.76	0.55	179.11	6.45	-120.61	2.43
71		7	29.13	-0.86	-106.19	-6.21	215.96	-3.93
		61	-29.13	0.86	165.75	6.21	-79.99	3.07
72		7	-33.41	0.60	-119.64	6.45	270.50	3.05
		61	33.41	-0.60	179.20	-6.45	-121.08	-2.45
73		7	30.17	0.80	-106.28	6.21	216.53	3.77
		61	-30.17	-0.80	165.84	-6.21	-80.47	-2.97
74		7	-33.57	0.85	-119.64	6.21	270.50	3.89
		61	33.57	-0.85	179.20	-6.21	-121.08	-3.04
75		7	30.32	0.54	-106.28	6.45	216.52	2.93
		61	-30.32	-0.54	165.84	-6.45	-80.47	-2.39
84	1	61	-0.16	0.00	-58.04	0.00	70.03	-0.01
		62	0.16	0.00	82.24	0.00	7.12	0.01
	2	61	-2.06	0.00	-3.62	0.00	30.51	-0.01
		62	2.06	0.00	44.94	0.00	-3.80	0.01
	3	61	-0.23	0.00	-5.63	0.00	7.46	-0.01
		62	0.23	0.00	5.63	0.00	-1.26	0.01
	4	61	-0.09	0.00	-10.02	0.00	11.55	-0.02
		62	0.09	0.00	10.02	0.00	-0.53	0.01
	5	61	-5.00	0.00	-0.33	0.00	0.43	0.00
		62	5.00	0.00	0.33	0.00	-0.06	0.00
	6	61	5.16	0.00	0.89	0.00	-1.91	0.00
		62	-5.16	0.00	-0.89	0.00	0.93	0.00
	7	61	-0.03	-0.12	0.10	-0.39	-0.22	-0.28
		62	0.03	0.12	-0.10	0.39	0.11	0.15
	8	61	0.07	0.12	0.09	0.39	-0.18	0.28
		62	-0.07	-0.12	-0.09	-0.39	0.08	-0.15
	9	61	-7.80	-0.01	-96.42	0.00	150.93	-0.05
		62	7.80	0.01	181.59	0.00	1.97	0.04

10	61	1.34	-0.01	-95.32	0.00	148.83	-0.05
	62	-1.34	0.01	180.49	0.00	2.87	0.03
11	61	-3.33	-0.12	-96.03	-0.35	150.35	-0.30
	62	3.33	0.12	181.20	0.35	2.13	0.17
12	61	-3.24	0.09	-96.04	0.35	150.38	0.21
	62	3.24	-0.09	181.21	-0.35	2.10	-0.10
13	61	-7.52	-0.01	-95.48	0.00	148.41	-0.05
	62	7.52	0.01	180.65	0.00	3.46	0.04
14	61	1.62	-0.01	-94.39	0.00	146.31	-0.05
	62	-1.62	0.01	179.56	0.00	4.36	0.03
15	61	-3.05	-0.12	-95.09	-0.35	147.83	-0.30
	62	3.05	0.12	180.27	0.35	3.62	0.17
16	61	-2.96	0.10	-95.10	0.35	147.86	0.21
	62	2.96	-0.10	180.27	-0.35	3.59	-0.10
17	61	-10.45	0.00	-88.17	0.00	140.01	-0.04
	62	10.45	0.00	173.34	0.00	3.82	0.03
18	61	4.78	-0.01	-86.34	0.00	136.50	-0.04
	62	-4.78	0.01	171.51	0.00	5.32	0.02
19	61	-3.00	-0.18	-87.52	-0.58	139.03	-0.46
	62	3.00	0.18	172.69	0.58	4.09	0.26
20	61	-2.85	0.17	-87.53	0.58	139.09	0.39
	62	2.85	-0.17	172.71	-0.58	4.04	-0.20
21	61	-5.50	-0.01	-72.50	0.00	114.03	-0.04
	62	5.50	0.01	138.01	0.00	1.76	0.03
22	61	0.60	-0.01	-71.77	0.00	112.62	-0.03
	62	-0.60	0.01	137.29	0.00	2.35	0.02
23	61	-2.51	-0.08	-72.24	-0.23	113.64	-0.20
	62	2.51	0.08	137.76	0.23	1.86	0.12
24	61	-2.46	0.06	-72.25	0.23	113.66	0.14
	62	2.46	-0.06	137.76	-0.23	1.85	-0.07
25	61	-5.31	-0.01	-71.88	0.00	112.35	-0.04
	62	5.31	0.01	137.39	0.00	2.75	0.03
26	61	0.79	-0.01	-71.15	0.00	110.95	-0.03
	62	-0.79	0.01	136.66	0.00	3.35	0.02
27	61	-2.33	-0.08	-71.62	-0.23	111.96	-0.20
	62	2.33	0.08	137.13	0.23	2.86	0.12
28	61	-2.27	0.06	-71.62	0.23	111.98	0.14
	62	2.27	-0.06	137.14	-0.23	2.84	-0.07
29	61	-7.26	0.00	-67.00	0.00	106.74	-0.03
	62	7.26	0.00	132.51	0.00	2.99	0.02
30	61	2.89	-0.01	-65.78	0.00	104.41	-0.03
	62	-2.89	0.01	131.30	0.00	3.99	0.02
31	61	-2.29	-0.12	-66.57	-0.39	106.09	-0.31
	62	2.29	0.12	132.08	0.39	3.17	0.17
32	61	-2.20	0.11	-66.58	0.39	106.13	0.26
	62	2.20	-0.11	132.09	-0.39	3.14	-0.13
33	61	-2.22	0.00	-61.66	0.00	100.54	-0.02
	62	2.22	0.00	127.17	0.00	3.32	0.01
34	61	-2.24	0.00	-63.66	0.00	102.85	-0.02
	62	2.24	0.00	129.18	0.00	3.21	0.02

35	61	-3.22	0.00	-61.72	0.00	100.62	-0.02
	62	3.22	0.00	127.24	0.00	3.31	0.02
36	61	-1.19	0.00	-61.48	0.00	100.16	-0.02
	62	1.19	0.00	127.00	0.00	3.51	0.01
37	61	-2.23	-0.03	-61.64	-0.08	100.49	-0.08
	62	2.23	0.03	127.15	0.08	3.34	0.04
38	61	-2.21	0.02	-61.64	0.08	100.50	0.04
	62	2.21	-0.02	127.16	-0.08	3.34	-0.02
39	61	-2.22	0.00	-61.66	0.00	100.54	-0.02
	62	2.22	0.00	127.17	0.00	3.32	0.01
40	61	-105.96	-0.33	-23.37	0.40	67.68	-0.86
	62	105.96	0.33	23.37	-0.40	-41.98	0.49
41	61	-106.47	0.52	-23.37	-0.40	67.70	1.08
	62	106.47	-0.52	23.37	0.40	-41.99	-0.51
42	61	-1.11	-0.40	0.04	-3.25	-0.20	-1.90
	62	1.11	0.40	-0.04	3.25	0.15	1.46
43	61	-0.60	-0.70	0.05	-6.33	-0.24	-2.73
	62	0.60	0.70	-0.05	6.33	0.18	1.96
44	61	-108.51	-0.46	-85.02	-0.57	168.16	-1.45
	62	108.51	0.46	150.53	0.57	-38.61	0.94
45	61	-107.85	-0.22	-85.04	1.38	168.28	-0.31
	62	107.85	0.22	150.56	-1.38	-38.70	0.07
46	61	-108.36	-0.55	-85.02	-1.50	168.15	-1.70
	62	108.36	0.55	150.53	1.50	-38.60	1.09
47	61	-108.00	-0.13	-85.04	2.30	168.29	-0.06
	62	108.00	0.13	150.56	-2.30	-38.71	-0.08
48	61	103.41	0.21	-38.27	-1.38	32.79	0.27
	62	-103.41	-0.21	103.79	1.38	45.34	-0.04
49	61	104.07	0.45	-38.30	0.57	32.91	1.41
	62	-104.07	-0.45	103.82	-0.57	45.25	-0.91
50	61	103.56	0.12	-38.27	-2.30	32.78	0.02
	62	-103.56	-0.12	103.79	2.30	45.35	0.11
51	61	103.92	0.54	-38.30	1.50	32.92	1.66
	62	-103.92	-0.54	103.82	-1.50	45.24	-1.06
52	61	-109.03	0.39	-85.02	-1.38	168.18	0.49
	62	109.03	-0.39	150.53	1.38	-38.62	-0.06
53	61	-108.36	0.63	-85.04	0.57	168.30	1.63
	62	108.36	-0.63	150.56	-0.57	-38.71	-0.93
54	61	-108.87	0.30	-85.02	-2.30	168.16	0.24
	62	108.87	-0.30	150.53	2.30	-38.61	0.09
55	61	-108.51	0.72	-85.05	1.50	168.31	1.88
	62	108.51	-0.72	150.56	-1.50	-38.72	-1.08
56	61	103.92	-0.64	-38.27	-0.57	32.78	-1.67
	62	-103.92	0.64	103.79	0.57	45.35	0.96
57	61	104.59	-0.40	-38.30	1.38	32.90	-0.53
	62	-104.59	0.40	103.82	-1.38	45.26	0.09
58	61	104.08	-0.73	-38.27	-1.50	32.77	-1.92
	62	-104.08	0.73	103.79	1.50	45.36	1.11
59	61	104.43	-0.31	-38.30	2.30	32.91	-0.28
	62	-104.43	0.31	103.82	-2.30	45.25	-0.06

	60	61	-35.12	-0.51	-68.63	-3.13	120.64	-2.18
		62	35.12	0.51	134.14	3.13	-9.12	1.62
	61	61	28.46	-0.31	-54.60	-3.37	80.03	-1.66
		62	-28.46	0.31	120.12	3.37	16.07	1.33
	62	61	-35.27	-0.25	-68.63	-3.37	120.65	-1.60
		62	35.27	0.25	134.14	3.37	-9.12	1.32
	63	61	28.62	-0.56	-54.60	-3.13	80.03	-2.24
		62	-28.62	0.56	120.12	3.13	16.07	1.63
	64	61	-32.90	0.30	-68.71	3.37	121.04	1.62
		62	32.90	-0.30	134.23	-3.37	-9.43	-1.30
	65	61	30.68	0.50	-54.69	3.13	80.43	2.14
		62	-30.68	-0.50	120.21	-3.13	15.76	-1.59
	66	61	-33.05	0.55	-68.71	3.13	121.05	2.20
		62	33.05	-0.55	134.23	-3.13	-9.43	-1.60
	67	61	30.83	0.24	-54.69	3.37	80.43	1.56
		62	-30.83	-0.24	120.21	-3.37	15.76	-1.29
	68	61	-34.60	-0.81	-68.62	-6.21	120.61	-3.01
		62	34.60	0.81	134.14	6.21	-9.09	2.12
	69	61	28.97	-0.61	-54.60	-6.45	80.00	-2.49
		62	-28.97	0.61	120.12	6.45	16.10	1.83
	70	61	-34.76	-0.55	-68.62	-6.45	120.61	-2.43
		62	34.76	0.55	134.14	6.45	-9.09	1.82
	71	61	29.13	-0.86	-54.60	-6.21	79.99	-3.07
		62	-29.13	0.86	120.11	6.21	16.10	2.13
	72	61	-33.41	0.60	-68.72	6.45	121.08	2.45
		62	33.41	-0.60	134.23	-6.45	-9.46	-1.80
	73	61	30.17	0.80	-54.70	6.21	80.47	2.97
		62	-30.17	-0.80	120.21	-6.21	15.73	-2.09
	74	61	-33.57	0.85	-68.72	6.21	121.08	3.04
		62	33.57	-0.85	134.23	-6.21	-9.46	-2.10
	75	61	30.32	0.54	-54.69	6.45	80.47	2.39
		62	-30.32	-0.54	120.21	-6.45	15.73	-1.79
85	1	62	-0.16	0.00	-24.27	0.00	-7.12	-0.01
		63	0.16	0.00	48.47	0.00	47.13	0.01
	2	62	-2.06	0.00	7.50	0.00	3.80	-0.01
		63	2.06	0.00	33.82	0.00	10.67	0.00
	3	62	-0.23	0.00	-3.15	0.00	1.26	-0.01
		63	0.23	0.00	3.15	0.00	2.20	0.00
	4	62	-0.09	0.00	-5.48	0.00	0.53	-0.01
		63	0.09	0.00	5.48	0.00	5.50	0.01
	5	62	-5.00	0.00	-0.46	0.00	0.06	0.00
		63	5.00	0.00	0.46	0.00	0.44	0.01
	6	62	5.16	0.00	0.94	0.00	-0.93	0.00
		63	-5.16	0.00	-0.94	0.00	-0.10	-0.01
	7	62	-0.03	-0.12	0.06	-0.39	-0.11	-0.15
		63	0.03	0.12	-0.06	0.39	0.05	0.03
	8	62	0.07	0.12	0.05	0.39	-0.08	0.15
		63	-0.07	-0.12	-0.05	-0.39	0.03	-0.03
	9	62	-7.80	-0.01	-31.05	0.00	-1.97	-0.04

	63	7.80	0.01	116.22	0.00	82.97	0.03
10	62	1.34	-0.01	-29.79	0.00	-2.87	-0.03
	63	-1.34	0.01	114.96	0.00	82.48	0.02
11	62	-3.33	-0.12	-30.58	-0.35	-2.13	-0.17
	63	3.33	0.12	115.75	0.35	82.61	0.05
12	62	-3.24	0.09	-30.59	0.35	-2.10	0.10
	63	3.24	-0.09	115.76	-0.35	82.60	0.00
13	62	-7.52	-0.01	-30.43	0.00	-3.46	-0.04
	63	7.52	0.01	115.61	0.00	83.78	0.03
14	62	1.62	-0.01	-29.17	0.00	-4.36	-0.03
	63	-1.62	0.01	114.34	0.00	83.29	0.02
15	62	-3.05	-0.12	-29.97	-0.35	-3.62	-0.17
	63	3.05	0.12	115.14	0.35	83.43	0.05
16	62	-2.96	0.10	-29.98	0.35	-3.59	0.10
	63	2.96	-0.10	115.15	-0.35	83.41	0.00
17	62	-10.45	0.00	-26.60	0.00	-3.82	-0.03
	63	10.45	0.00	111.77	0.00	79.92	0.03
18	62	4.78	-0.01	-24.50	0.00	-5.32	-0.02
	63	-4.78	0.01	109.67	0.00	79.11	0.01
19	62	-3.00	-0.18	-25.82	-0.58	-4.09	-0.26
	63	3.00	0.18	110.99	0.58	79.34	0.06
20	62	-2.85	0.17	-25.84	0.58	-4.04	0.20
	63	2.85	-0.17	111.01	-0.58	79.31	-0.02
21	62	-5.50	-0.01	-22.93	0.00	-1.76	-0.03
	63	5.50	0.01	88.45	0.00	63.02	0.02
22	62	0.60	-0.01	-22.09	0.00	-2.35	-0.02
	63	-0.60	0.01	87.61	0.00	62.69	0.01
23	62	-2.51	-0.08	-22.62	-0.23	-1.86	-0.12
	63	2.51	0.08	88.14	0.23	62.78	0.03
24	62	-2.46	0.06	-22.63	0.23	-1.85	0.07
	63	2.46	-0.06	88.15	-0.23	62.77	0.00
25	62	-5.31	-0.01	-22.53	0.00	-2.75	-0.03
	63	5.31	0.01	88.04	0.00	63.56	0.02
26	62	0.79	-0.01	-21.68	0.00	-3.35	-0.02
	63	-0.79	0.01	87.20	0.00	63.24	0.01
27	62	-2.33	-0.08	-22.22	-0.23	-2.86	-0.12
	63	2.33	0.08	87.73	0.23	63.33	0.03
28	62	-2.27	0.06	-22.22	0.23	-2.84	0.07
	63	2.27	-0.06	87.74	-0.23	63.32	0.00
29	62	-7.26	0.00	-19.97	0.00	-2.99	-0.02
	63	7.26	0.00	85.48	0.00	60.99	0.02
30	62	2.89	-0.01	-18.57	0.00	-3.99	-0.02
	63	-2.89	0.01	84.08	0.00	60.44	0.01
31	62	-2.29	-0.12	-19.45	-0.39	-3.17	-0.17
	63	2.29	0.12	84.97	0.39	60.60	0.04
32	62	-2.20	0.11	-19.46	0.39	-3.14	0.13
	63	2.20	-0.11	84.98	-0.39	60.58	-0.01
33	62	-2.22	0.00	-16.77	0.00	-3.32	-0.01
	63	2.22	0.00	82.29	0.00	57.80	0.01
34	62	-2.24	0.00	-17.87	0.00	-3.21	-0.02

	63	2.24	0.00	83.38	0.00	58.90	0.01
35	62	-3.22	0.00	-16.86	0.00	-3.31	-0.02
	63	3.22	0.00	82.38	0.00	57.89	0.01
36	62	-1.19	0.00	-16.58	0.00	-3.51	-0.01
	63	1.19	0.00	82.10	0.00	57.78	0.01
37	62	-2.23	-0.03	-16.76	-0.08	-3.34	-0.04
	63	2.23	0.03	82.27	0.08	57.81	0.01
38	62	-2.21	0.02	-16.76	0.08	-3.34	0.02
	63	2.21	-0.02	82.28	-0.08	57.81	0.00
39	62	-2.22	0.00	-16.77	0.00	-3.32	-0.01
	63	2.22	0.00	82.29	0.00	57.80	0.01
40	62	-105.96	-0.33	-24.06	0.40	41.98	-0.49
	63	105.96	0.33	24.06	-0.40	-15.51	0.12
41	62	-106.47	0.52	-24.06	-0.40	41.99	0.51
	63	106.47	-0.52	24.06	0.40	-15.52	0.06
42	62	-1.11	-0.40	0.04	-3.25	-0.15	-1.46
	63	1.11	0.40	-0.04	3.25	0.10	1.02
43	62	-0.60	-0.70	0.05	-6.33	-0.18	-1.96
	63	0.60	0.70	-0.05	6.33	0.13	1.19
44	62	-108.51	-0.46	-40.82	-0.57	38.61	-0.94
	63	108.51	0.46	106.33	0.57	42.32	0.44
45	62	-107.85	-0.22	-40.84	1.38	38.70	-0.07
	63	107.85	0.22	106.36	-1.38	42.26	-0.17
46	62	-108.36	-0.55	-40.82	-1.50	38.60	-1.09
	63	108.36	0.55	106.33	1.50	42.33	0.49
47	62	-108.00	-0.13	-40.85	2.30	38.71	0.08
	63	108.00	0.13	106.36	-2.30	42.25	-0.22
48	62	103.41	0.21	7.31	-1.38	-45.34	0.04
	63	-103.41	-0.21	58.21	1.38	73.34	0.19
49	62	104.07	0.45	7.28	0.57	-45.25	0.91
	63	-104.07	-0.45	58.24	-0.57	73.28	-0.42
50	62	103.56	0.12	7.31	-2.30	-45.35	-0.11
	63	-103.56	-0.12	58.21	2.30	73.35	0.24
51	62	103.92	0.54	7.28	1.50	-45.24	1.06
	63	-103.92	-0.54	58.24	-1.50	73.27	-0.47
52	62	-109.03	0.39	-40.82	-1.38	38.62	0.06
	63	109.03	-0.39	106.33	1.38	42.31	0.37
53	62	-108.36	0.63	-40.85	0.57	38.71	0.93
	63	108.36	-0.63	106.36	-0.57	42.25	-0.24
54	62	-108.87	0.30	-40.82	-2.30	38.61	-0.09
	63	108.87	-0.30	106.33	2.30	42.32	0.42
55	62	-108.51	0.72	-40.85	1.50	38.72	1.08
	63	108.51	-0.72	106.36	-1.50	42.24	-0.29
56	62	103.92	-0.64	7.31	-0.57	-45.35	-0.96
	63	-103.92	0.64	58.21	0.57	73.35	0.26
57	62	104.59	-0.40	7.28	1.38	-45.26	-0.09
	63	-104.59	0.40	58.24	-1.38	73.29	-0.35
58	62	104.08	-0.73	7.31	-1.50	-45.36	-1.11
	63	-104.08	0.73	58.21	1.50	73.36	0.31
59	62	104.43	-0.31	7.28	2.30	-45.25	0.06

		63	-104.43	0.31	58.24	-2.30	73.28	-0.40
60		62	-35.12	-0.51	-23.94	-3.13	9.12	-1.62
		63	35.12	0.51	89.46	3.13	53.25	1.06
61		62	28.46	-0.31	-9.51	-3.37	-16.07	-1.33
		63	-28.46	0.31	75.02	3.37	62.56	0.99
62		62	-35.27	-0.25	-23.94	-3.37	9.12	-1.32
		63	35.27	0.25	89.46	3.37	53.25	1.04
63		62	28.62	-0.56	-9.51	-3.13	-16.07	-1.63
		63	-28.62	0.56	75.02	3.13	62.56	1.01
64		62	-32.90	0.30	-24.03	3.37	9.43	1.30
		63	32.90	-0.30	89.55	-3.37	53.04	-0.97
65		62	30.68	0.50	-9.60	3.13	-15.76	1.59
		63	-30.68	-0.50	75.11	-3.13	62.35	-1.05
66		62	-33.05	0.55	-24.03	3.13	9.43	1.60
		63	33.05	-0.55	89.55	-3.13	53.04	-0.99
67		62	30.83	0.24	-9.59	3.37	-15.76	1.29
		63	-30.83	-0.24	75.11	-3.37	62.35	-1.03
68		62	-34.60	-0.81	-23.94	-6.21	9.09	-2.12
		63	34.60	0.81	89.45	6.21	53.28	1.23
69		62	28.97	-0.61	-9.50	-6.45	-16.10	-1.83
		63	-28.97	0.61	75.02	6.45	62.58	1.16
70		62	-34.76	-0.55	-23.94	-6.45	9.09	-1.82
		63	34.76	0.55	89.46	6.45	53.27	1.21
71		62	29.13	-0.86	-9.50	-6.21	-16.10	-2.13
		63	-29.13	0.86	75.02	6.21	62.58	1.18
72		62	-33.41	0.60	-24.04	6.45	9.46	1.80
		63	33.41	-0.60	89.55	-6.45	53.02	-1.14
73		62	30.17	0.80	-9.60	6.21	-15.73	2.09
		63	-30.17	-0.80	75.12	-6.21	62.32	-1.21
74		62	-33.57	0.85	-24.04	6.21	9.46	2.10
		63	33.57	-0.85	89.55	-6.21	53.02	-1.16
75		62	30.32	0.54	-9.60	6.45	-15.73	1.79
		63	-30.32	-0.54	75.12	-6.45	62.33	-1.19
86	1	63	-0.16	0.00	9.05	0.00	-47.13	-0.01
		64	0.16	0.00	15.15	0.00	50.49	0.00
	2	63	-2.06	0.00	18.60	0.00	-10.67	0.00
		64	2.06	0.00	22.71	0.00	12.93	0.00
	3	63	-0.23	0.00	-0.69	0.00	-2.20	0.00
		64	0.23	0.00	0.69	0.00	2.96	0.00
	4	63	-0.09	0.00	-1.01	0.00	-5.50	-0.01
		64	0.09	0.00	1.01	0.00	6.61	0.00
	5	63	-5.00	0.00	-0.57	0.00	-0.44	-0.01
		64	5.00	0.00	0.57	0.00	1.06	0.01
	6	63	5.16	0.00	0.98	0.00	0.10	0.01
		64	-5.16	0.00	-0.98	0.00	-1.19	-0.01
	7	63	-0.03	-0.12	0.02	-0.39	-0.05	-0.03
		64	0.03	0.12	-0.02	0.39	0.03	-0.10
	8	63	0.07	0.12	0.01	0.39	-0.03	0.03
		64	-0.07	-0.12	-0.01	-0.39	0.02	0.10

9	63	-7.80	-0.01	33.65	0.00	-82.97	-0.03
	64	7.80	0.01	51.52	0.00	92.80	0.02
10	63	1.34	-0.01	35.04	0.00	-82.48	-0.02
	64	-1.34	0.01	50.13	0.00	90.77	0.00
11	63	-3.33	-0.12	34.17	-0.35	-82.61	-0.05
	64	3.33	0.12	51.00	0.35	91.87	-0.08
12	63	-3.24	0.09	34.16	0.35	-82.60	0.00
	64	3.24	-0.09	51.01	-0.35	91.86	0.11
13	63	-7.52	-0.01	33.92	0.00	-83.78	-0.03
	64	7.52	0.01	51.25	0.00	93.31	0.02
14	63	1.62	-0.01	35.32	0.00	-83.29	-0.02
	64	-1.62	0.01	49.85	0.00	91.28	0.00
15	63	-3.05	-0.12	34.45	-0.35	-83.43	-0.05
	64	3.05	0.12	50.72	0.35	92.38	-0.08
16	63	-2.96	0.10	34.44	0.35	-83.41	0.00
	64	2.96	-0.10	50.73	-0.35	92.37	0.11
17	63	-10.45	0.00	34.34	0.00	-79.92	-0.03
	64	10.45	0.00	50.83	0.00	88.99	0.02
18	63	4.78	-0.01	36.67	0.00	-79.11	-0.01
	64	-4.78	0.01	48.50	0.00	85.62	0.00
19	63	-3.00	-0.18	35.22	-0.58	-79.34	-0.06
	64	3.00	0.18	49.95	0.58	87.44	-0.14
20	63	-2.85	0.17	35.20	0.58	-79.31	0.02
	64	2.85	-0.17	49.97	-0.58	87.43	0.16
21	63	-5.50	-0.01	26.12	0.00	-63.02	-0.02
	64	5.50	0.01	39.40	0.00	70.32	0.01
22	63	0.60	-0.01	27.05	0.00	-62.69	-0.01
	64	-0.60	0.01	38.47	0.00	68.97	0.00
23	63	-2.51	-0.08	26.47	-0.23	-62.78	-0.03
	64	2.51	0.08	39.05	0.23	69.70	-0.05
24	63	-2.46	0.06	26.46	0.23	-62.77	0.00
	64	2.46	-0.06	39.05	-0.23	69.70	0.07
25	63	-5.31	-0.01	26.30	0.00	-63.56	-0.02
	64	5.31	0.01	39.21	0.00	70.66	0.01
26	63	0.79	-0.01	27.23	0.00	-63.24	-0.01
	64	-0.79	0.01	38.28	0.00	69.31	0.00
27	63	-2.33	-0.08	26.65	-0.23	-63.33	-0.03
	64	2.33	0.08	38.86	0.23	70.04	-0.05
28	63	-2.27	0.06	26.65	0.23	-63.32	0.00
	64	2.27	-0.06	38.87	-0.23	70.04	0.07
29	63	-7.26	0.00	26.58	0.00	-60.99	-0.02
	64	7.26	0.00	38.94	0.00	67.78	0.02
30	63	2.89	-0.01	28.13	0.00	-60.44	-0.01
	64	-2.89	0.01	37.38	0.00	65.53	0.00
31	63	-2.29	-0.12	27.16	-0.39	-60.60	-0.04
	64	2.29	0.12	38.35	0.39	66.75	-0.10
32	63	-2.20	0.11	27.16	0.39	-60.58	0.01
	64	2.20	-0.11	38.36	-0.39	66.74	0.11
33	63	-2.22	0.00	27.65	0.00	-57.80	-0.01
	64	2.22	0.00	37.86	0.00	63.42	0.00

34	63	-2.24	0.00	27.45	0.00	-58.90	-0.01
	64	2.24	0.00	38.07	0.00	64.74	0.01
35	63	-3.22	0.00	27.54	0.00	-57.89	-0.01
	64	3.22	0.00	37.98	0.00	63.63	0.01
36	63	-1.19	0.00	27.85	0.00	-57.78	-0.01
	64	1.19	0.00	37.67	0.00	63.18	0.00
37	63	-2.23	-0.03	27.66	-0.08	-57.81	-0.01
	64	2.23	0.03	37.86	0.08	63.42	-0.02
38	63	-2.21	0.02	27.65	0.08	-57.81	0.00
	64	2.21	-0.02	37.86	-0.08	63.42	0.03
39	63	-2.22	0.00	27.65	0.00	-57.80	-0.01
	64	2.22	0.00	37.86	0.00	63.42	0.00
40	63	-105.96	-0.33	-24.57	0.40	15.51	-0.12
	64	105.96	0.33	24.57	-0.40	11.52	-0.25
41	63	-106.47	0.52	-24.57	-0.40	15.52	-0.06
	64	106.47	-0.52	24.57	0.40	11.51	0.62
42	63	-1.11	-0.40	0.04	-3.25	-0.10	-1.02
	64	1.11	0.40	-0.04	3.25	0.06	0.58
43	63	-0.60	-0.70	0.05	-6.33	-0.13	-1.19
	64	0.60	0.70	-0.05	6.33	0.08	0.41
44	63	-108.51	-0.46	3.10	-0.57	-42.32	-0.44
	64	108.51	0.46	62.42	0.57	74.95	-0.07
45	63	-107.85	-0.22	3.07	1.38	-42.26	0.17
	64	107.85	0.22	62.45	-1.38	74.92	-0.41
46	63	-108.36	-0.55	3.10	-1.50	-42.33	-0.49
	64	108.36	0.55	62.42	1.50	74.96	-0.12
47	63	-108.00	-0.13	3.07	2.30	-42.25	0.22
	64	108.00	0.13	62.45	-2.30	74.91	-0.36
48	63	103.41	0.21	52.23	-1.38	-73.34	-0.19
	64	-103.41	-0.21	13.28	1.38	51.92	0.42
49	63	104.07	0.45	52.21	0.57	-73.28	0.42
	64	-104.07	-0.45	13.31	-0.57	51.88	0.08
50	63	103.56	0.12	52.24	-2.30	-73.35	-0.24
	64	-103.56	-0.12	13.28	2.30	51.92	0.37
51	63	103.92	0.54	52.21	1.50	-73.27	0.47
	64	-103.92	-0.54	13.31	-1.50	51.88	0.13
52	63	-109.03	0.39	3.09	-1.38	-42.31	-0.37
	64	109.03	-0.39	62.42	1.38	74.94	0.80
53	63	-108.36	0.63	3.07	0.57	-42.25	0.24
	64	108.36	-0.63	62.45	-0.57	74.91	0.46
54	63	-108.87	0.30	3.10	-2.30	-42.32	-0.42
	64	108.87	-0.30	62.42	2.30	74.95	0.75
55	63	-108.51	0.72	3.07	1.50	-42.24	0.29
	64	108.51	-0.72	62.45	-1.50	74.90	0.51
56	63	103.92	-0.64	52.24	-0.57	-73.35	-0.26
	64	-103.92	0.64	13.28	0.57	51.92	-0.45
57	63	104.59	-0.40	52.21	1.38	-73.29	0.35
	64	-104.59	0.40	13.31	-1.38	51.89	-0.79
58	63	104.08	-0.73	52.24	-1.50	-73.36	-0.31
	64	-104.08	0.73	13.28	1.50	51.93	-0.50

59	63	104.43	-0.31	52.21	2.30	-73.28	0.40	
	64	-104.43	0.31	13.31	-2.30	51.88	-0.74	
60	63	-35.12	-0.51	20.32	-3.13	-53.25	-1.06	
	64	35.12	0.51	45.19	3.13	66.93	0.51	
61	63	28.46	-0.31	35.07	-3.37	-62.56	-0.99	
	64	-28.46	0.31	30.45	3.37	60.02	0.65	
62	63	-35.27	-0.25	20.32	-3.37	-53.25	-1.04	
	64	35.27	0.25	45.19	3.37	66.93	0.77	
63	63	28.62	-0.56	35.07	-3.13	-62.56	-1.01	
	64	-28.62	0.56	30.45	3.13	60.02	0.39	
64	63	-32.90	0.30	20.24	3.37	-53.04	0.97	
	64	32.90	-0.30	45.28	-3.37	66.82	-0.65	
65	63	30.68	0.50	34.98	3.13	-62.35	1.05	
	64	-30.68	-0.50	30.54	-3.13	59.91	-0.50	
66	63	-33.05	0.55	20.24	3.13	-53.04	0.99	
	64	33.05	-0.55	45.28	-3.13	66.81	-0.38	
67	63	30.83	0.24	34.98	3.37	-62.35	1.03	
	64	-30.83	-0.24	30.54	-3.37	59.91	-0.76	
68	63	-34.60	-0.81	20.33	-6.21	-53.28	-1.23	
	64	34.60	0.81	45.19	6.21	66.95	0.34	
69	63	28.97	-0.61	35.07	-6.45	-62.58	-1.16	
	64	-28.97	0.61	30.44	6.45	60.04	0.49	
70	63	-34.76	-0.55	20.33	-6.45	-53.27	-1.21	
	64	34.76	0.55	45.19	6.45	66.95	0.61	
71	63	29.13	-0.86	35.07	-6.21	-62.58	-1.18	
	64	-29.13	0.86	30.44	6.21	60.04	0.23	
72	63	-33.41	0.60	20.23	6.45	-53.02	1.14	
	64	33.41	-0.60	45.28	-6.45	66.80	-0.48	
73	63	30.17	0.80	34.97	6.21	-62.32	1.21	
	64	-30.17	-0.80	30.54	-6.21	59.89	-0.34	
74	63	-33.57	0.85	20.23	6.21	-53.02	1.16	
	64	33.57	-0.85	45.28	-6.21	66.79	-0.22	
75	63	30.32	0.54	34.97	6.45	-62.33	1.19	
	64	-30.32	-0.54	30.54	-6.45	59.89	-0.60	
87	1	64	-0.16	0.00	42.14	0.00	-50.49	0.00
		65	0.16	0.00	-17.94	0.00	17.44	0.00
2	64	-2.06	0.00	29.71	0.00	-12.93	0.00	
	65	2.06	0.00	11.61	0.00	2.98	0.00	
3	64	-0.23	0.00	1.76	0.00	-2.96	0.00	
	65	0.23	0.00	-1.76	0.00	1.03	0.00	
4	64	-0.09	0.00	3.42	0.00	-6.61	0.00	
	65	0.09	0.00	-3.42	0.00	2.84	0.00	
5	64	-5.00	0.00	-0.65	0.00	-1.06	-0.01	
	65	5.00	0.00	0.65	0.00	1.78	0.01	
6	64	5.16	0.00	1.01	0.00	1.19	0.01	
	65	-5.16	0.00	-1.01	0.00	-2.30	-0.01	
7	64	-0.03	-0.12	-0.02	-0.39	-0.03	0.10	
	65	0.03	0.12	0.02	0.39	0.06	-0.23	
8	64	0.07	0.12	-0.03	0.39	-0.02	-0.10	

	65	-0.07	-0.12	0.03	-0.39	0.06	0.23
9	64	-7.80	-0.01	98.02	0.00	-92.80	-0.02
	65	7.80	0.01	-12.84	0.00	31.82	0.01
10	64	1.34	-0.01	99.51	0.00	-90.77	0.00
	65	-1.34	0.01	-14.34	0.00	28.15	-0.01
11	64	-3.33	-0.12	98.58	-0.35	-91.87	0.08
	65	3.33	0.12	-13.41	0.35	30.27	-0.21
12	64	-3.24	0.09	98.57	0.35	-91.86	-0.11
	65	3.24	-0.09	-13.40	-0.35	30.27	0.21
13	64	-7.52	-0.01	97.95	0.00	-93.31	-0.02
	65	7.52	0.01	-12.78	0.00	32.41	0.01
14	64	1.62	-0.01	99.44	0.00	-91.28	0.00
	65	-1.62	0.01	-14.27	0.00	28.74	-0.01
15	64	-3.05	-0.12	98.51	-0.35	-92.38	0.08
	65	3.05	0.12	-13.34	0.35	30.86	-0.21
16	64	-2.96	0.10	98.50	0.35	-92.37	-0.11
	65	2.96	-0.10	-13.33	-0.35	30.86	0.21
17	64	-10.45	0.00	94.99	0.00	-88.99	-0.02
	65	10.45	0.00	-9.82	0.00	31.35	0.02
18	64	4.78	-0.01	97.48	0.00	-85.62	0.00
	65	-4.78	0.01	-12.31	0.00	25.23	-0.02
19	64	-3.00	-0.18	95.93	-0.58	-87.44	0.14
	65	3.00	0.18	-10.76	0.58	28.76	-0.35
20	64	-2.85	0.17	95.92	0.58	-87.43	-0.16
	65	2.85	-0.17	-10.74	-0.58	28.77	0.35
21	64	-5.50	-0.01	74.92	0.00	-70.32	-0.01
	65	5.50	0.01	-9.41	0.00	23.94	0.01
22	64	0.60	-0.01	75.92	0.00	-68.97	0.00
	65	-0.60	0.01	-10.40	0.00	21.49	-0.01
23	64	-2.51	-0.08	75.30	-0.23	-69.70	0.05
	65	2.51	0.08	-9.78	0.23	22.90	-0.14
24	64	-2.46	0.06	75.29	0.23	-69.70	-0.07
	65	2.46	-0.06	-9.78	-0.23	22.91	0.14
25	64	-5.31	-0.01	74.88	0.00	-70.66	-0.01
	65	5.31	0.01	-9.36	0.00	24.33	0.01
26	64	0.79	-0.01	75.87	0.00	-69.31	0.00
	65	-0.79	0.01	-10.36	0.00	21.88	-0.01
27	64	-2.33	-0.08	75.25	-0.23	-70.04	0.05
	65	2.33	0.08	-9.74	0.23	23.30	-0.14
28	64	-2.27	0.06	75.25	0.23	-70.04	-0.07
	65	2.27	-0.06	-9.73	-0.23	23.30	0.14
29	64	-7.26	0.00	72.90	0.00	-67.78	-0.02
	65	7.26	0.00	-7.39	0.00	23.62	0.01
30	64	2.89	-0.01	74.57	0.00	-65.53	0.00
	65	-2.89	0.01	-9.05	0.00	19.55	-0.01
31	64	-2.29	-0.12	73.53	-0.39	-66.75	0.10
	65	2.29	0.12	-8.02	0.39	21.90	-0.23
32	64	-2.20	0.11	73.52	0.39	-66.74	-0.11
	65	2.20	-0.11	-8.01	-0.39	21.90	0.23
33	64	-2.22	0.00	71.84	0.00	-63.42	0.00

	65	2.22	0.00	-6.33	0.00	20.42	0.00
34	64	-2.24	0.00	72.53	0.00	-64.74	-0.01
	65	2.24	0.00	-7.01	0.00	20.99	0.00
35	64	-3.22	0.00	71.71	0.00	-63.63	-0.01
	65	3.22	0.00	-6.20	0.00	20.78	0.00
36	64	-1.19	0.00	72.05	0.00	-63.18	0.00
	65	1.19	0.00	-6.53	0.00	19.96	0.00
37	64	-2.23	-0.03	71.84	-0.08	-63.42	0.02
	65	2.23	0.03	-6.32	0.08	20.43	-0.05
38	64	-2.21	0.02	71.84	0.08	-63.42	-0.03
	65	2.21	-0.02	-6.32	-0.08	20.43	0.05
39	64	-2.22	0.00	71.84	0.00	-63.42	0.00
	65	2.22	0.00	-6.33	0.00	20.42	0.00
40	64	-105.96	-0.33	-24.98	0.40	-11.52	0.25
	65	105.96	0.33	24.98	-0.40	39.00	-0.61
41	64	-106.47	0.52	-24.98	-0.40	-11.51	-0.62
	65	106.47	-0.52	24.98	0.40	38.99	1.19
42	64	-1.11	-0.40	0.04	-3.25	-0.06	-0.58
	65	1.11	0.40	-0.04	3.25	0.01	0.14
43	64	-0.60	-0.70	0.05	-6.33	-0.08	-0.41
	65	0.60	0.70	-0.05	6.33	0.02	-0.36
44	64	-108.51	-0.46	46.88	-0.57	-74.95	0.07
	65	108.51	0.46	18.64	0.57	59.42	-0.57
45	64	-107.85	-0.22	46.85	1.38	-74.92	0.41
	65	107.85	0.22	18.66	-1.38	59.41	-0.65
46	64	-108.36	-0.55	46.88	-1.50	-74.96	0.12
	65	108.36	0.55	18.64	1.50	59.42	-0.72
47	64	-108.00	-0.13	46.85	2.30	-74.91	0.36
	65	108.00	0.13	18.67	-2.30	59.41	-0.51
48	64	103.41	0.21	96.84	-1.38	-51.92	-0.42
	65	-103.41	-0.21	-31.32	1.38	-18.57	0.65
49	64	104.07	0.45	96.81	0.57	-51.88	-0.08
	65	-104.07	-0.45	-31.30	-0.57	-18.58	0.57
50	64	103.56	0.12	96.84	-2.30	-51.92	-0.37
	65	-103.56	-0.12	-31.32	2.30	-18.57	0.50
51	64	103.92	0.54	96.81	1.50	-51.88	-0.13
	65	-103.92	-0.54	-31.29	-1.50	-18.58	0.72
52	64	-109.03	0.39	46.88	-1.38	-74.94	-0.80
	65	109.03	-0.39	18.64	1.38	59.41	1.23
53	64	-108.36	0.63	46.85	0.57	-74.91	-0.46
	65	108.36	-0.63	18.67	-0.57	59.41	1.15
54	64	-108.87	0.30	46.88	-2.30	-74.95	-0.75
	65	108.87	-0.30	18.64	2.30	59.42	1.08
55	64	-108.51	0.72	46.85	1.50	-74.90	-0.51
	65	108.51	-0.72	18.67	-1.50	59.40	1.30
56	64	103.92	-0.64	96.84	-0.57	-51.92	0.45
	65	-103.92	0.64	-31.32	0.57	-18.57	-1.15
57	64	104.59	-0.40	96.81	1.38	-51.89	0.79
	65	-104.59	0.40	-31.30	-1.38	-18.57	-1.23
58	64	104.08	-0.73	96.84	-1.50	-51.93	0.50

		65	-104.08	0.73	-31.32	1.50	-18.56	-1.30
59		64	104.43	-0.31	96.81	2.30	-51.88	0.74
		65	-104.43	0.31	-31.30	-2.30	-18.58	-1.08
60		64	-35.12	-0.51	64.39	-3.13	-66.93	-0.51
		65	35.12	0.51	1.12	3.13	32.13	-0.05
61		64	28.46	-0.31	79.38	-3.37	-60.02	-0.65
		65	-28.46	0.31	-13.87	3.37	8.73	0.32
62		64	-35.27	-0.25	64.39	-3.37	-66.93	-0.77
		65	35.27	0.25	1.12	3.37	32.13	0.49
63		64	28.62	-0.56	79.38	-3.13	-60.02	-0.39
		65	-28.62	0.56	-13.87	3.13	8.73	-0.22
64		64	-32.90	0.30	64.31	3.37	-66.82	0.65
		65	32.90	-0.30	1.21	-3.37	32.11	-0.32
65		64	30.68	0.50	79.30	3.13	-59.91	0.50
		65	-30.68	-0.50	-13.78	-3.13	8.71	0.05
66		64	-33.05	0.55	64.31	3.13	-66.81	0.38
		65	33.05	-0.55	1.21	-3.13	32.11	0.22
67		64	30.83	0.24	79.30	3.37	-59.91	0.76
		65	-30.83	-0.24	-13.78	-3.37	8.72	-0.49
68		64	-34.60	-0.81	64.40	-6.21	-66.95	-0.34
		65	34.60	0.81	1.12	6.21	32.14	-0.54
69		64	28.97	-0.61	79.39	-6.45	-60.04	-0.49
		65	-28.97	0.61	-13.87	6.45	8.75	-0.18
70		64	-34.76	-0.55	64.40	-6.45	-66.95	-0.61
		65	34.76	0.55	1.12	6.45	32.14	0.00
71		64	29.13	-0.86	79.39	-6.21	-60.04	-0.23
		65	-29.13	0.86	-13.87	6.21	8.75	-0.72
72		64	-33.41	0.60	64.30	6.45	-66.80	0.48
		65	33.41	-0.60	1.21	-6.45	32.10	0.17
73		64	30.17	0.80	79.29	6.21	-59.89	0.34
		65	-30.17	-0.80	-13.77	-6.21	8.70	0.54
74		64	-33.57	0.85	64.30	6.21	-66.79	0.22
		65	33.57	-0.85	1.21	-6.21	32.10	0.72
75		64	30.32	0.54	79.29	6.45	-59.89	0.60
		65	-30.32	-0.54	-13.78	-6.45	8.70	0.00
88	1	65	-0.16	0.00	75.22	0.00	-17.44	0.00
		8	0.16	0.00	-54.32	0.00	-44.09	0.00
	2	65	-2.06	0.00	40.86	0.00	-2.98	0.00
		8	2.06	0.00	-5.18	0.00	-18.89	0.00
	3	65	-0.23	0.00	4.20	0.00	-1.03	0.00
		8	0.23	0.00	-4.20	0.00	-2.97	0.00
	4	65	-0.09	0.00	7.85	0.00	-2.84	0.00
		8	0.09	0.00	-7.85	0.00	-4.62	0.00
	5	65	-5.00	0.00	-0.71	0.00	-1.78	-0.01
		8	5.00	0.00	0.71	0.00	2.46	0.01
	6	65	5.16	0.00	1.01	0.00	2.30	0.01
		8	-5.16	0.00	-1.01	0.00	-3.25	-0.02
	7	65	-0.03	-0.12	-0.07	-0.39	-0.06	0.23
		8	0.03	0.12	0.07	0.39	0.12	-0.34

8	65	0.07	0.12	-0.08	0.39	-0.06	-0.23
	8	-0.07	-0.12	0.08	-0.39	0.13	0.34
9	65	-7.80	-0.01	162.46	0.00	-31.82	-0.01
	8	7.80	0.01	-88.90	0.00	-87.57	0.00
10	65	1.34	-0.01	164.01	0.00	-28.15	0.01
	8	-1.34	0.01	-90.45	0.00	-92.71	-0.02
11	65	-3.33	-0.12	163.04	-0.35	-30.27	0.21
	8	3.33	0.12	-89.48	0.35	-89.68	-0.32
12	65	-3.24	0.09	163.03	0.35	-30.27	-0.21
	8	3.24	-0.09	-89.47	-0.35	-89.66	0.30
13	65	-7.52	-0.01	162.04	0.00	-32.41	-0.01
	8	7.52	0.01	-88.49	0.00	-86.59	0.00
14	65	1.62	-0.01	163.59	0.00	-28.74	0.01
	8	-1.62	0.01	-90.03	0.00	-91.73	-0.02
15	65	-3.05	-0.12	162.62	-0.35	-30.86	0.21
	8	3.05	0.12	-89.07	0.35	-88.69	-0.32
16	65	-2.96	0.10	162.61	0.35	-30.86	-0.21
	8	2.96	-0.10	-89.06	-0.35	-88.68	0.30
17	65	-10.45	0.00	155.73	0.00	-31.35	-0.02
	8	10.45	0.00	-82.17	0.00	-81.65	0.01
18	65	4.78	-0.01	158.31	0.00	-25.23	0.02
	8	-4.78	0.01	-84.75	0.00	-90.22	-0.03
19	65	-3.00	-0.18	156.69	-0.58	-28.76	0.35
	8	3.00	0.18	-83.14	0.58	-85.15	-0.52
20	65	-2.85	0.17	156.68	0.58	-28.77	-0.35
	8	2.85	-0.17	-83.12	-0.58	-85.14	0.51
21	65	-5.50	-0.01	123.78	0.00	-23.94	-0.01
	8	5.50	0.01	-67.20	0.00	-66.78	0.00
22	65	0.60	-0.01	124.82	0.00	-21.49	0.01
	8	-0.60	0.01	-68.23	0.00	-70.21	-0.02
23	65	-2.51	-0.08	124.17	-0.23	-22.90	0.14
	8	2.51	0.08	-67.59	0.23	-68.18	-0.21
24	65	-2.46	0.06	124.16	0.23	-22.91	-0.14
	8	2.46	-0.06	-67.58	-0.23	-68.17	0.20
25	65	-5.31	-0.01	123.51	0.00	-24.33	-0.01
	8	5.31	0.01	-66.92	0.00	-66.12	0.00
26	65	0.79	-0.01	124.54	0.00	-21.88	0.01
	8	-0.79	0.01	-67.95	0.00	-69.55	-0.02
27	65	-2.33	-0.08	123.89	-0.23	-23.30	0.14
	8	2.33	0.08	-67.31	0.23	-67.52	-0.21
28	65	-2.27	0.06	123.89	0.23	-23.30	-0.14
	8	2.27	-0.06	-67.30	-0.23	-67.52	0.20
29	65	-7.26	0.00	119.30	0.00	-23.62	-0.01
	8	7.26	0.00	-62.71	0.00	-62.83	0.01
30	65	2.89	-0.01	121.01	0.00	-19.55	0.01
	8	-2.89	0.01	-64.43	0.00	-68.54	-0.02
31	65	-2.29	-0.12	119.94	-0.39	-21.90	0.23
	8	2.29	0.12	-63.36	0.39	-65.17	-0.35
32	65	-2.20	0.11	119.93	0.39	-21.90	-0.23
	8	2.20	-0.11	-63.35	-0.39	-65.16	0.34

33	65	-2.22	0.00	116.08	0.00	-20.42	0.00
	8	2.22	0.00	-59.50	0.00	-62.98	0.00
34	65	-2.24	0.00	117.65	0.00	-20.99	0.00
	8	2.24	0.00	-61.07	0.00	-63.90	0.00
35	65	-3.22	0.00	115.94	0.00	-20.78	0.00
	8	3.22	0.00	-59.36	0.00	-62.49	0.00
36	65	-1.19	0.00	116.28	0.00	-19.96	0.00
	8	1.19	0.00	-59.70	0.00	-63.63	-0.01
37	65	-2.23	-0.03	116.07	-0.08	-20.43	0.05
	8	2.23	0.03	-59.49	0.08	-62.95	-0.07
38	65	-2.21	0.02	116.07	0.08	-20.43	-0.05
	8	2.21	-0.02	-59.48	-0.08	-62.95	0.06
39	65	-2.22	0.00	116.08	0.00	-20.42	0.00
	8	2.22	0.00	-59.50	0.00	-62.98	0.00
40	65	-105.96	-0.33	-25.23	0.40	-39.00	0.61
	8	105.96	0.33	25.23	-0.40	62.97	-0.93
41	65	-106.47	0.52	-25.23	-0.40	-38.99	-1.19
	8	106.47	-0.52	25.23	0.40	62.96	1.68
42	65	-1.11	-0.40	0.04	-3.25	-0.01	-0.14
	8	1.11	0.40	-0.04	3.25	-0.03	-0.25
43	65	-0.60	-0.70	0.05	-6.33	-0.02	0.36
	8	0.60	0.70	-0.05	6.33	-0.02	-1.03
44	65	-108.51	-0.46	90.86	-0.57	-59.42	0.57
	8	108.51	0.46	-34.28	0.57	-0.02	-1.01
45	65	-107.85	-0.22	90.84	1.38	-59.41	0.65
	8	107.85	0.22	-34.26	-1.38	0.00	-0.86
46	65	-108.36	-0.55	90.86	-1.50	-59.42	0.72
	8	108.36	0.55	-34.28	1.50	-0.02	-1.24
47	65	-108.00	-0.13	90.84	2.30	-59.41	0.51
	8	108.00	0.13	-34.25	-2.30	-0.01	-0.63
48	65	103.41	0.21	141.32	-1.38	18.57	-0.65
	8	-103.41	-0.21	-84.74	1.38	-125.95	0.85
49	65	104.07	0.45	141.30	0.57	18.58	-0.57
	8	-104.07	-0.45	-84.72	-0.57	-125.93	1.00
50	65	103.56	0.12	141.33	-2.30	18.57	-0.50
	8	-103.56	-0.12	-84.74	2.30	-125.95	0.62
51	65	103.92	0.54	141.30	1.50	18.58	-0.72
	8	-103.92	-0.54	-84.72	-1.50	-125.94	1.23
52	65	-109.03	0.39	90.86	-1.38	-59.41	-1.23
	8	109.03	-0.39	-34.28	1.38	-0.03	1.60
53	65	-108.36	0.63	90.84	0.57	-59.41	-1.15
	8	108.36	-0.63	-34.25	-0.57	-0.01	1.75
54	65	-108.87	0.30	90.86	-2.30	-59.42	-1.08
	8	108.87	-0.30	-34.28	2.30	-0.03	1.37
55	65	-108.51	0.72	90.83	1.50	-59.40	-1.30
	8	108.51	-0.72	-34.25	-1.50	-0.01	1.99
56	65	103.92	-0.64	141.33	-0.57	18.57	1.15
	8	-103.92	0.64	-84.74	0.57	-125.95	-1.76
57	65	104.59	-0.40	141.30	1.38	18.57	1.23
	8	-104.59	0.40	-84.72	-1.38	-125.93	-1.61

58	65	104.08	-0.73	141.33	-1.50	18.56	1.30	
	8	-104.08	0.73	-84.75	1.50	-125.95	-1.99	
59	65	104.43	-0.31	141.30	2.30	18.58	1.08	
	8	-104.43	0.31	-84.72	-2.30	-125.93	-1.38	
60	65	-35.12	-0.51	108.55	-3.13	-32.13	0.05	
	8	35.12	0.51	-51.97	3.13	-44.12	-0.53	
61	65	28.46	-0.31	123.69	-3.37	-8.73	-0.32	
	8	-28.46	0.31	-67.11	3.37	-81.90	0.03	
62	65	-35.27	-0.25	108.55	-3.37	-32.13	-0.49	
	8	35.27	0.25	-51.97	3.37	-44.12	0.25	
63	65	28.62	-0.56	123.69	-3.13	-8.73	0.22	
	8	-28.62	0.56	-67.11	3.13	-81.90	-0.75	
64	65	-32.90	0.30	108.47	3.37	-32.11	0.32	
	8	32.90	-0.30	-51.89	-3.37	-44.06	-0.04	
65	65	30.68	0.50	123.61	3.13	-8.71	-0.05	
	8	-30.68	-0.50	-67.03	-3.13	-81.84	0.52	
66	65	-33.05	0.55	108.47	3.13	-32.11	-0.22	
	8	33.05	-0.55	-51.89	-3.13	-44.06	0.75	
67	65	30.83	0.24	123.61	3.37	-8.72	0.49	
	8	-30.83	-0.24	-67.03	-3.37	-81.84	-0.26	
68	65	-34.60	-0.81	108.56	-6.21	-32.14	0.54	
	8	34.60	0.81	-51.98	6.21	-44.11	-1.31	
69	65	28.97	-0.61	123.70	-6.45	-8.75	0.18	
	8	-28.97	0.61	-67.12	6.45	-81.89	-0.75	
70	65	-34.76	-0.55	108.56	-6.45	-32.14	0.00	
	8	34.76	0.55	-51.98	6.45	-44.11	-0.53	
71	65	29.13	-0.86	123.70	-6.21	-8.75	0.72	
	8	-29.13	0.86	-67.12	6.21	-81.89	-1.53	
72	65	-33.41	0.60	108.46	6.45	-32.10	-0.17	
	8	33.41	-0.60	-51.88	-6.45	-44.07	0.74	
73	65	30.17	0.80	123.60	6.21	-8.70	-0.54	
	8	-30.17	-0.80	-67.02	-6.21	-81.85	1.30	
74	65	-33.57	0.85	108.46	6.21	-32.10	-0.72	
	8	33.57	-0.85	-51.88	-6.21	-44.07	1.53	
75	65	30.32	0.54	123.60	6.45	-8.70	0.00	
	8	-30.32	-0.54	-67.02	-6.45	-81.85	0.52	
89	1	8	-0.13	0.01	-54.33	0.00	44.10	0.00
	66	0.13	-0.01	75.23	0.00	17.44	0.00	
2	8	-2.01	0.00	-5.18	0.00	18.90	0.01	
	66	2.01	0.00	40.86	0.00	2.97	0.00	
3	8	-0.23	0.00	-4.20	0.00	2.97	0.00	
	66	0.23	0.00	4.20	0.00	1.03	0.00	
4	8	-0.08	0.00	-7.85	0.00	4.62	0.00	
	66	0.08	0.00	7.85	0.00	2.84	0.00	
5	8	-3.16	0.00	-1.02	0.00	3.30	0.00	
	66	3.16	0.00	1.02	0.00	-2.34	0.00	
6	8	3.31	0.00	0.72	0.00	-2.51	0.00	
	66	-3.31	0.00	-0.72	0.00	1.82	0.00	
7	8	-0.03	0.14	0.07	0.39	-0.12	0.44	

	66	0.03	-0.14	-0.07	-0.39	0.06	-0.31
8	8	0.07	-0.14	0.08	-0.39	-0.13	-0.45
	66	-0.07	0.14	-0.08	0.39	0.06	0.31
9	8	-6.02	0.01	-90.47	0.00	92.79	0.02
	66	6.02	-0.01	164.03	0.00	28.09	-0.01
10	8	-0.20	0.02	-88.90	0.00	87.56	0.02
	66	0.20	-0.02	162.46	0.00	31.83	0.00
11	8	-3.21	0.14	-89.49	0.35	89.71	0.42
	66	3.21	-0.14	163.05	-0.35	30.25	-0.28
12	8	-3.12	-0.11	-89.49	-0.35	89.70	-0.38
	66	3.12	0.11	163.04	0.35	30.25	0.28
13	8	-5.74	0.01	-90.05	0.00	91.81	0.02
	66	5.74	-0.01	163.61	0.00	28.68	0.00
14	8	0.08	0.02	-88.49	0.00	86.58	0.02
	66	-0.08	-0.02	162.04	0.00	32.42	0.00
15	8	-2.92	0.14	-89.08	0.35	88.73	0.42
	66	2.92	-0.14	162.63	-0.35	30.84	-0.28
16	8	-2.84	-0.11	-89.07	-0.35	88.72	-0.38
	66	2.84	0.11	162.62	0.35	30.84	0.28
17	8	-7.58	0.01	-84.78	0.00	90.33	0.01
	66	7.58	-0.01	158.33	0.00	25.15	-0.01
18	8	2.13	0.02	-82.16	0.00	81.61	0.02
	66	-2.13	-0.02	155.72	0.00	31.39	0.00
19	8	-2.89	0.23	-83.15	0.58	85.19	0.68
	66	2.89	-0.23	156.70	-0.58	28.74	-0.47
20	8	-2.74	-0.20	-83.13	-0.58	85.17	-0.65
	66	2.74	0.20	156.69	0.58	28.74	0.46
21	8	-4.30	0.01	-68.25	0.00	70.26	0.01
	66	4.30	-0.01	124.83	0.00	21.45	0.00
22	8	-0.42	0.01	-67.20	0.00	66.78	0.02
	66	0.42	-0.01	123.79	0.00	23.94	0.00
23	8	-2.42	0.10	-67.60	0.23	68.21	0.28
	66	2.42	-0.10	124.18	-0.23	22.89	-0.19
24	8	-2.36	-0.07	-67.59	-0.23	68.20	-0.25
	66	2.36	0.07	124.17	0.23	22.89	0.18
25	8	-4.11	0.01	-67.97	0.00	69.61	0.01
	66	4.11	-0.01	124.55	0.00	21.84	0.00
26	8	-0.23	0.01	-66.93	0.00	66.12	0.01
	66	0.23	-0.01	123.51	0.00	24.34	0.00
27	8	-2.23	0.10	-67.32	0.23	67.55	0.28
	66	2.23	-0.10	123.90	-0.23	23.28	-0.19
28	8	-2.18	-0.07	-67.31	-0.23	67.54	-0.25
	66	2.18	0.07	123.89	0.23	23.28	0.18
29	8	-5.34	0.01	-64.45	0.00	68.62	0.01
	66	5.34	-0.01	121.03	0.00	19.49	0.00
30	8	1.13	0.01	-62.71	0.00	62.81	0.01
	66	-1.13	-0.01	119.29	0.00	23.64	0.00
31	8	-2.21	0.15	-63.37	0.39	65.19	0.46
	66	2.21	-0.15	119.95	-0.39	21.88	-0.31
32	8	-2.11	-0.13	-63.36	-0.39	65.18	-0.43

	66	2.11	0.13	119.94	0.39	21.88	0.31
33	8	-2.14	0.01	-59.51	0.00	63.00	0.01
	66	2.14	-0.01	116.09	0.00	20.41	0.00
34	8	-2.16	0.01	-61.08	0.00	63.93	0.01
	66	2.16	-0.01	117.66	0.00	20.97	0.00
35	8	-2.77	0.01	-59.71	0.00	63.66	0.01
	66	2.77	-0.01	116.29	0.00	19.94	0.00
36	8	-1.48	0.01	-59.36	0.00	62.50	0.01
	66	1.48	-0.01	115.94	0.00	20.77	0.00
37	8	-2.15	0.04	-59.49	0.08	62.98	0.10
	66	2.15	-0.04	116.08	-0.08	20.42	-0.06
38	8	-2.13	-0.02	-59.49	-0.08	62.98	-0.08
	66	2.13	0.02	116.07	0.08	20.42	0.06
39	8	-2.14	0.01	-59.51	0.00	63.00	0.01
	66	2.14	-0.01	116.09	0.00	20.41	0.00
40	8	-65.94	-0.53	-25.48	0.39	64.05	-1.44
	66	65.94	0.53	25.48	-0.39	-39.84	0.93
41	8	-66.47	0.38	-25.48	-0.39	64.05	1.38
	66	66.47	-0.38	25.48	0.39	-39.84	-1.02
42	8	-1.08	0.88	-0.04	6.35	0.01	1.85
	66	1.08	-0.88	0.04	-6.35	0.03	-1.01
43	8	-0.67	0.56	-0.04	3.25	0.02	0.98
	66	0.67	-0.56	0.04	-3.25	0.02	-0.45
44	8	-68.41	-0.26	-85.00	2.29	127.06	-0.87
	66	68.41	0.26	141.58	-2.29	-19.43	0.62
45	8	-67.76	-0.79	-84.97	-1.52	127.05	-1.98
	66	67.76	0.79	141.56	1.52	-19.45	1.23
46	8	-68.28	-0.36	-85.00	1.36	127.06	-1.13
	66	68.28	0.36	141.58	-1.36	-19.43	0.79
47	8	-67.88	-0.69	-84.98	-0.59	127.05	-1.72
	66	67.88	0.69	141.56	0.59	-19.44	1.06
48	8	63.48	0.80	-34.04	1.52	-1.05	2.00
	66	-63.48	-0.80	90.62	-1.52	60.26	-1.24
49	8	64.13	0.28	-34.01	-2.29	-1.05	0.89
	66	-64.13	-0.28	90.59	2.29	60.24	-0.63
50	8	63.60	0.71	-34.04	0.59	-1.04	1.74
	66	-63.60	-0.71	90.62	-0.59	60.25	-1.07
51	8	64.00	0.37	-34.01	-1.36	-1.06	1.15
	66	-64.00	-0.37	90.60	1.36	60.24	-0.80
52	8	-68.94	0.65	-85.00	1.51	127.05	1.94
	66	68.94	-0.65	141.58	-1.51	-19.42	-1.32
53	8	-68.29	0.12	-84.98	-2.29	127.05	0.83
	66	68.29	-0.12	141.56	2.29	-19.44	-0.71
54	8	-68.81	0.56	-85.00	0.58	127.05	1.68
	66	68.81	-0.56	141.58	-0.58	-19.43	-1.15
55	8	-68.41	0.22	-84.98	-1.36	127.04	1.09
	66	68.41	-0.22	141.56	1.36	-19.44	-0.88
56	8	64.01	-0.11	-34.04	2.29	-1.04	-0.81
	66	-64.01	0.11	90.62	-2.29	60.25	0.71
57	8	64.66	-0.64	-34.01	-1.51	-1.05	-1.92

		66	-64.66	0.64	90.59	1.51	60.23	1.32
58		8	64.13	-0.21	-34.04	1.36	-1.04	-1.07
		66	-64.13	0.21	90.62	-1.36	60.25	0.88
59		8	64.53	-0.54	-34.01	-0.58	-1.05	-1.66
		66	-64.53	0.54	90.59	0.58	60.24	1.15
60		8	-23.00	0.73	-67.19	6.46	82.23	1.43
		66	23.00	-0.73	123.78	-6.46	8.48	-0.74
61		8	16.56	1.05	-51.91	6.23	43.80	2.29
		66	-16.56	-1.05	108.49	-6.23	32.39	-1.29
62		8	-23.16	1.00	-67.19	6.23	82.23	2.27
		66	23.16	-1.00	123.78	-6.23	8.48	-1.32
63		8	16.72	0.77	-51.91	6.47	43.80	1.45
		66	-16.72	-0.77	108.49	-6.47	32.39	-0.71
64		8	-20.84	-1.03	-67.11	-6.23	82.21	-2.27
		66	20.84	1.03	123.69	6.23	8.42	1.29
65		8	18.72	-0.71	-51.82	-6.46	43.78	-1.41
		66	-18.72	0.71	108.40	6.46	32.33	0.73
66		8	-21.00	-0.76	-67.11	-6.47	82.21	-1.42
		66	21.00	0.76	123.69	6.47	8.42	0.71
67		8	18.88	-0.98	-51.82	-6.23	43.78	-2.25
		66	-18.88	0.98	108.40	6.23	32.33	1.31
68		8	-22.59	0.41	-67.19	3.36	82.24	0.56
		66	22.59	-0.41	123.77	-3.36	8.47	-0.17
69		8	16.98	0.73	-51.90	3.13	43.81	1.42
		66	-16.98	-0.73	108.48	-3.13	32.38	-0.73
70		8	-22.75	0.68	-67.19	3.13	82.24	1.40
		66	22.75	-0.68	123.77	-3.13	8.47	-0.76
71		8	17.13	0.45	-51.90	3.37	43.81	0.58
		66	-17.13	-0.45	108.48	-3.37	32.37	-0.15
72		8	-21.26	-0.71	-67.11	-3.13	82.20	-1.40
		66	21.26	0.71	123.69	3.13	8.44	0.73
73		8	18.31	-0.39	-51.82	-3.36	43.77	-0.54
		66	-18.31	0.39	108.41	3.36	32.34	0.17
74		8	-21.41	-0.44	-67.11	-3.37	82.20	-0.56
		66	21.41	0.44	123.69	3.37	8.44	0.14
75		8	18.47	-0.66	-51.82	-3.13	43.77	-1.38
		66	-18.47	0.66	108.40	3.13	32.34	0.75
90	1	66	-0.13	0.01	-17.94	0.00	-17.44	0.00
		67	0.13	-0.01	42.14	0.00	50.48	0.01
	2	66	-2.01	0.00	11.60	0.00	-2.97	0.00
		67	2.01	0.00	29.71	0.00	12.93	0.00
	3	66	-0.23	0.00	-1.76	0.00	-1.03	0.00
		67	0.23	0.00	1.76	0.00	2.96	0.00
	4	66	-0.08	0.00	-3.43	0.00	-2.84	0.00
		67	0.08	0.00	3.43	0.00	6.61	0.00
	5	66	-3.16	0.00	-1.01	0.00	2.34	0.00
		67	3.16	0.00	1.01	0.00	-1.22	-0.01
	6	66	3.31	0.00	0.66	0.00	-1.82	0.00
		67	-3.31	0.00	-0.66	0.00	1.09	0.01

7	66	-0.03	0.14	0.02	0.39	-0.06	0.31
	67	0.03	-0.14	-0.02	-0.39	0.03	-0.15
8	66	0.07	-0.14	0.03	-0.39	-0.06	-0.31
	67	-0.07	0.14	-0.03	0.39	0.02	0.15
9	66	-6.02	0.01	-14.36	0.00	-28.09	0.01
	67	6.02	-0.01	99.53	0.00	90.73	0.01
10	66	-0.20	0.02	-12.85	0.00	-31.83	0.00
	67	0.20	-0.02	98.02	0.00	92.81	0.02
11	66	-3.21	0.14	-13.42	0.35	-30.25	0.28
	67	3.21	-0.14	98.59	-0.35	91.86	-0.12
12	66	-3.12	-0.11	-13.41	-0.35	-30.25	-0.28
	67	3.12	0.11	98.58	0.35	91.85	0.15
13	66	-5.74	0.01	-14.29	0.00	-28.68	0.00
	67	5.74	-0.01	99.46	0.00	91.24	0.01
14	66	0.08	0.02	-12.78	0.00	-32.42	0.00
	67	-0.08	-0.02	97.95	0.00	93.33	0.02
15	66	-2.92	0.14	-13.35	0.35	-30.84	0.28
	67	2.92	-0.14	98.52	-0.35	92.37	-0.12
16	66	-2.84	-0.11	-13.34	-0.35	-30.84	-0.28
	67	2.84	0.11	98.52	0.35	92.36	0.15
17	66	-7.58	0.01	-12.33	0.00	-25.15	0.01
	67	7.58	-0.01	97.50	0.00	85.56	0.00
18	66	2.13	0.02	-9.82	0.00	-31.39	0.00
	67	-2.13	-0.02	94.99	0.00	89.03	0.02
19	66	-2.89	0.23	-10.77	0.58	-28.74	0.47
	67	2.89	-0.23	95.94	-0.58	87.43	-0.22
20	66	-2.74	-0.20	-10.76	-0.58	-28.74	-0.46
	67	2.74	0.20	95.93	0.58	87.42	0.24
21	66	-4.30	0.01	-10.42	0.00	-21.45	0.00
	67	4.30	-0.01	75.93	0.00	68.94	0.01
22	66	-0.42	0.01	-9.41	0.00	-23.94	0.00
	67	0.42	-0.01	74.93	0.00	70.33	0.01
23	66	-2.42	0.10	-9.79	0.23	-22.89	0.19
	67	2.42	-0.10	75.31	-0.23	69.69	-0.08
24	66	-2.36	-0.07	-9.79	-0.23	-22.89	-0.18
	67	2.36	0.07	75.30	0.23	69.69	0.10
25	66	-4.11	0.01	-10.37	0.00	-21.84	0.00
	67	4.11	-0.01	75.89	0.00	69.28	0.01
26	66	-0.23	0.01	-9.37	0.00	-24.34	0.00
	67	0.23	-0.01	74.88	0.00	70.67	0.01
27	66	-2.23	0.10	-9.75	0.23	-23.28	0.19
	67	2.23	-0.10	75.26	-0.23	70.03	-0.08
28	66	-2.18	-0.07	-9.74	-0.23	-23.28	-0.18
	67	2.18	0.07	75.26	0.23	70.03	0.10
29	66	-5.34	0.01	-9.06	0.00	-19.49	0.00
	67	5.34	-0.01	74.58	0.00	65.49	0.00
30	66	1.13	0.01	-7.39	0.00	-23.64	0.00
	67	-1.13	-0.01	72.91	0.00	67.81	0.01
31	66	-2.21	0.15	-8.02	0.39	-21.88	0.31
	67	2.21	-0.15	73.54	-0.39	66.74	-0.14

32	66	-2.11	-0.13	-8.01	-0.39	-21.88	-0.31
	67	2.11	0.13	73.53	0.39	66.73	0.16
33	66	-2.14	0.01	-6.34	0.00	-20.41	0.00
	67	2.14	-0.01	71.85	0.00	63.41	0.01
34	66	-2.16	0.01	-7.02	0.00	-20.97	0.00
	67	2.16	-0.01	72.54	0.00	64.73	0.01
35	66	-2.77	0.01	-6.54	0.00	-19.94	0.00
	67	2.77	-0.01	72.05	0.00	63.16	0.00
36	66	-1.48	0.01	-6.20	0.00	-20.77	0.00
	67	1.48	-0.01	71.72	0.00	63.63	0.01
37	66	-2.15	0.04	-6.33	0.08	-20.42	0.06
	67	2.15	-0.04	71.85	-0.08	63.41	-0.02
38	66	-2.13	-0.02	-6.33	-0.08	-20.42	-0.06
	67	2.13	0.02	71.85	0.08	63.41	0.04
39	66	-2.14	0.01	-6.34	0.00	-20.41	0.00
	67	2.14	-0.01	71.85	0.00	63.41	0.01
40	66	-65.94	-0.53	-25.12	0.39	39.84	-0.93
	67	65.94	0.53	25.12	-0.39	-12.21	0.35
41	66	-66.47	0.38	-25.12	-0.39	39.84	1.02
	67	66.47	-0.38	25.12	0.39	-12.20	-0.60
42	66	-1.08	0.88	-0.04	6.35	-0.03	1.01
	67	1.08	-0.88	0.04	-6.35	0.08	-0.05
43	66	-0.67	0.56	-0.04	3.25	-0.02	0.45
	67	0.67	-0.56	0.04	-3.25	0.06	0.16
44	66	-68.41	-0.26	-31.47	2.29	19.43	-0.62
	67	68.41	0.26	96.99	-2.29	51.22	0.34
45	66	-67.76	-0.79	-31.44	-1.52	19.45	-1.23
	67	67.76	0.79	96.96	1.52	51.17	0.37
46	66	-68.28	-0.36	-31.47	1.36	19.43	-0.79
	67	68.28	0.36	96.99	-1.36	51.22	0.40
47	66	-67.88	-0.69	-31.45	-0.59	19.44	-1.06
	67	67.88	0.69	96.96	0.59	51.18	0.30
48	66	63.48	0.80	18.77	1.52	-60.26	1.24
	67	-63.48	-0.80	46.74	-1.52	75.64	-0.35
49	66	64.13	0.28	18.80	-2.29	-60.24	0.63
	67	-64.13	-0.28	46.72	2.29	75.60	-0.33
50	66	63.60	0.71	18.77	0.59	-60.25	1.07
	67	-63.60	-0.71	46.74	-0.59	75.64	-0.29
51	66	64.00	0.37	18.80	-1.36	-60.24	0.80
	67	-64.00	-0.37	46.72	1.36	75.60	-0.39
52	66	-68.94	0.65	-31.47	1.51	19.42	1.32
	67	68.94	-0.65	96.99	-1.51	51.23	-0.60
53	66	-68.29	0.12	-31.44	-2.29	19.44	0.71
	67	68.29	-0.12	96.96	2.29	51.18	-0.58
54	66	-68.81	0.56	-31.47	0.58	19.43	1.15
	67	68.81	-0.56	96.99	-0.58	51.22	-0.54
55	66	-68.41	0.22	-31.45	-1.36	19.44	0.88
	67	68.41	-0.22	96.96	1.36	51.19	-0.64
56	66	64.01	-0.11	18.77	2.29	-60.25	-0.71
	67	-64.01	0.11	46.74	-2.29	75.64	0.59

57	66	64.66	-0.64	18.80	-1.51	-60.23	-1.32	
	67	-64.66	0.64	46.72	1.51	75.59	0.62	
58	66	64.13	-0.21	18.77	1.36	-60.25	-0.88	
	67	-64.13	0.21	46.74	-1.36	75.63	0.65	
59	66	64.53	-0.54	18.80	-0.58	-60.24	-1.15	
	67	-64.53	0.54	46.72	0.58	75.59	0.55	
60	66	-23.00	0.73	-13.92	6.46	-8.48	0.74	
	67	23.00	-0.73	79.43	-6.46	59.83	0.06	
61	66	16.56	1.05	1.16	6.23	-32.39	1.29	
	67	-16.56	-1.05	64.36	-6.23	67.15	-0.14	
62	66	-23.16	1.00	-13.92	6.23	-8.48	1.32	
	67	23.16	-1.00	79.43	-6.23	59.83	-0.22	
63	66	16.72	0.77	1.16	6.47	-32.39	0.71	
	67	-16.72	-0.77	64.36	-6.47	67.15	0.14	
64	66	-20.84	-1.03	-13.83	-6.23	-8.42	-1.29	
	67	20.84	1.03	79.34	6.23	59.67	0.16	
65	66	18.72	-0.71	1.24	-6.46	-32.33	-0.73	
	67	-18.72	0.71	64.27	6.46	66.99	-0.05	
66	66	-21.00	-0.76	-13.83	-6.47	-8.42	-0.71	
	67	21.00	0.76	79.34	6.47	59.67	-0.13	
67	66	18.88	-0.98	1.25	-6.23	-32.33	-1.31	
	67	-18.88	0.98	64.27	6.23	66.99	0.23	
68	66	-22.59	0.41	-13.91	3.36	-8.47	0.17	
	67	22.59	-0.41	79.43	-3.36	59.81	0.27	
69	66	16.98	0.73	1.16	3.13	-32.38	0.73	
	67	-16.98	-0.73	64.36	-3.13	67.13	0.07	
70	66	-22.75	0.68	-13.91	3.13	-8.47	0.76	
	67	22.75	-0.68	79.43	-3.13	59.81	-0.01	
71	66	17.13	0.45	1.16	3.37	-32.37	0.15	
	67	-17.13	-0.45	64.36	-3.37	67.13	0.35	
72	66	-21.26	-0.71	-13.83	-3.13	-8.44	-0.73	
	67	21.26	0.71	79.35	3.13	59.68	-0.05	
73	66	18.31	-0.39	1.24	-3.36	-32.34	-0.17	
	67	-18.31	0.39	64.28	3.36	67.01	-0.26	
74	66	-21.41	-0.44	-13.83	-3.37	-8.44	-0.14	
	67	21.41	0.44	79.35	3.37	59.69	-0.34	
75	66	18.47	-0.66	1.24	-3.13	-32.34	-0.75	
	67	-18.47	0.66	64.28	3.13	67.01	0.02	
91	1	67	-0.13	0.01	15.15	0.00	-50.48	-0.01
		68	0.13	-0.01	9.05	0.00	47.13	0.01
	2	67	-2.01	0.00	22.71	0.00	-12.93	0.00
		68	2.01	0.00	18.61	0.00	10.67	0.00
	3	67	-0.23	0.00	0.69	0.00	-2.96	0.00
		68	0.23	0.00	-0.69	0.00	2.20	0.00
	4	67	-0.08	0.00	1.01	0.00	-6.61	0.00
		68	0.08	0.00	-1.01	0.00	5.50	0.01
	5	67	-3.16	0.00	-0.99	0.00	1.22	0.01
		68	3.16	0.00	0.99	0.00	-0.13	-0.01
	6	67	3.31	0.00	0.57	0.00	-1.09	-0.01

	68	-3.31	0.00	-0.57	0.00	0.47	0.01
7	67	-0.03	0.14	-0.02	0.39	-0.03	0.15
	68	0.03	-0.14	0.02	-0.39	0.05	0.00
8	67	0.07	-0.14	-0.01	-0.39	-0.02	-0.15
	68	-0.07	0.14	0.01	0.39	0.03	0.00
9	67	-6.02	0.01	50.11	0.00	-90.73	-0.01
	68	6.02	-0.01	35.06	0.00	82.45	0.02
10	67	-0.20	0.02	51.51	0.00	-92.81	-0.02
	68	0.20	-0.02	33.66	0.00	82.99	0.04
11	67	-3.21	0.14	50.99	0.35	-91.86	0.12
	68	3.21	-0.14	34.18	-0.35	82.61	0.03
12	67	-3.12	-0.11	50.99	-0.35	-91.85	-0.15
	68	3.12	0.11	34.18	0.35	82.60	0.03
13	67	-5.74	0.01	49.84	0.00	-91.24	-0.01
	68	5.74	-0.01	35.33	0.00	83.27	0.02
14	67	0.08	0.02	51.24	0.00	-93.33	-0.02
	68	-0.08	-0.02	33.93	0.00	83.81	0.04
15	67	-2.92	0.14	50.71	0.35	-92.37	0.12
	68	2.92	-0.14	34.46	-0.35	83.43	0.03
16	67	-2.84	-0.11	50.72	-0.35	-92.36	-0.15
	68	2.84	0.11	34.45	0.35	83.41	0.03
17	67	-7.58	0.01	48.49	0.00	-85.56	0.00
	68	7.58	-0.01	36.68	0.00	79.06	0.01
18	67	2.13	0.02	50.82	0.00	-89.03	-0.02
	68	-2.13	-0.02	34.35	0.00	79.97	0.04
19	67	-2.89	0.23	49.94	0.58	-87.43	0.22
	68	2.89	-0.23	35.23	-0.58	79.34	0.03
20	67	-2.74	-0.20	49.96	-0.58	-87.42	-0.24
	68	2.74	0.20	35.21	0.58	79.31	0.02
21	67	-4.30	0.01	38.46	0.00	-68.94	-0.01
	68	4.30	-0.01	27.06	0.00	62.67	0.02
22	67	-0.42	0.01	39.39	0.00	-70.33	-0.01
	68	0.42	-0.01	26.13	0.00	63.04	0.03
23	67	-2.42	0.10	39.04	0.23	-69.69	0.08
	68	2.42	-0.10	26.48	-0.23	62.78	0.02
24	67	-2.36	-0.07	39.04	-0.23	-69.69	-0.10
	68	2.36	0.07	26.47	0.23	62.77	0.02
25	67	-4.11	0.01	38.27	0.00	-69.28	-0.01
	68	4.11	-0.01	27.24	0.00	63.22	0.02
26	67	-0.23	0.01	39.21	0.00	-70.67	-0.01
	68	0.23	-0.01	26.31	0.00	63.58	0.03
27	67	-2.23	0.10	38.85	0.23	-70.03	0.08
	68	2.23	-0.10	26.66	-0.23	63.33	0.02
28	67	-2.18	-0.07	38.86	-0.23	-70.03	-0.10
	68	2.18	0.07	26.66	0.23	63.32	0.02
29	67	-5.34	0.01	37.37	0.00	-65.49	0.00
	68	5.34	-0.01	28.14	0.00	60.41	0.01
30	67	1.13	0.01	38.93	0.00	-67.81	-0.01
	68	-1.13	-0.01	26.59	0.00	61.02	0.03
31	67	-2.21	0.15	38.34	0.39	-66.74	0.14

	68	2.21	-0.15	27.17	-0.39	60.60	0.02
32	67	-2.11	-0.13	38.35	-0.39	-66.73	-0.16
	68	2.11	0.13	27.16	0.39	60.58	0.02
33	67	-2.14	0.01	37.86	0.00	-63.41	-0.01
	68	2.14	-0.01	27.66	0.00	57.80	0.01
34	67	-2.16	0.01	38.06	0.00	-64.73	-0.01
	68	2.16	-0.01	27.46	0.00	58.90	0.02
35	67	-2.77	0.01	37.66	0.00	-63.16	0.00
	68	2.77	-0.01	27.86	0.00	57.77	0.01
36	67	-1.48	0.01	37.97	0.00	-63.63	-0.01
	68	1.48	-0.01	27.55	0.00	57.89	0.02
37	67	-2.15	0.04	37.85	0.08	-63.41	0.02
	68	2.15	-0.04	27.66	-0.08	57.81	0.02
38	67	-2.13	-0.02	37.86	-0.08	-63.41	-0.04
	68	2.13	0.02	27.66	0.08	57.81	0.01
39	67	-2.14	0.01	37.86	0.00	-63.41	-0.01
	68	2.14	-0.01	27.66	0.00	57.80	0.01
40	67	-65.94	-0.53	-24.61	0.39	12.21	-0.35
	68	65.94	0.53	24.61	-0.39	14.86	-0.24
41	67	-66.47	0.38	-24.61	-0.39	12.20	0.60
	68	66.47	-0.38	24.61	0.39	14.86	-0.18
42	67	-1.08	0.88	-0.05	6.35	-0.08	0.05
	68	1.08	-0.88	0.05	-6.35	0.13	0.92
43	67	-0.67	0.56	-0.04	3.25	-0.06	-0.16
	68	0.67	-0.56	0.04	-3.25	0.11	0.78
44	67	-68.41	-0.26	13.24	2.29	-51.22	-0.34
	68	68.41	0.26	52.28	-2.29	72.69	0.05
45	67	-67.76	-0.79	13.26	-1.52	-51.17	-0.37
	68	67.76	0.79	52.25	1.52	72.62	-0.50
46	67	-68.28	-0.36	13.24	1.36	-51.22	-0.40
	68	68.28	0.36	52.28	-1.36	72.69	0.01
47	67	-67.88	-0.69	13.26	-0.59	-51.18	-0.30
	68	67.88	0.69	52.25	0.59	72.62	-0.46
48	67	63.48	0.80	62.45	1.52	-75.64	0.35
	68	-63.48	-0.80	3.07	-1.52	42.98	0.53
49	67	64.13	0.28	62.48	-2.29	-75.60	0.33
	68	-64.13	-0.28	3.04	2.29	42.90	-0.02
50	67	63.60	0.71	62.45	0.59	-75.64	0.29
	68	-63.60	-0.71	3.06	-0.59	42.98	0.49
51	67	64.00	0.37	62.48	-1.36	-75.60	0.39
	68	-64.00	-0.37	3.04	1.36	42.91	0.02
52	67	-68.94	0.65	13.24	1.51	-51.23	0.60
	68	68.94	-0.65	52.28	-1.51	72.70	0.11
53	67	-68.29	0.12	13.26	-2.29	-51.18	0.58
	68	68.29	-0.12	52.25	2.29	72.63	-0.44
54	67	-68.81	0.56	13.24	0.58	-51.22	0.54
	68	68.81	-0.56	52.28	-0.58	72.70	0.07
55	67	-68.41	0.22	13.26	-1.36	-51.19	0.64
	68	68.41	-0.22	52.25	1.36	72.63	-0.40
56	67	64.01	-0.11	62.45	2.29	-75.64	-0.59

	68	-64.01	0.11	3.06	-2.29	42.97	0.47	
57	67	64.66	-0.64	62.48	-1.51	-75.59	-0.62	
	68	-64.66	0.64	3.04	1.51	42.90	-0.08	
58	67	64.13	-0.21	62.45	1.36	-75.63	-0.65	
	68	-64.13	0.21	3.06	-1.36	42.97	0.43	
59	67	64.53	-0.54	62.48	-0.58	-75.59	-0.55	
	68	-64.53	0.54	3.04	0.58	42.90	-0.04	
60	67	-23.00	0.73	30.43	6.46	-59.83	-0.06	
	68	23.00	-0.73	35.09	-6.46	62.39	0.86	
61	67	16.56	1.05	45.19	6.23	-67.15	0.14	
	68	-16.56	-1.05	20.32	-6.23	53.47	1.01	
62	67	-23.16	1.00	30.43	6.23	-59.83	0.22	
	68	23.16	-1.00	35.09	-6.23	62.39	0.88	
63	67	16.72	0.77	45.19	6.47	-67.15	-0.14	
	68	-16.72	-0.77	20.32	-6.47	53.47	0.99	
64	67	-20.84	-1.03	30.52	-6.23	-59.67	-0.16	
	68	20.84	1.03	35.00	6.23	62.13	-0.98	
65	67	18.72	-0.71	45.28	-6.46	-66.99	0.05	
	68	-18.72	0.71	20.23	6.46	53.21	-0.83	
66	67	-21.00	-0.76	30.52	-6.47	-59.67	0.13	
	68	21.00	0.76	35.00	6.47	62.13	-0.96	
67	67	18.88	-0.98	45.28	-6.23	-66.99	-0.23	
	68	-18.88	0.98	20.23	6.23	53.21	-0.85	
68	67	-22.59	0.41	30.43	3.36	-59.81	-0.27	
	68	22.59	-0.41	35.08	-3.36	62.36	0.72	
69	67	16.98	0.73	45.20	3.13	-67.13	-0.07	
	68	-16.98	-0.73	20.32	-3.13	53.45	0.86	
70	67	-22.75	0.68	30.43	3.13	-59.81	0.01	
	68	22.75	-0.68	35.08	-3.13	62.36	0.74	
71	67	17.13	0.45	45.20	3.37	-67.13	-0.35	
	68	-17.13	-0.45	20.32	-3.37	53.45	0.85	
72	67	-21.26	-0.71	30.52	-3.13	-59.68	0.05	
	68	21.26	0.71	35.00	3.13	62.15	-0.83	
73	67	18.31	-0.39	45.28	-3.36	-67.01	0.26	
	68	-18.31	0.39	20.24	3.36	53.24	-0.69	
74	67	-21.41	-0.44	30.52	-3.37	-59.69	0.34	
	68	21.41	0.44	35.00	3.37	62.15	-0.82	
75	67	18.47	-0.66	45.28	-3.13	-67.01	-0.02	
	68	-18.47	0.66	20.24	3.13	53.23	-0.71	
92	1	68	-0.13	0.01	48.47	0.00	-47.13	-0.01
		69	0.13	-0.01	-24.27	0.00	7.13	0.02
	2	68	-2.01	0.00	33.81	0.00	-10.67	0.00
		69	2.01	0.00	7.50	0.00	-3.80	0.01
	3	68	-0.23	0.00	3.15	0.00	-2.20	0.00
		69	0.23	0.00	-3.15	0.00	-1.26	0.01
	4	68	-0.08	0.00	5.48	0.00	-5.50	-0.01
		69	0.08	0.00	-5.48	0.00	-0.53	0.01
	5	68	-3.16	0.00	-0.94	0.00	0.13	0.01
		69	3.16	0.00	0.94	0.00	0.90	-0.02

6	68	3.31	0.00	0.46	0.00	-0.47	-0.01
	69	-3.31	0.00	-0.46	0.00	-0.03	0.02
7	68	-0.03	0.14	-0.06	0.39	-0.05	0.00
	69	0.03	-0.14	0.06	-0.39	0.11	0.16
8	68	0.07	-0.14	-0.05	-0.39	-0.03	0.00
	69	-0.07	0.14	0.05	0.39	0.08	-0.16
9	68	-6.02	0.01	114.95	0.00	-82.45	-0.02
	69	6.02	-0.01	-29.78	0.00	2.85	0.03
10	68	-0.20	0.02	116.20	0.00	-82.99	-0.04
	69	0.20	-0.02	-31.03	0.00	2.01	0.06
11	68	-3.21	0.14	115.74	0.35	-82.61	-0.03
	69	3.21	-0.14	-30.57	-0.35	2.14	0.19
12	68	-3.12	-0.11	115.75	-0.35	-82.60	-0.03
	69	3.12	0.11	-30.58	0.35	2.12	-0.10
13	68	-5.74	0.01	114.34	0.00	-83.27	-0.02
	69	5.74	-0.01	-29.16	0.00	4.34	0.03
14	68	0.08	0.02	115.59	0.00	-83.81	-0.04
	69	-0.08	-0.02	-30.42	0.00	3.50	0.06
15	68	-2.92	0.14	115.13	0.35	-83.43	-0.03
	69	2.92	-0.14	-29.96	-0.35	3.63	0.19
16	68	-2.84	-0.11	115.14	-0.35	-83.41	-0.03
	69	2.84	0.11	-29.97	0.35	3.61	-0.10
17	68	-7.58	0.01	109.66	0.00	-79.06	-0.01
	69	7.58	-0.01	-24.49	0.00	5.28	0.02
18	68	2.13	0.02	111.75	0.00	-79.97	-0.04
	69	-2.13	-0.02	-26.58	0.00	3.88	0.06
19	68	-2.89	0.23	110.98	0.58	-79.34	-0.03
	69	2.89	-0.23	-25.81	-0.58	4.10	0.28
20	68	-2.74	-0.20	111.00	-0.58	-79.31	-0.02
	69	2.74	0.20	-25.83	0.58	4.06	-0.20
21	68	-4.30	0.01	87.60	0.00	-62.67	-0.02
	69	4.30	-0.01	-22.09	0.00	2.34	0.03
22	68	-0.42	0.01	88.44	0.00	-63.04	-0.03
	69	0.42	-0.01	-22.92	0.00	1.78	0.05
23	68	-2.42	0.10	88.13	0.23	-62.78	-0.02
	69	2.42	-0.10	-22.62	-0.23	1.87	0.13
24	68	-2.36	-0.07	88.14	-0.23	-62.77	-0.02
	69	2.36	0.07	-22.62	0.23	1.85	-0.06
25	68	-4.11	0.01	87.19	0.00	-63.22	-0.02
	69	4.11	-0.01	-21.68	0.00	3.34	0.03
26	68	-0.23	0.01	88.03	0.00	-63.58	-0.03
	69	0.23	-0.01	-22.52	0.00	2.78	0.05
27	68	-2.23	0.10	87.72	0.23	-63.33	-0.02
	69	2.23	-0.10	-22.21	-0.23	2.87	0.13
28	68	-2.18	-0.07	87.73	-0.23	-63.32	-0.02
	69	2.18	0.07	-22.21	0.23	2.85	-0.06
29	68	-5.34	0.01	84.08	0.00	-60.41	-0.01
	69	5.34	-0.01	-18.56	0.00	3.96	0.01
30	68	1.13	0.01	85.47	0.00	-61.02	-0.03
	69	-1.13	-0.01	-19.96	0.00	3.03	0.05

31	68	-2.21	0.15	84.96	0.39	-60.60	-0.02
	69	2.21	-0.15	-19.44	-0.39	3.18	0.19
32	68	-2.11	-0.13	84.97	-0.39	-60.58	-0.02
	69	2.11	0.13	-19.45	0.39	3.15	-0.13
33	68	-2.14	0.01	82.28	0.00	-57.80	-0.01
	69	2.14	-0.01	-16.76	0.00	3.33	0.02
34	68	-2.16	0.01	83.37	0.00	-58.90	-0.02
	69	2.16	-0.01	-17.86	0.00	3.22	0.03
35	68	-2.77	0.01	82.09	0.00	-57.77	-0.01
	69	2.77	-0.01	-16.57	0.00	3.51	0.02
36	68	-1.48	0.01	82.37	0.00	-57.89	-0.02
	69	1.48	-0.01	-16.85	0.00	3.32	0.03
37	68	-2.15	0.04	82.27	0.08	-57.81	-0.02
	69	2.15	-0.04	-16.75	-0.08	3.35	0.06
38	68	-2.13	-0.02	82.27	-0.08	-57.81	-0.01
	69	2.13	0.02	-16.75	0.08	3.34	-0.01
39	68	-2.14	0.01	82.28	0.00	-57.80	-0.01
	69	2.14	-0.01	-16.76	0.00	3.33	0.02
40	68	-65.94	-0.53	-24.01	0.39	-14.86	0.24
	69	65.94	0.53	24.01	-0.39	41.26	-0.82
41	68	-66.47	0.38	-24.01	-0.39	-14.86	0.18
	69	66.47	-0.38	24.01	0.39	41.27	0.24
42	68	-1.08	0.88	-0.05	6.35	-0.13	-0.92
	69	1.08	-0.88	0.05	-6.35	0.18	1.89
43	68	-0.67	0.56	-0.04	3.25	-0.11	-0.78
	69	0.67	-0.56	0.04	-3.25	0.15	1.39
44	68	-68.41	-0.26	58.26	2.29	-72.69	-0.05
	69	68.41	0.26	7.26	-2.29	44.64	-0.23
45	68	-67.76	-0.79	58.29	-1.52	-72.62	0.50
	69	67.76	0.79	7.23	1.52	44.54	-1.36
46	68	-68.28	-0.36	58.26	1.36	-72.69	-0.01
	69	68.28	0.36	7.26	-1.36	44.64	-0.38
47	68	-67.88	-0.69	58.28	-0.59	-72.62	0.46
	69	67.88	0.69	7.23	0.59	44.54	-1.22
48	68	63.48	0.80	106.27	1.52	-42.98	-0.53
	69	-63.48	-0.80	-40.75	-1.52	-37.88	1.41
49	68	64.13	0.28	106.30	-2.29	-42.90	0.02
	69	-64.13	-0.28	-40.78	2.29	-37.99	0.28
50	68	63.60	0.71	106.27	0.59	-42.98	-0.49
	69	-63.60	-0.71	-40.76	-0.59	-37.89	1.26
51	68	64.00	0.37	106.30	-1.36	-42.91	-0.02
	69	-64.00	-0.37	-40.78	1.36	-37.98	0.43
52	68	-68.94	0.65	58.26	1.51	-72.70	-0.11
	69	68.94	-0.65	7.26	-1.51	44.65	0.83
53	68	-68.29	0.12	58.28	-2.29	-72.63	0.44
	69	68.29	-0.12	7.23	2.29	44.55	-0.30
54	68	-68.81	0.56	58.26	0.58	-72.70	-0.07
	69	68.81	-0.56	7.26	-0.58	44.65	0.68
55	68	-68.41	0.22	58.28	-1.36	-72.63	0.40
	69	68.41	-0.22	7.23	1.36	44.56	-0.15

56	68	64.01	-0.11	106.27	2.29	-42.97	-0.47	
	69	-64.01	0.11	-40.76	-2.29	-37.89	0.35	
57	68	64.66	-0.64	106.30	-1.51	-42.90	0.08	
	69	-64.66	0.64	-40.78	1.51	-38.00	-0.78	
58	68	64.13	-0.21	106.27	1.36	-42.97	-0.43	
	69	-64.13	0.21	-40.76	-1.36	-37.90	0.20	
59	68	64.53	-0.54	106.30	-0.58	-42.90	0.04	
	69	-64.53	0.54	-40.78	0.58	-37.99	-0.63	
60	68	-23.00	0.73	75.03	6.46	-62.39	-0.86	
	69	23.00	-0.73	-9.51	-6.46	15.89	1.66	
61	68	16.56	1.05	89.43	6.23	-53.47	-1.01	
	69	-16.56	-1.05	-23.92	-6.23	-8.87	2.16	
62	68	-23.16	1.00	75.03	6.23	-62.39	-0.88	
	69	23.16	-1.00	-9.51	-6.23	15.89	1.98	
63	68	16.72	0.77	89.43	6.47	-53.47	-0.99	
	69	-16.72	-0.77	-23.92	-6.47	-8.87	1.84	
64	68	-20.84	-1.03	75.12	-6.23	-62.13	0.98	
	69	20.84	1.03	-9.61	6.23	15.53	-2.11	
65	68	18.72	-0.71	89.53	-6.46	-53.21	0.83	
	69	-18.72	0.71	-24.01	6.46	-9.23	-1.62	
66	68	-21.00	-0.76	75.12	-6.47	-62.13	0.96	
	69	21.00	0.76	-9.61	6.47	15.53	-1.79	
67	68	18.88	-0.98	89.53	-6.23	-53.21	0.85	
	69	-18.88	0.98	-24.01	6.23	-9.24	-1.94	
68	68	-22.59	0.41	75.04	3.36	-62.36	-0.72	
	69	22.59	-0.41	-9.52	-3.36	15.86	1.17	
69	68	16.98	0.73	89.44	3.13	-53.45	-0.86	
	69	-16.98	-0.73	-23.92	-3.13	-8.90	1.66	
70	68	-22.75	0.68	75.03	3.13	-62.36	-0.74	
	69	22.75	-0.68	-9.52	-3.13	15.86	1.49	
71	68	17.13	0.45	89.44	3.37	-53.45	-0.85	
	69	-17.13	-0.45	-23.92	-3.37	-8.90	1.34	
72	68	-21.26	-0.71	75.12	-3.13	-62.15	0.83	
	69	21.26	0.71	-9.60	3.13	15.56	-1.61	
73	68	18.31	-0.39	89.52	-3.36	-53.24	0.69	
	69	-18.31	0.39	-24.01	3.36	-9.20	-1.12	
74	68	-21.41	-0.44	75.12	-3.37	-62.15	0.82	
	69	21.41	0.44	-9.60	3.37	15.56	-1.30	
75	68	18.47	-0.66	89.52	-3.13	-53.23	0.71	
	69	-18.47	0.66	-24.01	3.13	-9.21	-1.44	
93	1	69	-0.13	0.01	82.23	0.00	-7.13	-0.02
		70	0.13	-0.01	-58.03	0.00	-70.02	0.02
	2	69	-2.01	0.00	44.93	0.00	3.80	-0.01
		70	2.01	0.00	-3.62	0.00	-30.50	0.01
	3	69	-0.23	0.00	5.63	0.00	1.26	-0.01
		70	0.23	0.00	-5.63	0.00	-7.45	0.01
	4	69	-0.08	0.00	10.02	0.00	0.53	-0.01
		70	0.08	0.00	-10.02	0.00	-11.55	0.01
	5	69	-3.16	0.00	-0.88	0.00	-0.90	0.02

	70	3.16	0.00	0.88	0.00	1.87	-0.02
6	69	3.31	0.00	0.32	0.00	0.03	-0.02
	70	-3.31	0.00	-0.32	0.00	-0.39	0.02
7	69	-0.03	0.14	-0.10	0.39	-0.11	-0.16
	70	0.03	-0.14	0.10	-0.39	0.22	0.32
8	69	0.07	-0.14	-0.09	-0.39	-0.08	0.16
	70	-0.07	0.14	0.09	0.39	0.18	-0.32
9	69	-6.02	0.01	180.49	0.00	-2.85	-0.03
	70	6.02	-0.01	-95.32	0.00	-148.84	0.05
10	69	-0.20	0.02	181.57	0.00	-2.01	-0.06
	70	0.20	-0.02	-96.40	0.00	-150.87	0.08
11	69	-3.21	0.14	181.19	0.35	-2.14	-0.19
	70	3.21	-0.14	-96.02	-0.35	-150.32	0.35
12	69	-3.12	-0.11	181.20	-0.35	-2.12	0.10
	70	3.12	0.11	-96.03	0.35	-150.36	-0.22
13	69	-5.74	0.01	179.55	0.00	-4.34	-0.03
	70	5.74	-0.01	-94.38	0.00	-146.32	0.05
14	69	0.08	0.02	180.64	0.00	-3.50	-0.06
	70	-0.08	-0.02	-95.46	0.00	-148.35	0.08
15	69	-2.92	0.14	180.26	0.35	-3.63	-0.19
	70	2.92	-0.14	-95.08	-0.35	-147.80	0.35
16	69	-2.84	-0.11	180.26	-0.35	-3.61	0.10
	70	2.84	0.11	-95.09	0.35	-147.84	-0.22
17	69	-7.58	0.01	171.51	0.00	-5.28	-0.02
	70	7.58	-0.01	-86.34	0.00	-136.54	0.02
18	69	2.13	0.02	173.32	0.00	-3.88	-0.06
	70	-2.13	-0.02	-88.15	0.00	-139.92	0.09
19	69	-2.89	0.23	172.68	0.58	-4.10	-0.28
	70	2.89	-0.23	-87.51	-0.58	-139.01	0.53
20	69	-2.74	-0.20	172.70	-0.58	-4.06	0.20
	70	2.74	0.20	-87.52	0.58	-139.07	-0.42
21	69	-4.30	0.01	137.28	0.00	-2.34	-0.03
	70	4.30	-0.01	-71.76	0.00	-112.63	0.04
22	69	-0.42	0.01	138.00	0.00	-1.78	-0.05
	70	0.42	-0.01	-72.49	0.00	-113.98	0.06
23	69	-2.42	0.10	137.75	0.23	-1.87	-0.13
	70	2.42	-0.10	-72.23	-0.23	-113.62	0.24
24	69	-2.36	-0.07	137.75	-0.23	-1.85	0.06
	70	2.36	0.07	-72.24	0.23	-113.64	-0.14
25	69	-4.11	0.01	136.66	0.00	-3.34	-0.03
	70	4.11	-0.01	-71.14	0.00	-110.95	0.04
26	69	-0.23	0.01	137.38	0.00	-2.78	-0.05
	70	0.23	-0.01	-71.86	0.00	-112.30	0.06
27	69	-2.23	0.10	137.13	0.23	-2.87	-0.13
	70	2.23	-0.10	-71.61	-0.23	-111.94	0.24
28	69	-2.18	-0.07	137.13	-0.23	-2.85	0.06
	70	2.18	0.07	-71.61	0.23	-111.96	-0.14
29	69	-5.34	0.01	131.30	0.00	-3.96	-0.01
	70	5.34	-0.01	-65.78	0.00	-104.43	0.02
30	69	1.13	0.01	132.50	0.00	-3.03	-0.05

	70	-1.13	-0.01	-66.98	0.00	-106.68	0.06
31	69	-2.21	0.15	132.08	0.39	-3.18	-0.19
	70	2.21	-0.15	-66.56	-0.39	-106.07	0.36
32	69	-2.11	-0.13	132.09	-0.39	-3.15	0.13
	70	2.11	0.13	-66.57	0.39	-106.11	-0.28
33	69	-2.14	0.01	127.17	0.00	-3.33	-0.02
	70	2.14	-0.01	-61.65	0.00	-100.52	0.03
34	69	-2.16	0.01	129.17	0.00	-3.22	-0.03
	70	2.16	-0.01	-63.66	0.00	-102.83	0.04
35	69	-2.77	0.01	126.99	0.00	-3.51	-0.02
	70	2.77	-0.01	-61.48	0.00	-100.15	0.03
36	69	-1.48	0.01	127.23	0.00	-3.32	-0.03
	70	1.48	-0.01	-61.72	0.00	-100.60	0.04
37	69	-2.15	0.04	127.15	0.08	-3.35	-0.06
	70	2.15	-0.04	-61.63	-0.08	-100.48	0.10
38	69	-2.13	-0.02	127.15	-0.08	-3.34	0.01
	70	2.13	0.02	-61.63	0.08	-100.49	-0.03
39	69	-2.14	0.01	127.17	0.00	-3.33	-0.02
	70	2.14	-0.01	-61.65	0.00	-100.52	0.03
40	69	-65.94	-0.53	-23.24	0.39	-41.26	0.82
	70	65.94	0.53	23.24	-0.39	66.82	-1.41
41	69	-66.47	0.38	-23.24	-0.39	-41.27	-0.24
	70	66.47	-0.38	23.24	0.39	66.84	0.66
42	69	-1.08	0.88	-0.05	6.35	-0.18	-1.89
	70	1.08	-0.88	0.05	-6.35	0.23	2.85
43	69	-0.67	0.56	-0.04	3.25	-0.15	-1.39
	70	0.67	-0.56	0.04	-3.25	0.20	2.00
44	69	-68.41	-0.26	103.92	2.29	-44.64	0.23
	70	68.41	0.26	-38.40	-2.29	-33.63	-0.52
45	69	-67.76	-0.79	103.94	-1.52	-44.54	1.36
	70	67.76	0.79	-38.43	1.52	-33.77	-2.23
46	69	-68.28	-0.36	103.92	1.36	-44.64	0.38
	70	68.28	0.36	-38.40	-1.36	-33.64	-0.77
47	69	-67.88	-0.69	103.94	-0.59	-44.54	1.22
	70	67.88	0.69	-38.43	0.59	-33.76	-1.98
48	69	63.48	0.80	150.39	1.52	37.88	-1.41
	70	-63.48	-0.80	-84.88	-1.52	-167.28	2.30
49	69	64.13	0.28	150.42	-2.29	37.99	-0.28
	70	-64.13	-0.28	-84.90	2.29	-167.42	0.58
50	69	63.60	0.71	150.39	0.59	37.89	-1.26
	70	-63.60	-0.71	-84.88	-0.59	-167.29	2.04
51	69	64.00	0.37	150.42	-1.36	37.98	-0.43
	70	-64.00	-0.37	-84.90	1.36	-167.41	0.84
52	69	-68.94	0.65	103.92	1.51	-44.65	-0.83
	70	68.94	-0.65	-38.40	-1.51	-33.62	1.55
53	69	-68.29	0.12	103.94	-2.29	-44.55	0.30
	70	68.29	-0.12	-38.43	2.29	-33.76	-0.16
54	69	-68.81	0.56	103.92	0.58	-44.65	-0.68
	70	68.81	-0.56	-38.40	-0.58	-33.63	1.29
55	69	-68.41	0.22	103.94	-1.36	-44.56	0.15

		70	68.41	-0.22	-38.42	1.36	-33.75	0.09
56		69	64.01	-0.11	150.39	2.29	37.89	-0.35
		70	-64.01	0.11	-84.88	-2.29	-167.29	0.23
57		69	64.66	-0.64	150.42	-1.51	38.00	0.78
		70	-64.66	0.64	-84.90	1.51	-167.43	-1.48
58		69	64.13	-0.21	150.39	1.36	37.90	-0.20
		70	-64.13	0.21	-84.88	-1.36	-167.30	-0.02
59		69	64.53	-0.54	150.42	-0.58	37.99	0.63
		70	-64.53	0.54	-84.90	0.58	-167.42	-1.23
60		69	-23.00	0.73	120.15	6.46	-15.89	-1.66
		70	23.00	-0.73	-54.64	-6.46	-80.25	2.46
61		69	16.56	1.05	134.09	6.23	8.87	-2.16
		70	-16.56	-1.05	-68.58	-6.23	-120.34	3.31
62		69	-23.16	1.00	120.15	6.23	-15.89	-1.98
		70	23.16	-1.00	-54.63	-6.23	-80.24	3.08
63		69	16.72	0.77	134.09	6.47	8.87	-1.84
		70	-16.72	-0.77	-68.58	-6.47	-120.34	2.69
64		69	-20.84	-1.03	120.24	-6.23	-15.53	2.11
		70	20.84	1.03	-54.73	6.23	-80.71	-3.24
65		69	18.72	-0.71	134.18	-6.46	9.23	1.62
		70	-18.72	0.71	-68.67	6.46	-120.80	-2.40
66		69	-21.00	-0.76	120.24	-6.47	-15.53	1.79
		70	21.00	0.76	-54.72	6.47	-80.70	-2.62
67		69	18.88	-0.98	134.18	-6.23	9.24	1.94
		70	-18.88	0.98	-68.67	6.23	-120.80	-3.02
68		69	-22.59	0.41	120.16	3.36	-15.86	-1.17
		70	22.59	-0.41	-54.64	-3.36	-80.28	1.62
69		69	16.98	0.73	134.10	3.13	8.90	-1.66
		70	-16.98	-0.73	-68.58	-3.13	-120.37	2.46
70		69	-22.75	0.68	120.16	3.13	-15.86	-1.49
		70	22.75	-0.68	-54.64	-3.13	-80.28	2.24
71		69	17.13	0.45	134.10	3.37	8.90	-1.34
		70	-17.13	-0.45	-68.58	-3.37	-120.38	1.84
72		69	-21.26	-0.71	120.24	-3.13	-15.56	1.61
		70	21.26	0.71	-54.72	3.13	-80.67	-2.39
73		69	18.31	-0.39	134.18	-3.36	9.20	1.12
		70	-18.31	0.39	-68.66	3.36	-120.77	-1.55
74		69	-21.41	-0.44	120.24	-3.37	-15.56	1.30
		70	21.41	0.44	-54.72	3.37	-80.67	-1.77
75		69	18.47	-0.66	134.18	-3.13	9.21	1.44
		70	-18.47	0.66	-68.66	3.13	-120.77	-2.17
94	1	70	-0.13	0.01	116.44	0.00	70.02	-0.02
		9	0.13	-0.01	-94.44	0.00	-175.46	0.03
	2	70	-2.01	0.00	56.02	0.00	30.50	-0.01
		9	2.01	0.00	-18.46	0.00	-67.75	0.01
	3	70	-0.23	0.00	8.13	0.00	7.45	-0.01
		9	0.23	0.00	-8.13	0.00	-15.58	0.01
	4	70	-0.08	0.00	14.61	0.00	11.55	-0.01
		9	0.08	0.00	-14.61	0.00	-26.16	0.02

5	70	-3.16	0.00	-0.80	0.00	-1.87	0.02
	9	3.16	0.00	0.80	0.00	2.67	-0.02
6	70	3.31	0.00	0.17	0.00	0.39	-0.02
	9	-3.31	0.00	-0.17	0.00	-0.56	0.03
7	70	-0.03	0.14	-0.14	0.39	-0.22	-0.32
	9	0.03	-0.14	0.14	-0.39	0.36	0.46
8	70	0.07	-0.14	-0.13	-0.39	-0.18	0.32
	9	-0.07	0.14	0.13	0.39	0.31	-0.46
9	70	-6.02	0.01	246.64	0.00	148.84	-0.05
	9	6.02	-0.01	-169.21	0.00	-356.77	0.06
10	70	-0.20	0.02	247.51	0.00	150.87	-0.08
	9	0.20	-0.02	-170.09	0.00	-359.67	0.10
11	70	-3.21	0.14	247.24	0.35	150.32	-0.35
	9	3.21	-0.14	-169.81	-0.35	-358.84	0.49
12	70	-3.12	-0.11	247.24	-0.35	150.36	0.22
	9	3.12	0.11	-169.81	0.35	-358.89	-0.33
13	70	-5.74	0.01	245.41	0.00	146.32	-0.05
	9	5.74	-0.01	-167.98	0.00	-353.01	0.06
14	70	0.08	0.02	246.28	0.00	148.35	-0.08
	9	-0.08	-0.02	-168.85	0.00	-355.92	0.10
15	70	-2.92	0.14	246.00	0.35	147.80	-0.35
	9	2.92	-0.14	-168.57	-0.35	-355.09	0.49
16	70	-2.84	-0.11	246.01	-0.35	147.84	0.22
	9	2.84	0.11	-168.58	0.35	-355.13	-0.33
17	70	-7.58	0.01	233.97	0.00	136.54	-0.02
	9	7.58	-0.01	-156.54	0.00	-331.79	0.03
18	70	2.13	0.02	235.42	0.00	139.92	-0.09
	9	-2.13	-0.02	-158.00	0.00	-336.63	0.11
19	70	-2.89	0.23	234.96	0.58	139.01	-0.53
	9	2.89	-0.23	-157.53	-0.58	-335.25	0.75
20	70	-2.74	-0.20	234.97	-0.58	139.07	0.42
	9	2.74	0.20	-157.54	0.58	-335.32	-0.62
21	70	-4.30	0.01	187.42	0.00	112.63	-0.04
	9	4.30	-0.01	-127.86	0.00	-270.27	0.05
22	70	-0.42	0.01	188.01	0.00	113.98	-0.06
	9	0.42	-0.01	-128.45	0.00	-272.21	0.08
23	70	-2.42	0.10	187.82	0.23	113.62	-0.24
	9	2.42	-0.10	-128.26	-0.23	-271.66	0.33
24	70	-2.36	-0.07	187.82	-0.23	113.64	0.14
	9	2.36	0.07	-128.26	0.23	-271.69	-0.22
25	70	-4.11	0.01	186.60	0.00	110.95	-0.04
	9	4.11	-0.01	-127.04	0.00	-267.77	0.04
26	70	-0.23	0.01	187.18	0.00	112.30	-0.06
	9	0.23	-0.01	-127.62	0.00	-269.71	0.07
27	70	-2.23	0.10	186.99	0.23	111.94	-0.24
	9	2.23	-0.10	-127.43	-0.23	-269.15	0.33
28	70	-2.18	-0.07	187.00	-0.23	111.96	0.14
	9	2.18	0.07	-127.44	0.23	-269.18	-0.22
29	70	-5.34	0.01	178.97	0.00	104.43	-0.02
	9	5.34	-0.01	-119.41	0.00	-253.62	0.03

30	70	1.13	0.01	179.94	0.00	106.68	-0.06
	9	-1.13	-0.01	-120.38	0.00	-256.85	0.08
31	70	-2.21	0.15	179.63	0.39	106.07	-0.36
	9	2.21	-0.15	-120.07	-0.39	-255.93	0.51
32	70	-2.11	-0.13	179.64	-0.39	106.11	0.28
	9	2.11	0.13	-120.08	0.39	-255.98	-0.41
33	70	-2.14	0.01	172.47	0.00	100.52	-0.03
	9	2.14	-0.01	-112.91	0.00	-243.21	0.04
34	70	-2.16	0.01	175.39	0.00	102.83	-0.04
	9	2.16	-0.01	-115.83	0.00	-248.44	0.04
35	70	-2.77	0.01	172.31	0.00	100.15	-0.03
	9	2.77	-0.01	-112.75	0.00	-242.68	0.04
36	70	-1.48	0.01	172.50	0.00	100.60	-0.04
	9	1.48	-0.01	-112.94	0.00	-243.32	0.05
37	70	-2.15	0.04	172.44	0.08	100.48	-0.10
	9	2.15	-0.04	-112.88	-0.08	-243.14	0.13
38	70	-2.13	-0.02	172.44	-0.08	100.49	0.03
	9	2.13	0.02	-112.88	0.08	-243.15	-0.05
39	70	-2.14	0.01	172.47	0.00	100.52	-0.03
	9	2.14	-0.01	-112.91	0.00	-243.21	0.04
40	70	-65.94	-0.53	-22.08	0.39	-66.82	1.41
	9	65.94	0.53	22.08	-0.39	88.90	-1.94
41	70	-66.47	0.38	-22.08	-0.39	-66.84	-0.66
	9	66.47	-0.38	22.08	0.39	88.91	1.04
42	70	-1.08	0.88	-0.04	6.35	-0.23	-2.85
	9	1.08	-0.88	0.04	-6.35	0.27	3.73
43	70	-0.67	0.56	-0.04	3.25	-0.20	-2.00
	9	0.67	-0.56	0.04	-3.25	0.23	2.56
44	70	-68.41	-0.26	150.38	2.29	33.63	0.52
	9	68.41	0.26	-90.82	-2.29	-154.23	-0.78
45	70	-67.76	-0.79	150.40	-1.52	33.77	2.23
	9	67.76	0.79	-90.84	1.52	-154.39	-3.02
46	70	-68.28	-0.36	150.38	1.36	33.64	0.77
	9	68.28	0.36	-90.82	-1.36	-154.24	-1.13
47	70	-67.88	-0.69	150.40	-0.59	33.76	1.98
	9	67.88	0.69	-90.84	0.59	-154.38	-2.67
48	70	63.48	0.80	194.53	1.52	167.28	-2.30
	9	-63.48	-0.80	-134.97	-1.52	-332.03	3.10
49	70	64.13	0.28	194.55	-2.29	167.42	-0.58
	9	-64.13	-0.28	-134.99	2.29	-332.19	0.86
50	70	63.60	0.71	194.53	0.59	167.29	-2.04
	9	-63.60	-0.71	-134.97	-0.59	-332.04	2.75
51	70	64.00	0.37	194.55	-1.36	167.41	-0.84
	9	-64.00	-0.37	-134.99	1.36	-332.18	1.21
52	70	-68.94	0.65	150.38	1.51	33.62	-1.55
	9	68.94	-0.65	-90.82	-1.51	-154.21	2.20
53	70	-68.29	0.12	150.40	-2.29	33.76	0.16
	9	68.29	-0.12	-90.84	2.29	-154.38	-0.04
54	70	-68.81	0.56	150.38	0.58	33.63	-1.29
	9	68.81	-0.56	-90.82	-0.58	-154.23	1.85

	55	70	-68.41	0.22	150.40	-1.36	33.75	-0.09
		9	68.41	-0.22	-90.84	1.36	-154.37	0.31
	56	70	64.01	-0.11	194.53	2.29	167.29	-0.23
		9	-64.01	0.11	-134.97	-2.29	-332.04	0.12
	57	70	64.66	-0.64	194.55	-1.51	167.43	1.48
		9	-64.66	0.64	-134.99	1.51	-332.20	-2.12
	58	70	64.13	-0.21	194.53	1.36	167.30	0.02
		9	-64.13	0.21	-134.97	-1.36	-332.05	-0.23
	59	70	64.53	-0.54	194.55	-0.58	167.42	1.23
		9	-64.53	0.54	-134.99	0.58	-332.19	-1.77
	60	70	-23.00	0.73	165.80	6.46	80.25	-2.46
		9	23.00	-0.73	-106.24	-6.46	-216.27	3.19
	61	70	16.56	1.05	179.05	6.23	120.34	-3.31
		9	-16.56	-1.05	-119.49	-6.23	-269.61	4.35
	62	70	-23.16	1.00	165.80	6.23	80.24	-3.08
		9	23.16	-1.00	-106.24	-6.23	-216.26	4.08
	63	70	16.72	0.77	179.05	6.47	120.34	-2.69
		9	-16.72	-0.77	-119.49	-6.47	-269.61	3.46
	64	70	-20.84	-1.03	165.88	-6.23	80.71	3.24
		9	20.84	1.03	-106.32	6.23	-216.81	-4.27
	65	70	18.72	-0.71	179.13	-6.46	120.80	2.40
		9	-18.72	0.71	-119.57	6.46	-270.15	-3.11
	66	70	-21.00	-0.76	165.88	-6.47	80.70	2.62
		9	21.00	0.76	-106.32	6.47	-216.81	-3.38
	67	70	18.88	-0.98	179.13	-6.23	120.80	3.02
		9	-18.88	0.98	-119.57	6.23	-270.15	-4.00
	68	70	-22.59	0.41	165.80	3.36	80.28	-1.62
		9	22.59	-0.41	-106.24	-3.36	-216.30	2.02
	69	70	16.98	0.73	179.05	3.13	120.37	-2.46
		9	-16.98	-0.73	-119.49	-3.13	-269.64	3.18
	70	70	-22.75	0.68	165.80	3.13	80.28	-2.24
		9	22.75	-0.68	-106.24	-3.13	-216.30	2.92
	71	70	17.13	0.45	179.05	3.37	120.38	-1.84
		9	-17.13	-0.45	-119.49	-3.37	-269.65	2.29
	72	70	-21.26	-0.71	165.88	-3.13	80.67	2.39
		9	21.26	0.71	-106.32	3.13	-216.77	-3.10
	73	70	18.31	-0.39	179.13	-3.36	120.77	1.55
		9	-18.31	0.39	-119.57	3.36	-270.11	-1.94
	74	70	-21.41	-0.44	165.88	-3.37	80.67	1.77
		9	21.41	0.44	-106.32	3.37	-216.77	-2.21
	75	70	18.47	-0.66	179.13	-3.13	120.77	2.17
		9	-18.47	0.66	-119.57	3.13	-270.12	-2.83
95	1	9	-7.04	0.00	-99.56	0.00	161.79	0.01
		71	7.04	0.00	121.56	0.00	-51.23	-0.02
	2	9	-3.48	0.00	-18.53	0.00	66.06	0.01
		71	3.48	0.00	56.09	0.00	-28.75	-0.01
	3	9	-0.79	0.00	-8.22	0.00	14.61	-0.01
		71	0.79	0.00	8.22	0.00	-6.39	0.01
	4	9	-1.20	-0.01	-14.97	0.00	23.86	-0.03

	71	1.20	0.01	14.97	0.00	-8.89	0.02
5	9	-1.35	0.02	-1.32	0.00	3.10	0.05
	71	1.35	-0.02	1.32	0.00	-1.78	-0.02
6	9	1.49	-0.02	1.78	0.00	-5.39	-0.05
	71	-1.49	0.02	-1.78	0.00	3.61	0.03
7	9	-0.05	-0.06	0.16	2.39	-0.46	-0.29
	71	0.05	0.06	-0.16	-2.39	0.30	0.24
8	9	0.06	0.06	0.15	-2.39	-0.39	0.29
	71	-0.06	-0.06	-0.15	2.39	0.24	-0.24
9	9	-16.98	0.01	-178.26	0.00	338.81	0.03
	71	16.98	-0.01	255.69	0.00	-121.83	-0.03
10	9	-14.42	-0.04	-175.48	0.00	331.17	-0.05
	71	14.42	0.04	252.90	0.00	-116.98	0.02
11	9	-15.80	-0.06	-176.93	2.15	335.61	-0.27
	71	15.80	0.06	254.36	-2.15	-119.96	0.21
12	9	-15.71	0.04	-176.94	-2.15	335.67	0.26
	71	15.71	-0.04	254.37	2.15	-120.01	-0.22
13	9	-16.69	0.00	-177.17	0.00	334.79	0.03
	71	16.69	0.00	254.59	0.00	-118.91	-0.03
14	9	-14.14	-0.04	-174.38	0.00	327.15	-0.06
	71	14.14	0.04	251.80	0.00	-114.06	0.02
15	9	-15.52	-0.06	-175.84	2.15	331.59	-0.27
	71	15.52	0.06	253.26	-2.15	-117.04	0.21
16	9	-15.42	0.04	-175.84	-2.15	331.65	0.25
	71	15.42	-0.04	253.27	2.15	-117.09	-0.22
17	9	-16.60	0.02	-166.73	0.00	318.76	0.08
	71	16.60	-0.02	244.16	0.00	-113.31	-0.06
18	9	-12.34	-0.04	-162.09	0.00	306.02	-0.07
	71	12.34	0.04	239.51	0.00	-105.22	0.03
19	9	-14.65	-0.09	-164.52	3.58	313.42	-0.43
	71	14.65	0.09	241.95	-3.58	-110.19	0.34
20	9	-14.49	0.08	-164.53	-3.58	313.52	0.45
	71	14.49	-0.08	241.96	3.58	-110.28	-0.37
21	9	-12.72	0.00	-134.59	0.00	256.25	0.03
	71	12.72	0.00	194.15	0.00	-91.88	-0.02
22	9	-11.02	-0.02	-132.73	0.00	251.16	-0.03
	71	11.02	0.02	192.29	0.00	-88.65	0.01
23	9	-11.94	-0.04	-133.70	1.43	254.12	-0.18
	71	11.94	0.04	193.26	-1.43	-90.64	0.13
24	9	-11.88	0.02	-133.71	-1.43	254.16	0.17
	71	11.88	-0.02	193.27	1.43	-90.67	-0.15
25	9	-12.53	0.00	-133.86	0.00	253.57	0.03
	71	12.53	0.00	193.42	0.00	-89.94	-0.02
26	9	-10.83	-0.02	-132.00	0.00	248.48	-0.03
	71	10.83	0.02	191.56	0.00	-86.70	0.01
27	9	-11.75	-0.04	-132.97	1.43	251.44	-0.18
	71	11.75	0.04	192.53	-1.43	-88.69	0.13
28	9	-11.69	0.02	-132.98	-1.43	251.48	0.17
	71	11.69	-0.02	192.54	1.43	-88.72	-0.15
29	9	-12.47	0.02	-126.90	0.00	242.89	0.06

	71	12.47	-0.02	186.46	0.00	-86.20	-0.04
30	9	-9.63	-0.03	-123.80	0.00	234.40	-0.04
	71	9.63	0.03	183.36	0.00	-80.81	0.01
31	9	-11.17	-0.06	-125.42	2.39	239.33	-0.28
	71	11.17	0.06	184.98	-2.39	-84.12	0.22
32	9	-11.06	0.05	-125.43	-2.39	239.39	0.30
	71	11.06	-0.05	184.99	2.39	-84.18	-0.25
33	9	-10.52	0.00	-118.10	0.00	227.86	0.02
	71	10.52	0.00	177.66	0.00	-79.98	-0.02
34	9	-10.76	0.00	-121.09	0.00	232.63	0.02
	71	10.76	0.00	180.65	0.00	-81.76	-0.02
35	9	-10.79	0.00	-118.36	0.00	228.48	0.03
	71	10.79	0.00	177.92	0.00	-80.33	-0.03
36	9	-10.22	-0.01	-117.74	0.00	226.78	0.01
	71	10.22	0.01	177.30	0.00	-79.26	-0.02
37	9	-10.53	-0.01	-118.07	0.48	227.76	-0.04
	71	10.53	0.01	177.63	-0.48	-79.92	0.02
38	9	-10.51	0.01	-118.07	-0.48	227.78	0.08
	71	10.51	-0.01	177.63	0.48	-79.93	-0.07
39	9	-10.52	0.00	-118.10	0.00	227.86	0.02
	71	10.52	0.00	177.66	0.00	-79.98	-0.02
40	9	-26.75	-0.15	-21.74	-0.79	32.08	-0.48
	71	26.75	0.15	21.74	0.79	-10.34	0.33
41	9	-27.23	1.02	-21.73	0.79	32.04	2.24
	71	27.23	-1.02	21.73	-0.79	-10.31	-1.22
42	9	-0.79	-0.69	0.05	18.35	-0.41	-2.95
	71	0.79	0.69	-0.05	-18.35	0.35	2.26
43	9	-0.48	-1.13	0.04	14.61	-0.33	-3.93
	71	0.48	1.13	-0.04	-14.61	0.29	2.80
44	9	-37.50	-0.35	-139.82	4.72	259.81	-1.34
	71	37.50	0.35	199.38	-4.72	-90.21	0.99
45	9	-37.03	0.06	-139.85	-6.29	260.05	0.43
	71	37.03	-0.06	199.41	6.29	-90.43	-0.37
46	9	-37.41	-0.49	-139.82	3.60	259.83	-1.63
	71	37.41	0.49	199.38	-3.60	-90.23	1.15
47	9	-37.12	0.19	-139.84	-5.17	260.03	0.72
	71	37.12	-0.19	199.40	5.17	-90.41	-0.53
48	9	15.99	-0.06	-96.35	6.29	195.66	-0.38
	71	-15.99	0.06	155.91	-6.29	-69.53	0.32
49	9	16.46	0.35	-96.38	-4.72	195.90	1.38
	71	-16.46	-0.35	155.94	4.72	-69.74	-1.03
50	9	16.08	-0.19	-96.35	5.17	195.68	-0.68
	71	-16.08	0.19	155.91	-5.17	-69.55	0.48
51	9	16.37	0.48	-96.37	-3.60	195.88	1.68
	71	-16.37	-0.48	155.93	3.60	-69.72	-1.19
52	9	-37.98	0.81	-139.81	6.29	259.78	1.38
	71	37.98	-0.81	199.37	-6.29	-90.19	-0.57
53	9	-37.51	1.23	-139.84	-4.72	260.02	3.15
	71	37.51	-1.23	199.40	4.72	-90.40	-1.92
54	9	-37.89	0.68	-139.81	5.17	259.80	1.09

		71	37.89	-0.68	199.37	-5.17	-90.21	-0.41
55		9	-37.60	1.36	-139.84	-3.59	260.00	3.44
		71	37.60	-1.36	199.40	3.59	-90.38	-2.08
56		9	16.47	-1.23	-96.35	4.72	195.69	-3.10
		71	-16.47	1.23	155.91	-4.72	-69.56	1.87
57		9	16.94	-0.82	-96.38	-6.29	195.93	-1.33
		71	-16.94	0.82	155.94	6.29	-69.77	0.52
58		9	16.56	-1.36	-96.36	3.59	195.71	-3.40
		71	-16.56	1.36	155.92	-3.59	-69.58	2.04
59		9	16.85	-0.68	-96.38	-5.17	195.91	-1.04
		71	-16.85	0.68	155.94	5.17	-69.75	0.36
60		9	-19.33	-0.73	-124.57	18.11	237.07	-3.07
		71	19.33	0.73	184.13	-18.11	-82.73	2.34
61		9	-3.28	-0.64	-111.53	18.59	217.83	-2.78
		71	3.28	0.64	171.09	-18.59	-76.52	2.14
62		9	-19.48	-0.38	-124.56	18.59	237.06	-2.25
		71	19.48	0.38	184.12	-18.59	-82.72	1.87
63		9	-3.14	-0.99	-111.53	18.11	217.84	-3.60
		71	3.14	0.99	171.09	-18.11	-76.53	2.60
64		9	-17.76	0.64	-124.67	-18.59	237.88	2.83
		71	17.76	-0.64	184.23	18.59	-83.44	-2.19
65		9	-1.71	0.73	-111.63	-18.12	218.64	3.11
		71	1.71	-0.73	171.19	18.12	-77.23	-2.38
66		9	-17.90	0.99	-124.67	-18.11	237.87	3.64
		71	17.90	-0.99	184.23	18.11	-83.43	-2.65
67		9	-1.57	0.38	-111.63	-18.59	218.65	2.30
		71	1.57	-0.38	171.19	18.59	-77.24	-1.92
68		9	-19.02	-1.17	-124.58	14.37	237.15	-4.05
		71	19.02	1.17	184.14	-14.37	-82.79	2.87
69		9	-2.98	-1.09	-111.54	14.85	217.91	-3.76
		71	2.98	1.09	171.10	-14.85	-76.59	2.67
70		9	-19.17	-0.82	-124.58	14.85	237.14	-3.23
		71	19.17	0.82	184.14	-14.85	-82.79	2.41
71		9	-2.83	-1.44	-111.54	14.37	217.92	-4.57
		71	2.83	1.44	171.10	-14.37	-76.60	3.14
72		9	-18.06	1.08	-124.66	-14.85	237.81	3.81
		71	18.06	-1.08	184.22	14.85	-83.37	-2.72
73		9	-2.02	1.17	-111.62	-14.37	218.56	4.09
		71	2.02	-1.17	171.18	14.37	-77.16	-2.92
74		9	-18.21	1.43	-124.66	-14.37	237.80	4.62
		71	18.21	-1.43	184.22	14.37	-83.36	-3.19
75		9	-1.87	0.82	-111.62	-14.85	218.57	3.28
		71	1.87	-0.82	171.18	14.85	-77.17	-2.46
96	1	71	-7.04	0.00	-63.69	0.00	51.23	0.02
		72	7.04	0.00	87.89	0.00	32.13	-0.02
	2	71	-3.48	0.00	-4.34	0.00	28.75	0.01
		72	3.48	0.00	45.66	0.00	-1.24	0.00
	3	71	-0.79	0.00	-5.82	0.00	6.39	-0.01
		72	0.79	0.00	5.82	0.00	0.01	0.00

4	71	-1.20	-0.01	-10.47	0.00	8.89	-0.02
	72	1.20	0.01	10.47	0.00	2.63	0.01
5	71	-1.35	0.02	-1.18	0.00	1.78	0.02
	72	1.35	-0.02	1.18	0.00	-0.48	0.00
6	71	1.49	-0.02	1.60	0.00	-3.61	-0.03
	72	-1.49	0.02	-1.60	0.00	1.85	0.00
7	71	-0.05	-0.06	0.12	2.39	-0.30	-0.24
	72	0.05	0.06	-0.12	-2.39	0.16	0.18
8	71	0.06	0.06	0.12	-2.39	-0.24	0.24
	72	-0.06	-0.06	-0.12	2.39	0.11	-0.18
9	71	-16.98	0.01	-106.09	0.00	121.83	0.03
	72	16.98	-0.01	191.27	0.00	41.72	-0.02
10	71	-14.42	-0.04	-103.59	0.00	116.98	-0.02
	72	14.42	0.04	188.76	0.00	43.81	-0.02
11	71	-15.80	-0.06	-104.92	2.15	119.96	-0.21
	72	15.80	0.06	190.09	-2.15	42.29	0.14
12	71	-15.71	0.04	-104.93	-2.15	120.01	0.22
	72	15.71	-0.04	190.10	2.15	42.25	-0.18
13	71	-16.69	0.00	-105.22	0.00	118.91	0.03
	72	16.69	0.00	190.39	0.00	43.67	-0.02
14	71	-14.14	-0.04	-102.71	0.00	114.06	-0.02
	72	14.14	0.04	187.88	0.00	45.77	-0.02
15	71	-15.52	-0.06	-104.04	2.15	117.04	-0.21
	72	15.52	0.06	189.21	-2.15	44.25	0.14
16	71	-15.42	0.04	-104.05	-2.15	117.09	0.22
	72	15.42	-0.04	189.22	2.15	44.21	-0.18
17	71	-16.60	0.02	-98.07	0.00	113.31	0.06
	72	16.60	-0.02	183.24	0.00	41.41	-0.03
18	71	-12.34	-0.04	-93.90	0.00	105.22	-0.03
	72	12.34	0.04	179.07	0.00	44.91	-0.02
19	71	-14.65	-0.09	-96.11	3.58	110.19	-0.34
	72	14.65	0.09	181.28	-3.58	42.37	0.24
20	71	-14.49	0.08	-96.12	-3.58	110.28	0.37
	72	14.49	-0.08	181.29	3.58	42.30	-0.29
21	71	-12.72	0.00	-79.80	0.00	91.88	0.02
	72	12.72	0.00	145.32	0.00	31.93	-0.02
22	71	-11.02	-0.02	-78.13	0.00	88.65	-0.01
	72	11.02	0.02	143.65	0.00	33.33	-0.02
23	71	-11.94	-0.04	-79.02	1.43	90.64	-0.13
	72	11.94	0.04	144.53	-1.43	32.31	0.09
24	71	-11.88	0.02	-79.02	-1.43	90.67	0.15
	72	11.88	-0.02	144.54	1.43	32.29	-0.12
25	71	-12.53	0.00	-79.22	0.00	89.94	0.02
	72	12.53	0.00	144.73	0.00	33.23	-0.02
26	71	-10.83	-0.02	-77.55	0.00	86.70	-0.01
	72	10.83	0.02	143.06	0.00	34.63	-0.02
27	71	-11.75	-0.04	-78.43	1.43	88.69	-0.13
	72	11.75	0.04	143.95	-1.43	33.62	0.09
28	71	-11.69	0.02	-78.44	-1.43	88.72	0.15
	72	11.69	-0.02	143.95	1.43	33.59	-0.12

29	71	-12.47	0.02	-74.45	0.00	86.20	0.04
	72	12.47	-0.02	139.97	0.00	31.73	-0.02
30	71	-9.63	-0.03	-71.67	0.00	80.81	-0.01
	72	9.63	0.03	137.19	0.00	34.06	-0.02
31	71	-11.17	-0.06	-73.14	2.39	84.12	-0.22
	72	11.17	0.06	138.66	-2.39	32.37	0.15
32	71	-11.06	0.05	-73.15	-2.39	84.18	0.25
	72	11.06	-0.05	138.67	2.39	32.32	-0.20
33	71	-10.52	0.00	-68.03	0.00	79.98	0.02
	72	10.52	0.00	133.55	0.00	30.89	-0.03
34	71	-10.76	0.00	-70.13	0.00	81.76	0.02
	72	10.76	0.00	135.64	0.00	31.42	-0.02
35	71	-10.79	0.00	-68.27	0.00	80.33	0.03
	72	10.79	0.00	133.78	0.00	30.79	-0.03
36	71	-10.22	-0.01	-67.71	0.00	79.26	0.02
	72	10.22	0.01	133.23	0.00	31.26	-0.02
37	71	-10.53	-0.01	-68.01	0.48	79.92	-0.02
	72	10.53	0.01	133.52	-0.48	30.92	0.01
38	71	-10.51	0.01	-68.01	-0.48	79.93	0.07
	72	10.51	-0.01	133.52	0.48	30.91	-0.06
39	71	-10.52	0.00	-68.03	0.00	79.98	0.02
	72	10.52	0.00	133.55	0.00	30.89	-0.03
40	71	-26.75	-0.15	-19.10	-0.79	10.34	-0.33
	72	26.75	0.15	19.10	0.79	10.67	0.17
41	71	-27.23	1.02	-19.09	0.79	10.31	1.22
	72	27.23	-1.02	19.09	-0.79	10.69	-0.10
42	71	-0.79	-0.69	0.06	18.35	-0.35	-2.26
	72	0.79	0.69	-0.06	-18.35	0.29	1.51
43	71	-0.48	-1.13	0.05	14.61	-0.29	-2.80
	72	0.48	1.13	-0.05	-14.61	0.23	1.56
44	71	-37.50	-0.35	-87.11	4.72	90.21	-0.99
	72	37.50	0.35	152.63	-4.72	41.64	0.60
45	71	-37.03	0.06	-87.15	-6.29	90.43	0.37
	72	37.03	-0.06	152.66	6.29	41.47	-0.31
46	71	-37.41	-0.49	-87.11	3.60	90.23	-1.15
	72	37.41	0.49	152.63	-3.60	41.63	0.61
47	71	-37.12	0.19	-87.14	-5.17	90.41	0.53
	72	37.12	-0.19	152.66	5.17	41.49	-0.32
48	71	15.99	-0.06	-48.91	6.29	69.53	-0.32
	72	-15.99	0.06	114.43	-6.29	20.31	0.26
49	71	16.46	0.35	-48.95	-4.72	69.74	1.03
	72	-16.46	-0.35	114.47	4.72	20.14	-0.65
50	71	16.08	-0.19	-48.92	5.17	69.55	-0.48
	72	-16.08	0.19	114.43	-5.17	20.29	0.27
51	71	16.37	0.48	-48.95	-3.60	69.72	1.19
	72	-16.37	-0.48	114.46	3.60	20.15	-0.66
52	71	-37.98	0.81	-87.10	6.29	90.19	0.57
	72	37.98	-0.81	152.62	-6.29	41.66	0.33
53	71	-37.51	1.23	-87.14	-4.72	90.40	1.92
	72	37.51	-1.23	152.66	4.72	41.49	-0.58

54	71	-37.89	0.68	-87.11	5.17	90.21	0.41	
	72	37.89	-0.68	152.62	-5.17	41.65	0.34	
55	71	-37.60	1.36	-87.14	-3.59	90.38	2.08	
	72	37.60	-1.36	152.65	3.59	41.51	-0.59	
56	71	16.47	-1.23	-48.92	4.72	69.56	-1.87	
	72	-16.47	1.23	114.44	-4.72	20.29	0.53	
57	71	16.94	-0.82	-48.96	-6.29	69.77	-0.52	
	72	-16.94	0.82	114.47	6.29	20.12	-0.38	
58	71	16.56	-1.36	-48.93	3.59	69.58	-2.04	
	72	-16.56	1.36	114.44	-3.59	20.27	0.54	
59	71	16.85	-0.68	-48.95	-5.17	69.75	-0.36	
	72	-16.85	0.68	114.47	5.17	20.13	-0.39	
60	71	-19.33	-0.73	-73.70	18.11	82.73	-2.34	
	72	19.33	0.73	139.21	-18.11	34.38	1.53	
61	71	-3.28	-0.64	-62.24	18.59	76.52	-2.14	
	72	3.28	0.64	127.76	-18.59	27.98	1.43	
62	71	-19.48	-0.38	-73.70	18.59	82.72	-1.87	
	72	19.48	0.38	139.21	-18.59	34.38	1.45	
63	71	-3.14	-0.99	-62.24	18.11	76.53	-2.60	
	72	3.14	0.99	127.76	-18.11	27.97	1.51	
64	71	-17.76	0.64	-73.82	-18.59	83.44	2.19	
	72	17.76	-0.64	139.34	18.59	33.80	-1.48	
65	71	-1.71	0.73	-62.36	-18.12	77.23	2.38	
	72	1.71	-0.73	127.88	18.12	27.40	-1.58	
66	71	-17.90	0.99	-73.82	-18.11	83.43	2.65	
	72	17.90	-0.99	139.34	18.11	33.81	-1.56	
67	71	-1.57	0.38	-62.37	-18.59	77.24	1.92	
	72	1.57	-0.38	127.88	18.59	27.40	-1.50	
68	71	-19.02	-1.17	-73.71	14.37	82.79	-2.87	
	72	19.02	1.17	139.23	-14.37	34.32	1.58	
69	71	-2.98	-1.09	-62.25	14.85	76.59	-2.67	
	72	2.98	1.09	127.77	-14.85	27.92	1.48	
70	71	-19.17	-0.82	-73.71	14.85	82.79	-2.41	
	72	19.17	0.82	139.23	-14.85	34.33	1.50	
71	71	-2.83	-1.44	-62.26	14.37	76.60	-3.14	
	72	2.83	1.44	127.77	-14.37	27.92	1.56	
72	71	-18.06	1.08	-73.81	-14.85	83.37	2.72	
	72	18.06	-1.08	139.33	14.85	33.86	-1.53	
73	71	-2.02	1.17	-62.35	-14.37	77.16	2.92	
	72	2.02	-1.17	127.87	14.37	27.46	-1.63	
74	71	-18.21	1.43	-73.81	-14.37	83.36	3.19	
	72	18.21	-1.43	139.32	14.37	33.86	-1.61	
75	71	-1.87	0.82	-62.35	-14.85	77.17	2.46	
	72	1.87	-0.82	127.87	14.85	27.45	-1.55	
97	1	72	-7.04	0.00	-30.94	0.00	-32.13	0.02
		73	7.04	0.00	55.14	0.00	79.47	-0.02
	2	72	-3.48	0.00	5.41	0.00	1.24	0.00
	73	3.48	0.00	35.91	0.00	15.53	0.00	
3	72	-0.79	0.00	-3.55	0.00	-0.01	0.00	

	73	0.79	0.00	3.55	0.00	3.92	0.00
4	72	-1.20	-0.01	-6.14	0.00	-2.63	-0.01
	73	1.20	0.01	6.14	0.00	9.38	0.00
5	72	-1.35	0.02	-1.03	0.00	0.48	0.00
	73	1.35	-0.02	1.03	0.00	0.65	0.02
6	72	1.49	-0.02	1.43	0.00	-1.85	0.00
	73	-1.49	0.02	-1.43	0.00	0.28	-0.02
7	72	-0.05	-0.06	0.10	2.39	-0.16	-0.18
	73	0.05	0.06	-0.10	-2.39	0.05	0.11
8	72	0.06	0.06	0.09	-2.39	-0.11	0.18
	73	-0.06	-0.06	-0.09	2.39	0.02	-0.11
9	72	-16.98	0.01	-44.04	0.00	-41.72	0.02
	73	16.98	-0.01	129.21	0.00	137.00	-0.02
10	72	-14.42	-0.04	-41.83	0.00	-43.81	0.02
	73	14.42	0.04	127.00	0.00	136.67	-0.06
11	72	-15.80	-0.06	-43.02	2.15	-42.29	-0.14
	73	15.80	0.06	128.19	-2.15	136.46	0.06
12	72	-15.71	0.04	-43.03	-2.15	-42.25	0.18
	73	15.71	-0.04	128.20	2.15	136.43	-0.14
13	72	-16.69	0.00	-43.31	0.00	-43.67	0.02
	73	16.69	0.00	128.48	0.00	138.16	-0.02
14	72	-14.14	-0.04	-41.10	0.00	-45.77	0.02
	73	14.14	0.04	126.27	0.00	137.83	-0.06
15	72	-15.52	-0.06	-42.30	2.15	-44.25	-0.14
	73	15.52	0.06	127.47	-2.15	137.62	0.06
16	72	-15.42	0.04	-42.31	-2.15	-44.21	0.18
	73	15.42	-0.04	127.48	2.15	137.59	-0.14
17	72	-16.60	0.02	-39.33	0.00	-41.41	0.03
	73	16.60	-0.02	124.50	0.00	131.51	0.00
18	72	-12.34	-0.04	-35.64	0.00	-44.91	0.02
	73	12.34	0.04	120.81	0.00	130.96	-0.07
19	72	-14.65	-0.09	-37.64	3.58	-42.37	-0.24
	73	14.65	0.09	122.81	-3.58	130.62	0.14
20	72	-14.49	0.08	-37.66	-3.58	-42.30	0.29
	73	14.49	-0.08	122.83	3.58	130.57	-0.21
21	72	-12.72	0.00	-32.76	0.00	-31.93	0.02
	73	12.72	0.00	98.28	0.00	104.00	-0.02
22	72	-11.02	-0.02	-31.29	0.00	-33.33	0.02
	73	11.02	0.02	96.80	0.00	103.78	-0.04
23	72	-11.94	-0.04	-32.09	1.43	-32.31	-0.09
	73	11.94	0.04	97.60	-1.43	103.64	0.04
24	72	-11.88	0.02	-32.09	-1.43	-32.29	0.12
	73	11.88	-0.02	97.61	1.43	103.62	-0.10
25	72	-12.53	0.00	-32.28	0.00	-33.23	0.02
	73	12.53	0.00	97.79	0.00	104.77	-0.02
26	72	-10.83	-0.02	-30.81	0.00	-34.63	0.02
	73	10.83	0.02	96.32	0.00	104.55	-0.04
27	72	-11.75	-0.04	-31.60	1.43	-33.62	-0.09
	73	11.75	0.04	97.12	-1.43	104.41	0.04
28	72	-11.69	0.02	-31.61	-1.43	-33.59	0.12

	73	11.69	-0.02	97.13	1.43	104.39	-0.10
29	72	-12.47	0.02	-29.62	0.00	-31.73	0.02
	73	12.47	-0.02	95.14	0.00	100.34	-0.01
30	72	-9.63	-0.03	-27.17	0.00	-34.06	0.02
	73	9.63	0.03	92.68	0.00	99.97	-0.05
31	72	-11.17	-0.06	-28.49	2.39	-32.37	-0.15
	73	11.17	0.06	94.01	-2.39	99.74	0.09
32	72	-11.06	0.05	-28.51	-2.39	-32.32	0.20
	73	11.06	-0.05	94.02	2.39	99.71	-0.14
33	72	-10.52	0.00	-25.53	0.00	-30.89	0.03
	73	10.52	0.00	91.04	0.00	95.00	-0.03
34	72	-10.76	0.00	-26.75	0.00	-31.42	0.02
	73	10.76	0.00	92.27	0.00	96.88	-0.03
35	72	-10.79	0.00	-25.73	0.00	-30.79	0.03
	73	10.79	0.00	91.25	0.00	95.13	-0.02
36	72	-10.22	-0.01	-25.24	0.00	-31.26	0.02
	73	10.22	0.01	90.76	0.00	95.06	-0.03
37	72	-10.53	-0.01	-25.51	0.48	-30.92	-0.01
	73	10.53	0.01	91.02	-0.48	95.01	0.00
38	72	-10.51	0.01	-25.51	-0.48	-30.91	0.06
	73	10.51	-0.01	91.02	0.48	95.01	-0.05
39	72	-10.52	0.00	-25.53	0.00	-30.89	0.03
	73	10.52	0.00	91.04	0.00	95.00	-0.03
40	72	-26.75	-0.15	-15.63	-0.79	-10.67	-0.17
	73	26.75	0.15	15.63	0.79	27.86	0.01
41	72	-27.23	1.02	-15.62	0.79	-10.69	0.10
	73	27.23	-1.02	15.62	-0.79	27.87	1.02
42	72	-0.79	-0.69	0.08	18.35	-0.29	-1.51
	73	0.79	0.69	-0.08	-18.35	0.20	0.75
43	72	-0.48	-1.13	0.06	14.61	-0.23	-1.56
	73	0.48	1.13	-0.06	-14.61	0.16	0.32
44	72	-37.50	-0.35	-41.13	4.72	-41.64	-0.60
	73	37.50	0.35	106.65	-4.72	122.92	0.21
45	72	-37.03	0.06	-41.18	-6.29	-41.47	0.31
	73	37.03	-0.06	106.70	6.29	122.80	-0.24
46	72	-37.41	-0.49	-41.14	3.60	-41.63	-0.61
	73	37.41	0.49	106.66	-3.60	122.91	0.08
47	72	-37.12	0.19	-41.18	-5.17	-41.49	0.32
	73	37.12	-0.19	106.69	5.17	122.82	-0.11
48	72	15.99	-0.06	-9.87	6.29	-20.31	-0.26
	73	-15.99	0.06	75.39	-6.29	67.20	0.19
49	72	16.46	0.35	-9.92	-4.72	-20.14	0.65
	73	-16.46	-0.35	75.43	4.72	67.08	-0.26
50	72	16.08	-0.19	-9.87	5.17	-20.29	-0.27
	73	-16.08	0.19	75.39	-5.17	67.19	0.06
51	72	16.37	0.48	-9.91	-3.60	-20.15	0.66
	73	-16.37	-0.48	75.43	3.60	67.09	-0.13
52	72	-37.98	0.81	-41.13	6.29	-41.66	-0.33
	73	37.98	-0.81	106.64	-6.29	122.94	1.22
53	72	-37.51	1.23	-41.18	-4.72	-41.49	0.58

	73	37.51	-1.23	106.69	4.72	122.82	0.77	
54	72	-37.89	0.68	-41.13	5.17	-41.65	-0.34	
	73	37.89	-0.68	106.65	-5.17	122.92	1.09	
55	72	-37.60	1.36	-41.17	-3.59	-41.51	0.59	
	73	37.60	-1.36	106.69	3.59	122.83	0.90	
56	72	16.47	-1.23	-9.88	4.72	-20.29	-0.53	
	73	-16.47	1.23	75.39	-4.72	67.19	-0.82	
57	72	16.94	-0.82	-9.93	-6.29	-20.12	0.38	
	73	-16.94	0.82	75.44	6.29	67.07	-1.28	
58	72	16.56	-1.36	-9.88	3.59	-20.27	-0.54	
	73	-16.56	1.36	75.40	-3.59	67.18	-0.96	
59	72	16.85	-0.68	-9.92	-5.17	-20.13	0.39	
	73	-16.85	0.68	75.44	5.17	67.08	-1.15	
60	72	-19.33	-0.73	-30.14	18.11	-34.38	-1.53	
	73	19.33	0.73	95.65	-18.11	103.56	0.73	
61	72	-3.28	-0.64	-20.76	18.59	-27.98	-1.43	
	73	3.28	0.64	86.27	-18.59	86.84	0.72	
62	72	-19.48	-0.38	-30.13	18.59	-34.38	-1.45	
	73	19.48	0.38	95.65	-18.59	103.56	1.03	
63	72	-3.14	-0.99	-20.76	18.11	-27.97	-1.51	
	73	3.14	0.99	86.27	-18.11	86.84	0.42	
64	72	-17.76	0.64	-30.30	-18.59	-33.80	1.48	
	73	17.76	-0.64	95.81	18.59	103.16	-0.78	
65	72	-1.71	0.73	-20.92	-18.12	-27.40	1.58	
	73	1.71	-0.73	86.43	18.12	86.45	-0.78	
66	72	-17.90	0.99	-30.29	-18.11	-33.81	1.56	
	73	17.90	-0.99	95.81	18.11	103.17	-0.47	
67	72	-1.57	0.38	-20.92	-18.59	-27.40	1.50	
	73	1.57	-0.38	86.43	18.59	86.44	-1.09	
68	72	-19.02	-1.17	-30.15	14.37	-34.32	-1.58	
	73	19.02	1.17	95.67	-14.37	103.52	0.29	
69	72	-2.98	-1.09	-20.77	14.85	-27.92	-1.48	
	73	2.98	1.09	86.29	-14.85	86.81	0.29	
70	72	-19.17	-0.82	-30.15	14.85	-34.33	-1.50	
	73	19.17	0.82	95.67	-14.85	103.53	0.60	
71	72	-2.83	-1.44	-20.78	14.37	-27.92	-1.56	
	73	2.83	1.44	86.29	-14.37	86.80	-0.02	
72	72	-18.06	1.08	-30.28	-14.85	-33.86	1.53	
	73	18.06	-1.08	95.79	14.85	103.20	-0.34	
73	72	-2.02	1.17	-20.90	-14.37	-27.46	1.63	
	73	2.02	-1.17	86.42	14.37	86.48	-0.34	
74	72	-18.21	1.43	-30.28	-14.37	-33.86	1.61	
	73	18.21	-1.43	95.79	14.37	103.20	-0.03	
75	72	-1.87	0.82	-20.90	-14.85	-27.45	1.55	
	73	1.87	-0.82	86.42	14.85	86.48	-0.65	
98	1	73	-7.04	0.00	1.02	0.00	-79.47	0.02
		74	7.04	0.00	23.18	0.00	91.66	-0.03
	2	73	-3.48	0.00	14.45	0.00	-15.53	0.00
		74	3.48	0.00	26.87	0.00	22.36	0.00

3	73	-0.79	0.00	-1.40	0.00	-3.92	0.00
	74	0.79	0.00	1.40	0.00	5.46	-0.01
4	73	-1.20	-0.01	-1.94	0.00	-9.38	0.00
	74	1.20	0.01	1.94	0.00	11.52	-0.01
5	73	-1.35	0.02	-0.85	0.00	-0.65	-0.02
	74	1.35	-0.02	0.85	0.00	1.59	0.05
6	73	1.49	-0.02	1.28	0.00	-0.28	0.02
	74	-1.49	0.02	-1.28	0.00	-1.12	-0.05
7	73	-0.05	-0.06	0.08	2.39	-0.05	-0.11
	74	0.05	0.06	-0.08	-2.39	-0.04	0.05
8	73	0.06	0.06	0.06	-2.39	-0.02	0.11
	74	-0.06	-0.06	-0.06	2.39	-0.05	-0.05
9	73	-16.98	0.01	15.78	0.00	-137.00	0.02
	74	16.98	-0.01	-15.78	0.00	137.00	-0.02
10	73	-14.42	-0.04	17.69	0.00	-136.67	0.06
	74	14.42	0.04	-17.69	0.00	136.67	-0.06
11	73	-15.80	-0.06	16.62	2.15	-136.46	-0.06
	74	15.80	0.06	-16.62	-2.15	136.46	0.06
12	73	-15.71	0.04	16.60	-2.15	-136.43	0.14
	74	15.71	-0.04	-16.60	2.15	136.43	-0.14
13	73	-16.69	0.00	16.43	0.00	-138.16	0.02
	74	16.69	0.00	-16.43	0.00	138.16	-0.02
14	73	-14.14	-0.04	18.34	0.00	-137.83	0.06
	74	14.14	0.04	-18.34	0.00	137.83	-0.06
15	73	-15.52	-0.06	17.27	2.15	-137.62	-0.06
	74	15.52	0.06	-17.27	-2.15	137.62	0.06
16	73	-15.42	0.04	17.25	-2.15	-137.59	0.14
	74	15.42	-0.04	-17.25	2.15	137.59	-0.14
17	73	-16.60	0.02	17.38	0.00	-131.51	0.00
	74	16.60	-0.02	-17.38	0.00	131.51	-0.00
18	73	-12.34	-0.04	20.57	0.00	-130.96	0.07
	74	12.34	0.04	-20.57	0.00	130.96	-0.07
19	73	-14.65	-0.09	18.77	3.58	-130.62	-0.14
	74	14.65	0.09	-18.77	-3.58	130.62	0.14
20	73	-14.49	0.08	18.75	-3.58	-130.57	0.21
	74	14.49	-0.08	-18.75	3.58	130.57	-0.21
21	73	-12.72	0.00	12.58	0.00	-104.00	0.02
	74	12.72	0.00	-12.58	0.00	104.00	-0.02
22	73	-11.02	-0.02	13.86	0.00	-103.78	0.04
	74	11.02	0.02	-13.86	0.00	103.78	-0.04
23	73	-11.94	-0.04	13.14	1.43	-103.64	-0.04
	74	11.94	0.04	-13.14	-1.43	103.64	0.04
24	73	-11.88	0.02	13.13	-1.43	-103.62	0.10
	74	11.88	-0.02	-13.13	1.43	103.62	-0.10
25	73	-12.53	0.00	13.02	0.00	-104.77	0.02
	74	12.53	0.00	-13.02	0.00	104.77	-0.02
26	73	-10.83	-0.02	14.29	0.00	-104.55	0.04
	74	10.83	0.02	-14.29	0.00	104.55	-0.04
27	73	-11.75	-0.04	13.57	1.43	-104.41	-0.04
	74	11.75	0.04	-13.57	-1.43	104.41	0.04

28	73	-11.69	0.02	13.56	-1.43	-104.39	0.10
	74	11.69	-0.02	51.95	1.43	125.51	-0.07
29	73	-12.47	0.02	13.65	0.00	-100.34	0.01
	74	12.47	-0.02	51.87	0.00	121.37	0.01
30	73	-9.63	-0.03	15.77	0.00	-99.97	0.05
	74	9.63	0.03	49.74	0.00	118.66	-0.08
31	73	-11.17	-0.06	14.58	2.39	-99.74	-0.09
	74	11.17	0.06	50.94	-2.39	119.74	0.02
32	73	-11.06	0.05	14.56	-2.39	-99.71	0.14
	74	11.06	-0.05	50.95	2.39	119.73	-0.09
33	73	-10.52	0.00	15.47	0.00	-95.00	0.03
	74	10.52	0.00	50.05	0.00	114.02	-0.03
34	73	-10.76	0.00	15.08	0.00	-96.88	0.03
	74	10.76	0.00	50.44	0.00	116.32	-0.03
35	73	-10.79	0.00	15.30	0.00	-95.13	0.02
	74	10.79	0.00	50.22	0.00	114.34	-0.02
36	73	-10.22	-0.01	15.72	0.00	-95.06	0.03
	74	10.22	0.01	49.79	0.00	113.80	-0.04
37	73	-10.53	-0.01	15.48	0.48	-95.01	0.00
	74	10.53	0.01	50.03	-0.48	114.01	-0.02
38	73	-10.51	0.01	15.48	-0.48	-95.01	0.05
	74	10.51	-0.01	50.04	0.48	114.01	-0.04
39	73	-10.52	0.00	15.47	0.00	-95.00	0.03
	74	10.52	0.00	50.05	0.00	114.02	-0.03
40	73	-26.75	-0.15	-11.28	-0.79	-27.86	-0.01
	74	26.75	0.15	11.28	0.79	40.27	-0.15
41	73	-27.23	1.02	-11.27	0.79	-27.87	-1.02
	74	27.23	-1.02	11.27	-0.79	40.27	2.15
42	73	-0.79	-0.69	0.11	18.35	-0.20	-0.75
	74	0.79	0.69	-0.11	-18.35	0.08	0.00
43	73	-0.48	-1.13	0.08	14.61	-0.16	-0.32
	74	0.48	1.13	-0.08	-14.61	0.07	-0.93
44	73	-37.50	-0.35	4.22	4.72	-122.92	-0.21
	74	37.50	0.35	61.30	-4.72	154.32	-0.18
45	73	-37.03	0.06	4.15	-6.29	-122.80	0.24
	74	37.03	-0.06	61.36	6.29	154.27	-0.18
46	73	-37.41	-0.49	4.21	3.60	-122.91	-0.08
	74	37.41	0.49	61.31	-3.60	154.32	-0.46
47	73	-37.12	0.19	4.16	-5.17	-122.82	0.11
	74	37.12	-0.19	61.36	5.17	154.27	0.10
48	73	15.99	-0.06	26.78	6.29	-67.20	-0.19
	74	-15.99	0.06	38.73	-6.29	73.77	0.12
49	73	16.46	0.35	26.72	-4.72	-67.08	0.26
	74	-16.46	-0.35	38.80	4.72	73.72	0.12
50	73	16.08	-0.19	26.78	5.17	-67.19	-0.06
	74	-16.08	0.19	38.74	-5.17	73.77	-0.15
51	73	16.37	0.48	26.73	-3.60	-67.09	0.13
	74	-16.37	-0.48	38.79	3.60	73.73	0.40
52	73	-37.98	0.81	4.23	6.29	-122.94	-1.22
	74	37.98	-0.81	61.29	-6.29	154.32	2.12

	53	73	-37.51	1.23	4.16	-4.72	-122.82	-0.77
		74	37.51	-1.23	61.35	4.72	154.27	2.12
	54	73	-37.89	0.68	4.22	5.17	-122.92	-1.09
		74	37.89	-0.68	61.30	-5.17	154.32	1.84
	55	73	-37.60	1.36	4.17	-3.59	-122.83	-0.90
		74	37.60	-1.36	61.35	3.59	154.28	2.40
	56	73	16.47	-1.23	26.77	4.72	-67.19	0.82
		74	-16.47	1.23	38.74	-4.72	73.77	-2.17
	57	73	16.94	-0.82	26.71	-6.29	-67.07	1.28
		74	-16.94	0.82	38.81	6.29	73.72	-2.17
	58	73	16.56	-1.36	26.77	3.59	-67.18	0.96
		74	-16.56	1.36	38.75	-3.59	73.77	-2.45
	59	73	16.85	-0.68	26.72	-5.17	-67.08	1.15
		74	-16.85	0.68	38.80	5.17	73.73	-1.90
	60	73	-19.33	-0.73	12.19	18.11	-103.56	-0.73
		74	19.33	0.73	53.33	-18.11	126.18	-0.07
	61	73	-3.28	-0.64	18.96	18.59	-86.84	-0.72
		74	3.28	0.64	46.56	-18.59	102.02	0.02
	62	73	-19.48	-0.38	12.19	18.59	-103.56	-1.03
		74	19.48	0.38	53.32	-18.59	126.18	0.62
	63	73	-3.14	-0.99	18.96	18.11	-86.84	-0.42
		74	3.14	0.99	46.56	-18.11	102.02	-0.67
	64	73	-17.76	0.64	11.98	-18.59	-103.16	0.78
		74	17.76	-0.64	53.54	18.59	126.02	-0.07
	65	73	-1.71	0.73	18.75	-18.12	-86.45	0.78
		74	1.71	-0.73	46.77	18.12	101.86	0.02
	66	73	-17.90	0.99	11.98	-18.11	-103.17	0.47
		74	17.90	-0.99	53.54	18.11	126.02	0.62
	67	73	-1.57	0.38	18.74	-18.59	-86.44	1.09
		74	1.57	-0.38	46.77	18.59	101.86	-0.67
	68	73	-19.02	-1.17	12.17	14.37	-103.52	-0.29
		74	19.02	1.17	53.35	-14.37	126.17	-1.00
	69	73	-2.98	-1.09	18.94	14.85	-86.81	-0.29
		74	2.98	1.09	46.58	-14.85	102.01	-0.91
	70	73	-19.17	-0.82	12.17	14.85	-103.53	-0.60
		74	19.17	0.82	53.35	-14.85	126.17	-0.31
	71	73	-2.83	-1.44	18.93	14.37	-86.80	0.02
		74	2.83	1.44	46.58	-14.37	102.01	-1.60
	72	73	-18.06	1.08	12.00	-14.85	-103.20	0.34
		74	18.06	-1.08	53.52	14.85	126.03	0.85
	73	73	-2.02	1.17	18.77	-14.37	-86.48	0.34
		74	2.02	-1.17	46.75	14.37	101.87	0.94
	74	73	-18.21	1.43	12.00	-14.37	-103.20	0.03
		74	18.21	-1.43	53.51	14.37	126.03	1.54
	75	73	-1.87	0.82	18.77	-14.85	-86.48	0.65
		74	1.87	-0.82	46.75	14.85	101.87	0.25
99	1	74	-7.04	0.00	32.58	0.00	-91.66	0.03
		75	7.04	0.00	-8.38	0.00	69.13	-0.03
	2	74	-3.48	0.00	22.82	0.00	-22.36	0.00

	75	3.48	0.00	18.50	0.00	19.99	0.00
3	74	-0.79	0.00	0.64	0.00	-5.46	0.01
	75	0.79	0.00	-0.64	0.00	4.76	-0.01
4	74	-1.20	-0.01	2.15	0.00	-11.52	0.01
	75	1.20	0.01	-2.15	0.00	9.15	-0.02
5	74	-1.35	0.02	-0.65	0.00	-1.59	-0.05
	75	1.35	-0.02	0.65	0.00	2.30	0.07
6	74	1.49	-0.02	1.15	0.00	1.12	0.05
	75	-1.49	0.02	-1.15	0.00	-2.39	-0.07
7	74	-0.05	-0.06	0.07	2.39	0.04	-0.05
	75	0.05	0.06	-0.07	-2.39	-0.12	-0.01
8	74	0.06	0.06	0.05	-2.39	0.05	0.05
	75	-0.06	-0.06	-0.05	2.39	-0.11	0.01
9	74	-16.98	0.01	74.00	0.00	-166.49	0.01
	75	16.98	-0.01	11.17	0.00	131.93	-0.01
10	74	-14.42	-0.04	75.62	0.00	-164.05	0.10
	75	14.42	0.04	9.55	0.00	127.71	-0.13
11	74	-15.80	-0.06	74.65	2.15	-165.02	0.01
	75	15.80	0.06	10.52	-2.15	129.75	-0.08
12	74	-15.71	0.04	74.63	-2.15	-165.01	0.10
	75	15.71	-0.04	10.54	2.15	129.76	-0.06
13	74	-16.69	0.00	74.66	0.00	-166.93	0.01
	75	16.69	0.00	10.51	0.00	131.64	-0.01
14	74	-14.14	-0.04	76.28	0.00	-164.49	0.10
	75	14.14	0.04	8.89	0.00	127.42	-0.14
15	74	-15.52	-0.06	75.32	2.15	-165.47	0.01
	75	15.52	0.06	9.86	-2.15	129.47	-0.08
16	74	-15.42	0.04	75.29	-2.15	-165.46	0.10
	75	15.42	-0.04	9.88	2.15	129.48	-0.06
17	74	-16.60	0.02	72.66	0.00	-159.24	-0.02
	75	16.60	-0.02	12.51	0.00	126.17	0.05
18	74	-12.34	-0.04	75.36	0.00	-155.18	0.12
	75	12.34	0.04	9.82	0.00	119.13	-0.16
19	74	-14.65	-0.09	73.74	3.58	-156.81	-0.03
	75	14.65	0.09	11.43	-3.58	122.54	-0.07
20	74	-14.49	0.08	73.71	-3.58	-156.79	0.12
	75	14.49	-0.08	11.46	3.58	122.55	-0.04
21	74	-12.72	0.00	56.72	0.00	-126.19	0.01
	75	12.72	0.00	8.79	0.00	99.83	-0.01
22	74	-11.02	-0.02	57.80	0.00	-124.57	0.07
	75	11.02	0.02	7.72	0.00	97.02	-0.09
23	74	-11.94	-0.04	57.16	1.43	-125.22	0.01
	75	11.94	0.04	8.36	-1.43	98.38	-0.05
24	74	-11.88	0.02	57.14	-1.43	-125.21	0.07
	75	11.88	-0.02	8.37	1.43	98.39	-0.04
25	74	-12.53	0.00	57.16	0.00	-126.49	0.01
	75	12.53	0.00	8.35	0.00	99.64	-0.01
26	74	-10.83	-0.02	58.24	0.00	-124.86	0.07
	75	10.83	0.02	7.27	0.00	96.83	-0.09
27	74	-11.75	-0.04	57.60	1.43	-125.52	0.01

	75	11.75	0.04	7.92	-1.43	98.19	-0.06
28	74	-11.69	0.02	57.58	-1.43	-125.51	0.07
	75	11.69	-0.02	7.93	1.43	98.20	-0.05
29	74	-12.47	0.02	55.82	0.00	-121.37	-0.01
	75	12.47	-0.02	9.69	0.00	95.99	0.03
30	74	-9.63	-0.03	57.62	0.00	-118.66	0.08
	75	9.63	0.03	7.89	0.00	91.30	-0.11
31	74	-11.17	-0.06	56.55	2.39	-119.74	-0.02
	75	11.17	0.06	8.97	-2.39	93.57	-0.05
32	74	-11.06	0.05	56.53	-2.39	-119.73	0.09
	75	11.06	-0.05	8.99	2.39	93.58	-0.03
33	74	-10.52	0.00	55.40	0.00	-114.02	0.03
	75	10.52	0.00	10.12	0.00	89.12	-0.03
34	74	-10.76	0.00	55.83	0.00	-116.32	0.03
	75	10.76	0.00	9.69	0.00	90.94	-0.03
35	74	-10.79	0.00	55.27	0.00	-114.34	0.02
	75	10.79	0.00	10.25	0.00	89.58	-0.01
36	74	-10.22	-0.01	55.63	0.00	-113.80	0.04
	75	10.22	0.01	9.89	0.00	88.64	-0.04
37	74	-10.53	-0.01	55.41	0.48	-114.01	0.02
	75	10.53	0.01	10.10	-0.48	89.09	-0.03
38	74	-10.51	0.01	55.41	-0.48	-114.01	0.04
	75	10.51	-0.01	10.11	0.48	89.09	-0.03
39	74	-10.52	0.00	55.40	0.00	-114.02	0.03
	75	10.52	0.00	10.12	0.00	89.12	-0.03
40	74	-26.75	-0.15	-5.90	-0.79	-40.27	0.15
	75	26.75	0.15	5.90	0.79	46.76	-0.31
41	74	-27.23	1.02	-5.89	0.79	-40.27	-2.15
	75	27.23	-1.02	5.89	-0.79	46.75	3.27
42	74	-0.79	-0.69	0.14	18.35	-0.08	0.00
	75	0.79	0.69	-0.14	-18.35	-0.08	-0.75
43	74	-0.48	-1.13	0.11	14.61	-0.07	0.93
	75	0.48	1.13	-0.11	-14.61	-0.05	-2.17
44	74	-37.50	-0.35	49.54	4.72	-154.32	0.18
	75	37.50	0.35	15.97	-4.72	135.86	-0.57
45	74	-37.03	0.06	49.46	-6.29	-154.27	0.18
	75	37.03	-0.06	16.06	6.29	135.90	-0.11
46	74	-37.41	-0.49	49.53	3.60	-154.32	0.46
	75	37.41	0.49	15.98	-3.60	135.86	-0.99
47	74	-37.12	0.19	49.47	-5.17	-154.27	-0.10
	75	37.12	-0.19	16.05	5.17	135.89	0.31
48	74	15.99	-0.06	61.34	6.29	-73.77	-0.12
	75	-15.99	0.06	4.17	-6.29	42.33	0.06
49	74	16.46	0.35	61.26	-4.72	-73.72	-0.12
	75	-16.46	-0.35	4.26	4.72	42.38	0.51
50	74	16.08	-0.19	61.33	5.17	-73.77	0.15
	75	-16.08	0.19	4.18	-5.17	42.34	-0.37
51	74	16.37	0.48	61.27	-3.60	-73.73	-0.40
	75	-16.37	-0.48	4.25	3.60	42.37	0.93
52	74	-37.98	0.81	49.55	6.29	-154.32	-2.12

	75	37.98	-0.81	15.96	-6.29	135.85	3.01	
53	74	-37.51	1.23	49.47	-4.72	-154.27	-2.12	
	75	37.51	-1.23	16.05	4.72	135.89	3.47	
54	74	-37.89	0.68	49.54	5.17	-154.32	-1.84	
	75	37.89	-0.68	15.97	-5.17	135.85	2.59	
55	74	-37.60	1.36	49.48	-3.59	-154.28	-2.40	
	75	37.60	-1.36	16.04	3.59	135.88	3.89	
56	74	16.47	-1.23	61.33	4.72	-73.77	2.17	
	75	-16.47	1.23	4.18	-4.72	42.34	-3.52	
57	74	16.94	-0.82	61.25	-6.29	-73.72	2.17	
	75	-16.94	0.82	4.27	6.29	42.39	-3.07	
58	74	16.56	-1.36	61.32	3.59	-73.77	2.45	
	75	-16.56	1.36	4.19	-3.59	42.35	-3.95	
59	74	16.85	-0.68	61.26	-5.17	-73.73	1.90	
	75	-16.85	0.68	4.26	5.17	42.38	-2.65	
60	74	-19.33	-0.73	53.77	18.11	-126.18	0.07	
	75	19.33	0.73	11.74	-18.11	103.07	-0.88	
61	74	-3.28	-0.64	57.31	18.59	-102.02	-0.02	
	75	3.28	0.64	8.20	-18.59	75.01	-0.69	
62	74	-19.48	-0.38	53.78	18.59	-126.18	-0.62	
	75	19.48	0.38	11.74	-18.59	103.07	0.20	
63	74	-3.14	-0.99	57.31	18.11	-102.02	0.67	
	75	3.14	0.99	8.21	-18.11	75.01	-1.76	
64	74	-17.76	0.64	53.49	-18.59	-126.02	0.07	
	75	17.76	-0.64	12.03	18.59	103.22	0.63	
65	74	-1.71	0.73	57.03	-18.12	-101.86	-0.02	
	75	1.71	-0.73	8.49	18.12	75.16	0.82	
66	74	-17.90	0.99	53.49	-18.11	-126.02	-0.62	
	75	17.90	-0.99	12.03	18.11	103.22	1.71	
67	74	-1.57	0.38	57.02	-18.59	-101.86	0.67	
	75	1.57	-0.38	8.49	18.59	75.17	-0.25	
68	74	-19.02	-1.17	53.74	14.37	-126.17	1.00	
	75	19.02	1.17	11.77	-14.37	103.09	-2.29	
69	74	-2.98	-1.09	57.28	14.85	-102.01	0.91	
	75	2.98	1.09	8.23	-14.85	75.03	-2.10	
70	74	-19.17	-0.82	53.75	14.85	-126.17	0.31	
	75	19.17	0.82	11.77	-14.85	103.09	-1.21	
71	74	-2.83	-1.44	57.28	14.37	-102.01	1.60	
	75	2.83	1.44	8.24	-14.37	75.04	-3.18	
72	74	-18.06	1.08	53.52	-14.85	-126.03	-0.85	
	75	18.06	-1.08	12.00	14.85	103.20	2.04	
73	74	-2.02	1.17	57.06	-14.37	-101.87	-0.94	
	75	2.02	-1.17	8.46	14.37	75.14	2.23	
74	74	-18.21	1.43	53.52	-14.37	-126.03	-1.54	
	75	18.21	-1.43	12.00	14.37	103.20	3.12	
75	74	-1.87	0.82	57.05	-14.85	-101.87	-0.25	
	75	1.87	-0.82	8.46	14.85	75.14	1.16	
100	1	75	-7.04	0.00	64.20	0.00	-69.13	0.03
		10	7.04	0.00	-42.20	0.00	15.93	-0.03

2	75	-3.48	0.00	30.63	0.00	-19.99	0.00
	10	3.48	0.00	6.93	0.00	8.14	0.00
3	75	-0.79	0.00	2.60	0.00	-4.76	0.01
	10	0.79	0.00	-2.60	0.00	2.16	-0.01
4	75	-1.20	-0.01	6.21	0.00	-9.15	0.02
	10	1.20	0.01	-6.21	0.00	2.94	-0.03
5	75	-1.35	0.02	-0.43	0.00	-2.30	-0.07
	10	1.35	-0.02	0.43	0.00	2.73	0.09
6	75	1.49	-0.02	1.03	0.00	2.39	0.07
	10	-1.49	0.02	-1.03	0.00	-3.42	-0.10
7	75	-0.05	-0.06	0.07	2.39	0.12	0.01
	10	0.05	0.06	-0.07	-2.39	-0.19	-0.06
8	75	0.06	0.06	0.04	-2.39	0.11	-0.01
	10	-0.06	-0.06	-0.04	2.39	-0.15	0.06
9	75	-16.98	0.01	131.45	0.00	-131.93	0.01
	10	16.98	-0.01	-54.02	0.00	39.19	0.00
10	75	-14.42	-0.04	132.76	0.00	-127.71	0.13
	10	14.42	0.04	-55.33	0.00	33.66	-0.17
11	75	-15.80	-0.06	131.89	2.15	-129.75	0.08
	10	15.80	0.06	-54.46	-2.15	36.57	-0.14
12	75	-15.71	0.04	131.86	-2.15	-129.76	0.06
	10	15.71	-0.04	-54.44	2.15	36.61	-0.02
13	75	-16.69	0.00	132.21	0.00	-131.64	0.01
	10	16.69	0.00	-54.78	0.00	38.15	0.00
14	75	-14.14	-0.04	133.52	0.00	-127.42	0.14
	10	14.14	0.04	-56.09	0.00	32.62	-0.17
15	75	-15.52	-0.06	132.65	2.15	-129.47	0.08
	10	15.52	0.06	-55.22	-2.15	35.53	-0.14
16	75	-15.42	0.04	132.62	-2.15	-129.48	0.06
	10	15.42	-0.04	-55.20	2.15	35.56	-0.03
17	75	-16.60	0.02	127.29	0.00	-126.17	-0.05
	10	16.60	-0.02	-49.86	0.00	37.59	0.07
18	75	-12.34	-0.04	129.48	0.00	-119.13	0.16
	10	12.34	0.04	-52.05	0.00	28.37	-0.21
19	75	-14.65	-0.09	128.03	3.58	-122.54	0.07
	10	14.65	0.09	-50.61	-3.58	33.22	-0.16
20	75	-14.49	0.08	127.99	-3.58	-122.55	0.04
	10	14.49	-0.08	-50.56	3.58	33.28	0.04
21	75	-12.72	0.00	100.27	0.00	-99.83	0.01
	10	12.72	0.00	-40.71	0.00	29.34	0.00
22	75	-11.02	-0.02	101.15	0.00	-97.02	0.09
	10	11.02	0.02	-41.59	0.00	25.65	-0.12
23	75	-11.94	-0.04	100.57	1.43	-98.38	0.05
	10	11.94	0.04	-41.01	-1.43	27.59	-0.10
24	75	-11.88	0.02	100.55	-1.43	-98.39	0.04
	10	11.88	-0.02	-40.99	1.43	27.62	-0.02
25	75	-12.53	0.00	100.78	0.00	-99.64	0.01
	10	12.53	0.00	-41.22	0.00	28.64	-0.01
26	75	-10.83	-0.02	101.66	0.00	-96.83	0.09
	10	10.83	0.02	-42.10	0.00	24.96	-0.12

27	75	-11.75	-0.04	101.08	1.43	-98.19	0.06
	10	11.75	0.04	-41.52	-1.43	26.89	-0.10
28	75	-11.69	0.02	101.06	-1.43	-98.20	0.05
	10	11.69	-0.02	-41.50	1.43	26.92	-0.02
29	75	-12.47	0.02	97.51	0.00	-95.99	-0.03
	10	12.47	-0.02	-37.95	0.00	28.27	0.05
30	75	-9.63	-0.03	98.96	0.00	-91.30	0.11
	10	9.63	0.03	-39.40	0.00	22.12	-0.14
31	75	-11.17	-0.06	98.00	2.39	-93.57	0.05
	10	11.17	0.06	-38.44	-2.39	25.35	-0.11
32	75	-11.06	0.05	97.97	-2.39	-93.58	0.03
	10	11.06	-0.05	-38.41	2.39	25.39	0.02
33	75	-10.52	0.00	94.82	0.00	-89.12	0.03
	10	10.52	0.00	-35.26	0.00	24.07	-0.03
34	75	-10.76	0.00	96.07	0.00	-90.94	0.03
	10	10.76	0.00	-36.51	0.00	24.66	-0.04
35	75	-10.79	0.00	94.74	0.00	-89.58	0.01
	10	10.79	0.00	-35.18	0.00	24.62	-0.01
36	75	-10.22	-0.01	95.03	0.00	-88.64	0.04
	10	10.22	0.01	-35.47	0.00	23.39	-0.05
37	75	-10.53	-0.01	94.84	0.48	-89.09	0.03
	10	10.53	0.01	-35.28	-0.48	24.03	-0.04
38	75	-10.51	0.01	94.83	-0.48	-89.09	0.03
	10	10.51	-0.01	-35.27	0.48	24.04	-0.02
39	75	-10.52	0.00	94.82	0.00	-89.12	0.03
	10	10.52	0.00	-35.26	0.00	24.07	-0.03
40	75	-26.75	-0.15	0.73	-0.79	-46.76	0.31
	10	26.75	0.15	-0.73	0.79	46.03	-0.46
41	75	-27.23	1.02	0.75	0.79	-46.75	-3.27
	10	27.23	-1.02	-0.75	-0.79	46.01	4.29
42	75	-0.79	-0.69	0.19	18.35	0.08	0.75
	10	0.79	0.69	-0.19	-18.35	-0.26	-1.44
43	75	-0.48	-1.13	0.15	14.61	0.05	2.17
	10	0.48	1.13	-0.15	-14.61	-0.20	-3.29
44	75	-37.50	-0.35	95.61	4.72	-135.86	0.57
	10	37.50	0.35	-36.05	-4.72	70.02	-0.92
45	75	-37.03	0.06	95.50	-6.29	-135.90	0.11
	10	37.03	-0.06	-35.94	6.29	70.18	-0.05
46	75	-37.41	-0.49	95.60	3.60	-135.86	0.99
	10	37.41	0.49	-36.04	-3.60	70.04	-1.47
47	75	-37.12	0.19	95.51	-5.17	-135.89	-0.31
	10	37.12	-0.19	-35.95	5.17	70.16	0.50
48	75	15.99	-0.06	94.15	6.29	-42.33	-0.06
	10	-15.99	0.06	-34.59	-6.29	-22.04	0.00
49	75	16.46	0.35	94.04	-4.72	-42.38	-0.51
	10	-16.46	-0.35	-34.48	4.72	-21.88	0.86
50	75	16.08	-0.19	94.14	5.17	-42.34	0.37
	10	-16.08	0.19	-34.58	-5.17	-22.02	-0.56
51	75	16.37	0.48	94.05	-3.60	-42.37	-0.93
	10	-16.37	-0.48	-34.49	3.60	-21.90	1.42

52	75	-37.98	0.81	95.63	6.29	-135.85	-3.01
	10	37.98	-0.81	-36.07	-6.29	70.00	3.83
53	75	-37.51	1.23	95.51	-4.72	-135.89	-3.47
	10	37.51	-1.23	-35.95	4.72	70.16	4.69
54	75	-37.89	0.68	95.61	5.17	-135.85	-2.59
	10	37.89	-0.68	-36.05	-5.17	70.02	3.27
55	75	-37.60	1.36	95.52	-3.59	-135.88	-3.89
	10	37.60	-1.36	-35.96	3.59	70.14	5.25
56	75	16.47	-1.23	94.14	4.72	-42.34	3.52
	10	-16.47	1.23	-34.58	-4.72	-22.02	-4.75
57	75	16.94	-0.82	94.02	-6.29	-42.39	3.07
	10	-16.94	0.82	-34.46	6.29	-21.86	-3.89
58	75	16.56	-1.36	94.12	3.59	-42.35	3.95
	10	-16.56	1.36	-34.56	-3.59	-22.00	-5.31
59	75	16.85	-0.68	94.03	-5.17	-42.38	2.65
	10	-16.85	0.68	-34.47	5.17	-21.88	-3.33
60	75	-19.33	-0.73	95.23	18.11	-103.07	0.88
	10	19.33	0.73	-35.67	-18.11	37.62	-1.61
61	75	-3.28	-0.64	94.79	18.59	-75.01	0.69
	10	3.28	0.64	-35.23	-18.59	10.00	-1.33
62	75	-19.48	-0.38	95.24	18.59	-103.07	-0.20
	10	19.48	0.38	-35.68	-18.59	37.61	-0.18
63	75	-3.14	-0.99	94.79	18.11	-75.01	1.76
	10	3.14	0.99	-35.23	-18.11	10.00	-2.76
64	75	-17.76	0.64	94.86	-18.59	-103.22	-0.63
	10	17.76	-0.64	-35.30	18.59	38.14	1.27
65	75	-1.71	0.73	94.42	-18.12	-75.16	-0.82
	10	1.71	-0.73	-34.86	18.12	10.53	1.55
66	75	-17.90	0.99	94.86	-18.11	-103.22	-1.71
	10	17.90	-0.99	-35.30	18.11	38.14	2.70
67	75	-1.57	0.38	94.41	-18.59	-75.17	0.25
	10	1.57	-0.38	-34.85	18.59	10.53	0.12
68	75	-19.02	-1.17	95.19	14.37	-103.09	2.29
	10	19.02	1.17	-35.63	-14.37	37.68	-3.46
69	75	-2.98	-1.09	94.75	14.85	-75.03	2.10
	10	2.98	1.09	-35.19	-14.85	10.06	-3.19
70	75	-19.17	-0.82	95.20	14.85	-103.09	1.21
	10	19.17	0.82	-35.64	-14.85	37.67	-2.04
71	75	-2.83	-1.44	94.75	14.37	-75.04	3.18
	10	2.83	1.44	-35.19	-14.37	10.06	-4.61
72	75	-18.06	1.08	94.89	-14.85	-103.20	-2.04
	10	18.06	-1.08	-35.33	14.85	38.08	3.13
73	75	-2.02	1.17	94.45	-14.37	-75.14	-2.23
	10	2.02	-1.17	-34.89	14.37	10.47	3.40
74	75	-18.21	1.43	94.90	-14.37	-103.20	-3.12
	10	18.21	-1.43	-35.34	14.37	38.08	4.55
75	75	-1.87	0.82	94.45	-14.85	-75.14	-1.16
	10	1.87	-0.82	-34.89	14.85	10.47	1.98

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	76	5.17	-0.05	52.42	3.69	47.31	-0.02
2	11	-2.73	0.02	7.00	-1.02	-4.21	0.02
	76	2.73	-0.02	21.61	1.02	11.51	-0.01
3	11	-0.54	0.01	-2.71	-0.51	-0.48	0.03
	76	0.54	-0.01	2.71	0.51	3.19	-0.02
4	11	-0.90	0.02	-5.96	-0.66	-0.82	0.05
	76	0.90	-0.02	5.96	0.66	6.79	-0.03
5	11	-14.16	-0.01	-0.44	0.46	2.39	-0.01
	76	14.16	0.01	0.44	-0.46	-1.96	0.00
6	11	14.24	0.01	0.29	-0.30	-2.36	0.02
	76	-14.24	-0.01	-0.29	0.30	2.08	0.00
7	11	0.40	0.12	-5.83	-2.45	3.75	0.39
	76	-0.40	-0.12	5.83	2.45	2.09	-0.26
8	11	-0.40	-0.12	5.89	2.63	-3.91	-0.39
	76	0.40	0.12	-5.89	-2.63	-1.98	0.26
9	11	-24.50	0.10	-43.28	-6.97	-10.35	0.19
	76	24.50	-0.10	105.17	6.97	84.57	-0.09
10	11	1.06	0.12	-42.62	-7.65	-14.63	0.22
	76	-1.06	-0.12	104.51	7.65	88.20	-0.09
11	11	-11.40	0.22	-48.13	-9.58	-9.13	0.55
	76	11.40	-0.22	110.02	9.58	88.21	-0.33
12	11	-12.12	0.00	-37.58	-5.01	-16.02	-0.15
	76	12.12	0.00	99.47	5.01	84.54	0.14
13	11	-24.36	0.10	-43.68	-6.69	-10.25	0.19
	76	24.36	-0.10	105.58	6.69	84.88	-0.09
14	11	1.19	0.12	-43.03	-7.37	-14.53	0.21
	76	-1.19	-0.12	104.92	7.37	88.51	-0.09
15	11	-11.27	0.22	-48.54	-9.31	-9.03	0.55
	76	11.27	-0.22	110.43	9.31	88.52	-0.33
16	11	-11.99	0.00	-37.98	-4.73	-15.92	-0.15
	76	11.99	0.00	99.88	4.73	84.85	0.15
17	11	-32.18	0.08	-39.47	-5.92	-8.20	0.15
	76	32.18	-0.08	101.37	5.92	78.62	-0.07
18	11	10.41	0.11	-38.38	-7.06	-15.34	0.19
	76	-10.41	-0.11	100.27	7.06	84.66	-0.07
19	11	-10.35	0.28	-47.56	-10.28	-6.17	0.74
	76	10.35	-0.28	109.46	10.28	84.68	-0.46
20	11	-11.55	-0.09	-29.97	-2.66	-17.65	-0.42
	76	11.55	0.09	91.87	2.66	78.57	0.33
21	11	-17.38	0.07	-32.37	-5.27	-8.04	0.14
	76	17.38	-0.07	79.98	5.27	64.22	-0.07
22	11	-0.35	0.09	-31.94	-5.73	-10.90	0.16
	76	0.35	-0.09	79.55	5.73	66.64	-0.07
23	11	-8.65	0.16	-35.61	-7.02	-7.23	0.38
	76	8.65	-0.16	83.22	7.02	66.65	-0.22
24	11	-9.13	0.01	-28.57	-3.97	-11.83	-0.09
	76	9.13	-0.01	76.18	3.97	64.21	0.09
25	11	-17.30	0.07	-32.64	-5.09	-7.98	0.14
	76	17.30	-0.07	80.25	5.09	64.43	-0.07
26	11	-0.26	0.09	-32.21	-5.54	-10.83	0.16

	76	0.26	-0.09	79.82	5.54	66.85	-0.07
27	11	-8.56	0.16	-35.88	-6.83	-7.17	0.38
	76	8.56	-0.16	83.49	6.83	66.85	-0.22
28	11	-9.04	0.01	-28.84	-3.78	-11.76	-0.09
	76	9.04	-0.01	76.45	3.78	64.41	0.09
29	11	-22.51	0.06	-29.84	-4.57	-6.61	0.11
	76	22.51	-0.06	77.45	4.57	60.25	-0.05
30	11	5.88	0.08	-29.11	-5.33	-11.37	0.14
	76	-5.88	-0.08	76.72	5.33	64.28	-0.05
31	11	-7.95	0.20	-35.23	-7.48	-5.26	0.51
	76	7.95	-0.20	82.84	7.48	64.30	-0.31
32	11	-8.75	-0.05	-23.51	-2.40	-12.91	-0.27
	76	8.75	0.05	71.12	2.40	60.22	0.21
33	11	-7.90	0.06	-26.42	-4.71	-8.59	0.09
	76	7.90	-0.06	74.03	4.71	58.82	-0.03
34	11	-8.08	0.07	-27.61	-4.84	-8.76	0.10
	76	8.08	-0.07	75.22	4.84	60.17	-0.04
35	11	-10.73	0.06	-26.51	-4.61	-8.11	0.09
	76	10.73	-0.06	74.12	4.61	58.42	-0.03
36	11	-5.05	0.06	-26.36	-4.77	-9.07	0.10
	76	5.05	-0.06	73.97	4.77	59.23	-0.03
37	11	-7.82	0.09	-27.58	-5.20	-7.84	0.17
	76	7.82	-0.09	75.19	5.20	59.23	-0.08
38	11	-7.98	0.04	-25.24	-4.18	-9.38	0.02
	76	7.98	-0.04	72.85	4.18	58.42	0.02
39	11	-7.90	0.06	-26.42	-4.71	-8.59	0.09
	76	7.90	-0.06	74.03	4.71	58.82	-0.03
40	11	-329.12	-0.36	-9.15	2.04	58.07	-0.50
	76	329.12	0.36	9.15	-2.04	-48.92	0.14
41	11	-285.88	-0.38	-3.45	3.60	48.40	-0.75
	76	285.88	0.38	3.45	-3.60	-44.96	0.37
42	11	15.11	1.21	-41.10	-17.46	22.66	4.19
	76	-15.11	-1.21	41.10	17.46	18.44	-2.97
43	11	-8.82	1.41	-49.94	-21.91	30.93	5.09
	76	8.82	-1.41	49.94	21.91	19.01	-3.69
44	11	-332.49	0.06	-47.90	-7.90	56.28	0.85
	76	332.49	-0.06	95.51	7.90	15.43	-0.78
45	11	-341.56	-0.66	-23.24	2.58	42.68	-1.67
	76	341.56	0.66	70.85	-2.58	4.36	1.00
46	11	-339.67	0.12	-50.55	-9.23	58.76	1.12
	76	339.67	-0.12	98.16	9.23	15.60	-1.00
47	11	-334.38	-0.72	-20.59	3.91	40.20	-1.94
	76	334.38	0.72	68.20	-3.91	4.19	1.22
48	11	325.76	0.79	-29.60	-11.99	-59.87	1.85
	76	-325.76	-0.79	77.21	11.99	113.27	-1.07
49	11	316.69	0.06	-4.93	-1.51	-73.46	-0.66
	76	-316.69	-0.06	52.54	1.51	102.20	0.72
50	11	318.58	0.85	-32.25	-13.32	-57.39	2.13
	76	-318.58	-0.85	79.86	13.32	113.44	-1.28
51	11	323.87	0.00	-2.28	-0.18	-75.95	-0.93

	76	-323.87	0.00	49.89	0.18	102.04	0.93
52	11	-289.25	0.05	-42.19	-6.35	46.61	0.60
	76	289.25	-0.05	89.80	6.35	19.39	-0.56
53	11	-298.31	-0.68	-17.53	4.13	33.01	-1.91
	76	298.31	0.68	65.14	-4.13	8.32	1.23
54	11	-296.43	0.10	-44.84	-7.68	49.09	0.88
	76	296.43	-0.10	92.45	7.68	19.56	-0.77
55	11	-291.13	-0.74	-14.88	5.46	30.53	-2.18
	76	291.13	0.74	62.49	-5.46	8.16	1.44
56	11	282.51	0.81	-35.30	-13.54	-50.20	2.09
	76	-282.51	-0.81	82.91	13.54	109.31	-1.29
57	11	273.44	0.08	-10.64	-3.06	-63.79	-0.42
	76	-273.44	-0.08	58.25	3.06	98.24	0.50
58	11	275.33	0.86	-37.95	-14.87	-47.72	2.37
	76	-275.33	-0.86	85.56	14.87	109.48	-1.50
59	11	280.62	0.02	-7.99	-1.73	-66.28	-0.69
	76	-280.62	-0.02	55.60	1.73	98.07	0.71
60	11	-91.53	1.16	-70.26	-21.56	31.49	4.13
	76	91.53	-1.16	117.87	21.56	62.58	-2.96
61	11	105.94	1.38	-64.77	-22.78	-3.36	4.43
	76	-105.94	-1.38	112.38	22.78	91.94	-3.05
62	11	-78.56	1.16	-68.55	-21.09	28.58	4.06
	76	78.56	-1.16	116.16	21.09	63.77	-2.90
63	11	92.97	1.39	-66.48	-23.25	-0.46	4.50
	76	-92.97	-1.39	114.09	23.25	90.75	-3.12
64	11	-121.75	-1.26	11.94	13.37	-13.83	-4.24
	76	121.75	1.26	35.67	-13.37	25.69	2.99
65	11	75.73	-1.04	17.43	12.14	-48.67	-3.94
	76	-75.73	1.04	30.18	-12.14	55.05	2.90
66	11	-108.77	-1.26	13.65	13.84	-16.73	-4.32
	76	108.77	1.26	33.96	-13.84	26.88	3.05
67	11	62.75	-1.03	15.72	11.68	-45.77	-3.87
	76	-62.75	1.03	31.89	-11.68	53.86	2.83
68	11	-115.46	1.36	-79.10	-26.00	39.76	5.03
	76	115.46	-1.36	126.71	26.00	63.15	-3.68
69	11	82.01	1.58	-73.61	-27.23	4.91	5.34
	76	-82.01	-1.58	121.22	27.23	92.50	-3.76
70	11	-102.49	1.35	-77.39	-25.53	36.86	4.96
	76	102.49	-1.35	125.00	25.53	64.34	-3.61
71	11	69.04	1.58	-75.32	-27.69	7.82	5.41
	76	-69.04	-1.58	122.93	27.69	91.31	-3.83
72	11	-97.82	-1.45	20.77	17.81	-22.10	-5.15
	76	97.82	1.45	26.84	-17.81	25.13	3.70
73	11	99.66	-1.23	26.27	16.59	-56.95	-4.85
	76	-99.66	1.23	21.34	-16.59	54.49	3.61
74	11	-84.84	-1.46	22.49	18.28	-25.00	-5.22
	76	84.84	1.46	25.12	-18.28	26.32	3.76
75	11	86.68	-1.23	24.55	16.12	-54.05	-4.77
	76	-86.68	1.23	23.06	-16.12	53.30	3.54

102	1	76	-5.17	0.05	-9.14	-3.69	-47.31	0.02
		77	5.17	-0.05	30.04	3.69	68.85	0.03
	2	76	-2.73	0.02	14.35	-1.02	-11.51	0.01
		77	2.73	-0.02	17.12	1.02	13.03	0.01
	3	76	-0.54	0.01	-1.15	-0.51	-3.19	0.02
		77	0.54	-0.01	1.15	0.51	4.45	-0.01
	4	76	-0.90	0.02	-2.69	-0.66	-6.79	0.03
		77	0.90	-0.02	2.69	0.66	9.75	-0.01
	5	76	-14.16	-0.01	-0.77	0.46	1.96	0.00
		77	14.16	0.01	0.77	-0.46	-1.11	-0.02
	6	76	14.24	0.01	0.64	-0.30	-2.08	0.00
		77	-14.24	-0.01	-0.64	0.30	1.37	0.01
	7	76	0.40	0.12	-3.99	-2.45	-2.09	0.26
		77	-0.40	-0.12	3.99	2.45	6.48	-0.13
	8	76	-0.40	-0.12	4.07	2.63	1.98	-0.26
		77	0.40	0.12	-4.07	-2.63	-6.46	0.13
	9	76	-24.50	0.10	2.35	-6.97	-84.57	0.09
		77	24.50	-0.10	65.73	6.97	119.43	0.01
	10	76	1.06	0.12	3.61	-7.65	-88.20	0.09
		77	-1.06	-0.12	64.47	7.65	121.67	0.04
	11	76	-11.40	0.22	-0.56	-9.58	-88.21	0.33
		77	11.40	-0.22	68.64	9.58	126.27	-0.08
	12	76	-12.12	0.00	6.70	-5.01	-84.54	-0.14
		77	12.12	0.00	61.38	5.01	114.62	0.14
	13	76	-24.36	0.10	2.05	-6.69	-84.88	0.09
		77	24.36	-0.10	66.03	6.69	120.06	0.01
	14	76	1.19	0.12	3.32	-7.37	-88.51	0.09
		77	-1.19	-0.12	64.76	7.37	122.30	0.04
	15	76	-11.27	0.22	-0.85	-9.31	-88.52	0.33
		77	11.27	-0.22	68.94	9.31	126.90	-0.08
	16	76	-11.99	0.00	6.40	-4.73	-84.85	-0.15
		77	11.99	0.00	61.68	4.73	115.25	0.14
	17	76	-32.18	0.08	3.61	-5.92	-78.62	0.07
		77	32.18	-0.08	64.47	5.92	112.09	0.01
	18	76	10.41	0.11	5.72	-7.06	-84.66	0.07
		77	-10.41	-0.11	62.36	7.06	115.82	0.06
	19	76	-10.35	0.28	-1.23	-10.28	-84.68	0.46
		77	10.35	-0.28	69.31	10.28	123.48	-0.15
	20	76	-11.55	-0.09	10.86	-2.66	-78.57	-0.33
		77	11.55	0.09	57.22	2.66	104.07	0.23
	21	76	-17.38	0.07	2.26	-5.27	-64.22	0.07
		77	17.38	-0.07	50.11	5.27	90.54	0.01
	22	76	-0.35	0.09	3.11	-5.73	-66.64	0.07
		77	0.35	-0.09	49.27	5.73	92.03	0.03
	23	76	-8.65	0.16	0.32	-7.02	-66.65	0.22
		77	8.65	-0.16	52.05	7.02	95.10	-0.05
	24	76	-9.13	0.01	5.16	-3.97	-64.21	-0.09
		77	9.13	-0.01	47.21	3.97	87.33	0.10
	25	76	-17.30	0.07	2.06	-5.09	-64.43	0.07
		77	17.30	-0.07	50.31	5.09	90.96	0.01

26	76	-0.26	0.09	2.91	-5.54	-66.85	0.07
	77	0.26	-0.09	49.46	5.54	92.45	0.03
27	76	-8.56	0.16	0.13	-6.83	-66.85	0.22
	77	8.56	-0.16	52.24	6.83	95.52	-0.05
28	76	-9.04	0.01	4.96	-3.78	-64.41	-0.09
	77	9.04	-0.01	47.41	3.78	87.75	0.10
29	76	-22.51	0.06	3.10	-4.57	-60.25	0.05
	77	22.51	-0.06	49.27	4.57	85.64	0.01
30	76	5.88	0.08	4.51	-5.33	-64.28	0.05
	77	-5.88	-0.08	47.86	5.33	88.13	0.04
31	76	-7.95	0.20	-0.13	-7.48	-64.30	0.31
	77	7.95	-0.20	52.50	7.48	93.24	-0.10
32	76	-8.75	-0.05	7.94	-2.40	-60.22	-0.21
	77	8.75	0.05	44.43	2.40	80.30	0.16
33	76	-7.90	0.06	5.22	-4.71	-58.82	0.03
	77	7.90	-0.06	47.16	4.71	81.88	0.04
34	76	-8.08	0.07	4.68	-4.84	-60.17	0.04
	77	8.08	-0.07	47.69	4.84	83.83	0.03
35	76	-10.73	0.06	5.06	-4.61	-58.42	0.03
	77	10.73	-0.06	47.31	4.61	81.66	0.03
36	76	-5.05	0.06	5.34	-4.77	-59.23	0.03
	77	5.05	-0.06	47.03	4.77	82.16	0.04
37	76	-7.82	0.09	4.42	-5.20	-59.23	0.08
	77	7.82	-0.09	47.95	5.20	83.18	0.01
38	76	-7.98	0.04	6.03	-4.18	-58.42	-0.02
	77	7.98	-0.04	46.34	4.18	80.59	0.06
39	76	-7.90	0.06	5.22	-4.71	-58.82	0.03
	77	7.90	-0.06	47.16	4.71	81.88	0.04
40	76	-329.12	-0.36	-16.46	2.04	48.92	-0.14
	77	329.12	0.36	16.46	-2.04	-30.82	-0.26
41	76	-285.88	-0.38	-10.93	3.60	44.96	-0.37
	77	285.88	0.38	10.93	-3.60	-32.94	-0.05
42	76	15.11	1.21	-26.26	-17.46	-18.44	2.97
	77	-15.11	-1.21	26.26	17.46	47.33	-1.64
43	76	-8.82	1.41	-32.22	-21.91	-19.01	3.69
	77	8.82	-1.41	32.22	21.91	54.45	-2.14
44	76	-332.49	0.06	-19.12	-7.90	-15.43	0.78
	77	332.49	-0.06	71.49	7.90	65.26	-0.71
45	76	-341.56	-0.66	-3.36	2.58	-4.36	-1.00
	77	341.56	0.66	55.73	-2.58	36.86	0.27
46	76	-339.67	0.12	-20.91	-9.23	-15.60	1.00
	77	339.67	-0.12	73.28	9.23	67.40	-0.86
47	76	-334.38	-0.72	-1.57	3.91	-4.19	-1.22
	77	334.38	0.72	53.94	-3.91	34.73	0.42
48	76	325.76	0.79	13.79	-11.99	-113.27	1.07
	77	-325.76	-0.79	38.58	11.99	126.90	-0.20
49	76	316.69	0.06	29.55	-1.51	-102.20	-0.72
	77	-316.69	-0.06	22.82	1.51	98.50	0.79
50	76	318.58	0.85	12.00	-13.32	-113.44	1.28
	77	-318.58	-0.85	40.37	13.32	129.04	-0.35

51	76	323.87	0.00	31.34	-0.18	-102.04	-0.93
	77	-323.87	0.00	21.03	0.18	96.37	0.94
52	76	-289.25	0.05	-13.59	-6.35	-19.39	0.56
	77	289.25	-0.05	65.96	6.35	63.15	-0.51
53	76	-298.31	-0.68	2.16	4.13	-8.32	-1.23
	77	298.31	0.68	50.21	-4.13	34.75	0.48
54	76	-296.43	0.10	-15.38	-7.68	-19.56	0.77
	77	296.43	-0.10	67.75	7.68	65.28	-0.66
55	76	-291.13	-0.74	3.95	5.46	-8.16	-1.44
	77	291.13	0.74	48.42	-5.46	32.61	0.63
56	76	282.51	0.81	8.27	-13.54	-109.31	1.29
	77	-282.51	-0.81	44.10	13.54	129.02	-0.40
57	76	273.44	0.08	24.02	-3.06	-98.24	-0.50
	77	-273.44	-0.08	28.35	3.06	100.62	0.58
58	76	275.33	0.86	6.48	-14.87	-109.48	1.50
	77	-275.33	-0.86	45.89	14.87	131.15	-0.55
59	76	280.62	0.02	25.81	-1.73	-98.07	-0.71
	77	-280.62	-0.02	26.56	1.73	98.48	0.73
60	76	-91.53	1.16	-25.98	-21.56	-62.58	2.96
	77	91.53	-1.16	78.35	21.56	119.97	-1.68
61	76	105.94	1.38	-16.11	-22.78	-91.94	3.05
	77	-105.94	-1.38	68.48	22.78	138.46	-1.53
62	76	-78.56	1.16	-24.32	-21.09	-63.77	2.90
	77	78.56	-1.16	76.69	21.09	119.33	-1.62
63	76	92.97	1.39	-17.76	-23.25	-90.75	3.12
	77	-92.97	-1.39	70.14	23.25	139.09	-1.59
64	76	-121.75	-1.26	26.54	13.37	-25.69	-2.99
	77	121.75	1.26	25.83	-13.37	25.31	1.60
65	76	75.73	-1.04	36.41	12.14	-55.05	-2.90
	77	-75.73	1.04	15.96	-12.14	43.80	1.76
66	76	-108.77	-1.26	28.20	13.84	-26.88	-3.05
	77	108.77	1.26	24.18	-13.84	24.67	1.66
67	76	62.75	-1.03	34.75	11.68	-53.86	-2.83
	77	-62.75	1.03	17.62	-11.68	44.43	1.70
68	76	-115.46	1.36	-31.94	-26.00	-63.15	3.68
	77	115.46	-1.36	84.32	26.00	127.09	-2.18
69	76	82.01	1.58	-22.07	-27.23	-92.50	3.76
	77	-82.01	-1.58	74.44	27.23	145.58	-2.03
70	76	-102.49	1.35	-30.29	-25.53	-64.34	3.61
	77	102.49	-1.35	82.66	25.53	126.45	-2.12
71	76	69.04	1.58	-23.73	-27.69	-91.31	3.83
	77	-69.04	-1.58	76.10	27.69	146.22	-2.09
72	76	-97.82	-1.45	32.50	17.81	-25.13	-3.70
	77	97.82	1.45	19.87	-17.81	18.18	2.10
73	76	99.66	-1.23	42.38	16.59	-54.49	-3.61
	77	-99.66	1.23	9.99	-16.59	36.68	2.25
74	76	-84.84	-1.46	34.16	18.28	-26.32	-3.76
	77	84.84	1.46	18.21	-18.28	17.55	2.16
75	76	86.68	-1.23	40.72	16.12	-53.30	-3.54
	77	-86.68	1.23	11.65	-16.12	37.31	2.19

103	1	77	-5.17	0.05	12.83	-3.69	-68.85	-0.03
		78	5.17	-0.05	8.07	3.69	66.24	0.08
	2	77	-2.73	0.02	19.12	-1.02	-13.03	-0.01
		78	2.73	-0.02	12.35	1.02	9.30	0.03
	3	77	-0.54	0.01	0.42	-0.51	-4.45	0.01
		78	0.54	-0.01	-0.42	0.51	3.99	0.01
	4	77	-0.90	0.02	0.54	-0.66	-9.75	0.01
		78	0.90	-0.02	-0.54	0.66	9.15	0.01
	5	77	-14.16	-0.01	-1.06	0.46	1.11	0.02
		78	14.16	0.01	1.06	-0.46	0.05	-0.03
	6	77	14.24	0.01	0.94	-0.30	-1.37	-0.01
		78	-14.24	-0.01	-0.94	0.30	0.33	0.03
	7	77	0.40	0.12	-2.44	-2.45	-6.48	0.13
		78	-0.40	-0.12	2.44	2.45	9.16	0.01
	8	77	-0.40	-0.12	2.53	2.63	6.46	-0.13
		78	0.40	0.12	-2.53	-2.63	-9.24	-0.01
	9	77	-24.50	0.10	41.62	-6.97	-119.43	-0.01
		78	24.50	-0.10	26.47	6.97	111.10	0.12
	10	77	1.06	0.12	43.42	-7.65	-121.67	-0.04
		78	-1.06	-0.12	24.66	7.65	111.35	0.17
	11	77	-11.40	0.22	40.37	-9.58	-126.27	0.08
		78	11.40	-0.22	27.71	9.58	119.30	0.16
	12	77	-12.12	0.00	44.85	-5.01	-114.62	-0.14
		78	12.12	0.00	23.24	5.01	102.74	0.14
	13	77	-24.36	0.10	41.39	-6.69	-120.06	-0.01
		78	24.36	-0.10	26.69	6.69	111.98	0.12
	14	77	1.19	0.12	43.20	-7.37	-122.30	-0.04
		78	-1.19	-0.12	24.89	7.37	112.23	0.17
	15	77	-11.27	0.22	40.15	-9.31	-126.90	0.08
		78	11.27	-0.22	27.93	9.31	120.18	0.16
	16	77	-11.99	0.00	44.62	-4.73	-115.25	-0.14
		78	11.99	0.00	23.46	4.73	103.61	0.14
	17	77	-32.18	0.08	40.35	-5.92	-112.09	-0.01
		78	32.18	-0.08	27.73	5.92	105.14	0.10
	18	77	10.41	0.11	43.36	-7.06	-115.82	-0.06
		78	-10.41	-0.11	24.72	7.06	105.57	0.18
	19	77	-10.35	0.28	38.28	-10.28	-123.48	0.15
		78	10.35	-0.28	29.80	10.28	118.81	0.16
	20	77	-11.55	-0.09	45.74	-2.66	-104.07	-0.23
		78	11.55	0.09	22.35	2.66	91.21	0.12
	21	77	-17.38	0.07	32.00	-5.27	-90.54	-0.01
		78	17.38	-0.07	20.37	5.27	84.14	0.10
	22	77	-0.35	0.09	33.21	-5.73	-92.03	-0.03
		78	0.35	-0.09	19.16	5.73	84.31	0.13
	23	77	-8.65	0.16	31.18	-7.02	-95.10	0.05
		78	8.65	-0.16	21.20	7.02	89.61	0.12
	24	77	-9.13	0.01	34.16	-3.97	-87.33	-0.10
		78	9.13	-0.01	18.21	3.97	78.56	0.11
	25	77	-17.30	0.07	31.86	-5.09	-90.96	-0.01

	78	17.30	-0.07	20.52	5.09	84.72	0.10
26	77	-0.26	0.09	33.06	-5.54	-92.45	-0.03
	78	0.26	-0.09	19.31	5.54	84.89	0.13
27	77	-8.56	0.16	31.03	-6.83	-95.52	0.05
	78	8.56	-0.16	21.34	6.83	90.19	0.12
28	77	-9.04	0.01	34.01	-3.78	-87.75	-0.10
	78	9.04	-0.01	18.36	3.78	79.15	0.11
29	77	-22.51	0.06	31.16	-4.57	-85.64	-0.01
	78	22.51	-0.06	21.21	4.57	80.17	0.08
30	77	5.88	0.08	33.17	-5.33	-88.13	-0.04
	78	-5.88	-0.08	19.21	5.33	80.45	0.14
31	77	-7.95	0.20	29.78	-7.48	-93.24	0.10
	78	7.95	-0.20	22.59	7.48	89.28	0.12
32	77	-8.75	-0.05	34.75	-2.40	-80.30	-0.16
	78	8.75	0.05	17.62	2.40	70.88	0.10
33	77	-7.90	0.06	31.95	-4.71	-81.88	-0.04
	78	7.90	-0.06	20.42	4.71	75.54	0.10
34	77	-8.08	0.07	32.06	-4.84	-83.83	-0.03
	78	8.08	-0.07	20.31	4.84	77.37	0.11
35	77	-10.73	0.06	31.74	-4.61	-81.66	-0.03
	78	10.73	-0.06	20.63	4.61	75.55	0.10
36	77	-5.05	0.06	32.14	-4.77	-82.16	-0.04
	78	5.05	-0.06	20.23	4.77	75.61	0.11
37	77	-7.82	0.09	31.46	-5.20	-83.18	-0.01
	78	7.82	-0.09	20.91	5.20	77.37	0.11
38	77	-7.98	0.04	32.46	-4.18	-80.59	-0.06
	78	7.98	-0.04	19.91	4.18	73.69	0.10
39	77	-7.90	0.06	31.95	-4.71	-81.88	-0.04
	78	7.90	-0.06	20.42	4.71	75.54	0.10
40	77	-329.12	-0.36	-22.84	2.04	30.82	0.26
	78	329.12	0.36	22.84	-2.04	-5.70	-0.66
41	77	-285.88	-0.38	-17.32	3.60	32.94	0.05
	78	285.88	0.38	17.32	-3.60	-13.89	-0.47
42	77	15.11	1.21	-13.15	-17.46	-47.33	1.64
	78	-15.11	-1.21	13.15	17.46	61.79	-0.31
43	77	-8.82	1.41	-16.64	-21.91	-54.45	2.14
	78	8.82	-1.41	16.64	21.91	72.75	-0.59
44	77	-332.49	0.06	5.17	-7.90	-65.26	0.71
	78	332.49	-0.06	47.20	7.90	88.38	-0.65
45	77	-341.56	-0.66	13.06	2.58	-36.86	-0.27
	78	341.56	0.66	39.31	-2.58	51.30	-0.46
46	77	-339.67	0.12	4.12	-9.23	-67.40	0.86
	78	339.67	-0.12	48.25	9.23	91.67	-0.73
47	77	-334.38	-0.72	14.11	3.91	-34.73	-0.42
	78	334.38	0.72	38.27	-3.91	48.01	-0.37
48	77	325.76	0.79	50.84	-11.99	-126.90	0.20
	78	-325.76	-0.79	1.53	11.99	99.78	0.67
49	77	316.69	0.06	58.73	-1.51	-98.50	-0.79
	78	-316.69	-0.06	-6.36	1.51	62.70	0.86
50	77	318.58	0.85	49.80	-13.32	-129.04	0.35

	78	-318.58	-0.85	2.57	13.32	103.07	0.58
51	77	323.87	0.00	59.78	-0.18	-96.37	-0.94
	78	-323.87	0.00	-7.41	0.18	59.42	0.94
52	77	-289.25	0.05	10.69	-6.35	-63.15	0.51
	78	289.25	-0.05	41.68	6.35	80.19	-0.46
53	77	-298.31	-0.68	18.58	4.13	-34.75	-0.48
	78	298.31	0.68	33.79	-4.13	43.12	-0.27
54	77	-296.43	0.10	9.64	-7.68	-65.28	0.66
	78	296.43	-0.10	42.73	7.68	83.48	-0.54
55	77	-291.13	-0.74	19.62	5.46	-32.61	-0.63
	78	291.13	0.74	32.75	-5.46	39.83	-0.19
56	77	282.51	0.81	45.32	-13.54	-129.02	0.40
	78	-282.51	-0.81	7.05	13.54	107.96	0.48
57	77	273.44	0.08	53.21	-3.06	-100.62	-0.58
	78	-273.44	-0.08	-0.84	3.06	70.89	0.67
58	77	275.33	0.86	44.28	-14.87	-131.15	0.55
	78	-275.33	-0.86	8.09	14.87	111.25	0.40
59	77	280.62	0.02	54.26	-1.73	-98.48	-0.73
	78	-280.62	-0.02	-1.89	1.73	67.60	0.75
60	77	-91.53	1.16	11.95	-21.56	-119.97	1.68
	78	91.53	-1.16	40.42	21.56	135.62	-0.40
61	77	105.94	1.38	25.65	-22.78	-138.46	1.53
	78	-105.94	-1.38	26.72	22.78	139.04	-0.01
62	77	-78.56	1.16	13.61	-21.09	-119.33	1.62
	78	78.56	-1.16	38.76	21.09	133.17	-0.35
63	77	92.97	1.39	24.00	-23.25	-139.09	1.59
	78	-92.97	-1.39	28.37	23.25	141.50	-0.07
64	77	-121.75	-1.26	38.25	13.37	-25.31	-1.60
	78	121.75	1.26	14.12	-13.37	12.04	0.22
65	77	75.73	-1.04	51.95	12.14	-43.80	-1.76
	78	-75.73	1.04	0.42	-12.14	15.46	0.61
66	77	-108.77	-1.26	39.90	13.84	-24.67	-1.66
	78	108.77	1.26	12.47	-13.84	9.58	0.27
67	77	62.75	-1.03	50.29	11.68	-44.43	-1.70
	78	-62.75	1.03	2.08	-11.68	17.91	0.56
68	77	-115.46	1.36	8.46	-26.00	-127.09	2.18
	78	115.46	-1.36	43.91	26.00	146.58	-0.69
69	77	82.01	1.58	22.17	-27.23	-145.58	2.03
	78	-82.01	-1.58	30.21	27.23	150.00	-0.29
70	77	-102.49	1.35	10.12	-25.53	-126.45	2.12
	78	102.49	-1.35	42.25	25.53	144.13	-0.63
71	77	69.04	1.58	20.51	-27.69	-146.22	2.09
	78	-69.04	-1.58	31.86	27.69	152.46	-0.35
72	77	-97.82	-1.45	41.74	17.81	-18.18	-2.10
	78	97.82	1.45	10.63	-17.81	1.08	0.50
73	77	99.66	-1.23	55.44	16.59	-36.68	-2.25
	78	-99.66	1.23	-3.07	-16.59	4.50	0.90
74	77	-84.84	-1.46	43.39	18.28	-17.55	-2.16
	78	84.84	1.46	8.98	-18.28	-1.38	0.56
75	77	86.68	-1.23	53.78	16.12	-37.31	-2.19

		78	-86.68	1.23	-1.41	-16.12	6.95	0.84
104	1	78	-5.17	0.05	34.65	-3.69	-66.24	-0.08
		79	5.17	-0.05	-13.75	3.69	39.62	0.13
	2	78	-2.73	0.02	24.20	-1.02	-9.30	-0.03
		79	2.73	-0.02	7.27	1.02	-0.01	0.05
	3	78	-0.54	0.01	2.01	-0.51	-3.99	-0.01
		79	0.54	-0.01	-2.01	0.51	1.78	0.02
	4	78	-0.90	0.02	3.77	-0.66	-9.15	-0.01
		79	0.90	-0.02	-3.77	0.66	5.01	0.03
	5	78	-14.16	-0.01	-1.32	0.46	-0.05	0.03
		79	14.16	0.01	1.32	-0.46	1.51	-0.04
	6	78	14.24	0.01	1.21	-0.30	-0.33	-0.03
		79	-14.24	-0.01	-1.21	0.30	-1.00	0.04
	7	78	0.40	0.12	-1.14	-2.45	-9.16	-0.01
		79	-0.40	-0.12	1.14	2.45	10.42	0.15
	8	78	-0.40	-0.12	1.26	2.63	9.24	0.01
		79	0.40	0.12	-1.26	-2.63	-10.62	-0.15
	9	78	-24.50	0.10	81.15	-6.97	-111.10	-0.12
		79	24.50	-0.10	-13.07	6.97	59.28	0.23
	10	78	1.06	0.12	83.43	-7.65	-111.35	-0.17
		79	-1.06	-0.12	-15.35	7.65	57.02	0.31
	11	78	-11.40	0.22	81.32	-9.58	-119.30	-0.16
		79	11.40	-0.22	-13.23	9.58	67.30	0.40
	12	78	-12.12	0.00	83.47	-5.01	-102.74	-0.14
		79	12.12	0.00	-15.39	5.01	48.36	0.14
	13	78	-24.36	0.10	80.97	-6.69	-111.98	-0.12
		79	24.36	-0.10	-12.88	6.69	60.36	0.23
	14	78	1.19	0.12	83.25	-7.37	-112.23	-0.17
		79	-1.19	-0.12	-15.16	7.37	58.10	0.31
	15	78	-11.27	0.22	81.13	-9.31	-120.18	-0.16
		79	11.27	-0.22	-13.05	9.31	68.38	0.40
	16	78	-11.99	0.00	83.29	-4.73	-103.61	-0.14
		79	11.99	0.00	-15.21	4.73	49.44	0.13
	17	78	-32.18	0.08	77.35	-5.92	-105.14	-0.10
		79	32.18	-0.08	-9.26	5.92	57.51	0.18
	18	78	10.41	0.11	81.15	-7.06	-105.57	-0.18
		79	-10.41	-0.11	-13.06	7.06	53.75	0.31
	19	78	-10.35	0.28	77.62	-10.28	-118.81	-0.16
		79	10.35	-0.28	-9.54	10.28	70.87	0.47
	20	78	-11.55	-0.09	81.22	-2.66	-91.21	-0.12
		79	11.55	0.09	-13.13	2.66	39.31	0.02
	21	78	-17.38	0.07	61.95	-5.27	-84.14	-0.10
		79	17.38	-0.07	-9.58	5.27	44.80	0.18
	22	78	-0.35	0.09	63.47	-5.73	-84.31	-0.13
		79	0.35	-0.09	-11.10	5.73	43.30	0.23
	23	78	-8.65	0.16	62.06	-7.02	-89.61	-0.12
		79	8.65	-0.16	-9.69	7.02	50.15	0.29
	24	78	-9.13	0.01	63.49	-3.97	-78.56	-0.11
		79	9.13	-0.01	-11.12	3.97	37.52	0.11

25	78	-17.30	0.07	61.82	-5.09	-84.72	-0.10
	79	17.30	-0.07	-9.45	5.09	45.52	0.18
26	78	-0.26	0.09	63.34	-5.54	-84.89	-0.13
	79	0.26	-0.09	-10.97	5.54	44.02	0.23
27	78	-8.56	0.16	61.94	-6.83	-90.19	-0.12
	79	8.56	-0.16	-9.56	6.83	50.87	0.29
28	78	-9.04	0.01	63.37	-3.78	-79.15	-0.11
	79	9.04	-0.01	-11.00	3.78	38.24	0.11
29	78	-22.51	0.06	59.41	-4.57	-80.17	-0.08
	79	22.51	-0.06	-7.04	4.57	43.62	0.15
30	78	5.88	0.08	61.94	-5.33	-80.45	-0.14
	79	-5.88	-0.08	-9.57	5.33	41.12	0.23
31	78	-7.95	0.20	59.60	-7.48	-89.28	-0.12
	79	7.95	-0.20	-7.22	7.48	52.53	0.33
32	78	-8.75	-0.05	61.99	-2.40	-70.88	-0.10
	79	8.75	0.05	-9.62	2.40	31.49	0.04
33	78	-7.90	0.06	58.85	-4.71	-75.54	-0.10
	79	7.90	-0.06	-6.48	4.71	39.61	0.17
34	78	-8.08	0.07	59.60	-4.84	-77.37	-0.11
	79	8.08	-0.07	-7.23	4.84	40.61	0.18
35	78	-10.73	0.06	58.58	-4.61	-75.55	-0.10
	79	10.73	-0.06	-6.21	4.61	39.91	0.16
36	78	-5.05	0.06	59.09	-4.77	-75.61	-0.11
	79	5.05	-0.06	-6.72	4.77	39.41	0.18
37	78	-7.82	0.09	58.62	-5.20	-77.37	-0.11
	79	7.82	-0.09	-6.25	5.20	41.69	0.20
38	78	-7.98	0.04	59.10	-4.18	-73.69	-0.10
	79	7.98	-0.04	-6.73	4.18	37.49	0.14
39	78	-7.90	0.06	58.85	-4.71	-75.54	-0.10
	79	7.90	-0.06	-6.48	4.71	39.61	0.17
40	78	-329.12	-0.36	-28.41	2.04	5.70	0.66
	79	329.12	0.36	28.41	-2.04	25.55	-1.06
41	78	-285.88	-0.38	-22.74	3.60	13.89	0.47
	79	285.88	0.38	22.74	-3.60	11.13	-0.89
42	78	15.11	1.21	-1.59	-17.46	-61.79	0.31
	79	-15.11	-1.21	1.59	17.46	63.54	1.02
43	78	-8.82	1.41	-2.96	-21.91	-72.75	0.59
	79	8.82	-1.41	2.96	21.91	76.01	0.95
44	78	-332.49	0.06	29.96	-7.90	-88.38	0.65
	79	332.49	-0.06	-22.41	7.90	84.23	-0.58
45	78	-341.56	-0.66	30.91	2.58	-51.30	0.46
	79	341.56	0.66	-21.46	-2.58	46.10	-1.19
46	78	-339.67	0.12	29.55	-9.23	-91.67	0.73
	79	339.67	-0.12	-22.82	9.23	87.97	-0.60
47	78	-334.38	-0.72	31.32	3.91	-48.01	0.37
	79	334.38	0.72	-21.05	-3.91	42.36	-1.17
48	78	325.76	0.79	86.79	-11.99	-99.78	-0.67
	79	-325.76	-0.79	-34.42	11.99	33.12	1.54
49	78	316.69	0.06	87.74	-1.51	-62.70	-0.86
	79	-316.69	-0.06	-35.37	1.51	-5.01	0.92

50	78	318.58	0.85	86.38	-13.32	-103.07	-0.58
	79	-318.58	-0.85	-34.00	13.32	36.86	1.51
51	78	323.87	0.00	88.15	-0.18	-59.42	-0.94
	79	-323.87	0.00	-35.78	0.18	-8.75	0.94
52	78	-289.25	0.05	35.63	-6.35	-80.19	0.46
	79	289.25	-0.05	16.74	6.35	69.80	-0.41
53	78	-298.31	-0.68	36.58	4.13	-43.12	0.27
	79	298.31	0.68	15.79	-4.13	31.68	-1.02
54	78	-296.43	0.10	35.22	-7.68	-83.48	0.54
	79	296.43	-0.10	17.15	7.68	73.54	-0.43
55	78	-291.13	-0.74	37.00	5.46	-39.83	0.19
	79	291.13	0.74	15.38	-5.46	27.94	-1.00
56	78	282.51	0.81	81.12	-13.54	-107.96	-0.48
	79	-282.51	-0.81	-28.74	13.54	47.54	1.37
57	78	273.44	0.08	82.07	-3.06	-70.89	-0.67
	79	-273.44	-0.08	-29.70	3.06	9.42	0.76
58	78	275.33	0.86	80.70	-14.87	-111.25	-0.40
	79	-275.33	-0.86	-28.33	14.87	51.28	1.35
59	78	280.62	0.02	82.48	-1.73	-67.60	-0.75
	79	-280.62	-0.02	-30.11	1.73	5.68	0.78
60	78	-91.53	1.16	48.74	-21.56	-135.62	0.40
	79	91.53	-1.16	3.63	21.56	110.81	0.88
61	78	105.94	1.38	65.79	-22.78	-139.04	0.01
	79	-105.94	-1.38	-13.42	22.78	95.48	1.51
62	78	-78.56	1.16	50.44	-21.09	-133.17	0.35
	79	78.56	-1.16	1.93	21.09	106.49	0.93
63	78	92.97	1.39	64.09	-23.25	-141.50	0.07
	79	-92.97	-1.39	-11.71	23.25	99.81	1.46
64	78	-121.75	-1.26	51.91	13.37	-12.04	-0.22
	79	121.75	1.26	0.46	-13.37	-16.26	-1.16
65	78	75.73	-1.04	68.96	12.14	-15.46	-0.61
	79	-75.73	1.04	-16.59	-12.14	-31.59	-0.53
66	78	-108.77	-1.26	53.61	13.84	-9.58	-0.27
	79	108.77	1.26	-1.24	-13.84	-20.59	-1.11
67	78	62.75	-1.03	67.26	11.68	-17.91	-0.56
	79	-62.75	1.03	-14.89	-11.68	-27.27	-0.58
68	78	-115.46	1.36	47.37	-26.00	-146.58	0.69
	79	115.46	-1.36	5.01	26.00	123.28	0.81
69	78	82.01	1.58	64.41	-27.23	-150.00	0.29
	79	-82.01	-1.58	-12.04	27.23	107.95	1.44
70	78	-102.49	1.35	49.07	-25.53	-144.13	0.63
	79	102.49	-1.35	3.30	25.53	118.96	0.86
71	78	69.04	1.58	62.71	-27.69	-152.46	0.35
	79	-69.04	-1.58	-10.34	27.69	112.28	1.39
72	78	-97.82	-1.45	53.29	17.81	-1.08	-0.50
	79	97.82	1.45	-0.91	-17.81	-28.73	-1.09
73	78	99.66	-1.23	70.33	16.59	-4.50	-0.90
	79	-99.66	1.23	-17.96	-16.59	-44.06	-0.46
74	78	-84.84	-1.46	54.99	18.28	1.38	-0.56
	79	84.84	1.46	-2.62	-18.28	-33.06	-1.04

	75	78	86.68	-1.23	68.63	16.12	-6.95	-0.84
		79	-86.68	1.23	-16.26	-16.12	-39.74	-0.51
105	1	79	-5.17	0.05	56.56	-3.69	-39.62	-0.13
		80	5.17	-0.05	-35.66	3.69	-11.10	0.17
	2	79	-2.73	0.02	29.63	-1.02	0.01	-0.05
		80	2.73	-0.02	1.84	1.02	-15.29	0.07
	3	79	-0.54	0.01	3.63	-0.51	-1.78	-0.02
		80	0.54	-0.01	-3.63	0.51	-2.21	0.03
	4	79	-0.90	0.02	7.03	-0.66	-5.01	-0.03
		80	0.90	-0.02	-7.03	0.66	-2.73	0.05
	5	79	-14.16	-0.01	-1.56	0.46	-1.51	0.04
		80	14.16	0.01	1.56	-0.46	3.22	-0.05
	6	79	14.24	0.01	1.44	-0.30	1.00	-0.04
		80	-14.24	-0.01	-1.44	0.30	-2.58	0.06
	7	79	0.40	0.12	-0.06	-2.45	-10.42	-0.15
		80	-0.40	-0.12	0.06	2.45	10.48	0.28
	8	79	-0.40	-0.12	0.21	2.63	10.62	0.15
		80	0.40	0.12	-0.21	-2.63	-10.85	-0.29
	9	79	-24.50	0.10	121.35	-6.97	-59.28	-0.23
		80	24.50	-0.10	-53.27	6.97	-36.77	0.34
	10	79	1.06	0.12	124.05	-7.65	-57.02	-0.31
		80	-1.06	-0.12	-55.97	7.65	-41.99	0.44
	11	79	-11.40	0.22	122.71	-9.58	-67.30	-0.40
		80	11.40	-0.22	-54.62	9.58	-30.23	0.65
	12	79	-12.12	0.00	122.95	-5.01	-48.36	-0.14
		80	12.12	0.00	-54.86	5.01	-49.43	0.13
	13	79	-24.36	0.10	121.18	-6.69	-60.36	-0.23
		80	24.36	-0.10	-53.10	6.69	-35.50	0.34
	14	79	1.19	0.12	123.88	-7.37	-58.10	-0.31
		80	-1.19	-0.12	-55.80	7.37	-40.72	0.44
	15	79	-11.27	0.22	122.54	-9.31	-68.38	-0.40
		80	11.27	-0.22	-54.45	9.31	-28.96	0.64
	16	79	-11.99	0.00	122.78	-4.73	-49.44	-0.13
		80	11.99	0.00	-54.69	4.73	-48.17	0.13
	17	79	-32.18	0.08	114.97	-5.92	-57.51	-0.18
		80	32.18	-0.08	-46.89	5.92	-31.52	0.27
	18	79	10.41	0.11	119.47	-7.06	-53.75	-0.31
		80	-10.41	-0.11	-51.39	7.06	-40.22	0.44
	19	79	-10.35	0.28	117.23	-10.28	-70.87	-0.47
		80	10.35	-0.28	-49.14	10.28	-20.63	0.78
	20	79	-11.55	-0.09	117.63	-2.66	-39.31	-0.02
		80	11.55	0.09	-49.54	2.66	-52.63	-0.08
	21	79	-17.38	0.07	92.39	-5.27	-44.80	-0.18
		80	17.38	-0.07	-40.02	5.27	-28.03	0.26
	22	79	-0.35	0.09	94.19	-5.73	-43.30	-0.23
		80	0.35	-0.09	-41.82	5.73	-31.51	0.33
	23	79	-8.65	0.16	93.30	-7.02	-50.15	-0.29
		80	8.65	-0.16	-40.92	7.02	-23.67	0.46
	24	79	-9.13	0.01	93.46	-3.97	-37.52	-0.11

	80	9.13	-0.01	-41.09	3.97	-36.48	0.12
25	79	-17.30	0.07	92.28	-5.09	-45.52	-0.18
	80	17.30	-0.07	-39.91	5.09	-27.18	0.26
26	79	-0.26	0.09	94.08	-5.54	-44.02	-0.23
	80	0.26	-0.09	-41.71	5.54	-30.66	0.32
27	79	-8.56	0.16	93.18	-6.83	-50.87	-0.29
	80	8.56	-0.16	-40.81	6.83	-22.83	0.46
28	79	-9.04	0.01	93.34	-3.78	-38.24	-0.11
	80	9.04	-0.01	-40.97	3.78	-35.63	0.12
29	79	-22.51	0.06	88.14	-4.57	-43.62	-0.15
	80	22.51	-0.06	-35.77	4.57	-24.53	0.21
30	79	5.88	0.08	91.14	-5.33	-41.12	-0.23
	80	-5.88	-0.08	-38.77	5.33	-30.33	0.32
31	79	-7.95	0.20	89.64	-7.48	-52.53	-0.33
	80	7.95	-0.20	-37.27	7.48	-17.27	0.55
32	79	-8.75	-0.05	89.91	-2.40	-31.49	-0.04
	80	8.75	0.05	-37.54	2.40	-38.61	-0.02
33	79	-7.90	0.06	86.18	-4.71	-39.61	-0.17
	80	7.90	-0.06	-33.81	4.71	-26.39	0.24
34	79	-8.08	0.07	87.59	-4.84	-40.61	-0.18
	80	8.08	-0.07	-35.22	4.84	-26.93	0.25
35	79	-10.73	0.06	85.87	-4.61	-39.91	-0.16
	80	10.73	-0.06	-33.50	4.61	-25.74	0.23
36	79	-5.05	0.06	86.47	-4.77	-39.41	-0.18
	80	5.05	-0.06	-34.10	4.77	-26.90	0.25
37	79	-7.82	0.09	86.17	-5.20	-41.69	-0.20
	80	7.82	-0.09	-33.80	5.20	-24.29	0.30
38	79	-7.98	0.04	86.23	-4.18	-37.49	-0.14
	80	7.98	-0.04	-33.86	4.18	-28.56	0.18
39	79	-7.90	0.06	86.18	-4.71	-39.61	-0.17
	80	7.90	-0.06	-33.81	4.71	-26.39	0.24
40	79	-329.12	-0.36	-33.21	2.04	-25.55	1.06
	80	329.12	0.36	33.21	-2.04	62.09	-1.46
41	79	-285.88	-0.38	-27.26	3.60	-11.13	0.89
	80	285.88	0.38	27.26	-3.60	41.11	-1.31
42	79	15.11	1.21	8.68	-17.46	-63.54	-1.02
	80	-15.11	-1.21	-8.68	17.46	53.99	2.35
43	79	-8.82	1.41	9.10	-21.91	-76.01	-0.95
	80	8.82	-1.41	-9.10	21.91	66.00	2.50
44	79	-332.49	0.06	55.58	-7.90	-84.23	0.58
	80	332.49	-0.06	-3.21	7.90	51.90	-0.51
45	79	-341.56	-0.66	50.37	2.58	-46.10	1.19
	80	341.56	0.66	2.00	-2.58	19.50	-1.92
46	79	-339.67	0.12	55.70	-9.23	-87.97	0.60
	80	339.67	-0.12	-3.33	9.23	55.50	-0.47
47	79	-334.38	-0.72	50.25	3.91	-42.36	1.17
	80	334.38	0.72	2.13	-3.91	15.90	-1.96
48	79	325.76	0.79	122.00	-11.99	-33.12	-1.54
	80	-325.76	-0.79	-69.63	11.99	-72.28	2.40
49	79	316.69	0.06	116.79	-1.51	5.01	-0.92

	80	-316.69	-0.06	-64.42	1.51	-104.67	0.99
50	79	318.58	0.85	122.12	-13.32	-36.86	-1.51
	80	-318.58	-0.85	-69.75	13.32	-68.67	2.45
51	79	323.87	0.00	116.67	-0.18	8.75	-0.94
	80	-323.87	0.00	-64.29	0.18	-108.27	0.95
52	79	-289.25	0.05	61.53	-6.35	-69.80	0.41
	80	289.25	-0.05	-9.16	6.35	30.92	-0.36
53	79	-298.31	-0.68	56.32	4.13	-31.68	1.02
	80	298.31	0.68	-3.95	-4.13	-1.47	-1.77
54	79	-296.43	0.10	61.66	-7.68	-73.54	0.43
	80	296.43	-0.10	-9.29	7.68	34.52	-0.32
55	79	-291.13	-0.74	56.20	5.46	-27.94	1.00
	80	291.13	0.74	-3.83	-5.46	-5.08	-1.81
56	79	282.51	0.81	116.04	-13.54	-47.54	-1.37
	80	-282.51	-0.81	-63.67	13.54	-51.30	2.25
57	79	273.44	0.08	110.84	-3.06	-9.42	-0.76
	80	-273.44	-0.08	-58.47	3.06	-83.70	0.84
58	79	275.33	0.86	116.17	-14.87	-51.28	-1.35
	80	-275.33	-0.86	-63.80	14.87	-47.70	2.30
59	79	280.62	0.02	110.71	-1.73	-5.68	-0.78
	80	-280.62	-0.02	-58.34	1.73	-87.30	0.80
60	79	-91.53	1.16	84.90	-21.56	-110.81	-0.88
	80	91.53	-1.16	-32.53	21.56	46.23	2.16
61	79	105.94	1.38	104.82	-22.78	-95.48	-1.51
	80	-105.94	-1.38	-52.45	22.78	8.98	3.03
62	79	-78.56	1.16	86.68	-21.09	-106.49	-0.93
	80	78.56	-1.16	-34.31	21.09	39.94	2.20
63	79	92.97	1.39	103.04	-23.25	-99.81	-1.46
	80	-92.97	-1.39	-50.67	23.25	15.27	2.99
64	79	-121.75	-1.26	67.54	13.37	16.26	1.16
	80	121.75	1.26	-15.17	-13.37	-61.76	-2.55
65	79	75.73	-1.04	87.47	12.14	31.59	0.53
	80	-75.73	1.04	-35.10	-12.14	-99.01	-1.67
66	79	-108.77	-1.26	69.33	13.84	20.59	1.11
	80	108.77	1.26	-16.96	-13.84	-68.05	-2.50
67	79	62.75	-1.03	85.68	11.68	27.27	0.58
	80	-62.75	1.03	-33.31	-11.68	-92.72	-1.72
68	79	-115.46	1.36	85.32	-26.00	-123.28	-0.81
	80	115.46	-1.36	-32.95	26.00	58.24	2.30
69	79	82.01	1.58	105.24	-27.23	-107.95	-1.44
	80	-82.01	-1.58	-52.87	27.23	20.99	3.17
70	79	-102.49	1.35	87.10	-25.53	-118.96	-0.86
	80	102.49	-1.35	-34.73	25.53	51.95	2.35
71	79	69.04	1.58	103.46	-27.69	-112.28	-1.39
	80	-69.04	-1.58	-51.09	27.69	27.28	3.13
72	79	-97.82	-1.45	67.13	17.81	28.73	1.09
	80	97.82	1.45	-14.75	-17.81	-73.76	-2.69
73	79	99.66	-1.23	87.05	16.59	44.06	0.46
	80	-99.66	1.23	-34.68	-16.59	-111.02	-1.82
74	79	-84.84	-1.46	68.91	18.28	33.06	1.04

		80	84.84	1.46	-16.54	-18.28	-80.06	-2.65
	75	79	86.68	-1.23	85.26	16.12	39.74	0.51
		80	-86.68	1.23	-32.89	-16.12	-104.72	-1.86
106	1	80	-5.17	0.05	78.71	-3.69	11.10	-0.17
		12	5.17	-0.05	-59.71	3.69	-80.30	0.22
	2	80	-2.73	0.02	35.37	-1.02	15.29	-0.07
		12	2.73	-0.02	-6.76	1.02	-36.36	0.08
	3	80	-0.54	0.01	5.30	-0.51	2.21	-0.03
		12	0.54	-0.01	-5.30	0.51	-7.51	0.04
	4	80	-0.90	0.02	10.35	-0.66	2.73	-0.05
		12	0.90	-0.02	-10.35	0.66	-13.08	0.07
	5	80	-14.16	-0.01	-1.76	0.46	-3.22	0.05
		12	14.16	0.01	1.76	-0.46	4.98	-0.07
	6	80	14.24	0.01	1.62	-0.30	2.58	-0.06
		12	-14.24	-0.01	-1.62	0.30	-4.20	0.07
	7	80	0.40	0.12	0.85	-2.45	-10.48	-0.28
		12	-0.40	-0.12	-0.85	2.45	9.63	0.41
	8	80	-0.40	-0.12	-0.66	2.63	10.85	0.29
		12	0.40	0.12	0.66	-2.63	-10.20	-0.41
	9	80	-24.50	0.10	162.42	-6.97	36.77	-0.34
		12	24.50	-0.10	-100.53	6.97	-168.24	0.44
	10	80	1.06	0.12	165.47	-7.65	41.99	-0.44
		12	-1.06	-0.12	-103.57	7.65	-176.51	0.56
	11	80	-11.40	0.22	164.77	-9.58	30.23	-0.65
		12	11.40	-0.22	-102.88	9.58	-164.06	0.87
	12	80	-12.12	0.00	163.42	-5.01	49.43	-0.13
		12	12.12	0.00	-101.52	5.01	-181.91	0.13
	13	80	-24.36	0.10	162.24	-6.69	35.50	-0.34
		12	24.36	-0.10	-100.34	6.69	-166.79	0.44
	14	80	1.19	0.12	165.28	-7.37	40.72	-0.44
		12	-1.19	-0.12	-103.39	7.37	-175.05	0.56
	15	80	-11.27	0.22	164.58	-9.31	28.96	-0.64
		12	11.27	-0.22	-102.69	9.31	-162.60	0.86
	16	80	-11.99	0.00	163.23	-4.73	48.17	-0.13
		12	11.99	0.00	-101.34	4.73	-180.45	0.13
	17	80	-32.18	0.08	153.42	-5.92	31.52	-0.27
		12	32.18	-0.08	-91.53	5.92	-153.99	0.35
	18	80	10.41	0.11	158.49	-7.06	40.22	-0.44
		12	-10.41	-0.11	-96.60	7.06	-167.76	0.55
	19	80	-10.35	0.28	157.33	-10.28	20.63	-0.78
		12	10.35	-0.28	-95.44	10.28	-147.02	1.06
	20	80	-11.55	-0.09	155.08	-2.66	52.63	0.08
		12	11.55	0.09	-93.19	2.66	-176.76	-0.17
	21	80	-17.38	0.07	123.49	-5.27	28.03	-0.26
		12	17.38	-0.07	-75.88	5.27	-127.72	0.34
	22	80	-0.35	0.09	125.52	-5.73	31.51	-0.33
		12	0.35	-0.09	-77.91	5.73	-133.23	0.42
	23	80	-8.65	0.16	125.06	-7.02	23.67	-0.46
		12	8.65	-0.16	-77.45	7.02	-124.93	0.62

24	80	-9.13	0.01	124.16	-3.97	36.48	-0.12
	12	9.13	-0.01	-76.55	3.97	-136.83	0.13
25	80	-17.30	0.07	123.37	-5.09	27.18	-0.26
	12	17.30	-0.07	-75.76	5.09	-126.75	0.33
26	80	-0.26	0.09	125.40	-5.54	30.66	-0.32
	12	0.26	-0.09	-77.79	5.54	-132.26	0.41
27	80	-8.56	0.16	124.93	-6.83	22.83	-0.46
	12	8.56	-0.16	-77.32	6.83	-123.96	0.62
28	80	-9.04	0.01	124.03	-3.78	35.63	-0.12
	12	9.04	-0.01	-76.42	3.78	-135.86	0.12
29	80	-22.51	0.06	117.49	-4.57	24.53	-0.21
	12	22.51	-0.06	-69.88	4.57	-118.22	0.27
30	80	5.88	0.08	120.87	-5.33	30.33	-0.32
	12	-5.88	-0.08	-73.26	5.33	-127.40	0.41
31	80	-7.95	0.20	120.10	-7.48	17.27	-0.55
	12	7.95	-0.20	-72.49	7.48	-113.57	0.75
32	80	-8.75	-0.05	118.60	-2.40	38.61	0.02
	12	8.75	0.05	-70.99	2.40	-133.40	-0.07
33	80	-7.90	0.06	114.08	-4.71	26.39	-0.24
	12	7.90	-0.06	-66.47	4.71	-116.66	0.30
34	80	-8.08	0.07	116.15	-4.84	26.93	-0.25
	12	8.08	-0.07	-68.54	4.84	-119.28	0.32
35	80	-10.73	0.06	113.73	-4.61	25.74	-0.23
	12	10.73	-0.06	-66.12	4.61	-115.67	0.29
36	80	-5.05	0.06	114.40	-4.77	26.90	-0.25
	12	5.05	-0.06	-66.79	4.77	-117.50	0.32
37	80	-7.82	0.09	114.25	-5.20	24.29	-0.30
	12	7.82	-0.09	-66.64	5.20	-114.74	0.38
38	80	-7.98	0.04	113.95	-4.18	28.56	-0.18
	12	7.98	-0.04	-66.34	4.18	-118.70	0.22
39	80	-7.90	0.06	114.08	-4.71	26.39	-0.24
	12	7.90	-0.06	-66.47	4.71	-116.66	0.30
40	80	-329.12	-0.36	-37.11	2.04	-62.09	1.46
	12	329.12	0.36	37.11	-2.04	99.20	-1.82
41	80	-285.88	-0.38	-30.81	3.60	-41.11	1.31
	12	285.88	0.38	30.81	-3.60	71.92	-1.69
42	80	15.11	1.21	17.90	-17.46	-53.99	-2.35
	12	-15.11	-1.21	-17.90	17.46	36.10	3.56
43	80	-8.82	1.41	19.84	-21.91	-66.00	-2.50
	12	8.82	-1.41	-19.84	21.91	46.16	3.90
44	80	-332.49	0.06	82.33	-7.90	-51.90	0.51
	12	332.49	-0.06	-34.72	7.90	-6.63	-0.45
45	80	-341.56	-0.66	71.60	2.58	-19.50	1.92
	12	341.56	0.66	-23.99	-2.58	-28.29	-2.58
46	80	-339.67	0.12	82.92	-9.23	-55.50	0.47
	12	339.67	-0.12	-35.31	9.23	-3.61	-0.34
47	80	-334.38	-0.72	71.01	3.91	-15.90	1.96
	12	334.38	0.72	-23.40	-3.91	-31.31	-2.69
48	80	325.76	0.79	156.56	-11.99	72.28	-2.40
	12	-325.76	-0.79	-108.95	11.99	-205.03	3.19

49	80	316.69	0.06	145.82	-1.51	104.67	-0.99
	12	-316.69	-0.06	-98.21	1.51	-226.69	1.05
50	80	318.58	0.85	157.14	-13.32	68.67	-2.45
	12	-318.58	-0.85	-109.53	13.32	-202.01	3.29
51	80	323.87	0.00	145.24	-0.18	108.27	-0.95
	12	-323.87	0.00	-97.63	0.18	-229.71	0.95
52	80	-289.25	0.05	88.64	-6.35	-30.92	0.36
	12	289.25	-0.05	-41.03	6.35	-33.91	-0.32
53	80	-298.31	-0.68	77.90	4.13	1.47	1.77
	12	298.31	0.68	-30.29	-4.13	-55.57	-2.45
54	80	-296.43	0.10	89.22	-7.68	-34.52	0.32
	12	296.43	-0.10	-41.61	7.68	-30.89	-0.21
55	80	-291.13	-0.74	77.32	5.46	5.08	1.81
	12	291.13	0.74	-29.71	-5.46	-58.59	-2.55
56	80	282.51	0.81	150.26	-13.54	51.30	-2.25
	12	-282.51	-0.81	-102.65	13.54	-177.76	3.06
57	80	273.44	0.08	139.52	-3.06	83.70	-0.84
	12	-273.44	-0.08	-91.91	3.06	-199.41	0.92
58	80	275.33	0.86	150.84	-14.87	47.70	-2.30
	12	-275.33	-0.86	-103.23	14.87	-174.74	3.16
59	80	280.62	0.02	138.94	-1.73	87.30	-0.80
	12	-280.62	-0.02	-91.33	1.73	-202.43	0.82
60	80	-91.53	1.16	120.84	-21.56	-46.23	-2.16
	12	91.53	-1.16	-73.23	21.56	-50.80	3.32
61	80	105.94	1.38	143.11	-22.78	-8.98	-3.03
	12	-105.94	-1.38	-95.50	22.78	-110.32	4.41
62	80	-78.56	1.16	122.73	-21.09	-39.94	-2.20
	12	78.56	-1.16	-75.12	21.09	-58.99	3.36
63	80	92.97	1.39	141.22	-23.25	-15.27	-2.99
	12	-92.97	-1.39	-93.61	23.25	-102.14	4.37
64	80	-121.75	-1.26	85.05	13.37	61.76	2.55
	12	121.75	1.26	-37.44	-13.37	-123.00	-3.80
65	80	75.73	-1.04	107.32	12.14	99.01	1.67
	12	-75.73	1.04	-59.71	-12.14	-182.52	-2.71
66	80	-108.77	-1.26	86.94	13.84	68.05	2.50
	12	108.77	1.26	-39.33	-13.84	-131.18	-3.77
67	80	62.75	-1.03	105.43	11.68	92.72	1.72
	12	-62.75	1.03	-57.82	-11.68	-174.34	-2.75
68	80	-115.46	1.36	122.78	-26.00	-58.24	-2.30
	12	115.46	-1.36	-75.17	26.00	-40.74	3.66
69	80	82.01	1.58	145.05	-27.23	-20.99	-3.17
	12	-82.01	-1.58	-97.44	27.23	-100.26	4.75
70	80	-102.49	1.35	124.67	-25.53	-51.95	-2.35
	12	102.49	-1.35	-77.06	25.53	-48.92	3.70
71	80	69.04	1.58	143.16	-27.69	-27.28	-3.13
	12	-69.04	-1.58	-95.55	27.69	-92.08	4.71
72	80	-97.82	-1.45	83.11	17.81	73.76	2.69
	12	97.82	1.45	-35.50	-17.81	-133.07	-4.14
73	80	99.66	-1.23	105.37	16.59	111.02	1.82
	12	-99.66	1.23	-57.76	-16.59	-192.59	-3.05

	74	80	-84.84	-1.46	85.00	18.28	80.06	2.65
		12	84.84	1.46	-37.39	-18.28	-141.25	-4.10
	75	80	86.68	-1.23	103.48	16.12	104.72	1.86
		12	-86.68	1.23	-55.87	-16.12	-184.40	-3.09
107	1	12	-2.65	0.06	-51.21	0.95	83.89	0.26
		81	2.65	-0.06	70.21	-0.95	-23.18	-0.20
	2	12	-4.57	0.02	-4.42	0.36	31.37	0.08
		81	4.57	-0.02	33.03	-0.36	-12.65	-0.07
	3	12	-0.71	0.00	-4.53	0.09	7.02	0.02
		81	0.71	0.00	4.53	-0.09	-2.48	-0.01
	4	12	-0.81	0.01	-8.92	0.21	12.99	0.03
		81	0.81	-0.01	8.92	-0.21	-4.06	-0.02
	5	12	-9.67	-0.05	-1.71	0.14	6.40	-0.16
		81	9.67	0.05	1.71	-0.14	-4.69	0.11
	6	12	9.87	0.05	1.85	-0.14	-6.89	0.15
		81	-9.87	-0.05	-1.85	0.14	5.04	-0.10
	7	12	1.82	-0.05	-0.65	-0.41	-5.86	-0.17
		81	-1.82	0.05	0.65	0.41	6.51	0.12
	8	12	-1.88	0.05	0.50	0.46	6.26	0.17
		81	1.88	-0.05	-0.50	-0.46	-6.76	-0.12
	9	12	-19.75	0.07	-87.35	2.11	175.87	0.34
		81	19.75	-0.07	149.24	-2.11	-57.58	-0.28
	10	12	-2.16	0.16	-84.15	1.86	163.91	0.63
		81	2.16	-0.16	146.04	-1.86	-48.82	-0.47
	11	12	-9.41	0.07	-86.40	1.62	164.84	0.34
		81	9.41	-0.07	148.29	-1.62	-47.49	-0.27
	12	12	-12.73	0.16	-85.36	2.40	175.75	0.64
		81	12.73	-0.16	147.25	-2.40	-59.44	-0.48
	13	12	-19.29	0.07	-87.24	2.13	175.09	0.34
		81	19.29	-0.07	149.13	-2.13	-56.90	-0.27
	14	12	-1.71	0.16	-84.04	1.88	163.13	0.62
		81	1.71	-0.16	145.93	-1.88	-48.14	-0.46
	15	12	-8.95	0.06	-86.29	1.64	164.06	0.33
		81	8.95	-0.06	148.18	-1.64	-46.82	-0.26
	16	12	-12.28	0.16	-85.25	2.42	174.97	0.64
		81	12.28	-0.16	147.15	-2.42	-58.77	-0.48
	17	12	-24.49	0.03	-81.57	2.06	169.19	0.22
		81	24.49	-0.03	143.47	-2.06	-56.67	-0.19
	18	12	4.82	0.18	-76.24	1.64	149.25	0.69
		81	-4.82	-0.18	138.13	-1.64	-42.07	-0.51
	19	12	-7.26	0.03	-79.99	1.24	150.80	0.21
		81	7.26	-0.03	141.88	-1.24	-39.86	-0.18
	20	12	-12.80	0.19	-78.26	2.54	168.99	0.72
		81	12.80	-0.19	140.15	-2.54	-59.78	-0.53
	21	12	-14.13	0.05	-65.65	1.58	132.62	0.27
		81	14.13	-0.05	113.26	-1.58	-43.16	-0.22
	22	12	-2.40	0.12	-63.51	1.41	124.64	0.46
		81	2.40	-0.12	111.12	-1.41	-37.32	-0.35
	23	12	-7.23	0.05	-65.02	1.25	125.26	0.27

	81	7.23	-0.05	112.63	-1.25	-36.44	-0.21
24	12	-9.45	0.12	-64.32	1.77	132.54	0.47
	81	9.45	-0.12	111.93	-1.77	-44.41	-0.36
25	12	-13.82	0.05	-65.58	1.60	132.10	0.27
	81	13.82	-0.05	113.19	-1.60	-42.71	-0.22
26	12	-2.10	0.12	-63.44	1.43	124.12	0.46
	81	2.10	-0.12	111.05	-1.43	-36.87	-0.34
27	12	-6.93	0.05	-64.95	1.27	124.74	0.26
	81	6.93	-0.05	112.56	-1.27	-35.99	-0.21
28	12	-9.15	0.12	-64.25	1.79	132.01	0.47
	81	9.15	-0.12	111.86	-1.79	-43.96	-0.35
29	12	-17.29	0.03	-61.80	1.55	128.16	0.19
	81	17.29	-0.03	109.41	-1.55	-42.56	-0.16
30	12	2.25	0.13	-58.24	1.27	114.87	0.51
	81	-2.25	-0.13	105.85	-1.27	-32.82	-0.38
31	12	-5.80	0.03	-60.74	1.00	115.90	0.18
	81	5.80	-0.03	108.35	-1.00	-31.35	-0.15
32	12	-9.50	0.13	-59.59	1.87	128.03	0.52
	81	9.50	-0.13	107.20	-1.87	-44.63	-0.39
33	12	-7.22	0.08	-55.63	1.31	115.27	0.34
	81	7.22	-0.08	103.24	-1.31	-35.83	-0.26
34	12	-7.38	0.08	-57.41	1.35	117.87	0.35
	81	7.38	-0.08	105.02	-1.35	-36.65	-0.27
35	12	-9.15	0.07	-55.97	1.34	116.55	0.31
	81	9.15	-0.07	103.58	-1.34	-36.77	-0.24
36	12	-5.24	0.09	-55.26	1.28	113.89	0.37
	81	5.24	-0.09	102.87	-1.28	-34.83	-0.28
37	12	-6.85	0.07	-55.76	1.23	114.10	0.31
	81	6.85	-0.07	103.37	-1.23	-34.53	-0.24
38	12	-7.59	0.09	-55.53	1.40	116.52	0.37
	81	7.59	-0.09	103.14	-1.40	-37.19	-0.29
39	12	-7.22	0.08	-55.63	1.31	115.27	0.34
	81	7.22	-0.08	103.24	-1.31	-35.83	-0.26
40	12	-226.43	-1.31	-43.55	3.75	161.89	-4.03
	81	226.43	1.31	43.55	-3.75	-118.33	2.72
41	12	-197.04	-0.96	-40.42	3.17	154.47	-2.77
	81	197.04	0.96	40.42	-3.17	-114.05	1.81
42	12	22.71	-0.20	-17.37	-3.37	-15.91	-1.24
	81	-22.71	0.20	17.37	3.37	33.28	1.04
43	12	6.71	-0.47	-22.52	-6.07	-5.16	-2.15
	81	-6.71	0.47	22.52	6.07	27.67	1.68
44	12	-226.84	-1.29	-104.39	4.04	272.38	-4.06
	81	226.84	1.29	152.00	-4.04	-144.18	2.77
45	12	-240.46	-1.17	-93.97	6.07	281.93	-3.32
	81	240.46	1.17	141.58	-6.07	-164.15	2.15
46	12	-231.64	-1.37	-105.94	3.23	275.61	-4.33
	81	231.64	1.37	153.55	-3.23	-145.87	2.96
47	12	-235.67	-1.09	-92.43	6.88	278.70	-3.05
	81	235.67	1.09	140.04	-6.88	-162.47	1.96
48	12	226.03	1.33	-17.29	-3.45	-51.39	4.00

	81	-226.03	-1.33	64.90	3.45	92.48	-2.67
49	12	212.40	1.44	-6.87	-1.43	-41.84	4.74
	81	-212.40	-1.44	54.48	1.43	72.52	-3.30
50	12	221.23	1.24	-18.83	-4.26	-48.16	3.73
	81	-221.23	-1.24	66.44	4.26	90.80	-2.48
51	12	217.20	1.52	-5.32	-0.62	-45.07	5.01
	81	-217.20	-1.52	52.93	0.62	74.20	-3.49
52	12	-197.45	-0.94	-101.26	3.47	264.97	-2.81
	81	197.45	0.94	148.87	-3.47	-139.90	1.87
53	12	-211.07	-0.82	-90.84	5.49	274.51	-2.06
	81	211.07	0.82	138.45	-5.49	-159.87	1.24
54	12	-202.24	-1.02	-102.81	2.66	268.19	-3.08
	81	202.24	1.02	150.42	-2.66	-141.58	2.06
55	12	-206.27	-0.74	-89.30	6.30	271.29	-1.79
	81	206.27	0.74	136.91	-6.30	-158.19	1.05
56	12	196.63	0.98	-20.42	-2.87	-43.98	2.74
	81	-196.63	-0.98	68.03	2.87	88.20	-1.76
57	12	183.01	1.10	-10.00	-0.85	-34.43	3.49
	81	-183.01	-1.10	57.61	0.85	68.23	-2.39
58	12	191.84	0.90	-21.96	-3.68	-40.75	2.47
	81	-191.84	-0.90	69.57	3.68	86.52	-1.57
59	12	187.81	1.18	-8.45	-0.04	-37.65	3.76
	81	-187.81	-1.18	56.06	0.04	69.91	-2.58
60	12	-52.44	-0.51	-86.06	-0.94	147.92	-2.11
	81	52.44	0.51	133.67	0.94	-38.06	1.60
61	12	83.42	0.27	-59.93	-3.18	50.79	0.31
	81	-83.42	-0.27	107.54	3.18	32.94	-0.04
62	12	-43.62	-0.40	-85.12	-1.11	145.70	-1.73
	81	43.62	0.40	132.73	1.11	-36.77	1.33
63	12	74.60	0.17	-60.87	-3.01	53.02	-0.07
	81	-74.60	-0.17	108.48	3.01	31.66	0.24
64	12	-97.85	-0.12	-51.33	5.80	179.75	0.37
	81	97.85	0.12	98.94	-5.80	-104.61	-0.49
65	12	38.01	0.67	-25.20	3.55	82.62	2.79
	81	-38.01	-0.67	72.81	-3.55	-33.61	-2.12
66	12	-89.04	-0.01	-50.39	5.63	177.52	0.75
	81	89.04	0.01	98.00	-5.63	-103.33	-0.76
67	12	29.19	0.56	-26.14	3.73	84.84	2.41
	81	-29.19	-0.56	73.75	-3.73	-34.90	-1.85
68	12	-68.44	-0.78	-91.21	-3.64	158.68	-3.01
	81	68.44	0.78	138.82	3.64	-43.66	2.23
69	12	67.43	0.00	-65.08	-5.89	61.55	-0.60
	81	-67.43	0.00	112.69	5.89	27.34	0.60
70	12	-59.62	-0.68	-90.27	-3.81	156.46	-2.64
	81	59.62	0.68	137.88	3.81	-42.38	1.96
71	12	58.61	-0.10	-66.02	-5.72	63.77	-0.97
	81	-58.61	0.10	113.63	5.72	26.05	0.87
72	12	-81.86	0.16	-46.18	8.51	168.99	1.28
	81	81.86	-0.16	93.79	-8.51	-99.01	-1.12
73	12	54.00	0.94	-20.05	6.26	71.86	3.69

		81	-54.00	-0.94	67.66	-6.26	-28.01	-2.75
	74	12	-73.04	0.26	-45.24	8.33	166.77	1.65
		81	73.04	-0.26	92.85	-8.33	-97.72	-1.39
	75	12	45.18	0.84	-20.99	6.43	74.08	3.32
		81	-45.18	-0.84	68.60	-6.43	-29.29	-2.48
108	1	81	-2.65	0.06	-27.05	0.95	23.18	0.20
		82	2.65	-0.06	47.95	-0.95	18.07	-0.13
	2	81	-4.57	0.02	4.54	0.36	12.65	0.07
		82	4.57	-0.02	26.93	-0.36	-0.34	-0.05
	3	81	-0.71	0.00	-2.83	0.09	2.48	0.01
		82	0.71	0.00	2.83	-0.09	0.63	-0.01
	4	81	-0.81	0.01	-5.57	0.21	4.06	0.02
		82	0.81	-0.01	5.57	-0.21	2.06	-0.01
	5	81	-9.67	-0.05	-1.82	0.14	4.69	-0.11
		82	9.67	0.05	1.82	-0.14	-2.68	0.05
	6	81	9.87	0.05	1.94	-0.14	-5.04	0.10
		82	-9.87	-0.05	-1.94	0.14	2.90	-0.05
	7	81	1.82	-0.05	0.03	-0.41	-6.51	-0.12
		82	-1.82	0.05	-0.03	0.41	6.48	0.06
	8	81	-1.88	0.05	-0.14	0.46	6.76	0.12
		82	1.88	-0.05	0.14	-0.46	-6.61	-0.06
	9	81	-19.75	0.07	-39.33	2.11	57.58	0.28
		82	19.75	-0.07	107.41	-2.11	23.13	-0.20
	10	81	-2.16	0.16	-35.93	1.86	48.82	0.47
		82	2.16	-0.16	104.02	-1.86	28.16	-0.30
	11	81	-9.41	0.07	-37.65	1.62	47.49	0.27
		82	9.41	-0.07	105.74	-1.62	31.37	-0.20
	12	81	-12.73	0.16	-37.81	2.40	59.44	0.48
		82	12.73	-0.16	105.89	-2.40	19.59	-0.30
	13	81	-19.29	0.07	-39.26	2.13	56.90	0.27
		82	19.29	-0.07	107.35	-2.13	23.74	-0.20
	14	81	-1.71	0.16	-35.87	1.88	48.14	0.46
		82	1.71	-0.16	103.96	-1.88	28.77	-0.29
	15	81	-8.95	0.06	-37.59	1.64	46.82	0.26
		82	8.95	-0.06	105.68	-1.64	31.98	-0.19
	16	81	-12.28	0.16	-37.75	2.42	58.77	0.48
		82	12.28	-0.16	105.83	-2.42	20.20	-0.30
	17	81	-24.49	0.03	-36.18	2.06	56.67	0.19
		82	24.49	-0.03	104.26	-2.06	20.58	-0.16
	18	81	4.82	0.18	-30.53	1.64	42.07	0.51
		82	-4.82	-0.18	98.61	-1.64	28.96	-0.31
	19	81	-7.26	0.03	-33.39	1.24	39.86	0.18
		82	7.26	-0.03	101.48	-1.24	34.32	-0.15
	20	81	-12.80	0.19	-33.65	2.54	59.78	0.53
		82	12.80	-0.19	101.73	-2.54	14.68	-0.33
	21	81	-14.13	0.05	-29.22	1.58	43.16	0.22
		82	14.13	-0.05	81.59	-1.58	17.78	-0.16
	22	81	-2.40	0.12	-26.96	1.41	37.32	0.35
		82	2.40	-0.12	79.33	-1.41	21.13	-0.22

23	81	-7.23	0.05	-28.10	1.25	36.44	0.21
	82	7.23	-0.05	80.47	-1.25	23.28	-0.16
24	81	-9.45	0.12	-28.21	1.77	44.41	0.36
	82	9.45	-0.12	80.58	-1.77	15.42	-0.23
25	81	-13.82	0.05	-29.18	1.60	42.71	0.22
	82	13.82	-0.05	81.55	-1.60	18.19	-0.16
26	81	-2.10	0.12	-26.92	1.43	36.87	0.34
	82	2.10	-0.12	79.29	-1.43	21.54	-0.22
27	81	-6.93	0.05	-28.06	1.27	35.99	0.21
	82	6.93	-0.05	80.43	-1.27	23.68	-0.15
28	81	-9.15	0.12	-28.17	1.79	43.96	0.35
	82	9.15	-0.12	80.54	-1.79	15.83	-0.22
29	81	-17.29	0.03	-27.12	1.55	42.56	0.16
	82	17.29	-0.03	79.49	-1.55	16.08	-0.13
30	81	2.25	0.13	-23.36	1.27	32.82	0.38
	82	-2.25	-0.13	75.73	-1.27	21.67	-0.23
31	81	-5.80	0.03	-25.26	1.00	31.35	0.15
	82	5.80	-0.03	77.64	-1.00	25.24	-0.12
32	81	-9.50	0.13	-25.44	1.87	44.63	0.39
	82	9.50	-0.13	77.81	-1.87	12.15	-0.24
33	81	-7.22	0.08	-22.51	1.31	35.83	0.26
	82	7.22	-0.08	74.88	-1.31	17.73	-0.18
34	81	-7.38	0.08	-23.63	1.35	36.65	0.27
	82	7.38	-0.08	76.00	-1.35	18.15	-0.18
35	81	-9.15	0.07	-22.88	1.34	36.77	0.24
	82	9.15	-0.07	75.25	-1.34	17.20	-0.17
36	81	-5.24	0.09	-22.12	1.28	34.83	0.28
	82	5.24	-0.09	74.50	-1.28	18.31	-0.19
37	81	-6.85	0.07	-22.51	1.23	34.53	0.24
	82	6.85	-0.07	74.88	-1.23	19.03	-0.16
38	81	-7.59	0.09	-22.54	1.40	37.19	0.29
	82	7.59	-0.09	74.91	-1.40	16.41	-0.19
39	81	-7.22	0.08	-22.51	1.31	35.83	0.26
	82	7.22	-0.08	74.88	-1.31	17.73	-0.18
40	81	-226.43	-1.31	-45.50	3.75	118.33	-2.72
	82	226.43	1.31	45.50	-3.75	-68.29	1.29
41	81	-197.04	-0.96	-42.07	3.17	114.05	-1.81
	82	197.04	0.96	42.07	-3.17	-67.77	0.76
42	81	22.71	-0.20	-9.55	-3.37	-33.28	-1.04
	82	-22.71	0.20	9.55	3.37	43.79	0.83
43	81	6.71	-0.47	-13.59	-6.07	-27.67	-1.68
	82	-6.71	0.47	13.59	6.07	42.62	1.16
44	81	-226.84	-1.29	-70.88	4.04	144.18	-2.77
	82	226.84	1.29	123.25	-4.04	-37.42	1.36
45	81	-240.46	-1.17	-65.14	6.07	164.15	-2.15
	82	240.46	1.17	117.51	-6.07	-63.69	0.86
46	81	-231.64	-1.37	-72.09	3.23	145.87	-2.96
	82	231.64	1.37	124.46	-3.23	-37.77	1.46
47	81	-235.67	-1.09	-63.93	6.88	162.47	-1.96
	82	235.67	1.09	116.30	-6.88	-63.34	0.76

48	81	226.03	1.33	20.12	-3.45	-92.48	2.67
	82	-226.03	-1.33	32.25	3.45	99.16	-1.21
49	81	212.40	1.44	25.85	-1.43	-72.52	3.30
	82	-212.40	-1.44	26.52	1.43	72.88	-1.71
50	81	221.23	1.24	18.91	-4.26	-90.80	2.48
	82	-221.23	-1.24	33.46	4.26	98.81	-1.12
51	81	217.20	1.52	27.06	-0.62	-74.20	3.49
	82	-217.20	-1.52	25.31	0.62	73.24	-1.81
52	81	-197.45	-0.94	-67.45	3.47	139.90	-1.87
	82	197.45	0.94	119.83	-3.47	-36.90	0.83
53	81	-211.07	-0.82	-61.72	5.49	159.87	-1.24
	82	211.07	0.82	114.09	-5.49	-63.17	0.33
54	81	-202.24	-1.02	-68.66	2.66	141.58	-2.06
	82	202.24	1.02	121.03	-2.66	-37.25	0.93
55	81	-206.27	-0.74	-60.51	6.30	158.19	-1.05
	82	206.27	0.74	112.88	-6.30	-62.82	0.24
56	81	196.63	0.98	16.70	-2.87	-88.20	1.76
	82	-196.63	-0.98	35.68	2.87	98.64	-0.69
57	81	183.01	1.10	22.43	-0.85	-68.23	2.39
	82	-183.01	-1.10	29.94	0.85	72.36	-1.18
58	81	191.84	0.90	15.49	-3.68	-86.52	1.57
	82	-191.84	-0.90	36.89	3.68	98.29	-0.59
59	81	187.81	1.18	23.64	-0.04	-69.91	2.58
	82	-187.81	-1.18	28.73	0.04	72.72	-1.28
60	81	-52.44	-0.51	-45.72	-0.94	38.06	-1.60
	82	52.44	0.51	98.09	0.94	41.04	1.04
61	81	83.42	0.27	-18.42	-3.18	-32.94	0.04
	82	-83.42	-0.27	70.79	3.18	82.01	0.27
62	81	-43.62	-0.40	-44.69	-1.11	36.77	-1.33
	82	43.62	0.40	97.06	1.11	41.19	0.88
63	81	74.60	0.17	-19.45	-3.01	-31.66	-0.24
	82	-74.60	-0.17	71.82	3.01	81.85	0.43
64	81	-97.85	-0.12	-26.61	5.80	104.61	0.49
	82	97.85	0.12	78.98	-5.80	-46.54	-0.62
65	81	38.01	0.67	0.69	3.55	33.61	2.12
	82	-38.01	-0.67	51.68	-3.55	-5.57	-1.39
66	81	-89.04	-0.01	-25.58	5.63	103.33	0.76
	82	89.04	0.01	77.95	-5.63	-46.38	-0.78
67	81	29.19	0.56	-0.34	3.73	34.90	1.85
	82	-29.19	-0.56	52.71	-3.73	-5.72	-1.23
68	81	-68.44	-0.78	-49.75	-3.64	43.66	-2.23
	82	68.44	0.78	102.12	3.64	39.87	1.37
69	81	67.43	0.00	-22.45	-5.89	-27.34	-0.60
	82	-67.43	0.00	74.82	5.89	80.84	0.60
70	81	-59.62	-0.68	-48.72	-3.81	42.38	-1.96
	82	59.62	0.68	101.09	3.81	40.02	1.21
71	81	58.61	-0.10	-23.48	-5.72	-26.05	-0.87
	82	-58.61	0.10	75.85	5.72	80.68	0.76
72	81	-81.86	0.16	-22.57	8.51	99.01	1.12
	82	81.86	-0.16	74.95	-8.51	-45.37	-0.95

	73	81	54.00	0.94	4.72	6.26	28.01	2.75
		82	-54.00	-0.94	47.65	-6.26	-4.40	-1.72
	74	81	-73.04	0.26	-21.55	8.33	97.72	1.39
		82	73.04	-0.26	73.92	-8.33	-45.21	-1.11
	75	81	45.18	0.84	3.70	6.43	29.29	2.48
		82	-45.18	-0.84	48.67	-6.43	-4.55	-1.56
109	1	82	-2.65	0.06	-4.96	0.95	-18.07	0.13
		83	2.65	-0.06	25.86	-0.95	35.02	-0.06
	2	82	-4.57	0.02	10.71	0.36	0.34	0.05
		83	4.57	-0.02	20.76	-0.36	5.19	-0.03
	3	82	-0.71	0.00	-1.12	0.09	-0.63	0.01
		83	0.71	0.00	1.12	-0.09	1.85	0.00
	4	82	-0.81	0.01	-2.23	0.21	-2.06	0.01
		83	0.81	-0.01	2.23	-0.21	4.52	-0.01
	5	82	-9.67	-0.05	-1.92	0.14	2.68	-0.05
		83	9.67	0.05	1.92	-0.14	-0.58	-0.01
	6	82	9.87	0.05	2.01	-0.14	-2.90	0.05
		83	-9.87	-0.05	-2.01	0.14	0.70	0.01
	7	82	1.82	-0.05	0.64	-0.41	-6.48	-0.06
		83	-1.82	0.05	-0.64	0.41	5.77	0.00
	8	82	-1.88	0.05	-0.69	0.46	6.61	0.06
		83	1.88	-0.05	0.69	-0.46	-5.85	0.00
	9	82	-19.75	0.07	2.41	2.11	-23.13	0.20
		83	19.75	-0.07	65.68	-2.11	57.92	-0.13
	10	82	-2.16	0.16	5.93	1.86	-28.16	0.30
		83	2.16	-0.16	62.15	-1.86	59.07	-0.12
	11	82	-9.41	0.07	4.70	1.62	-31.37	0.20
		83	9.41	-0.07	63.38	-1.62	63.64	-0.13
	12	82	-12.73	0.16	3.50	2.40	-19.59	0.30
		83	12.73	-0.16	64.58	-2.40	53.18	-0.13
	13	82	-19.29	0.07	2.41	2.13	-23.74	0.20
		83	19.29	-0.07	65.68	-2.13	58.53	-0.13
	14	82	-1.71	0.16	5.93	1.88	-28.77	0.29
		83	1.71	-0.16	62.15	-1.88	59.68	-0.12
	15	82	-8.95	0.06	4.70	1.64	-31.98	0.19
		83	8.95	-0.06	63.38	-1.64	64.25	-0.12
	16	82	-12.28	0.16	3.51	2.42	-20.20	0.30
		83	12.28	-0.16	64.58	-2.42	53.79	-0.13
	17	82	-24.49	0.03	2.93	2.06	-20.58	0.16
		83	24.49	-0.03	65.15	-2.06	54.80	-0.13
	18	82	4.82	0.18	8.81	1.64	-28.96	0.31
		83	-4.82	-0.18	59.27	-1.64	56.71	-0.11
	19	82	-7.26	0.03	6.76	1.24	-34.32	0.15
		83	7.26	-0.03	61.32	-1.24	64.32	-0.12
	20	82	-12.80	0.19	4.76	2.54	-14.68	0.33
		83	12.80	-0.19	63.32	-2.54	46.89	-0.12
	21	82	-14.13	0.05	2.37	1.58	-17.78	0.16
		83	14.13	-0.05	50.00	-1.58	43.98	-0.10
	22	82	-2.40	0.12	4.72	1.41	-21.13	0.22

	83	2.40	-0.12	47.65	-1.41	44.74	-0.09
23	82	-7.23	0.05	3.90	1.25	-23.28	0.16
	83	7.23	-0.05	48.47	-1.25	47.79	-0.10
24	82	-9.45	0.12	3.10	1.77	-15.42	0.23
	83	9.45	-0.12	49.27	-1.77	40.81	-0.10
25	82	-13.82	0.05	2.37	1.60	-18.19	0.16
	83	13.82	-0.05	50.00	-1.60	44.38	-0.10
26	82	-2.10	0.12	4.72	1.43	-21.54	0.22
	83	2.10	-0.12	47.65	-1.43	45.15	-0.09
27	82	-6.93	0.05	3.90	1.27	-23.68	0.15
	83	6.93	-0.05	48.47	-1.27	48.19	-0.09
28	82	-9.15	0.12	3.10	1.79	-15.83	0.22
	83	9.15	-0.12	49.27	-1.79	41.22	-0.10
29	82	-17.29	0.03	2.72	1.55	-16.08	0.13
	83	17.29	-0.03	49.65	-1.55	41.89	-0.10
30	82	2.25	0.13	6.64	1.27	-21.67	0.23
	83	-2.25	-0.13	45.73	-1.27	43.17	-0.09
31	82	-5.80	0.03	5.27	1.00	-25.24	0.12
	83	5.80	-0.03	47.10	-1.00	48.24	-0.09
32	82	-9.50	0.13	3.94	1.87	-12.15	0.24
	83	9.50	-0.13	48.43	-1.87	36.62	-0.09
33	82	-7.22	0.08	5.75	1.31	-17.73	0.18
	83	7.22	-0.08	46.62	-1.31	40.21	-0.09
34	82	-7.38	0.08	5.31	1.35	-18.15	0.18
	83	7.38	-0.08	47.07	-1.35	41.12	-0.09
35	82	-9.15	0.07	5.37	1.34	-17.20	0.17
	83	9.15	-0.07	47.00	-1.34	40.10	-0.09
36	82	-5.24	0.09	6.15	1.28	-18.31	0.19
	83	5.24	-0.09	46.22	-1.28	40.35	-0.09
37	82	-6.85	0.07	5.88	1.23	-19.03	0.16
	83	6.85	-0.07	46.49	-1.23	41.37	-0.09
38	82	-7.59	0.09	5.61	1.40	-16.41	0.19
	83	7.59	-0.09	46.76	-1.40	39.04	-0.09
39	82	-7.22	0.08	5.75	1.31	-17.73	0.18
	83	7.22	-0.08	46.62	-1.31	40.21	-0.09
40	82	-226.43	-1.31	-46.88	3.75	68.29	-1.29
	83	226.43	1.31	46.88	-3.75	-16.72	-0.15
41	82	-197.04	-0.96	-43.20	3.17	67.77	-0.76
	83	197.04	0.96	43.20	-3.17	-20.25	-0.30
42	82	22.71	-0.20	-2.33	-3.37	-43.79	-0.83
	83	-22.71	0.20	2.33	3.37	46.35	0.61
43	82	6.71	-0.47	-5.49	-6.07	-42.62	-1.16
	83	-6.71	0.47	5.49	6.07	48.65	0.64
44	82	-226.84	-1.29	-41.83	4.04	37.42	-1.36
	83	226.84	1.29	41.83	-4.04	-37.42	-0.05
45	82	-240.46	-1.17	-40.43	6.07	63.69	-0.86
	83	240.46	1.17	40.43	-6.07	-63.69	-0.42
46	82	-231.64	-1.37	-42.77	3.23	37.77	-1.46
	83	231.64	1.37	42.77	-3.23	-37.77	-0.05
47	82	-235.67	-1.09	-39.48	6.88	63.34	-0.76

	83	235.67	1.09	91.85	-6.88	8.90	-0.43
48	82	226.03	1.33	51.93	-3.45	-99.16	1.21
	83	-226.03	-1.33	0.44	3.45	70.84	0.24
49	82	212.40	1.44	53.33	-1.43	-72.88	1.71
	83	-212.40	-1.44	-0.96	1.43	43.03	-0.13
50	82	221.23	1.24	50.99	-4.26	-98.81	1.12
	83	-221.23	-1.24	1.39	4.26	71.53	0.25
51	82	217.20	1.52	54.28	-0.62	-73.24	1.81
	83	-217.20	-1.52	-1.91	0.62	42.33	-0.13
52	82	-197.45	-0.94	-38.15	3.47	36.90	-0.83
	83	197.45	0.94	90.52	-3.47	33.87	-0.20
53	82	-211.07	-0.82	-36.75	5.49	63.17	-0.33
	83	211.07	0.82	89.12	-5.49	6.06	-0.57
54	82	-202.24	-1.02	-39.09	2.66	37.25	-0.93
	83	202.24	1.02	91.47	-2.66	34.56	-0.19
55	82	-206.27	-0.74	-35.80	6.30	62.82	-0.24
	83	206.27	0.74	88.17	-6.30	5.37	-0.58
56	82	196.63	0.98	48.25	-2.87	-98.64	0.69
	83	-196.63	-0.98	4.12	2.87	74.36	0.39
57	82	183.01	1.10	49.65	-0.85	-72.36	1.18
	83	-183.01	-1.10	2.72	0.85	46.55	0.02
58	82	191.84	0.90	47.31	-3.68	-98.29	0.59
	83	-191.84	-0.90	5.06	3.68	75.05	0.40
59	82	187.81	1.18	50.60	-0.04	-72.72	1.28
	83	-187.81	-1.18	1.77	0.04	45.86	0.02
60	82	-52.44	-0.51	-10.64	-0.94	-41.04	-1.04
	83	52.44	0.51	63.01	0.94	81.55	0.48
61	82	83.42	0.27	17.49	-3.18	-82.01	-0.27
	83	-83.42	-0.27	34.88	3.18	91.58	0.57
62	82	-43.62	-0.40	-9.54	-1.11	-41.19	-0.88
	83	43.62	0.40	61.91	1.11	80.49	0.44
63	82	74.60	0.17	16.38	-3.01	-81.85	-0.43
	83	-74.60	-0.17	35.99	3.01	92.63	0.61
64	82	-97.85	-0.12	-5.98	5.80	46.54	0.62
	83	97.85	0.12	58.35	-5.80	-11.15	-0.75
65	82	38.01	0.67	22.14	3.55	5.57	1.39
	83	-38.01	-0.67	30.23	-3.55	-1.12	-0.66
66	82	-89.04	-0.01	-4.88	5.63	46.38	0.78
	83	89.04	0.01	57.25	-5.63	-12.21	-0.79
67	82	29.19	0.56	21.04	3.73	5.72	1.23
	83	-29.19	-0.56	31.33	-3.73	-0.07	-0.61
68	82	-68.44	-0.78	-13.80	-3.64	-39.87	-1.37
	83	68.44	0.78	66.17	3.64	83.85	0.51
69	82	67.43	0.00	14.33	-5.89	-80.84	-0.60
	83	-67.43	0.00	38.04	5.89	93.88	0.60
70	82	-59.62	-0.68	-12.69	-3.81	-40.02	-1.21
	83	59.62	0.68	65.07	3.81	82.79	0.46
71	82	58.61	-0.10	13.23	-5.72	-80.68	-0.76
	83	-58.61	0.10	39.15	5.72	94.94	0.64
72	82	-81.86	0.16	-2.83	8.51	45.37	0.95

		83	81.86	-0.16	55.20	-8.51	-13.46	-0.78
73		82	54.00	0.94	25.30	6.26	4.40	1.72
		83	-54.00	-0.94	27.07	-6.26	-3.43	-0.69
74		82	-73.04	0.26	-1.72	8.33	45.21	1.11
		83	73.04	-0.26	54.09	-8.33	-14.52	-0.82
75		82	45.18	0.84	24.20	6.43	4.55	1.56
		83	-45.18	-0.84	28.17	-6.43	-2.37	-0.64
110	1	83	-2.65	0.06	17.02	0.95	-35.02	0.06
		84	2.65	-0.06	3.88	-0.95	27.79	0.01
	2	83	-4.57	0.02	16.94	0.36	-5.19	0.03
		84	4.57	-0.02	14.53	-0.36	3.87	-0.01
	3	83	-0.71	0.00	0.60	0.09	-1.85	0.00
		84	0.71	0.00	-0.60	-0.09	1.20	0.00
	4	83	-0.81	0.01	1.10	0.21	-4.52	0.01
		84	0.81	-0.01	-1.10	-0.21	3.31	0.00
	5	83	-9.67	-0.05	-1.99	0.14	0.58	0.01
		84	9.67	0.05	1.99	-0.14	1.61	-0.06
	6	83	9.87	0.05	2.05	-0.14	-0.70	-0.01
		84	-9.87	-0.05	-2.05	0.14	-1.56	0.06
	7	83	1.82	-0.05	1.19	-0.41	-5.77	0.00
		84	-1.82	0.05	-1.19	0.41	4.46	-0.06
	8	83	-1.88	0.05	-1.19	0.46	5.85	0.00
		84	1.88	-0.05	1.19	-0.46	-4.54	0.06
	9	83	-19.75	0.07	44.07	2.11	-57.92	0.13
		84	19.75	-0.07	24.01	-2.11	46.89	-0.06
	10	83	-2.16	0.16	47.71	1.86	-59.07	0.12
		84	2.16	-0.16	20.37	-1.86	44.04	0.05
	11	83	-9.41	0.07	46.93	1.62	-63.64	0.13
		84	9.41	-0.07	21.15	-1.62	49.46	-0.05
	12	83	-12.73	0.16	44.79	2.40	-53.18	0.13
		84	12.73	-0.16	23.30	-2.40	41.36	0.05
	13	83	-19.29	0.07	44.00	2.13	-58.53	0.13
		84	19.29	-0.07	24.08	-2.13	47.58	-0.06
	14	83	-1.71	0.16	47.64	1.88	-59.68	0.12
		84	1.71	-0.16	20.44	-1.88	44.72	0.05
	15	83	-8.95	0.06	46.86	1.64	-64.25	0.12
		84	8.95	-0.06	21.22	-1.64	50.15	-0.05
	16	83	-12.28	0.16	44.72	2.42	-53.79	0.13
		84	12.28	-0.16	23.36	-2.42	42.05	0.05
	17	83	-24.49	0.03	41.98	2.06	-54.80	0.13
		84	24.49	-0.03	26.10	-2.06	46.06	-0.10
	18	83	4.82	0.18	48.05	1.64	-56.71	0.11
		84	-4.82	-0.18	20.04	-1.64	41.31	0.09
	19	83	-7.26	0.03	46.75	1.24	-64.32	0.12
		84	7.26	-0.03	21.33	-1.24	50.34	-0.09
	20	83	-12.80	0.19	43.18	2.54	-46.89	0.12
		84	12.80	-0.19	24.90	-2.54	36.84	0.08
	21	83	-14.13	0.05	33.91	1.58	-43.98	0.10
		84	14.13	-0.05	18.46	-1.58	35.48	-0.04

22	83	-2.40	0.12	36.33	1.41	-44.74	0.09
	84	2.40	-0.12	16.04	-1.41	33.58	0.04
23	83	-7.23	0.05	35.82	1.25	-47.79	0.10
	84	7.23	-0.05	16.56	-1.25	37.20	-0.04
24	83	-9.45	0.12	34.39	1.77	-40.81	0.10
	84	9.45	-0.12	17.99	-1.77	31.79	0.03
25	83	-13.82	0.05	33.86	1.60	-44.38	0.10
	84	13.82	-0.05	18.51	-1.60	35.94	-0.04
26	83	-2.10	0.12	36.29	1.43	-45.15	0.09
	84	2.10	-0.12	16.08	-1.43	34.04	0.04
27	83	-6.93	0.05	35.77	1.27	-48.19	0.09
	84	6.93	-0.05	16.60	-1.27	37.65	-0.04
28	83	-9.15	0.12	34.34	1.79	-41.22	0.10
	84	9.15	-0.12	18.03	-1.79	32.25	0.03
29	83	-17.29	0.03	32.52	1.55	-41.89	0.10
	84	17.29	-0.03	19.85	-1.55	34.93	-0.06
30	83	2.25	0.13	36.56	1.27	-43.17	0.09
	84	-2.25	-0.13	15.81	-1.27	31.76	0.06
31	83	-5.80	0.03	35.70	1.00	-48.24	0.09
	84	5.80	-0.03	16.67	-1.00	37.78	-0.06
32	83	-9.50	0.13	33.31	1.87	-36.62	0.09
	84	9.50	-0.13	19.06	-1.87	28.78	0.05
33	83	-7.22	0.08	33.96	1.31	-40.21	0.09
	84	7.22	-0.08	18.41	-1.31	31.66	0.00
34	83	-7.38	0.08	34.18	1.35	-41.12	0.09
	84	7.38	-0.08	18.19	-1.35	32.32	0.00
35	83	-9.15	0.07	33.56	1.34	-40.10	0.09
	84	9.15	-0.07	18.81	-1.34	31.98	-0.02
36	83	-5.24	0.09	34.37	1.28	-40.35	0.09
	84	5.24	-0.09	18.00	-1.28	31.35	0.01
37	83	-6.85	0.07	34.20	1.23	-41.37	0.09
	84	6.85	-0.07	18.18	-1.23	32.55	-0.01
38	83	-7.59	0.09	33.72	1.40	-39.04	0.09
	84	7.59	-0.09	18.65	-1.40	30.75	0.01
39	83	-7.22	0.08	33.96	1.31	-40.21	0.09
	84	7.22	-0.08	18.41	-1.31	31.66	0.00
40	83	-226.43	-1.31	-47.98	3.75	16.72	0.15
	84	226.43	1.31	47.98	-3.75	36.06	-1.58
41	83	-197.04	-0.96	-44.08	3.17	20.25	0.30
	84	197.04	0.96	44.08	-3.17	28.24	-1.35
42	83	22.71	-0.20	4.49	-3.37	-46.35	-0.61
	84	-22.71	0.20	-4.49	3.37	41.42	0.40
43	83	6.71	-0.47	1.96	-6.07	-48.65	-0.64
	84	-6.71	0.47	-1.96	6.07	46.50	0.12
44	83	-226.84	-1.29	-12.68	4.04	-37.40	0.05
	84	226.84	1.29	65.05	-4.04	80.15	-1.47
45	83	-240.46	-1.17	-15.37	6.07	-9.59	0.42
	84	240.46	1.17	67.74	-6.07	55.30	-1.71
46	83	-231.64	-1.37	-13.44	3.23	-38.09	0.05
	84	231.64	1.37	65.81	-3.23	81.68	-1.55

47	83	-235.67	-1.09	-14.61	6.88	-8.90	0.43
	84	235.67	1.09	66.98	-6.88	53.77	-1.63
48	83	226.03	1.33	83.29	-3.45	-70.84	-0.24
	84	-226.03	-1.33	-30.92	3.45	8.02	1.70
49	83	212.40	1.44	80.60	-1.43	-43.03	0.13
	84	-212.40	-1.44	-28.23	1.43	-16.83	1.46
50	83	221.23	1.24	82.53	-4.26	-71.53	-0.25
	84	-221.23	-1.24	-30.16	4.26	9.55	1.62
51	83	217.20	1.52	81.36	-0.62	-42.33	0.13
	84	-217.20	-1.52	-28.98	0.62	-18.35	1.54
52	83	-197.45	-0.94	-8.78	3.47	-33.87	0.20
	84	197.45	0.94	61.15	-3.47	72.33	-1.24
53	83	-211.07	-0.82	-11.47	5.49	-6.06	0.57
	84	211.07	0.82	63.84	-5.49	47.48	-1.48
54	83	-202.24	-1.02	-9.54	2.66	-34.56	0.19
	84	202.24	1.02	61.91	-2.66	73.85	-1.32
55	83	-206.27	-0.74	-10.71	6.30	-5.37	0.58
	84	206.27	0.74	63.08	-6.30	45.95	-1.39
56	83	196.63	0.98	79.38	-2.87	-74.36	-0.39
	84	-196.63	-0.98	-27.01	2.87	15.84	1.47
57	83	183.01	1.10	76.69	-0.85	-46.55	-0.02
	84	-183.01	-1.10	-24.32	0.85	-9.01	1.23
58	83	191.84	0.90	78.62	-3.68	-75.05	-0.40
	84	-191.84	-0.90	-26.25	3.68	17.37	1.39
59	83	187.81	1.18	77.45	-0.04	-45.86	-0.02
	84	-187.81	-1.18	-25.08	0.04	-10.53	1.31
60	83	-52.44	-0.51	24.05	-0.94	-81.55	-0.48
	84	52.44	0.51	28.32	0.94	83.90	-0.08
61	83	83.42	0.27	52.84	-3.18	-91.58	-0.57
	84	-83.42	-0.27	-0.47	3.18	62.26	0.87
62	83	-43.62	-0.40	25.22	-1.11	-80.49	-0.44
	84	43.62	0.40	27.15	1.11	81.55	-0.01
63	83	74.60	0.17	51.67	-3.01	-92.63	-0.61
	84	-74.60	-0.17	0.70	3.01	64.60	0.80
64	83	-97.85	-0.12	15.08	5.80	11.15	0.75
	84	97.85	0.12	37.29	-5.80	1.06	-0.88
65	83	38.01	0.67	43.87	3.55	1.12	0.66
	84	-38.01	-0.67	8.50	-3.55	-20.57	0.07
66	83	-89.04	-0.01	16.25	5.63	12.21	0.79
	84	89.04	0.01	36.12	-5.63	-1.28	-0.81
67	83	29.19	0.56	42.70	3.73	0.07	0.61
	84	-29.19	-0.56	9.67	-3.73	-18.23	0.00
68	83	-68.44	-0.78	21.52	-3.64	-83.85	-0.51
	84	68.44	0.78	30.85	3.64	88.98	-0.35
69	83	67.43	0.00	50.31	-5.89	-93.88	-0.60
	84	-67.43	0.00	2.06	5.89	67.34	0.60
70	83	-59.62	-0.68	22.69	-3.81	-82.79	-0.46
	84	59.62	0.68	29.68	3.81	86.64	-0.29
71	83	58.61	-0.10	49.14	-5.72	-94.94	-0.64
	84	-58.61	0.10	3.23	5.72	69.69	0.53

	72	83	-81.86	0.16	17.61	8.51	13.46	0.78
		84	81.86	-0.16	34.76	-8.51	-4.02	-0.60
	73	83	54.00	0.94	46.40	6.26	3.43	0.69
		84	-54.00	-0.94	5.97	-6.26	-25.66	0.35
	74	83	-73.04	0.26	18.78	8.33	14.52	0.82
		84	73.04	-0.26	33.59	-8.33	-6.37	-0.53
	75	83	45.18	0.84	45.23	6.43	2.37	0.64
		84	-45.18	-0.84	7.15	-6.43	-23.31	0.28
111	1	84	-2.65	0.06	39.00	0.95	-27.79	-0.01
		85	2.65	-0.06	-18.10	-0.95	-3.62	0.07
	2	84	-4.57	0.02	23.23	0.36	-3.87	0.01
		85	4.57	-0.02	8.24	-0.36	-4.37	0.01
	3	84	-0.71	0.00	2.32	0.09	-1.20	0.00
		85	0.71	0.00	-2.32	-0.09	-1.35	0.01
	4	84	-0.81	0.01	4.44	0.21	-3.31	0.00
		85	0.81	-0.01	-4.44	-0.21	-1.57	0.01
	5	84	-9.67	-0.05	-2.05	0.14	-1.61	0.06
		85	9.67	0.05	2.05	-0.14	3.87	-0.12
	6	84	9.87	0.05	2.09	-0.14	1.56	-0.06
		85	-9.87	-0.05	-2.09	0.14	-3.85	0.12
	7	84	1.82	-0.05	1.71	-0.41	-4.46	0.06
		85	-1.82	0.05	-1.71	0.41	2.58	-0.12
	8	84	-1.88	0.05	-1.66	0.46	4.54	-0.06
		85	1.88	-0.05	1.66	-0.46	-2.71	0.12
	9	84	-19.75	0.07	85.85	2.11	-46.89	0.06
		85	19.75	-0.07	-17.77	-2.11	-10.10	0.02
	10	84	-2.16	0.16	89.58	1.86	-44.04	-0.05
		85	2.16	-0.16	-21.49	-1.86	-17.05	0.23
	11	84	-9.41	0.07	89.24	1.62	-49.46	0.05
		85	9.41	-0.07	-21.16	-1.62	-11.26	0.02
	12	84	-12.73	0.16	86.20	2.40	-41.36	-0.05
		85	12.73	-0.16	-18.12	-2.40	-16.02	0.23
	13	84	-19.29	0.07	85.71	2.13	-47.58	0.06
		85	19.29	-0.07	-17.62	-2.13	-9.25	0.01
	14	84	-1.71	0.16	89.43	1.88	-44.72	-0.05
		85	1.71	-0.16	-21.35	-1.88	-16.20	0.23
	15	84	-8.95	0.06	89.09	1.64	-50.15	0.05
		85	8.95	-0.06	-21.01	-1.64	-10.41	0.02
	16	84	-12.28	0.16	86.06	2.42	-42.05	-0.05
		85	12.28	-0.16	-17.97	-2.42	-15.17	0.23
	17	84	-24.49	0.03	81.15	2.06	-46.06	0.10
		85	24.49	-0.03	-13.07	-2.06	-5.76	-0.06
	18	84	4.82	0.18	87.35	1.64	-41.31	-0.09
		85	-4.82	-0.18	-19.27	-1.64	-17.34	0.29
	19	84	-7.26	0.03	86.79	1.24	-50.34	0.09
		85	7.26	-0.03	-18.71	-1.24	-7.68	-0.06
	20	84	-12.80	0.19	81.73	2.54	-36.84	-0.08
		85	12.80	-0.19	-13.65	-2.54	-15.62	0.29
	21	84	-14.13	0.05	65.53	1.58	-35.48	0.04

	85	14.13	-0.05	-13.16	-1.58	-7.80	0.02
22	84	-2.40	0.12	68.01	1.41	-33.58	-0.04
	85	2.40	-0.12	-15.64	-1.41	-12.43	0.16
23	84	-7.23	0.05	67.79	1.25	-37.20	0.04
	85	7.23	-0.05	-15.42	-1.25	-8.57	0.02
24	84	-9.45	0.12	65.77	1.77	-31.79	-0.03
	85	9.45	-0.12	-13.39	-1.77	-11.74	0.16
25	84	-13.82	0.05	65.43	1.60	-35.94	0.04
	85	13.82	-0.05	-13.06	-1.60	-7.23	0.02
26	84	-2.10	0.12	67.92	1.43	-34.04	-0.04
	85	2.10	-0.12	-15.55	-1.43	-11.87	0.16
27	84	-6.93	0.05	67.69	1.27	-37.65	0.04
	85	6.93	-0.05	-15.32	-1.27	-8.00	0.02
28	84	-9.15	0.12	65.67	1.79	-32.25	-0.03
	85	9.15	-0.12	-13.30	-1.79	-11.18	0.16
29	84	-17.29	0.03	62.40	1.55	-34.93	0.06
	85	17.29	-0.03	-10.03	-1.55	-4.90	-0.03
30	84	2.25	0.13	66.53	1.27	-31.76	-0.06
	85	-2.25	-0.13	-14.16	-1.27	-12.62	0.21
31	84	-5.80	0.03	66.16	1.00	-37.78	0.06
	85	5.80	-0.03	-13.79	-1.00	-6.19	-0.03
32	84	-9.50	0.13	62.78	1.87	-28.78	-0.05
	85	9.50	-0.13	-10.41	-1.87	-11.48	0.20
33	84	-7.22	0.08	62.23	1.31	-31.66	0.00
	85	7.22	-0.08	-9.86	-1.31	-7.99	0.08
34	84	-7.38	0.08	63.12	1.35	-32.32	0.00
	85	7.38	-0.08	-10.75	-1.35	-8.30	0.08
35	84	-9.15	0.07	61.82	1.34	-31.98	0.02
	85	9.15	-0.07	-9.45	-1.34	-7.21	0.06
36	84	-5.24	0.09	62.65	1.28	-31.35	-0.01
	85	5.24	-0.09	-10.28	-1.28	-8.76	0.11
37	84	-6.85	0.07	62.57	1.23	-32.55	0.01
	85	6.85	-0.07	-10.20	-1.23	-7.47	0.06
38	84	-7.59	0.09	61.90	1.40	-30.75	-0.01
	85	7.59	-0.09	-9.53	-1.40	-8.53	0.11
39	84	-7.22	0.08	62.23	1.31	-31.66	0.00
	85	7.22	-0.08	-9.86	-1.31	-7.99	0.08
40	84	-226.43	-1.31	-48.88	3.75	-36.06	1.58
	85	226.43	1.31	48.88	-3.75	89.83	-3.02
41	84	-197.04	-0.96	-44.80	3.17	-28.24	1.35
	85	197.04	0.96	44.80	-3.17	77.52	-2.41
42	84	22.71	-0.20	11.08	-3.37	-41.42	-0.40
	85	-22.71	0.20	-11.08	3.37	29.23	0.18
43	84	6.71	-0.47	8.94	-6.07	-46.50	-0.12
	85	-6.71	0.47	-8.94	6.07	36.67	-0.39
44	84	-226.84	-1.29	16.67	4.04	-80.15	1.47
	85	226.84	1.29	35.70	-4.04	90.61	-2.88
45	84	-240.46	-1.17	10.03	6.07	-55.30	1.71
	85	240.46	1.17	42.34	-6.07	73.07	-2.99
46	84	-231.64	-1.37	16.03	3.23	-81.68	1.55

	85	231.64	1.37	36.34	-3.23	92.85	-3.06
47	84	-235.67	-1.09	10.67	6.88	-53.77	1.63
	85	235.67	1.09	41.70	-6.88	70.84	-2.82
48	84	226.03	1.33	114.43	-3.45	-8.02	-1.70
	85	-226.03	-1.33	-62.06	3.45	-89.05	3.16
49	84	212.40	1.44	107.79	-1.43	16.83	-1.46
	85	-212.40	-1.44	-55.42	1.43	-106.59	3.05
50	84	221.23	1.24	113.79	-4.26	-9.55	-1.62
	85	-221.23	-1.24	-61.42	4.26	-86.82	2.99
51	84	217.20	1.52	108.43	-0.62	18.35	-1.54
	85	-217.20	-1.52	-56.06	0.62	-108.82	3.22
52	84	-197.45	-0.94	20.76	3.47	-72.33	1.24
	85	197.45	0.94	31.62	-3.47	78.30	-2.27
53	84	-211.07	-0.82	14.11	5.49	-47.48	1.48
	85	211.07	0.82	38.26	-5.49	60.76	-2.38
54	84	-202.24	-1.02	20.11	2.66	-73.85	1.32
	85	202.24	1.02	32.26	-2.66	80.53	-2.44
55	84	-206.27	-0.74	14.75	6.30	-45.95	1.39
	85	206.27	0.74	37.62	-6.30	58.53	-2.21
56	84	196.63	0.98	110.35	-2.87	-15.84	-1.47
	85	-196.63	-0.98	-57.98	2.87	-76.74	2.55
57	84	183.01	1.10	103.70	-0.85	9.01	-1.23
	85	-183.01	-1.10	-51.33	0.85	-94.28	2.44
58	84	191.84	0.90	109.71	-3.68	-17.37	-1.39
	85	-191.84	-0.90	-57.34	3.68	-74.51	2.37
59	84	187.81	1.18	104.35	-0.04	10.53	-1.31
	85	-187.81	-1.18	-51.98	0.04	-96.51	2.61
60	84	-52.44	-0.51	58.64	-0.94	-83.90	0.08
	85	52.44	0.51	-6.27	0.94	48.19	-0.64
61	84	83.42	0.27	87.97	-3.18	-62.26	-0.87
	85	-83.42	-0.27	-35.60	3.18	-5.71	1.17
62	84	-43.62	-0.40	59.87	-1.11	-81.55	0.01
	85	43.62	0.40	-7.50	1.11	44.50	-0.45
63	84	74.60	0.17	86.75	-3.01	-64.60	-0.80
	85	-74.60	-0.17	-34.38	3.01	-2.01	0.99
64	84	-97.85	-0.12	36.49	5.80	-1.06	0.88
	85	97.85	0.12	15.88	-5.80	-10.27	-1.01
65	84	38.01	0.67	65.82	3.55	20.57	-0.07
	85	-38.01	-0.67	-13.44	-3.55	-64.17	0.80
66	84	-89.04	-0.01	37.71	5.63	1.28	0.81
	85	89.04	0.01	14.66	-5.63	-13.96	-0.82
67	84	29.19	0.56	64.59	3.73	18.23	0.00
	85	-29.19	-0.56	-12.22	-3.73	-60.47	0.62
68	84	-68.44	-0.78	56.50	-3.64	-88.98	0.35
	85	68.44	0.78	-4.13	3.64	55.63	-1.22
69	84	67.43	0.00	85.83	-5.89	-67.34	-0.60
	85	-67.43	0.00	-33.46	5.89	1.74	0.60
70	84	-59.62	-0.68	57.73	-3.81	-86.64	0.29
	85	59.62	0.68	-5.36	3.81	51.94	-1.03
71	84	58.61	-0.10	84.61	-5.72	-69.69	-0.53

		85	-58.61	0.10	-32.23	5.72	5.43	0.41
	72	84	-81.86	0.16	38.63	8.51	4.02	0.60
		85	81.86	-0.16	13.74	-8.51	-17.71	-0.43
	73	84	54.00	0.94	67.96	6.26	25.66	-0.35
		85	-54.00	-0.94	-15.59	-6.26	-71.61	1.38
	74	84	-73.04	0.26	39.85	8.33	6.37	0.53
		85	73.04	-0.26	12.52	-8.33	-21.40	-0.25
	75	84	45.18	0.84	66.73	6.43	23.31	-0.28
		85	-45.18	-0.84	-14.36	-6.43	-67.91	1.20
112	1	85	-2.65	0.06	61.08	0.95	3.62	-0.07
		13	2.65	-0.06	-43.03	-0.95	-53.07	0.13
	2	85	-4.57	0.02	29.57	0.36	4.37	-0.01
		13	4.57	-0.02	-2.39	-0.36	-19.56	0.03
	3	85	-0.71	0.00	4.05	0.09	1.35	-0.01
		13	0.71	0.00	-4.05	-0.09	-5.20	0.01
	4	85	-0.81	0.01	7.79	0.21	1.57	-0.01
		13	0.81	-0.01	-7.79	-0.21	-8.97	0.02
	5	85	-9.67	-0.05	-2.09	0.14	-3.87	0.12
		13	9.67	0.05	2.09	-0.14	5.86	-0.17
	6	85	9.87	0.05	2.10	-0.14	3.85	-0.12
		13	-9.87	-0.05	-2.10	0.14	-5.85	0.17
	7	85	1.82	-0.05	2.22	-0.41	-2.58	0.12
		13	-1.82	0.05	-2.22	0.41	0.47	-0.17
	8	85	-1.88	0.05	-2.12	0.46	2.71	-0.12
		13	1.88	-0.05	2.12	-0.46	-0.69	0.17
	9	85	-19.75	0.07	127.89	2.11	10.10	-0.02
		13	19.75	-0.07	-69.09	-2.11	-103.67	0.08
	10	85	-2.16	0.16	131.66	1.86	17.05	-0.23
		13	2.16	-0.16	-72.86	-1.86	-114.20	0.38
	11	85	-9.41	0.07	131.77	1.62	11.26	-0.02
		13	9.41	-0.07	-72.97	-1.62	-108.51	0.08
	12	85	-12.73	0.16	127.87	2.40	16.02	-0.23
		13	12.73	-0.16	-69.07	-2.40	-109.56	0.38
	13	85	-19.29	0.07	127.66	2.13	9.25	-0.01
		13	19.29	-0.07	-68.86	-2.13	-102.60	0.08
	14	85	-1.71	0.16	131.43	1.88	16.20	-0.23
		13	1.71	-0.16	-72.63	-1.88	-113.13	0.38
	15	85	-8.95	0.06	131.54	1.64	10.41	-0.02
		13	8.95	-0.06	-72.74	-1.64	-107.45	0.08
	16	85	-12.28	0.16	127.64	2.42	15.17	-0.23
		13	12.28	-0.16	-68.84	-2.42	-108.50	0.38
	17	85	-24.49	0.03	120.56	2.06	5.76	0.06
		13	24.49	-0.03	-61.76	-2.06	-92.36	-0.04
	18	85	4.82	0.18	126.85	1.64	17.34	-0.29
		13	-4.82	-0.18	-68.05	-1.64	-109.91	0.46
	19	85	-7.26	0.03	127.03	1.24	7.68	0.06
		13	7.26	-0.03	-68.23	-1.24	-100.43	-0.03
	20	85	-12.80	0.19	120.52	2.54	15.62	-0.29
		13	12.80	-0.19	-61.72	-2.54	-102.18	0.46

21	85	-14.13	0.05	97.35	1.58	7.80	-0.02
	13	14.13	-0.05	-52.12	-1.58	-78.80	0.07
22	85	-2.40	0.12	99.86	1.41	12.43	-0.16
	13	2.40	-0.12	-54.63	-1.41	-85.82	0.27
23	85	-7.23	0.05	99.94	1.25	8.57	-0.02
	13	7.23	-0.05	-54.71	-1.25	-82.03	0.07
24	85	-9.45	0.12	97.33	1.77	11.74	-0.16
	13	9.45	-0.12	-52.10	-1.77	-82.73	0.27
25	85	-13.82	0.05	97.19	1.60	7.23	-0.02
	13	13.82	-0.05	-51.97	-1.60	-78.08	0.07
26	85	-2.10	0.12	99.71	1.43	11.87	-0.16
	13	2.10	-0.12	-54.48	-1.43	-85.11	0.27
27	85	-6.93	0.05	99.78	1.27	8.00	-0.02
	13	6.93	-0.05	-54.55	-1.27	-81.31	0.07
28	85	-9.15	0.12	97.18	1.79	11.18	-0.16
	13	9.15	-0.12	-51.95	-1.79	-82.01	0.27
29	85	-17.29	0.03	92.46	1.55	4.90	0.03
	13	17.29	-0.03	-47.23	-1.55	-71.26	0.00
30	85	2.25	0.13	96.65	1.27	12.62	-0.21
	13	-2.25	-0.13	-51.42	-1.27	-82.96	0.33
31	85	-5.80	0.03	96.77	1.00	6.19	0.03
	13	5.80	-0.03	-51.54	-1.00	-76.64	0.00
32	85	-9.50	0.13	92.43	1.87	11.48	-0.20
	13	9.50	-0.13	-47.21	-1.87	-77.81	0.33
33	85	-7.22	0.08	90.66	1.31	7.99	-0.08
	13	7.22	-0.08	-45.43	-1.31	-72.63	0.16
34	85	-7.38	0.08	92.22	1.35	8.30	-0.08
	13	7.38	-0.08	-46.99	-1.35	-74.42	0.16
35	85	-9.15	0.07	90.24	1.34	7.21	-0.06
	13	9.15	-0.07	-45.01	-1.34	-71.46	0.12
36	85	-5.24	0.09	91.08	1.28	8.76	-0.11
	13	5.24	-0.09	-45.85	-1.28	-73.80	0.19
37	85	-6.85	0.07	91.10	1.23	7.47	-0.06
	13	6.85	-0.07	-45.87	-1.23	-72.53	0.12
38	85	-7.59	0.09	90.23	1.40	8.53	-0.11
	13	7.59	-0.09	-45.01	-1.40	-72.77	0.19
39	85	-7.22	0.08	90.66	1.31	7.99	-0.08
	13	7.22	-0.08	-45.43	-1.31	-72.63	0.16
40	85	-226.43	-1.31	-49.42	3.75	-89.83	3.02
	13	226.43	1.31	49.42	-3.75	136.78	-4.26
41	85	-197.04	-0.96	-45.23	3.17	-77.52	2.41
	13	197.04	0.96	45.23	-3.17	120.49	-3.32
42	85	22.71	-0.20	17.61	-3.37	-29.23	-0.18
	13	-22.71	0.20	-17.61	3.37	12.50	0.00
43	85	6.71	-0.47	15.64	-6.07	-36.67	0.39
	13	-6.71	0.47	-15.64	6.07	21.81	-0.84
44	85	-226.84	-1.29	46.53	4.04	-90.61	2.88
	13	226.84	1.29	-1.30	-4.04	67.90	-4.10
45	85	-240.46	-1.17	35.96	6.07	-73.07	2.99
	13	240.46	1.17	9.27	-6.07	60.40	-4.10

46	85	-231.64	-1.37	45.94	3.23	-92.85	3.06
	13	231.64	1.37	-0.71	-3.23	70.69	-4.36
47	85	-235.67	-1.09	36.55	6.88	-70.84	2.82
	13	235.67	1.09	8.68	-6.88	57.60	-3.85
48	85	226.03	1.33	145.36	-3.45	89.05	-3.16
	13	-226.03	-1.33	-100.13	3.45	-205.66	4.42
49	85	212.40	1.44	134.79	-1.43	106.59	-3.05
	13	-212.40	-1.44	-89.56	1.43	-213.15	4.42
50	85	221.23	1.24	144.77	-4.26	86.82	-2.99
	13	-221.23	-1.24	-99.54	4.26	-202.86	4.17
51	85	217.20	1.52	135.38	-0.62	108.82	-3.22
	13	-217.20	-1.52	-90.15	0.62	-215.95	4.67
52	85	-197.45	-0.94	50.71	3.47	-78.30	2.27
	13	197.45	0.94	-5.48	-3.47	51.61	-3.16
53	85	-211.07	-0.82	40.14	5.49	-60.76	2.38
	13	211.07	0.82	5.09	-5.49	44.11	-3.16
54	85	-202.24	-1.02	50.12	2.66	-80.53	2.44
	13	202.24	1.02	-4.89	-2.66	54.41	-3.42
55	85	-206.27	-0.74	40.73	6.30	-58.53	2.21
	13	206.27	0.74	4.50	-6.30	41.32	-2.91
56	85	196.63	0.98	141.18	-2.87	76.74	-2.55
	13	-196.63	-0.98	-95.95	2.87	-189.37	3.48
57	85	183.01	1.10	130.61	-0.85	94.28	-2.44
	13	-183.01	-1.10	-85.38	0.85	-196.87	3.48
58	85	191.84	0.90	140.58	-3.68	74.51	-2.37
	13	-191.84	-0.90	-95.36	3.68	-186.58	3.23
59	85	187.81	1.18	131.20	-0.04	96.51	-2.61
	13	-187.81	-1.18	-85.97	0.04	-199.66	3.73
60	85	-52.44	-0.51	93.45	-0.94	-48.19	0.64
	13	52.44	0.51	-48.22	0.94	-19.10	-1.12
61	85	83.42	0.27	123.10	-3.18	5.71	-1.17
	13	-83.42	-0.27	-77.87	3.18	-101.17	1.43
62	85	-43.62	-0.40	94.70	-1.11	-44.50	0.45
	13	43.62	0.40	-49.47	1.11	-23.98	-0.84
63	85	74.60	0.17	121.84	-3.01	2.01	-0.99
	13	-74.60	-0.17	-76.61	3.01	-96.28	1.15
64	85	-97.85	-0.12	58.22	5.80	10.27	1.01
	13	97.85	0.12	-12.99	-5.80	-44.09	-1.12
65	85	38.01	0.67	87.87	3.55	64.17	-0.80
	13	-38.01	-0.67	-42.64	-3.55	-126.16	1.44
66	85	-89.04	-0.01	59.47	5.63	13.96	0.82
	13	89.04	0.01	-14.24	-5.63	-48.98	-0.84
67	85	29.19	0.56	86.61	3.73	60.47	-0.62
	13	-29.19	-0.56	-41.38	-3.73	-121.27	1.15
68	85	-68.44	-0.78	91.48	-3.64	-55.63	1.22
	13	68.44	0.78	-46.25	3.64	-9.78	-1.96
69	85	67.43	0.00	121.13	-5.89	-1.74	-0.60
	13	-67.43	0.00	-75.90	5.89	-91.85	0.60
70	85	-59.62	-0.68	92.73	-3.81	-51.94	1.03
	13	59.62	0.68	-47.50	3.81	-14.67	-1.68

	71	85	58.61	-0.10	119.87	-5.72	-5.43	-0.41
		13	-58.61	0.10	-74.64	5.72	-86.96	0.31
	72	85	-81.86	0.16	60.19	8.51	17.71	0.43
		13	81.86	-0.16	-14.96	-8.51	-53.41	-0.28
	73	85	54.00	0.94	89.84	6.26	71.61	-1.38
		13	-54.00	-0.94	-44.61	-6.26	-135.47	2.27
	74	85	-73.04	0.26	61.45	8.33	21.40	0.25
		13	73.04	-0.26	-16.22	-8.33	-58.29	0.00
	75	85	45.18	0.84	88.59	6.43	67.91	-1.20
		13	-45.18	-0.84	-43.36	-6.43	-130.59	1.99
113	1	13	-2.66	-0.08	-43.03	-0.95	53.07	-0.17
		86	2.66	0.08	61.08	0.95	-3.61	0.10
	2	13	-4.59	-0.04	-2.39	-0.36	19.55	-0.08
		86	4.59	0.04	29.57	0.36	-4.37	0.05
	3	13	-0.71	-0.01	-4.05	-0.09	5.20	-0.02
		86	0.71	0.01	4.05	0.09	-1.35	0.01
	4	13	-0.81	-0.01	-7.79	-0.21	8.97	-0.03
		86	0.81	0.01	7.79	0.21	-1.57	0.02
	5	13	-5.05	-0.05	-2.10	0.14	5.88	-0.18
		86	5.05	0.05	2.10	-0.14	-3.89	0.12
	6	13	5.26	0.06	2.09	-0.13	-5.89	0.18
		86	-5.26	-0.06	-2.09	0.13	3.91	-0.13
	7	13	1.84	0.07	-2.23	0.41	-0.46	0.22
		86	-1.84	-0.07	2.23	-0.41	2.58	-0.15
	8	13	-1.90	-0.07	2.13	-0.46	0.68	-0.22
		86	1.90	0.07	-2.13	0.46	-2.70	0.15
	9	13	-15.65	-0.21	-72.86	-1.86	114.22	-0.54
		86	15.65	0.21	131.65	1.86	-17.08	0.33
	10	13	-6.37	-0.11	-69.09	-2.11	103.62	-0.22
		86	6.37	0.11	127.89	2.11	-10.06	0.11
	11	13	-9.45	-0.10	-72.97	-1.62	108.51	-0.18
		86	9.45	0.10	131.77	1.62	-11.25	0.08
	12	13	-12.81	-0.23	-69.06	-2.40	109.54	-0.58
		86	12.81	0.23	127.86	2.40	-16.00	0.36
	13	13	-15.20	-0.21	-72.63	-1.88	113.15	-0.53
		86	15.20	0.21	131.42	1.88	-16.23	0.33
	14	13	-5.92	-0.11	-68.86	-2.13	102.55	-0.21
		86	5.92	0.11	127.66	2.13	-9.21	0.11
	15	13	-8.99	-0.10	-72.74	-1.64	107.44	-0.18
		86	8.99	0.10	131.54	1.64	-10.41	0.08
	16	13	-12.36	-0.22	-68.83	-2.42	108.47	-0.57
		86	12.36	0.22	127.63	2.42	-15.15	0.36
	17	13	-17.62	-0.23	-68.04	-1.65	109.96	-0.62
		86	17.62	0.23	126.84	1.65	-17.39	0.39
	18	13	-2.15	-0.07	-61.76	-2.06	92.29	-0.08
		86	2.15	0.07	120.56	2.06	-5.69	0.02
	19	13	-7.28	-0.05	-68.24	-1.24	100.44	-0.03
		86	7.28	0.05	127.03	1.24	-7.69	-0.02
	20	13	-12.89	-0.25	-61.71	-2.54	102.15	-0.68

	86	12.89	0.25	120.51	2.54	-15.60	0.44
21	13	-11.40	-0.16	-54.63	-1.42	85.83	-0.39
	86	11.40	0.16	99.86	1.42	-12.45	0.24
22	13	-5.22	-0.09	-52.12	-1.58	78.76	-0.18
	86	5.22	0.09	97.35	1.58	-7.77	0.09
23	13	-7.27	-0.08	-54.71	-1.25	82.02	-0.16
	86	7.27	0.08	99.94	1.25	-8.57	0.08
24	13	-9.51	-0.16	-52.09	-1.78	82.71	-0.42
	86	9.51	0.16	97.32	1.78	-11.73	0.26
25	13	-11.10	-0.16	-54.47	-1.43	85.12	-0.39
	86	11.10	0.16	99.70	1.43	-11.88	0.24
26	13	-4.91	-0.09	-51.96	-1.59	78.05	-0.18
	86	4.91	0.09	97.19	1.59	-7.20	0.09
27	13	-6.96	-0.08	-54.55	-1.27	81.31	-0.15
	86	6.96	0.08	99.78	1.27	-8.00	0.07
28	13	-9.21	-0.16	-51.94	-1.79	81.99	-0.41
	86	9.21	0.16	97.17	1.79	-11.17	0.26
29	13	-12.72	-0.17	-51.42	-1.27	82.99	-0.44
	86	12.72	0.17	96.65	1.27	-12.66	0.28
30	13	-2.40	-0.06	-47.23	-1.55	71.21	-0.09
	86	2.40	0.06	92.46	1.55	-4.86	0.03
31	13	-5.82	-0.05	-51.55	-1.00	76.64	-0.05
	86	5.82	0.05	96.78	1.00	-6.19	0.00
32	13	-9.56	-0.18	-47.19	-1.87	77.78	-0.49
	86	9.56	0.18	92.42	1.87	-11.46	0.31
33	13	-7.26	-0.11	-45.43	-1.31	72.62	-0.25
	86	7.26	0.11	90.65	1.31	-7.98	0.15
34	13	-7.42	-0.11	-46.98	-1.35	74.41	-0.26
	86	7.42	0.11	92.21	1.35	-8.29	0.15
35	13	-8.27	-0.12	-45.84	-1.28	73.80	-0.29
	86	8.27	0.12	91.07	1.28	-8.76	0.17
36	13	-6.20	-0.10	-45.01	-1.34	71.44	-0.22
	86	6.20	0.10	90.24	1.34	-7.20	0.12
37	13	-6.89	-0.10	-45.87	-1.23	72.53	-0.21
	86	6.89	0.10	91.10	1.23	-7.47	0.12
38	13	-7.64	-0.13	-45.00	-1.40	72.75	-0.30
	86	7.64	0.13	90.23	1.40	-8.52	0.18
39	13	-7.26	-0.11	-45.43	-1.31	72.62	-0.25
	86	7.26	0.11	90.65	1.31	-7.98	0.15
40	13	-118.06	-1.40	-49.37	3.67	137.66	-4.55
	86	118.06	1.40	49.37	-3.67	-90.76	3.21
41	13	-101.91	-1.01	-45.18	3.11	121.21	-3.48
	86	101.91	1.01	45.18	-3.11	-78.28	2.51
42	13	19.52	0.58	-15.69	6.09	-21.75	1.29
	86	-19.52	-0.58	15.69	-6.09	36.66	-0.74
43	13	10.27	0.28	-17.67	3.37	-12.34	0.38
	86	-10.27	-0.28	17.67	-3.37	29.13	-0.11
44	13	-119.46	-1.34	-99.50	4.18	203.75	-4.41
	86	119.46	1.34	144.73	-4.18	-87.74	3.14
45	13	-131.18	-1.69	-90.09	0.53	216.81	-5.19

	86	131.18	1.69	135.32	-0.53	-109.74	3.58
46	13	-122.24	-1.43	-100.10	3.37	206.58	-4.69
	86	122.24	1.43	145.33	-3.37	-90.00	3.33
47	13	-128.40	-1.60	-89.50	1.35	213.98	-4.91
	86	128.40	1.60	134.73	-1.35	-107.48	3.39
48	13	116.66	1.47	-0.76	-3.15	-71.57	4.68
	86	-116.66	-1.47	45.99	3.15	93.77	-3.29
49	13	104.95	1.12	8.65	-6.80	-58.52	3.91
	86	-104.95	-1.12	36.58	6.80	71.78	-2.85
50	13	113.89	1.38	-1.35	-3.96	-68.75	4.41
	86	-113.89	-1.38	46.58	3.96	91.52	-3.10
51	13	107.72	1.21	9.25	-5.99	-61.34	4.18
	86	-107.72	-1.21	35.98	5.99	74.04	-3.03
52	13	-103.31	-0.95	-95.32	3.63	187.30	-3.34
	86	103.31	0.95	140.54	-3.63	-75.27	2.44
53	13	-115.02	-1.30	-85.90	-0.02	200.35	-4.12
	86	115.02	1.30	131.13	0.02	-97.26	2.88
54	13	-106.09	-1.04	-95.91	2.81	190.12	-3.62
	86	106.09	1.04	141.14	-2.81	-77.53	2.63
55	13	-112.25	-1.21	-85.31	0.79	197.53	-3.84
	86	112.25	1.21	130.54	-0.79	-95.00	2.69
56	13	100.51	1.08	-4.95	-2.59	-55.12	3.61
	86	-100.51	-1.08	50.18	2.59	81.30	-2.59
57	13	88.80	0.73	4.46	-6.25	-42.06	2.84
	86	-88.80	-0.73	40.77	6.25	59.31	-2.14
58	13	97.73	0.99	-5.54	-3.41	-52.29	3.34
	86	-97.73	-0.99	50.77	3.41	79.04	-2.40
59	13	91.57	0.82	5.06	-5.43	-44.89	3.11
	86	-91.57	-0.82	40.17	5.43	61.57	-2.33
60	13	-23.15	0.05	-75.93	5.88	92.16	-0.33
	86	23.15	-0.05	121.16	-5.88	1.45	0.38
61	13	47.69	0.89	-46.30	3.68	9.57	2.40
	86	-47.69	-0.89	91.53	-3.68	55.90	-1.55
62	13	-18.30	0.17	-74.67	5.71	87.23	-0.01
	86	18.30	-0.17	119.90	-5.71	5.19	0.16
63	13	42.84	0.77	-47.56	3.85	14.50	2.08
	86	-42.84	-0.77	92.79	-3.85	52.16	-1.34
64	13	-62.20	-1.11	-44.55	-6.30	135.67	-2.91
	86	62.20	1.11	89.78	6.30	-71.87	1.85
65	13	8.64	-0.27	-14.92	-8.50	53.07	-0.18
	86	-8.64	0.27	60.15	8.50	-17.41	-0.08
66	13	-57.35	-1.00	-43.29	-6.46	130.73	-2.59
	86	57.35	1.00	88.52	6.46	-68.12	1.64
67	13	3.79	-0.39	-16.18	-8.33	58.01	-0.50
	86	-3.79	0.39	61.41	8.33	-21.15	0.13
68	13	-32.41	-0.25	-77.90	3.16	101.57	-1.24
	86	32.41	0.25	123.13	-3.16	-6.08	1.00
69	13	38.43	0.59	-48.28	0.96	18.98	1.49
	86	-38.43	-0.59	93.51	-0.96	48.37	-0.92
70	13	-27.56	-0.13	-76.65	2.99	96.64	-0.92

		86	27.56	0.13	121.88	-2.99	-2.34	0.79
71		13	33.58	0.48	-49.54	1.13	23.91	1.17
		86	-33.58	-0.48	94.77	-1.13	44.63	-0.71
72		13	-52.94	-0.82	-42.57	-3.58	126.26	-2.00
		86	52.94	0.82	87.80	3.58	-64.33	1.22
73		13	17.89	0.02	-12.95	-5.78	43.66	0.73
		86	-17.89	-0.02	58.18	5.78	-9.88	-0.71
74		13	-48.10	-0.70	-41.31	-3.75	121.33	-1.68
		86	48.10	0.70	86.54	3.75	-60.59	1.01
75		13	13.05	-0.09	-14.20	-5.61	48.60	0.41
		86	-13.05	0.09	59.43	5.61	-13.62	-0.50
114	1	86	-2.66	-0.08	-18.10	-0.95	3.61	-0.10
		87	2.66	0.08	39.00	0.95	27.79	0.01
	2	86	-4.59	-0.04	8.25	-0.36	4.37	-0.05
		87	4.59	0.04	23.22	0.36	3.87	0.01
	3	86	-0.71	-0.01	-2.32	-0.09	1.35	-0.01
		87	0.71	0.01	2.32	0.09	1.20	0.00
	4	86	-0.81	-0.01	-4.44	-0.21	1.57	-0.02
		87	0.81	0.01	4.44	0.21	3.31	0.01
	5	86	-5.05	-0.05	-2.08	0.14	3.89	-0.12
		87	5.05	0.05	2.08	-0.14	-1.61	0.07
	6	86	5.26	0.06	2.04	-0.13	-3.91	0.13
		87	-5.26	-0.06	-2.04	0.13	1.66	-0.07
	7	86	1.84	0.07	-1.72	0.41	-2.58	0.15
		87	-1.84	-0.07	1.72	-0.41	4.46	-0.08
	8	86	-1.90	-0.07	1.67	-0.46	2.70	-0.15
		87	1.90	0.07	-1.67	0.46	-4.54	0.08
	9	86	-15.65	-0.21	-21.48	-1.86	17.08	-0.33
		87	15.65	0.21	89.56	1.86	44.00	0.10
	10	86	-6.37	-0.11	-17.77	-2.11	10.06	-0.11
		87	6.37	0.11	85.85	2.11	46.94	-0.02
	11	86	-9.45	-0.10	-21.16	-1.62	11.25	-0.08
		87	9.45	0.10	89.24	1.62	49.46	-0.03
	12	86	-12.81	-0.23	-18.11	-2.40	16.00	-0.36
		87	12.81	0.23	86.19	2.40	41.36	0.11
	13	86	-15.20	-0.21	-21.33	-1.88	16.23	-0.33
		87	15.20	0.21	89.42	1.88	44.68	0.10
	14	86	-5.92	-0.11	-17.63	-2.13	9.21	-0.11
		87	5.92	0.11	85.71	2.13	47.63	-0.02
	15	86	-8.99	-0.10	-21.01	-1.64	10.41	-0.08
		87	8.99	0.10	89.09	1.64	50.15	-0.03
	16	86	-12.36	-0.22	-17.96	-2.42	15.15	-0.36
		87	12.36	0.22	86.04	2.42	42.05	0.11
	17	86	-17.62	-0.23	-19.25	-1.65	17.39	-0.39
		87	17.62	0.23	87.34	1.65	41.24	0.13
	18	86	-2.15	-0.07	-13.07	-2.06	5.69	-0.02
		87	2.15	0.07	81.15	2.06	46.14	-0.06
	19	86	-7.28	-0.05	-18.71	-1.24	7.69	0.02
		87	7.28	0.05	86.80	1.24	50.34	-0.08

20	86	-12.89	-0.25	-13.63	-2.54	15.60	-0.44
	87	12.89	0.25	81.72	2.54	36.84	0.16
21	86	-11.40	-0.16	-15.63	-1.42	12.45	-0.24
	87	11.40	0.16	68.01	1.42	33.55	0.07
22	86	-5.22	-0.09	-13.16	-1.58	7.77	-0.09
	87	5.22	0.09	65.53	1.58	35.51	-0.01
23	86	-7.27	-0.08	-15.42	-1.25	8.57	-0.08
	87	7.27	0.08	67.79	1.25	37.20	-0.02
24	86	-9.51	-0.16	-13.39	-1.78	11.73	-0.26
	87	9.51	0.16	65.76	1.78	31.80	0.08
25	86	-11.10	-0.16	-15.54	-1.43	11.88	-0.24
	87	11.10	0.16	67.91	1.43	34.01	0.07
26	86	-4.91	-0.09	-13.06	-1.59	7.20	-0.09
	87	4.91	0.09	65.44	1.59	35.97	-0.01
27	86	-6.96	-0.08	-15.32	-1.27	8.00	-0.07
	87	6.96	0.08	67.69	1.27	37.65	-0.02
28	86	-9.21	-0.16	-13.29	-1.79	11.17	-0.26
	87	9.21	0.16	65.66	1.79	32.25	0.08
29	86	-12.72	-0.17	-14.15	-1.27	12.66	-0.28
	87	12.72	0.17	66.52	1.27	31.71	0.09
30	86	-2.40	-0.06	-10.03	-1.55	4.86	-0.03
	87	2.40	0.06	62.40	1.55	34.98	-0.04
31	86	-5.82	-0.05	-13.79	-1.00	6.19	0.00
	87	5.82	0.05	66.16	1.00	37.78	-0.05
32	86	-9.56	-0.18	-10.40	-1.87	11.46	-0.31
	87	9.56	0.18	62.77	1.87	28.78	0.11
33	86	-7.26	-0.11	-9.86	-1.31	7.98	-0.15
	87	7.26	0.11	62.23	1.31	31.66	0.02
34	86	-7.42	-0.11	-10.74	-1.35	8.29	-0.15
	87	7.42	0.11	63.11	1.35	32.33	0.03
35	86	-8.27	-0.12	-10.27	-1.28	8.76	-0.17
	87	8.27	0.12	62.64	1.28	31.34	0.04
36	86	-6.20	-0.10	-9.45	-1.34	7.20	-0.12
	87	6.20	0.10	61.82	1.34	32.00	0.01
37	86	-6.89	-0.10	-10.20	-1.23	7.47	-0.12
	87	6.89	0.10	62.57	1.23	32.56	0.01
38	86	-7.64	-0.13	-9.52	-1.40	8.52	-0.18
	87	7.64	0.13	61.89	1.40	30.76	0.04
39	86	-7.26	-0.11	-9.86	-1.31	7.98	-0.15
	87	7.26	0.11	62.23	1.31	31.66	0.02
40	86	-118.06	-1.40	-48.70	3.67	90.76	-3.21
	87	118.06	1.40	48.70	-3.67	-37.18	1.67
41	86	-101.91	-1.01	-44.63	3.11	78.28	-2.51
	87	101.91	1.01	44.63	-3.11	-29.19	1.40
42	86	19.52	0.58	-8.99	6.09	-36.66	0.74
	87	-19.52	-0.58	8.99	-6.09	46.55	-0.10
43	86	10.27	0.28	-11.12	3.37	-29.13	0.11
	87	-10.27	-0.28	11.12	-3.37	41.36	0.20
44	86	-119.46	-1.34	-61.26	4.18	87.74	-3.14
	87	119.46	1.34	113.63	-4.18	8.44	1.67

45	86	-131.18	-1.69	-55.86	0.53	109.74	-3.58
	87	131.18	1.69	108.23	-0.53	-19.48	1.72
46	86	-122.24	-1.43	-61.90	3.37	90.00	-3.33
	87	122.24	1.43	114.27	-3.37	6.89	1.76
47	86	-128.40	-1.60	-55.22	1.35	107.48	-3.39
	87	128.40	1.60	107.59	-1.35	-17.93	1.63
48	86	116.66	1.47	36.15	-3.15	-93.77	3.29
	87	-116.66	-1.47	16.22	3.15	82.81	-1.68
49	86	104.95	1.12	41.55	-6.80	-71.78	2.85
	87	-104.95	-1.12	10.83	6.80	54.88	-1.62
50	86	113.89	1.38	35.51	-3.96	-91.52	3.10
	87	-113.89	-1.38	16.86	3.96	81.26	-1.58
51	86	107.72	1.21	42.19	-5.99	-74.04	3.03
	87	-107.72	-1.21	10.19	5.99	56.44	-1.71
52	86	-103.31	-0.95	-57.18	3.63	75.27	-2.44
	87	103.31	0.95	109.56	-3.63	16.44	1.40
53	86	-115.02	-1.30	-51.79	-0.02	97.26	-2.88
	87	115.02	1.30	104.16	0.02	-11.49	1.45
54	86	-106.09	-1.04	-57.83	2.81	77.53	-2.63
	87	106.09	1.04	110.20	-2.81	14.88	1.49
55	86	-112.25	-1.21	-51.15	0.79	95.00	-2.69
	87	112.25	1.21	103.52	-0.79	-9.93	1.36
56	86	100.51	1.08	32.08	-2.59	-81.30	2.59
	87	-100.51	-1.08	20.29	2.59	74.82	-1.40
57	86	88.80	0.73	37.47	-6.25	-59.31	2.14
	87	-88.80	-0.73	14.90	6.25	46.89	-1.35
58	86	97.73	0.99	31.44	-3.41	-79.04	2.40
	87	-97.73	-0.99	20.93	3.41	73.26	-1.31
59	86	91.57	0.82	38.11	-5.43	-61.57	2.33
	87	-91.57	-0.82	14.26	5.43	48.44	-1.44
60	86	-23.15	0.05	-33.46	5.88	-1.45	-0.38
	87	23.15	-0.05	85.83	-5.88	67.05	0.43
61	86	47.69	0.89	-4.23	3.68	-55.90	1.55
	87	-47.69	-0.89	56.60	-3.68	89.36	-0.57
62	86	-18.30	0.17	-32.23	5.71	-5.19	-0.16
	87	18.30	-0.17	84.60	-5.71	69.45	0.35
63	86	42.84	0.77	-5.45	3.85	-52.16	1.34
	87	-42.84	-0.77	57.83	-3.85	86.97	-0.49
64	86	-62.20	-1.11	-15.48	-6.30	71.87	-1.85
	87	62.20	1.11	67.85	6.30	-26.04	0.62
65	86	8.64	-0.27	13.74	-8.50	17.41	0.08
	87	-8.64	0.27	38.63	8.50	-3.73	-0.38
66	86	-57.35	-1.00	-14.26	-6.46	68.12	-1.64
	87	57.35	1.00	66.63	6.46	-23.64	0.54
67	86	3.79	-0.39	12.52	-8.33	21.15	-0.13
	87	-3.79	0.39	39.85	8.33	-6.12	-0.30
68	86	-32.41	-0.25	-35.59	3.16	6.08	-1.00
	87	32.41	0.25	87.96	-3.16	61.87	0.73
69	86	38.43	0.59	-6.37	0.96	-48.37	0.92
	87	-38.43	-0.59	58.74	-0.96	84.18	-0.27

	70	86	-27.56	-0.13	-34.37	2.99	2.34	-0.79
		87	27.56	0.13	86.74	-2.99	64.27	0.65
	71	86	33.58	0.48	-7.59	1.13	-44.63	0.71
		87	-33.58	-0.48	59.96	-1.13	81.78	-0.19
	72	86	-52.94	-0.82	-13.34	-3.58	64.33	-1.22
		87	52.94	0.82	65.71	3.58	-20.85	0.32
	73	86	17.89	0.02	15.88	-5.78	9.88	0.71
		87	-17.89	-0.02	36.49	5.78	1.46	-0.68
	74	86	-48.10	-0.70	-12.12	-3.75	60.59	-1.01
		87	48.10	0.70	64.49	3.75	-18.45	0.24
	75	86	13.05	-0.09	14.66	-5.61	13.62	0.50
		87	-13.05	0.09	37.71	5.61	-0.94	-0.60
115	1	87	-2.66	-0.08	3.88	-0.95	-27.79	-0.01
		88	2.66	0.08	17.02	0.95	35.02	-0.07
	2	87	-4.59	-0.04	14.53	-0.36	-3.87	-0.01
		88	4.59	0.04	16.94	0.36	5.19	-0.03
	3	87	-0.71	-0.01	-0.60	-0.09	-1.20	0.00
		88	0.71	0.01	0.60	0.09	1.85	0.00
	4	87	-0.81	-0.01	-1.10	-0.21	-3.31	-0.01
		88	0.81	0.01	1.10	0.21	4.52	-0.01
	5	87	-5.05	-0.05	-2.04	0.14	1.61	-0.07
		88	5.05	0.05	2.04	-0.14	0.64	0.01
	6	87	5.26	0.06	1.98	-0.13	-1.66	0.07
		88	-5.26	-0.06	-1.98	0.13	-0.51	0.00
	7	87	1.84	0.07	-1.20	0.41	-4.46	0.08
		88	-1.84	-0.07	1.20	-0.41	5.78	-0.01
	8	87	-1.90	-0.07	1.20	-0.46	4.54	-0.08
		88	1.90	0.07	-1.20	0.46	-5.86	0.01
	9	87	-15.65	-0.21	20.39	-1.86	-44.00	-0.10
		88	15.65	0.21	47.69	1.86	59.01	-0.13
	10	87	-6.37	-0.11	24.01	-2.11	-46.94	0.02
		88	6.37	0.11	44.08	2.11	57.98	-0.14
	11	87	-9.45	-0.10	21.15	-1.62	-49.46	0.03
		88	9.45	0.10	46.93	1.62	63.64	-0.15
	12	87	-12.81	-0.23	23.31	-2.40	-41.36	-0.11
		88	12.81	0.23	44.78	2.40	53.17	-0.13
	13	87	-15.20	-0.21	20.46	-1.88	-44.68	-0.10
		88	15.20	0.21	47.62	1.88	59.62	-0.13
	14	87	-5.92	-0.11	24.07	-2.13	-47.63	0.02
		88	5.92	0.11	44.01	2.13	58.59	-0.14
	15	87	-8.99	-0.10	21.22	-1.64	-50.15	0.03
		88	8.99	0.10	46.86	1.64	64.25	-0.14
	16	87	-12.36	-0.22	23.38	-2.42	-42.05	-0.11
		88	12.36	0.22	44.71	2.42	53.78	-0.13
	17	87	-17.62	-0.23	20.06	-1.65	-41.24	-0.13
		88	17.62	0.23	48.02	1.65	56.62	-0.12
	18	87	-2.15	-0.07	26.08	-2.06	-46.14	0.06
		88	2.15	0.07	42.00	2.06	54.89	-0.14
	19	87	-7.28	-0.05	21.33	-1.24	-50.34	0.08

	88	7.28	0.05	46.76	1.24	64.33	-0.14
20	87	-12.89	-0.25	24.92	-2.54	-36.84	-0.16
	88	12.89	0.25	43.16	2.54	46.88	-0.12
21	87	-11.40	-0.16	16.05	-1.42	-33.55	-0.07
	88	11.40	0.16	36.32	1.42	44.70	-0.10
22	87	-5.22	-0.09	18.46	-1.58	-35.51	0.01
	88	5.22	0.09	33.91	1.58	44.01	-0.11
23	87	-7.27	-0.08	16.56	-1.25	-37.20	0.02
	88	7.27	0.08	35.82	1.25	47.79	-0.11
24	87	-9.51	-0.16	17.99	-1.78	-31.80	-0.08
	88	9.51	0.16	34.38	1.78	40.81	-0.10
25	87	-11.10	-0.16	16.10	-1.43	-34.01	-0.07
	88	11.10	0.16	36.27	1.43	45.11	-0.10
26	87	-4.91	-0.09	18.51	-1.59	-35.97	0.01
	88	4.91	0.09	33.87	1.59	44.42	-0.11
27	87	-6.96	-0.08	16.60	-1.27	-37.65	0.02
	88	6.96	0.08	35.77	1.27	48.20	-0.11
28	87	-9.21	-0.16	18.04	-1.79	-32.25	-0.08
	88	9.21	0.16	34.33	1.79	41.22	-0.10
29	87	-12.72	-0.17	15.83	-1.27	-31.71	-0.09
	88	12.72	0.17	36.54	1.27	43.10	-0.10
30	87	-2.40	-0.06	19.84	-1.55	-34.98	0.04
	88	2.40	0.06	32.53	1.55	41.95	-0.11
31	87	-5.82	-0.05	16.67	-1.00	-37.78	0.05
	88	5.82	0.05	35.70	1.00	48.25	-0.11
32	87	-9.56	-0.18	19.07	-1.87	-28.78	-0.11
	88	9.56	0.18	33.30	1.87	36.61	-0.09
33	87	-7.26	-0.11	18.42	-1.31	-31.66	-0.02
	88	7.26	0.11	33.95	1.31	40.21	-0.10
34	87	-7.42	-0.11	18.20	-1.35	-32.33	-0.03
	88	7.42	0.11	34.17	1.35	41.11	-0.10
35	87	-8.27	-0.12	18.01	-1.28	-31.34	-0.04
	88	8.27	0.12	34.36	1.28	40.34	-0.10
36	87	-6.20	-0.10	18.81	-1.34	-32.00	-0.01
	88	6.20	0.10	33.56	1.34	40.11	-0.10
37	87	-6.89	-0.10	18.18	-1.23	-32.56	-0.01
	88	6.89	0.10	34.19	1.23	41.37	-0.10
38	87	-7.64	-0.13	18.66	-1.40	-30.76	-0.04
	88	7.64	0.13	33.71	1.40	39.04	-0.10
39	87	-7.26	-0.11	18.42	-1.31	-31.66	-0.02
	88	7.26	0.11	33.95	1.31	40.21	-0.10
40	87	-118.06	-1.40	-47.68	3.67	37.18	-1.67
	88	118.06	1.40	47.68	-3.67	15.27	0.13
41	87	-101.91	-1.01	-43.81	3.11	29.19	-1.40
	88	101.91	1.01	43.81	-3.11	19.00	0.29
42	87	19.52	0.58	-2.01	6.09	-46.55	0.10
	88	-19.52	-0.58	2.01	-6.09	48.76	0.54
43	87	10.27	0.28	-4.53	3.37	-41.36	-0.20
	88	-10.27	-0.28	4.53	-3.37	46.34	0.52
44	87	-119.46	-1.34	-29.87	4.18	-8.44	-1.67

	88	119.46	1.34	82.24	-4.18	70.10	0.19
45	87	-131.18	-1.69	-28.66	0.53	19.48	-1.72
	88	131.18	1.69	81.03	-0.53	40.85	-0.13
46	87	-122.24	-1.43	-30.62	3.37	-6.89	-1.76
	88	122.24	1.43	82.99	-3.37	69.38	0.19
47	87	-128.40	-1.60	-27.91	1.35	17.93	-1.63
	88	128.40	1.60	80.28	-1.35	41.57	-0.13
48	87	116.66	1.47	65.49	-3.15	-82.81	1.68
	88	-116.66	-1.47	-13.12	3.15	39.57	-0.06
49	87	104.95	1.12	66.70	-6.80	-54.88	1.62
	88	-104.95	-1.12	-14.33	6.80	10.32	-0.39
50	87	113.89	1.38	64.74	-3.96	-81.26	1.58
	88	-113.89	-1.38	-12.37	3.96	38.85	-0.07
51	87	107.72	1.21	67.46	-5.99	-56.44	1.71
	88	-107.72	-1.21	-15.09	5.99	11.04	-0.38
52	87	-103.31	-0.95	-25.99	3.63	-16.44	-1.40
	88	103.31	0.95	78.36	-3.63	73.84	0.35
53	87	-115.02	-1.30	-24.79	-0.02	11.49	-1.45
	88	115.02	1.30	77.16	0.02	44.58	0.02
54	87	-106.09	-1.04	-26.75	2.81	-14.88	-1.49
	88	106.09	1.04	79.12	-2.81	73.11	0.34
55	87	-112.25	-1.21	-24.03	0.79	9.93	-1.36
	88	112.25	1.21	76.40	-0.79	45.31	0.03
56	87	100.51	1.08	61.62	-2.59	-74.82	1.40
	88	-100.51	-1.08	-9.25	2.59	35.84	-0.22
57	87	88.80	0.73	62.83	-6.25	-46.89	1.35
	88	-88.80	-0.73	-10.46	6.25	6.58	-0.55
58	87	97.73	0.99	60.87	-3.41	-73.26	1.31
	88	-97.73	-0.99	-8.49	3.41	35.11	-0.23
59	87	91.57	0.82	63.58	-5.43	-48.44	1.44
	88	-91.57	-0.82	-11.21	5.43	7.31	-0.54
60	87	-23.15	0.05	2.10	5.88	-67.05	-0.43
	88	23.15	-0.05	50.27	-5.88	93.55	0.48
61	87	47.69	0.89	30.71	3.68	-89.36	0.57
	88	-47.69	-0.89	21.66	-3.68	84.39	0.41
62	87	-18.30	0.17	3.26	5.71	-69.45	-0.35
	88	18.30	-0.17	49.11	-5.71	94.67	0.53
63	87	42.84	0.77	29.55	3.85	-86.97	0.49
	88	-42.84	-0.77	22.82	-3.85	83.27	0.36
64	87	-62.20	-1.11	6.12	-6.30	26.04	-0.62
	88	62.20	1.11	46.25	6.30	-3.97	-0.60
65	87	8.64	-0.27	34.73	-8.50	3.73	0.38
	88	-8.64	0.27	17.64	8.50	-13.13	-0.68
66	87	-57.35	-1.00	7.29	-6.46	23.64	-0.54
	88	57.35	1.00	45.08	6.46	-2.85	-0.56
67	87	3.79	-0.39	33.57	-8.33	6.12	0.30
	88	-3.79	0.39	18.80	8.33	-14.25	-0.73
68	87	-32.41	-0.25	-0.41	3.16	-61.87	-0.73
	88	32.41	0.25	52.78	-3.16	91.13	0.46
69	87	38.43	0.59	28.20	0.96	-84.18	0.27

		88	-38.43	-0.59	24.18	-0.96	81.97	0.38
70		87	-27.56	-0.13	0.75	2.99	-64.27	-0.65
		88	27.56	0.13	51.62	-2.99	92.25	0.50
71		87	33.58	0.48	27.03	1.13	-81.78	0.19
		88	-33.58	-0.48	25.34	-1.13	80.85	0.33
72		87	-52.94	-0.82	8.64	-3.58	20.85	-0.32
		88	52.94	0.82	43.73	3.58	-1.55	-0.58
73		87	17.89	0.02	37.25	-5.78	-1.46	0.68
		88	-17.89	-0.02	15.12	5.78	-10.71	-0.65
74		87	-48.10	-0.70	9.80	-3.75	18.45	-0.24
		88	48.10	0.70	42.57	3.75	-0.43	-0.53
75		87	13.05	-0.09	36.08	-5.61	0.94	0.60
		88	-13.05	0.09	16.29	5.61	-11.83	-0.70
116	1	88	-2.66	-0.08	25.86	-0.95	-35.02	0.07
		89	2.66	0.08	-4.96	0.95	18.07	-0.16
	2	88	-4.59	-0.04	20.76	-0.36	-5.19	0.03
		89	4.59	0.04	10.71	0.36	-0.34	-0.07
	3	88	-0.71	-0.01	1.12	-0.09	-1.85	0.00
		89	0.71	0.01	-1.12	0.09	0.62	-0.01
	4	88	-0.81	-0.01	2.23	-0.21	-4.52	0.01
		89	0.81	0.01	-2.23	0.21	2.06	-0.02
	5	88	-5.05	-0.05	-1.99	0.14	-0.64	-0.01
		89	5.05	0.05	1.99	-0.14	2.82	-0.05
	6	88	5.26	0.06	1.90	-0.13	0.51	0.00
		89	-5.26	-0.06	-1.90	0.13	-2.60	0.06
	7	88	1.84	0.07	-0.64	0.41	-5.78	0.01
		89	-1.84	-0.07	0.64	-0.41	6.49	0.07
	8	88	-1.90	-0.07	0.70	-0.46	5.86	-0.01
		89	1.90	0.07	-0.70	0.46	-6.63	-0.07
	9	88	-15.65	-0.21	62.17	-1.86	-59.01	0.13
		89	15.65	0.21	5.91	1.86	28.07	-0.37
	10	88	-6.37	-0.11	65.67	-2.11	-57.98	0.14
		89	6.37	0.11	2.42	2.11	23.19	-0.27
	11	88	-9.45	-0.10	63.38	-1.62	-63.64	0.15
		89	9.45	0.10	4.70	1.62	31.37	-0.26
	12	88	-12.81	-0.23	64.59	-2.40	-53.17	0.13
		89	12.81	0.23	3.49	2.40	19.57	-0.38
	13	88	-15.20	-0.21	62.17	-1.88	-59.62	0.13
		89	15.20	0.21	5.91	1.88	28.68	-0.36
	14	88	-5.92	-0.11	65.67	-2.13	-58.59	0.14
		89	5.92	0.11	2.42	2.13	23.80	-0.27
	15	88	-8.99	-0.10	63.38	-1.64	-64.25	0.14
		89	8.99	0.10	4.70	1.64	31.98	-0.26
	16	88	-12.36	-0.22	64.59	-2.42	-53.78	0.13
		89	12.36	0.22	3.49	2.42	20.18	-0.38
	17	88	-17.62	-0.23	59.30	-1.65	-56.62	0.12
		89	17.62	0.23	8.78	1.65	28.83	-0.38
	18	88	-2.15	-0.07	65.13	-2.06	-54.89	0.14
		89	2.15	0.07	2.95	2.06	20.69	-0.22

19	88	-7.28	-0.05	61.32	-1.24	-64.33	0.14
	89	7.28	0.05	6.76	1.24	34.33	-0.20
20	88	-12.89	-0.25	63.33	-2.54	-46.88	0.12
	89	12.89	0.25	4.75	2.54	14.66	-0.40
21	88	-11.40	-0.16	47.66	-1.42	-44.70	0.10
	89	11.40	0.16	4.71	1.42	21.08	-0.28
22	88	-5.22	-0.09	49.99	-1.58	-44.01	0.11
	89	5.22	0.09	2.38	1.58	17.82	-0.21
23	88	-7.27	-0.08	48.47	-1.25	-47.79	0.11
	89	7.27	0.08	3.90	1.25	23.28	-0.20
24	88	-9.51	-0.16	49.28	-1.78	-40.81	0.10
	89	9.51	0.16	3.10	1.78	15.41	-0.28
25	88	-11.10	-0.16	47.66	-1.43	-45.11	0.10
	89	11.10	0.16	4.71	1.43	21.49	-0.27
26	88	-4.91	-0.09	49.99	-1.59	-44.42	0.11
	89	4.91	0.09	2.38	1.59	18.23	-0.21
27	88	-6.96	-0.08	48.47	-1.27	-48.20	0.11
	89	6.96	0.08	3.90	1.27	23.69	-0.20
28	88	-9.21	-0.16	49.27	-1.79	-41.22	0.10
	89	9.21	0.16	3.10	1.79	15.82	-0.28
29	88	-12.72	-0.17	45.75	-1.27	-43.10	0.10
	89	12.72	0.17	6.62	1.27	21.58	-0.28
30	88	-2.40	-0.06	49.64	-1.55	-41.95	0.11
	89	2.40	0.06	2.74	1.55	16.16	-0.17
31	88	-5.82	-0.05	47.09	-1.00	-48.25	0.11
	89	5.82	0.05	5.28	1.00	25.25	-0.16
32	88	-9.56	-0.18	48.44	-1.87	-36.61	0.09
	89	9.56	0.18	3.93	1.87	12.13	-0.30
33	88	-7.26	-0.11	46.62	-1.31	-40.21	0.10
	89	7.26	0.11	5.75	1.31	17.73	-0.22
34	88	-7.42	-0.11	47.07	-1.35	-41.11	0.10
	89	7.42	0.11	5.30	1.35	18.14	-0.23
35	88	-8.27	-0.12	46.23	-1.28	-40.34	0.10
	89	8.27	0.12	6.15	1.28	18.29	-0.23
36	88	-6.20	-0.10	47.00	-1.34	-40.11	0.10
	89	6.20	0.10	5.37	1.34	17.21	-0.21
37	88	-6.89	-0.10	46.49	-1.23	-41.37	0.10
	89	6.89	0.10	5.88	1.23	19.03	-0.21
38	88	-7.64	-0.13	46.76	-1.40	-39.04	0.10
	89	7.64	0.13	5.61	1.40	16.40	-0.23
39	88	-7.26	-0.11	46.62	-1.31	-40.21	0.10
	89	7.26	0.11	5.75	1.31	17.73	-0.22
40	88	-118.06	-1.40	-46.46	3.67	-15.27	-0.13
	89	118.06	1.40	46.46	-3.67	66.37	-1.42
41	88	-101.91	-1.01	-42.83	3.11	-19.00	-0.29
	89	101.91	1.01	42.83	-3.11	66.11	-0.83
42	88	19.52	0.58	5.43	6.09	-48.76	-0.54
	89	-19.52	-0.58	-5.43	-6.09	42.79	1.18
43	88	10.27	0.28	2.30	3.37	-46.34	-0.52
	89	-10.27	-0.28	-2.30	-3.37	43.82	0.83

44	88	-119.46	-1.34	1.79	4.18	-70.10	-0.19
	89	119.46	1.34	50.58	-4.18	96.94	-1.28
45	88	-131.18	-1.69	-1.47	0.53	-40.85	0.13
	89	131.18	1.69	53.84	-0.53	71.26	-1.99
46	88	-122.24	-1.43	0.85	3.37	-69.38	-0.19
	89	122.24	1.43	51.52	-3.37	97.25	-1.39
47	88	-128.40	-1.60	-0.53	1.35	-41.57	0.13
	89	128.40	1.60	52.90	-1.35	70.96	-1.89
48	88	116.66	1.47	94.71	-3.15	-39.57	0.06
	89	-116.66	-1.47	-42.34	3.15	-35.81	1.55
49	88	104.95	1.12	91.45	-6.80	-10.32	0.39
	89	-104.95	-1.12	-39.08	6.80	-61.48	0.84
50	88	113.89	1.38	93.77	-3.96	-38.85	0.07
	89	-113.89	-1.38	-41.40	3.96	-35.50	1.44
51	88	107.72	1.21	92.39	-5.99	-11.04	0.38
	89	-107.72	-1.21	-40.02	5.99	-61.79	0.94
52	88	-103.31	-0.95	5.43	3.63	-73.84	-0.35
	89	103.31	0.95	46.95	-3.63	96.67	-0.69
53	88	-115.02	-1.30	2.17	-0.02	-44.58	-0.02
	89	115.02	1.30	50.20	0.02	71.00	-1.41
54	88	-106.09	-1.04	4.49	2.81	-73.11	-0.34
	89	106.09	1.04	47.89	-2.81	96.98	-0.80
55	88	-112.25	-1.21	3.11	0.79	-45.31	-0.03
	89	112.25	1.21	49.26	-0.79	70.69	-1.30
56	88	100.51	1.08	91.08	-2.59	-35.84	0.22
	89	-100.51	-1.08	-38.71	2.59	-35.54	0.96
57	88	88.80	0.73	87.82	-6.25	-6.58	0.55
	89	-88.80	-0.73	-35.45	6.25	-61.22	0.25
58	88	97.73	0.99	90.14	-3.41	-35.11	0.23
	89	-97.73	-0.99	-37.77	3.41	-35.23	0.86
59	88	91.57	0.82	88.76	-5.43	-7.31	0.54
	89	-91.57	-0.82	-36.39	5.43	-61.52	0.36
60	88	-23.15	0.05	38.11	5.88	-93.55	-0.48
	89	23.15	-0.05	14.26	-5.88	80.43	0.54
61	88	47.69	0.89	65.99	3.68	-84.39	-0.41
	89	-47.69	-0.89	-13.62	-3.68	40.60	1.39
62	88	-18.30	0.17	39.20	5.71	-94.67	-0.53
	89	18.30	-0.17	13.17	-5.71	80.35	0.71
63	88	42.84	0.77	64.90	3.85	-83.27	-0.36
	89	-42.84	-0.77	-12.53	-3.85	40.68	1.21
64	88	-62.20	-1.11	27.26	-6.30	3.97	0.60
	89	62.20	1.11	25.11	6.30	-5.15	-1.83
65	88	8.64	-0.27	55.13	-8.50	13.13	0.68
	89	-8.64	0.27	-2.76	8.50	-44.97	-0.98
66	88	-57.35	-1.00	28.35	-6.46	2.85	0.56
	89	57.35	1.00	24.02	6.46	-5.23	-1.65
67	88	3.79	-0.39	54.04	-8.33	14.25	0.73
	89	-3.79	0.39	-1.67	8.33	-44.89	-1.16
68	88	-32.41	-0.25	34.98	3.16	-91.13	-0.46
	89	32.41	0.25	17.39	-3.16	81.46	0.18

	69	88	38.43	0.59	62.86	0.96	-81.97	-0.38
		89	-38.43	-0.59	-10.49	-0.96	41.63	1.03
	70	88	-27.56	-0.13	36.07	2.99	-92.25	-0.50
		89	27.56	0.13	16.30	-2.99	81.38	0.36
	71	88	33.58	0.48	61.77	1.13	-80.85	-0.33
		89	-33.58	-0.48	-9.40	-1.13	41.71	0.86
	72	88	-52.94	-0.82	30.39	-3.58	1.55	0.58
		89	52.94	0.82	21.98	3.58	-6.18	-1.48
	73	88	17.89	0.02	58.27	-5.78	10.71	0.65
		89	-17.89	-0.02	-5.89	5.78	-46.00	-0.63
	74	88	-48.10	-0.70	31.48	-3.75	0.43	0.53
		89	48.10	0.70	20.89	3.75	-6.25	-1.30
	75	88	13.05	-0.09	57.18	-5.61	11.83	0.70
		89	-13.05	0.09	-4.80	5.61	-45.92	-0.80
117	1	89	-2.66	-0.08	47.95	-0.95	-18.07	0.16
		90	2.66	0.08	-27.05	0.95	-23.19	-0.24
	2	89	-4.59	-0.04	26.93	-0.36	0.34	0.07
		90	4.59	0.04	4.54	0.36	-12.66	-0.10
	3	89	-0.71	-0.01	2.83	-0.09	-0.62	0.01
		90	0.71	0.01	-2.83	0.09	-2.48	-0.02
	4	89	-0.81	-0.01	5.57	-0.21	-2.06	0.02
		90	0.81	0.01	-5.57	0.21	-4.06	-0.03
	5	89	-5.05	-0.05	-1.92	0.14	-2.82	0.05
		90	5.05	0.05	1.92	-0.14	4.93	-0.11
	6	89	5.26	0.06	1.80	-0.13	2.60	-0.06
		90	-5.26	-0.06	-1.80	0.13	-4.58	0.12
	7	89	1.84	0.07	-0.04	0.41	-6.49	-0.07
		90	-1.84	-0.07	0.04	-0.41	6.53	0.14
	8	89	-1.90	-0.07	0.14	-0.46	6.63	0.07
		90	1.90	0.07	-0.14	0.46	-6.78	-0.14
	9	89	-15.65	-0.21	104.04	-1.86	-28.07	0.37
		90	15.65	0.21	-35.96	1.86	-48.93	-0.60
	10	89	-6.37	-0.11	107.39	-2.11	-23.19	0.27
		90	6.37	0.11	-39.31	2.11	-57.49	-0.40
	11	89	-9.45	-0.10	105.74	-1.62	-31.37	0.26
		90	9.45	0.10	-37.65	1.62	-47.49	-0.38
	12	89	-12.81	-0.23	105.90	-2.40	-19.57	0.38
		90	12.81	0.23	-37.82	2.40	-59.47	-0.63
	13	89	-15.20	-0.21	103.98	-1.88	-28.68	0.36
		90	15.20	0.21	-35.90	1.88	-48.25	-0.60
	14	89	-5.92	-0.11	107.33	-2.13	-23.80	0.27
		90	5.92	0.11	-39.25	2.13	-56.82	-0.39
	15	89	-8.99	-0.10	105.68	-1.64	-31.98	0.26
		90	8.99	0.10	-37.59	1.64	-46.82	-0.37
	16	89	-12.36	-0.22	105.84	-2.42	-20.18	0.38
		90	12.36	0.22	-37.76	2.42	-58.80	-0.62
	17	89	-17.62	-0.23	98.65	-1.65	-28.83	0.38
		90	17.62	0.23	-30.57	1.65	-42.24	-0.64
	18	89	-2.15	-0.07	104.23	-2.06	-20.69	0.22

	90	2.15	0.07	-36.15	2.06	-56.52	-0.29
19	89	-7.28	-0.05	101.47	-1.24	-34.33	0.20
	90	7.28	0.05	-33.39	1.24	-39.85	-0.26
20	89	-12.89	-0.25	101.75	-2.54	-14.66	0.40
	90	12.89	0.25	-33.66	2.54	-59.82	-0.68
21	89	-11.40	-0.16	79.35	-1.42	-21.08	0.28
	90	11.40	0.16	-26.98	1.42	-37.40	-0.45
22	89	-5.22	-0.09	81.58	-1.58	-17.82	0.21
	90	5.22	0.09	-29.21	1.58	-43.11	-0.31
23	89	-7.27	-0.08	80.48	-1.25	-23.28	0.20
	90	7.27	0.08	-28.10	1.25	-36.44	-0.30
24	89	-9.51	-0.16	80.58	-1.78	-15.41	0.28
	90	9.51	0.16	-28.21	1.78	-44.43	-0.47
25	89	-11.10	-0.16	79.31	-1.43	-21.49	0.27
	90	11.10	0.16	-26.94	1.43	-36.95	-0.44
26	89	-4.91	-0.09	81.54	-1.59	-18.23	0.21
	90	4.91	0.09	-29.17	1.59	-42.66	-0.31
27	89	-6.96	-0.08	80.44	-1.27	-23.69	0.20
	90	6.96	0.08	-28.06	1.27	-35.99	-0.29
28	89	-9.21	-0.16	80.54	-1.79	-15.82	0.28
	90	9.21	0.16	-28.17	1.79	-43.98	-0.46
29	89	-12.72	-0.17	75.75	-1.27	-21.58	0.28
	90	12.72	0.17	-23.38	1.27	-32.94	-0.47
30	89	-2.40	-0.06	79.48	-1.55	-16.16	0.17
	90	2.40	0.06	-27.10	1.55	-42.46	-0.24
31	89	-5.82	-0.05	77.63	-1.00	-25.25	0.16
	90	5.82	0.05	-25.26	1.00	-31.34	-0.22
32	89	-9.56	-0.18	77.82	-1.87	-12.13	0.30
	90	9.56	0.18	-25.45	1.87	-44.66	-0.50
33	89	-7.26	-0.11	74.89	-1.31	-17.73	0.22
	90	7.26	0.11	-22.52	1.31	-35.84	-0.34
34	89	-7.42	-0.11	76.00	-1.35	-18.14	0.23
	90	7.42	0.11	-23.63	1.35	-36.66	-0.35
35	89	-8.27	-0.12	74.50	-1.28	-18.29	0.23
	90	8.27	0.12	-22.13	1.28	-34.86	-0.37
36	89	-6.20	-0.10	75.25	-1.34	-17.21	0.21
	90	6.20	0.10	-22.88	1.34	-36.76	-0.32
37	89	-6.89	-0.10	74.88	-1.23	-19.03	0.21
	90	6.89	0.10	-22.51	1.23	-34.54	-0.32
38	89	-7.64	-0.13	74.92	-1.40	-16.40	0.23
	90	7.64	0.13	-22.55	1.40	-37.20	-0.37
39	89	-7.26	-0.11	74.89	-1.31	-17.73	0.22
	90	7.26	0.11	-22.52	1.31	-35.84	-0.34
40	89	-118.06	-1.40	-44.98	3.67	-66.37	1.42
	90	118.06	1.40	44.98	-3.67	115.85	-2.96
41	89	-101.91	-1.01	-41.61	3.11	-66.11	0.83
	90	101.91	1.01	41.61	-3.11	111.88	-1.94
42	89	19.52	0.58	13.53	6.09	-42.79	-1.18
	90	-19.52	-0.58	-13.53	-6.09	27.91	1.82
43	89	10.27	0.28	9.53	3.37	-43.82	-0.83

	90	-10.27	-0.28	-9.53	-3.37	33.34	1.14
44	89	-119.46	-1.34	33.97	4.18	-96.94	1.28
	90	119.46	1.34	18.40	-4.18	88.37	-2.75
45	89	-131.18	-1.69	25.85	0.53	-71.26	1.99
	90	131.18	1.69	26.52	-0.53	71.63	-3.85
46	89	-122.24	-1.43	32.77	3.37	-97.25	1.39
	90	122.24	1.43	19.60	-3.37	90.00	-2.96
47	89	-128.40	-1.60	27.05	1.35	-70.96	1.89
	90	128.40	1.60	25.32	-1.35	70.00	-3.65
48	89	116.66	1.47	123.92	-3.15	35.81	-1.55
	90	-116.66	-1.47	-71.55	3.15	-143.32	3.16
49	89	104.95	1.12	115.81	-6.80	61.48	-0.84
	90	-104.95	-1.12	-63.44	6.80	-160.06	2.07
50	89	113.89	1.38	122.72	-3.96	35.50	-1.44
	90	-113.89	-1.38	-70.35	3.96	-141.69	2.96
51	89	107.72	1.21	117.01	-5.99	61.79	-0.94
	90	-107.72	-1.21	-64.64	5.99	-161.69	2.27
52	89	-103.31	-0.95	37.33	3.63	-96.67	0.69
	90	103.31	0.95	15.04	-3.63	84.41	-1.74
53	89	-115.02	-1.30	29.22	-0.02	-71.00	1.41
	90	115.02	1.30	23.15	0.02	67.67	-2.83
54	89	-106.09	-1.04	36.13	2.81	-96.98	0.80
	90	106.09	1.04	16.24	-2.81	86.04	-1.94
55	89	-112.25	-1.21	30.42	0.79	-70.69	1.30
	90	112.25	1.21	21.95	-0.79	66.04	-2.63
56	89	100.51	1.08	120.56	-2.59	35.54	-0.96
	90	-100.51	-1.08	-68.19	2.59	-139.35	2.15
57	89	88.80	0.73	112.44	-6.25	61.22	-0.25
	90	-88.80	-0.73	-60.07	6.25	-156.10	1.05
58	89	97.73	0.99	119.36	-3.41	35.23	-0.86
	90	-97.73	-0.99	-66.99	3.41	-137.72	1.94
59	89	91.57	0.82	113.64	-5.43	61.52	-0.36
	90	-91.57	-0.82	-61.27	5.43	-157.73	1.26
60	89	-23.15	0.05	74.92	5.88	-80.43	-0.54
	90	23.15	-0.05	-22.55	-5.88	26.82	0.59
61	89	47.69	0.89	101.91	3.68	-40.60	-1.39
	90	-47.69	-0.89	-49.54	-3.68	-42.69	2.37
62	89	-18.30	0.17	75.93	5.71	-80.35	-0.71
	90	18.30	-0.17	-23.56	-5.71	25.63	0.90
63	89	42.84	0.77	100.90	3.85	-40.68	-1.21
	90	-42.84	-0.77	-48.53	-3.85	-41.50	2.06
64	89	-62.20	-1.11	47.87	-6.30	5.15	1.83
	90	62.20	1.11	4.50	6.30	-29.00	-3.06
65	89	8.64	-0.27	74.85	-8.50	44.97	0.98
	90	-8.64	0.27	-22.48	8.50	-98.51	-1.28
66	89	-57.35	-1.00	48.88	-6.46	5.23	1.65
	90	57.35	1.00	3.49	6.46	-30.19	-2.75
67	89	3.79	-0.39	73.84	-8.33	44.89	1.16
	90	-3.79	0.39	-21.47	8.33	-97.32	-1.59
68	89	-32.41	-0.25	70.92	3.16	-81.46	-0.18

		90	32.41	0.25	-18.55	-3.16	32.25	-0.09
69		89	38.43	0.59	97.91	0.96	-41.63	-1.03
		90	-38.43	-0.59	-45.54	-0.96	-37.26	1.69
70		89	-27.56	-0.13	71.93	2.99	-81.38	-0.36
		90	27.56	0.13	-19.56	-2.99	31.06	0.22
71		89	33.58	0.48	96.90	1.13	-41.71	-0.86
		90	-33.58	-0.48	-44.53	-1.13	-36.07	1.38
72		89	-52.94	-0.82	51.87	-3.58	6.18	1.48
		90	52.94	0.82	0.50	3.58	-34.43	-2.37
73		89	17.89	0.02	78.85	-5.78	46.00	0.63
		90	-17.89	-0.02	-26.48	5.78	-103.93	-0.60
74		89	-48.10	-0.70	52.88	-3.75	6.25	1.30
		90	48.10	0.70	-0.51	3.75	-35.62	-2.07
75		89	13.05	-0.09	77.85	-5.61	45.92	0.80
		90	-13.05	0.09	-25.47	5.61	-102.74	-0.90
118	1	90	-2.66	-0.08	70.21	-0.95	23.19	0.24
		14	2.66	0.08	-51.21	0.95	-83.90	-0.32
	2	90	-4.59	-0.04	33.03	-0.36	12.66	0.10
		14	4.59	0.04	-4.42	0.36	-31.38	-0.14
	3	90	-0.71	-0.01	4.53	-0.09	2.48	0.02
		14	0.71	0.01	-4.53	0.09	-7.02	-0.03
	4	90	-0.81	-0.01	8.92	-0.21	4.06	0.03
		14	0.81	0.01	-8.92	0.21	-12.99	-0.04
	5	90	-5.05	-0.05	-1.83	0.14	-4.93	0.11
		14	5.05	0.05	1.83	-0.14	6.76	-0.17
	6	90	5.26	0.06	1.68	-0.13	4.58	-0.12
		14	-5.26	-0.06	-1.68	0.13	-6.26	0.17
	7	90	1.84	0.07	0.65	0.41	-6.53	-0.14
		14	-1.84	-0.07	-0.65	-0.41	5.88	0.21
	8	90	-1.90	-0.07	-0.50	-0.46	6.78	0.14
		14	1.90	0.07	0.50	0.46	-6.29	-0.21
	9	90	-15.65	-0.21	146.07	-1.86	48.93	0.60
		14	15.65	0.21	-84.17	1.86	-164.05	-0.82
	10	90	-6.37	-0.11	149.22	-2.11	57.49	0.40
		14	6.37	0.11	-87.33	2.11	-175.77	-0.51
	11	90	-9.45	-0.10	148.29	-1.62	47.49	0.38
		14	9.45	0.10	-86.40	1.62	-164.84	-0.48
	12	90	-12.81	-0.23	147.26	-2.40	59.47	0.63
		14	12.81	0.23	-85.37	2.40	-175.79	-0.85
	13	90	-15.20	-0.21	145.96	-1.88	48.25	0.60
		14	15.20	0.21	-84.07	1.88	-163.27	-0.81
	14	90	-5.92	-0.11	149.12	-2.13	56.82	0.39
		14	5.92	0.11	-87.22	2.13	-174.99	-0.50
	15	90	-8.99	-0.10	148.19	-1.64	46.82	0.37
		14	8.99	0.10	-86.29	1.64	-164.05	-0.47
	16	90	-12.36	-0.22	147.16	-2.42	58.80	0.62
		14	12.36	0.22	-85.26	2.42	-175.01	-0.85
	17	90	-17.62	-0.23	138.17	-1.65	42.24	0.64
		14	17.62	0.23	-76.28	1.65	-149.47	-0.88

18	90	-2.15	-0.07	143.43	-2.06	56.52	0.29
	14	2.15	0.07	-81.54	2.06	-169.01	-0.36
19	90	-7.28	-0.05	141.88	-1.24	39.85	0.26
	14	7.28	0.05	-79.99	1.24	-150.78	-0.31
20	90	-12.89	-0.25	140.17	-2.54	59.82	0.68
	14	12.89	0.25	-78.27	2.54	-169.04	-0.94
21	90	-11.40	-0.16	111.14	-1.42	37.40	0.45
	14	11.40	0.16	-63.53	1.42	-124.74	-0.61
22	90	-5.22	-0.09	113.25	-1.58	43.11	0.31
	14	5.22	0.09	-65.64	1.58	-132.55	-0.40
23	90	-7.27	-0.08	112.63	-1.25	36.44	0.30
	14	7.27	0.08	-65.02	1.25	-125.26	-0.38
24	90	-9.51	-0.16	111.94	-1.78	44.43	0.47
	14	9.51	0.16	-64.33	1.78	-132.57	-0.63
25	90	-11.10	-0.16	111.07	-1.43	36.95	0.44
	14	11.10	0.16	-63.46	1.43	-124.22	-0.60
26	90	-4.91	-0.09	113.18	-1.59	42.66	0.31
	14	4.91	0.09	-65.57	1.59	-132.03	-0.40
27	90	-6.96	-0.08	112.56	-1.27	35.99	0.29
	14	6.96	0.08	-64.95	1.27	-124.74	-0.38
28	90	-9.21	-0.16	111.87	-1.79	43.98	0.46
	14	9.21	0.16	-64.26	1.79	-132.04	-0.62
29	90	-12.72	-0.17	105.88	-1.27	32.94	0.47
	14	12.72	0.17	-58.27	1.27	-115.02	-0.64
30	90	-2.40	-0.06	109.39	-1.55	42.46	0.24
	14	2.40	0.06	-61.78	1.55	-128.04	-0.30
31	90	-5.82	-0.05	108.35	-1.00	31.34	0.22
	14	5.82	0.05	-60.74	1.00	-115.89	-0.27
32	90	-9.56	-0.18	107.21	-1.87	44.66	0.50
	14	9.56	0.18	-59.60	1.87	-128.06	-0.69
33	90	-7.26	-0.11	103.24	-1.31	35.84	0.34
	14	7.26	0.11	-55.63	1.31	-115.28	-0.46
34	90	-7.42	-0.11	105.03	-1.35	36.66	0.35
	14	7.42	0.11	-57.42	1.35	-117.88	-0.46
35	90	-8.27	-0.12	102.88	-1.28	34.86	0.37
	14	8.27	0.12	-55.27	1.28	-113.93	-0.49
36	90	-6.20	-0.10	103.58	-1.34	36.76	0.32
	14	6.20	0.10	-55.97	1.34	-116.54	-0.42
37	90	-6.89	-0.10	103.37	-1.23	34.54	0.32
	14	6.89	0.10	-55.76	1.23	-114.11	-0.41
38	90	-7.64	-0.13	103.14	-1.40	37.20	0.37
	14	7.64	0.13	-55.53	1.40	-116.54	-0.50
39	90	-7.26	-0.11	103.24	-1.31	35.84	0.34
	14	7.26	0.11	-55.63	1.31	-115.28	-0.46
40	90	-118.06	-1.40	-42.96	3.67	-115.85	2.96
	14	118.06	1.40	42.96	-3.67	158.80	-4.36
41	90	-101.91	-1.01	-39.89	3.11	-111.88	1.94
	14	101.91	1.01	39.89	-3.11	151.78	-2.96
42	90	19.52	0.58	22.46	6.09	-27.91	-1.82
	14	-19.52	-0.58	-22.46	-6.09	5.45	2.41

43	90	10.27	0.28	17.34	3.37	-33.34	-1.14
	14	-10.27	-0.28	-17.34	-3.37	15.99	1.43
44	90	-119.46	-1.34	67.02	4.18	-88.37	2.75
	14	119.46	1.34	-19.41	-4.18	45.16	-4.09
45	90	-131.18	-1.69	53.55	0.53	-71.63	3.85
	14	131.18	1.69	-5.94	-0.53	41.89	-5.54
46	90	-122.24	-1.43	65.49	3.37	-90.00	2.96
	14	122.24	1.43	-17.88	-3.37	48.32	-4.39
47	90	-128.40	-1.60	55.08	1.35	-70.00	3.65
	14	128.40	1.60	-7.47	-1.35	38.72	-5.25
48	90	116.66	1.47	152.94	-3.15	143.32	-3.16
	14	-116.66	-1.47	-105.33	3.15	-272.45	4.63
49	90	104.95	1.12	139.46	-6.80	160.06	-2.07
	14	-104.95	-1.12	-91.85	6.80	-275.72	3.18
50	90	113.89	1.38	151.40	-3.96	141.69	-2.96
	14	-113.89	-1.38	-103.79	3.96	-269.29	4.33
51	90	107.72	1.21	141.00	-5.99	161.69	-2.27
	14	-107.72	-1.21	-93.39	5.99	-278.88	3.48
52	90	-103.31	-0.95	70.09	3.63	-84.41	1.74
	14	103.31	0.95	-22.48	-3.63	38.13	-2.69
53	90	-115.02	-1.30	56.61	-0.02	-67.67	2.83
	14	115.02	1.30	-9.00	0.02	34.86	-4.13
54	90	-106.09	-1.04	68.55	2.81	-86.04	1.94
	14	106.09	1.04	-20.94	-2.81	41.29	-2.98
55	90	-112.25	-1.21	58.15	0.79	-66.04	2.63
	14	112.25	1.21	-10.54	-0.79	31.69	-3.84
56	90	100.51	1.08	149.87	-2.59	139.35	-2.15
	14	-100.51	-1.08	-102.26	2.59	-265.42	3.22
57	90	88.80	0.73	136.40	-6.25	156.10	-1.05
	14	-88.80	-0.73	-88.79	6.25	-268.69	1.78
58	90	97.73	0.99	148.34	-3.41	137.72	-1.94
	14	-97.73	-0.99	-100.73	3.41	-262.26	2.93
59	90	91.57	0.82	137.93	-5.43	157.73	-1.26
	14	-91.57	-0.82	-90.32	5.43	-271.86	2.07
60	90	-23.15	0.05	112.81	5.88	-26.82	-0.59
	14	23.15	-0.05	-65.20	-5.88	-62.19	0.64
61	90	47.69	0.89	138.59	3.68	42.69	-2.37
	14	-47.69	-0.89	-90.98	-3.68	-157.47	3.26
62	90	-18.30	0.17	113.73	5.71	-25.63	-0.90
	14	18.30	-0.17	-66.12	-5.71	-64.30	1.06
63	90	42.84	0.77	137.67	3.85	41.50	-2.06
	14	-42.84	-0.77	-90.06	-3.85	-155.37	2.84
64	90	-62.20	-1.11	67.90	-6.30	29.00	3.06
	14	62.20	1.11	-20.29	6.30	-73.09	-4.17
65	90	8.64	-0.27	93.67	-8.50	98.51	1.28
	14	-8.64	0.27	-46.06	8.50	-168.37	-1.55
66	90	-57.35	-1.00	68.82	-6.46	30.19	2.75
	14	57.35	1.00	-21.21	6.46	-75.20	-3.75
67	90	3.79	-0.39	92.75	-8.33	97.32	1.59
	14	-3.79	0.39	-45.14	8.33	-166.26	-1.98

	68	90	-32.41	-0.25	107.70	3.16	-32.25	0.09
		14	32.41	0.25	-60.09	-3.16	-51.65	-0.34
	69	90	38.43	0.59	133.47	0.96	37.26	-1.69
		14	-38.43	-0.59	-85.86	-0.96	-146.93	2.28
	70	90	-27.56	-0.13	108.62	2.99	-31.06	-0.22
		14	27.56	0.13	-61.01	-2.99	-53.76	0.09
	71	90	33.58	0.48	132.56	1.13	36.07	-1.38
		14	-33.58	-0.48	-84.95	-1.13	-144.82	1.86
	72	90	-52.94	-0.82	73.01	-3.58	34.43	2.37
		14	52.94	0.82	-25.40	3.58	-83.63	-3.19
	73	90	17.89	0.02	98.79	-5.78	103.93	0.60
		14	-17.89	-0.02	-51.18	5.78	-178.92	-0.58
	74	90	-48.10	-0.70	73.93	-3.75	35.62	2.07
		14	48.10	0.70	-26.32	3.75	-85.74	-2.77
	75	90	13.05	-0.09	97.87	-5.61	102.74	0.90
		14	-13.05	0.09	-50.26	5.61	-176.81	-1.00
119	1	14	-5.21	-0.03	-59.71	3.69	80.30	-0.22
		91	5.21	0.03	78.71	-3.69	-11.10	0.19
	2	14	-2.80	-0.04	-6.76	1.02	36.35	-0.14
		91	2.80	0.04	35.37	-1.02	-15.29	0.11
	3	14	-0.55	-0.01	-5.30	0.51	7.51	-0.04
		91	0.55	0.01	5.30	-0.51	-2.21	0.03
	4	14	-0.92	-0.02	-10.35	0.66	13.07	-0.08
		91	0.92	0.02	10.35	-0.66	-2.73	0.06
	5	14	-0.85	-0.11	-1.59	0.29	4.12	-0.27
		91	0.85	0.11	1.59	-0.29	-2.53	0.16
	6	14	0.93	0.11	1.73	-0.46	-4.91	0.27
		91	-0.93	-0.11	-1.73	0.46	3.18	-0.16
	7	14	0.47	-0.08	-0.85	2.45	-9.64	-0.32
		91	-0.47	0.08	0.85	-2.45	10.49	0.24
	8	14	-0.48	0.08	0.66	-2.64	10.20	0.32
		91	0.48	-0.08	-0.66	2.64	-10.86	-0.24
	9	14	-12.70	-0.22	-103.54	7.64	176.43	-0.84
		91	12.70	0.22	165.44	-7.64	-41.94	0.62
	10	14	-11.09	-0.03	-100.55	6.97	168.30	-0.36
		91	11.09	0.03	162.45	-6.97	-36.80	0.33
	11	14	-11.51	-0.20	-102.88	9.59	164.05	-0.89
		91	11.51	0.20	164.77	-9.59	-30.22	0.69
	12	14	-12.37	-0.05	-101.52	5.01	181.90	-0.31
		91	12.37	0.05	163.41	-5.01	-49.43	0.26
	13	14	-12.56	-0.22	-103.36	7.37	174.98	-0.84
		91	12.56	0.22	165.25	-7.37	-40.67	0.62
	14	14	-10.96	-0.02	-100.37	6.69	166.85	-0.35
		91	10.96	0.02	162.26	-6.69	-35.53	0.33
	15	14	-11.37	-0.19	-102.69	9.31	162.59	-0.88
		91	11.37	0.19	164.58	-9.31	-28.95	0.68
	16	14	-12.23	-0.05	-101.33	4.73	180.44	-0.31
		91	12.23	0.05	163.23	-4.73	-48.16	0.26
	17	14	-12.38	-0.27	-96.55	7.05	167.64	-0.94

	91	12.38	0.27	158.45	-7.05	-40.14	0.67
18	14	-9.71	0.06	-91.57	5.93	154.10	-0.13
	91	9.71	-0.06	153.46	-5.93	-31.58	0.19
19	14	-10.40	-0.23	-95.44	10.28	147.00	-1.01
	91	10.40	0.23	157.33	-10.28	-20.62	0.78
20	14	-11.83	0.01	-93.18	2.65	176.76	-0.06
	91	11.83	-0.01	155.07	-2.65	-52.63	0.07
21	14	-9.53	-0.16	-77.89	5.72	133.17	-0.61
	91	9.53	0.16	125.50	-5.72	-31.48	0.45
22	14	-8.46	-0.03	-75.90	5.28	127.76	-0.29
	91	8.46	0.03	123.51	-5.28	-28.05	0.26
23	14	-8.74	-0.14	-77.45	7.02	124.92	-0.64
	91	8.74	0.14	125.06	-7.02	-23.67	0.50
24	14	-9.31	-0.04	-76.54	3.97	136.82	-0.26
	91	9.31	0.04	124.15	-3.97	-36.47	0.22
25	14	-9.44	-0.16	-77.77	5.54	132.20	-0.61
	91	9.44	0.16	125.38	-5.54	-30.63	0.45
26	14	-8.37	-0.02	-75.77	5.09	126.79	-0.28
	91	8.37	0.02	123.38	-5.09	-27.21	0.26
27	14	-8.65	-0.14	-77.32	6.83	123.95	-0.63
	91	8.65	0.14	124.93	-6.83	-22.82	0.49
28	14	-9.22	-0.04	-76.42	3.78	135.85	-0.25
	91	9.22	0.04	124.03	-3.78	-35.63	0.21
29	14	-9.32	-0.19	-73.23	5.32	127.32	-0.68
	91	9.32	0.19	120.84	-5.32	-30.28	0.49
30	14	-7.54	0.03	-69.91	4.58	118.28	-0.14
	91	7.54	-0.03	117.52	-4.58	-24.57	0.16
31	14	-8.00	-0.16	-72.49	7.48	113.56	-0.72
	91	8.00	0.16	120.10	-7.48	-17.26	0.56
32	14	-8.96	0.00	-70.98	2.40	133.39	-0.09
	91	8.96	0.00	118.59	-2.40	-38.61	0.09
33	14	-8.02	-0.07	-66.47	4.71	116.66	-0.37
	91	8.02	0.07	114.08	-4.71	-26.38	0.30
34	14	-8.20	-0.07	-68.54	4.84	119.27	-0.38
	91	8.20	0.07	116.15	-4.84	-26.93	0.31
35	14	-8.19	-0.09	-66.78	4.76	117.48	-0.42
	91	8.19	0.09	114.39	-4.76	-26.89	0.33
36	14	-7.83	-0.05	-66.12	4.61	115.67	-0.31
	91	7.83	0.05	113.73	-4.61	-25.75	0.26
37	14	-7.92	-0.09	-66.64	5.19	114.73	-0.43
	91	7.92	0.09	114.25	-5.19	-24.29	0.34
38	14	-8.11	-0.05	-66.34	4.18	118.70	-0.30
	91	8.11	0.05	113.95	-4.18	-28.56	0.25
39	14	-8.02	-0.07	-66.47	4.71	116.66	-0.37
	91	8.02	0.07	114.08	-4.71	-26.38	0.30
40	14	-19.22	-2.83	-36.42	1.90	97.45	-6.96
	91	19.22	2.83	36.42	-1.90	-61.02	4.13
41	14	-16.21	-2.28	-30.21	3.49	70.40	-5.68
	91	16.21	2.28	30.21	-3.49	-40.19	3.40
42	14	4.67	-0.76	-19.89	21.94	-46.11	-2.63

	91	-4.67	0.76	19.89	-21.94	66.00	1.87
43	14	2.94	-0.91	-17.90	17.48	-36.17	-2.98
	91	-2.94	0.91	17.90	-17.48	54.07	2.07
44	14	-25.84	-3.13	-108.86	13.19	200.27	-8.12
	91	25.84	3.13	156.47	-13.19	-67.61	4.99
45	14	-28.64	-2.67	-96.92	0.02	227.93	-6.54
	91	28.64	2.67	144.53	-0.02	-107.20	3.87
46	14	-26.36	-3.17	-108.26	11.85	203.25	-8.22
	91	26.36	3.17	155.87	-11.85	-71.19	5.05
47	14	-28.12	-2.63	-97.52	1.36	224.95	-6.44
	91	28.12	2.63	145.13	-1.36	-103.63	3.81
48	14	12.61	2.53	-36.01	9.39	5.38	5.81
	91	-12.61	-2.53	83.62	-9.39	54.44	-3.28
49	14	9.81	2.99	-24.08	-3.78	33.04	7.39
	91	-9.81	-2.99	71.69	3.78	14.84	-4.40
50	14	12.09	2.49	-35.41	8.05	8.36	5.71
	91	-12.09	-2.49	83.02	-8.05	50.86	-3.22
51	14	10.32	3.03	-24.67	-2.43	30.06	7.49
	91	-10.32	-3.03	72.28	2.43	18.42	-4.46
52	14	-22.83	-2.58	-102.64	14.78	173.23	-6.83
	91	22.83	2.58	150.25	-14.78	-46.78	4.25
53	14	-25.63	-2.12	-90.71	1.61	200.89	-5.25
	91	25.63	2.12	138.32	-1.61	-86.37	3.13
54	14	-23.35	-2.62	-102.05	13.44	176.21	-6.94
	91	23.35	2.62	149.66	-13.44	-50.36	4.31
55	14	-25.11	-2.08	-91.31	2.95	197.91	-5.15
	91	25.11	2.08	138.92	-2.95	-82.80	3.07
56	14	9.60	1.98	-42.22	7.80	32.42	4.52
	91	-9.60	-1.98	89.83	-7.80	33.61	-2.54
57	14	6.80	2.44	-30.29	-5.37	60.09	6.10
	91	-6.80	-2.44	77.90	5.37	-5.99	-3.66
58	14	9.08	1.94	-41.63	6.46	35.40	4.42
	91	-9.08	-1.94	89.24	-6.46	30.03	-2.48
59	14	7.31	2.48	-30.89	-4.03	57.11	6.20
	91	-7.31	-2.48	78.50	4.03	-2.41	-3.72
60	14	-9.11	-1.68	-97.28	27.22	99.78	-5.09
	91	9.11	1.68	144.89	-27.22	21.30	3.41
61	14	2.42	0.02	-75.43	26.08	41.32	-0.91
	91	-2.42	-0.02	123.04	-26.08	57.92	0.93
62	14	-8.21	-1.52	-95.42	27.70	91.67	-4.70
	91	8.21	1.52	143.03	-27.70	27.55	3.19
63	14	1.52	-0.15	-77.29	25.60	49.43	-1.29
	91	-1.52	0.15	124.90	-25.60	51.67	1.15
64	14	-18.45	-0.16	-57.51	-16.67	192.00	0.18
	91	18.45	0.16	105.12	16.67	-110.69	-0.33
65	14	-6.92	1.54	-35.65	-17.81	133.53	4.35
	91	6.92	-1.54	83.26	17.81	-74.07	-2.81
66	14	-17.55	0.01	-55.64	-16.19	183.88	0.56
	91	17.55	-0.01	103.25	16.19	-104.44	-0.56
67	14	-7.82	1.38	-37.52	-18.29	141.64	3.97

		91	7.82	-1.38	85.13	18.29	-80.32	-2.59
68		14	-10.84	-1.83	-95.29	22.75	109.72	-5.43
		91	10.84	1.83	142.90	-22.75	9.38	3.60
69		14	0.69	-0.13	-73.44	21.61	51.25	-1.25
		91	-0.69	0.13	121.05	-21.61	45.99	1.12
70		14	-9.94	-1.66	-93.43	23.23	101.61	-5.04
		91	9.94	1.66	141.04	-23.23	15.63	3.38
71		14	-0.21	-0.29	-75.30	21.14	59.36	-1.64
		91	0.21	0.29	122.91	-21.14	39.74	1.34
72		14	-16.72	-0.01	-59.50	-12.20	182.06	0.52
		91	16.72	0.01	107.11	12.20	-98.76	-0.53
73		14	-5.19	1.69	-37.64	-13.34	123.59	4.70
		91	5.19	-1.69	85.25	13.34	-62.15	-3.01
74		14	-15.82	0.15	-57.63	-11.73	173.95	0.91
		91	15.82	-0.15	105.24	11.73	-92.51	-0.75
75		14	-6.09	1.52	-39.51	-13.82	131.71	4.31
		91	6.09	-1.52	87.12	13.82	-68.39	-2.79
120	1	91	-5.21	-0.03	-35.66	3.69	11.10	-0.19
		92	5.21	0.03	56.56	-3.69	39.62	0.15
2		91	-2.80	-0.04	1.85	1.02	15.29	-0.11
		92	2.80	0.04	29.63	-1.02	-0.01	0.07
3		91	-0.55	-0.01	-3.63	0.51	2.21	-0.03
		92	0.55	0.01	3.63	-0.51	1.78	0.02
4		91	-0.92	-0.02	-7.03	0.66	2.73	-0.06
		92	0.92	0.02	7.03	-0.66	5.01	0.04
5		91	-0.85	-0.11	-1.41	0.29	2.53	-0.16
		92	0.85	0.11	1.41	-0.29	-0.99	0.04
6		91	0.93	0.11	1.53	-0.46	-3.18	0.16
		92	-0.93	-0.11	-1.53	0.46	1.49	-0.04
7		91	0.47	-0.08	0.06	2.45	-10.49	-0.24
		92	-0.47	0.08	-0.06	-2.45	10.42	0.15
8		91	-0.48	0.08	-0.21	-2.64	10.86	0.24
		92	0.48	-0.08	0.21	2.64	-10.63	-0.15
9		91	-12.70	-0.22	-55.94	7.64	41.94	-0.62
		92	12.70	0.22	124.02	-7.64	57.04	0.38
10		91	-11.09	-0.03	-53.30	6.97	36.80	-0.33
		92	11.09	0.03	121.38	-6.97	59.27	0.30
11		91	-11.51	-0.20	-54.62	9.59	30.22	-0.69
		92	11.51	0.20	122.71	-9.59	67.31	0.47
12		91	-12.37	-0.05	-54.86	5.01	49.43	-0.26
		92	12.37	0.05	122.94	-5.01	48.36	0.21
13		91	-12.56	-0.22	-55.77	7.37	40.67	-0.62
		92	12.56	0.22	123.85	-7.37	58.12	0.38
14		91	-10.96	-0.02	-53.13	6.69	35.53	-0.33
		92	10.96	0.02	121.21	-6.69	60.35	0.30
15		91	-11.37	-0.19	-54.45	9.31	28.95	-0.68
		92	11.37	0.19	122.53	-9.31	68.39	0.47
16		91	-12.23	-0.05	-54.69	4.73	48.16	-0.26
		92	12.23	0.05	122.77	-4.73	49.44	0.21

17	91	-12.38	-0.27	-51.34	7.05	40.14	-0.67
	92	12.38	0.27	119.42	-7.05	53.77	0.37
18	91	-9.71	0.06	-46.93	5.93	31.58	-0.19
	92	9.71	-0.06	115.02	-5.93	57.49	0.25
19	91	-10.40	-0.23	-49.15	10.28	20.62	-0.78
	92	10.40	0.23	117.23	-10.28	70.89	0.53
20	91	-11.83	0.01	-49.54	2.65	52.63	-0.07
	92	11.83	-0.01	117.62	-2.65	39.31	0.09
21	91	-9.53	-0.16	-41.80	5.72	31.48	-0.45
	92	9.53	0.16	94.17	-5.72	43.31	0.28
22	91	-8.46	-0.03	-40.04	5.28	28.05	-0.26
	92	8.46	0.03	92.41	-5.28	44.80	0.23
23	91	-8.74	-0.14	-40.92	7.02	23.67	-0.50
	92	8.74	0.14	93.30	-7.02	50.15	0.35
24	91	-9.31	-0.04	-41.08	3.97	36.47	-0.22
	92	9.31	0.04	93.45	-3.97	37.52	0.17
25	91	-9.44	-0.16	-41.69	5.54	30.63	-0.45
	92	9.44	0.16	94.06	-5.54	44.03	0.28
26	91	-8.37	-0.02	-39.93	5.09	27.21	-0.26
	92	8.37	0.02	92.30	-5.09	45.52	0.23
27	91	-8.65	-0.14	-40.81	6.83	22.82	-0.49
	92	8.65	0.14	93.18	-6.83	50.87	0.34
28	91	-9.22	-0.04	-40.97	3.78	35.63	-0.21
	92	9.22	0.04	93.34	-3.78	38.24	0.17
29	91	-9.32	-0.19	-38.73	5.32	30.28	-0.49
	92	9.32	0.19	91.10	-5.32	41.13	0.28
30	91	-7.54	0.03	-35.80	4.58	24.57	-0.16
	92	7.54	-0.03	88.17	-4.58	43.61	0.20
31	91	-8.00	-0.16	-37.27	7.48	17.26	-0.56
	92	8.00	0.16	89.64	-7.48	52.54	0.38
32	91	-8.96	0.00	-37.53	2.40	38.61	-0.09
	92	8.96	0.00	89.91	-2.40	31.49	0.09
33	91	-8.02	-0.07	-33.81	4.71	26.38	-0.30
	92	8.02	0.07	86.18	-4.71	39.61	0.22
34	91	-8.20	-0.07	-35.22	4.84	26.93	-0.31
	92	8.20	0.07	87.59	-4.84	40.61	0.23
35	91	-8.19	-0.09	-34.09	4.76	26.89	-0.33
	92	8.19	0.09	86.46	-4.76	39.42	0.23
36	91	-7.83	-0.05	-33.51	4.61	25.75	-0.26
	92	7.83	0.05	85.88	-4.61	39.91	0.21
37	91	-7.92	-0.09	-33.80	5.19	24.29	-0.34
	92	7.92	0.09	86.17	-5.19	41.70	0.25
38	91	-8.11	-0.05	-33.85	4.18	28.56	-0.25
	92	8.11	0.05	86.22	-4.18	37.49	0.19
39	91	-8.02	-0.07	-33.81	4.71	26.38	-0.30
	92	8.02	0.07	86.18	-4.71	39.61	0.22
40	91	-19.22	-2.83	-32.51	1.90	61.02	-4.13
	92	19.22	2.83	32.51	-1.90	-25.26	1.02
41	91	-16.21	-2.28	-26.64	3.49	40.19	-3.40
	92	16.21	2.28	26.64	-3.49	-10.88	0.89

42	91	4.67	-0.76	-9.14	21.94	-66.00	-1.87
	92	-4.67	0.76	9.14	-21.94	76.05	1.03
43	91	2.94	-0.91	-8.67	17.48	-54.07	-2.07
	92	-2.94	0.91	8.67	-17.48	63.60	1.07
44	91	-25.84	-3.13	-69.06	13.19	67.61	-4.99
	92	25.84	3.13	121.43	-13.19	37.16	1.55
45	91	-28.64	-2.67	-63.58	0.02	107.20	-3.87
	92	28.64	2.67	115.95	-0.02	-8.47	0.93
46	91	-26.36	-3.17	-68.92	11.85	71.19	-5.05
	92	26.36	3.17	121.29	-11.85	33.43	1.56
47	91	-28.12	-2.63	-63.72	1.36	103.63	-3.81
	92	28.12	2.63	116.09	-1.36	-4.73	0.92
48	91	12.61	2.53	-4.05	9.39	-54.44	3.28
	92	-12.61	-2.53	56.42	-9.39	87.69	-0.49
49	91	9.81	2.99	1.44	-3.78	-14.84	4.40
	92	-9.81	-2.99	50.93	3.78	42.06	-1.11
50	91	12.09	2.49	-3.91	8.05	-50.86	3.22
	92	-12.09	-2.49	56.28	-8.05	83.96	-0.48
51	91	10.32	3.03	1.30	-2.43	-18.42	4.46
	92	-10.32	-3.03	51.07	2.43	45.79	-1.12
52	91	-22.83	-2.58	-63.20	14.78	46.78	-4.25
	92	22.83	2.58	115.57	-14.78	51.54	1.42
53	91	-25.63	-2.12	-57.71	1.61	86.37	-3.13
	92	25.63	2.12	110.08	-1.61	5.91	0.80
54	91	-23.35	-2.62	-63.06	13.44	50.36	-4.31
	92	23.35	2.62	115.43	-13.44	47.81	1.43
55	91	-25.11	-2.08	-57.85	2.95	82.80	-3.07
	92	25.11	2.08	110.23	-2.95	9.65	0.79
56	91	9.60	1.98	-9.91	7.80	-33.61	2.54
	92	-9.60	-1.98	62.28	-7.80	73.31	-0.36
57	91	6.80	2.44	-4.43	-5.37	5.99	3.66
	92	-6.80	-2.44	56.80	5.37	27.68	-0.98
58	91	9.08	1.94	-9.77	6.46	-30.03	2.48
	92	-9.08	-1.94	62.14	-6.46	69.58	-0.35
59	91	7.31	2.48	-4.57	-4.03	2.41	3.72
	92	-7.31	-2.48	56.94	4.03	31.41	-0.99
60	91	-9.11	-1.68	-52.70	27.22	-21.30	-3.41
	92	9.11	1.68	105.07	-27.22	108.08	1.56
61	91	2.42	0.02	-33.20	26.08	-57.92	-0.93
	92	-2.42	-0.02	85.57	-26.08	123.24	0.95
62	91	-8.21	-1.52	-50.94	27.70	-27.55	-3.19
	92	8.21	1.52	103.32	-27.70	112.40	1.52
63	91	1.52	-0.15	-34.96	25.60	-51.67	-1.15
	92	-1.52	0.15	87.33	-25.60	118.93	0.99
64	91	-18.45	-0.16	-34.42	-16.67	110.69	0.33
	92	18.45	0.16	86.80	16.67	-44.02	-0.51
65	91	-6.92	1.54	-14.92	-17.81	74.07	2.81
	92	6.92	-1.54	67.29	17.81	-28.86	-1.12
66	91	-17.55	0.01	-32.67	-16.19	104.44	0.56
	92	17.55	-0.01	85.04	16.19	-39.70	-0.55

67	91	-7.82	1.38	-16.68	-18.29	80.32	2.59	
	92	7.82	-1.38	69.05	18.29	-33.17	-1.08	
68	91	-10.84	-1.83	-52.23	22.75	-9.38	-3.60	
	92	10.84	1.83	104.60	-22.75	95.64	1.59	
69	91	0.69	-0.13	-32.73	21.61	-45.99	-1.12	
	92	-0.69	0.13	85.10	-21.61	110.80	0.98	
70	91	-9.94	-1.66	-50.47	23.23	-15.63	-3.38	
	92	9.94	1.66	102.85	-23.23	99.95	1.55	
71	91	-0.21	-0.29	-34.49	21.14	-39.74	-1.34	
	92	0.21	0.29	86.86	-21.14	106.48	1.02	
72	91	-16.72	-0.01	-34.89	-12.20	98.76	0.53	
	92	16.72	0.01	87.27	12.20	-31.57	-0.54	
73	91	-5.19	1.69	-15.39	-13.34	62.15	3.01	
	92	5.19	-1.69	67.76	13.34	-16.41	-1.15	
74	91	-15.82	0.15	-33.13	-11.73	92.51	0.75	
	92	15.82	-0.15	85.51	11.73	-27.26	-0.58	
75	91	-6.09	1.52	-17.15	-13.82	68.39	2.79	
	92	6.09	-1.52	69.52	13.82	-20.73	-1.11	
121	1	92	-5.21	-0.03	-13.74	3.69	-39.62	-0.15
		93	5.21	0.03	34.64	-3.69	66.24	0.12
2	92	-2.80	-0.04	7.27	1.02	0.01	-0.07	
	93	2.80	0.04	24.20	-1.02	9.30	0.02	
3	92	-0.55	-0.01	-2.01	0.51	-1.78	-0.02	
	93	0.55	0.01	2.01	-0.51	3.99	0.01	
4	92	-0.92	-0.02	-3.77	0.66	-5.01	-0.04	
	93	0.92	0.02	3.77	-0.66	9.15	0.01	
5	92	-0.85	-0.11	-1.18	0.29	0.99	-0.04	
	93	0.85	0.11	1.18	-0.29	0.31	-0.08	
6	92	0.93	0.11	1.29	-0.46	-1.49	0.04	
	93	-0.93	-0.11	-1.29	0.46	0.07	0.08	
7	92	0.47	-0.08	1.14	2.45	-10.42	-0.15	
	93	-0.47	0.08	-1.14	-2.45	9.17	0.06	
8	92	-0.48	0.08	-1.26	-2.64	10.63	0.15	
	93	0.48	-0.08	1.26	2.64	-9.25	-0.06	
9	92	-12.70	-0.22	-15.32	7.64	-57.04	-0.38	
	93	12.70	0.22	83.40	-7.64	111.33	0.13	
10	92	-11.09	-0.03	-13.09	6.97	-59.27	-0.30	
	93	11.09	0.03	81.17	-6.97	111.12	0.28	
11	92	-11.51	-0.20	-13.23	9.59	-67.31	-0.47	
	93	11.51	0.20	81.31	-9.59	119.31	0.26	
12	92	-12.37	-0.05	-15.39	5.01	-48.36	-0.21	
	93	12.37	0.05	83.47	-5.01	102.73	0.15	
13	92	-12.56	-0.22	-15.14	7.37	-58.12	-0.38	
	93	12.56	0.22	83.22	-7.37	112.21	0.13	
14	92	-10.96	-0.02	-12.91	6.69	-60.35	-0.30	
	93	10.96	0.02	80.99	-6.69	112.00	0.27	
15	92	-11.37	-0.19	-13.05	9.31	-68.39	-0.47	
	93	11.37	0.19	81.13	-9.31	120.19	0.26	
16	92	-12.23	-0.05	-15.20	4.73	-49.44	-0.21	

	93	12.23	0.05	83.29	-4.73	103.61	0.15
17	92	-12.38	-0.27	-13.02	7.05	-53.77	-0.37
	93	12.38	0.27	81.10	-7.05	105.54	0.08
18	92	-9.71	0.06	-9.31	5.93	-57.49	-0.25
	93	9.71	-0.06	77.39	-5.93	105.17	0.31
19	92	-10.40	-0.23	-9.54	10.28	-70.89	-0.53
	93	10.40	0.23	77.62	-10.28	118.83	0.28
20	92	-11.83	0.01	-13.13	2.65	-39.31	-0.09
	93	11.83	-0.01	81.21	-2.65	91.19	0.11
21	92	-9.53	-0.16	-11.08	5.72	-43.31	-0.28
	93	9.53	0.16	63.45	-5.72	84.29	0.11
22	92	-8.46	-0.03	-9.59	5.28	-44.80	-0.23
	93	8.46	0.03	61.96	-5.28	84.15	0.20
23	92	-8.74	-0.14	-9.68	7.02	-50.15	-0.35
	93	8.74	0.14	62.06	-7.02	89.61	0.19
24	92	-9.31	-0.04	-11.12	3.97	-37.52	-0.17
	93	9.31	0.04	63.49	-3.97	78.56	0.12
25	92	-9.44	-0.16	-10.95	5.54	-44.03	-0.28
	93	9.44	0.16	63.33	-5.54	84.88	0.11
26	92	-8.37	-0.02	-9.47	5.09	-45.52	-0.23
	93	8.37	0.02	61.84	-5.09	84.74	0.20
27	92	-8.65	-0.14	-9.56	6.83	-50.87	-0.34
	93	8.65	0.14	61.93	-6.83	90.20	0.19
28	92	-9.22	-0.04	-11.00	3.78	-38.24	-0.17
	93	9.22	0.04	63.37	-3.78	79.14	0.12
29	92	-9.32	-0.19	-9.54	5.32	-41.13	-0.28
	93	9.32	0.19	61.91	-5.32	80.43	0.07
30	92	-7.54	0.03	-7.07	4.58	-43.61	-0.20
	93	7.54	-0.03	59.44	-4.58	80.19	0.23
31	92	-8.00	-0.16	-7.22	7.48	-52.54	-0.38
	93	8.00	0.16	59.59	-7.48	89.29	0.21
32	92	-8.96	0.00	-9.62	2.40	-31.49	-0.09
	93	8.96	0.00	61.99	-2.40	70.87	0.09
33	92	-8.02	-0.07	-6.48	4.71	-39.61	-0.22
	93	8.02	0.07	58.85	-4.71	75.54	0.14
34	92	-8.20	-0.07	-7.23	4.84	-40.61	-0.23
	93	8.20	0.07	59.60	-4.84	77.37	0.14
35	92	-8.19	-0.09	-6.71	4.76	-39.42	-0.23
	93	8.19	0.09	59.08	-4.76	75.60	0.13
36	92	-7.83	-0.05	-6.22	4.61	-39.91	-0.21
	93	7.83	0.05	58.59	-4.61	75.56	0.16
37	92	-7.92	-0.09	-6.25	5.19	-41.70	-0.25
	93	7.92	0.09	58.62	-5.19	77.38	0.15
38	92	-8.11	-0.05	-6.73	4.18	-37.49	-0.19
	93	8.11	0.05	59.10	-4.18	73.69	0.13
39	92	-8.02	-0.07	-6.48	4.71	-39.61	-0.22
	93	8.02	0.07	58.85	-4.71	75.54	0.14
40	92	-19.22	-2.83	-27.73	1.90	25.26	-1.02
	93	19.22	2.83	27.73	-1.90	5.24	-2.10
41	92	-16.21	-2.28	-22.15	3.49	10.88	-0.89

	93	16.21	2.28	22.15	-3.49	13.48	-1.62
42	92	4.67	-0.76	2.93	21.94	-76.05	-1.03
	93	-4.67	0.76	-2.93	-21.94	72.83	0.20
43	92	2.94	-0.91	1.60	17.48	-63.60	-1.07
	93	-2.94	0.91	-1.60	-17.48	61.84	0.07
44	92	-25.84	-3.13	-33.33	13.19	-37.16	-1.55
	93	25.84	3.13	85.70	-13.19	102.63	-1.89
45	92	-28.64	-2.67	-35.09	0.02	8.47	-0.93
	93	28.64	2.67	87.46	-0.02	58.93	-2.01
46	92	-26.36	-3.17	-33.73	11.85	-33.43	-1.56
	93	26.36	3.17	86.10	-11.85	99.34	-1.93
47	92	-28.12	-2.63	-34.69	1.36	4.73	-0.92
	93	28.12	2.63	87.06	-1.36	62.23	-1.97
48	92	12.61	2.53	22.13	9.39	-87.69	0.49
	93	-12.61	-2.53	30.24	-9.39	92.15	2.30
49	92	9.81	2.99	20.38	-3.78	-42.06	1.11
	93	-9.81	-2.99	31.99	3.78	48.45	2.18
50	92	12.09	2.49	21.74	8.05	-83.96	0.48
	93	-12.09	-2.49	30.64	-8.05	88.85	2.26
51	92	10.32	3.03	20.77	-2.43	-45.79	1.12
	93	-10.32	-3.03	31.60	2.43	51.75	2.22
52	92	-22.83	-2.58	-27.74	14.78	-51.54	-1.42
	93	22.83	2.58	80.12	-14.78	110.87	-1.42
53	92	-25.63	-2.12	-29.50	1.61	-5.91	-0.80
	93	25.63	2.12	81.87	-1.61	67.17	-1.54
54	92	-23.35	-2.62	-28.14	13.44	-47.81	-1.43
	93	23.35	2.62	80.51	-13.44	107.57	-1.46
55	92	-25.11	-2.08	-29.10	2.95	-9.65	-0.79
	93	25.11	2.08	81.47	-2.95	70.47	-1.50
56	92	9.60	1.98	16.55	7.80	-73.31	0.36
	93	-9.60	-1.98	35.82	-7.80	83.91	1.82
57	92	6.80	2.44	14.79	-5.37	-27.68	0.98
	93	-6.80	-2.44	37.58	5.37	40.21	1.70
58	92	9.08	1.94	16.15	6.46	-69.58	0.35
	93	-9.08	-1.94	36.22	-6.46	80.62	1.78
59	92	7.31	2.48	15.19	-4.03	-31.41	0.99
	93	-7.31	-2.48	37.18	4.03	43.51	1.74
60	92	-9.11	-1.68	-11.87	27.22	-108.08	-1.56
	93	9.11	1.68	64.24	-27.22	149.94	-0.29
61	92	2.42	0.02	4.77	26.08	-123.24	-0.95
	93	-2.42	-0.02	47.60	-26.08	146.80	0.97
62	92	-8.21	-1.52	-10.19	27.70	-112.40	-1.52
	93	8.21	1.52	62.57	-27.70	152.41	-0.15
63	92	1.52	-0.15	3.09	25.60	-118.93	-0.99
	93	-1.52	0.15	49.28	-25.60	144.33	0.82
64	92	-18.45	-0.16	-17.72	-16.67	44.02	0.51
	93	18.45	0.16	70.09	16.67	4.28	-0.68
65	92	-6.92	1.54	-1.08	-17.81	28.86	1.12
	93	6.92	-1.54	53.45	17.81	1.14	0.57
66	92	-17.55	0.01	-16.05	-16.19	39.70	0.55

		93	17.55	-0.01	68.42	16.19	6.75	-0.54
67		92	-7.82	1.38	-2.76	-18.29	33.17	1.08
		93	7.82	-1.38	55.13	18.29	-1.33	0.43
68		92	-10.84	-1.83	-13.20	22.75	-95.64	-1.59
		93	10.84	1.83	65.57	-22.75	138.96	-0.42
69		92	0.69	-0.13	3.44	21.61	-110.80	-0.98
		93	-0.69	0.13	48.93	-21.61	135.81	0.84
70		92	-9.94	-1.66	-11.52	23.23	-99.95	-1.55
		93	9.94	1.66	63.89	-23.23	141.43	-0.28
71		92	-0.21	-0.29	1.77	21.14	-106.48	-1.02
		93	0.21	0.29	50.60	-21.14	133.34	0.70
72		92	-16.72	-0.01	-16.40	-12.20	31.57	0.54
		93	16.72	0.01	68.77	12.20	15.27	-0.55
73		92	-5.19	1.69	0.24	-13.34	16.41	1.15
		93	5.19	-1.69	52.13	13.34	12.13	0.70
74		92	-15.82	0.15	-14.72	-11.73	27.26	0.58
		93	15.82	-0.15	67.09	11.73	17.74	-0.41
75		92	-6.09	1.52	-1.43	-13.82	20.73	1.11
		93	6.09	-1.52	53.80	13.82	9.65	0.56
122	1	93	-5.21	-0.03	8.07	3.69	-66.24	-0.12
		94	5.21	0.03	12.83	-3.69	68.85	0.08
	2	93	-2.80	-0.04	12.35	1.02	-9.30	-0.02
		94	2.80	0.04	19.12	-1.02	13.03	-0.02
	3	93	-0.55	-0.01	-0.42	0.51	-3.99	-0.01
		94	0.55	0.01	0.42	-0.51	4.45	0.00
	4	93	-0.92	-0.02	-0.54	0.66	-9.15	-0.01
		94	0.92	0.02	0.54	-0.66	9.75	-0.01
	5	93	-0.85	-0.11	-0.92	0.29	-0.31	0.08
		94	0.85	0.11	0.92	-0.29	1.32	-0.20
	6	93	0.93	0.11	1.03	-0.46	-0.07	-0.08
		94	-0.93	-0.11	-1.03	0.46	-1.06	0.20
	7	93	0.47	-0.08	2.44	2.45	-9.17	-0.06
		94	-0.47	0.08	-2.44	-2.45	6.49	-0.03
	8	93	-0.48	0.08	-2.53	-2.64	9.25	0.06
		94	0.48	-0.08	2.53	2.64	-6.47	0.03
	9	93	-12.70	-0.22	24.69	7.64	-111.33	-0.13
		94	12.70	0.22	43.39	-7.64	121.62	-0.11
	10	93	-11.09	-0.03	26.44	6.97	-111.12	-0.28
		94	11.09	0.03	41.64	-6.97	119.47	0.25
	11	93	-11.51	-0.20	27.71	9.59	-119.31	-0.26
		94	11.51	0.20	40.37	-9.59	126.27	0.04
	12	93	-12.37	-0.05	23.24	5.01	-102.73	-0.15
		94	12.37	0.05	44.84	-5.01	114.61	0.10
	13	93	-12.56	-0.22	24.91	7.37	-112.21	-0.13
		94	12.56	0.22	43.17	-7.37	122.25	-0.11
	14	93	-10.96	-0.02	26.67	6.69	-112.00	-0.27
		94	10.96	0.02	41.42	-6.69	120.11	0.25
	15	93	-11.37	-0.19	27.93	9.31	-120.19	-0.26
		94	11.37	0.19	40.15	-9.31	126.91	0.04

16	93	-12.23	-0.05	23.46	4.73	-103.61	-0.15
	94	12.23	0.05	44.62	-4.73	115.25	0.10
17	93	-12.38	-0.27	24.77	7.05	-105.54	-0.08
	94	12.38	0.27	43.31	-7.05	115.74	-0.22
18	93	-9.71	0.06	27.69	5.93	-105.17	-0.31
	94	9.71	-0.06	40.39	-5.93	112.16	0.37
19	93	-10.40	-0.23	29.80	10.28	-118.83	-0.28
	94	10.40	0.23	38.28	-10.28	123.49	0.03
20	93	-11.83	0.01	22.35	2.65	-91.19	-0.11
	94	11.83	-0.01	45.73	-2.65	104.06	0.12
21	93	-9.53	-0.16	19.18	5.72	-84.29	-0.11
	94	9.53	0.16	33.19	-5.72	92.00	-0.06
22	93	-8.46	-0.03	20.35	5.28	-84.15	-0.20
	94	8.46	0.03	32.02	-5.28	90.57	0.17
23	93	-8.74	-0.14	21.20	7.02	-89.61	-0.19
	94	8.74	0.14	31.17	-7.02	95.10	0.04
24	93	-9.31	-0.04	18.22	3.97	-78.56	-0.12
	94	9.31	0.04	34.16	-3.97	87.32	0.07
25	93	-9.44	-0.16	19.33	5.54	-84.88	-0.11
	94	9.44	0.16	33.04	-5.54	92.42	-0.06
26	93	-8.37	-0.02	20.50	5.09	-84.74	-0.20
	94	8.37	0.02	31.87	-5.09	90.99	0.18
27	93	-8.65	-0.14	21.35	6.83	-90.20	-0.19
	94	8.65	0.14	31.03	-6.83	95.52	0.04
28	93	-9.22	-0.04	18.36	3.78	-79.14	-0.12
	94	9.22	0.04	34.01	-3.78	87.75	0.08
29	93	-9.32	-0.19	19.23	5.32	-80.43	-0.07
	94	9.32	0.19	33.14	-5.32	88.08	-0.14
30	93	-7.54	0.03	21.18	4.58	-80.19	-0.23
	94	7.54	-0.03	31.19	-4.58	85.69	0.26
31	93	-8.00	-0.16	22.59	7.48	-89.29	-0.21
	94	8.00	0.16	29.78	-7.48	93.24	0.03
32	93	-8.96	0.00	17.62	2.40	-70.87	-0.09
	94	8.96	0.00	34.75	-2.40	80.29	0.09
33	93	-8.02	-0.07	20.42	4.71	-75.54	-0.14
	94	8.02	0.07	31.95	-4.71	81.88	0.07
34	93	-8.20	-0.07	20.31	4.84	-77.37	-0.14
	94	8.20	0.07	32.06	-4.84	83.83	0.06
35	93	-8.19	-0.09	20.24	4.76	-75.60	-0.13
	94	8.19	0.09	32.13	-4.76	82.15	0.02
36	93	-7.83	-0.05	20.63	4.61	-75.56	-0.16
	94	7.83	0.05	31.74	-4.61	81.67	0.10
37	93	-7.92	-0.09	20.91	5.19	-77.38	-0.15
	94	7.92	0.09	31.46	-5.19	83.18	0.06
38	93	-8.11	-0.05	19.92	4.18	-73.69	-0.13
	94	8.11	0.05	32.46	-4.18	80.59	0.07
39	93	-8.02	-0.07	20.42	4.71	-75.54	-0.14
	94	8.02	0.07	31.95	-4.71	81.88	0.07
40	93	-19.22	-2.83	-22.21	1.90	-5.24	2.10
	94	19.22	2.83	22.21	-1.90	29.67	-5.21

41	93	-16.21	-2.28	-16.76	3.49	-13.48	1.62
	94	16.21	2.28	16.76	-3.49	31.92	-4.13
42	93	4.67	-0.76	16.62	21.94	-72.83	-0.20
	94	-4.67	0.76	-16.62	-21.94	54.55	-0.64
43	93	2.94	-0.91	13.17	17.48	-61.84	-0.07
	94	-2.94	0.91	-13.17	-17.48	47.35	-0.93
44	93	-25.84	-3.13	3.20	13.19	-102.63	1.89
	94	25.84	3.13	49.17	-13.19	127.91	-5.34
45	93	-28.64	-2.67	-6.77	0.02	-58.93	2.01
	94	28.64	2.67	59.14	-0.02	95.18	-4.95
46	93	-26.36	-3.17	2.17	11.85	-99.34	1.93
	94	26.36	3.17	50.20	-11.85	125.75	-5.42
47	93	-28.12	-2.63	-5.74	1.36	-62.23	1.97
	94	28.12	2.63	58.11	-1.36	97.34	-4.86
48	93	12.61	2.53	47.61	9.39	-92.15	-2.30
	94	-12.61	-2.53	4.76	-9.39	68.58	5.08
49	93	9.81	2.99	37.64	-3.78	-48.45	-2.18
	94	-9.81	-2.99	14.73	3.78	35.85	5.47
50	93	12.09	2.49	46.58	8.05	-88.85	-2.26
	94	-12.09	-2.49	5.79	-8.05	66.42	5.00
51	93	10.32	3.03	38.68	-2.43	-51.75	-2.22
	94	-10.32	-3.03	13.70	2.43	38.01	5.55
52	93	-22.83	-2.58	8.64	14.78	-110.87	1.42
	94	22.83	2.58	43.73	-14.78	130.17	-4.26
53	93	-25.63	-2.12	-1.33	1.61	-67.17	1.54
	94	25.63	2.12	53.70	-1.61	97.43	-3.87
54	93	-23.35	-2.62	7.61	13.44	-107.57	1.46
	94	23.35	2.62	44.76	-13.44	128.01	-4.34
55	93	-25.11	-2.08	-0.29	2.95	-70.47	1.50
	94	25.11	2.08	52.67	-2.95	99.59	-3.79
56	93	9.60	1.98	42.17	7.80	-83.91	-1.82
	94	-9.60	-1.98	10.20	-7.80	66.33	4.00
57	93	6.80	2.44	32.20	-5.37	-40.21	-1.70
	94	-6.80	-2.44	20.17	5.37	33.60	4.39
58	93	9.08	1.94	41.14	6.46	-80.62	-1.78
	94	-9.08	-1.94	11.23	-6.46	64.17	3.92
59	93	7.31	2.48	33.23	-4.03	-43.51	-1.74
	94	-7.31	-2.48	19.14	4.03	35.76	4.47
60	93	-9.11	-1.68	30.38	27.22	-149.94	0.29
	94	9.11	1.68	22.00	-27.22	145.33	-2.14
61	93	2.42	0.02	43.70	26.08	-146.80	-0.97
	94	-2.42	-0.02	8.67	-26.08	127.53	0.99
62	93	-8.21	-1.52	32.01	27.70	-152.41	0.15
	94	8.21	1.52	20.36	-27.70	146.01	-1.81
63	93	1.52	-0.15	42.07	25.60	-144.33	-0.82
	94	-1.52	0.15	10.30	-25.60	126.86	0.66
64	93	-18.45	-0.16	-2.86	-16.67	-4.28	0.68
	94	18.45	0.16	55.23	16.67	36.23	-0.86
65	93	-6.92	1.54	10.47	-17.81	-1.14	-0.57
	94	6.92	-1.54	41.90	17.81	18.43	2.27

	66	93	-17.55	0.01	-1.22	-16.19	-6.75	0.54
		94	17.55	-0.01	53.59	16.19	36.90	-0.53
	67	93	-7.82	1.38	8.83	-18.29	1.33	-0.43
		94	7.82	-1.38	43.54	18.29	17.75	1.95
	68	93	-10.84	-1.83	26.93	22.75	-138.96	0.42
		94	10.84	1.83	25.44	-22.75	138.14	-2.43
	69	93	0.69	-0.13	40.26	21.61	-135.81	-0.84
		94	-0.69	0.13	12.12	-21.61	120.34	0.70
	70	93	-9.94	-1.66	28.56	23.23	-141.43	0.28
		94	9.94	1.66	23.81	-23.23	138.81	-2.11
	71	93	-0.21	-0.29	38.62	21.14	-133.34	-0.70
		94	0.21	0.29	13.75	-21.14	119.66	0.37
	72	93	-16.72	-0.01	0.59	-12.20	-15.27	0.55
		94	16.72	0.01	51.78	12.20	43.43	-0.57
	73	93	-5.19	1.69	13.91	-13.34	-12.13	-0.70
		94	5.19	-1.69	38.46	13.34	25.63	2.56
	74	93	-15.82	0.15	2.22	-11.73	-17.74	0.41
		94	15.82	-0.15	50.15	11.73	44.10	-0.24
	75	93	-6.09	1.52	12.28	-13.82	-9.65	-0.56
		94	6.09	-1.52	40.09	13.82	24.95	2.24
123	1	94	-5.21	-0.03	30.04	3.69	-68.85	-0.08
		95	5.21	0.03	-9.14	-3.69	47.31	0.05
	2	94	-2.80	-0.04	17.12	1.02	-13.03	0.02
		95	2.80	0.04	14.35	-1.02	11.51	-0.06
	3	94	-0.55	-0.01	1.15	0.51	-4.45	0.00
		95	0.55	0.01	-1.15	-0.51	3.19	-0.02
	4	94	-0.92	-0.02	2.69	0.66	-9.75	0.01
		95	0.92	0.02	-2.69	-0.66	6.78	-0.03
	5	94	-0.85	-0.11	-0.62	0.29	-1.32	0.20
		95	0.85	0.11	0.62	-0.29	2.00	-0.32
	6	94	0.93	0.11	0.74	-0.46	1.06	-0.20
		95	-0.93	-0.11	-0.74	0.46	-1.88	0.31
	7	94	0.47	-0.08	4.00	2.45	-6.49	0.03
		95	-0.47	0.08	-4.00	-2.45	2.09	-0.12
	8	94	-0.48	0.08	-4.07	-2.64	6.47	-0.03
		95	0.48	-0.08	4.07	2.64	-1.99	0.12
	9	94	-12.70	-0.22	64.49	7.64	-121.62	0.11
		95	12.70	0.22	3.59	-7.64	88.13	-0.35
	10	94	-11.09	-0.03	65.71	6.97	-119.47	-0.25
		95	11.09	0.03	2.37	-6.97	84.64	0.22
	11	94	-11.51	-0.20	68.64	9.59	-126.27	-0.04
		95	11.51	0.20	-0.56	-9.59	88.21	-0.17
	12	94	-12.37	-0.05	61.38	5.01	-114.61	-0.10
		95	12.37	0.05	6.70	-5.01	84.54	0.04
	13	94	-12.56	-0.22	64.79	7.37	-122.25	0.11
		95	12.56	0.22	3.29	-7.37	88.43	-0.35
	14	94	-10.96	-0.02	66.01	6.69	-120.11	-0.25
		95	10.96	0.02	2.07	-6.69	84.94	0.22
	15	94	-11.37	-0.19	68.94	9.31	-126.91	-0.04

	95	11.37	0.19	-0.86	-9.31	88.52	-0.17
16	94	-12.23	-0.05	61.68	4.73	-115.25	-0.10
	95	12.23	0.05	6.40	-4.73	84.84	0.05
17	94	-12.38	-0.27	62.40	7.05	-115.74	0.22
	95	12.38	0.27	5.68	-7.05	84.54	-0.52
18	94	-9.71	0.06	64.43	5.93	-112.16	-0.37
	95	9.71	-0.06	3.65	-5.93	78.73	0.43
19	94	-10.40	-0.23	69.32	10.28	-123.49	-0.03
	95	10.40	0.23	-1.24	-10.28	84.69	-0.22
20	94	-11.83	0.01	57.22	2.65	-104.06	-0.12
	95	11.83	-0.01	10.86	-2.65	78.56	0.14
21	94	-9.53	-0.16	49.28	5.72	-92.00	0.06
	95	9.53	0.16	3.09	-5.72	66.59	-0.24
22	94	-8.46	-0.03	50.10	5.28	-90.57	-0.17
	95	8.46	0.03	2.28	-5.28	64.27	0.15
23	94	-8.74	-0.14	52.05	7.02	-95.10	-0.04
	95	8.74	0.14	0.32	-7.02	66.65	-0.12
24	94	-9.31	-0.04	47.21	3.97	-87.32	-0.07
	95	9.31	0.04	5.16	-3.97	64.20	0.03
25	94	-9.44	-0.16	49.48	5.54	-92.42	0.06
	95	9.44	0.16	2.89	-5.54	66.80	-0.23
26	94	-8.37	-0.02	50.29	5.09	-90.99	-0.18
	95	8.37	0.02	2.08	-5.09	64.47	0.15
27	94	-8.65	-0.14	52.25	6.83	-95.52	-0.04
	95	8.65	0.14	0.12	-6.83	66.85	-0.11
28	94	-9.22	-0.04	47.41	3.78	-87.75	-0.08
	95	9.22	0.04	4.96	-3.78	64.40	0.03
29	94	-9.32	-0.19	47.89	5.32	-88.08	0.14
	95	9.32	0.19	4.48	-5.32	64.20	-0.35
30	94	-7.54	0.03	49.24	4.58	-85.69	-0.26
	95	7.54	-0.03	3.13	-4.58	60.33	0.29
31	94	-8.00	-0.16	52.50	7.48	-93.24	-0.03
	95	8.00	0.16	-0.13	-7.48	64.30	-0.15
32	94	-8.96	0.00	44.43	2.40	-80.29	-0.09
	95	8.96	0.00	7.94	-2.40	60.22	0.09
33	94	-8.02	-0.07	47.16	4.71	-81.88	-0.07
	95	8.02	0.07	5.21	-4.71	58.81	-0.01
34	94	-8.20	-0.07	47.70	4.84	-83.83	-0.06
	95	8.20	0.07	4.68	-4.84	60.17	-0.02
35	94	-8.19	-0.09	47.03	4.76	-82.15	-0.02
	95	8.19	0.09	5.34	-4.76	59.21	-0.08
36	94	-7.83	-0.05	47.30	4.61	-81.67	-0.10
	95	7.83	0.05	5.07	-4.61	58.44	0.05
37	94	-7.92	-0.09	47.96	5.19	-83.18	-0.06
	95	7.92	0.09	4.41	-5.19	59.23	-0.04
38	94	-8.11	-0.05	46.34	4.18	-80.59	-0.07
	95	8.11	0.05	6.03	-4.18	58.42	0.01
39	94	-8.02	-0.07	47.16	4.71	-81.88	-0.07
	95	8.02	0.07	5.21	-4.71	58.81	-0.01
40	94	-19.22	-2.83	-15.91	1.90	-29.67	5.21

	95	19.22	2.83	15.91	-1.90	47.17	-8.32
41	94	-16.21	-2.28	-10.45	3.49	-31.92	4.13
	95	16.21	2.28	10.45	-3.49	43.41	-6.64
42	94	4.67	-0.76	32.22	21.94	-54.55	0.64
	95	-4.67	0.76	-32.22	-21.94	19.11	-1.48
43	94	2.94	-0.91	26.29	17.48	-47.35	0.93
	95	-2.94	0.91	-26.29	-17.48	18.43	-1.93
44	94	-25.84	-3.13	40.91	13.19	-127.91	5.34
	95	25.84	3.13	11.46	-13.19	111.71	-8.78
45	94	-28.64	-2.67	21.58	0.02	-95.18	4.95
	95	28.64	2.67	30.79	-0.02	100.25	-7.89
46	94	-26.36	-3.17	39.13	11.85	-125.75	5.42
	95	26.36	3.17	13.24	-11.85	111.51	-8.91
47	94	-28.12	-2.63	23.36	1.36	-97.34	4.86
	95	28.12	2.63	29.01	-1.36	100.45	-7.76
48	94	12.61	2.53	72.73	9.39	-68.58	-5.08
	95	-12.61	-2.53	-20.36	-9.39	17.38	7.87
49	94	9.81	2.99	53.40	-3.78	-35.85	-5.47
	95	-9.81	-2.99	-1.03	3.78	5.91	8.76
50	94	12.09	2.49	70.95	8.05	-66.42	-5.00
	95	-12.09	-2.49	-18.58	-8.05	17.17	7.73
51	94	10.32	3.03	55.18	-2.43	-38.01	-5.55
	95	-10.32	-3.03	-2.81	2.43	6.11	8.89
52	94	-22.83	-2.58	46.38	14.78	-130.17	4.26
	95	22.83	2.58	6.00	-14.78	107.96	-7.09
53	94	-25.63	-2.12	27.04	1.61	-97.43	3.87
	95	25.63	2.12	25.33	-1.61	96.49	-6.21
54	94	-23.35	-2.62	44.60	13.44	-128.01	4.34
	95	23.35	2.62	7.77	-13.44	107.75	-7.23
55	94	-25.11	-2.08	28.82	2.95	-99.59	3.79
	95	25.11	2.08	23.55	-2.95	96.69	-6.07
56	94	9.60	1.98	67.27	7.80	-66.33	-4.00
	95	-9.60	-1.98	-14.90	-7.80	21.14	6.18
57	94	6.80	2.44	47.94	-5.37	-33.60	-4.39
	95	-6.80	-2.44	4.43	5.37	9.67	7.07
58	94	9.08	1.94	65.49	6.46	-64.17	-3.92
	95	-9.08	-1.94	-13.12	-6.46	20.93	6.05
59	94	7.31	2.48	49.72	-4.03	-35.76	-4.47
	95	-7.31	-2.48	2.65	4.03	9.87	7.21
60	94	-9.11	-1.68	74.60	27.22	-145.33	2.14
	95	9.11	1.68	-22.23	-27.22	92.07	-3.99
61	94	2.42	0.02	84.15	26.08	-127.53	-0.99
	95	-2.42	-0.02	-31.78	-26.08	63.77	1.01
62	94	-8.21	-1.52	76.24	27.70	-146.01	1.81
	95	8.21	1.52	-23.87	-27.70	90.95	-3.48
63	94	1.52	-0.15	82.51	25.60	-126.86	-0.66
	95	-1.52	0.15	-30.14	-25.60	64.90	0.50
64	94	-18.45	-0.16	10.16	-16.67	-36.23	0.86
	95	18.45	0.16	42.21	16.67	53.85	-1.03
65	94	-6.92	1.54	19.71	-17.81	-18.43	-2.27

		95	6.92	-1.54	32.66	17.81	25.55	3.96
66		94	-17.55	0.01	11.80	-16.19	-36.90	0.53
		95	17.55	-0.01	40.57	16.19	52.73	-0.53
67		94	-7.82	1.38	18.07	-18.29	-17.75	-1.95
		95	7.82	-1.38	34.30	18.29	26.68	3.46
68		94	-10.84	-1.83	68.68	22.75	-138.14	2.43
		95	10.84	1.83	-16.30	-22.75	91.40	-4.44
69		94	0.69	-0.13	78.22	21.61	-120.34	-0.70
		95	-0.69	0.13	-25.85	-21.61	63.10	0.55
70		94	-9.94	-1.66	70.31	23.23	-138.81	2.11
		95	9.94	1.66	-17.94	-23.23	90.27	-3.93
71		94	-0.21	-0.29	76.58	21.14	-119.66	-0.37
		95	0.21	0.29	-24.21	-21.14	64.22	0.05
72		94	-16.72	-0.01	16.09	-12.20	-43.43	0.57
		95	16.72	0.01	36.28	12.20	54.53	-0.58
73		94	-5.19	1.69	25.64	-13.34	-25.63	-2.56
		95	5.19	-1.69	26.73	13.34	26.23	4.42
74		94	-15.82	0.15	17.73	-11.73	-44.10	0.24
		95	15.82	-0.15	34.64	11.73	53.40	-0.07
75		94	-6.09	1.52	24.00	-13.82	-24.95	-2.24
		95	6.09	-1.52	28.37	13.82	27.36	3.91
124	1	95	-5.21	-0.03	52.42	3.69	-47.31	-0.05
		15	5.21	0.03	-33.42	-3.69	4.38	0.01
	2	95	-2.80	-0.04	21.61	1.02	-11.51	0.06
		15	2.80	0.04	7.00	-1.02	4.21	-0.09
	3	95	-0.55	-0.01	2.71	0.51	-3.19	0.02
		15	0.55	0.01	-2.71	-0.51	0.48	-0.03
	4	95	-0.92	-0.02	5.96	0.66	-6.78	0.03
		15	0.92	0.02	-5.96	-0.66	0.82	-0.05
	5	95	-0.85	-0.11	-0.27	0.29	-2.00	0.32
		15	0.85	0.11	0.27	-0.29	2.27	-0.43
	6	95	0.93	0.11	0.42	-0.46	1.88	-0.31
		15	-0.93	-0.11	-0.42	0.46	-2.30	0.42
	7	95	0.47	-0.08	5.84	2.45	-2.09	0.12
		15	-0.47	0.08	-5.84	-2.45	-3.74	-0.20
	8	95	-0.48	0.08	-5.90	-2.64	1.99	-0.12
		15	0.48	-0.08	5.90	2.64	3.91	0.20
	9	95	-12.70	-0.22	104.53	7.64	-88.13	0.35
		15	12.70	0.22	-42.64	-7.64	14.54	-0.57
	10	95	-11.09	-0.03	105.15	6.97	-84.64	-0.22
		15	11.09	0.03	-43.26	-6.97	10.43	0.20
	11	95	-11.51	-0.20	110.03	9.59	-88.21	0.17
		15	11.51	0.20	-48.14	-9.59	9.13	-0.37
	12	95	-12.37	-0.05	99.47	5.01	-84.54	-0.04
		15	12.37	0.05	-37.58	-5.01	16.01	-0.01
	13	95	-12.56	-0.22	104.94	7.37	-88.43	0.35
		15	12.56	0.22	-43.05	-7.37	14.44	-0.57
	14	95	-10.96	-0.02	105.56	6.69	-84.94	-0.22
		15	10.96	0.02	-43.67	-6.69	10.33	0.20

15	95	-11.37	-0.19	110.43	9.31	-88.52	0.17
	15	11.37	0.19	-48.54	-9.31	9.03	-0.36
16	95	-12.23	-0.05	99.87	4.73	-84.84	-0.05
	15	12.23	0.05	-37.98	-4.73	15.92	0.00
17	95	-12.38	-0.27	100.30	7.05	-84.54	0.52
	15	12.38	0.27	-38.41	-7.05	15.19	-0.79
18	95	-9.71	0.06	101.34	5.93	-78.73	-0.43
	15	9.71	-0.06	-39.45	-5.93	8.33	0.49
19	95	-10.40	-0.23	109.46	10.28	-84.69	0.22
	15	10.40	0.23	-47.57	-10.28	6.17	-0.45
20	95	-11.83	0.01	91.86	2.65	-78.56	-0.14
	15	11.83	-0.01	-29.97	-2.65	17.64	0.15
21	95	-9.53	-0.16	79.56	5.72	-66.59	0.24
	15	9.53	0.16	-31.95	-5.72	10.84	-0.39
22	95	-8.46	-0.03	79.97	5.28	-64.27	-0.15
	15	8.46	0.03	-32.36	-5.28	8.10	0.12
23	95	-8.74	-0.14	83.22	7.02	-66.65	0.12
	15	8.74	0.14	-35.61	-7.02	7.23	-0.26
24	95	-9.31	-0.04	76.18	3.97	-64.20	-0.03
	15	9.31	0.04	-28.57	-3.97	11.82	-0.02
25	95	-9.44	-0.16	79.83	5.54	-66.80	0.23
	15	9.44	0.16	-32.22	-5.54	10.77	-0.39
26	95	-8.37	-0.02	80.24	5.09	-64.47	-0.15
	15	8.37	0.02	-32.63	-5.09	8.03	0.12
27	95	-8.65	-0.14	83.49	6.83	-66.85	0.11
	15	8.65	0.14	-35.88	-6.83	7.17	-0.25
28	95	-9.22	-0.04	76.45	3.78	-64.40	-0.03
	15	9.22	0.04	-28.84	-3.78	11.76	-0.01
29	95	-9.32	-0.19	76.74	5.32	-64.20	0.35
	15	9.32	0.19	-29.13	-5.32	11.27	-0.54
30	95	-7.54	0.03	77.43	4.58	-60.33	-0.29
	15	7.54	-0.03	-29.82	-4.58	6.70	0.32
31	95	-8.00	-0.16	82.85	7.48	-64.30	0.15
	15	8.00	0.16	-35.24	-7.48	5.26	-0.31
32	95	-8.96	0.00	71.11	2.40	-60.22	-0.09
	15	8.96	0.00	-23.50	-2.40	12.91	0.09
33	95	-8.02	-0.07	74.03	4.71	-58.81	0.01
	15	8.02	0.07	-26.42	-4.71	8.59	-0.08
34	95	-8.20	-0.07	75.22	4.84	-60.17	0.02
	15	8.20	0.07	-27.61	-4.84	8.75	-0.09
35	95	-8.19	-0.09	73.97	4.76	-59.21	0.08
	15	8.19	0.09	-26.36	-4.76	9.04	-0.17
36	95	-7.83	-0.05	74.11	4.61	-58.44	-0.05
	15	7.83	0.05	-26.50	-4.61	8.13	0.00
37	95	-7.92	-0.09	75.20	5.19	-59.23	0.04
	15	7.92	0.09	-27.59	-5.19	7.84	-0.12
38	95	-8.11	-0.05	72.85	4.18	-58.42	-0.01
	15	8.11	0.05	-25.24	-4.18	9.37	-0.04
39	95	-8.02	-0.07	74.03	4.71	-58.81	0.01
	15	8.02	0.07	-26.42	-4.71	8.59	-0.08

40	95	-19.22	-2.83	-8.73	1.90	-47.17	8.32
	15	19.22	2.83	8.73	-1.90	55.90	-11.15
41	95	-16.21	-2.28	-3.07	3.49	-43.41	6.64
	15	16.21	2.28	3.07	-3.49	46.48	-8.92
42	95	4.67	-0.76	49.96	21.94	-19.11	1.48
	15	-4.67	0.76	-49.96	-21.94	-30.85	-2.24
43	95	2.94	-0.91	41.15	17.48	-18.43	1.93
	15	-2.94	0.91	-41.15	-17.48	-22.71	-2.84
44	95	-25.84	-3.13	80.29	13.19	-111.71	8.78
	15	25.84	3.13	-32.68	-13.19	55.23	-11.91
45	95	-28.64	-2.67	50.31	0.02	-100.25	7.89
	15	28.64	2.67	-2.70	-0.02	73.74	-10.56
46	95	-26.36	-3.17	77.64	11.85	-111.51	8.91
	15	26.36	3.17	-30.03	-11.85	57.67	-12.09
47	95	-28.12	-2.63	52.96	1.36	-100.45	7.76
	15	28.12	2.63	-5.35	-1.36	71.30	-10.38
48	95	12.61	2.53	97.74	9.39	-17.38	-7.87
	15	-12.61	-2.53	-50.13	-9.39	-56.56	10.40
49	95	9.81	2.99	67.77	-3.78	-5.91	-8.76
	15	-9.81	-2.99	-20.16	3.78	-38.05	11.74
50	95	12.09	2.49	95.10	8.05	-17.17	-7.73
	15	-12.09	-2.49	-47.49	-8.05	-54.12	10.22
51	95	10.32	3.03	70.41	-2.43	-6.11	-8.89
	15	-10.32	-3.03	-22.80	2.43	-40.49	11.92
52	95	-22.83	-2.58	85.95	14.78	-107.96	7.09
	15	22.83	2.58	-38.34	-14.78	45.81	-9.67
53	95	-25.63	-2.12	55.97	1.61	-96.49	6.21
	15	25.63	2.12	-8.36	-1.61	64.32	-8.33
54	95	-23.35	-2.62	83.30	13.44	-107.75	7.23
	15	23.35	2.62	-35.69	-13.44	48.25	-9.85
55	95	-25.11	-2.08	58.62	2.95	-96.69	6.07
	15	25.11	2.08	-11.01	-2.95	61.88	-8.15
56	95	9.60	1.98	92.08	7.80	-21.14	-6.18
	15	-9.60	-1.98	-44.47	-7.80	-47.14	8.17
57	95	6.80	2.44	62.11	-5.37	-9.67	-7.07
	15	-6.80	-2.44	-14.50	5.37	-28.63	9.51
58	95	9.08	1.94	89.44	6.46	-20.93	-6.05
	15	-9.08	-1.94	-41.83	-6.46	-44.70	7.99
59	95	7.31	2.48	64.75	-4.03	-9.87	-7.21
	15	-7.31	-2.48	-17.14	4.03	-31.07	9.69
60	95	-9.11	-1.68	121.37	27.22	-92.07	3.99
	15	9.11	1.68	-73.76	-27.22	-5.49	-5.67
61	95	2.42	0.02	126.60	26.08	-63.77	-1.01
	15	-2.42	-0.02	-78.99	-26.08	-39.03	1.03
62	95	-8.21	-1.52	123.06	27.70	-90.95	3.48
	15	8.21	1.52	-75.45	-27.70	-8.31	-5.00
63	95	1.52	-0.15	124.91	25.60	-64.90	-0.50
	15	-1.52	0.15	-77.30	-25.60	-36.20	0.35
64	95	-18.45	-0.16	21.45	-16.67	-53.85	1.03
	15	18.45	0.16	26.16	16.67	56.21	-1.19

	65	95	-6.92	1.54	26.69	-17.81	-25.55	-3.96
		15	6.92	-1.54	20.92	17.81	22.67	5.50
	66	95	-17.55	0.01	23.15	-16.19	-52.73	0.53
		15	17.55	-0.01	24.46	16.19	53.38	-0.52
	67	95	-7.82	1.38	24.99	-18.29	-26.68	-3.46
		15	7.82	-1.38	22.62	18.29	25.49	4.83
	68	95	-10.84	-1.83	112.56	22.75	-91.40	4.44
		15	10.84	1.83	-64.95	-22.75	2.65	-6.27
	69	95	0.69	-0.13	117.79	21.61	-63.10	-0.55
		15	-0.69	0.13	-70.18	-21.61	-30.89	0.43
	70	95	-9.94	-1.66	114.25	23.23	-90.27	3.93
		15	9.94	1.66	-66.64	-23.23	-0.18	-5.60
	71	95	-0.21	-0.29	116.09	21.14	-64.22	-0.05
		15	0.21	0.29	-68.48	-21.14	-28.07	-0.24
	72	95	-16.72	-0.01	30.26	-12.20	-54.53	0.58
		15	16.72	0.01	17.35	12.20	48.07	-0.59
	73	95	-5.19	1.69	35.50	-13.34	-26.23	-4.42
		15	5.19	-1.69	12.11	13.34	14.53	6.10
	74	95	-15.82	0.15	31.96	-11.73	-53.40	0.07
		15	15.82	-0.15	15.65	11.73	45.25	0.08
	75	95	-6.09	1.52	33.80	-13.82	-27.36	-3.91
		15	6.09	-1.52	13.81	13.82	17.36	5.43
125	1	1	-4.86	0.41	-56.15	-2.54	10.72	0.23
		96	4.86	-0.41	68.97	2.54	31.51	0.05
	2	1	-2.83	0.18	-7.63	-0.86	0.11	0.10
		96	2.83	-0.18	26.94	0.86	11.56	0.02
	3	1	-0.77	0.03	-3.67	-0.40	0.13	0.02
		96	0.77	-0.03	3.67	0.40	2.35	0.00
	4	1	-1.24	0.06	-7.83	-0.51	0.50	0.03
		96	1.24	-0.06	7.83	0.51	4.79	0.01
	5	1	-0.52	-0.06	2.25	0.35	-1.97	-0.04
		96	0.52	0.06	-2.25	-0.35	0.45	-0.01
	6	1	0.39	0.05	-1.90	-0.20	1.43	0.03
		96	-0.39	-0.05	1.90	0.20	-0.15	0.01
	7	1	-17.06	0.11	-1.70	2.70	17.18	0.06
		96	17.06	-0.11	1.70	-2.70	-16.04	0.01
	8	1	17.16	-0.11	1.65	-2.57	-17.13	-0.06
		96	-17.16	0.11	-1.65	2.57	16.01	-0.01
	9	1	-12.53	0.79	-92.26	-5.09	12.86	0.44
		96	12.53	-0.79	134.04	5.09	63.51	0.09
	10	1	-11.72	0.90	-96.00	-5.58	15.92	0.50
		96	11.72	-0.90	137.77	5.58	62.97	0.10
	11	1	-27.42	0.95	-95.82	-2.97	30.10	0.53
		96	27.42	-0.95	137.59	2.97	48.67	0.11
	12	1	3.37	0.75	-92.81	-7.72	-0.78	0.42
		96	-3.37	-0.75	134.59	7.72	77.52	0.09
	13	1	-12.31	0.79	-92.63	-4.88	13.04	0.44
		96	12.31	-0.79	134.40	4.88	63.58	0.09
	14	1	-11.49	0.89	-96.36	-5.37	16.10	0.50

	96	11.49	-0.89	138.14	5.37	63.04	0.10
15	1	-27.20	0.95	-96.18	-2.76	30.28	0.53
	96	27.20	-0.95	137.96	2.76	48.74	0.11
16	1	3.60	0.75	-93.17	-7.51	-0.60	0.42
	96	-3.60	-0.75	134.95	7.51	77.59	0.09
17	1	-11.69	0.71	-85.40	-4.28	11.49	0.40
	96	11.69	-0.71	127.18	4.28	60.26	0.08
18	1	-10.33	0.88	-91.62	-5.10	16.59	0.49
	96	10.33	-0.88	133.40	5.10	59.36	0.10
19	1	-36.51	0.97	-91.33	-0.75	40.22	0.54
	96	36.51	-0.97	133.10	0.75	35.53	0.11
20	1	14.82	0.64	-86.31	-8.66	-11.25	0.36
	96	-14.82	-0.64	128.09	8.66	83.61	0.07
21	1	-9.38	0.61	-70.01	-3.85	10.02	0.34
	96	9.38	-0.61	102.15	3.85	48.08	0.07
22	1	-8.83	0.68	-72.50	-4.18	12.06	0.38
	96	8.83	-0.68	104.64	4.18	47.72	0.08
23	1	-19.31	0.71	-72.38	-2.44	21.51	0.40
	96	19.31	-0.71	104.52	2.44	38.19	0.08
24	1	1.22	0.58	-70.37	-5.60	0.93	0.32
	96	-1.22	-0.58	102.51	5.60	57.42	0.07
25	1	-9.23	0.61	-70.25	-3.70	10.14	0.34
	96	9.23	-0.61	102.39	3.70	48.13	0.07
26	1	-8.69	0.67	-72.74	-4.03	12.18	0.38
	96	8.69	-0.67	104.88	4.03	47.77	0.08
27	1	-19.16	0.71	-72.62	-2.29	21.63	0.40
	96	19.16	-0.71	104.76	2.29	38.24	0.08
28	1	1.37	0.58	-70.62	-5.46	1.04	0.32
	96	-1.37	-0.58	102.75	5.46	57.47	0.07
29	1	-8.82	0.55	-65.44	-3.31	9.10	0.31
	96	8.82	-0.55	97.57	3.31	45.92	0.06
30	1	-7.91	0.67	-69.59	-3.86	12.50	0.37
	96	7.91	-0.67	101.72	3.86	45.32	0.08
31	1	-25.36	0.73	-69.39	-0.96	28.26	0.41
	96	25.36	-0.73	101.52	0.96	29.43	0.08
32	1	8.86	0.51	-66.04	-6.23	-6.05	0.28
	96	-8.86	-0.51	98.18	6.23	61.48	0.06
33	1	-7.68	0.59	-63.77	-3.40	10.82	0.33
	96	7.68	-0.59	95.91	3.40	43.07	0.07
34	1	-7.93	0.60	-65.34	-3.51	10.92	0.34
	96	7.93	-0.60	97.48	3.51	44.03	0.07
35	1	-7.79	0.58	-63.32	-3.33	10.43	0.32
	96	7.79	-0.58	95.46	3.33	43.16	0.07
36	1	-7.60	0.60	-64.15	-3.44	11.11	0.34
	96	7.60	-0.60	96.29	3.44	43.04	0.07
37	1	-11.09	0.61	-64.11	-2.86	14.26	0.34
	96	11.09	-0.61	96.25	2.86	39.86	0.07
38	1	-4.25	0.57	-63.44	-3.92	7.40	0.32
	96	4.25	-0.57	95.58	3.92	46.27	0.07
39	1	-7.68	0.59	-63.77	-3.40	10.82	0.33

	96	7.68	-0.59	95.91	3.40	43.07	0.07
40	1	-11.08	-1.19	29.16	1.61	-12.51	-0.67
	96	11.08	1.19	-29.16	-1.61	-7.17	-0.14
41	1	0.33	0.04	31.98	0.32	-24.14	0.02
	96	-0.33	-0.04	-31.98	-0.32	2.55	0.00
42	1	-169.30	0.52	-25.46	16.30	177.24	0.29
	96	169.30	-0.52	25.46	-16.30	-160.06	0.06
43	1	-212.14	0.14	-33.31	19.81	222.00	0.07
	96	212.14	-0.14	33.31	-19.81	-199.51	0.02
44	1	-69.55	-0.45	-42.25	3.10	51.48	-0.25
	96	69.55	0.45	74.38	-3.10	-12.12	-0.05
45	1	32.02	-0.76	-26.97	-6.68	-54.86	-0.42
	96	-32.02	0.76	59.11	6.68	83.92	-0.09
46	1	-82.41	-0.56	-44.60	4.15	64.91	-0.32
	96	82.41	0.56	76.74	-4.15	-23.95	-0.06
47	1	44.88	-0.64	-24.62	-7.73	-68.29	-0.36
	96	-44.88	0.64	56.75	7.73	95.75	-0.08
48	1	-47.39	1.94	-100.57	-0.13	76.51	1.08
	96	47.39	-1.94	132.71	0.13	2.23	0.23
49	1	54.19	1.63	-85.30	-9.91	-29.84	0.91
	96	-54.19	-1.63	117.44	9.91	98.26	0.19
50	1	-60.24	1.82	-102.93	0.93	89.94	1.02
	96	60.24	-1.82	135.06	-0.93	-9.61	0.21
51	1	67.04	1.74	-82.94	-10.96	-43.26	0.97
	96	-67.04	-1.74	115.08	10.96	110.10	0.20
52	1	-58.14	0.79	-39.43	1.81	39.86	0.44
	96	58.14	-0.79	71.57	-1.81	-2.39	0.09
53	1	43.43	0.48	-24.16	-7.97	-66.49	0.27
	96	-43.43	-0.48	56.30	7.97	93.64	0.05
54	1	-71.00	0.67	-41.79	2.86	53.29	0.38
	96	71.00	-0.67	73.93	-2.86	-14.23	0.08
55	1	56.29	0.59	-21.81	-9.02	-79.91	0.33
	96	-56.29	-0.59	53.94	9.02	105.48	0.07
56	1	-58.80	0.70	-103.39	1.16	88.13	0.39
	96	58.80	-0.70	135.52	-1.16	-7.50	0.08
57	1	42.78	0.39	-88.11	-8.62	-18.22	0.22
	96	-42.78	-0.39	120.25	8.62	88.54	0.04
58	1	-71.65	0.59	-105.74	2.21	101.56	0.33
	96	71.65	-0.59	137.88	-2.21	-19.34	0.07
59	1	55.63	0.50	-85.76	-9.67	-31.64	0.28
	96	-55.63	-0.50	117.89	9.67	100.37	0.06
60	1	-180.30	0.75	-80.48	13.38	184.31	0.42
	96	180.30	-0.75	112.62	-13.38	-119.14	0.09
61	1	-173.65	1.47	-97.98	12.41	191.82	0.82
	96	173.65	-1.47	130.12	-12.41	-114.83	0.17
62	1	-176.88	1.12	-79.64	12.99	180.82	0.62
	96	176.88	-1.12	111.77	-12.99	-116.22	0.13
63	1	-177.08	1.10	-98.82	12.80	195.30	0.61
	96	177.08	-1.10	130.96	-12.80	-117.75	0.13
64	1	158.29	-0.29	-29.57	-19.22	-170.17	-0.16

		96	-158.29	0.29	61.70	19.22	200.97	-0.04
65		1	164.94	0.43	-47.06	-20.18	-162.66	0.24
		96	-164.94	-0.43	79.20	20.18	205.28	0.05
66		1	161.71	0.08	-28.72	-19.60	-173.66	0.05
		96	-161.71	-0.08	60.86	19.60	203.89	0.01
67		1	161.52	0.06	-47.91	-19.80	-159.18	0.03
		96	-161.52	-0.06	80.04	19.80	202.36	0.00
68		1	-223.15	0.37	-88.33	16.89	229.06	0.20
		96	223.15	-0.37	120.47	-16.89	-158.59	0.05
69		1	-216.50	1.08	-105.83	15.92	236.57	0.60
		96	216.50	-1.08	137.96	-15.92	-154.29	0.13
70		1	-219.72	0.74	-87.49	16.50	225.58	0.41
		96	219.72	-0.74	119.62	-16.50	-155.68	0.09
71		1	-219.92	0.71	-106.67	16.31	240.06	0.39
		96	219.92	-0.71	138.81	-16.31	-157.21	0.09
72		1	201.13	0.09	-21.72	-22.73	-214.93	0.06
		96	-201.13	-0.09	53.85	22.73	240.43	0.01
73		1	207.78	0.81	-39.22	-23.70	-207.42	0.46
		96	-207.78	-0.81	71.35	23.70	244.74	0.09
74		1	204.56	0.47	-20.87	-23.11	-218.41	0.26
		96	-204.56	-0.47	53.01	23.11	243.35	0.05
75		1	204.36	0.44	-40.06	-23.31	-203.93	0.25
		96	-204.36	-0.44	72.20	23.31	241.82	0.05
126	1	96	-4.86	-0.05	-25.95	-2.54	-31.51	-0.05
		97	4.86	0.05	46.85	2.54	71.55	-0.01
2		96	-2.83	-0.02	8.59	-0.86	-11.56	-0.02
		97	2.83	0.02	22.88	0.86	19.42	-0.01
3		96	-0.77	0.00	-2.15	-0.40	-2.35	0.00
		97	0.77	0.00	2.15	0.40	4.71	0.00
4		96	-1.24	-0.01	-4.60	-0.51	-4.79	-0.01
		97	1.24	0.01	4.60	0.51	9.85	0.00
5		96	-0.52	0.01	1.93	0.35	-0.45	0.01
		97	0.52	-0.01	-1.93	-0.35	-1.68	0.00
6		96	0.39	-0.01	-1.53	-0.20	0.15	-0.01
		97	-0.39	0.01	1.53	0.20	1.54	0.00
7		96	-17.06	-0.02	-3.50	2.70	16.04	-0.01
		97	17.06	0.02	3.50	-2.70	-12.19	0.00
8		96	17.16	0.02	3.45	-2.57	-16.01	0.01
		97	-17.16	-0.02	-3.45	2.57	12.22	0.00
9		96	-12.53	-0.11	-27.49	-5.09	-63.51	-0.09
		97	12.53	0.11	95.57	5.09	131.20	-0.02
10		96	-11.72	-0.12	-30.61	-5.58	-62.97	-0.10
		97	11.72	0.12	98.69	5.58	134.09	-0.03
11		96	-27.42	-0.13	-32.38	-2.97	-48.67	-0.11
		97	27.42	0.13	100.46	2.97	121.73	-0.03
12		96	3.37	-0.10	-26.13	-7.72	-77.52	-0.09
		97	-3.37	0.10	94.21	7.72	143.71	-0.02
13		96	-12.31	-0.11	-27.72	-4.88	-63.58	-0.09
		97	12.31	0.11	95.80	4.88	131.51	-0.02

14	96	-11.49	-0.12	-30.84	-5.37	-63.04	-0.10
	97	11.49	0.12	98.92	5.37	134.41	-0.03
15	96	-27.20	-0.13	-32.61	-2.76	-48.74	-0.11
	97	27.20	0.13	100.69	2.76	122.05	-0.03
16	96	3.60	-0.10	-26.36	-7.51	-77.59	-0.09
	97	-3.60	0.10	94.44	7.51	144.03	-0.02
17	96	-11.69	-0.10	-23.11	-4.28	-60.26	-0.08
	97	11.69	0.10	91.19	4.28	123.12	-0.02
18	96	-10.33	-0.12	-28.31	-5.10	-59.36	-0.10
	97	10.33	0.12	96.39	5.10	127.94	-0.03
19	96	-36.51	-0.13	-31.25	-0.75	-35.53	-0.11
	97	36.51	0.13	99.33	0.75	107.35	-0.03
20	96	14.82	-0.08	-20.84	-8.66	-83.61	-0.07
	97	-14.82	0.08	88.92	8.66	143.97	-0.02
21	96	-9.38	-0.08	-20.64	-3.85	-48.08	-0.07
	97	9.38	0.08	73.01	3.85	99.59	-0.02
22	96	-8.83	-0.09	-22.72	-4.18	-47.72	-0.08
	97	8.83	0.09	75.09	4.18	101.52	-0.02
23	96	-19.31	-0.10	-23.90	-2.44	-38.19	-0.08
	97	19.31	0.10	76.27	2.44	93.28	-0.02
24	96	1.22	-0.08	-19.73	-5.60	-57.42	-0.07
	97	-1.22	0.08	72.11	5.60	107.93	-0.02
25	96	-9.23	-0.08	-20.79	-3.70	-48.13	-0.07
	97	9.23	0.08	73.16	3.70	99.80	-0.02
26	96	-8.69	-0.09	-22.87	-4.03	-47.77	-0.08
	97	8.69	0.09	75.24	4.03	101.73	-0.02
27	96	-19.16	-0.10	-24.05	-2.29	-38.24	-0.08
	97	19.16	0.10	76.42	2.29	93.50	-0.02
28	96	1.37	-0.08	-19.88	-5.46	-57.47	-0.07
	97	-1.37	0.08	72.26	5.46	108.15	-0.02
29	96	-8.82	-0.07	-17.72	-3.31	-45.92	-0.06
	97	8.82	0.07	70.09	3.31	94.21	-0.02
30	96	-7.91	-0.09	-21.19	-3.86	-45.32	-0.08
	97	7.91	0.09	73.56	3.86	97.42	-0.02
31	96	-25.36	-0.10	-23.15	-0.96	-29.43	-0.08
	97	25.36	0.10	75.52	0.96	83.69	-0.02
32	96	8.86	-0.07	-16.21	-6.23	-61.48	-0.06
	97	-8.86	0.07	68.58	6.23	108.11	-0.01
33	96	-7.68	-0.08	-17.35	-3.40	-43.07	-0.07
	97	7.68	0.08	69.72	3.40	90.96	-0.02
34	96	-7.93	-0.08	-18.27	-3.51	-44.03	-0.07
	97	7.93	0.08	70.64	3.51	92.93	-0.02
35	96	-7.79	-0.08	-16.97	-3.33	-43.16	-0.07
	97	7.79	0.08	69.34	3.33	90.63	-0.02
36	96	-7.60	-0.08	-17.66	-3.44	-43.04	-0.07
	97	7.60	0.08	70.03	3.44	91.27	-0.02
37	96	-11.09	-0.08	-18.05	-2.86	-39.86	-0.07
	97	11.09	0.08	70.42	2.86	88.52	-0.02
38	96	-4.25	-0.08	-16.66	-3.92	-46.27	-0.07
	97	4.25	0.08	69.03	3.92	93.41	-0.02

39	96	-7.68	-0.08	-17.35	-3.40	-43.07	-0.07
	97	7.68	0.08	69.72	3.40	90.96	-0.02
40	96	-11.08	0.16	21.04	1.61	7.17	0.14
	97	11.08	-0.16	-21.04	-1.61	-30.31	0.03
41	96	0.33	0.00	24.11	0.32	-2.55	0.00
	97	-0.33	0.00	-24.11	-0.32	-23.96	0.00
42	96	-169.30	-0.08	-39.50	16.30	160.06	-0.06
	97	169.30	0.08	39.50	-16.30	-116.60	-0.03
43	96	-212.14	-0.04	-50.09	19.81	199.51	-0.02
	97	212.14	0.04	50.09	-19.81	-144.42	-0.02
44	96	-69.55	0.05	-8.17	3.10	12.12	0.05
	97	69.55	-0.05	60.54	-3.10	25.67	0.01
45	96	32.02	0.10	15.54	-6.68	-83.92	0.09
	97	-32.02	-0.10	36.84	6.68	95.63	0.03
46	96	-82.41	0.07	-11.34	4.15	23.95	0.06
	97	82.41	-0.07	63.71	-4.15	17.33	0.01
47	96	44.88	0.09	18.71	-7.73	-95.75	0.08
	97	-44.88	-0.09	33.66	7.73	103.98	0.02
48	96	-47.39	-0.26	-50.24	-0.13	-2.23	-0.23
	97	47.39	0.26	102.61	0.13	86.29	-0.06
49	96	54.19	-0.21	-26.54	-9.91	-98.26	-0.19
	97	-54.19	0.21	78.91	9.91	156.25	-0.04
50	96	-60.24	-0.25	-53.42	0.93	9.61	-0.21
	97	60.24	0.25	105.79	-0.93	77.95	-0.06
51	96	67.04	-0.22	-23.36	-10.96	-110.10	-0.20
	97	-67.04	0.22	75.74	10.96	164.60	-0.05
52	96	-58.14	-0.11	-5.10	1.81	2.39	-0.09
	97	58.14	0.11	57.47	-1.81	32.02	-0.03
53	96	43.43	-0.06	18.60	-7.97	-93.64	-0.05
	97	-43.43	0.06	33.77	7.97	101.98	-0.01
54	96	-71.00	-0.09	-8.27	2.86	14.23	-0.08
	97	71.00	0.09	60.64	-2.86	23.67	-0.02
55	96	56.29	-0.07	21.78	-9.02	-105.48	-0.07
	97	-56.29	0.07	30.59	9.02	110.33	-0.01
56	96	-58.80	-0.10	-53.31	1.16	7.50	-0.08
	97	58.80	0.10	105.68	-1.16	79.95	-0.03
57	96	42.78	-0.05	-29.61	-8.62	-88.54	-0.04
	97	-42.78	0.05	81.98	8.62	149.91	-0.01
58	96	-71.65	-0.09	-56.48	2.21	19.34	-0.07
	97	71.65	0.09	108.85	-2.21	71.60	-0.02
59	96	55.63	-0.06	-26.43	-9.67	-100.37	-0.06
	97	-55.63	0.06	78.80	9.67	158.25	-0.01
60	96	-180.30	-0.12	-50.55	13.38	119.14	-0.09
	97	180.30	0.12	102.92	-13.38	-34.73	-0.04
61	96	-173.65	-0.21	-63.17	12.41	114.83	-0.17
	97	173.65	0.21	115.54	-12.41	-16.54	-0.06
62	96	-176.88	-0.16	-49.63	12.99	116.22	-0.13
	97	176.88	0.16	102.00	-12.99	-32.83	-0.05
63	96	-177.08	-0.16	-64.09	12.80	117.75	-0.13
	97	177.08	0.16	116.46	-12.80	-18.45	-0.05

	64	96	158.29	0.05	28.46	-19.22	-200.97	0.04
		97	-158.29	-0.05	23.91	19.22	198.47	0.02
	65	96	164.94	-0.04	15.84	-20.18	-205.28	-0.05
		97	-164.94	0.04	36.53	20.18	216.66	0.00
	66	96	161.71	0.00	29.38	-19.60	-203.89	-0.01
		97	-161.71	0.00	22.99	19.60	200.37	0.01
	67	96	161.52	0.01	14.92	-19.80	-202.36	0.00
		97	-161.52	-0.01	37.45	19.80	214.75	0.01
	68	96	-223.15	-0.07	-61.13	16.89	158.59	-0.05
		97	223.15	0.07	113.50	-16.89	-62.55	-0.03
	69	96	-216.50	-0.16	-73.75	15.92	154.29	-0.13
		97	216.50	0.16	126.12	-15.92	-44.36	-0.05
	70	96	-219.72	-0.12	-60.21	16.50	155.68	-0.09
		97	219.72	0.12	112.58	-16.50	-60.65	-0.04
	71	96	-219.92	-0.11	-74.67	16.31	157.21	-0.09
		97	219.92	0.11	127.04	-16.31	-46.27	-0.04
	72	96	201.13	0.01	39.04	-22.73	-240.43	-0.01
		97	-201.13	-0.01	13.33	22.73	226.29	0.01
	73	96	207.78	-0.09	26.42	-23.70	-244.74	-0.09
		97	-207.78	0.09	25.95	23.70	244.48	-0.01
	74	96	204.56	-0.04	39.96	-23.11	-243.35	-0.05
		97	-204.56	0.04	12.41	23.11	228.19	0.00
	75	96	204.36	-0.04	25.50	-23.31	-241.82	-0.05
		97	-204.36	0.04	26.87	23.31	242.57	0.00
127	1	97	-4.86	0.01	-5.00	-2.54	-71.55	0.01
		98	4.86	-0.01	25.90	2.54	88.54	0.00
	2	97	-2.83	0.01	12.36	-0.86	-19.42	0.01
		98	2.83	-0.01	19.11	0.86	23.13	0.00
	3	97	-0.77	0.00	-0.69	-0.40	-4.71	0.00
		98	0.77	0.00	0.69	0.40	5.48	0.00
	4	97	-1.24	0.00	-1.51	-0.51	-9.85	0.00
		98	1.24	0.00	1.51	0.51	11.51	0.00
	5	97	-0.52	0.00	1.69	0.35	1.68	0.00
		98	0.52	0.00	-1.69	-0.35	-3.54	0.00
	6	97	0.39	0.00	-1.22	-0.20	-1.54	0.00
		98	-0.39	0.00	1.22	0.20	2.88	0.00
	7	97	-17.06	0.01	-4.85	2.70	12.19	0.00
		98	17.06	-0.01	4.85	-2.70	-6.86	0.00
	8	97	17.16	-0.01	4.80	-2.57	-12.22	0.00
		98	-17.16	0.01	-4.80	2.57	6.94	0.00
	9	97	-12.53	0.03	8.91	-5.09	-131.20	0.02
		98	12.53	-0.03	59.17	5.09	158.84	0.01
	10	97	-11.72	0.03	6.29	-5.58	-134.09	0.03
		98	11.72	-0.03	61.79	5.58	164.62	0.01
	11	97	-27.42	0.04	3.03	-2.97	-121.73	0.03
		98	27.42	-0.04	65.06	2.97	155.85	0.01
	12	97	3.37	0.02	11.71	-7.72	-143.71	0.02
		98	-3.37	-0.02	56.37	7.72	168.27	0.00
	13	97	-12.31	0.03	8.82	-4.88	-131.51	0.02

	98	12.31	-0.03	59.26	4.88	159.26	0.01
14	97	-11.49	0.03	6.20	-5.37	-134.41	0.03
	98	11.49	-0.03	61.89	5.37	165.04	0.01
15	97	-27.20	0.04	2.93	-2.76	-122.05	0.03
	98	27.20	-0.04	65.15	2.76	156.27	0.01
16	97	3.60	0.02	11.62	-7.51	-144.03	0.02
	98	-3.60	-0.02	56.46	7.51	168.69	0.00
17	97	-11.69	0.03	10.97	-4.28	-123.12	0.02
	98	11.69	-0.03	57.11	4.28	148.50	0.01
18	97	-10.33	0.03	6.60	-5.10	-127.94	0.03
	98	10.33	-0.03	61.49	5.10	158.13	0.01
19	97	-36.51	0.04	1.16	-0.75	-107.35	0.03
	98	36.51	-0.04	66.93	0.75	143.52	0.01
20	97	14.82	0.02	15.64	-8.66	-143.97	0.02
	98	-14.82	-0.02	52.44	8.66	164.22	0.00
21	97	-9.38	0.02	6.92	-3.85	-99.59	0.02
	98	9.38	-0.02	45.45	3.85	120.78	0.01
22	97	-8.83	0.02	5.17	-4.18	-101.52	0.02
	98	8.83	-0.02	47.20	4.18	124.64	0.01
23	97	-19.31	0.03	3.00	-2.44	-93.28	0.02
	98	19.31	-0.03	49.37	2.44	118.79	0.01
24	97	1.22	0.02	8.79	-5.60	-107.93	0.02
	98	-1.22	-0.02	43.58	5.60	127.07	0.00
25	97	-9.23	0.02	6.86	-3.70	-99.80	0.02
	98	9.23	-0.02	45.51	3.70	121.06	0.01
26	97	-8.69	0.02	5.11	-4.03	-101.73	0.02
	98	8.69	-0.02	47.26	4.03	124.91	0.01
27	97	-19.16	0.03	2.94	-2.29	-93.50	0.02
	98	19.16	-0.03	49.43	2.29	119.07	0.01
28	97	1.37	0.02	8.73	-5.46	-108.15	0.02
	98	-1.37	-0.02	43.64	5.46	127.35	0.00
29	97	-8.82	0.02	8.29	-3.31	-94.21	0.02
	98	8.82	-0.02	44.08	3.31	113.89	0.00
30	97	-7.91	0.02	5.38	-3.86	-97.42	0.02
	98	7.91	-0.02	46.99	3.86	120.31	0.01
31	97	-25.36	0.03	1.75	-0.96	-83.69	0.02
	98	25.36	-0.03	50.62	0.96	110.57	0.01
32	97	8.86	0.01	11.41	-6.23	-108.11	0.01
	98	-8.86	-0.01	40.96	6.23	124.37	0.00
33	97	-7.68	0.02	7.36	-3.40	-90.96	0.02
	98	7.68	-0.02	45.01	3.40	111.67	0.00
34	97	-7.93	0.02	7.06	-3.51	-92.93	0.02
	98	7.93	-0.02	45.32	3.51	113.98	0.01
35	97	-7.79	0.02	7.70	-3.33	-90.63	0.02
	98	7.79	-0.02	44.67	3.33	110.97	0.00
36	97	-7.60	0.02	7.11	-3.44	-91.27	0.02
	98	7.60	-0.02	45.26	3.44	112.25	0.00
37	97	-11.09	0.02	6.39	-2.86	-88.52	0.02
	98	11.09	-0.02	45.98	2.86	110.30	0.01
38	97	-4.25	0.02	8.32	-3.92	-93.41	0.02

	98	4.25	-0.02	44.05	3.92	113.06	0.00
39	97	-7.68	0.02	7.36	-3.40	-90.96	0.02
	98	7.68	-0.02	45.01	3.40	111.67	0.00
40	97	-11.08	-0.03	13.71	1.61	30.31	-0.03
	98	11.08	0.03	-13.71	-1.61	-45.39	0.00
41	97	0.33	0.00	16.95	0.32	23.96	0.00
	98	-0.33	0.00	-16.95	-0.32	-42.61	0.00
42	97	-169.30	0.07	-50.02	16.30	116.60	0.03
	98	169.30	-0.07	50.02	-16.30	-61.58	0.05
43	97	-212.14	0.08	-62.62	19.81	144.42	0.02
	98	212.14	-0.08	62.62	-19.81	-75.53	0.06
44	97	-69.55	0.01	6.06	3.10	-25.67	-0.01
	98	69.55	-0.01	46.31	-3.10	47.81	0.02
45	97	32.02	-0.03	36.07	-6.68	-95.63	-0.03
	98	-32.02	0.03	16.30	6.68	84.76	-0.01
46	97	-82.41	0.01	2.28	4.15	-17.33	-0.01
	98	82.41	-0.01	50.09	-4.15	43.62	0.02
47	97	44.88	-0.04	39.85	-7.73	-103.98	-0.02
	98	-44.88	0.04	12.52	7.73	88.94	-0.02
48	97	-47.39	0.08	-21.36	-0.13	-86.29	0.06
	98	47.39	-0.08	73.73	0.13	138.59	0.02
49	97	54.19	0.03	8.65	-9.91	-156.25	0.04
	98	-54.19	-0.03	43.72	9.91	175.54	-0.01
50	97	-60.24	0.08	-25.14	0.93	-77.95	0.06
	98	60.24	-0.08	77.51	-0.93	134.40	0.03
51	97	67.04	0.03	12.44	-10.96	-164.60	0.05
	98	-67.04	-0.03	39.93	10.96	179.72	-0.01
52	97	-58.14	0.04	9.31	1.81	-32.02	0.03
	98	58.14	-0.04	43.06	-1.81	50.59	0.02
53	97	43.43	0.00	39.32	-7.97	-101.98	0.01
	98	-43.43	0.00	13.05	7.97	87.53	-0.01
54	97	-71.00	0.04	5.52	2.86	-23.67	0.02
	98	71.00	-0.04	46.85	-2.86	46.40	0.02
55	97	56.29	0.00	43.10	-9.02	-110.33	0.01
	98	-56.29	0.00	9.27	9.02	91.72	-0.02
56	97	-58.80	0.05	-24.60	1.16	-79.95	0.03
	98	58.80	-0.05	76.97	-1.16	135.81	0.02
57	97	42.78	0.00	5.41	-8.62	-149.91	0.01
	98	-42.78	0.00	46.96	8.62	172.76	-0.01
58	97	-71.65	0.05	-28.38	2.21	-71.60	0.02
	98	71.65	-0.05	80.75	-2.21	131.63	0.03
59	97	55.63	0.00	9.19	-9.67	-158.25	0.01
	98	-55.63	0.00	43.18	9.67	176.95	-0.01
60	97	-180.30	0.08	-38.55	13.38	34.73	0.04
	98	180.30	-0.08	90.92	-13.38	36.47	0.06
61	97	-173.65	0.10	-46.77	12.41	16.54	0.06
	98	173.65	-0.10	99.14	-12.41	63.71	0.06
62	97	-176.88	0.09	-37.57	12.99	32.83	0.05
	98	176.88	-0.09	89.94	-12.99	37.31	0.05
63	97	-177.08	0.09	-47.74	12.80	18.45	0.05

	98	177.08	-0.09	100.12	-12.80	62.88	0.06	
64	97	158.29	-0.06	61.49	-19.22	-198.47	-0.02	
	98	-158.29	0.06	-9.12	19.22	159.64	-0.05	
65	97	164.94	-0.04	53.26	-20.18	-216.66	0.00	
	98	-164.94	0.04	-0.89	20.18	186.87	-0.05	
66	97	161.71	-0.05	62.46	-19.60	-200.37	-0.01	
	98	-161.71	0.05	-10.09	19.60	160.47	-0.05	
67	97	161.52	-0.05	52.29	-19.80	-214.75	-0.01	
	98	-161.52	0.05	0.08	19.80	186.04	-0.04	
68	97	-223.15	0.09	-51.15	16.89	62.55	0.03	
	98	223.15	-0.09	103.52	-16.89	22.52	0.07	
69	97	-216.50	0.11	-59.38	15.92	44.36	0.05	
	98	216.50	-0.11	111.75	-15.92	49.76	0.07	
70	97	-219.72	0.10	-50.18	16.50	60.65	0.04	
	98	219.72	-0.10	102.55	-16.50	23.36	0.07	
71	97	-219.92	0.10	-60.35	16.31	46.27	0.04	
	98	219.92	-0.10	112.72	-16.31	48.92	0.07	
72	97	201.13	-0.06	74.09	-22.73	-226.29	-0.01	
	98	-201.13	0.06	-21.72	22.73	173.59	-0.06	
73	97	207.78	-0.04	65.87	-23.70	-244.48	0.01	
	98	-207.78	0.04	-13.50	23.70	200.82	-0.06	
74	97	204.56	-0.06	75.07	-23.11	-228.19	0.00	
	98	-204.56	0.06	-22.70	23.11	174.42	-0.06	
75	97	204.36	-0.05	64.90	-23.31	-242.57	0.00	
	98	-204.36	0.05	-12.53	23.31	199.99	-0.06	
128	1	98	-4.86	0.00	15.05	-2.54	-88.54	0.00
		99	4.86	0.00	5.85	2.54	83.49	0.00
2	98	-2.83	0.00	15.89	-0.86	-23.13	0.00	
	99	2.83	0.00	15.58	0.86	22.96	0.00	
3	98	-0.77	0.00	0.71	-0.40	-5.48	0.00	
	99	0.77	0.00	-0.71	0.40	4.69	0.00	
4	98	-1.24	0.00	1.47	-0.51	-11.51	0.00	
	99	1.24	0.00	-1.47	0.51	9.89	0.00	
5	98	-0.52	0.00	1.52	0.35	3.54	0.00	
	99	0.52	0.00	-1.52	-0.35	-5.21	0.00	
6	98	0.39	0.00	-0.97	-0.20	-2.88	0.00	
	99	-0.39	0.00	0.97	0.20	3.95	0.00	
7	98	-17.06	-0.02	-5.81	2.70	6.86	0.00	
	99	17.06	0.02	5.81	-2.70	-0.46	-0.01	
8	98	17.16	0.02	5.77	-2.57	-6.94	0.00	
	99	-17.16	-0.02	-5.77	2.57	0.60	0.01	
9	98	-12.53	-0.01	43.75	-5.09	-158.84	-0.01	
	99	12.53	0.01	24.33	5.09	148.16	0.00	
10	98	-11.72	-0.01	41.52	-5.58	-164.62	-0.01	
	99	11.72	0.01	26.57	5.58	156.40	0.00	
11	98	-27.42	-0.03	37.15	-2.97	-155.85	-0.01	
	99	27.42	0.03	30.93	2.97	152.43	-0.02	
12	98	3.37	0.01	47.57	-7.72	-168.27	0.00	
	99	-3.37	-0.01	20.51	7.72	153.38	0.01	

13	98	-12.31	-0.01	43.79	-4.88	-159.26	-0.01
	99	12.31	0.01	24.30	4.88	148.54	0.00
14	98	-11.49	-0.01	41.55	-5.37	-165.04	-0.01
	99	11.49	0.01	26.53	5.37	156.77	0.00
15	98	-27.20	-0.03	37.19	-2.76	-156.27	-0.01
	99	27.20	0.03	30.89	2.76	152.80	-0.02
16	98	3.60	0.01	47.61	-7.51	-168.69	0.00
	99	-3.60	-0.01	20.47	7.51	153.76	0.01
17	98	-11.69	-0.01	43.59	-4.28	-148.50	-0.01
	99	11.69	0.01	24.49	4.28	137.99	0.00
18	98	-10.33	-0.01	39.87	-5.10	-158.13	-0.01
	99	10.33	0.01	28.21	5.10	151.72	0.00
19	98	-36.51	-0.03	32.60	-0.75	-143.52	-0.01
	99	36.51	0.03	35.48	0.75	145.11	-0.02
20	98	14.82	0.02	49.97	-8.66	-164.22	0.00
	99	-14.82	-0.02	18.11	8.66	146.70	0.02
21	98	-9.38	-0.01	33.29	-3.85	-120.78	-0.01
	99	9.38	0.01	19.08	3.85	112.97	0.00
22	98	-8.83	-0.01	31.80	-4.18	-124.64	-0.01
	99	8.83	0.01	20.57	4.18	118.46	0.00
23	98	-19.31	-0.02	28.89	-2.44	-118.79	-0.01
	99	19.31	0.02	23.48	2.44	115.81	-0.01
24	98	1.22	0.00	35.84	-5.60	-127.07	0.00
	99	-1.22	0.00	16.53	5.60	116.45	0.01
25	98	-9.23	-0.01	33.32	-3.70	-121.06	-0.01
	99	9.23	0.01	19.06	3.70	113.22	0.00
26	98	-8.69	-0.01	31.83	-4.03	-124.91	-0.01
	99	8.69	0.01	20.54	4.03	118.71	0.00
27	98	-19.16	-0.02	28.92	-2.29	-119.07	-0.01
	99	19.16	0.02	23.45	2.29	116.06	-0.01
28	98	1.37	0.00	35.87	-5.46	-127.35	0.00
	99	-1.37	0.00	16.50	5.46	116.70	0.01
29	98	-8.82	-0.01	33.19	-3.31	-113.89	0.00
	99	8.82	0.01	19.19	3.31	106.19	0.00
30	98	-7.91	-0.01	30.70	-3.86	-120.31	-0.01
	99	7.91	0.01	21.67	3.86	115.34	0.00
31	98	-25.36	-0.02	25.86	-0.96	-110.57	-0.01
	99	25.36	0.02	26.51	0.96	110.93	-0.02
32	98	8.86	0.01	37.44	-6.23	-124.37	0.00
	99	-8.86	-0.01	14.93	6.23	111.99	0.01
33	98	-7.68	-0.01	30.93	-3.40	-111.67	0.00
	99	7.68	0.01	21.44	3.40	106.45	0.00
34	98	-7.93	-0.01	31.23	-3.51	-113.98	-0.01
	99	7.93	0.01	21.14	3.51	108.43	0.00
35	98	-7.79	-0.01	31.24	-3.33	-110.97	0.00
	99	7.79	0.01	21.14	3.33	105.41	0.00
36	98	-7.60	-0.01	30.74	-3.44	-112.25	0.00
	99	7.60	0.01	21.63	3.44	107.24	0.00
37	98	-11.09	-0.01	29.77	-2.86	-110.30	-0.01
	99	11.09	0.01	22.60	2.86	106.36	0.00

38	98	-4.25	0.00	32.09	-3.92	-113.06	0.00
	99	4.25	0.00	20.29	3.92	106.57	0.00
39	98	-7.68	-0.01	30.93	-3.40	-111.67	0.00
	99	7.68	0.01	21.44	3.40	106.45	0.00
40	98	-11.08	-0.02	7.06	1.61	45.39	0.00
	99	11.08	0.02	-7.06	-1.61	-53.15	-0.03
41	98	0.33	0.02	10.43	0.32	42.61	0.00
	99	-0.33	-0.02	-10.43	-0.32	-54.08	0.02
42	98	-169.30	-0.21	-57.47	16.30	61.58	-0.05
	99	169.30	0.21	57.47	-16.30	1.63	-0.17
43	98	-212.14	-0.26	-71.51	19.81	75.53	-0.06
	99	212.14	0.26	71.51	-19.81	3.13	-0.23
44	98	-69.55	-0.09	20.75	3.10	-47.81	-0.02
	99	69.55	0.09	31.62	-3.10	53.79	-0.08
45	98	32.02	0.03	55.23	-6.68	-84.76	0.01
	99	-32.02	-0.03	-2.86	6.68	52.81	0.02
46	98	-82.41	-0.11	16.54	4.15	-43.62	-0.02
	99	82.41	0.11	35.83	-4.15	54.24	-0.10
47	98	44.88	0.05	59.44	-7.73	-88.94	0.02
	99	-44.88	-0.05	-7.07	7.73	52.36	0.04
48	98	-47.39	-0.04	6.63	-0.13	-138.59	-0.02
	99	47.39	0.04	45.74	0.13	160.10	-0.03
49	98	54.19	0.08	41.12	-9.91	-175.54	0.01
	99	-54.19	-0.08	11.26	9.91	159.12	0.08
50	98	-60.24	-0.06	2.42	0.93	-134.40	-0.03
	99	60.24	0.06	49.95	-0.93	160.55	-0.04
51	98	67.04	0.10	45.33	-10.96	-179.72	0.01
	99	-67.04	-0.10	7.04	10.96	158.67	0.09
52	98	-58.14	-0.05	24.12	1.81	-50.59	-0.02
	99	58.14	0.05	28.25	-1.81	52.86	-0.04
53	98	43.43	0.07	58.60	-7.97	-87.53	0.01
	99	-43.43	-0.07	-6.23	7.97	51.88	0.07
54	98	-71.00	-0.07	19.91	2.86	-46.40	-0.02
	99	71.00	0.07	32.46	-2.86	53.31	-0.05
55	98	56.29	0.09	62.81	-9.02	-91.72	0.02
	99	-56.29	-0.09	-10.44	9.02	51.43	0.08
56	98	-58.80	-0.08	3.26	1.16	-135.81	-0.02
	99	58.80	0.08	49.11	-1.16	161.03	-0.07
57	98	42.78	0.04	37.75	-8.62	-172.76	0.01
	99	-42.78	-0.04	14.63	8.62	160.05	0.04
58	98	-71.65	-0.10	-0.95	2.21	-131.63	-0.03
	99	71.65	0.10	53.32	-2.21	161.47	-0.09
59	98	55.63	0.06	41.96	-9.67	-176.95	0.01
	99	-55.63	-0.06	10.41	9.67	159.60	0.05
60	98	-180.30	-0.22	-24.42	13.38	-36.47	-0.06
	99	180.30	0.22	76.79	-13.38	92.14	-0.18
61	98	-173.65	-0.20	-28.65	12.41	-63.71	-0.06
	99	173.65	0.20	81.03	-12.41	124.03	-0.17
62	98	-176.88	-0.21	-23.41	12.99	-37.31	-0.05
	99	176.88	0.21	75.78	-12.99	91.86	-0.17

63	98	-177.08	-0.22	-29.67	12.80	-62.88	-0.06	
	99	177.08	0.22	82.04	-12.80	124.31	-0.18	
64	98	158.29	0.19	90.52	-19.22	-159.64	0.05	
	99	-158.29	-0.19	-38.15	19.22	88.87	0.17	
65	98	164.94	0.21	86.28	-20.18	-186.87	0.05	
	99	-164.94	-0.21	-33.91	20.18	120.76	0.18	
66	98	161.71	0.21	91.53	-19.60	-160.47	0.05	
	99	-161.71	-0.21	-39.16	19.60	88.59	0.18	
67	98	161.52	0.19	85.27	-19.80	-186.04	0.04	
	99	-161.52	-0.19	-32.90	19.80	121.04	0.17	
68	98	-223.15	-0.28	-38.46	16.89	-22.52	-0.07	
	99	223.15	0.28	90.83	-16.89	93.64	-0.24	
69	98	-216.50	-0.26	-42.70	15.92	-49.76	-0.07	
	99	216.50	0.26	95.07	-15.92	125.53	-0.22	
70	98	-219.72	-0.26	-37.45	16.50	-23.36	-0.07	
	99	219.72	0.26	89.82	-16.50	93.36	-0.23	
71	98	-219.92	-0.28	-43.71	16.31	-48.92	-0.07	
	99	219.92	0.28	96.08	-16.31	125.81	-0.23	
72	98	201.13	0.25	104.56	-22.73	-173.59	0.06	
	99	-201.13	-0.25	-52.19	22.73	87.37	0.22	
73	98	207.78	0.27	100.33	-23.70	-200.82	0.06	
	99	-207.78	-0.27	-47.96	23.70	119.27	0.24	
74	98	204.56	0.26	105.57	-23.11	-174.42	0.06	
	99	-204.56	-0.26	-53.20	23.11	87.10	0.23	
75	98	204.36	0.25	99.32	-23.31	-199.99	0.06	
	99	-204.36	-0.25	-46.95	23.31	119.55	0.22	
129	1	99	-4.86	0.00	34.53	-2.54	-83.49	0.00
		100	4.86	0.00	-13.63	2.54	57.00	0.00
2	99	-2.83	0.00	19.27	-0.86	-22.96	0.00	
	100	2.83	0.00	12.21	0.86	19.08	0.00	
3	99	-0.77	0.00	2.09	-0.40	-4.69	0.00	
	100	0.77	0.00	-2.09	0.40	2.40	0.00	
4	99	-1.24	0.01	4.40	-0.51	-9.89	0.00	
	100	1.24	-0.01	-4.40	0.51	5.05	0.00	
5	99	-0.52	0.00	1.39	0.35	5.21	0.00	
	100	0.52	0.00	-1.39	-0.35	-6.74	0.00	
6	99	0.39	0.00	-0.75	-0.20	-3.95	0.00	
	100	-0.39	0.00	0.75	0.20	4.77	0.00	
7	99	-17.06	0.06	-6.41	2.70	0.46	0.01	
	100	17.06	-0.06	6.41	-2.70	6.59	0.05	
8	99	17.16	-0.06	6.36	-2.57	-0.60	-0.01	
	100	-17.16	0.06	-6.36	2.57	-6.40	-0.05	
9	99	-12.53	0.01	77.62	-5.09	-148.16	0.00	
	100	12.53	-0.01	-9.54	5.09	100.22	0.01	
10	99	-11.72	0.01	75.70	-5.58	-156.40	0.00	
	100	11.72	-0.01	-7.62	5.58	110.57	0.00	
11	99	-27.42	0.06	70.60	-2.97	-152.43	0.02	
	100	27.42	-0.06	-2.52	2.97	112.21	0.05	
12	99	3.37	-0.05	82.09	-7.72	-153.38	-0.01	

	100	-3.37	0.05	-14.01	7.72	100.52	-0.04
13	99	-12.31	0.01	77.79	-4.88	-148.54	0.00
	100	12.31	-0.01	-9.71	4.88	100.41	0.01
14	99	-11.49	0.01	75.86	-5.37	-156.77	0.00
	100	11.49	-0.01	-7.78	5.37	110.77	0.00
15	99	-27.20	0.06	70.77	-2.76	-152.80	0.02
	100	27.20	-0.06	-2.68	2.76	112.41	0.05
16	99	3.60	-0.04	82.26	-7.51	-153.76	-0.01
	100	-3.60	0.04	-14.18	7.51	100.72	-0.04
17	99	-11.69	0.01	75.32	-4.28	-137.99	0.00
	100	11.69	-0.01	-7.24	4.28	92.58	0.01
18	99	-10.33	0.00	72.12	-5.10	-151.72	0.00
	100	10.33	0.00	-4.03	5.10	109.84	0.00
19	99	-36.51	0.09	63.62	-0.75	-145.11	0.02
	100	36.51	-0.09	4.46	0.75	112.57	0.08
20	99	14.82	-0.08	82.78	-8.66	-146.70	-0.02
	100	-14.82	0.08	-14.70	8.66	93.09	-0.07
21	99	-9.38	0.01	58.92	-3.85	-112.97	0.00
	100	9.38	-0.01	-6.55	3.85	76.96	0.01
22	99	-8.83	0.00	57.64	-4.18	-118.46	0.00
	100	8.83	0.00	-5.27	4.18	83.86	0.00
23	99	-19.31	0.04	54.24	-2.44	-115.81	0.01
	100	19.31	-0.04	-1.87	2.44	84.95	0.03
24	99	1.22	-0.03	61.90	-5.60	-116.45	-0.01
	100	-1.22	0.03	-9.53	5.60	77.16	-0.03
25	99	-9.23	0.01	59.03	-3.70	-113.22	0.00
	100	9.23	-0.01	-6.66	3.70	77.09	0.01
26	99	-8.69	0.00	57.75	-4.03	-118.71	0.00
	100	8.69	0.00	-5.38	4.03	83.99	0.00
27	99	-19.16	0.04	54.35	-2.29	-116.06	0.01
	100	19.16	-0.04	-1.98	2.29	85.08	0.04
28	99	1.37	-0.03	62.01	-5.46	-116.70	-0.01
	100	-1.37	0.03	-9.64	5.46	77.29	-0.03
29	99	-8.82	0.01	57.39	-3.31	-106.19	0.00
	100	8.82	-0.01	-5.02	3.31	71.87	0.01
30	99	-7.91	0.00	55.25	-3.86	-115.34	0.00
	100	7.91	0.00	-2.88	3.86	83.37	0.00
31	99	-25.36	0.06	49.59	-0.96	-110.93	0.02
	100	25.36	-0.06	2.78	0.96	85.19	0.05
32	99	8.86	-0.06	62.36	-6.23	-111.99	-0.01
	100	-8.86	0.06	-9.99	6.23	72.20	-0.05
33	99	-7.68	0.00	53.80	-3.40	-106.45	0.00
	100	7.68	0.00	-1.43	3.40	76.08	0.00
34	99	-7.93	0.00	54.68	-3.51	-108.43	0.00
	100	7.93	0.00	-2.31	3.51	77.09	0.00
35	99	-7.79	0.00	54.08	-3.33	-105.41	0.00
	100	7.79	0.00	-1.70	3.33	74.73	0.00
36	99	-7.60	0.00	53.65	-3.44	-107.24	0.00
	100	7.60	0.00	-1.28	3.44	77.03	0.00
37	99	-11.09	0.01	52.51	-2.86	-106.36	0.00

	100	11.09	-0.01	-0.14	2.86	77.40	0.01
38	99	-4.25	-0.01	55.07	-3.92	-106.57	0.00
	100	4.25	0.01	-2.70	3.92	74.80	-0.01
39	99	-7.68	0.00	53.80	-3.40	-106.45	0.00
	100	7.68	0.00	-1.43	3.40	76.08	0.00
40	99	-11.08	0.12	0.90	1.61	53.15	0.03
	100	11.08	-0.12	-0.90	-1.61	-54.15	0.11
41	99	0.33	-0.07	4.35	0.32	54.08	-0.02
	100	-0.33	0.07	-4.35	-0.32	-58.87	-0.06
42	99	-169.30	0.75	-62.11	16.30	-1.63	0.17
	100	169.30	-0.75	62.11	-16.30	69.96	0.65
43	99	-212.14	0.98	-77.06	19.81	-3.13	0.23
	100	212.14	-0.98	77.06	-19.81	87.89	0.85
44	99	-69.55	0.35	36.07	3.10	-53.79	0.08
	100	69.55	-0.35	16.30	-3.10	42.92	0.30
45	99	32.02	-0.10	73.33	-6.68	-52.81	-0.02
	100	-32.02	0.10	-20.96	6.68	0.94	-0.09
46	99	-82.41	0.42	31.58	4.15	-54.24	0.10
	100	82.41	-0.42	20.79	-4.15	48.30	0.36
47	99	44.88	-0.17	77.82	-7.73	-52.36	-0.04
	100	-44.88	0.17	-25.45	7.73	-4.44	-0.15
48	99	-47.39	0.10	34.26	-0.13	-160.10	0.03
	100	47.39	-0.10	18.11	0.13	151.22	0.09
49	99	54.19	-0.35	71.53	-9.91	-159.12	-0.08
	100	-54.19	0.35	-19.16	9.91	109.24	-0.30
50	99	-60.24	0.17	29.78	0.93	-160.55	0.04
	100	60.24	-0.17	22.59	-0.93	156.60	0.15
51	99	67.04	-0.42	76.01	-10.96	-158.67	-0.09
	100	-67.04	0.42	-23.64	10.96	103.86	-0.36
52	99	-58.14	0.16	39.52	1.81	-52.86	0.04
	100	58.14	-0.16	12.85	-1.81	38.19	0.14
53	99	43.43	-0.29	76.78	-7.97	-51.88	-0.07
	100	-43.43	0.29	-24.41	7.97	-3.78	-0.25
54	99	-71.00	0.23	35.03	2.86	-53.31	0.05
	100	71.00	-0.23	17.34	-2.86	43.57	0.20
55	99	56.29	-0.36	81.27	-9.02	-51.43	-0.08
	100	-56.29	0.36	-28.90	9.02	-9.16	-0.31
56	99	-58.80	0.29	30.81	1.16	-161.03	0.07
	100	58.80	-0.29	21.56	-1.16	155.94	0.25
57	99	42.78	-0.16	68.08	-8.62	-160.05	-0.04
	100	-42.78	0.16	-15.71	8.62	113.96	-0.14
58	99	-71.65	0.36	26.33	2.21	-161.47	0.09
	100	71.65	-0.36	26.05	-2.21	161.32	0.31
59	99	55.63	-0.23	72.56	-9.67	-159.60	-0.05
	100	-55.63	0.23	-20.19	9.67	108.58	-0.20
60	99	-180.30	0.79	-8.05	13.38	-92.14	0.18
	100	180.30	-0.79	60.42	-13.38	129.79	0.68
61	99	-173.65	0.71	-8.59	12.41	-124.03	0.17
	100	173.65	-0.71	60.96	-12.41	162.28	0.62
62	99	-176.88	0.73	-7.01	12.99	-91.86	0.17

		100	176.88	-0.73	59.38	-12.99	128.38	0.63
63		99	-177.08	0.77	-9.62	12.80	-124.31	0.18
		100	177.08	-0.77	61.99	-12.80	163.70	0.67
64		99	158.29	-0.71	116.18	-19.22	-88.87	-0.17
		100	-158.29	0.71	-63.81	19.22	-10.12	-0.62
65		99	164.94	-0.79	115.64	-20.18	-120.76	-0.18
		100	-164.94	0.79	-63.27	20.18	22.36	-0.68
66		99	161.71	-0.77	117.22	-19.60	-88.59	-0.18
		100	-161.71	0.77	-64.85	19.60	-11.54	-0.67
67		99	161.52	-0.73	114.60	-19.80	-121.04	-0.17
		100	-161.52	0.73	-62.23	19.80	23.78	-0.63
68		99	-223.15	1.02	-22.99	16.89	-93.64	0.24
		100	223.15	-1.02	75.36	-16.89	147.73	0.88
69		99	-216.50	0.95	-23.53	15.92	-125.53	0.22
		100	216.50	-0.95	75.90	-15.92	180.22	0.82
70		99	-219.72	0.96	-21.95	16.50	-93.36	0.23
		100	219.72	-0.96	74.32	-16.50	146.31	0.83
71		99	-219.92	1.00	-24.57	16.31	-125.81	0.23
		100	219.92	-1.00	76.94	-16.31	181.63	0.87
72		99	201.13	-0.95	131.12	-22.73	-87.37	-0.22
		100	-201.13	0.95	-78.75	22.73	-28.06	-0.82
73		99	207.78	-1.02	130.58	-23.70	-119.27	-0.24
		100	-207.78	1.02	-78.21	23.70	4.43	-0.88
74		99	204.56	-1.00	132.16	-23.11	-87.10	-0.23
		100	-204.56	1.00	-79.79	23.11	-29.48	-0.87
75		99	204.36	-0.96	129.55	-23.31	-119.55	-0.22
		100	-204.36	0.96	-77.18	23.31	5.85	-0.84
130	1	100	-4.86	0.01	53.78	-2.54	-57.00	0.00
		6	4.86	-0.01	-40.96	2.54	25.02	0.00
2		100	-2.83	0.00	22.57	-0.86	-19.08	0.00
		6	2.83	0.00	-3.26	0.86	10.36	0.00
3		100	-0.77	-0.02	3.46	-0.40	-2.40	0.00
		6	0.77	0.02	-3.46	0.40	0.06	-0.01
4		100	-1.24	-0.04	7.30	-0.51	-5.05	0.00
		6	1.24	0.04	-7.30	0.51	0.12	-0.02
5		100	-0.52	-0.03	1.30	0.35	6.74	0.00
		6	0.52	0.03	-1.30	-0.35	-7.62	-0.02
6		100	0.39	0.02	-0.55	-0.20	-4.77	0.00
		6	-0.39	-0.02	0.55	0.20	5.14	0.01
7		100	-17.06	-0.44	-6.64	2.70	-6.59	-0.05
		6	17.06	0.44	6.64	-2.70	11.07	-0.25
8		100	17.16	0.44	6.59	-2.57	6.40	0.05
		6	-17.16	-0.44	-6.59	2.57	-10.85	0.25
9		100	-12.53	-0.07	111.09	-5.09	-100.22	-0.01
		6	12.53	0.07	-69.32	5.09	39.33	-0.04
10		100	-11.72	-0.03	109.43	-5.58	-110.57	0.00
		6	11.72	0.03	-67.65	5.58	50.81	-0.02
11		100	-27.42	-0.45	103.95	-2.97	-112.21	-0.05
		6	27.42	0.45	-62.17	2.97	56.15	-0.25

12	100	3.37	0.35	115.86	-7.72	-100.52	0.04
	6	-3.37	-0.35	-74.08	7.72	36.42	0.20
13	100	-12.31	-0.07	111.39	-4.88	-100.41	-0.01
	6	12.31	0.07	-69.61	4.88	39.33	-0.04
14	100	-11.49	-0.03	109.72	-5.37	-110.77	0.00
	6	11.49	0.03	-67.95	5.37	50.80	-0.02
15	100	-27.20	-0.45	104.24	-2.76	-112.41	-0.05
	6	27.20	0.45	-62.46	2.76	56.15	-0.25
16	100	3.60	0.35	116.15	-7.51	-100.72	0.04
	6	-3.60	-0.35	-74.37	7.51	36.41	0.20
17	100	-11.69	-0.06	106.69	-4.28	-92.58	-0.01
	6	11.69	0.06	-64.91	4.28	34.67	-0.03
18	100	-10.33	0.01	103.92	-5.10	-109.84	0.00
	6	10.33	-0.01	-62.14	5.10	53.80	0.01
19	100	-36.51	-0.69	94.78	-0.75	-112.57	-0.08
	6	36.51	0.69	-53.00	0.75	62.70	-0.38
20	100	14.82	0.65	114.63	-8.66	-93.09	0.07
	6	-14.82	-0.65	-72.85	8.66	29.81	0.36
21	100	-9.38	-0.05	84.24	-3.85	-76.96	-0.01
	6	9.38	0.05	-52.11	3.85	30.94	-0.03
22	100	-8.83	-0.02	83.14	-4.18	-83.86	0.00
	6	8.83	0.02	-51.00	4.18	38.59	-0.01
23	100	-19.31	-0.30	79.48	-2.44	-84.95	-0.03
	6	19.31	0.30	-47.34	2.44	42.15	-0.17
24	100	1.22	0.24	87.42	-5.60	-77.16	0.03
	6	-1.22	-0.24	-55.28	5.60	29.00	0.13
25	100	-9.23	-0.05	84.44	-3.70	-77.09	-0.01
	6	9.23	0.05	-52.30	3.70	30.94	-0.03
26	100	-8.69	-0.02	83.33	-4.03	-83.99	0.00
	6	8.69	0.02	-51.19	4.03	38.59	-0.01
27	100	-19.16	-0.30	79.67	-2.29	-85.08	-0.04
	6	19.16	0.30	-47.54	2.29	42.15	-0.17
28	100	1.37	0.23	87.62	-5.46	-77.29	0.03
	6	-1.37	-0.23	-55.48	5.46	28.99	0.13
29	100	-8.82	-0.04	81.31	-3.31	-71.87	-0.01
	6	8.82	0.04	-49.17	3.31	27.83	-0.02
30	100	-7.91	0.01	79.46	-3.86	-83.37	0.00
	6	7.91	-0.01	-47.32	3.86	40.58	0.00
31	100	-25.36	-0.46	73.36	-0.96	-85.19	-0.05
	6	25.36	0.46	-41.23	0.96	46.52	-0.26
32	100	8.86	0.43	86.60	-6.23	-72.20	0.05
	6	-8.86	-0.43	-54.46	6.23	24.59	0.24
33	100	-7.68	0.01	76.35	-3.40	-76.08	0.00
	6	7.68	-0.01	-44.22	3.40	35.39	0.00
34	100	-7.93	0.00	77.82	-3.51	-77.09	0.00
	6	7.93	0.00	-45.68	3.51	35.41	0.00
35	100	-7.79	0.00	76.61	-3.33	-74.73	0.00
	6	7.79	0.00	-44.48	3.33	33.86	0.00
36	100	-7.60	0.01	76.25	-3.44	-77.03	0.00
	6	7.60	-0.01	-44.11	3.44	36.41	0.01

37	100	-11.09	-0.08	75.03	-2.86	-77.40	-0.01
	6	11.09	0.08	-42.89	2.86	37.60	-0.05
38	100	-4.25	0.10	77.67	-3.92	-74.80	0.01
	6	4.25	-0.10	-45.54	3.92	33.22	0.05
39	100	-7.68	0.01	76.35	-3.40	-76.08	0.00
	6	7.68	-0.01	-44.22	3.40	35.39	0.00
40	100	-11.08	-0.94	-4.97	1.61	54.15	-0.11
	6	11.08	0.94	4.97	-1.61	-50.79	-0.53
41	100	0.33	0.50	-1.49	0.32	58.87	0.06
	6	-0.33	-0.50	1.49	-0.32	-57.87	0.28
42	100	-169.30	-5.60	-63.94	16.30	-69.96	-0.65
	6	169.30	5.60	63.94	-16.30	113.12	-3.13
43	100	-212.14	-7.35	-79.24	19.81	-87.89	-0.85
	6	212.14	7.35	79.24	-19.81	141.38	-4.11
44	100	-69.55	-2.61	52.20	3.10	-42.92	-0.30
	6	69.55	2.61	-20.06	-3.10	18.53	-1.46
45	100	32.02	0.75	90.56	-6.68	-0.94	0.09
	6	-32.02	-0.75	-58.43	6.68	-49.34	0.42
46	100	-82.41	-3.14	47.61	4.15	-48.30	-0.36
	6	82.41	3.14	-15.47	-4.15	27.01	-1.75
47	100	44.88	1.27	95.15	-7.73	4.44	0.15
	6	-44.88	-1.27	-63.02	7.73	-57.82	0.71
48	100	-47.39	-0.73	62.15	-0.13	-151.22	-0.09
	6	47.39	0.73	-30.01	0.13	120.11	-0.41
49	100	54.19	2.62	100.51	-9.91	-109.24	0.30
	6	-54.19	-2.62	-68.37	9.91	52.24	1.47
50	100	-60.24	-1.26	57.56	0.93	-156.60	-0.15
	6	60.24	1.26	-25.42	-0.93	128.59	-0.70
51	100	67.04	3.15	105.10	-10.96	-103.86	0.36
	6	-67.04	-3.15	-72.96	10.96	43.76	1.76
52	100	-58.14	-1.17	55.69	1.81	-38.19	-0.14
	6	58.14	1.17	-23.55	-1.81	11.45	-0.65
53	100	43.43	2.19	94.05	-7.97	3.78	0.25
	6	-43.43	-2.19	-61.91	7.97	-56.42	1.22
54	100	-71.00	-1.70	51.10	2.86	-43.57	-0.20
	6	71.00	1.70	-18.96	-2.86	19.93	-0.95
55	100	56.29	2.71	98.64	-9.02	9.16	0.31
	6	-56.29	-2.71	-66.50	9.02	-64.90	1.52
56	100	-58.80	-2.17	58.66	1.16	-155.94	-0.25
	6	58.80	2.17	-26.52	-1.16	127.19	-1.21
57	100	42.78	1.18	97.02	-8.62	-113.96	0.14
	6	-42.78	-1.18	-64.89	8.62	59.32	0.66
58	100	-71.65	-2.70	54.07	2.21	-161.32	-0.31
	6	71.65	2.70	-21.93	-2.21	135.67	-1.51
59	100	55.63	1.71	101.61	-9.67	-108.58	0.20
	6	-55.63	-1.71	-69.48	9.67	50.84	0.96
60	100	-180.30	-5.87	10.93	13.38	-129.79	-0.68
	6	180.30	5.87	21.21	-13.38	133.27	-3.28
61	100	-173.65	-5.31	13.91	12.41	-162.28	-0.62
	6	173.65	5.31	18.23	-12.41	163.74	-2.97

	62	100	-176.88	-5.44	11.97	12.99	-128.38	-0.63
		6	176.88	5.44	20.17	-12.99	131.14	-3.04
	63	100	-177.08	-5.74	12.86	12.80	-163.70	-0.67
		6	177.08	5.74	19.27	-12.80	165.86	-3.21
	64	100	158.29	5.32	138.80	-19.22	10.12	0.62
		6	-158.29	-5.32	-106.66	19.22	-92.97	2.97
	65	100	164.94	5.88	141.78	-20.18	-22.36	0.68
		6	-164.94	-5.88	-109.65	20.18	-62.49	3.29
	66	100	161.71	5.75	139.85	-19.60	11.54	0.67
		6	-161.71	-5.75	-107.71	19.60	-95.09	3.22
	67	100	161.52	5.45	140.74	-19.80	-23.78	0.63
		6	-161.52	-5.45	-108.60	19.80	-60.37	3.05
	68	100	-223.15	-7.62	-4.38	16.89	-147.73	-0.88
		6	223.15	7.62	36.51	-16.89	161.53	-4.26
	69	100	-216.50	-7.06	-1.39	15.92	-180.22	-0.82
		6	216.50	7.06	33.53	-15.92	192.00	-3.95
	70	100	-219.72	-7.19	-3.33	16.50	-146.31	-0.83
		6	219.72	7.19	35.47	-16.50	159.40	-4.02
	71	100	-219.92	-7.49	-2.44	16.31	-181.63	-0.87
		6	219.92	7.49	34.58	-16.31	194.13	-4.19
	72	100	201.13	7.07	154.10	-22.73	28.06	0.82
		6	-201.13	-7.07	-121.97	22.73	-121.23	3.95
	73	100	207.78	7.64	157.09	-23.70	-4.43	0.88
		6	-207.78	-7.64	-124.95	23.70	-90.76	4.27
	74	100	204.56	7.51	155.15	-23.11	29.48	0.87
		6	-204.56	-7.51	-123.01	23.11	-123.35	4.20
	75	100	204.36	7.21	156.04	-23.31	-5.85	0.84
		6	-204.36	-7.21	-123.90	23.31	-88.63	4.03
131	1	6	-4.85	0.01	-40.96	2.54	-25.02	0.00
		101	4.85	-0.01	53.78	-2.54	57.00	0.00
	2	6	-2.83	0.00	-3.26	0.86	-10.36	0.00
		101	2.83	0.00	22.57	-0.86	19.08	0.00
	3	6	-0.77	-0.02	-3.46	0.40	-0.06	-0.01
		101	0.77	0.02	3.46	-0.40	2.40	0.00
	4	6	-1.25	-0.04	-7.30	0.51	-0.12	-0.02
		101	1.25	0.04	7.30	-0.51	5.05	0.00
	5	6	-0.53	-0.03	-1.30	-0.35	7.62	-0.02
		101	0.53	0.03	1.30	0.35	-6.74	0.00
	6	6	0.40	0.02	0.55	0.20	-5.14	0.01
		101	-0.40	-0.02	-0.55	-0.20	4.77	0.00
	7	6	-7.28	-0.44	-6.60	2.55	11.06	-0.25
		101	7.28	0.44	6.60	-2.55	-6.60	-0.05
	8	6	7.38	0.44	6.65	-2.69	-11.28	0.25
		101	-7.38	-0.44	-6.65	2.69	6.79	0.05
	9	6	-12.55	-0.07	-69.31	5.09	-39.33	-0.04
		101	12.55	0.07	111.09	-5.09	100.22	-0.01
	10	6	-11.72	-0.03	-67.65	5.58	-50.81	-0.02
		101	11.72	0.03	109.43	-5.58	110.58	0.00
	11	6	-18.63	-0.44	-74.09	7.70	-36.23	-0.25

	101	18.63	0.44	115.86	-7.70	100.34	-0.05
12	6	-5.44	0.36	-62.16	2.99	-56.34	0.20
	101	5.44	-0.36	103.94	-2.99	112.40	0.04
13	6	-12.33	-0.07	-69.61	4.87	-39.33	-0.04
	101	12.33	0.07	111.39	-4.87	100.42	-0.01
14	6	-11.50	-0.03	-67.95	5.37	-50.81	-0.02
	101	11.50	0.03	109.72	-5.37	110.77	0.00
15	6	-18.41	-0.44	-74.38	7.49	-36.23	-0.25
	101	18.41	0.44	116.16	-7.49	100.54	-0.05
16	6	-5.22	0.35	-62.45	2.77	-56.33	0.20
	101	5.22	-0.35	104.23	-2.77	112.59	0.04
17	6	-11.71	-0.06	-64.91	4.28	-34.67	-0.03
	101	11.71	0.06	106.69	-4.28	92.58	-0.01
18	6	-10.32	0.01	-62.14	5.10	-53.80	0.01
	101	10.32	-0.01	103.92	-5.10	109.84	0.00
19	6	-21.84	-0.68	-72.86	8.64	-29.50	-0.38
	101	21.84	0.68	114.64	-8.64	92.79	-0.08
20	6	0.15	0.65	-52.99	0.78	-63.01	0.36
	101	-0.15	-0.65	94.76	-0.78	112.87	0.08
21	6	-9.39	-0.04	-52.11	3.84	-30.94	-0.03
	101	9.39	0.04	84.24	-3.84	76.96	0.00
22	6	-8.84	-0.02	-51.00	4.17	-38.59	-0.01
	101	8.84	0.02	83.13	-4.17	83.86	0.00
23	6	-13.44	-0.29	-55.29	5.59	-28.87	-0.17
	101	13.44	0.29	87.42	-5.59	77.04	-0.03
24	6	-4.65	0.24	-47.34	2.44	-42.28	0.13
	101	4.65	-0.24	79.47	-2.44	85.07	0.03
25	6	-9.24	-0.05	-52.30	3.70	-30.94	-0.03
	101	9.24	0.05	84.44	-3.70	77.09	0.00
26	6	-8.69	-0.02	-51.19	4.03	-38.59	-0.01
	101	8.69	0.02	83.33	-4.03	83.99	0.00
27	6	-13.30	-0.29	-55.48	5.45	-28.87	-0.17
	101	13.30	0.29	87.62	-5.45	77.17	-0.03
28	6	-4.50	0.24	-47.53	2.30	-42.27	0.13
	101	4.50	-0.24	79.67	-2.30	85.20	0.03
29	6	-8.83	-0.04	-49.17	3.31	-27.83	-0.02
	101	8.83	0.04	81.31	-3.31	71.87	0.00
30	6	-7.90	0.01	-47.32	3.86	-40.58	0.00
	101	7.90	-0.01	79.46	-3.86	83.37	0.00
31	6	-15.58	-0.45	-54.47	6.21	-24.39	-0.25
	101	15.58	0.45	86.61	-6.21	72.00	-0.05
32	6	-0.92	0.43	-41.22	0.97	-46.72	0.24
	101	0.92	-0.43	73.36	-0.97	85.39	0.05
33	6	-7.68	0.01	-44.22	3.40	-35.39	0.00
	101	7.68	-0.01	76.35	-3.40	76.08	0.00
34	6	-7.93	0.00	-45.68	3.51	-35.41	0.00
	101	7.93	0.00	77.82	-3.51	77.09	0.00
35	6	-7.78	0.00	-44.48	3.33	-33.86	0.00
	101	7.78	0.00	76.61	-3.33	74.73	0.00
36	6	-7.60	0.01	-44.11	3.44	-36.41	0.01

	101	7.60	-0.01	76.25	-3.44	77.03	0.00
37	6	-9.13	-0.08	-45.54	3.91	-33.17	-0.05
	101	9.13	0.08	77.67	-3.91	74.76	-0.01
38	6	-6.20	0.10	-42.89	2.87	-37.64	0.05
	101	6.20	-0.10	75.02	-2.87	77.44	0.01
39	6	-7.68	0.01	-44.22	3.40	-35.39	0.00
	101	7.68	-0.01	76.35	-3.40	76.08	0.00
40	6	-7.93	-0.94	1.48	-0.33	57.94	-0.53
	101	7.93	0.94	-1.48	0.33	-58.95	-0.11
41	6	-2.96	0.49	4.97	-1.61	50.73	0.28
	101	2.96	-0.49	-4.97	1.61	-54.09	0.06
42	6	-72.53	-5.58	-64.01	16.14	115.14	-3.13
	101	72.53	5.58	64.01	-16.14	-71.93	-0.64
43	6	-90.99	-7.33	-79.33	19.61	143.94	-4.11
	101	90.99	7.33	79.33	-19.61	-90.39	-0.85
44	6	-37.36	-2.61	-61.94	7.91	57.10	-1.46
	101	37.36	2.61	61.94	-7.91	-4.45	-0.30
45	6	6.15	0.74	-23.53	-1.77	-11.99	0.42
	101	-6.15	-0.74	23.53	1.77	11.99	-0.42
46	6	-42.91	-3.13	-66.53	8.95	65.74	-1.75
	101	42.91	3.13	66.53	-8.95	-65.74	1.75
47	6	11.69	1.27	-18.93	-2.81	-20.62	0.71
	101	-11.69	-1.27	18.93	2.81	20.62	-0.71
48	6	-21.50	-0.72	-64.90	8.58	-58.79	-0.41
	101	21.50	0.72	64.90	-8.58	58.79	0.41
49	6	22.01	2.63	-26.50	-1.11	-127.87	1.47
	101	-22.01	-2.63	26.50	1.11	127.87	-1.47
50	6	-27.04	-1.25	-69.50	9.62	-50.15	-0.70
	101	27.04	1.25	69.50	-9.62	50.15	0.70
51	6	27.55	3.15	-21.90	-2.15	-136.51	1.76
	101	-27.55	-3.15	21.90	2.15	136.51	-1.76
52	6	-32.40	-1.17	-58.45	6.63	49.89	-0.65
	101	32.40	1.17	58.45	-6.63	-49.89	0.65
53	6	11.12	2.18	-20.04	-3.05	-19.20	1.22
	101	-11.12	-2.18	20.04	3.05	19.20	-1.22
54	6	-37.94	-1.70	-63.05	7.67	58.53	-0.95
	101	37.94	1.70	63.05	-7.67	-58.53	0.95
55	6	16.66	2.70	-15.45	-4.09	-27.84	1.51
	101	-16.66	-2.70	15.45	4.09	27.84	-1.51
56	6	-26.47	-2.16	-68.39	9.85	-51.57	-1.21
	101	26.47	2.16	68.39	-9.85	51.57	1.21
57	6	17.04	1.19	-29.99	0.17	-120.66	0.66
	101	-17.04	-1.19	29.99	-0.17	120.66	-0.66
58	6	-32.01	-2.68	-72.99	10.90	-42.93	-1.51
	101	32.01	2.68	72.99	-10.90	42.93	1.51
59	6	22.58	1.72	-25.39	-0.87	-129.30	0.96
	101	-22.58	-1.72	25.39	0.87	129.30	-0.96
60	6	-82.58	-5.86	-107.79	19.44	97.14	-3.28
	101	82.58	5.86	107.79	-19.44	-97.14	3.28
61	6	-77.82	-5.29	-108.68	19.64	62.37	-2.96

		101	77.82	5.29	140.81	-19.64	21.83	-0.61
62		6	-81.09	-5.43	-106.74	19.06	94.98	-3.04
		101	81.09	5.43	138.88	-19.06	-12.08	-0.63
63		6	-79.31	-5.72	-109.72	20.02	64.54	-3.20
		101	79.31	5.72	141.86	-20.02	20.37	-0.66
64		6	62.47	5.31	20.24	-12.84	-133.15	2.97
		101	-62.47	-5.31	11.90	12.84	130.33	0.61
65		6	67.23	5.88	19.35	-12.64	-167.91	3.29
		101	-67.23	-5.88	12.79	12.64	165.70	0.68
66		6	63.96	5.74	21.29	-13.22	-135.31	3.21
		101	-63.96	-5.74	10.85	13.22	131.79	0.66
67		6	65.74	5.44	18.30	-12.25	-165.75	3.05
		101	-65.74	-5.44	13.83	12.25	164.24	0.63
68		6	-101.05	-7.61	-123.11	22.91	125.94	-4.26
		101	101.05	7.61	155.24	-22.91	-31.99	-0.88
69		6	-96.29	-7.04	-124.00	23.11	91.17	-3.94
		101	96.29	7.04	156.13	-23.11	3.37	-0.81
70		6	-99.56	-7.18	-122.06	22.53	123.77	-4.02
		101	99.56	7.18	154.20	-22.53	-30.54	-0.83
71		6	-97.78	-7.47	-125.04	23.49	93.34	-4.18
		101	97.78	7.47	157.18	-23.49	1.91	-0.86
72		6	80.94	7.06	35.56	-16.31	-161.94	3.95
		101	-80.94	-7.06	-3.42	16.31	148.79	0.81
73		6	85.70	7.63	34.67	-16.11	-196.71	4.27
		101	-85.70	-7.63	-2.53	16.11	184.15	0.88
74		6	82.43	7.49	36.61	-16.69	-164.11	4.19
		101	-82.43	-7.49	-4.47	16.69	150.24	0.86
75		6	84.21	7.19	33.62	-15.72	-194.55	4.03
		101	-84.21	-7.19	-1.49	15.72	182.70	0.83
132	1	101	-4.85	0.00	-13.63	2.54	-57.00	0.00
		102	4.85	0.00	34.53	-2.54	83.49	0.00
2		101	-2.83	0.00	12.21	0.86	-19.08	0.00
		102	2.83	0.00	19.27	-0.86	22.96	0.00
3		101	-0.77	0.00	-2.09	0.40	-2.40	0.00
		102	0.77	0.00	2.09	-0.40	4.69	0.00
4		101	-1.25	0.00	-4.40	0.51	-5.05	0.00
		102	1.25	0.00	4.40	-0.51	9.89	0.00
5		101	-0.53	0.00	-1.39	-0.35	6.74	0.00
		102	0.53	0.00	1.39	0.35	-5.21	0.00
6		101	0.40	0.00	0.75	0.20	-4.77	0.00
		102	-0.40	0.00	-0.75	-0.20	3.95	0.00
7		101	-7.28	0.06	-6.36	2.55	6.60	0.05
		102	7.28	-0.06	6.36	-2.55	0.40	0.01
8		101	7.38	-0.06	6.41	-2.69	-6.79	-0.05
		102	-7.38	0.06	-6.41	2.69	-0.26	-0.01
9		101	-12.55	0.00	-9.54	5.09	-100.22	0.01
		102	12.55	0.00	77.62	-5.09	148.16	0.00
10		101	-11.72	0.00	-7.61	5.58	-110.58	0.00
		102	11.72	0.00	75.70	-5.58	156.40	0.00

11	101	-18.63	0.05	-14.01	7.70	-100.34	0.05
	102	18.63	-0.05	82.09	-7.70	153.20	0.01
12	101	-5.44	-0.05	-2.51	2.99	-112.40	-0.04
	102	5.44	0.05	70.60	-2.99	152.61	-0.01
13	101	-12.33	0.01	-9.70	4.87	-100.42	0.01
	102	12.33	-0.01	77.79	-4.87	148.53	0.00
14	101	-11.50	0.00	-7.78	5.37	-110.77	0.00
	102	11.50	0.00	75.86	-5.37	156.77	0.00
15	101	-18.41	0.05	-14.18	7.49	-100.54	0.05
	102	18.41	-0.05	82.26	-7.49	153.58	0.01
16	101	-5.22	-0.05	-2.68	2.77	-112.59	-0.04
	102	5.22	0.05	70.76	-2.77	152.98	-0.01
17	101	-11.71	0.00	-7.24	4.28	-92.58	0.01
	102	11.71	0.00	75.32	-4.28	137.99	0.00
18	101	-10.32	-0.01	-4.03	5.10	-109.84	0.00
	102	10.32	0.01	72.12	-5.10	151.72	0.00
19	101	-21.84	0.08	-14.70	8.64	-92.79	0.08
	102	21.84	-0.08	82.78	-8.64	146.40	0.02
20	101	0.15	-0.09	4.46	0.78	-112.87	-0.08
	102	-0.15	0.09	63.62	-0.78	145.41	-0.02
21	101	-9.39	0.00	-6.55	3.84	-76.96	0.00
	102	9.39	0.00	58.92	-3.84	112.97	0.00
22	101	-8.84	0.00	-5.27	4.17	-83.86	0.00
	102	8.84	0.00	57.64	-4.17	118.46	0.00
23	101	-13.44	0.04	-9.53	5.59	-77.04	0.03
	102	13.44	-0.04	61.90	-5.59	116.33	0.01
24	101	-4.65	-0.03	-1.87	2.44	-85.07	-0.03
	102	4.65	0.03	54.24	-2.44	115.93	-0.01
25	101	-9.24	0.00	-6.66	3.70	-77.09	0.00
	102	9.24	0.00	59.03	-3.70	113.22	0.00
26	101	-8.69	0.00	-5.38	4.03	-83.99	0.00
	102	8.69	0.00	57.75	-4.03	118.71	0.00
27	101	-13.30	0.04	-9.64	5.45	-77.17	0.03
	102	13.30	-0.04	62.01	-5.45	116.58	0.01
28	101	-4.50	-0.03	-1.98	2.30	-85.20	-0.03
	102	4.50	0.03	54.35	-2.30	116.18	-0.01
29	101	-8.83	0.00	-5.02	3.31	-71.87	0.00
	102	8.83	0.00	57.39	-3.31	106.19	0.00
30	101	-7.90	0.00	-2.88	3.86	-83.37	0.00
	102	7.90	0.00	55.25	-3.86	115.34	0.00
31	101	-15.58	0.06	-9.99	6.21	-72.00	0.05
	102	15.58	-0.06	62.36	-6.21	111.79	0.01
32	101	-0.92	-0.06	2.79	0.97	-85.39	-0.05
	102	0.92	0.06	49.58	-0.97	111.13	-0.02
33	101	-7.68	0.00	-1.43	3.40	-76.08	0.00
	102	7.68	0.00	53.80	-3.40	106.45	0.00
34	101	-7.93	0.00	-2.31	3.51	-77.09	0.00
	102	7.93	0.00	54.68	-3.51	108.43	0.00
35	101	-7.78	0.00	-1.70	3.33	-74.73	0.00
	102	7.78	0.00	54.08	-3.33	105.41	0.00

36	101	-7.60	0.00	-1.28	3.44	-77.03	0.00
	102	7.60	0.00	53.65	-3.44	107.24	0.00
37	101	-9.13	0.01	-2.70	3.91	-74.76	0.01
	102	9.13	-0.01	55.07	-3.91	106.53	0.00
38	101	-6.20	-0.02	-0.14	2.87	-77.44	-0.01
	102	6.20	0.02	52.51	-2.87	106.40	-0.01
39	101	-7.68	0.00	-1.43	3.40	-76.08	0.00
	102	7.68	0.00	53.80	-3.40	106.45	0.00
40	101	-7.93	0.13	-4.36	-0.33	58.95	0.11
	102	7.93	-0.13	4.36	0.33	-54.15	0.03
41	101	-2.96	-0.06	-0.90	-1.61	54.09	-0.06
	102	2.96	0.06	0.90	1.61	-53.09	-0.01
42	101	-72.53	0.73	-62.13	16.14	71.93	0.64
	102	72.53	-0.73	62.13	-16.14	-3.59	0.16
43	101	-90.99	0.96	-77.08	19.61	90.39	0.85
	102	90.99	-0.96	77.08	-19.61	-5.61	0.21
44	101	-37.36	0.34	-24.42	7.91	4.45	0.30
	102	37.36	-0.34	76.79	-7.91	51.22	0.08
45	101	6.15	-0.10	12.86	-1.77	-38.71	-0.09
	102	-6.15	0.10	39.51	1.77	53.38	-0.02
46	101	-42.91	0.41	-28.90	8.95	9.98	0.36
	102	42.91	-0.41	81.27	-8.95	50.62	0.09
47	101	11.69	-0.16	17.34	-2.81	-44.25	-0.15
	102	-11.69	0.16	35.03	2.81	53.98	-0.03
48	101	-21.50	0.09	-15.71	8.58	-113.44	0.08
	102	21.50	-0.09	68.08	-8.58	159.53	0.01
49	101	22.01	-0.35	21.57	-1.11	-156.60	-0.30
	102	-22.01	0.35	30.80	1.11	161.68	-0.08
50	101	-27.04	0.15	-20.19	9.62	-107.91	0.14
	102	27.04	-0.15	72.56	-9.62	158.92	0.03
51	101	27.55	-0.42	26.05	-2.15	-162.14	-0.36
	102	-27.55	0.42	26.32	2.15	162.29	-0.10
52	101	-32.40	0.16	-20.97	6.63	-0.41	0.14
	102	32.40	-0.16	73.34	-6.63	52.28	0.04
53	101	11.12	-0.28	16.31	-3.05	-43.57	-0.25
	102	-11.12	0.28	36.06	3.05	54.44	-0.06
54	101	-37.94	0.23	-25.45	7.67	5.12	0.20
	102	37.94	-0.23	77.82	-7.67	51.68	0.05
55	101	16.66	-0.35	20.79	-4.09	-49.11	-0.31
	102	-16.66	0.35	31.58	4.09	55.04	-0.07
56	101	-26.47	0.27	-19.16	9.85	-108.58	0.25
	102	26.47	-0.27	71.53	-9.85	158.46	0.05
57	101	17.04	-0.17	18.12	0.17	-151.75	-0.14
	102	-17.04	0.17	34.25	-0.17	160.62	-0.04
58	101	-32.01	0.34	-23.64	10.90	-103.05	0.31
	102	32.01	-0.34	76.01	-10.90	157.86	0.07
59	101	22.58	-0.23	22.60	-0.87	-157.28	-0.20
	102	-22.58	0.23	29.77	0.87	161.22	-0.06
60	101	-82.58	0.76	-64.86	19.44	13.54	0.67
	102	82.58	-0.76	117.23	-19.44	86.61	0.17

61	101	-77.82	0.69	-62.25	19.64	-21.83	0.61	
	102	77.82	-0.69	114.62	-19.64	119.10	0.15	
62	101	-81.09	0.71	-63.82	19.06	12.08	0.63	
	102	81.09	-0.71	116.19	-19.06	86.93	0.15	
63	101	-79.31	0.74	-63.28	20.02	-20.37	0.66	
	102	79.31	-0.74	115.65	-20.02	118.78	0.16	
64	101	62.47	-0.70	59.39	-12.84	-130.33	-0.61	
	102	-62.47	0.70	-7.02	12.84	93.80	-0.15	
65	101	67.23	-0.77	62.01	-12.64	-165.70	-0.68	
	102	-67.23	0.77	-9.64	12.64	126.29	-0.17	
66	101	63.96	-0.75	60.43	-13.22	-131.79	-0.66	
	102	-63.96	0.75	-8.06	13.22	94.12	-0.16	
67	101	65.74	-0.72	60.97	-12.25	-164.24	-0.63	
	102	-65.74	0.72	-8.60	12.25	125.97	-0.16	
68	101	-101.05	0.99	-79.81	22.91	31.99	0.88	
	102	101.05	-0.99	132.18	-22.91	84.60	0.21	
69	101	-96.29	0.91	-77.19	23.11	-3.37	0.81	
	102	96.29	-0.91	129.57	-23.11	117.09	0.20	
70	101	-99.56	0.94	-78.77	22.53	30.54	0.83	
	102	99.56	-0.94	131.14	-22.53	84.92	0.20	
71	101	-97.78	0.97	-78.23	23.49	-1.91	0.86	
	102	97.78	-0.97	130.60	-23.49	116.77	0.21	
72	101	80.94	-0.92	74.34	-16.31	-148.79	-0.81	
	102	-80.94	0.92	-21.97	16.31	95.81	-0.20	
73	101	85.70	-1.00	76.96	-16.11	-184.15	-0.88	
	102	-85.70	1.00	-24.59	16.11	128.31	-0.22	
74	101	82.43	-0.98	75.38	-16.69	-150.24	-0.86	
	102	-82.43	0.98	-23.01	16.69	96.13	-0.21	
75	101	84.21	-0.94	75.92	-15.72	-182.70	-0.83	
	102	-84.21	0.94	-23.55	15.72	127.99	-0.21	
133	1	102	-4.85	0.01	5.85	2.54	-83.49	0.00
		103	4.85	-0.01	15.05	-2.54	88.54	0.01
2	102	-2.83	0.00	15.58	0.86	-22.96	0.00	
	103	2.83	0.00	15.89	-0.86	23.13	0.00	
3	102	-0.77	0.00	-0.71	0.40	-4.69	0.00	
	103	0.77	0.00	0.71	-0.40	5.48	0.00	
4	102	-1.25	0.00	-1.47	0.51	-9.89	0.00	
	103	1.25	0.00	1.47	-0.51	11.51	0.00	
5	102	-0.53	0.00	-1.52	-0.35	5.21	0.00	
	103	0.53	0.00	1.52	0.35	-3.54	0.00	
6	102	0.40	0.00	0.97	0.20	-3.95	0.00	
	103	-0.40	0.00	-0.97	-0.20	2.88	0.00	
7	102	-7.28	-0.01	-5.76	2.55	-0.40	-0.01	
	103	7.28	0.01	5.76	-2.55	6.74	0.00	
8	102	7.38	0.01	5.81	-2.69	0.26	0.01	
	103	-7.38	-0.01	-5.81	2.69	-6.65	0.00	
9	102	-12.55	0.01	24.33	5.09	-148.16	0.00	
	103	12.55	-0.01	43.75	-5.09	158.84	0.01	
10	102	-11.72	0.02	26.57	5.58	-156.40	0.00	

	103	11.72	-0.02	41.51	-5.58	164.62	0.02
11	102	-18.63	0.01	20.51	7.70	-153.20	-0.01
	103	18.63	-0.01	47.57	-7.70	168.08	0.02
12	102	-5.44	0.03	30.93	2.99	-152.61	0.01
	103	5.44	-0.03	37.16	-2.99	156.03	0.01
13	102	-12.33	0.01	24.30	4.87	-148.53	0.00
	103	12.33	-0.01	43.79	-4.87	159.25	0.01
14	102	-11.50	0.02	26.53	5.37	-156.77	0.00
	103	11.50	-0.02	41.55	-5.37	165.03	0.02
15	102	-18.41	0.01	20.47	7.49	-153.58	-0.01
	103	18.41	-0.01	47.61	-7.49	168.50	0.02
16	102	-5.22	0.03	30.89	2.77	-152.98	0.01
	103	5.22	-0.03	37.19	-2.77	156.45	0.01
17	102	-11.71	0.01	24.49	4.28	-137.99	0.00
	103	11.71	-0.01	43.59	-4.28	148.50	0.01
18	102	-10.32	0.02	28.21	5.10	-151.72	0.00
	103	10.32	-0.02	39.87	-5.10	158.13	0.02
19	102	-21.84	0.00	18.12	8.64	-146.40	-0.02
	103	21.84	0.00	49.96	-8.64	163.91	0.01
20	102	0.15	0.03	35.48	0.78	-145.41	0.02
	103	-0.15	-0.03	32.60	-0.78	143.83	0.01
21	102	-9.39	0.01	19.08	3.84	-112.97	0.00
	103	9.39	-0.01	33.29	-3.84	120.78	0.01
22	102	-8.84	0.01	20.57	4.17	-118.46	0.00
	103	8.84	-0.01	31.80	-4.17	124.63	0.01
23	102	-13.44	0.01	16.53	5.59	-116.33	-0.01
	103	13.44	-0.01	35.84	-5.59	126.94	0.01
24	102	-4.65	0.02	23.48	2.44	-115.93	0.01
	103	4.65	-0.02	28.89	-2.44	118.91	0.01
25	102	-9.24	0.01	19.06	3.70	-113.22	0.00
	103	9.24	-0.01	33.31	-3.70	121.06	0.01
26	102	-8.69	0.01	20.55	4.03	-118.71	0.00
	103	8.69	-0.01	31.83	-4.03	124.91	0.01
27	102	-13.30	0.01	16.51	5.45	-116.58	-0.01
	103	13.30	-0.01	35.86	-5.45	127.22	0.01
28	102	-4.50	0.02	23.45	2.30	-116.18	0.01
	103	4.50	-0.02	28.92	-2.30	119.19	0.01
29	102	-8.83	0.01	19.19	3.31	-106.19	0.00
	103	8.83	-0.01	33.18	-3.31	113.89	0.01
30	102	-7.90	0.01	21.67	3.86	-115.34	0.00
	103	7.90	-0.01	30.70	-3.86	120.31	0.01
31	102	-15.58	0.00	14.94	6.21	-111.79	-0.01
	103	15.58	0.00	37.43	-6.21	124.16	0.01
32	102	-0.92	0.02	26.51	0.97	-111.13	0.02
	103	0.92	-0.02	25.86	-0.97	110.77	0.01
33	102	-7.68	0.01	21.44	3.40	-106.45	0.00
	103	7.68	-0.01	30.93	-3.40	111.67	0.01
34	102	-7.93	0.01	21.14	3.51	-108.43	0.00
	103	7.93	-0.01	31.23	-3.51	113.98	0.01
35	102	-7.78	0.01	21.14	3.33	-105.41	0.00

	103	7.78	-0.01	31.24	-3.33	110.97	0.01
36	102	-7.60	0.01	21.63	3.44	-107.24	0.00
	103	7.60	-0.01	30.74	-3.44	112.25	0.01
37	102	-9.13	0.01	20.29	3.91	-106.53	0.00
	103	9.13	-0.01	32.08	-3.91	113.02	0.01
38	102	-6.20	0.01	22.60	2.87	-106.40	0.01
	103	6.20	-0.01	29.77	-2.87	110.34	0.01
39	102	-7.68	0.01	21.44	3.40	-106.45	0.00
	103	7.68	-0.01	30.93	-3.40	111.67	0.01
40	102	-7.93	-0.04	-10.43	-0.33	54.15	-0.03
	103	7.93	0.04	10.43	0.33	-42.68	-0.01
41	102	-2.96	-0.01	-7.06	-1.61	53.09	0.01
	103	2.96	0.01	7.06	1.61	-45.32	-0.02
42	102	-72.53	-0.14	-57.43	16.14	3.59	-0.16
	103	72.53	0.14	57.43	-16.14	59.58	0.01
43	102	-90.99	-0.18	-71.47	19.61	5.61	-0.21
	103	90.99	0.18	71.47	-19.61	73.01	0.01
44	102	-37.36	-0.07	-6.22	7.91	-51.22	-0.08
	103	37.36	0.07	58.59	-7.91	86.86	0.00
45	102	6.15	0.01	28.24	-1.77	-53.38	0.02
	103	-6.15	-0.01	24.13	1.77	51.12	-0.01
46	102	-42.91	-0.08	-10.43	8.95	-50.62	-0.09
	103	42.91	0.08	62.80	-8.95	90.89	0.00
47	102	11.69	0.02	32.45	-2.81	-53.98	0.03
	103	-11.69	-0.02	19.92	2.81	47.09	-0.01
48	102	-21.50	0.01	14.64	8.58	-159.53	-0.01
	103	21.50	-0.01	37.73	-8.58	172.23	0.03
49	102	22.01	0.09	49.10	-1.11	-161.68	0.08
	103	-22.01	-0.09	3.28	1.11	136.48	0.02
50	102	-27.04	0.00	10.43	9.62	-158.92	-0.03
	103	27.04	0.00	41.94	-9.62	176.26	0.03
51	102	27.55	0.11	53.31	-2.15	-162.29	0.10
	103	-27.55	-0.11	-0.94	2.15	132.45	0.02
52	102	-32.40	-0.04	-2.85	6.63	-52.28	-0.04
	103	32.40	0.04	55.22	-6.63	84.22	-0.01
53	102	11.12	0.04	31.61	-3.05	-54.44	0.06
	103	-11.12	-0.04	20.76	3.05	48.48	-0.02
54	102	-37.94	-0.06	-7.06	7.67	-51.68	-0.05
	103	37.94	0.06	59.43	-7.67	88.25	-0.01
55	102	16.66	0.05	35.82	-4.09	-55.04	0.07
	103	-16.66	-0.05	16.55	4.09	44.45	-0.02
56	102	-26.47	-0.02	11.27	9.85	-158.46	-0.05
	103	26.47	0.02	41.10	-9.85	174.87	0.04
57	102	17.04	0.07	45.73	0.17	-160.62	0.04
	103	-17.04	-0.07	6.64	-0.17	139.12	0.03
58	102	-32.01	-0.03	7.06	10.90	-157.86	-0.07
	103	32.01	0.03	45.31	-10.90	178.90	0.04
59	102	22.58	0.08	49.94	-0.87	-161.22	0.06
	103	-22.58	-0.08	2.43	0.87	135.09	0.03
60	102	-82.58	-0.14	-39.12	19.44	-86.61	-0.17

		103	82.58	0.14	91.49	-19.44	158.45	0.01
61		102	-77.82	-0.11	-32.86	19.64	-119.10	-0.15
		103	77.82	0.11	85.23	-19.64	184.06	0.02
62		102	-81.09	-0.13	-38.11	19.06	-86.93	-0.15
		103	81.09	0.13	90.48	-19.06	157.65	0.01
63		102	-79.31	-0.12	-33.87	20.02	-118.78	-0.16
		103	79.31	0.12	86.24	-20.02	184.85	0.03
64		102	62.47	0.14	75.74	-12.84	-93.80	0.15
		103	-62.47	-0.14	-23.37	12.84	39.29	0.00
65		102	67.23	0.16	82.00	-12.64	-126.29	0.17
		103	-67.23	-0.16	-29.63	12.64	64.90	0.01
66		102	63.96	0.14	76.75	-13.22	-94.12	0.16
		103	-63.96	-0.14	-24.38	13.22	38.50	-0.01
67		102	65.74	0.15	80.99	-12.25	-125.97	0.16
		103	-65.74	-0.15	-28.62	12.25	65.69	0.01
68		102	-101.05	-0.18	-53.16	22.91	-84.60	-0.21
		103	101.05	0.18	105.53	-22.91	171.87	0.02
69		102	-96.29	-0.15	-46.90	23.11	-117.09	-0.20
		103	96.29	0.15	99.27	-23.11	197.48	0.03
70		102	-99.56	-0.17	-52.15	22.53	-84.92	-0.20
		103	99.56	0.17	104.52	-22.53	171.08	0.02
71		102	-97.78	-0.16	-47.91	23.49	-116.77	-0.21
		103	97.78	0.16	100.28	-23.49	198.28	0.03
72		102	80.94	0.18	89.78	-16.31	-95.81	0.20
		103	-80.94	-0.18	-37.41	16.31	25.86	-0.01
73		102	85.70	0.20	96.03	-16.11	-128.31	0.22
		103	-85.70	-0.20	-43.66	16.11	51.47	0.00
74		102	82.43	0.18	90.79	-16.69	-96.13	0.21
		103	-82.43	-0.18	-38.42	16.69	25.07	-0.01
75		102	84.21	0.19	95.02	-15.72	-127.99	0.21
		103	-84.21	-0.19	-42.65	15.72	52.26	0.00
134	1	103	-4.85	-0.03	25.90	2.54	-88.54	-0.01
		104	4.85	0.03	-5.00	-2.54	71.55	-0.03
2		103	-2.83	-0.01	19.11	0.86	-23.13	0.00
		104	2.83	0.01	12.36	-0.86	19.42	-0.01
3		103	-0.77	0.00	0.69	0.40	-5.48	0.00
		104	0.77	0.00	-0.69	-0.40	4.71	0.00
4		103	-1.25	-0.01	1.51	0.51	-11.51	0.00
		104	1.25	0.01	-1.51	-0.51	9.85	-0.01
5		103	-0.53	0.00	-1.69	-0.35	3.54	0.00
		104	0.53	0.00	1.69	0.35	-1.68	0.00
6		103	0.40	0.00	1.22	0.20	-2.88	0.00
		104	-0.40	0.00	-1.22	-0.20	1.54	0.00
7		103	-7.28	-0.01	-4.80	2.55	-6.74	0.00
		104	7.28	0.01	4.80	-2.55	12.01	-0.01
8		103	7.38	0.01	4.84	-2.69	6.65	0.00
		104	-7.38	-0.01	-4.84	2.69	-11.98	0.01
9		103	-12.55	-0.06	59.17	5.09	-158.84	-0.01
		104	12.55	0.06	8.91	-5.09	131.19	-0.05

10	103	-11.72	-0.07	61.79	5.58	-164.62	-0.02
	104	11.72	0.07	6.29	-5.58	134.09	-0.06
11	103	-18.63	-0.08	56.38	7.70	-168.08	-0.02
	104	18.63	0.08	11.71	-7.70	143.52	-0.07
12	103	-5.44	-0.05	65.05	2.99	-156.03	-0.01
	104	5.44	0.05	3.03	-2.99	121.92	-0.04
13	103	-12.33	-0.06	59.26	4.87	-159.25	-0.01
	104	12.33	0.06	8.82	-4.87	131.51	-0.05
14	103	-11.50	-0.07	61.89	5.37	-165.03	-0.02
	104	11.50	0.07	6.20	-5.37	134.40	-0.06
15	103	-18.41	-0.08	56.47	7.49	-168.50	-0.02
	104	18.41	0.08	11.61	-7.49	143.83	-0.07
16	103	-5.22	-0.05	65.14	2.77	-156.45	-0.01
	104	5.22	0.05	2.94	-2.77	122.24	-0.04
17	103	-11.71	-0.05	57.11	4.28	-148.50	-0.01
	104	11.71	0.05	10.97	-4.28	123.12	-0.05
18	103	-10.32	-0.07	61.49	5.10	-158.13	-0.02
	104	10.32	0.07	6.59	-5.10	127.94	-0.06
19	103	-21.84	-0.08	52.46	8.64	-163.91	-0.01
	104	21.84	0.08	15.63	-8.64	143.65	-0.07
20	103	0.15	-0.04	66.92	0.78	-143.83	-0.01
	104	-0.15	0.04	1.17	-0.78	107.66	-0.03
21	103	-9.39	-0.05	45.45	3.84	-120.78	-0.01
	104	9.39	0.05	6.92	-3.84	99.59	-0.04
22	103	-8.84	-0.05	47.20	4.17	-124.63	-0.01
	104	8.84	0.05	5.17	-4.17	101.52	-0.04
23	103	-13.44	-0.06	43.59	5.59	-126.94	-0.01
	104	13.44	0.06	8.79	-5.59	107.81	-0.05
24	103	-4.65	-0.04	49.37	2.44	-118.91	-0.01
	104	4.65	0.04	3.00	-2.44	93.41	-0.03
25	103	-9.24	-0.05	45.51	3.70	-121.06	-0.01
	104	9.24	0.05	6.86	-3.70	99.80	-0.04
26	103	-8.69	-0.05	47.26	4.03	-124.91	-0.01
	104	8.69	0.05	5.11	-4.03	101.73	-0.04
27	103	-13.30	-0.06	43.65	5.45	-127.22	-0.01
	104	13.30	0.06	8.72	-5.45	108.02	-0.05
28	103	-4.50	-0.04	49.43	2.30	-119.19	-0.01
	104	4.50	0.04	2.94	-2.30	93.62	-0.03
29	103	-8.83	-0.04	44.08	3.31	-113.89	-0.01
	104	8.83	0.04	8.29	-3.31	94.21	-0.04
30	103	-7.90	-0.05	46.99	3.86	-120.31	-0.01
	104	7.90	0.05	5.38	-3.86	97.42	-0.04
31	103	-15.58	-0.06	40.97	6.21	-124.16	-0.01
	104	15.58	0.06	11.40	-6.21	107.90	-0.05
32	103	-0.92	-0.03	50.61	0.97	-110.77	-0.01
	104	0.92	0.03	1.76	-0.97	83.90	-0.02
33	103	-7.68	-0.04	45.01	3.40	-111.67	-0.01
	104	7.68	0.04	7.36	-3.40	90.96	-0.04
34	103	-7.93	-0.04	45.32	3.51	-113.98	-0.01
	104	7.93	0.04	7.06	-3.51	92.93	-0.04

35	103	-7.78	-0.04	44.67	3.33	-110.97	-0.01
	104	7.78	0.04	7.70	-3.33	90.63	-0.04
36	103	-7.60	-0.04	45.26	3.44	-112.25	-0.01
	104	7.60	0.04	7.11	-3.44	91.27	-0.04
37	103	-9.13	-0.04	44.05	3.91	-113.02	-0.01
	104	9.13	0.04	8.32	-3.91	93.36	-0.04
38	103	-6.20	-0.04	45.98	2.87	-110.34	-0.01
	104	6.20	0.04	6.39	-2.87	88.57	-0.03
39	103	-7.68	-0.04	45.01	3.40	-111.67	-0.01
	104	7.68	0.04	7.36	-3.40	90.96	-0.04
40	103	-7.93	0.04	-16.95	-0.33	42.68	0.01
	104	7.93	-0.04	16.95	0.33	-24.03	0.03
41	103	-2.96	0.12	-13.71	-1.61	45.32	0.02
	104	2.96	-0.12	13.71	1.61	-30.24	0.10
42	103	-72.53	-0.18	-49.94	16.14	-59.58	-0.01
	104	72.53	0.18	49.94	-16.14	114.51	-0.19
43	103	-90.99	-0.25	-62.54	19.61	-73.01	-0.01
	104	90.99	0.25	62.54	-19.61	141.80	-0.26
44	103	-37.36	-0.06	13.08	7.91	-86.86	0.00
	104	37.36	0.06	39.29	-7.91	101.28	-0.07
45	103	6.15	0.05	43.04	-1.77	-51.12	0.01
	104	-6.15	-0.05	9.33	1.77	32.57	0.05
46	103	-42.91	-0.08	9.30	8.95	-90.89	0.00
	104	42.91	0.08	43.07	-8.95	109.47	-0.09
47	103	11.69	0.07	46.82	-2.81	-47.09	0.01
	104	-11.69	-0.07	5.55	2.81	24.39	0.07
48	103	-21.50	-0.14	46.98	8.58	-172.23	-0.03
	104	21.50	0.14	5.39	-8.58	149.35	-0.12
49	103	22.01	-0.03	76.95	-1.11	-136.48	-0.02
	104	-22.01	0.03	-24.58	1.11	80.64	-0.01
50	103	-27.04	-0.15	43.21	9.62	-176.26	-0.03
	104	27.04	0.15	9.16	-9.62	157.54	-0.14
51	103	27.55	-0.01	80.73	-2.15	-132.45	-0.02
	104	-27.55	0.01	-28.36	2.15	72.46	0.01
52	103	-32.40	0.02	16.32	6.63	-84.22	0.01
	104	32.40	-0.02	36.05	-6.63	95.08	0.01
53	103	11.12	0.13	46.28	-3.05	-48.48	0.02
	104	-11.12	-0.13	6.09	3.05	26.37	0.12
54	103	-37.94	0.00	12.54	7.67	-88.25	0.01
	104	37.94	0.00	39.83	-7.67	103.26	-0.01
55	103	16.66	0.15	50.06	-4.09	-44.45	0.02
	104	-16.66	-0.15	2.31	4.09	18.18	0.14
56	103	-26.47	-0.21	43.74	9.85	-174.87	-0.04
	104	26.47	0.21	8.63	-9.85	155.56	-0.20
57	103	17.04	-0.10	73.71	0.17	-139.12	-0.03
	104	-17.04	0.10	-21.34	-0.17	86.85	-0.08
58	103	-32.01	-0.23	39.96	10.90	-178.90	-0.04
	104	32.01	0.23	12.41	-10.90	163.74	-0.22
59	103	22.58	-0.08	77.49	-0.87	-135.09	-0.03
	104	-22.58	0.08	-25.12	0.87	78.66	-0.06

	60	103	-82.58	-0.21	-10.02	19.44	-158.45	-0.01
		104	82.58	0.21	62.39	-19.44	198.27	-0.22
	61	103	-77.82	-0.24	0.16	19.64	-184.06	-0.02
		104	77.82	0.24	52.21	-19.64	212.69	-0.24
	62	103	-81.09	-0.19	-9.04	19.06	-157.65	-0.01
		104	81.09	0.19	61.41	-19.06	196.41	-0.20
	63	103	-79.31	-0.26	-0.82	20.02	-184.85	-0.03
		104	79.31	0.26	53.19	-20.02	214.55	-0.26
	64	103	62.47	0.15	89.87	-12.84	-39.29	0.00
		104	-62.47	-0.15	-37.50	12.84	-30.76	0.16
	65	103	67.23	0.13	100.04	-12.64	-64.90	-0.01
		104	-67.23	-0.13	-47.67	12.64	-16.34	0.15
	66	103	63.96	0.17	90.84	-13.22	-38.50	0.01
		104	-63.96	-0.17	-38.47	13.22	-32.62	0.19
	67	103	65.74	0.11	99.07	-12.25	-65.69	-0.01
		104	-65.74	-0.11	-46.70	12.25	-14.48	0.12
	68	103	-101.05	-0.28	-22.61	22.91	-171.87	-0.02
		104	101.05	0.28	74.98	-22.91	225.55	-0.29
	69	103	-96.29	-0.30	-12.44	23.11	-197.48	-0.03
		104	96.29	0.30	64.81	-23.11	239.97	-0.30
	70	103	-99.56	-0.25	-21.64	22.53	-171.08	-0.02
		104	99.56	0.25	74.01	-22.53	223.69	-0.26
	71	103	-97.78	-0.32	-13.41	23.49	-198.28	-0.03
		104	97.78	0.32	65.78	-23.49	241.83	-0.33
	72	103	80.94	0.22	102.46	-16.31	-25.86	0.01
		104	-80.94	-0.22	-50.09	16.31	-58.05	0.23
	73	103	85.70	0.19	112.64	-16.11	-51.47	0.00
		104	-85.70	-0.19	-60.27	16.11	-43.63	0.21
	74	103	82.43	0.24	103.44	-16.69	-25.07	0.01
		104	-82.43	-0.24	-51.07	16.69	-59.91	0.25
	75	103	84.21	0.17	111.66	-15.72	-52.26	0.00
		104	-84.21	-0.17	-59.29	15.72	-41.76	0.19
135	1	104	-4.85	0.11	46.85	2.54	-71.55	0.03
		105	4.85	-0.11	-25.95	-2.54	31.51	0.09
	2	104	-2.83	0.05	22.88	0.86	-19.42	0.01
		105	2.83	-0.05	8.59	-0.86	11.56	0.04
	3	104	-0.77	0.01	2.15	0.40	-4.71	0.00
		105	0.77	-0.01	-2.15	-0.40	2.35	0.01
	4	104	-1.25	0.02	4.60	0.51	-9.85	0.01
		105	1.25	-0.02	-4.60	-0.51	4.79	0.02
	5	104	-0.53	-0.02	-1.93	-0.35	1.68	0.00
		105	0.53	0.02	1.93	0.35	0.45	-0.01
	6	104	0.40	0.02	1.53	0.20	-1.54	0.00
		105	-0.40	-0.02	-1.53	-0.20	-0.15	0.01
	7	104	-7.28	0.07	-3.44	2.55	-12.01	0.01
		105	7.28	-0.07	3.44	-2.55	15.79	0.06
	8	104	7.38	-0.07	3.49	-2.69	11.98	-0.01
		105	-7.38	0.07	-3.49	2.69	-15.82	-0.06
	9	104	-12.55	0.23	95.57	5.09	-131.19	0.05

	105	12.55	-0.23	-27.49	-5.09	63.51	0.20
10	104	-11.72	0.25	98.70	5.58	-134.09	0.06
	105	11.72	-0.25	-30.61	-5.58	62.97	0.22
11	104	-18.63	0.30	94.22	7.70	-143.52	0.07
	105	18.63	-0.30	-26.14	-7.70	77.32	0.26
12	104	-5.44	0.18	100.45	2.99	-121.92	0.04
	105	5.44	-0.18	-32.37	-2.99	48.87	0.16
13	104	-12.33	0.23	95.80	4.87	-131.51	0.05
	105	12.33	-0.23	-27.72	-4.87	63.57	0.20
14	104	-11.50	0.25	98.92	5.37	-134.40	0.06
	105	11.50	-0.25	-30.84	-5.37	63.04	0.22
15	104	-18.41	0.30	94.45	7.49	-143.83	0.07
	105	18.41	-0.30	-26.37	-7.49	77.39	0.26
16	104	-5.22	0.18	100.68	2.77	-122.24	0.04
	105	5.22	-0.18	-32.60	-2.77	48.93	0.16
17	104	-11.71	0.20	91.19	4.28	-123.12	0.05
	105	11.71	-0.20	-23.11	-4.28	60.25	0.17
18	104	-10.32	0.24	96.39	5.10	-127.94	0.06
	105	10.32	-0.24	-28.31	-5.10	59.36	0.21
19	104	-21.84	0.32	88.93	8.64	-143.65	0.07
	105	21.84	-0.32	-20.85	-8.64	83.27	0.28
20	104	0.15	0.12	99.32	0.78	-107.66	0.03
	105	-0.15	-0.12	-31.24	-0.78	35.85	0.10
21	104	-9.39	0.17	73.01	3.84	-99.59	0.04
	105	9.39	-0.17	-20.64	-3.84	48.08	0.15
22	104	-8.84	0.19	75.09	4.17	-101.52	0.04
	105	8.84	-0.19	-22.72	-4.17	47.72	0.17
23	104	-13.44	0.22	72.11	5.59	-107.81	0.05
	105	13.44	-0.22	-19.74	-5.59	57.29	0.19
24	104	-4.65	0.14	76.27	2.44	-93.41	0.03
	105	4.65	-0.14	-23.90	-2.44	38.32	0.12
25	104	-9.24	0.17	73.16	3.70	-99.80	0.04
	105	9.24	-0.17	-20.79	-3.70	48.13	0.15
26	104	-8.69	0.19	75.24	4.03	-101.73	0.04
	105	8.69	-0.19	-22.87	-4.03	47.77	0.16
27	104	-13.30	0.22	72.26	5.45	-108.02	0.05
	105	13.30	-0.22	-19.89	-5.45	57.33	0.19
28	104	-4.50	0.14	76.42	2.30	-93.62	0.03
	105	4.50	-0.14	-24.05	-2.30	38.37	0.12
29	104	-8.83	0.15	70.09	3.31	-94.21	0.04
	105	8.83	-0.15	-17.72	-3.31	45.91	0.13
30	104	-7.90	0.18	73.56	3.86	-97.42	0.04
	105	7.90	-0.18	-21.19	-3.86	45.31	0.16
31	104	-15.58	0.23	68.59	6.21	-107.90	0.05
	105	15.58	-0.23	-16.21	-6.21	61.26	0.20
32	104	-0.92	0.10	75.51	0.97	-83.90	0.02
	105	0.92	-0.10	-23.14	-0.97	29.65	0.09
33	104	-7.68	0.16	69.72	3.40	-90.96	0.04
	105	7.68	-0.16	-17.35	-3.40	43.07	0.14
34	104	-7.93	0.16	70.64	3.51	-92.93	0.04

	105	7.93	-0.16	-18.27	-3.51	44.03	0.14
35	104	-7.78	0.15	69.34	3.33	-90.63	0.04
	105	7.78	-0.15	-16.97	-3.33	43.16	0.13
36	104	-7.60	0.16	70.03	3.44	-91.27	0.04
	105	7.60	-0.16	-17.66	-3.44	43.04	0.14
37	104	-9.13	0.17	69.04	3.91	-93.36	0.04
	105	9.13	-0.17	-16.67	-3.91	46.23	0.15
38	104	-6.20	0.14	70.42	2.87	-88.57	0.03
	105	6.20	-0.14	-18.05	-2.87	39.91	0.12
39	104	-7.68	0.16	69.72	3.40	-90.96	0.04
	105	7.68	-0.16	-17.35	-3.40	43.07	0.14
40	104	-7.93	-0.11	-24.11	-0.33	24.03	-0.03
	105	7.93	0.11	24.11	0.33	2.48	-0.10
41	104	-2.96	-0.45	-21.04	-1.61	30.24	-0.10
	105	2.96	0.45	21.04	1.61	-7.09	-0.39
42	104	-72.53	0.87	-39.42	16.14	-114.51	0.19
	105	72.53	-0.87	39.42	-16.14	157.88	0.76
43	104	-90.99	1.16	-49.99	19.61	-141.80	0.26
	105	90.99	-1.16	49.99	-19.61	196.79	1.02
44	104	-37.36	0.30	33.79	7.91	-101.28	0.07
	105	37.36	-0.30	18.58	-7.91	92.92	0.27
45	104	6.15	-0.22	57.44	-1.77	-32.57	-0.05
	105	-6.15	0.22	-5.07	1.77	-1.81	-0.19
46	104	-42.91	0.39	30.62	8.95	-109.47	0.09
	105	42.91	-0.39	21.75	-8.95	104.59	0.35
47	104	11.69	-0.31	60.61	-2.81	-24.39	-0.07
	105	-11.69	0.31	-8.24	2.81	-13.48	-0.27
48	104	-21.50	0.53	82.00	8.58	-149.35	0.12
	105	21.50	-0.53	-29.63	-8.58	87.95	0.46
49	104	22.01	0.01	105.66	-1.11	-80.64	0.01
	105	-22.01	-0.01	-53.29	1.11	-6.78	0.00
50	104	-27.04	0.62	78.83	9.62	-157.54	0.14
	105	27.04	-0.62	-26.46	-9.62	99.62	0.54
51	104	27.55	-0.08	108.83	-2.15	-72.46	-0.01
	105	-27.55	0.08	-56.46	2.15	-18.45	-0.07
52	104	-32.40	-0.03	36.86	6.63	-95.08	-0.01
	105	32.40	0.03	15.52	-6.63	83.34	-0.02
53	104	11.12	-0.55	60.51	-3.05	-26.37	-0.12
	105	-11.12	0.55	-8.14	3.05	-11.39	-0.48
54	104	-37.94	0.06	33.69	7.67	-103.26	0.01
	105	37.94	-0.06	18.69	-7.67	95.01	0.05
55	104	16.66	-0.64	63.68	-4.09	-18.18	-0.14
	105	-16.66	0.64	-11.31	4.09	-23.06	-0.56
56	104	-26.47	0.86	78.94	9.85	-155.56	0.20
	105	26.47	-0.86	-26.57	-9.85	97.53	0.75
57	104	17.04	0.34	102.59	0.17	-86.85	0.08
	105	-17.04	-0.34	-50.22	-0.17	2.80	0.29
58	104	-32.01	0.95	75.77	10.90	-163.74	0.22
	105	32.01	-0.95	-23.40	-10.90	109.20	0.83
59	104	22.58	0.25	105.76	-0.87	-78.66	0.06

	105	-22.58	-0.25	-53.39	0.87	-8.87	0.22	
60	104	-82.58	0.99	23.07	19.44	-198.27	0.22	
	105	82.58	-0.99	29.30	-19.44	201.69	0.87	
61	104	-77.82	1.06	37.53	19.64	-212.69	0.24	
	105	77.82	-1.06	14.84	-19.64	200.20	0.92	
62	104	-81.09	0.89	23.99	19.06	-196.41	0.20	
	105	81.09	-0.89	28.38	-19.06	198.82	0.78	
63	104	-79.31	1.16	36.62	20.02	-214.55	0.26	
	105	79.31	-1.16	15.76	-20.02	203.08	1.01	
64	104	62.47	-0.74	101.91	-12.84	30.76	-0.16	
	105	-62.47	0.74	-49.54	12.84	-114.06	-0.65	
65	104	67.23	-0.68	116.38	-12.64	16.34	-0.15	
	105	-67.23	0.68	-64.01	12.64	-115.55	-0.60	
66	104	63.96	-0.84	102.83	-13.22	32.62	-0.19	
	105	-63.96	0.84	-50.46	13.22	-116.94	-0.74	
67	104	65.74	-0.58	115.46	-12.25	14.48	-0.12	
	105	-65.74	0.58	-63.09	12.25	-112.68	-0.51	
68	104	-101.05	1.29	12.50	22.91	-225.55	0.29	
	105	101.05	-1.29	39.87	-22.91	240.60	1.13	
69	104	-96.29	1.35	26.97	23.11	-239.97	0.30	
	105	96.29	-1.35	25.40	-23.11	239.11	1.19	
70	104	-99.56	1.19	13.42	22.53	-223.69	0.26	
	105	99.56	-1.19	38.95	-22.53	237.73	1.04	
71	104	-97.78	1.45	26.05	23.49	-241.83	0.33	
	105	97.78	-1.45	26.32	-23.49	241.98	1.27	
72	104	80.94	-1.04	112.48	-16.31	58.05	-0.23	
	105	-80.94	1.04	-60.11	16.31	-152.97	-0.91	
73	104	85.70	-0.97	126.94	-16.11	43.63	-0.21	
	105	-85.70	0.97	-74.57	16.11	-154.46	-0.86	
74	104	82.43	-1.14	113.40	-16.69	59.91	-0.25	
	105	-82.43	1.14	-61.03	16.69	-155.84	-1.00	
75	104	84.21	-0.87	126.02	-15.72	41.76	-0.19	
	105	-84.21	0.87	-73.65	15.72	-151.59	-0.77	
136	1	105	-4.85	-0.81	68.97	2.54	-31.51	-0.09
		11	4.85	0.81	-56.15	-2.54	-10.72	-0.46
	2	105	-2.83	-0.35	26.94	0.86	-11.56	-0.04
		11	2.83	0.35	-7.63	-0.86	-0.11	-0.20
	3	105	-0.77	-0.10	3.67	0.40	-2.35	-0.01
		11	0.77	0.10	-3.67	-0.40	-0.13	-0.05
	4	105	-1.25	-0.19	7.83	0.51	-4.79	-0.02
		11	1.25	0.19	-7.83	-0.51	-0.50	-0.10
	5	105	-0.53	0.12	-2.25	-0.35	-0.45	0.01
		11	0.53	-0.12	2.25	0.35	1.97	0.07
	6	105	0.40	-0.11	1.90	0.20	0.15	-0.01
		11	-0.40	0.11	-1.90	-0.20	-1.43	-0.06
	7	105	-7.28	-0.50	-1.64	2.55	-15.79	-0.06
		11	7.28	0.50	1.64	-2.55	16.90	-0.28
	8	105	7.38	0.50	1.69	-2.69	15.82	0.06
		11	-7.38	-0.50	-1.69	2.69	-16.96	0.28

9	105	-12.55	-1.69	134.04	5.09	-63.51	-0.20
	11	12.55	1.69	-92.26	-5.09	-12.87	-0.95
10	105	-11.72	-1.90	137.77	5.58	-62.97	-0.22
	11	11.72	1.90	-96.00	-5.58	-15.93	-1.06
11	105	-18.63	-2.25	134.59	7.70	-77.32	-0.26
	11	18.63	2.25	-92.81	-7.70	0.57	-1.26
12	105	-5.44	-1.35	137.59	2.99	-48.87	-0.16
	11	5.44	1.35	-95.81	-2.99	-29.91	-0.75
13	105	-12.33	-1.69	134.40	4.87	-63.57	-0.20
	11	12.33	1.69	-92.63	-4.87	-13.05	-0.94
14	105	-11.50	-1.90	138.14	5.37	-63.04	-0.22
	11	11.50	1.90	-96.36	-5.37	-16.11	-1.06
15	105	-18.41	-2.25	134.96	7.49	-77.39	-0.26
	11	18.41	2.25	-93.18	-7.49	0.39	-1.26
16	105	-5.22	-1.34	137.95	2.77	-48.93	-0.16
	11	5.22	1.34	-96.18	-2.77	-30.08	-0.75
17	105	-11.71	-1.47	127.18	4.28	-60.25	-0.17
	11	11.71	1.47	-85.40	-4.28	-11.49	-0.82
18	105	-10.32	-1.82	133.40	5.10	-59.36	-0.21
	11	10.32	1.82	-91.62	-5.10	-16.59	-1.02
19	105	-21.84	-2.41	128.10	8.64	-83.27	-0.28
	11	21.84	2.41	-86.32	-8.64	10.91	-1.35
20	105	0.15	-0.90	133.10	0.78	-35.85	-0.10
	11	-0.15	0.90	-91.32	-0.78	-39.88	-0.50
21	105	-9.39	-1.28	102.15	3.84	-48.08	-0.15
	11	9.39	1.28	-70.01	-3.84	-10.02	-0.72
22	105	-8.84	-1.42	104.64	4.17	-47.72	-0.17
	11	8.84	1.42	-72.50	-4.17	-12.06	-0.80
23	105	-13.44	-1.66	102.52	5.59	-57.29	-0.19
	11	13.44	1.66	-70.38	-5.59	-1.06	-0.93
24	105	-4.65	-1.05	104.51	2.44	-38.32	-0.12
	11	4.65	1.05	-72.38	-2.44	-21.38	-0.59
25	105	-9.24	-1.28	102.39	3.70	-48.13	-0.15
	11	9.24	1.28	-70.25	-3.70	-10.14	-0.72
26	105	-8.69	-1.42	104.88	4.03	-47.77	-0.16
	11	8.69	1.42	-72.74	-4.03	-12.18	-0.79
27	105	-13.30	-1.65	102.76	5.45	-57.33	-0.19
	11	13.30	1.65	-70.62	-5.45	-1.18	-0.93
28	105	-4.50	-1.05	104.76	2.30	-38.37	-0.12
	11	4.50	1.05	-72.62	-2.30	-21.50	-0.59
29	105	-8.83	-1.14	97.57	3.31	-45.91	-0.13
	11	8.83	1.14	-65.44	-3.31	-9.10	-0.64
30	105	-7.90	-1.37	101.72	3.86	-45.31	-0.16
	11	7.90	1.37	-69.59	-3.86	-12.50	-0.77
31	105	-15.58	-1.76	98.19	6.21	-61.26	-0.20
	11	15.58	1.76	-66.05	-6.21	5.83	-0.99
32	105	-0.92	-0.76	101.52	0.97	-29.65	-0.09
	11	0.92	0.76	-69.38	-0.97	-28.03	-0.42
33	105	-7.68	-1.17	95.91	3.40	-43.07	-0.14
	11	7.68	1.17	-63.77	-3.40	-10.82	-0.65

34	105	-7.93	-1.20	97.48	3.51	-44.03	-0.14
	11	7.93	1.20	-65.34	-3.51	-10.92	-0.67
35	105	-7.78	-1.14	95.46	3.33	-43.16	-0.13
	11	7.78	1.14	-63.32	-3.33	-10.43	-0.64
36	105	-7.60	-1.19	96.29	3.44	-43.04	-0.14
	11	7.60	1.19	-64.15	-3.44	-11.11	-0.66
37	105	-9.13	-1.27	95.58	3.91	-46.23	-0.15
	11	9.13	1.27	-63.44	-3.91	-7.44	-0.71
38	105	-6.20	-1.07	96.25	2.87	-39.91	-0.12
	11	6.20	1.07	-64.11	-2.87	-14.21	-0.60
39	105	-7.68	-1.17	95.91	3.40	-43.07	-0.14
	11	7.68	1.17	-63.77	-3.40	-10.82	-0.65
40	105	-7.93	0.83	-31.98	-0.33	-2.48	0.10
	11	7.93	-0.83	31.98	0.33	24.07	0.46
41	105	-2.96	3.35	-29.17	-1.61	7.09	0.39
	11	2.96	-3.35	29.17	1.61	12.60	1.87
42	105	-72.53	-6.58	-25.40	16.14	-157.88	-0.76
	11	72.53	6.58	25.40	-16.14	175.02	-3.68
43	105	-90.99	-8.84	-33.24	19.61	-196.79	-1.02
	11	90.99	8.84	33.24	-19.61	219.22	-4.95
44	105	-37.36	-2.31	56.31	7.91	-92.92	-0.27
	11	37.36	2.31	-24.17	-7.91	65.75	-1.30
45	105	6.15	1.64	71.55	-1.77	1.81	0.19
	11	-6.15	-1.64	-39.41	1.77	-39.26	0.91
46	105	-42.91	-2.99	53.96	8.95	-104.59	-0.35
	11	42.91	2.99	-21.82	-8.95	79.01	-1.67
47	105	11.69	2.31	73.90	-2.81	13.48	0.27
	11	-11.69	-2.31	-41.77	2.81	-52.52	1.29
48	105	-21.50	-3.97	120.27	8.58	-87.95	-0.46
	11	21.50	3.97	-88.13	-8.58	17.62	-2.22
49	105	22.01	-0.02	135.51	-1.11	6.78	0.00
	11	-22.01	0.02	-103.37	1.11	-87.40	-0.01
50	105	-27.04	-4.65	117.91	9.62	-99.62	-0.54
	11	27.04	4.65	-85.78	-9.62	30.88	-2.60
51	105	27.55	0.66	137.86	-2.15	18.45	0.07
	11	-27.55	-0.66	-105.72	2.15	-100.66	0.37
52	105	-32.40	0.21	59.12	6.63	-83.34	0.02
	11	32.40	-0.21	-26.98	-6.63	54.28	0.11
53	105	11.12	4.16	74.36	-3.05	11.39	0.48
	11	-11.12	-4.16	-42.22	3.05	-50.73	2.33
54	105	-37.94	-0.47	56.77	7.67	-95.01	-0.05
	11	37.94	0.47	-24.63	-7.67	67.54	-0.26
55	105	16.66	4.83	76.71	-4.09	23.06	0.56
	11	-16.66	-4.83	-44.58	4.09	-63.99	2.70
56	105	-26.47	-6.49	117.46	9.85	-97.53	-0.75
	11	26.47	6.49	-85.32	-9.85	29.09	-3.63
57	105	17.04	-2.54	132.70	0.17	-2.80	-0.29
	11	-17.04	2.54	-100.56	-0.17	-75.93	-1.42
58	105	-32.01	-7.17	115.11	10.90	-109.20	-0.83
	11	32.01	7.17	-82.97	-10.90	42.35	-4.01

59	105	22.58	-1.86	135.05	-0.87	8.87	-0.22	
	11	-22.58	1.86	-102.91	0.87	-89.19	-1.04	
60	105	-82.58	-7.50	60.92	19.44	-201.69	-0.87	
	11	82.58	7.50	-28.78	-19.44	171.42	-4.20	
61	105	-77.82	-8.00	80.10	19.64	-200.20	-0.92	
	11	77.82	8.00	-47.97	-19.64	156.98	-4.47	
62	105	-81.09	-6.75	61.76	19.06	-198.82	-0.78	
	11	81.09	6.75	-29.62	-19.06	167.98	-3.77	
63	105	-79.31	-8.75	79.26	20.02	-203.08	-1.01	
	11	79.31	8.75	-47.12	-20.02	160.42	-4.90	
64	105	62.47	5.67	111.71	-12.84	114.06	0.65	
	11	-62.47	-5.67	-79.58	12.84	-178.62	3.17	
65	105	67.23	5.17	130.90	-12.64	115.55	0.60	
	11	-67.23	-5.17	-98.77	12.64	-193.06	2.89	
66	105	63.96	6.42	112.56	-13.22	116.94	0.74	
	11	-63.96	-6.42	-80.42	13.22	-182.07	3.59	
67	105	65.74	4.41	130.06	-12.25	112.68	0.51	
	11	-65.74	-4.41	-97.92	12.25	-189.62	2.47	
68	105	-101.05	-9.76	53.07	22.91	-240.60	-1.13	
	11	101.05	9.76	-20.94	-22.91	215.62	-5.46	
69	105	-96.29	-10.26	72.26	23.11	-239.11	-1.19	
	11	96.29	10.26	-40.12	-23.11	201.18	-5.74	
70	105	-99.56	-9.01	53.92	22.53	-237.73	-1.04	
	11	99.56	9.01	-21.78	-22.53	212.18	-5.04	
71	105	-97.78	-11.01	71.42	23.49	-241.98	-1.27	
	11	97.78	11.01	-39.28	-23.49	204.62	-6.16	
72	105	80.94	7.93	119.56	-16.31	152.97	0.91	
	11	-80.94	-7.93	-87.42	16.31	-222.83	4.44	
73	105	85.70	7.43	138.75	-16.11	154.46	0.86	
	11	-85.70	-7.43	-106.61	16.11	-237.27	4.16	
74	105	82.43	8.68	120.40	-16.69	155.84	1.00	
	11	-82.43	-8.68	-88.26	16.69	-226.27	4.86	
75	105	84.21	6.67	137.90	-15.72	151.59	0.77	
	11	-84.21	-6.67	-105.77	15.72	-233.82	3.74	
137	1	2	-3.53	0.00	-34.58	-0.76	-8.29	0.00
		106	3.53	0.00	44.03	0.76	34.82	0.00
2	2	2	-2.06	0.00	-8.89	-0.34	-4.12	0.00
		106	2.06	0.00	23.06	0.34	14.91	0.00
3	2	2	-0.35	0.00	-1.97	-0.09	-1.11	0.00
		106	0.35	0.00	1.97	0.09	2.44	0.00
4	2	2	-0.46	0.00	-4.69	-0.10	-1.37	0.00
		106	0.46	0.00	4.69	0.10	4.53	0.00
5	2	2	-0.07	-0.08	0.27	0.19	0.25	-0.23
		106	0.07	0.08	-0.27	-0.19	-0.43	0.17
6	2	2	0.08	0.08	-0.34	-0.16	-0.05	0.23
		106	-0.08	-0.08	0.34	0.16	0.28	-0.17
7	2	2	-8.44	0.00	-2.16	0.60	8.62	-0.01
		106	8.44	0.00	2.16	-0.60	-7.16	0.00
8	2	2	8.52	0.00	1.74	-0.56	-8.27	0.01

	106	-8.52	0.00	-1.74	0.56	7.09	0.00
9	2	-8.20	-0.07	-62.74	-1.46	-18.61	-0.21
	106	8.20	0.07	93.45	1.46	71.32	0.16
10	2	-8.07	0.07	-63.29	-1.78	-18.88	0.20
	106	8.07	-0.07	93.99	1.78	71.96	-0.15
11	2	-15.73	0.00	-64.93	-1.10	-11.08	-0.01
	106	15.73	0.00	95.63	1.10	65.26	0.01
12	2	-0.47	0.00	-61.42	-2.14	-26.27	0.00
	106	0.47	0.00	92.12	2.14	78.09	0.00
13	2	-8.02	-0.07	-63.30	-1.40	-17.97	-0.21
	106	8.02	0.07	94.01	1.40	71.06	0.16
14	2	-7.89	0.07	-63.85	-1.71	-18.24	0.19
	106	7.89	-0.07	94.55	1.71	71.70	-0.15
15	2	-15.55	0.00	-65.49	-1.03	-10.44	-0.01
	106	15.55	0.00	96.19	1.03	65.00	0.01
16	2	-0.29	0.00	-61.98	-2.07	-25.63	0.00
	106	0.29	0.00	92.68	2.07	77.83	0.01
17	2	-7.72	-0.12	-59.63	-1.21	-16.79	-0.35
	106	7.72	0.12	90.33	1.21	67.40	0.27
18	2	-7.50	0.12	-60.54	-1.73	-17.24	0.33
	106	7.50	-0.12	91.24	1.73	68.47	-0.25
19	2	-20.27	-0.01	-63.27	-0.60	-4.24	-0.01
	106	20.27	0.01	93.97	0.60	57.30	0.01
20	2	5.16	0.01	-57.42	-2.33	-29.57	0.00
	106	-5.16	-0.01	88.12	2.33	78.69	0.00
21	2	-6.21	-0.05	-47.62	-1.12	-14.06	-0.14
	106	6.21	0.05	71.24	1.12	54.18	0.11
22	2	-6.12	0.05	-47.99	-1.33	-14.24	0.13
	106	6.12	-0.05	71.61	1.33	54.61	-0.10
23	2	-11.23	0.00	-49.08	-0.88	-9.04	-0.01
	106	11.23	0.00	72.70	0.88	50.14	0.01
24	2	-1.06	0.00	-46.74	-1.57	-19.17	0.00
	106	1.06	0.00	70.36	1.57	58.69	0.00
25	2	-6.09	-0.05	-48.00	-1.08	-13.63	-0.14
	106	6.09	0.05	71.62	1.08	54.00	0.11
26	2	-6.00	0.05	-48.36	-1.29	-13.82	0.13
	106	6.00	-0.05	71.98	1.29	54.43	-0.10
27	2	-11.11	0.00	-49.45	-0.83	-8.61	-0.01
	106	11.11	0.00	73.07	0.83	49.96	0.01
28	2	-0.94	0.00	-47.11	-1.53	-18.74	0.00
	106	0.94	0.00	70.73	1.53	58.52	0.00
29	2	-5.89	-0.08	-45.55	-0.95	-12.85	-0.23
	106	5.89	0.08	69.17	0.95	51.56	0.18
30	2	-5.74	0.08	-46.15	-1.30	-13.15	0.22
	106	5.74	-0.08	69.77	1.30	52.28	-0.17
31	2	-14.26	0.00	-47.97	-0.54	-4.48	-0.01
	106	14.26	0.00	71.59	0.54	44.83	0.01
32	2	2.70	0.01	-44.07	-1.70	-21.37	0.00
	106	-2.70	-0.01	67.69	1.70	59.09	0.00
33	2	-5.59	0.00	-43.47	-1.09	-12.42	0.00

	106	5.59	0.00	67.09	1.09	49.73	0.00
34	2	-5.68	0.00	-44.41	-1.11	-12.69	0.00
	106	5.68	0.00	68.03	1.11	50.64	0.00
35	2	-5.61	-0.01	-43.42	-1.05	-12.37	-0.05
	106	5.61	0.01	67.03	1.05	49.64	0.04
36	2	-5.58	0.02	-43.54	-1.12	-12.43	0.04
	106	5.58	-0.02	67.16	1.12	49.79	-0.03
37	2	-7.28	0.00	-43.90	-0.97	-10.69	0.00
	106	7.28	0.00	67.52	0.97	48.30	0.00
38	2	-3.89	0.00	-43.12	-1.20	-14.07	0.00
	106	3.89	0.00	66.74	1.20	51.15	0.00
39	2	-5.59	0.00	-43.47	-1.09	-12.42	0.00
	106	5.59	0.00	67.09	1.09	49.73	0.00
40	2	-0.57	-1.61	8.56	2.63	-3.32	-4.52
	106	0.57	1.61	-8.56	-2.63	-2.45	3.43
41	2	-2.62	-1.91	8.60	2.93	-2.67	-5.46
	106	2.62	1.91	-8.60	-2.93	-3.14	4.17
42	2	-65.73	-0.29	-11.20	3.68	63.73	-0.66
	106	65.73	0.29	11.20	-3.68	-56.17	0.46
43	2	-78.13	-0.20	-13.26	4.67	74.69	-0.30
	106	78.13	0.20	13.26	-4.67	-65.74	0.16
44	2	-25.88	-1.70	-38.27	2.64	3.38	-4.72
	106	25.88	1.70	61.89	-2.64	30.42	3.57
45	2	13.56	-1.52	-31.55	0.44	-34.86	-4.32
	106	-13.56	1.52	55.17	-0.44	64.13	3.30
46	2	-29.60	-1.67	-38.89	2.94	6.67	-4.61
	106	29.60	1.67	62.51	-2.94	27.55	3.48
47	2	17.28	-1.55	-30.93	0.14	-38.15	-4.43
	106	-17.28	1.55	54.55	-0.14	67.00	3.39
48	2	-24.74	1.53	-55.39	-2.62	10.03	4.32
	106	24.74	-1.53	79.01	2.62	35.33	-3.29
49	2	14.70	1.70	-48.67	-4.83	-28.21	4.71
	106	-14.70	-1.70	72.29	4.83	69.03	-3.56
50	2	-28.46	1.55	-56.01	-2.33	13.31	4.43
	106	28.46	-1.55	79.63	2.33	32.46	-3.38
51	2	18.42	1.67	-48.05	-5.13	-31.50	4.60
	106	-18.42	-1.67	71.67	5.13	71.90	-3.47
52	2	-27.93	-2.00	-38.23	2.94	4.03	-5.65
	106	27.93	2.00	61.85	-2.94	29.74	4.31
53	2	11.51	-1.82	-31.51	0.74	-34.20	-5.26
	106	-11.51	1.82	55.13	-0.74	63.44	4.03
54	2	-31.65	-1.97	-38.85	3.24	7.32	-5.55
	106	31.65	1.97	62.47	-3.24	26.87	4.22
55	2	15.23	-1.85	-30.89	0.44	-37.49	-5.37
	106	-15.23	1.85	54.51	-0.44	66.31	4.12
56	2	-22.69	1.83	-55.43	-2.92	9.37	5.26
	106	22.69	-1.83	79.05	2.92	36.02	-4.02
57	2	16.75	2.00	-48.71	-5.13	-28.87	5.65
	106	-16.75	-2.00	72.33	5.13	69.72	-4.30
58	2	-26.41	1.85	-56.05	-2.62	12.66	5.36

		106	26.41	-1.85	79.67	2.62	33.15	-4.11
59		2	20.47	1.97	-48.09	-5.42	-32.15	5.54
		106	-20.47	-1.97	71.71	5.42	72.59	-4.21
60		2	-71.49	-0.77	-52.11	3.37	50.32	-2.01
		106	71.49	0.77	75.72	-3.37	-7.17	1.49
61		2	-71.15	0.20	-57.24	1.79	52.31	0.70
		106	71.15	-0.20	80.86	-1.79	-5.70	-0.57
62		2	-72.11	-0.86	-52.09	3.46	50.51	-2.29
		106	72.11	0.86	75.71	-3.46	-7.38	1.71
63		2	-70.53	0.29	-57.25	1.70	52.11	0.98
		106	70.53	-0.29	80.87	-1.70	-5.50	-0.79
64		2	59.97	-0.19	-29.70	-3.98	-77.14	-0.70
		106	-59.97	0.19	53.32	3.98	105.16	0.57
65		2	60.31	0.78	-34.83	-5.56	-75.15	2.01
		106	-60.31	-0.78	58.45	5.56	106.63	-1.49
66		2	59.35	-0.28	-29.69	-3.89	-76.95	-0.98
		106	-59.35	0.28	53.30	3.89	104.96	0.79
67		2	60.92	0.87	-34.85	-5.65	-75.35	2.29
		106	-60.92	-0.87	58.46	5.65	106.84	-1.71
68		2	-83.89	-0.68	-54.16	4.36	61.27	-1.65
		106	83.89	0.68	77.78	-4.36	-16.74	1.19
69		2	-83.55	0.28	-59.30	2.78	63.27	1.06
		106	83.55	-0.28	82.92	-2.78	-15.27	-0.87
70		2	-84.50	-0.77	-54.15	4.45	61.47	-1.94
		106	84.50	0.77	77.77	-4.45	-16.95	1.41
71		2	-82.93	0.37	-59.31	2.70	63.07	1.34
		106	82.93	-0.37	82.93	-2.70	-15.06	-1.09
72		2	72.37	-0.28	-27.64	-4.97	-88.10	-1.06
		106	-72.37	0.28	51.26	4.97	114.73	0.87
73		2	72.71	0.69	-32.77	-6.55	-86.11	1.65
		106	-72.71	-0.69	56.39	6.55	116.20	-1.19
74		2	71.75	-0.37	-27.63	-4.88	-87.90	-1.34
		106	-71.75	0.37	51.25	4.88	114.52	1.09
75		2	73.32	0.78	-32.79	-6.64	-86.30	1.93
		106	-73.32	-0.78	56.40	6.64	116.41	-1.41

138	1	106	-3.53	0.00	-9.86	-0.76	-34.82	0.00
		107	3.53	0.00	25.26	0.76	54.13	0.00
	2	106	-2.06	0.00	6.80	-0.34	-14.91	0.00
		107	2.06	0.00	16.29	0.34	20.13	0.00
	3	106	-0.35	0.00	-0.62	-0.09	-2.44	0.00
		107	0.35	0.00	0.62	0.09	3.12	0.00
	4	106	-0.46	0.00	-2.05	-0.10	-4.53	0.00
		107	0.46	0.00	2.05	0.10	6.78	0.00
	5	106	-0.07	-0.08	0.15	0.19	0.43	-0.17
		107	0.07	0.08	-0.15	-0.19	-0.59	0.08
	6	106	0.08	0.08	-0.24	-0.16	-0.28	0.17
		107	-0.08	-0.08	0.24	0.16	0.55	-0.08
	7	106	-8.44	0.00	-2.66	0.60	7.16	0.00
		107	8.44	0.00	2.66	-0.60	-4.23	0.00

8	106	8.52	0.00	2.27	-0.56	-7.09	0.00
	107	-8.52	0.00	-2.27	0.56	4.60	0.00
9	106	-8.20	-0.07	-6.31	-1.46	-71.32	-0.16
	107	8.20	0.07	56.34	1.46	105.78	0.08
10	106	-8.07	0.07	-6.65	-1.78	-71.96	0.15
	107	8.07	-0.07	56.69	1.78	106.80	-0.07
11	106	-15.73	0.00	-8.84	-1.10	-65.26	-0.01
	107	15.73	0.00	58.87	1.10	102.50	0.01
12	106	-0.47	0.00	-4.40	-2.14	-78.09	0.00
	107	0.47	0.00	54.43	2.14	110.45	0.01
13	106	-8.02	-0.07	-6.91	-1.40	-71.06	-0.16
	107	8.02	0.07	56.95	1.40	106.18	0.08
14	106	-7.89	0.07	-7.26	-1.71	-71.70	0.15
	107	7.89	-0.07	57.30	1.71	107.21	-0.07
15	106	-15.55	0.00	-9.44	-1.03	-65.00	-0.01
	107	15.55	0.00	59.48	1.03	102.91	0.01
16	106	-0.29	0.00	-5.00	-2.07	-77.83	-0.01
	107	0.29	0.00	55.04	2.07	110.85	0.01
17	106	-7.72	-0.12	-5.29	-1.21	-67.40	-0.27
	107	7.72	0.12	55.33	1.21	100.74	0.13
18	106	-7.50	0.12	-5.87	-1.73	-68.47	0.25
	107	7.50	-0.12	55.91	1.73	102.45	-0.12
19	106	-20.27	-0.01	-9.51	-0.60	-57.30	-0.01
	107	20.27	0.01	59.54	0.60	95.28	0.00
20	106	5.16	0.01	-2.11	-2.33	-78.69	0.00
	107	-5.16	-0.01	52.14	2.33	108.52	0.01
21	106	-6.21	-0.05	-4.61	-1.12	-54.18	-0.11
	107	6.21	0.05	43.10	1.12	80.42	0.06
22	106	-6.12	0.05	-4.84	-1.33	-54.61	0.10
	107	6.12	-0.05	43.33	1.33	81.10	-0.04
23	106	-11.23	0.00	-6.30	-0.88	-50.14	-0.01
	107	11.23	0.00	44.79	0.88	78.24	0.00
24	106	-1.06	0.00	-3.34	-1.57	-58.69	0.00
	107	1.06	0.00	41.83	1.57	83.53	0.01
25	106	-6.09	-0.05	-5.02	-1.08	-54.00	-0.11
	107	6.09	0.05	43.50	1.08	80.69	0.06
26	106	-6.00	0.05	-5.25	-1.29	-54.43	0.10
	107	6.00	-0.05	43.74	1.29	81.37	-0.04
27	106	-11.11	0.00	-6.70	-0.83	-49.96	-0.01
	107	11.11	0.00	45.19	0.83	78.51	0.01
28	106	-0.94	0.00	-3.74	-1.53	-58.52	0.00
	107	0.94	0.00	42.23	1.53	83.80	0.01
29	106	-5.89	-0.08	-3.93	-0.95	-51.56	-0.18
	107	5.89	0.08	42.42	0.95	77.06	0.09
30	106	-5.74	0.08	-4.32	-1.30	-52.28	0.17
	107	5.74	-0.08	42.81	1.30	78.20	-0.08
31	106	-14.26	0.00	-6.75	-0.54	-44.83	-0.01
	107	14.26	0.00	45.23	0.54	73.42	0.00
32	106	2.70	0.01	-1.81	-1.70	-59.09	0.00
	107	-2.70	-0.01	40.30	1.70	82.25	0.01

33	106	-5.59	0.00	-3.06	-1.09	-49.73	0.00
	107	5.59	0.00	41.55	1.09	74.26	0.01
34	106	-5.68	0.00	-3.47	-1.11	-50.64	0.00
	107	5.68	0.00	41.96	1.11	75.62	0.01
35	106	-5.61	-0.01	-3.03	-1.05	-49.64	-0.04
	107	5.61	0.01	41.52	1.05	74.14	0.02
36	106	-5.58	0.02	-3.11	-1.12	-49.79	0.03
	107	5.58	-0.02	41.60	1.12	74.37	-0.01
37	106	-7.28	0.00	-3.59	-0.97	-48.30	0.00
	107	7.28	0.00	42.08	0.97	73.42	0.01
38	106	-3.89	0.00	-2.60	-1.20	-51.15	0.00
	107	3.89	0.00	41.09	1.20	75.18	0.01
39	106	-5.59	0.00	-3.06	-1.09	-49.73	0.00
	107	5.59	0.00	41.55	1.09	74.26	0.01
40	106	-0.57	-1.61	6.72	2.63	2.45	-3.43
	107	0.57	1.61	-6.72	-2.63	-9.85	1.66
41	106	-2.62	-1.91	6.52	2.93	3.14	-4.17
	107	2.62	1.91	-6.52	-2.93	-10.31	2.06
42	106	-65.73	-0.29	-17.01	3.68	56.17	-0.46
	107	65.73	0.29	17.01	-3.68	-37.45	0.14
43	106	-78.13	-0.20	-19.98	4.67	65.74	-0.16
	107	78.13	0.20	19.98	-4.67	-43.76	-0.06
44	106	-25.88	-1.70	-1.44	2.64	-30.42	-3.57
	107	25.88	1.70	39.93	-2.64	53.18	1.70
45	106	13.56	-1.52	8.77	0.44	-64.13	-3.30
	107	-13.56	1.52	29.72	-0.44	75.65	1.62
46	106	-29.60	-1.67	-2.33	2.94	-27.55	-3.48
	107	29.60	1.67	40.82	-2.94	51.29	1.64
47	106	17.28	-1.55	9.65	0.14	-67.00	-3.39
	107	-17.28	1.55	28.83	-0.14	77.54	1.68
48	106	-24.74	1.53	-14.88	-2.62	-35.33	3.29
	107	24.74	-1.53	53.37	2.62	72.87	-1.61
49	106	14.70	1.70	-4.67	-4.83	-69.03	3.56
	107	-14.70	-1.70	43.16	4.83	95.35	-1.69
50	106	-28.46	1.55	-15.77	-2.33	-32.46	3.38
	107	28.46	-1.55	54.26	2.33	70.98	-1.67
51	106	18.42	1.67	-3.79	-5.13	-71.90	3.47
	107	-18.42	-1.67	42.27	5.13	97.24	-1.63
52	106	-27.93	-2.00	-1.64	2.94	-29.74	-4.31
	107	27.93	2.00	40.13	-2.94	52.72	2.11
53	106	11.51	-1.82	8.57	0.74	-63.44	-4.03
	107	-11.51	1.82	29.92	-0.74	75.19	2.03
54	106	-31.65	-1.97	-2.53	3.24	-26.87	-4.22
	107	31.65	1.97	41.02	-3.24	50.82	2.05
55	106	15.23	-1.85	9.46	0.44	-66.31	-4.12
	107	-15.23	1.85	29.03	-0.44	77.08	2.09
56	106	-22.69	1.83	-14.69	-2.92	-36.02	4.02
	107	22.69	-1.83	53.17	2.92	73.34	-2.01
57	106	16.75	2.00	-4.48	-5.13	-69.72	4.30
	107	-16.75	-2.00	42.97	5.13	95.81	-2.10

58	106	-26.41	1.85	-15.57	-2.62	-33.15	4.11	
	107	26.41	-1.85	54.06	2.62	71.45	-2.07	
59	106	20.47	1.97	-3.59	-5.42	-72.59	4.21	
	107	-20.47	-1.97	42.08	5.42	97.70	-2.04	
60	106	-71.49	-0.77	-18.06	3.37	7.17	-1.49	
	107	71.49	0.77	56.54	-3.37	33.86	0.64	
61	106	-71.15	0.20	-22.09	1.79	5.70	0.57	
	107	71.15	-0.20	60.58	-1.79	39.76	-0.35	
62	106	-72.11	-0.86	-18.12	3.46	7.38	-1.71	
	107	72.11	0.86	56.60	-3.46	33.72	0.76	
63	106	-70.53	0.29	-22.03	1.70	5.50	0.79	
	107	70.53	-0.29	60.52	-1.70	39.90	-0.47	
64	106	59.97	-0.19	15.97	-3.98	-105.16	-0.57	
	107	-59.97	0.19	22.52	3.98	108.76	0.36	
65	106	60.31	0.78	11.94	-5.56	-106.63	1.49	
	107	-60.31	-0.78	26.55	5.56	114.67	-0.63	
66	106	59.35	-0.28	15.91	-3.89	-104.96	-0.79	
	107	-59.35	0.28	22.58	3.89	108.62	0.48	
67	106	60.92	0.87	12.00	-5.65	-106.84	1.71	
	107	-60.92	-0.87	26.49	5.65	114.81	-0.75	
68	106	-83.89	-0.68	-21.02	4.36	16.74	-1.19	
	107	83.89	0.68	59.51	-4.36	27.55	0.44	
69	106	-83.55	0.28	-25.05	2.78	15.27	0.87	
	107	83.55	-0.28	63.54	-2.78	33.46	-0.55	
70	106	-84.50	-0.77	-21.08	4.45	16.95	-1.41	
	107	84.50	0.77	59.57	-4.45	27.41	0.56	
71	106	-82.93	0.37	-24.99	2.70	15.06	1.09	
	107	82.93	-0.37	63.48	-2.70	33.60	-0.68	
72	106	72.37	-0.28	18.93	-4.97	-114.73	-0.87	
	107	-72.37	0.28	19.55	4.97	115.07	0.56	
73	106	72.71	0.69	14.90	-6.55	-116.20	1.19	
	107	-72.71	-0.69	23.59	6.55	120.98	-0.43	
74	106	71.75	-0.37	18.88	-4.88	-114.52	-1.09	
	107	-71.75	0.37	19.61	4.88	114.93	0.69	
75	106	73.32	0.78	14.96	-6.64	-116.41	1.41	
	107	-73.32	-0.78	23.53	6.64	121.12	-0.55	
139	1	107	-3.53	0.00	8.40	-0.76	-54.13	0.00
		108	3.53	0.00	7.00	0.76	53.36	0.01
2	107	-2.06	0.00	13.46	-0.34	-20.13	0.00	
		108	2.06	0.00	9.63	0.34	18.03	0.00
3	107	-0.35	0.00	0.73	-0.09	-3.12	0.00	
		108	0.35	0.00	-0.73	0.09	2.32	0.00
4	107	-0.46	0.00	0.55	-0.10	-6.78	0.00	
		108	0.46	0.00	-0.55	0.10	6.17	0.00
5	107	-0.07	-0.08	0.04	0.19	0.59	-0.08	
		108	0.07	0.08	-0.04	-0.19	0.00	
6	107	0.08	0.08	-0.15	-0.16	-0.55	0.08	
		108	-0.08	-0.08	0.15	0.16	0.00	
7	107	-8.44	0.00	-3.06	0.60	4.23	0.00	

	108	8.44	0.00	3.06	-0.60	-0.87	-0.01
8	107	8.52	0.00	2.66	-0.56	-4.60	0.00
	108	-8.52	0.00	-2.66	0.56	1.67	0.01
9	107	-8.20	-0.07	29.96	-1.46	-105.78	-0.08
	108	8.20	0.07	20.08	1.46	100.34	0.00
10	107	-8.07	0.07	29.79	-1.78	-106.80	0.07
	108	8.07	-0.07	20.25	1.78	101.56	0.01
11	107	-15.73	0.00	27.18	-1.10	-102.50	-0.01
	108	15.73	0.00	22.86	1.10	100.13	0.00
12	107	-0.47	0.00	32.32	-2.14	-110.45	-0.01
	108	0.47	0.00	17.71	2.14	102.42	0.01
13	107	-8.02	-0.07	29.27	-1.40	-106.18	-0.08
	108	8.02	0.07	20.76	1.40	101.50	0.00
14	107	-7.89	0.07	29.10	-1.71	-107.21	0.07
	108	7.89	-0.07	20.93	1.71	102.71	0.01
15	107	-15.55	0.00	26.49	-1.03	-102.91	-0.01
	108	15.55	0.00	23.54	1.03	101.28	0.00
16	107	-0.29	0.00	31.64	-2.07	-110.85	-0.01
	108	0.29	0.00	18.40	2.07	103.57	0.01
17	107	-7.72	-0.12	28.88	-1.21	-100.74	-0.13
	108	7.72	0.12	21.15	1.21	96.49	0.00
18	107	-7.50	0.12	28.60	-1.73	-102.45	0.12
	108	7.50	-0.12	21.44	1.73	98.51	0.01
19	107	-20.27	-0.01	24.24	-0.60	-95.28	0.00
	108	20.27	0.01	25.79	0.60	96.13	0.00
20	107	5.16	0.01	32.82	-2.33	-108.52	-0.01
	108	-5.16	-0.01	17.22	2.33	99.94	0.02
21	107	-6.21	-0.05	22.89	-1.12	-80.42	-0.06
	108	6.21	0.05	15.60	1.12	76.41	0.00
22	107	-6.12	0.05	22.77	-1.33	-81.10	0.04
	108	6.12	-0.05	15.72	1.33	77.22	0.01
23	107	-11.23	0.00	21.03	-0.88	-78.24	0.00
	108	11.23	0.00	17.46	0.88	76.27	0.00
24	107	-1.06	0.00	24.46	-1.57	-83.53	-0.01
	108	1.06	0.00	14.03	1.57	77.80	0.01
25	107	-6.09	-0.05	22.43	-1.08	-80.69	-0.06
	108	6.09	0.05	16.06	1.08	77.18	0.00
26	107	-6.00	0.05	22.32	-1.29	-81.37	0.04
	108	6.00	-0.05	16.17	1.29	77.99	0.01
27	107	-11.11	0.00	20.58	-0.83	-78.51	-0.01
	108	11.11	0.00	17.91	0.83	77.04	0.00
28	107	-0.94	0.00	24.01	-1.53	-83.80	-0.01
	108	0.94	0.00	14.48	1.53	78.57	0.01
29	107	-5.89	-0.08	22.17	-0.95	-77.06	-0.09
	108	5.89	0.08	16.32	0.95	73.84	0.00
30	107	-5.74	0.08	21.98	-1.30	-78.20	0.08
	108	5.74	-0.08	16.51	1.30	75.19	0.01
31	107	-14.26	0.00	19.08	-0.54	-73.42	0.00
	108	14.26	0.00	19.41	0.54	73.61	0.00
32	107	2.70	0.01	24.79	-1.70	-82.25	-0.01

	108	-2.70	-0.01	13.70	1.70	76.15	0.01
33	107	-5.59	0.00	21.86	-1.09	-74.26	-0.01
	108	5.59	0.00	16.63	1.09	71.39	0.01
34	107	-5.68	0.00	21.97	-1.11	-75.62	-0.01
	108	5.68	0.00	16.52	1.11	72.63	0.01
35	107	-5.61	-0.01	21.86	-1.05	-74.14	-0.02
	108	5.61	0.01	16.63	1.05	71.26	0.01
36	107	-5.58	0.02	21.82	-1.12	-74.37	0.01
	108	5.58	-0.02	16.66	1.12	71.53	0.01
37	107	-7.28	0.00	21.24	-0.97	-73.42	-0.01
	108	7.28	0.00	17.24	0.97	71.22	0.01
38	107	-3.89	0.00	22.39	-1.20	-75.18	-0.01
	108	3.89	0.00	16.10	1.20	71.72	0.01
39	107	-5.59	0.00	21.86	-1.09	-74.26	-0.01
	108	5.59	0.00	16.63	1.09	71.39	0.01
40	107	-0.57	-1.61	5.17	2.63	9.85	-1.66
	108	0.57	1.61	-5.17	-2.63	-15.54	-0.12
41	107	-2.62	-1.91	4.79	2.93	10.31	-2.06
	108	2.62	1.91	-4.79	-2.93	-15.58	-0.04
42	107	-65.73	-0.29	-21.44	3.68	37.45	-0.14
	108	65.73	0.29	21.44	-3.68	-13.87	-0.18
43	107	-78.13	-0.20	-25.09	4.67	43.76	0.06
	108	78.13	0.20	25.09	-4.67	-16.17	-0.28
44	107	-25.88	-1.70	20.60	2.64	-53.18	-1.70
	108	25.88	1.70	17.89	-2.64	51.69	-0.16
45	107	13.56	-1.52	33.46	0.44	-75.65	-1.62
	108	-13.56	1.52	5.03	-0.44	60.02	-0.06
46	107	-29.60	-1.67	19.50	2.94	-51.29	-1.64
	108	29.60	1.67	18.99	-2.94	51.00	-0.19
47	107	17.28	-1.55	34.56	0.14	-77.54	-1.68
	108	-17.28	1.55	3.93	-0.14	60.70	-0.02
48	107	-24.74	1.53	10.25	-2.62	-72.87	1.61
	108	24.74	-1.53	28.24	2.62	82.77	0.07
49	107	14.70	1.70	23.11	-4.83	-95.35	1.69
	108	-14.70	-1.70	15.38	4.83	91.09	0.18
50	107	-28.46	1.55	9.16	-2.33	-70.98	1.67
	108	28.46	-1.55	29.33	2.33	82.08	0.04
51	107	18.42	1.67	24.21	-5.13	-97.24	1.63
	108	-18.42	-1.67	14.28	5.13	91.78	0.21
52	107	-27.93	-2.00	20.22	2.94	-52.72	-2.11
	108	27.93	2.00	18.27	-2.94	51.65	-0.09
53	107	11.51	-1.82	33.08	0.74	-75.19	-2.03
	108	-11.51	1.82	5.41	-0.74	59.97	0.02
54	107	-31.65	-1.97	19.12	3.24	-50.82	-2.05
	108	31.65	1.97	19.37	-3.24	50.96	-0.12
55	107	15.23	-1.85	34.17	0.44	-77.08	-2.09
	108	-15.23	1.85	4.32	-0.44	60.66	0.05
56	107	-22.69	1.83	10.63	-2.92	-73.34	2.01
	108	22.69	-1.83	27.86	2.92	82.81	0.00
57	107	16.75	2.00	23.49	-5.13	-95.81	2.10

	108	-16.75	-2.00	15.00	5.13	91.14	0.10	
58	107	-26.41	1.85	9.54	-2.62	-71.45	2.07	
	108	26.41	-1.85	28.95	2.62	82.12	-0.04	
59	107	20.47	1.97	24.59	-5.42	-97.70	2.04	
	108	-20.47	-1.97	13.90	5.42	91.82	0.13	
60	107	-71.49	-0.77	1.97	3.37	-33.86	-0.64	
	108	71.49	0.77	36.52	-3.37	52.86	-0.21	
61	107	-71.15	0.20	-1.13	1.79	-39.76	0.35	
	108	71.15	-0.20	39.62	-1.79	62.18	-0.14	
62	107	-72.11	-0.86	1.86	3.46	-33.72	-0.76	
	108	72.11	0.86	36.63	-3.46	52.84	-0.18	
63	107	-70.53	0.29	-1.02	1.70	-39.90	0.47	
	108	70.53	-0.29	39.51	-1.70	62.19	-0.16	
64	107	59.97	-0.19	44.84	-3.98	-108.76	-0.36	
	108	-59.97	0.19	-6.35	3.98	80.60	0.15	
65	107	60.31	0.78	41.74	-5.56	-114.67	0.63	
	108	-60.31	-0.78	-3.25	5.56	89.92	0.22	
66	107	59.35	-0.28	44.73	-3.89	-108.62	-0.48	
	108	-59.35	0.28	-6.24	3.89	80.59	0.17	
67	107	60.92	0.87	41.85	-5.65	-114.81	0.75	
	108	-60.92	-0.87	-3.37	5.65	89.94	0.20	
68	107	-83.89	-0.68	-1.68	4.36	-27.55	-0.44	
	108	83.89	0.68	40.17	-4.36	50.56	-0.31	
69	107	-83.55	0.28	-4.78	2.78	-33.46	0.55	
	108	83.55	-0.28	43.27	-2.78	59.89	-0.24	
70	107	-84.50	-0.77	-1.79	4.45	-27.41	-0.56	
	108	84.50	0.77	40.28	-4.45	50.55	-0.29	
71	107	-82.93	0.37	-4.67	2.70	-33.60	0.68	
	108	82.93	-0.37	43.16	-2.70	59.90	-0.26	
72	107	72.37	-0.28	48.49	-4.97	-115.07	-0.56	
	108	-72.37	0.28	-10.01	4.97	82.90	0.26	
73	107	72.71	0.69	45.39	-6.55	-120.98	0.43	
	108	-72.71	-0.69	-6.90	6.55	92.22	0.33	
74	107	71.75	-0.37	48.38	-4.88	-114.93	-0.69	
	108	-71.75	0.37	-9.89	4.88	82.88	0.28	
75	107	73.32	0.78	45.50	-6.64	-121.12	0.55	
	108	-73.32	-0.78	-7.02	6.64	92.23	0.30	
140	1	108	-3.53	0.00	26.36	-0.76	-53.36	-0.01
		109	3.53	0.00	-10.96	0.76	32.83	0.01
2	108	-2.06	0.00	20.09	-0.34	-18.03	0.00	
		109	2.06	0.00	3.00	0.34	8.63	0.00
3	108	-0.35	0.00	2.10	-0.09	-2.32	0.00	
		109	0.35	0.00	-2.10	0.09	0.01	0.00
4	108	-0.46	0.00	3.14	-0.10	-6.17	0.00	
		109	0.46	0.00	-3.14	0.10	2.72	0.00
5	108	-0.07	-0.08	-0.07	0.19	0.63	0.00	
		109	0.07	0.08	0.07	-0.19	-0.56	-0.09
6	108	0.08	0.08	-0.08	-0.16	-0.72	0.00	
		109	-0.08	-0.08	0.08	0.16	0.80	0.09

7	108	-8.44	0.00	-3.35	0.60	0.87	0.01
	109	8.44	0.00	3.35	-0.60	2.81	-0.01
8	108	8.52	0.00	2.94	-0.56	-1.67	-0.01
	109	-8.52	0.00	-2.94	0.56	-1.56	0.01
9	108	-8.20	-0.07	65.82	-1.46	-100.34	0.00
	109	8.20	0.07	-15.79	1.46	55.46	-0.07
10	108	-8.07	0.07	65.81	-1.78	-101.56	-0.01
	109	8.07	-0.07	-15.77	1.78	56.68	0.09
11	108	-15.73	0.00	62.87	-1.10	-100.13	0.00
	109	15.73	0.00	-12.83	1.10	58.49	0.00
12	108	-0.47	0.00	68.53	-2.14	-102.42	-0.01
	109	0.47	0.00	-18.49	2.14	54.55	0.02
13	108	-8.02	-0.07	65.03	-1.40	-101.50	0.00
	109	8.02	0.07	-14.99	1.40	57.49	-0.08
14	108	-7.89	0.07	65.02	-1.71	-102.71	-0.01
	109	7.89	-0.07	-14.98	1.71	58.71	0.09
15	108	-15.55	0.00	62.07	-1.03	-101.28	0.00
	109	15.55	0.00	-12.04	1.03	60.52	0.00
16	108	-0.29	0.00	67.74	-2.07	-103.57	-0.01
	109	0.29	0.00	-17.70	2.07	56.58	0.02
17	108	-7.72	-0.12	62.64	-1.21	-96.49	0.00
	109	7.72	0.12	-12.60	1.21	55.11	-0.13
18	108	-7.50	0.12	62.62	-1.73	-98.51	-0.01
	109	7.50	-0.12	-12.58	1.73	57.15	0.15
19	108	-20.27	-0.01	57.71	-0.60	-96.13	0.00
	109	20.27	0.01	-7.68	0.60	60.17	-0.01
20	108	5.16	0.01	67.15	-2.33	-99.94	-0.02
	109	-5.16	-0.01	-17.11	2.33	53.60	0.03
21	108	-6.21	-0.05	50.08	-1.12	-76.41	0.00
	109	6.21	0.05	-11.59	1.12	42.50	-0.05
22	108	-6.12	0.05	50.07	-1.33	-77.22	-0.01
	109	6.12	-0.05	-11.58	1.33	43.32	0.06
23	108	-11.23	0.00	48.10	-0.88	-76.27	0.00
	109	11.23	0.00	-9.62	0.88	44.53	0.00
24	108	-1.06	0.00	51.88	-1.57	-77.80	-0.01
	109	1.06	0.00	-13.39	1.57	41.90	0.01
25	108	-6.09	-0.05	49.55	-1.08	-77.18	0.00
	109	6.09	0.05	-11.06	1.08	43.85	-0.05
26	108	-6.00	0.05	49.54	-1.29	-77.99	-0.01
	109	6.00	-0.05	-11.05	1.29	44.67	0.06
27	108	-11.11	0.00	47.58	-0.83	-77.04	0.00
	109	11.11	0.00	-9.09	0.83	45.88	0.00
28	108	-0.94	0.00	51.35	-1.53	-78.57	-0.01
	109	0.94	0.00	-12.86	1.53	43.25	0.01
29	108	-5.89	-0.08	47.95	-0.95	-73.84	0.00
	109	5.89	0.08	-9.46	0.95	42.27	-0.08
30	108	-5.74	0.08	47.94	-1.30	-75.19	-0.01
	109	5.74	-0.08	-9.45	1.30	43.63	0.10
31	108	-14.26	0.00	44.67	-0.54	-73.61	0.00
	109	14.26	0.00	-6.18	0.54	45.64	0.00

32	108	2.70	0.01	50.96	-1.70	-76.15	-0.01
	109	-2.70	-0.01	-12.47	1.70	41.26	0.02
33	108	-5.59	0.00	46.45	-1.09	-71.39	-0.01
	109	5.59	0.00	-7.96	1.09	41.47	0.01
34	108	-5.68	0.00	47.08	-1.11	-72.63	-0.01
	109	5.68	0.00	-8.59	1.11	42.01	0.01
35	108	-5.61	-0.01	46.44	-1.05	-71.26	-0.01
	109	5.61	0.01	-7.95	1.05	41.35	-0.01
36	108	-5.58	0.02	46.43	-1.12	-71.53	-0.01
	109	5.58	-0.02	-7.94	1.12	41.63	0.03
37	108	-7.28	0.00	45.78	-0.97	-71.22	-0.01
	109	7.28	0.00	-7.29	0.97	42.03	0.01
38	108	-3.89	0.00	47.04	-1.20	-71.72	-0.01
	109	3.89	0.00	-8.55	1.20	41.15	0.01
39	108	-5.59	0.00	46.45	-1.09	-71.39	-0.01
	109	5.59	0.00	-7.96	1.09	41.47	0.01
40	108	-0.57	-1.61	3.88	2.63	15.54	0.12
	109	0.57	1.61	-3.88	-2.63	-19.80	-1.89
41	108	-2.62	-1.91	3.36	2.93	15.58	0.04
	109	2.62	1.91	-3.36	-2.93	-19.28	-2.14
42	108	-65.73	-0.29	-24.64	3.68	13.87	0.18
	109	65.73	0.29	24.64	-3.68	13.23	-0.50
43	108	-78.13	-0.20	-28.79	4.67	16.17	0.28
	109	78.13	0.20	28.79	-4.67	15.50	-0.51
44	108	-25.88	-1.70	42.93	2.64	-51.69	0.16
	109	25.88	1.70	-4.44	-2.64	25.63	-2.03
45	108	13.56	-1.52	57.72	0.44	-60.02	0.06
	109	-13.56	1.52	-19.23	-0.44	17.69	-1.73
46	108	-29.60	-1.67	41.69	2.94	-51.00	0.19
	109	29.60	1.67	-3.20	-2.94	26.31	-2.03
47	108	17.28	-1.55	58.96	0.14	-60.70	0.02
	109	-17.28	1.55	-20.47	-0.14	17.01	-1.73
48	108	-24.74	1.53	35.18	-2.62	-82.77	-0.07
	109	24.74	-1.53	3.31	2.62	65.24	1.75
49	108	14.70	1.70	49.97	-4.83	-91.09	-0.18
	109	-14.70	-1.70	-11.48	4.83	57.30	2.05
50	108	-28.46	1.55	33.93	-2.33	-82.08	-0.04
	109	28.46	-1.55	4.55	2.33	65.92	1.75
51	108	18.42	1.67	51.21	-5.13	-91.78	-0.21
	109	-18.42	-1.67	-12.72	5.13	56.62	2.05
52	108	-27.93	-2.00	42.42	2.94	-51.65	0.09
	109	27.93	2.00	-3.93	-2.94	26.16	-2.28
53	108	11.51	-1.82	57.20	0.74	-59.97	-0.02
	109	-11.51	1.82	-18.71	-0.74	18.22	-1.99
54	108	-31.65	-1.97	41.17	3.24	-50.96	0.12
	109	31.65	1.97	-2.68	-3.24	26.84	-2.29
55	108	15.23	-1.85	58.45	0.44	-60.66	-0.05
	109	-15.23	1.85	-19.96	-0.44	17.53	-1.98
56	108	-22.69	1.83	35.70	-2.92	-82.81	0.00
	109	22.69	-1.83	2.79	2.92	64.72	2.00

57	108	16.75	2.00	50.48	-5.13	-91.14	-0.10	
	109	-16.75	-2.00	-11.99	5.13	56.78	2.30	
58	108	-26.41	1.85	34.45	-2.62	-82.12	0.04	
	109	26.41	-1.85	4.04	2.62	65.40	2.00	
59	108	20.47	1.97	51.73	-5.42	-91.82	-0.13	
	109	-20.47	-1.97	-13.24	5.42	56.09	2.31	
60	108	-71.49	-0.77	22.97	3.37	-52.86	0.21	
	109	71.49	0.77	15.52	-3.37	48.76	-1.06	
61	108	-71.15	0.20	20.64	1.79	-62.18	0.14	
	109	71.15	-0.20	17.85	-1.79	60.64	0.08	
62	108	-72.11	-0.86	22.81	3.46	-52.84	0.18	
	109	72.11	0.86	15.67	-3.46	48.92	-1.13	
63	108	-70.53	0.29	20.80	1.70	-62.19	0.16	
	109	70.53	-0.29	17.69	-1.70	60.48	0.15	
64	108	59.97	-0.19	72.26	-3.98	-80.60	-0.15	
	109	-59.97	0.19	-33.77	3.98	22.29	-0.06	
65	108	60.31	0.78	69.93	-5.56	-89.92	-0.22	
	109	-60.31	-0.78	-31.44	5.56	34.17	1.07	
66	108	59.35	-0.28	72.10	-3.89	-80.59	-0.17	
	109	-59.35	0.28	-33.61	3.89	22.45	-0.14	
67	108	60.92	0.87	70.08	-5.65	-89.94	-0.20	
	109	-60.92	-0.87	-31.60	5.65	34.02	1.15	
68	108	-83.89	-0.68	18.82	4.36	-50.56	0.31	
	109	83.89	0.68	19.67	-4.36	51.03	-1.06	
69	108	-83.55	0.28	16.49	2.78	-59.89	0.24	
	109	83.55	-0.28	21.99	-2.78	62.91	0.07	
70	108	-84.50	-0.77	18.67	4.45	-50.55	0.29	
	109	84.50	0.77	19.82	-4.45	51.19	-1.14	
71	108	-82.93	0.37	16.65	2.70	-59.90	0.26	
	109	82.93	-0.37	21.84	-2.70	62.75	0.15	
72	108	72.37	-0.28	76.40	-4.97	-82.90	-0.26	
	109	-72.37	0.28	-37.91	4.97	20.02	-0.05	
73	108	72.71	0.69	74.08	-6.55	-92.22	-0.33	
	109	-72.71	-0.69	-35.59	6.55	31.90	1.08	
74	108	71.75	-0.37	76.25	-4.88	-82.88	-0.28	
	109	-71.75	0.37	-37.76	4.88	20.18	-0.13	
75	108	73.32	0.78	74.23	-6.64	-92.23	-0.30	
	109	-73.32	-0.78	-35.74	6.64	31.74	1.16	
141	1	109	-3.53	0.00	44.27	-0.76	-32.83	-0.01
		110	3.53	0.00	-28.87	0.76	-7.39	0.01
2	109	-2.06	0.00	26.75	-0.34	-8.63	0.00	
	110	2.06	0.00	-3.66	0.34	-8.10	0.00	
3	109	-0.35	0.00	3.48	-0.09	-0.01	0.00	
	110	0.35	0.00	-3.48	0.09	-3.82	0.00	
4	109	-0.46	0.00	5.73	-0.10	-2.72	0.00	
	110	0.46	0.00	-5.73	0.10	-3.58	0.00	
5	109	-0.07	-0.08	-0.16	0.19	0.56	0.09	
	110	0.07	0.08	0.16	-0.19	-0.38	-0.18	
6	109	0.08	0.08	-0.01	-0.16	-0.80	-0.09	

	110	-0.08	-0.08	0.01	0.16	0.82	0.18
7	109	-8.44	0.00	-3.55	0.60	-2.81	0.01
	110	8.44	0.00	3.55	-0.60	6.72	-0.02
8	109	8.52	0.00	3.11	-0.56	1.56	-0.01
	110	-8.52	0.00	-3.11	0.56	-4.99	0.02
9	109	-8.20	-0.07	101.70	-1.46	-55.46	0.07
	110	8.20	0.07	-51.66	1.46	-28.89	-0.15
10	109	-8.07	0.07	101.83	-1.78	-56.68	-0.09
	110	8.07	-0.07	-51.80	1.78	-27.81	0.17
11	109	-15.73	0.00	98.65	-1.10	-58.49	0.00
	110	15.73	0.00	-48.61	1.10	-22.50	0.00
12	109	-0.47	0.00	104.65	-2.14	-54.55	-0.02
	110	0.47	0.00	-54.61	2.14	-33.04	0.03
13	109	-8.02	-0.07	100.77	-1.40	-57.49	0.08
	110	8.02	0.07	-50.73	1.40	-25.84	-0.15
14	109	-7.89	0.07	100.91	-1.71	-58.71	-0.09
	110	7.89	-0.07	-50.87	1.71	-24.76	0.17
15	109	-15.55	0.00	97.72	-1.03	-60.52	0.00
	110	15.55	0.00	-47.68	1.03	-19.45	-0.01
16	109	-0.29	0.00	103.72	-2.07	-56.58	-0.02
	110	0.29	0.00	-53.68	2.07	-29.99	0.02
17	109	-7.72	-0.12	96.37	-1.21	-55.11	0.13
	110	7.72	0.12	-46.34	1.21	-23.39	-0.26
18	109	-7.50	0.12	96.60	-1.73	-57.15	-0.15
	110	7.50	-0.12	-46.56	1.73	-21.59	0.28
19	109	-20.27	-0.01	91.29	-0.60	-60.17	0.01
	110	20.27	0.01	-41.25	0.60	-12.73	-0.01
20	109	5.16	0.01	101.29	-2.33	-53.60	-0.03
	110	-5.16	-0.01	-51.25	2.33	-30.30	0.04
21	109	-6.21	-0.05	77.27	-1.12	-42.50	0.05
	110	6.21	0.05	-38.78	1.12	-21.33	-0.10
22	109	-6.12	0.05	77.36	-1.33	-43.32	-0.06
	110	6.12	-0.05	-38.87	1.33	-20.61	0.12
23	109	-11.23	0.00	75.23	-0.88	-44.53	0.00
	110	11.23	0.00	-36.74	0.88	-17.06	0.00
24	109	-1.06	0.00	79.23	-1.57	-41.90	-0.01
	110	1.06	0.00	-40.75	1.57	-24.09	0.02
25	109	-6.09	-0.05	76.65	-1.08	-43.85	0.05
	110	6.09	0.05	-38.16	1.08	-19.29	-0.10
26	109	-6.00	0.05	76.74	-1.29	-44.67	-0.06
	110	6.00	-0.05	-38.25	1.29	-18.57	0.11
27	109	-11.11	0.00	74.62	-0.83	-45.88	0.00
	110	11.11	0.00	-36.13	0.83	-15.03	0.00
28	109	-0.94	0.00	78.62	-1.53	-43.25	-0.01
	110	0.94	0.00	-40.13	1.53	-22.06	0.02
29	109	-5.89	-0.08	73.72	-0.95	-42.27	0.08
	110	5.89	0.08	-35.23	0.95	-17.65	-0.17
30	109	-5.74	0.08	73.87	-1.30	-43.63	-0.10
	110	5.74	-0.08	-35.38	1.30	-16.46	0.19
31	109	-14.26	0.00	70.33	-0.54	-45.64	0.00

	110	14.26	0.00	-31.84	0.54	-10.55	-0.01
32	109	2.70	0.01	77.00	-1.70	-41.26	-0.02
	110	-2.70	-0.01	-38.51	1.70	-22.26	0.02
33	109	-5.59	0.00	71.02	-1.09	-41.47	-0.01
	110	5.59	0.00	-32.53	1.09	-15.48	0.01
34	109	-5.68	0.00	72.16	-1.11	-42.01	-0.01
	110	5.68	0.00	-33.67	1.11	-16.20	0.01
35	109	-5.61	-0.01	70.98	-1.05	-41.35	0.01
	110	5.61	0.01	-32.49	1.05	-15.56	-0.03
36	109	-5.58	0.02	71.01	-1.12	-41.63	-0.03
	110	5.58	-0.02	-32.53	1.12	-15.32	0.05
37	109	-7.28	0.00	70.31	-0.97	-42.03	-0.01
	110	7.28	0.00	-31.82	0.97	-14.14	0.01
38	109	-3.89	0.00	71.64	-1.20	-41.15	-0.01
	110	3.89	0.00	-33.15	1.20	-16.48	0.01
39	109	-5.59	0.00	71.02	-1.09	-41.47	-0.01
	110	5.59	0.00	-32.53	1.09	-15.48	0.01
40	109	-0.57	-1.61	2.76	2.63	19.80	1.89
	110	0.57	1.61	-2.76	-2.63	-22.84	-3.66
41	109	-2.62	-1.91	2.16	2.93	19.28	2.14
	110	2.62	1.91	-2.16	-2.93	-21.65	-4.25
42	109	-65.73	-0.29	-26.69	3.68	-13.23	0.50
	110	65.73	0.29	26.69	-3.68	42.60	-0.82
43	109	-78.13	-0.20	-31.16	4.67	-15.50	0.51
	110	78.13	0.20	31.16	-4.67	49.78	-0.73
44	109	-25.88	-1.70	65.77	2.64	-25.63	2.03
	110	25.88	1.70	-27.28	-2.64	-25.54	-3.90
45	109	13.56	-1.52	81.78	0.44	-17.69	1.73
	110	-13.56	1.52	-43.30	-0.44	-51.10	-3.41
46	109	-29.60	-1.67	64.43	2.94	-26.31	2.03
	110	29.60	1.67	-25.94	-2.94	-23.39	-3.87
47	109	17.28	-1.55	83.13	0.14	-17.01	1.73
	110	-17.28	1.55	-44.64	-0.14	-53.26	-3.43
48	109	-24.74	1.53	60.25	-2.62	-65.24	-1.75
	110	24.74	-1.53	-21.76	2.62	20.13	3.43
49	109	14.70	1.70	76.27	-4.83	-57.30	-2.05
	110	-14.70	-1.70	-37.78	4.83	-5.43	3.92
50	109	-28.46	1.55	58.91	-2.33	-65.92	-1.75
	110	28.46	-1.55	-20.42	2.33	22.29	3.45
51	109	18.42	1.67	77.61	-5.13	-56.62	-2.05
	110	-18.42	-1.67	-39.12	5.13	-7.58	3.89
52	109	-27.93	-2.00	65.17	2.94	-26.16	2.28
	110	27.93	2.00	-26.68	-2.94	-24.36	-4.48
53	109	11.51	-1.82	81.18	0.74	-18.22	1.99
	110	-11.51	1.82	-42.69	-0.74	-49.92	-3.99
54	109	-31.65	-1.97	63.83	3.24	-26.84	2.29
	110	31.65	1.97	-25.34	-3.24	-22.20	-4.46
55	109	15.23	-1.85	82.52	0.44	-17.53	1.98
	110	-15.23	1.85	-44.03	-0.44	-52.07	-4.02
56	109	-22.69	1.83	60.85	-2.92	-64.72	-2.00

	110	22.69	-1.83	-22.36	2.92	18.95	4.01
57	109	16.75	2.00	76.87	-5.13	-56.78	-2.30
	110	-16.75	-2.00	-38.38	5.13	-6.61	4.50
58	109	-26.41	1.85	59.51	-2.62	-65.40	-2.00
	110	26.41	-1.85	-21.02	2.62	21.10	4.04
59	109	20.47	1.97	78.21	-5.42	-56.09	-2.31
	110	-20.47	-1.97	-39.72	5.42	-8.77	4.48
60	109	-71.49	-0.77	45.15	3.37	-48.76	1.06
	110	71.49	0.77	-6.66	-3.37	20.26	-1.90
61	109	-71.15	0.20	43.49	1.79	-60.64	-0.08
	110	71.15	-0.20	-5.01	-1.79	33.97	0.29
62	109	-72.11	-0.86	44.97	3.46	-48.92	1.13
	110	72.11	0.86	-6.48	-3.46	20.62	-2.08
63	109	-70.53	0.29	43.67	1.70	-60.48	-0.15
	110	70.53	-0.29	-5.19	-1.70	33.61	0.47
64	109	59.97	-0.19	98.54	-3.98	-22.29	0.06
	110	-59.97	0.19	-60.05	3.98	-64.93	-0.27
65	109	60.31	0.78	96.88	-5.56	-34.17	-1.07
	110	-60.31	-0.78	-58.39	5.56	-51.23	1.93
66	109	59.35	-0.28	98.36	-3.89	-22.45	0.14
	110	-59.35	0.28	-59.87	3.89	-64.58	-0.45
67	109	60.92	0.87	97.06	-5.65	-34.02	-1.15
	110	-60.92	-0.87	-58.58	5.65	-51.59	2.10
68	109	-83.89	-0.68	40.68	4.36	-51.03	1.06
	110	83.89	0.68	-2.19	-4.36	27.45	-1.81
69	109	-83.55	0.28	39.03	2.78	-62.91	-0.07
	110	83.55	-0.28	-0.54	-2.78	41.15	0.38
70	109	-84.50	-0.77	40.50	4.45	-51.19	1.14
	110	84.50	0.77	-2.01	-4.45	27.80	-1.99
71	109	-82.93	0.37	39.21	2.70	-62.75	-0.15
	110	82.93	-0.37	-0.72	-2.70	40.80	0.56
72	109	72.37	-0.28	103.01	-4.97	-20.02	0.05
	110	-72.37	0.28	-64.52	4.97	-72.12	-0.36
73	109	72.71	0.69	101.35	-6.55	-31.90	-1.08
	110	-72.71	-0.69	-62.86	6.55	-58.42	1.84
74	109	71.75	-0.37	102.83	-4.88	-20.18	0.13
	110	-71.75	0.37	-64.34	4.88	-71.76	-0.54
75	109	73.32	0.78	101.53	-6.64	-31.74	-1.16
	110	-73.32	-0.78	-63.04	6.64	-58.77	2.01

142	1	110	-3.53	0.00	62.23	-0.76	7.39	-0.01
		7	3.53	0.00	-52.78	0.76	-46.21	0.01
	2	110	-2.06	0.00	33.48	-0.34	8.10	0.00
		7	2.06	0.00	-19.31	0.34	-25.91	0.00
	3	110	-0.35	0.00	4.89	-0.09	3.82	0.00
		7	0.35	0.00	-4.89	0.09	-7.13	0.00
	4	110	-0.46	0.00	8.35	-0.10	3.58	0.00
		7	0.46	0.00	-8.35	0.10	-9.22	0.00
	5	110	-0.07	-0.08	-0.26	0.19	0.38	0.18
		7	0.07	0.08	0.26	-0.19	-0.20	-0.24

6	110	0.08	0.08	0.05	-0.16	-0.82	-0.18
	7	-0.08	-0.08	-0.05	0.16	0.78	0.23
7	110	-8.44	0.00	-3.65	0.60	-6.72	0.02
	7	8.44	0.00	3.65	-0.60	9.19	-0.02
8	110	8.52	0.00	3.17	-0.56	4.99	-0.02
	7	-8.52	0.00	-3.17	0.56	-7.13	0.02
9	110	-8.20	-0.07	137.79	-1.46	28.89	0.15
	7	8.20	0.07	-107.09	1.46	-111.54	-0.20
10	110	-8.07	0.07	138.07	-1.78	27.81	-0.17
	7	8.07	-0.07	-107.37	1.78	-110.65	0.22
11	110	-15.73	0.00	134.74	-1.10	22.50	0.00
	7	15.73	0.00	-104.03	1.10	-103.08	-0.01
12	110	-0.47	0.00	140.88	-2.14	33.04	-0.03
	7	0.47	0.00	-110.18	2.14	-117.77	0.03
13	110	-8.02	-0.07	136.71	-1.40	25.84	0.15
	7	8.02	0.07	-106.01	1.40	-107.76	-0.20
14	110	-7.89	0.07	136.99	-1.71	24.76	-0.17
	7	7.89	-0.07	-106.29	1.71	-106.87	0.22
15	110	-15.55	0.00	133.66	-1.03	19.45	0.01
	7	15.55	0.00	-102.96	1.03	-99.31	-0.01
16	110	-0.29	0.00	139.80	-2.07	29.99	-0.02
	7	0.29	0.00	-109.10	2.07	-114.00	0.03
17	110	-7.72	-0.12	130.30	-1.21	23.39	0.26
	7	7.72	0.12	-99.59	1.21	-100.97	-0.34
18	110	-7.50	0.12	130.76	-1.73	21.59	-0.28
	7	7.50	-0.12	-100.06	1.73	-99.49	0.36
19	110	-20.27	-0.01	125.21	-0.60	12.73	0.01
	7	20.27	0.01	-94.50	0.60	-86.88	-0.02
20	110	5.16	0.01	135.45	-2.33	30.30	-0.04
	7	-5.16	-0.01	-104.74	2.33	-111.36	0.04
21	110	-6.21	-0.05	104.62	-1.12	21.33	0.10
	7	6.21	0.05	-81.00	1.12	-83.97	-0.13
22	110	-6.12	0.05	104.81	-1.33	20.61	-0.12
	7	6.12	-0.05	-81.19	1.33	-83.38	0.15
23	110	-11.23	0.00	102.59	-0.88	17.06	0.00
	7	11.23	0.00	-78.97	0.88	-78.34	0.00
24	110	-1.06	0.00	106.68	-1.57	24.09	-0.02
	7	1.06	0.00	-83.06	1.57	-88.13	0.02
25	110	-6.09	-0.05	103.90	-1.08	19.29	0.10
	7	6.09	0.05	-80.29	1.08	-81.46	-0.13
26	110	-6.00	0.05	104.09	-1.29	18.57	-0.11
	7	6.00	-0.05	-80.47	1.29	-80.86	0.15
27	110	-11.11	0.00	101.87	-0.83	15.03	0.00
	7	11.11	0.00	-78.25	0.83	-75.82	0.00
28	110	-0.94	0.00	105.96	-1.53	22.06	-0.02
	7	0.94	0.00	-82.34	1.53	-85.61	0.02
29	110	-5.89	-0.08	99.63	-0.95	17.65	0.17
	7	5.89	0.08	-76.01	0.95	-76.93	-0.23
30	110	-5.74	0.08	99.94	-1.30	16.46	-0.19
	7	5.74	-0.08	-76.32	1.30	-75.94	0.24

31	110	-14.26	0.00	96.23	-0.54	10.55	0.01
	7	14.26	0.00	-72.61	0.54	-67.54	-0.01
32	110	2.70	0.01	103.06	-1.70	22.26	-0.02
	7	-2.70	-0.01	-79.44	1.70	-83.86	0.03
33	110	-5.59	0.00	95.71	-1.09	15.48	-0.01
	7	5.59	0.00	-72.09	1.09	-72.12	0.01
34	110	-5.68	0.00	97.38	-1.11	16.20	-0.01
	7	5.68	0.00	-73.76	1.11	-73.96	0.01
35	110	-5.61	-0.01	95.66	-1.05	15.56	0.03
	7	5.61	0.01	-72.04	1.05	-72.16	-0.04
36	110	-5.58	0.02	95.72	-1.12	15.32	-0.05
	7	5.58	-0.02	-72.10	1.12	-71.96	0.06
37	110	-7.28	0.00	94.98	-0.97	14.14	-0.01
	7	7.28	0.00	-71.36	0.97	-70.28	0.01
38	110	-3.89	0.00	96.35	-1.20	16.48	-0.01
	7	3.89	0.00	-72.73	1.20	-73.54	0.02
39	110	-5.59	0.00	95.71	-1.09	15.48	-0.01
	7	5.59	0.00	-72.09	1.09	-72.12	0.01
40	110	-0.57	-1.61	1.73	2.63	22.84	3.66
	7	0.57	1.61	-1.73	-2.63	-24.01	-4.75
41	110	-2.62	-1.91	1.09	2.93	21.65	4.25
	7	2.62	1.91	-1.09	-2.93	-22.39	-5.54
42	110	-65.73	-0.29	-27.53	3.68	-42.60	0.82
	7	65.73	0.29	27.53	-3.68	61.18	-1.01
43	110	-78.13	-0.20	-32.13	4.67	-49.78	0.73
	7	78.13	0.20	32.13	-4.67	71.47	-0.86
44	110	-25.88	-1.70	89.18	2.64	25.54	3.90
	7	25.88	1.70	-65.57	-2.64	-77.77	-5.04
45	110	13.56	-1.52	105.70	0.44	51.10	3.41
	7	-13.56	1.52	-82.08	-0.44	-114.48	-4.43
46	110	-29.60	-1.67	87.80	2.94	23.39	3.87
	7	29.60	1.67	-64.19	-2.94	-74.68	-5.00
47	110	17.28	-1.55	107.08	0.14	53.26	3.43
	7	-17.28	1.55	-83.46	-0.14	-117.57	-4.48
48	110	-24.74	1.53	85.72	-2.62	-20.13	-3.43
	7	24.74	-1.53	-62.11	2.62	-29.76	4.46
49	110	14.70	1.70	102.24	-4.83	5.43	-3.92
	7	-14.70	-1.70	-78.62	4.83	-66.47	5.07
50	110	-28.46	1.55	84.34	-2.33	-22.29	-3.45
	7	28.46	-1.55	-60.73	2.33	-26.67	4.50
51	110	18.42	1.67	103.62	-5.13	7.58	-3.89
	7	-18.42	-1.67	-80.00	5.13	-69.55	5.02
52	110	-27.93	-2.00	88.55	2.94	24.36	4.48
	7	27.93	2.00	-64.93	-2.94	-76.16	-5.83
53	110	11.51	-1.82	105.06	0.74	49.92	3.99
	7	-11.51	1.82	-81.45	-0.74	-112.86	-5.22
54	110	-31.65	-1.97	87.17	3.24	22.20	4.46
	7	31.65	1.97	-63.55	-3.24	-73.07	-5.79
55	110	15.23	-1.85	106.44	0.44	52.07	4.02
	7	-15.23	1.85	-82.83	-0.44	-115.95	-5.27

56	110	-22.69	1.83	86.36	-2.92	-18.95	-4.01	
	7	22.69	-1.83	-62.74	2.92	-31.37	5.25	
57	110	16.75	2.00	102.88	-5.13	6.61	-4.50	
	7	-16.75	-2.00	-79.26	5.13	-68.08	5.85	
58	110	-26.41	1.85	84.98	-2.62	-21.10	-4.04	
	7	26.41	-1.85	-61.36	2.62	-28.29	5.29	
59	110	20.47	1.97	104.26	-5.42	8.77	-4.48	
	7	-20.47	-1.97	-80.64	5.42	-71.17	5.81	
60	110	-71.49	-0.77	68.70	3.37	-20.26	1.90	
	7	71.49	0.77	-45.08	-3.37	-18.14	-2.43	
61	110	-71.15	0.20	67.67	1.79	-33.97	-0.29	
	7	71.15	-0.20	-44.05	-1.79	-3.74	0.42	
62	110	-72.11	-0.86	68.51	3.46	-20.62	2.08	
	7	72.11	0.86	-44.89	-3.46	-17.66	-2.66	
63	110	-70.53	0.29	67.86	1.70	-33.61	-0.47	
	7	70.53	-0.29	-44.24	-1.70	-4.22	0.66	
64	110	59.97	-0.19	123.76	-3.98	64.93	0.27	
	7	-59.97	0.19	-100.14	3.98	-140.50	-0.40	
65	110	60.31	0.78	122.72	-5.56	51.23	-1.93	
	7	-60.31	-0.78	-99.10	5.56	-126.10	2.45	
66	110	59.35	-0.28	123.57	-3.89	64.58	0.45	
	7	-59.35	0.28	-99.95	3.89	-140.02	-0.64	
67	110	60.92	0.87	122.91	-5.65	51.59	-2.10	
	7	-60.92	-0.87	-99.29	5.65	-126.58	2.69	
68	110	-83.89	-0.68	64.10	4.36	-27.45	1.81	
	7	83.89	0.68	-40.49	-4.36	-7.85	-2.28	
69	110	-83.55	0.28	63.07	2.78	-41.15	-0.38	
	7	83.55	-0.28	-39.45	-2.78	6.55	0.57	
70	110	-84.50	-0.77	63.91	4.45	-27.80	1.99	
	7	84.50	0.77	-40.30	-4.45	-7.37	-2.51	
71	110	-82.93	0.37	63.26	2.70	-40.80	-0.56	
	7	82.93	-0.37	-39.64	-2.70	6.07	0.81	
72	110	72.37	-0.28	128.36	-4.97	72.12	0.36	
	7	-72.37	0.28	-104.74	4.97	-150.79	-0.55	
73	110	72.71	0.69	127.32	-6.55	58.42	-1.84	
	7	-72.71	-0.69	-103.70	6.55	-136.39	2.30	
74	110	71.75	-0.37	128.17	-4.88	71.76	0.54	
	7	-71.75	0.37	-104.55	4.88	-150.31	-0.79	
75	110	73.32	0.78	127.51	-6.64	58.77	-2.01	
	7	-73.32	-0.78	-103.89	6.64	-136.87	2.54	
143	1	7	-3.53	0.02	-52.78	0.76	46.21	0.03
	111	3.53	-0.02	62.23	-0.76	-7.39	-0.01	
2	7	-2.06	0.01	-19.31	0.34	25.91	0.01	
	111	2.06	-0.01	33.48	-0.34	-8.10	-0.01	
3	7	-0.34	0.00	-4.89	0.09	7.13	0.00	
	111	0.34	0.00	4.89	-0.09	-3.82	0.00	
4	7	-0.44	0.00	-8.35	0.10	9.22	-0.01	
	111	0.44	0.00	8.35	-0.10	-3.58	0.01	
5	7	-0.07	0.07	0.26	-0.19	0.21	0.21	

	111	0.07	-0.07	-0.26	0.19	-0.38	-0.16
6	7	0.07	-0.07	-0.05	0.16	-0.79	-0.21
	111	-0.07	0.07	0.05	-0.16	0.82	0.16
7	7	-2.45	-0.01	-3.17	0.55	7.16	-0.03
	111	2.45	0.01	3.17	-0.55	-5.02	0.02
8	7	2.53	0.01	3.65	-0.59	-9.22	0.03
	111	-2.53	-0.01	-3.65	0.59	6.75	-0.02
9	7	-8.17	0.10	-107.09	1.46	111.54	0.23
	111	8.17	-0.10	137.79	-1.46	-28.89	-0.16
10	7	-8.05	-0.02	-107.37	1.78	110.65	-0.15
	111	8.05	0.02	138.07	-1.78	-27.82	0.13
11	7	-10.32	0.03	-110.17	2.13	117.80	0.02
	111	10.32	-0.03	140.88	-2.13	-33.07	0.00
12	7	-5.84	0.04	-104.04	1.10	103.06	0.06
	111	5.84	-0.04	134.74	-1.10	-22.47	-0.03
13	7	-7.99	0.10	-106.01	1.40	107.76	0.23
	111	7.99	-0.10	136.71	-1.40	-25.85	-0.16
14	7	-7.87	-0.02	-106.29	1.71	106.87	-0.15
	111	7.87	0.02	136.99	-1.71	-24.77	0.13
15	7	-10.14	0.03	-109.10	2.07	114.02	0.02
	111	10.14	-0.03	139.80	-2.07	-30.02	0.00
16	7	-5.66	0.04	-102.96	1.03	99.29	0.07
	111	5.66	-0.04	133.66	-1.03	-19.43	-0.04
17	7	-7.70	0.14	-99.59	1.21	100.98	0.36
	111	7.70	-0.14	130.30	-1.21	-23.39	-0.27
18	7	-7.49	-0.06	-100.06	1.73	99.49	-0.27
	111	7.49	0.06	130.76	-1.73	-21.59	0.23
19	7	-11.28	0.03	-104.74	2.32	111.40	0.01
	111	11.28	-0.03	135.44	-2.32	-30.34	0.01
20	7	-3.81	0.05	-94.51	0.60	86.84	0.09
	111	3.81	-0.05	125.21	-0.60	-12.69	-0.05
21	7	-6.19	0.07	-81.00	1.12	83.98	0.16
	111	6.19	-0.07	104.62	-1.12	-21.33	-0.11
22	7	-6.11	-0.01	-81.19	1.33	83.38	-0.09
	111	6.11	0.01	104.81	-1.33	-20.61	0.09
23	7	-7.63	0.03	-83.06	1.57	88.15	0.02
	111	7.63	-0.03	106.68	-1.57	-24.11	0.00
24	7	-4.64	0.03	-78.97	0.88	78.32	0.05
	111	4.64	-0.03	102.59	-0.88	-17.05	-0.03
25	7	-6.07	0.07	-80.29	1.08	81.46	0.16
	111	6.07	-0.07	103.90	-1.08	-19.29	-0.11
26	7	-5.99	-0.01	-80.47	1.29	80.86	-0.09
	111	5.99	0.01	104.09	-1.29	-18.58	0.08
27	7	-7.50	0.03	-82.34	1.52	85.63	0.02
	111	7.50	-0.03	105.96	-1.52	-22.08	0.00
28	7	-4.52	0.03	-78.25	0.83	75.81	0.05
	111	4.52	-0.03	101.87	-0.83	-15.01	-0.03
29	7	-5.88	0.10	-76.01	0.95	76.93	0.25
	111	5.88	-0.10	99.63	-0.95	-17.66	-0.18
30	7	-5.74	-0.04	-76.32	1.30	75.94	-0.17

	111	5.74	0.04	99.94	-1.30	-16.46	0.15
31	7	-8.26	0.02	-79.44	1.69	83.88	0.01
	111	8.26	-0.02	103.05	-1.69	-22.29	0.00
32	7	-3.28	0.04	-72.62	0.55	67.51	0.06
	111	3.28	-0.04	96.24	-0.55	-10.52	-0.04
33	7	-5.59	0.03	-72.09	1.09	72.12	0.04
	111	5.59	-0.03	95.71	-1.09	-15.48	-0.02
34	7	-5.68	0.03	-73.76	1.11	73.96	0.04
	111	5.68	-0.03	97.38	-1.11	-16.20	-0.02
35	7	-5.61	0.04	-72.04	1.05	72.16	0.08
	111	5.61	-0.04	95.66	-1.05	-15.56	-0.05
36	7	-5.58	0.02	-72.10	1.12	71.96	0.00
	111	5.58	-0.02	95.72	-1.12	-15.32	0.01
37	7	-6.08	0.03	-72.73	1.20	73.55	0.04
	111	6.08	-0.03	96.35	-1.20	-16.49	-0.02
38	7	-5.09	0.03	-71.36	0.97	70.28	0.05
	111	5.09	-0.03	94.98	-0.97	-14.13	-0.02
39	7	-5.59	0.03	-72.09	1.09	72.12	0.04
	111	5.59	-0.03	95.71	-1.09	-15.48	-0.02
40	7	-1.25	1.66	-1.09	-2.93	22.40	5.05
	111	1.25	-1.66	1.09	2.93	-21.66	-3.93
41	7	-1.98	1.45	-1.73	-2.63	24.00	4.42
	111	1.98	-1.45	1.73	2.63	-22.83	-3.44
42	7	-19.59	-0.57	-27.49	3.64	61.40	-1.57
	111	19.59	0.57	27.49	-3.64	-42.84	1.18
43	7	-23.50	-0.63	-32.08	4.62	71.75	-1.68
	111	23.50	0.63	32.08	-4.62	-50.09	1.26
44	7	-12.72	1.52	-81.44	-0.75	112.94	4.62
	111	12.72	-1.52	105.05	0.75	-50.00	-3.60
45	7	-0.96	1.86	-64.94	-2.93	76.10	5.56
	111	0.96	-1.86	88.56	2.93	-24.29	-4.31
46	7	-13.89	1.50	-82.81	-0.45	116.04	4.59
	111	13.89	-1.50	106.43	0.45	-52.17	-3.58
47	7	0.21	1.88	-63.56	-3.23	72.99	5.60
	111	-0.21	-1.88	87.18	3.23	-22.12	-4.33
48	7	-10.22	-1.80	-79.25	5.12	68.14	-5.48
	111	10.22	1.80	102.86	-5.12	-6.68	4.27
49	7	1.53	-1.46	-62.75	2.93	31.30	-4.54
	111	-1.53	1.46	86.37	-2.93	19.03	3.56
50	7	-11.39	-1.81	-80.62	5.41	71.25	-5.52
	111	11.39	1.81	104.24	-5.41	-8.85	4.29
51	7	2.71	-1.44	-61.38	2.64	28.20	-4.51
	111	-2.71	1.44	84.99	-2.64	21.20	3.54
52	7	-13.45	1.31	-82.07	-0.45	114.54	3.99
	111	13.45	-1.31	105.69	0.45	-51.17	-3.11
53	7	-1.70	1.65	-65.58	-2.63	77.70	4.93
	111	1.70	-1.65	89.20	2.63	-25.46	-3.82
54	7	-14.62	1.29	-83.45	-0.15	117.64	3.96
	111	14.62	-1.29	107.07	0.15	-53.34	-3.09
55	7	-0.52	1.66	-64.20	-2.93	74.59	4.96

		111	0.52	-1.66	87.82	2.93	-23.29	-3.84
56		7	-9.49	-1.59	-78.61	4.82	66.54	-4.85
		111	9.49	1.59	102.23	-4.82	-5.50	3.78
57		7	2.26	-1.25	-62.12	2.63	29.70	-3.91
		111	-2.26	1.25	85.74	-2.63	20.20	3.07
58		7	-10.66	-1.60	-79.99	5.11	69.64	-4.88
		111	10.66	1.60	103.61	-5.11	-7.68	3.80
59		7	3.44	-1.23	-60.74	2.34	26.59	-3.87
		111	-3.44	1.23	84.36	-2.34	22.38	3.05
60		7	-25.55	-0.04	-99.91	3.85	140.24	-0.01
		111	25.55	0.04	123.53	-3.85	-64.82	-0.02
61		7	-24.80	-1.03	-99.25	5.61	126.80	-3.04
		111	24.80	1.03	122.87	-5.61	-51.83	2.34
62		7	-25.77	-0.10	-100.10	3.94	140.72	-0.20
		111	25.77	0.10	123.72	-3.94	-65.18	0.13
63		7	-24.59	-0.97	-99.06	5.52	126.32	-2.85
		111	24.59	0.97	122.68	-5.52	-51.48	2.20
64		7	13.62	1.09	-44.93	-3.43	17.44	3.12
		111	-13.62	-1.09	68.55	3.43	20.86	-2.38
65		7	14.37	0.10	-44.28	-1.67	4.00	0.09
		111	-14.37	-0.10	67.90	1.67	33.86	-0.02
66		7	13.40	1.03	-45.12	-3.33	17.92	2.93
		111	-13.40	-1.03	68.74	3.33	20.51	-2.24
67		7	14.59	0.16	-44.09	-1.76	3.52	0.28
		111	-14.59	-0.16	67.71	1.76	34.21	-0.17
68		7	-29.46	-0.10	-104.51	4.83	150.59	-0.12
		111	29.46	0.10	128.12	-4.83	-72.08	0.06
69		7	-28.71	-1.09	-103.85	6.59	137.15	-3.16
		111	28.71	1.09	127.47	-6.59	-59.08	2.42
70		7	-29.68	-0.16	-104.70	4.92	151.07	-0.31
		111	29.68	0.16	128.31	-4.92	-72.43	0.21
71		7	-28.49	-1.03	-103.66	6.50	136.67	-2.97
		111	28.49	1.03	127.28	-6.50	-58.73	2.27
72		7	17.53	1.15	-40.34	-4.41	7.09	3.24
		111	-17.53	-1.15	63.96	4.41	28.11	-2.46
73		7	18.28	0.16	-39.68	-2.65	-6.35	0.21
		111	-18.28	-0.16	63.30	2.65	41.11	-0.10
74		7	17.31	1.09	-40.53	-4.32	7.57	3.05
		111	-17.31	-1.09	64.15	4.32	27.76	-2.31
75		7	18.50	0.22	-39.49	-2.74	-6.83	0.40
		111	-18.50	-0.22	63.11	2.74	41.46	-0.25
144	1	111	-3.53	0.02	-28.87	0.76	7.39	0.01
		112	3.53	-0.02	44.27	-0.76	32.83	0.01
2		111	-2.06	0.01	-3.66	0.34	8.10	0.01
		112	2.06	-0.01	26.75	-0.34	8.63	0.00
3		111	-0.34	0.00	-3.48	0.09	3.82	0.00
		112	0.34	0.00	3.48	-0.09	0.01	0.00
4		111	-0.44	0.00	-5.73	0.10	3.58	-0.01
		112	0.44	0.00	5.73	-0.10	2.72	0.01

5	111	-0.07	0.07	0.16	-0.19	0.38	0.16
	112	0.07	-0.07	-0.16	0.19	-0.56	-0.09
6	111	0.07	-0.07	0.01	0.16	-0.82	-0.16
	112	-0.07	0.07	-0.01	-0.16	0.80	0.09
7	111	-2.45	-0.01	-3.11	0.55	5.02	-0.02
	112	2.45	0.01	3.11	-0.55	-1.60	0.01
8	111	2.53	0.01	3.55	-0.59	-6.75	0.02
	112	-2.53	-0.01	-3.55	0.59	2.85	-0.01
9	111	-8.17	0.10	-51.66	1.46	28.89	0.16
	112	8.17	-0.10	101.70	-1.46	55.46	-0.05
10	111	-8.05	-0.02	-51.80	1.78	27.82	-0.13
	112	8.05	0.02	101.83	-1.78	56.68	0.11
11	111	-10.32	0.03	-54.61	2.13	33.07	0.00
	112	10.32	-0.03	104.64	-2.13	54.52	0.04
12	111	-5.84	0.04	-48.62	1.10	22.47	0.03
	112	5.84	-0.04	98.65	-1.10	58.52	0.01
13	111	-7.99	0.10	-50.74	1.40	25.85	0.16
	112	7.99	-0.10	100.77	-1.40	57.48	-0.05
14	111	-7.87	-0.02	-50.87	1.71	24.77	-0.13
	112	7.87	0.02	100.91	-1.71	58.71	0.11
15	111	-10.14	0.03	-53.68	2.07	30.02	0.00
	112	10.14	-0.03	103.72	-2.07	56.55	0.04
16	111	-5.66	0.04	-47.69	1.03	19.43	0.04
	112	5.66	-0.04	97.73	-1.03	60.55	0.01
17	111	-7.70	0.14	-46.34	1.21	23.39	0.27
	112	7.70	-0.14	96.37	-1.21	55.11	-0.11
18	111	-7.49	-0.06	-46.56	1.73	21.59	-0.23
	112	7.49	0.06	96.60	-1.73	57.15	0.15
19	111	-11.28	0.03	-51.25	2.32	30.34	-0.01
	112	11.28	-0.03	101.28	-2.32	53.55	0.04
20	111	-3.81	0.05	-41.26	0.60	12.69	0.05
	112	3.81	-0.05	91.30	-0.60	60.22	0.00
21	111	-6.19	0.07	-38.78	1.12	21.33	0.11
	112	6.19	-0.07	77.27	-1.12	42.50	-0.03
22	111	-6.11	-0.01	-38.87	1.33	20.61	-0.09
	112	6.11	0.01	77.36	-1.33	43.32	0.07
23	111	-7.63	0.03	-40.74	1.57	24.11	0.00
	112	7.63	-0.03	79.23	-1.57	41.88	0.03
24	111	-4.64	0.03	-36.75	0.88	17.05	0.03
	112	4.64	-0.03	75.24	-0.88	44.54	0.01
25	111	-6.07	0.07	-38.16	1.08	19.29	0.11
	112	6.07	-0.07	76.65	-1.08	43.85	-0.03
26	111	-5.99	-0.01	-38.25	1.29	18.58	-0.08
	112	5.99	0.01	76.74	-1.29	44.67	0.07
27	111	-7.50	0.03	-40.12	1.52	22.08	0.00
	112	7.50	-0.03	78.61	-1.52	43.23	0.03
28	111	-4.52	0.03	-36.13	0.83	15.01	0.03
	112	4.52	-0.03	74.62	-0.83	45.90	0.01
29	111	-5.88	0.10	-35.23	0.95	17.66	0.18
	112	5.88	-0.10	73.72	-0.95	42.27	-0.07

30	111	-5.74	-0.04	-35.38	1.30	16.46	-0.15
	112	5.74	0.04	73.87	-1.30	43.63	0.10
31	111	-8.26	0.02	-38.50	1.69	22.29	0.00
	112	8.26	-0.02	76.99	-1.69	41.23	0.03
32	111	-3.28	0.04	-31.84	0.55	10.52	0.04
	112	3.28	-0.04	70.33	-0.55	45.68	0.00
33	111	-5.59	0.03	-32.53	1.09	15.48	0.02
	112	5.59	-0.03	71.02	-1.09	41.47	0.01
34	111	-5.68	0.03	-33.67	1.11	16.20	0.02
	112	5.68	-0.03	72.16	-1.11	42.01	0.01
35	111	-5.61	0.04	-32.49	1.05	15.56	0.05
	112	5.61	-0.04	70.98	-1.05	41.35	0.00
36	111	-5.58	0.02	-32.53	1.12	15.32	-0.01
	112	5.58	-0.02	71.01	-1.12	41.63	0.03
37	111	-6.08	0.03	-33.15	1.20	16.49	0.02
	112	6.08	-0.03	71.64	-1.20	41.15	0.02
38	111	-5.09	0.03	-31.82	0.97	14.13	0.02
	112	5.09	-0.03	70.31	-0.97	42.04	0.01
39	111	-5.59	0.03	-32.53	1.09	15.48	0.02
	112	5.59	-0.03	71.02	-1.09	41.47	0.01
40	111	-1.25	1.66	-2.16	-2.93	21.66	3.93
	112	1.25	-1.66	2.16	2.93	-19.29	-2.11
41	111	-1.98	1.45	-2.76	-2.63	22.83	3.44
	112	1.98	-1.45	2.76	2.63	-19.80	-1.85
42	111	-19.59	-0.57	-26.65	3.64	42.84	-1.18
	112	19.59	0.57	26.65	-3.64	-13.53	0.56
43	111	-23.50	-0.63	-31.11	4.62	50.09	-1.26
	112	23.50	0.63	31.11	-4.62	-15.87	0.57
44	111	-12.72	1.52	-42.68	-0.75	50.00	3.60
	112	12.72	-1.52	81.17	0.75	18.12	-1.93
45	111	-0.96	1.86	-26.69	-2.93	24.29	4.31
	112	0.96	-1.86	65.18	2.93	26.24	-2.27
46	111	-13.89	1.50	-44.02	-0.45	52.17	3.58
	112	13.89	-1.50	82.51	0.45	17.42	-1.93
47	111	0.21	1.88	-25.35	-3.23	22.12	4.33
	112	-0.21	-1.88	63.84	3.23	26.94	-2.27
48	111	-10.22	-1.80	-38.36	5.12	6.68	-4.27
	112	10.22	1.80	76.85	-5.12	56.69	2.29
49	111	1.53	-1.46	-22.38	2.93	-19.03	-3.56
	112	-1.53	1.46	60.86	-2.93	64.81	1.96
50	111	-11.39	-1.81	-39.70	5.41	8.85	-4.29
	112	11.39	1.81	78.19	-5.41	55.99	2.30
51	111	2.71	-1.44	-21.04	2.64	-21.20	-3.54
	112	-2.71	1.44	59.53	-2.64	65.51	1.95
52	111	-13.45	1.31	-43.28	-0.45	51.17	3.11
	112	13.45	-1.31	81.77	0.45	17.61	-1.67
53	111	-1.70	1.65	-27.29	-2.63	25.46	3.82
	112	1.70	-1.65	65.78	2.63	25.73	-2.01
54	111	-14.62	1.29	-44.62	-0.15	53.34	3.09
	112	14.62	-1.29	83.11	0.15	16.91	-1.67

	55	111	-0.52	1.66	-25.95	-2.93	23.29	3.84
		112	0.52	-1.66	64.44	2.93	26.43	-2.01
	56	111	-9.49	-1.59	-37.76	4.82	5.50	-3.78
		112	9.49	1.59	76.25	-4.82	57.20	2.03
	57	111	2.26	-1.25	-21.77	2.63	-20.20	-3.07
		112	-2.26	1.25	60.26	-2.63	65.32	1.70
	58	111	-10.66	-1.60	-39.10	5.11	7.68	-3.80
		112	10.66	1.60	77.59	-5.11	56.50	2.04
	59	111	3.44	-1.23	-20.44	2.34	-22.38	-3.05
		112	-3.44	1.23	58.92	-2.34	66.02	1.69
	60	111	-25.55	-0.04	-59.82	3.85	64.82	0.02
		112	25.55	0.04	98.31	-3.85	22.15	-0.06
	61	111	-24.80	-1.03	-58.53	5.61	51.83	-2.34
		112	24.80	1.03	97.02	-5.61	33.72	1.21
	62	111	-25.77	-0.10	-60.00	3.94	65.18	-0.13
		112	25.77	0.10	98.49	-3.94	22.00	0.02
	63	111	-24.59	-0.97	-58.35	5.52	51.48	-2.20
		112	24.59	0.97	96.84	-5.52	33.88	1.13
	64	111	13.62	1.09	-6.53	-3.43	-20.86	2.38
		112	-13.62	-1.09	45.01	3.43	49.21	-1.18
	65	111	14.37	0.10	-5.23	-1.67	-33.86	0.02
		112	-14.37	-0.10	43.72	1.67	60.78	0.09
	66	111	13.40	1.03	-6.71	-3.33	-20.51	2.24
		112	-13.40	-1.03	45.20	3.33	49.05	-1.10
	67	111	14.59	0.16	-5.05	-1.76	-34.21	0.17
		112	-14.59	-0.16	43.54	1.76	60.93	0.01
	68	111	-29.46	-0.10	-64.29	4.83	72.08	-0.06
		112	29.46	0.10	102.78	-4.83	19.81	-0.05
	69	111	-28.71	-1.09	-62.99	6.59	59.08	-2.42
		112	28.71	1.09	101.48	-6.59	31.38	1.22
	70	111	-29.68	-0.16	-64.47	4.92	72.43	-0.21
		112	29.68	0.16	102.96	-4.92	19.65	0.03
	71	111	-28.49	-1.03	-62.81	6.50	58.73	-2.27
		112	28.49	1.03	101.30	-6.50	31.53	1.14
	72	111	17.53	1.15	-2.06	-4.41	-28.11	2.46
		112	-17.53	-1.15	40.55	4.41	51.55	-1.19
	73	111	18.28	0.16	-0.77	-2.65	-41.11	0.10
		112	-18.28	-0.16	39.26	2.65	63.12	0.08
	74	111	17.31	1.09	-2.24	-4.32	-27.76	2.31
		112	-17.31	-1.09	40.73	4.32	51.40	-1.11
	75	111	18.50	0.22	-0.59	-2.74	-41.46	0.25
		112	-18.50	-0.22	39.08	2.74	63.28	0.00
145	1	112	-3.53	0.02	-10.96	0.76	-32.83	-0.01
		113	3.53	-0.02	26.36	-0.76	53.36	0.03
	2	112	-2.06	0.01	3.00	0.34	-8.63	0.00
		113	2.06	-0.01	20.09	-0.34	18.03	0.01
	3	112	-0.34	0.00	-2.10	0.09	-0.01	0.00
		113	0.34	0.00	2.10	-0.09	2.32	0.00
	4	112	-0.44	0.00	-3.14	0.10	-2.72	-0.01

	113	0.44	0.00	3.14	-0.10	6.17	0.00
5	112	-0.07	0.07	0.07	-0.19	0.56	0.09
	113	0.07	-0.07	-0.07	0.19	-0.63	-0.01
6	112	0.07	-0.07	0.08	0.16	-0.80	-0.09
	113	-0.07	0.07	-0.08	-0.16	0.72	0.01
7	112	-2.45	-0.01	-2.93	0.55	1.60	-0.01
	113	2.45	0.01	2.93	-0.55	1.63	0.01
8	112	2.53	0.01	3.34	-0.59	-2.85	0.01
	113	-2.53	-0.01	-3.34	0.59	-0.83	-0.01
9	112	-8.17	0.10	-15.79	1.46	-55.46	0.05
	113	8.17	-0.10	65.82	-1.46	100.34	0.06
10	112	-8.05	-0.02	-15.78	1.78	-56.68	-0.11
	113	8.05	0.02	65.81	-1.78	101.56	0.08
11	112	-10.32	0.03	-18.49	2.13	-54.52	-0.04
	113	10.32	-0.03	68.52	-2.13	102.38	0.07
12	112	-5.84	0.04	-12.84	1.10	-58.52	-0.01
	113	5.84	-0.04	62.87	-1.10	100.16	0.06
13	112	-7.99	0.10	-15.00	1.40	-57.48	0.05
	113	7.99	-0.10	65.03	-1.40	101.50	0.06
14	112	-7.87	-0.02	-14.98	1.71	-58.71	-0.11
	113	7.87	0.02	65.02	-1.71	102.71	0.08
15	112	-10.14	0.03	-17.70	2.07	-56.55	-0.04
	113	10.14	-0.03	67.73	-2.07	103.53	0.07
16	112	-5.66	0.04	-12.04	1.03	-60.55	-0.01
	113	5.66	-0.04	62.08	-1.03	101.32	0.06
17	112	-7.70	0.14	-12.60	1.21	-55.11	0.11
	113	7.70	-0.14	62.64	-1.21	96.49	0.04
18	112	-7.49	-0.06	-12.58	1.73	-57.15	-0.15
	113	7.49	0.06	62.62	-1.73	98.51	0.08
19	112	-11.28	0.03	-17.10	2.32	-53.55	-0.04
	113	11.28	-0.03	67.14	-2.32	99.88	0.07
20	112	-3.81	0.05	-7.68	0.60	-60.22	0.00
	113	3.81	-0.05	57.72	-0.60	96.19	0.06
21	112	-6.19	0.07	-11.59	1.12	-42.50	0.03
	113	6.19	-0.07	50.08	-1.12	76.41	0.04
22	112	-6.11	-0.01	-11.58	1.33	-43.32	-0.07
	113	6.11	0.01	50.07	-1.33	77.22	0.06
23	112	-7.63	0.03	-13.39	1.57	-41.88	-0.03
	113	7.63	-0.03	51.88	-1.57	77.77	0.05
24	112	-4.64	0.03	-9.62	0.88	-44.54	-0.01
	113	4.64	-0.03	48.11	-0.88	76.30	0.05
25	112	-6.07	0.07	-11.06	1.08	-43.85	0.03
	113	6.07	-0.07	49.55	-1.08	77.18	0.04
26	112	-5.99	-0.01	-11.05	1.29	-44.67	-0.07
	113	5.99	0.01	49.54	-1.29	77.99	0.06
27	112	-7.50	0.03	-12.86	1.52	-43.23	-0.03
	113	7.50	-0.03	51.35	-1.52	78.54	0.05
28	112	-4.52	0.03	-9.09	0.83	-45.90	-0.01
	113	4.52	-0.03	47.58	-0.83	77.07	0.05
29	112	-5.88	0.10	-9.46	0.95	-42.27	0.07

	113	5.88	-0.10	47.95	-0.95	73.84	0.04
30	112	-5.74	-0.04	-9.45	1.30	-43.63	-0.10
	113	5.74	0.04	47.94	-1.30	75.19	0.06
31	112	-8.26	0.02	-12.46	1.69	-41.23	-0.03
	113	8.26	-0.02	50.95	-1.69	76.11	0.05
32	112	-3.28	0.04	-6.18	0.55	-45.68	0.00
	113	3.28	-0.04	44.67	-0.55	73.65	0.04
33	112	-5.59	0.03	-7.96	1.09	-41.47	-0.01
	113	5.59	-0.03	46.45	-1.09	71.39	0.05
34	112	-5.68	0.03	-8.59	1.11	-42.01	-0.01
	113	5.68	-0.03	47.08	-1.11	72.63	0.05
35	112	-5.61	0.04	-7.95	1.05	-41.35	0.00
	113	5.61	-0.04	46.44	-1.05	71.26	0.04
36	112	-5.58	0.02	-7.94	1.12	-41.63	-0.03
	113	5.58	-0.02	46.43	-1.12	71.53	0.05
37	112	-6.08	0.03	-8.55	1.20	-41.15	-0.02
	113	6.08	-0.03	47.04	-1.20	71.72	0.05
38	112	-5.09	0.03	-7.29	0.97	-42.04	-0.01
	113	5.09	-0.03	45.78	-0.97	71.22	0.05
39	112	-5.59	0.03	-7.96	1.09	-41.47	-0.01
	113	5.59	-0.03	46.45	-1.09	71.39	0.05
40	112	-1.25	1.66	-3.36	-2.93	19.29	2.11
	113	1.25	-1.66	3.36	2.93	-15.59	-0.29
41	112	-1.98	1.45	-3.88	-2.63	19.80	1.85
	113	1.98	-1.45	3.88	2.63	-15.53	-0.26
42	112	-19.59	-0.57	-24.59	3.64	13.53	-0.56
	113	19.59	0.57	24.59	-3.64	13.52	-0.06
43	112	-23.50	-0.63	-28.73	4.62	15.87	-0.57
	113	23.50	0.63	28.73	-4.62	15.74	-0.12
44	112	-12.72	1.52	-18.70	-0.75	-18.12	1.93
	113	12.72	-1.52	57.19	0.75	59.86	-0.26
45	112	-0.96	1.86	-3.94	-2.93	-26.24	2.27
	113	0.96	-1.86	42.43	2.93	51.75	-0.22
46	112	-13.89	1.50	-19.94	-0.45	-17.42	1.93
	113	13.89	-1.50	58.43	0.45	60.52	-0.28
47	112	0.21	1.88	-2.70	-3.23	-26.94	2.27
	113	-0.21	-1.88	41.19	3.23	51.08	-0.21
48	112	-10.22	-1.80	-11.98	5.12	-56.69	-2.29
	113	10.22	1.80	50.47	-5.12	91.04	0.32
49	112	1.53	-1.46	2.78	2.93	-64.81	-1.96
	113	-1.53	1.46	35.71	-2.93	82.92	0.35
50	112	-11.39	-1.81	-13.22	5.41	-55.99	-2.30
	113	11.39	1.81	51.71	-5.41	91.70	0.30
51	112	2.71	-1.44	4.02	2.64	-65.51	-1.95
	113	-2.71	1.44	34.47	-2.64	82.26	0.37
52	112	-13.45	1.31	-19.22	-0.45	-17.61	1.67
	113	13.45	-1.31	57.70	0.45	59.92	-0.23
53	112	-1.70	1.65	-4.46	-2.63	-25.73	2.01
	113	1.70	-1.65	42.95	2.63	51.80	-0.19
54	112	-14.62	1.29	-20.46	-0.15	-16.91	1.67

	113	14.62	-1.29	58.95	0.15	60.58	-0.25	
55	112	-0.52	1.66	-3.22	-2.93	-26.43	2.01	
	113	0.52	-1.66	41.71	2.93	51.14	-0.18	
56	112	-9.49	-1.59	-11.46	4.82	-57.20	-2.03	
	113	9.49	1.59	49.95	-4.82	90.98	0.29	
57	112	2.26	-1.25	3.29	2.63	-65.32	-1.70	
	113	-2.26	1.25	35.19	-2.63	82.87	0.33	
58	112	-10.66	-1.60	-12.70	5.11	-56.50	-2.04	
	113	10.66	1.60	51.19	-5.11	91.64	0.27	
59	112	3.44	-1.23	4.54	2.34	-66.02	-1.69	
	113	-3.44	1.23	33.95	-2.34	82.20	0.34	
60	112	-25.55	-0.04	-33.56	3.85	-22.15	0.06	
	113	25.55	0.04	72.05	-3.85	80.24	-0.10	
61	112	-24.80	-1.03	-31.55	5.61	-33.72	-1.21	
	113	24.80	1.03	70.03	-5.61	89.59	0.07	
62	112	-25.77	-0.10	-33.72	3.94	-22.00	-0.02	
	113	25.77	0.10	72.21	-3.94	80.26	-0.10	
63	112	-24.59	-0.97	-31.39	5.52	-33.88	-1.13	
	113	24.59	0.97	69.88	-5.52	89.57	0.06	
64	112	13.62	1.09	15.62	-3.43	-49.21	1.18	
	113	-13.62	-1.09	22.86	3.43	53.19	0.03	
65	112	14.37	0.10	17.64	-1.67	-60.78	-0.09	
	113	-14.37	-0.10	20.85	1.67	62.54	0.20	
66	112	13.40	1.03	15.47	-3.33	-49.05	1.10	
	113	-13.40	-1.03	23.02	3.33	53.21	0.03	
67	112	14.59	0.16	17.80	-1.76	-60.93	-0.01	
	113	-14.59	-0.16	20.69	1.76	62.53	0.19	
68	112	-29.46	-0.10	-37.70	4.83	-19.81	0.05	
	113	29.46	0.10	76.19	-4.83	82.45	-0.16	
69	112	-28.71	-1.09	-35.69	6.59	-31.38	-1.22	
	113	28.71	1.09	74.18	-6.59	91.80	0.02	
70	112	-29.68	-0.16	-37.86	4.92	-19.65	-0.03	
	113	29.68	0.16	76.35	-4.92	82.47	-0.15	
71	112	-28.49	-1.03	-35.53	6.50	-31.53	-1.14	
	113	28.49	1.03	74.02	-6.50	91.79	0.01	
72	112	17.53	1.15	19.77	-4.41	-51.55	1.19	
	113	-17.53	-1.15	18.72	4.41	50.98	0.08	
73	112	18.28	0.16	21.78	-2.65	-63.12	-0.08	
	113	-18.28	-0.16	16.71	2.65	60.33	0.25	
74	112	17.31	1.09	19.61	-4.32	-51.40	1.11	
	113	-17.31	-1.09	18.88	4.32	50.99	0.09	
75	112	18.50	0.22	21.94	-2.74	-63.28	0.00	
	113	-18.50	-0.22	16.55	2.74	60.31	0.24	
146	1	113	-3.53	0.02	7.00	0.76	-53.36	-0.03
		114	3.53	-0.02	8.40	-0.76	54.13	0.06
2	113	-2.06	0.01	9.63	0.34	-18.03	-0.01	
	114	2.06	-0.01	13.46	-0.34	20.13	0.02	
3	113	-0.34	0.00	-0.73	0.09	-2.32	0.00	
	114	0.34	0.00	0.73	-0.09	3.12	0.00	

4	113	-0.44	0.00	-0.55	0.10	-6.17	0.00
	114	0.44	0.00	0.55	-0.10	6.78	0.00
5	113	-0.07	0.07	-0.04	-0.19	0.63	0.01
	114	0.07	-0.07	0.04	0.19	-0.59	0.06
6	113	0.07	-0.07	0.15	0.16	-0.72	-0.01
	114	-0.07	0.07	-0.15	-0.16	0.55	-0.06
7	113	-2.45	-0.01	-2.66	0.55	-1.63	-0.01
	114	2.45	0.01	2.66	-0.55	4.55	0.00
8	113	2.53	0.01	3.05	-0.59	0.83	0.01
	114	-2.53	-0.01	-3.05	0.59	-4.18	0.00
9	113	-8.17	0.10	20.08	1.46	-100.34	-0.06
	114	8.17	-0.10	29.96	-1.46	105.78	0.17
10	113	-8.05	-0.02	20.25	1.78	-101.56	-0.08
	114	8.05	0.02	29.79	-1.78	106.80	0.05
11	113	-10.32	0.03	17.72	2.13	-102.38	-0.07
	114	10.32	-0.03	32.32	-2.13	110.41	0.11
12	113	-5.84	0.04	22.85	1.10	-100.16	-0.06
	114	5.84	-0.04	27.18	-1.10	102.55	0.11
13	113	-7.99	0.10	20.76	1.40	-101.50	-0.06
	114	7.99	-0.10	29.28	-1.40	106.18	0.17
14	113	-7.87	-0.02	20.93	1.71	-102.71	-0.08
	114	7.87	0.02	29.10	-1.71	107.21	0.05
15	113	-10.14	0.03	18.40	2.07	-103.53	-0.07
	114	10.14	-0.03	31.63	-2.07	110.81	0.11
16	113	-5.66	0.04	23.54	1.03	-101.32	-0.06
	114	5.66	-0.04	26.50	-1.03	102.95	0.11
17	113	-7.70	0.14	21.15	1.21	-96.49	-0.04
	114	7.70	-0.14	28.88	-1.21	100.74	0.20
18	113	-7.49	-0.06	21.44	1.73	-98.51	-0.08
	114	7.49	0.06	28.60	-1.73	102.45	0.01
19	113	-11.28	0.03	17.23	2.32	-99.88	-0.07
	114	11.28	-0.03	32.81	-2.32	108.45	0.10
20	113	-3.81	0.05	25.78	0.60	-96.19	-0.06
	114	3.81	-0.05	24.25	-0.60	95.35	0.11
21	113	-6.19	0.07	15.60	1.12	-76.41	-0.04
	114	6.19	-0.07	22.89	-1.12	80.42	0.12
22	113	-6.11	-0.01	15.72	1.33	-77.22	-0.06
	114	6.11	0.01	22.77	-1.33	81.10	0.05
23	113	-7.63	0.03	14.03	1.57	-77.77	-0.05
	114	7.63	-0.03	24.46	-1.57	83.51	0.08
24	113	-4.64	0.03	17.45	0.88	-76.30	-0.05
	114	4.64	-0.03	21.04	-0.88	78.27	0.09
25	113	-6.07	0.07	16.06	1.08	-77.18	-0.04
	114	6.07	-0.07	22.43	-1.08	80.69	0.12
26	113	-5.99	-0.01	16.17	1.29	-77.99	-0.06
	114	5.99	0.01	22.32	-1.29	81.37	0.05
27	113	-7.50	0.03	14.49	1.52	-78.54	-0.05
	114	7.50	-0.03	24.00	-1.52	83.78	0.08
28	113	-4.52	0.03	17.91	0.83	-77.07	-0.05
	114	4.52	-0.03	20.58	-0.83	78.53	0.09

29	113	-5.88	0.10	16.32	0.95	-73.84	-0.04
	114	5.88	-0.10	22.17	-0.95	77.06	0.14
30	113	-5.74	-0.04	16.51	1.30	-75.19	-0.06
	114	5.74	0.04	21.98	-1.30	78.20	0.02
31	113	-8.26	0.02	13.70	1.69	-76.11	-0.05
	114	8.26	-0.02	24.79	-1.69	82.20	0.08
32	113	-3.28	0.04	19.41	0.55	-73.65	-0.04
	114	3.28	-0.04	19.08	-0.55	73.47	0.08
33	113	-5.59	0.03	16.63	1.09	-71.39	-0.05
	114	5.59	-0.03	21.86	-1.09	74.26	0.08
34	113	-5.68	0.03	16.52	1.11	-72.63	-0.05
	114	5.68	-0.03	21.97	-1.11	75.62	0.08
35	113	-5.61	0.04	16.63	1.05	-71.26	-0.04
	114	5.61	-0.04	21.86	-1.05	74.14	0.09
36	113	-5.58	0.02	16.66	1.12	-71.53	-0.05
	114	5.58	-0.02	21.82	-1.12	74.37	0.07
37	113	-6.08	0.03	16.10	1.20	-71.72	-0.05
	114	6.08	-0.03	22.39	-1.20	75.17	0.08
38	113	-5.09	0.03	17.24	0.97	-71.22	-0.05
	114	5.09	-0.03	21.25	-0.97	73.43	0.08
39	113	-5.59	0.03	16.63	1.09	-71.39	-0.05
	114	5.59	-0.03	21.86	-1.09	74.26	0.08
40	113	-1.25	1.66	-4.79	-2.93	15.59	0.29
	114	1.25	-1.66	4.79	2.93	-10.32	1.53
41	113	-1.98	1.45	-5.17	-2.63	15.53	0.26
	114	1.98	-1.45	5.17	2.63	-9.84	1.33
42	113	-19.59	-0.57	-21.39	3.64	-13.52	0.06
	114	19.59	0.57	21.39	-3.64	37.05	-0.69
43	113	-23.50	-0.63	-25.03	4.62	-15.74	0.12
	114	23.50	0.63	25.03	-4.62	43.27	-0.81
44	113	-12.72	1.52	5.43	-0.75	-59.86	0.26
	114	12.72	-1.52	33.06	0.75	75.06	1.41
45	113	-0.96	1.86	18.26	-2.93	-51.75	0.22
	114	0.96	-1.86	20.23	2.93	52.83	1.82
46	113	-13.89	1.50	4.33	-0.45	-60.52	0.28
	114	13.89	-1.50	34.16	0.45	76.93	1.37
47	113	0.21	1.88	19.35	-3.23	-51.08	0.21
	114	-0.21	-1.88	19.14	3.23	50.97	1.86
48	113	-10.22	-1.80	15.01	5.12	-91.04	-0.32
	114	10.22	1.80	23.48	-5.12	95.69	-1.66
49	113	1.53	-1.46	27.84	2.93	-82.92	-0.35
	114	-1.53	1.46	10.65	-2.93	73.46	-1.25
50	113	-11.39	-1.81	13.92	5.41	-91.70	-0.30
	114	11.39	1.81	24.57	-5.41	97.56	-1.70
51	113	2.71	-1.44	28.93	2.64	-82.26	-0.37
	114	-2.71	1.44	9.55	-2.64	71.60	-1.21
52	113	-13.45	1.31	5.04	-0.45	-59.92	0.23
	114	13.45	-1.31	33.44	0.45	75.53	1.20
53	113	-1.70	1.65	17.88	-2.63	-51.80	0.19
	114	1.70	-1.65	20.61	2.63	53.31	1.62

	54	113	-14.62	1.29	3.95	-0.15	-60.58	0.25
		114	14.62	-1.29	34.54	0.15	77.40	1.17
	55	113	-0.52	1.66	18.97	-2.93	-51.14	0.18
		114	0.52	-1.66	19.52	2.93	51.44	1.65
	56	113	-9.49	-1.59	15.39	4.82	-90.98	-0.29
		114	9.49	1.59	23.10	-4.82	95.22	-1.46
	57	113	2.26	-1.25	28.22	2.63	-82.87	-0.33
		114	-2.26	1.25	10.27	-2.63	72.99	-1.04
	58	113	-10.66	-1.60	14.30	5.11	-91.64	-0.27
		114	10.66	1.60	24.19	-5.11	97.09	-1.49
	59	113	3.44	-1.23	29.32	2.34	-82.20	-0.34
		114	-3.44	1.23	9.17	-2.34	71.13	-1.01
	60	113	-25.55	-0.04	-6.19	3.85	-80.24	0.10
		114	25.55	0.04	44.68	-3.85	108.22	-0.15
	61	113	-24.80	-1.03	-3.31	5.61	-89.59	-0.07
		114	24.80	1.03	41.80	-5.61	114.41	-1.07
	62	113	-25.77	-0.10	-6.30	3.94	-80.26	0.10
		114	25.77	0.10	44.79	-3.94	108.36	-0.21
	63	113	-24.59	-0.97	-3.20	5.52	-89.57	-0.06
		114	24.59	0.97	41.69	-5.52	114.26	-1.01
	64	113	13.62	1.09	36.58	-3.43	-53.19	-0.03
		114	-13.62	-1.09	1.91	3.43	34.12	1.23
	65	113	14.37	0.10	39.46	-1.67	-62.54	-0.20
		114	-14.37	-0.10	-0.97	1.67	40.31	0.31
	66	113	13.40	1.03	36.47	-3.33	-53.21	-0.03
		114	-13.40	-1.03	2.02	3.33	34.26	1.17
	67	113	14.59	0.16	39.57	-1.76	-62.53	-0.19
		114	-14.59	-0.16	-1.08	1.76	40.17	0.37
	68	113	-29.46	-0.10	-9.83	4.83	-82.45	0.16
		114	29.46	0.10	48.32	-4.83	114.43	-0.26
	69	113	-28.71	-1.09	-6.96	6.59	-91.80	-0.02
		114	28.71	1.09	45.45	-6.59	120.62	-1.19
	70	113	-29.68	-0.16	-9.95	4.92	-82.47	0.15
		114	29.68	0.16	48.44	-4.92	114.58	-0.33
	71	113	-28.49	-1.03	-6.84	6.50	-91.79	-0.01
		114	28.49	1.03	45.33	-6.50	120.48	-1.12
	72	113	17.53	1.15	40.22	-4.41	-50.98	-0.08
		114	-17.53	-1.15	-1.73	4.41	27.90	1.35
	73	113	18.28	0.16	43.10	-2.65	-60.33	-0.25
		114	-18.28	-0.16	-4.61	2.65	34.09	0.43
	74	113	17.31	1.09	40.11	-4.32	-50.99	-0.09
		114	-17.31	-1.09	-1.62	4.32	28.04	1.29
	75	113	18.50	0.22	43.21	-2.74	-60.31	-0.24
		114	-18.50	-0.22	-4.72	2.74	33.95	0.49
147	1	114	-3.53	0.02	25.26	0.76	-54.13	-0.06
		115	3.53	-0.02	-9.86	-0.76	34.82	0.08
	2	114	-2.06	0.01	16.29	0.34	-20.13	-0.02
		115	2.06	-0.01	6.80	-0.34	14.91	0.03
	3	114	-0.34	0.00	0.62	0.09	-3.12	0.00

	115	0.34	0.00	-0.62	-0.09	2.44	0.00
4	114	-0.44	0.00	2.04	0.10	-6.78	0.00
	115	0.44	0.00	-2.04	-0.10	4.53	0.00
5	114	-0.07	0.07	-0.15	-0.19	0.59	-0.06
	115	0.07	-0.07	0.15	0.19	-0.43	0.14
6	114	0.07	-0.07	0.24	0.16	-0.55	0.06
	115	-0.07	0.07	-0.24	-0.16	0.28	-0.14
7	114	-2.45	-0.01	-2.26	0.55	-4.55	0.00
	115	2.45	0.01	2.26	-0.55	7.04	-0.01
8	114	2.53	0.01	2.66	-0.59	4.18	0.00
	115	-2.53	-0.01	-2.66	0.59	-7.11	0.01
9	114	-8.17	0.10	56.34	1.46	-105.78	-0.17
	115	8.17	-0.10	-6.31	-1.46	71.32	0.28
10	114	-8.05	-0.02	56.69	1.78	-106.80	-0.05
	115	8.05	0.02	-6.65	-1.78	71.96	0.03
11	114	-10.32	0.03	54.44	2.13	-110.41	-0.11
	115	10.32	-0.03	-4.40	-2.13	78.05	0.14
12	114	-5.84	0.04	58.87	1.10	-102.55	-0.11
	115	5.84	-0.04	-8.83	-1.10	65.31	0.16
13	114	-7.99	0.10	56.95	1.40	-106.18	-0.17
	115	7.99	-0.10	-6.91	-1.40	71.06	0.28
14	114	-7.87	-0.02	57.30	1.71	-107.21	-0.05
	115	7.87	0.02	-7.26	-1.71	71.70	0.03
15	114	-10.14	0.03	55.04	2.07	-110.81	-0.11
	115	10.14	-0.03	-5.01	-2.07	77.78	0.14
16	114	-5.66	0.04	59.47	1.03	-102.95	-0.11
	115	5.66	-0.04	-9.44	-1.03	65.05	0.16
17	114	-7.70	0.14	55.33	1.21	-100.74	-0.20
	115	7.70	-0.14	-5.29	-1.21	67.40	0.36
18	114	-7.49	-0.06	55.91	1.73	-102.45	-0.01
	115	7.49	0.06	-5.87	-1.73	68.47	-0.06
19	114	-11.28	0.03	52.15	2.32	-108.45	-0.10
	115	11.28	-0.03	-2.12	-2.32	78.61	0.13
20	114	-3.81	0.05	59.53	0.60	-95.35	-0.11
	115	3.81	-0.05	-9.50	-0.60	57.39	0.17
21	114	-6.19	0.07	43.10	1.12	-80.42	-0.12
	115	6.19	-0.07	-4.61	-1.12	54.18	0.20
22	114	-6.11	-0.01	43.33	1.33	-81.10	-0.05
	115	6.11	0.01	-4.84	-1.33	54.61	0.03
23	114	-7.63	0.03	41.83	1.57	-83.51	-0.08
	115	7.63	-0.03	-3.34	-1.57	58.66	0.11
24	114	-4.64	0.03	44.78	0.88	-78.27	-0.09
	115	4.64	-0.03	-6.29	-0.88	50.17	0.12
25	114	-6.07	0.07	43.50	1.08	-80.69	-0.12
	115	6.07	-0.07	-5.02	-1.08	54.00	0.20
26	114	-5.99	-0.01	43.74	1.29	-81.37	-0.05
	115	5.99	0.01	-5.25	-1.29	54.43	0.03
27	114	-7.50	0.03	42.23	1.52	-83.78	-0.08
	115	7.50	-0.03	-3.75	-1.52	58.49	0.11
28	114	-4.52	0.03	45.19	0.83	-78.53	-0.09

	115	4.52	-0.03	-6.70	-0.83	50.00	0.12
29	114	-5.88	0.10	42.42	0.95	-77.06	-0.14
	115	5.88	-0.10	-3.93	-0.95	51.56	0.25
30	114	-5.74	-0.04	42.81	1.30	-78.20	-0.02
	115	5.74	0.04	-4.32	-1.30	52.28	-0.02
31	114	-8.26	0.02	40.31	1.69	-82.20	-0.08
	115	8.26	-0.02	-1.82	-1.69	59.04	0.10
32	114	-3.28	0.04	45.23	0.55	-73.47	-0.08
	115	3.28	-0.04	-6.74	-0.55	44.89	0.13
33	114	-5.59	0.03	41.55	1.09	-74.26	-0.08
	115	5.59	-0.03	-3.06	-1.09	49.73	0.11
34	114	-5.68	0.03	41.96	1.11	-75.62	-0.08
	115	5.68	-0.03	-3.47	-1.11	50.64	0.11
35	114	-5.61	0.04	41.52	1.05	-74.14	-0.09
	115	5.61	-0.04	-3.03	-1.05	49.64	0.14
36	114	-5.58	0.02	41.60	1.12	-74.37	-0.07
	115	5.58	-0.02	-3.11	-1.12	49.79	0.09
37	114	-6.08	0.03	41.10	1.20	-75.17	-0.08
	115	6.08	-0.03	-2.61	-1.20	51.14	0.11
38	114	-5.09	0.03	42.08	0.97	-73.43	-0.08
	115	5.09	-0.03	-3.59	-0.97	48.31	0.12
39	114	-5.59	0.03	41.55	1.09	-74.26	-0.08
	115	5.59	-0.03	-3.06	-1.09	49.73	0.11
40	114	-1.25	1.66	-6.52	-2.93	10.32	-1.53
	115	1.25	-1.66	6.52	2.93	-3.14	3.36
41	114	-1.98	1.45	-6.72	-2.63	9.84	-1.33
	115	1.98	-1.45	6.72	2.63	-2.45	2.92
42	114	-19.59	-0.57	-16.96	3.64	-37.05	0.69
	115	19.59	0.57	16.96	-3.64	55.71	-1.31
43	114	-23.50	-0.63	-19.92	4.62	-43.27	0.81
	115	23.50	0.63	19.92	-4.62	65.18	-1.49
44	114	-12.72	1.52	29.93	-0.75	-75.06	-1.41
	115	12.72	-1.52	8.55	0.75	63.30	3.08
45	114	-0.96	1.86	40.11	-2.93	-52.83	-1.82
	115	0.96	-1.86	-1.62	2.93	29.88	3.87
46	114	-13.89	1.50	29.05	-0.45	-76.93	-1.37
	115	13.89	-1.50	9.44	0.45	66.14	3.02
47	114	0.21	1.88	41.00	-3.23	-50.97	-1.86
	115	-0.21	-1.88	-2.51	3.23	27.04	3.92
48	114	-10.22	-1.80	42.98	5.12	-95.69	1.66
	115	10.22	1.80	-4.49	-5.12	69.58	-3.64
49	114	1.53	-1.46	53.16	2.93	-73.46	1.25
	115	-1.53	1.46	-14.67	-2.93	36.16	-2.85
50	114	-11.39	-1.81	42.10	5.41	-97.56	1.70
	115	11.39	1.81	-3.61	-5.41	72.42	-3.69
51	114	2.71	-1.44	54.05	2.64	-71.60	1.21
	115	-2.71	1.44	-15.56	-2.64	33.32	-2.80
52	114	-13.45	1.31	29.74	-0.45	-75.53	-1.20
	115	13.45	-1.31	8.75	0.45	63.99	2.64
53	114	-1.70	1.65	39.92	-2.63	-53.31	-1.62

	115	1.70	-1.65	-1.43	2.63	30.57	3.43	
54	114	-14.62	1.29	28.85	-0.15	-77.40	-1.17	
	115	14.62	-1.29	9.64	0.15	66.83	2.59	
55	114	-0.52	1.66	40.80	-2.93	-51.44	-1.65	
	115	0.52	-1.66	-2.32	2.93	27.73	3.48	
56	114	-9.49	-1.59	43.18	4.82	-95.22	1.46	
	115	9.49	1.59	-4.69	-4.82	68.89	-3.20	
57	114	2.26	-1.25	53.36	2.63	-72.99	1.04	
	115	-2.26	1.25	-14.87	-2.63	35.47	-2.41	
58	114	-10.66	-1.60	42.29	5.11	-97.09	1.49	
	115	10.66	1.60	-3.80	-5.11	71.73	-3.25	
59	114	3.44	-1.23	54.24	2.34	-71.13	1.01	
	115	-3.44	1.23	-15.75	-2.34	32.63	-2.36	
60	114	-25.55	-0.04	22.63	3.85	-108.22	0.15	
	115	25.55	0.04	15.86	-3.85	104.50	-0.19	
61	114	-24.80	-1.03	26.54	5.61	-114.41	1.07	
	115	24.80	1.03	11.95	-5.61	106.38	-2.20	
62	114	-25.77	-0.10	22.57	3.94	-108.36	0.21	
	115	25.77	0.10	15.92	-3.94	104.70	-0.32	
63	114	-24.59	-0.97	26.60	5.52	-114.26	1.01	
	115	24.59	0.97	11.89	-5.52	106.17	-2.07	
64	114	13.62	1.09	56.56	-3.43	-34.12	-1.23	
	115	-13.62	-1.09	-18.07	3.43	-6.92	2.43	
65	114	14.37	0.10	60.47	-1.67	-40.31	-0.31	
	115	-14.37	-0.10	-21.98	1.67	-5.04	0.42	
66	114	13.40	1.03	56.50	-3.33	-34.26	-1.17	
	115	-13.40	-1.03	-18.01	3.33	-6.71	2.30	
67	114	14.59	0.16	60.53	-1.76	-40.17	-0.37	
	115	-14.59	-0.16	-22.04	1.76	-5.24	0.55	
68	114	-29.46	-0.10	19.67	4.83	-114.43	0.26	
	115	29.46	0.10	18.82	-4.83	113.97	-0.37	
69	114	-28.71	-1.09	23.58	6.59	-120.62	1.19	
	115	28.71	1.09	14.91	-6.59	115.85	-2.39	
70	114	-29.68	-0.16	19.61	4.92	-114.58	0.33	
	115	29.68	0.16	18.88	-4.92	114.17	-0.50	
71	114	-28.49	-1.03	23.64	6.50	-120.48	1.12	
	115	28.49	1.03	14.85	-6.50	115.64	-2.26	
72	114	17.53	1.15	59.51	-4.41	-27.90	-1.35	
	115	-17.53	-1.15	-21.02	4.41	-16.39	2.61	
73	114	18.28	0.16	63.43	-2.65	-34.09	-0.43	
	115	-18.28	-0.16	-24.94	2.65	-14.51	0.60	
74	114	17.31	1.09	59.45	-4.32	-28.04	-1.29	
	115	-17.31	-1.09	-20.96	4.32	-16.19	2.48	
75	114	18.50	0.22	63.48	-2.74	-33.95	-0.49	
	115	-18.50	-0.22	-25.00	2.74	-14.71	0.73	
148	1	115	-3.53	0.02	44.03	0.76	-34.82	-0.08
		12	3.53	-0.02	-34.58	-0.76	8.29	0.10
	2	115	-2.06	0.01	23.06	0.34	-14.91	-0.03
		12	2.06	-0.01	-8.89	-0.34	4.12	0.04

3	115	-0.34	0.00	1.97	0.09	-2.44	0.00
	12	0.34	0.00	-1.97	-0.09	1.11	0.00
4	115	-0.44	0.00	4.69	0.10	-4.53	0.00
	12	0.44	0.00	-4.69	-0.10	1.37	0.00
5	115	-0.07	0.07	-0.27	-0.19	0.43	-0.14
	12	0.07	-0.07	0.27	0.19	-0.25	0.18
6	115	0.07	-0.07	0.34	0.16	-0.28	0.14
	12	-0.07	0.07	-0.34	-0.16	0.05	-0.19
7	115	-2.45	-0.01	-1.73	0.55	-7.04	0.01
	12	2.45	0.01	1.73	-0.55	8.21	-0.02
8	115	2.53	0.01	2.15	-0.59	7.11	-0.01
	12	-2.53	-0.01	-2.15	0.59	-8.56	0.01
9	115	-8.17	0.10	93.45	1.46	-71.32	-0.28
	12	8.17	-0.10	-62.74	-1.46	18.61	0.34
10	115	-8.05	-0.02	93.99	1.78	-71.96	-0.03
	12	8.05	0.02	-63.29	-1.78	18.88	0.01
11	115	-10.32	0.03	92.12	2.13	-78.05	-0.14
	12	10.32	-0.03	-61.42	-2.13	26.23	0.16
12	115	-5.84	0.04	95.62	1.10	-65.31	-0.16
	12	5.84	-0.04	-64.92	-1.10	11.13	0.19
13	115	-7.99	0.10	94.01	1.40	-71.06	-0.28
	12	7.99	-0.10	-63.30	-1.40	17.97	0.34
14	115	-7.87	-0.02	94.55	1.71	-71.70	-0.03
	12	7.87	0.02	-63.85	-1.71	18.24	0.01
15	115	-10.14	0.03	92.68	2.07	-77.78	-0.14
	12	10.14	-0.03	-61.98	-2.07	25.58	0.16
16	115	-5.66	0.04	96.18	1.03	-65.05	-0.16
	12	5.66	-0.04	-65.48	-1.03	10.49	0.19
17	115	-7.70	0.14	90.33	1.21	-67.40	-0.36
	12	7.70	-0.14	-59.63	-1.21	16.79	0.45
18	115	-7.49	-0.06	91.24	1.73	-68.47	0.06
	12	7.49	0.06	-60.54	-1.73	17.25	-0.10
19	115	-11.28	0.03	88.13	2.32	-78.61	-0.13
	12	11.28	-0.03	-57.42	-2.32	29.48	0.15
20	115	-3.81	0.05	93.96	0.60	-57.39	-0.17
	12	3.81	-0.05	-63.26	-0.60	4.32	0.20
21	115	-6.19	0.07	71.24	1.12	-54.18	-0.20
	12	6.19	-0.07	-47.62	-1.12	14.06	0.25
22	115	-6.11	-0.01	71.61	1.33	-54.61	-0.03
	12	6.11	0.01	-47.99	-1.33	14.24	0.03
23	115	-7.63	0.03	70.36	1.57	-58.66	-0.11
	12	7.63	-0.03	-46.74	-1.57	19.14	0.13
24	115	-4.64	0.03	72.69	0.88	-50.17	-0.12
	12	4.64	-0.03	-49.08	-0.88	9.08	0.15
25	115	-6.07	0.07	71.62	1.08	-54.00	-0.20
	12	6.07	-0.07	-48.00	-1.08	13.63	0.25
26	115	-5.99	-0.01	71.98	1.29	-54.43	-0.03
	12	5.99	0.01	-48.36	-1.29	13.82	0.02
27	115	-7.50	0.03	70.73	1.52	-58.49	-0.11
	12	7.50	-0.03	-47.12	-1.52	18.71	0.13

28	115	-4.52	0.03	73.07	0.83	-50.00	-0.12
	12	4.52	-0.03	-49.45	-0.83	8.65	0.15
29	115	-5.88	0.10	69.17	0.95	-51.56	-0.25
	12	5.88	-0.10	-45.55	-0.95	12.85	0.32
30	115	-5.74	-0.04	69.77	1.30	-52.28	0.02
	12	5.74	0.04	-46.15	-1.30	13.15	-0.05
31	115	-8.26	0.02	67.70	1.69	-59.04	-0.10
	12	8.26	-0.02	-44.08	-1.69	21.31	0.12
32	115	-3.28	0.04	71.59	0.55	-44.89	-0.13
	12	3.28	-0.04	-47.97	-0.55	4.54	0.15
33	115	-5.59	0.03	67.09	1.09	-49.73	-0.11
	12	5.59	-0.03	-43.47	-1.09	12.42	0.13
34	115	-5.68	0.03	68.03	1.11	-50.64	-0.11
	12	5.68	-0.03	-44.41	-1.11	12.69	0.14
35	115	-5.61	0.04	67.03	1.05	-49.64	-0.14
	12	5.61	-0.04	-43.42	-1.05	12.37	0.17
36	115	-5.58	0.02	67.16	1.12	-49.79	-0.09
	12	5.58	-0.02	-43.54	-1.12	12.43	0.10
37	115	-6.08	0.03	66.74	1.20	-51.14	-0.11
	12	6.08	-0.03	-43.12	-1.20	14.06	0.13
38	115	-5.09	0.03	67.52	0.97	-48.31	-0.12
	12	5.09	-0.03	-43.90	-0.97	10.70	0.14
39	115	-5.59	0.03	67.09	1.09	-49.73	-0.11
	12	5.59	-0.03	-43.47	-1.09	12.42	0.13
40	115	-1.25	1.66	-8.60	-2.93	3.14	-3.36
	12	1.25	-1.66	8.60	2.93	2.67	4.48
41	115	-1.98	1.45	-8.56	-2.63	2.45	-2.92
	12	1.98	-1.45	8.56	2.63	3.33	3.90
42	115	-19.59	-0.57	-11.16	3.64	-55.71	1.31
	12	19.59	0.57	11.16	-3.64	63.24	-1.69
43	115	-23.50	-0.63	-13.22	4.62	-65.18	1.49
	12	23.50	0.63	13.22	-4.62	74.10	-1.92
44	115	-12.72	1.52	55.14	-0.75	-63.30	-3.08
	12	12.72	-1.52	-31.52	0.75	34.05	4.10
45	115	-0.96	1.86	61.84	-2.93	-29.88	-3.87
	12	0.96	-1.86	-38.22	2.93	-3.89	5.12
46	115	-13.89	1.50	54.52	-0.45	-66.14	-3.02
	12	13.89	-1.50	-30.90	0.45	37.31	4.04
47	115	0.21	1.88	62.45	-3.23	-27.04	-3.92
	12	-0.21	-1.88	-38.83	3.23	-7.15	5.19
48	115	-10.22	-1.80	72.34	5.12	-69.58	3.64
	12	10.22	1.80	-48.72	-5.12	28.72	-4.85
49	115	1.53	-1.46	79.04	2.93	-36.16	2.85
	12	-1.53	1.46	-55.42	-2.93	-9.22	-3.83
50	115	-11.39	-1.81	71.72	5.41	-72.42	3.69
	12	11.39	1.81	-48.10	-5.41	31.98	-4.92
51	115	2.71	-1.44	79.65	2.64	-33.32	2.80
	12	-2.71	1.44	-56.04	-2.64	-12.48	-3.77
52	115	-13.45	1.31	55.18	-0.45	-63.99	-2.64
	12	13.45	-1.31	-31.56	0.45	34.72	3.52

53	115	-1.70	1.65	61.88	-2.63	-30.57	-3.43	
	12	1.70	-1.65	-38.26	2.63	-3.23	4.54	
54	115	-14.62	1.29	54.56	-0.15	-66.83	-2.59	
	12	14.62	-1.29	-30.94	0.15	37.97	3.46	
55	115	-0.52	1.66	62.49	-2.93	-27.73	-3.48	
	12	0.52	-1.66	-38.87	2.93	-6.49	4.61	
56	115	-9.49	-1.59	72.30	4.82	-68.89	3.20	
	12	9.49	1.59	-48.68	-4.82	28.06	-4.27	
57	115	2.26	-1.25	79.00	2.63	-35.47	2.41	
	12	-2.26	1.25	-55.38	-2.63	-9.88	-3.25	
58	115	-10.66	-1.60	71.68	5.11	-71.73	3.25	
	12	10.66	1.60	-48.06	-5.11	31.32	-4.34	
59	115	3.44	-1.23	79.61	2.34	-32.63	2.36	
	12	-3.44	1.23	-56.00	-2.34	-13.14	-3.19	
60	115	-25.55	-0.04	53.34	3.85	-104.50	0.19	
	12	25.55	0.04	-29.73	-3.85	76.46	-0.22	
61	115	-24.80	-1.03	58.50	5.61	-106.38	2.20	
	12	24.80	1.03	-34.89	-5.61	74.86	-2.90	
62	115	-25.77	-0.10	53.36	3.94	-104.70	0.32	
	12	25.77	0.10	-29.74	-3.94	76.66	-0.39	
63	115	-24.59	-0.97	58.49	5.52	-106.17	2.07	
	12	24.59	0.97	-34.87	-5.52	74.66	-2.73	
64	115	13.62	1.09	75.67	-3.43	6.92	-2.43	
	12	-13.62	-1.09	-52.05	3.43	-50.03	3.17	
65	115	14.37	0.10	80.83	-1.67	5.04	-0.42	
	12	-14.37	-0.10	-57.21	1.67	-51.63	0.49	
66	115	13.40	1.03	75.68	-3.33	6.71	-2.30	
	12	-13.40	-1.03	-52.07	3.33	-49.83	3.00	
67	115	14.59	0.16	80.82	-1.76	5.24	-0.55	
	12	-14.59	-0.16	-57.20	1.76	-51.83	0.66	
68	115	-29.46	-0.10	51.29	4.83	-113.97	0.37	
	12	29.46	0.10	-27.67	-4.83	87.32	-0.44	
69	115	-28.71	-1.09	56.45	6.59	-115.85	2.39	
	12	28.71	1.09	-32.83	-6.59	85.72	-3.12	
70	115	-29.68	-0.16	51.30	4.92	-114.17	0.50	
	12	29.68	0.16	-27.68	-4.92	87.52	-0.61	
71	115	-28.49	-1.03	56.44	6.50	-115.64	2.26	
	12	28.49	1.03	-32.82	-6.50	85.52	-2.95	
72	115	17.53	1.15	77.73	-4.41	16.39	-2.61	
	12	-17.53	-1.15	-54.11	4.41	-60.89	3.39	
73	115	18.28	0.16	82.89	-2.65	14.51	-0.60	
	12	-18.28	-0.16	-59.27	2.65	-62.48	0.71	
74	115	17.31	1.09	77.74	-4.32	16.19	-2.48	
	12	-17.31	-1.09	-54.12	4.32	-60.69	3.22	
75	115	18.50	0.22	82.87	-2.74	14.71	-0.73	
	12	-18.50	-0.22	-59.26	2.74	-62.68	0.88	
149	1	3	-3.40	-0.02	-37.99	0.00	-0.92	-0.04
		116	3.40	0.02	47.44	0.00	29.76	0.03
	2	3	-2.07	-0.02	-10.62	0.00	-1.83	-0.06

	116	2.07	0.02	24.79	0.00	13.78	0.05
3	3	-0.31	0.00	-2.43	0.00	-0.24	-0.01
	116	0.31	0.00	2.43	0.00	1.88	0.01
4	3	-0.36	-0.01	-5.46	0.00	0.11	-0.02
	116	0.36	0.01	5.46	0.00	3.57	0.01
5	3	0.00	-0.13	0.00	0.07	0.01	-0.37
	116	0.00	0.13	0.00	-0.07	0.00	0.28
6	3	0.02	0.13	0.01	-0.07	0.00	0.37
	116	-0.02	-0.13	-0.01	0.07	-0.01	-0.28
7	3	-10.83	-0.02	-3.18	0.00	10.14	-0.05
	116	10.83	0.02	3.18	0.00	-7.99	0.04
8	3	10.92	0.02	2.70	0.00	-9.81	0.05
	116	-10.92	-0.02	-2.70	0.00	7.98	-0.04
9	3	-7.84	-0.18	-70.93	0.06	-3.85	-0.50
	116	7.84	0.18	101.64	-0.06	62.09	0.38
10	3	-7.82	0.06	-70.92	-0.06	-3.86	0.17
	116	7.82	-0.06	101.62	0.06	62.09	-0.13
11	3	-17.59	-0.07	-73.79	0.00	5.27	-0.21
	116	17.59	0.07	104.49	0.00	54.90	0.16
12	3	1.99	-0.04	-68.50	0.00	-12.68	-0.12
	116	-1.99	0.04	99.20	0.00	69.28	0.09
13	3	-7.65	-0.17	-71.38	0.06	-3.41	-0.50
	116	7.65	0.17	102.08	-0.06	61.95	0.38
14	3	-7.63	0.06	-71.37	-0.06	-3.42	0.17
	116	7.63	-0.06	102.07	0.06	61.95	-0.13
15	3	-17.40	-0.07	-74.24	0.00	5.71	-0.21
	116	17.40	0.07	104.94	0.00	54.77	0.16
16	3	2.18	-0.04	-68.94	0.00	-12.24	-0.12
	116	-2.18	0.04	99.65	0.00	69.14	0.09
17	3	-7.38	-0.25	-67.29	0.10	-3.49	-0.71
	116	7.38	0.25	97.99	-0.10	59.27	0.54
18	3	-7.35	0.14	-67.27	-0.10	-3.50	0.41
	116	7.35	-0.14	97.97	0.10	59.27	-0.31
19	3	-23.63	-0.08	-72.05	0.00	11.70	-0.23
	116	23.63	0.08	102.76	0.00	47.29	0.18
20	3	9.00	-0.03	-63.23	0.00	-18.21	-0.07
	116	-9.00	0.03	93.93	0.00	71.25	0.06
21	3	-5.96	-0.12	-53.77	0.04	-2.93	-0.35
	116	5.96	0.12	77.39	-0.04	47.20	0.26
22	3	-5.95	0.03	-53.76	-0.04	-2.94	0.10
	116	5.95	-0.03	77.38	0.04	47.20	-0.07
23	3	-12.45	-0.05	-55.68	0.00	3.14	-0.16
	116	12.45	0.05	79.29	0.00	42.41	0.12
24	3	0.60	-0.03	-52.15	0.00	-8.82	-0.09
	116	-0.60	0.03	75.76	0.00	51.99	0.07
25	3	-5.83	-0.12	-54.07	0.04	-2.64	-0.35
	116	5.83	0.12	77.69	-0.04	47.11	0.26
26	3	-5.82	0.03	-54.06	-0.04	-2.65	0.10
	116	5.82	-0.03	77.68	0.04	47.11	-0.08
27	3	-12.33	-0.05	-55.97	0.00	3.44	-0.15

	116	12.33	0.05	79.59	0.00	42.32	0.12
28	3	0.73	-0.03	-52.44	0.00	-8.53	-0.09
	116	-0.73	0.03	76.06	0.00	51.90	0.07
29	3	-5.65	-0.17	-51.34	0.07	-2.69	-0.49
	116	5.65	0.17	74.96	-0.07	45.32	0.37
30	3	-5.63	0.09	-51.33	-0.07	-2.70	0.26
	116	5.63	-0.09	74.94	0.07	45.32	-0.20
31	3	-16.48	-0.06	-54.52	0.00	7.44	-0.17
	116	16.48	0.06	78.14	0.00	37.33	0.13
32	3	5.27	-0.02	-48.63	0.00	-12.51	-0.06
	116	-5.27	0.02	72.25	0.00	53.31	0.05
33	3	-5.47	-0.04	-48.61	0.00	-2.76	-0.11
	116	5.47	0.04	72.23	0.00	43.54	0.08
34	3	-5.54	-0.04	-49.70	0.00	-2.73	-0.11
	116	5.54	0.04	73.32	0.00	44.25	0.08
35	3	-5.47	-0.06	-48.61	0.01	-2.75	-0.18
	116	5.47	0.06	72.23	-0.01	43.54	0.14
36	3	-5.46	-0.01	-48.61	-0.01	-2.76	-0.03
	116	5.46	0.01	72.23	0.01	43.54	0.02
37	3	-7.63	-0.04	-49.25	0.00	-0.73	-0.12
	116	7.63	0.04	72.86	0.00	41.94	0.09
38	3	-3.28	-0.03	-48.07	0.00	-4.72	-0.10
	116	3.28	0.03	71.69	0.00	45.14	0.07
39	3	-5.47	-0.04	-48.61	0.00	-2.76	-0.11
	116	5.47	0.04	72.23	0.00	43.54	0.08
40	3	-0.27	-2.59	-0.17	2.01	0.08	-7.32
	116	0.27	2.59	0.17	-2.01	0.03	5.58
41	3	-0.18	-3.19	-0.19	2.75	0.12	-9.10
	116	0.18	3.19	0.19	-2.75	0.01	6.95
42	3	-64.76	-0.26	-13.99	-0.42	62.98	-0.79
	116	64.76	0.26	13.99	0.42	-53.54	0.62
43	3	-64.79	0.01	-13.98	0.42	62.96	0.03
	116	64.79	-0.01	13.98	-0.42	-53.53	-0.03
44	3	-25.17	-2.70	-52.97	1.88	16.22	-7.67
	116	25.17	2.70	76.59	-1.88	27.51	5.84
45	3	13.69	-2.55	-44.58	2.13	-21.57	-7.19
	116	-13.69	2.55	68.20	-2.13	59.63	5.47
46	3	-25.18	-2.62	-52.97	2.13	16.22	-7.42
	116	25.18	2.62	76.59	-2.13	27.51	5.65
47	3	13.70	-2.63	-44.58	1.88	-21.56	-7.44
	116	-13.70	2.63	68.20	-1.88	59.62	5.66
48	3	-24.62	2.47	-52.64	-2.13	16.05	6.98
	116	24.62	-2.47	76.26	2.13	27.45	-5.31
49	3	14.23	2.63	-44.25	-1.88	-21.73	7.45
	116	-14.23	-2.63	67.87	1.88	59.57	-5.68
50	3	-24.63	2.55	-52.64	-1.88	16.05	7.22
	116	24.63	-2.55	76.26	1.88	27.45	-5.50
51	3	14.24	2.55	-44.25	-2.13	-21.73	7.21
	116	-14.24	-2.55	67.87	2.13	59.57	-5.49
52	3	-25.08	-3.30	-53.00	2.62	16.26	-9.45

	116	25.08	3.30	76.61	-2.62	27.48	7.22	
53	3	13.78	-3.15	-44.60	2.87	-21.53	-8.97	
	116	-13.78	3.15	68.22	-2.87	59.61	6.85	
54	3	-25.09	-3.22	-52.99	2.87	16.25	-9.20	
	116	25.09	3.22	76.61	-2.87	27.49	7.03	
55	3	13.79	-3.23	-44.60	2.62	-21.52	-9.22	
	116	-13.79	3.23	68.22	-2.62	59.60	7.04	
56	3	-24.71	3.07	-52.62	-2.87	16.02	8.76	
	116	24.71	-3.07	76.24	2.87	27.47	-6.69	
57	3	14.15	3.23	-44.22	-2.62	-21.77	9.23	
	116	-14.15	-3.23	67.84	2.62	59.59	-7.06	
58	3	-24.72	3.15	-52.62	-2.62	16.01	9.01	
	116	24.72	-3.15	76.23	2.62	27.48	-6.88	
59	3	14.16	3.15	-44.23	-2.87	-21.77	8.99	
	116	-14.16	-3.15	67.85	2.87	59.59	-6.86	
60	3	-70.31	-1.07	-62.65	0.18	60.25	-3.10	
	116	70.31	1.07	86.27	-0.18	-9.99	2.37	
61	3	-70.15	0.48	-62.55	-1.03	60.20	1.30	
	116	70.15	-0.48	86.17	1.03	-10.01	-0.97	
62	3	-70.28	-1.25	-62.66	0.40	60.26	-3.63	
	116	70.28	1.25	86.28	-0.40	-10.00	2.78	
63	3	-70.17	0.66	-62.55	-1.25	60.19	1.83	
	116	70.17	-0.66	86.16	1.25	-10.00	-1.39	
64	3	59.22	-0.55	-34.67	1.03	-65.71	-1.51	
	116	-59.22	0.55	58.29	-1.03	97.08	1.14	
65	3	59.38	1.00	-34.57	-0.18	-65.76	2.88	
	116	-59.38	-1.00	58.19	0.18	97.07	-2.21	
66	3	59.24	-0.73	-34.67	1.25	-65.70	-2.05	
	116	-59.24	0.73	58.29	-1.25	97.08	1.55	
67	3	59.35	1.18	-34.56	-0.40	-65.77	3.42	
	116	-59.35	-1.18	58.18	0.40	97.07	-2.62	
68	3	-70.34	-0.81	-62.64	1.02	60.23	-2.27	
	116	70.34	0.81	86.26	-1.02	-9.98	1.73	
69	3	-70.18	0.74	-62.54	-0.18	60.18	2.12	
	116	70.18	-0.74	86.16	0.18	-9.99	-1.62	
70	3	-70.32	-0.99	-62.65	1.24	60.24	-2.81	
	116	70.32	0.99	86.27	-1.24	-9.98	2.14	
71	3	-70.21	0.92	-62.53	-0.40	60.17	2.65	
	116	70.21	-0.92	86.15	0.40	-9.99	-2.03	
72	3	59.25	-0.82	-34.68	0.18	-65.69	-2.33	
	116	-59.25	0.82	58.30	-0.18	97.07	1.78	
73	3	59.41	0.73	-34.58	-1.02	-65.74	2.06	
	116	-59.41	-0.73	58.20	1.02	97.06	-1.57	
74	3	59.27	-1.00	-34.69	0.40	-65.68	-2.87	
	116	-59.27	1.00	58.31	-0.40	97.07	2.19	
75	3	59.38	0.91	-34.57	-1.25	-65.75	2.59	
	116	-59.38	-0.91	58.19	1.25	97.06	-1.98	
150	1	116	-3.40	-0.02	-13.47	0.00	-29.76	-0.03
		117	3.40	0.02	28.87	0.00	53.04	0.02

2	116	-2.07	-0.02	5.37	0.00	-13.78	-0.05
	117	2.07	0.02	17.72	0.00	20.58	0.02
3	116	-0.31	0.00	-1.05	0.00	-1.88	-0.01
	117	0.31	0.00	1.05	0.00	3.03	0.00
4	116	-0.36	-0.01	-2.81	0.00	-3.57	-0.01
	117	0.36	0.01	2.81	0.00	6.66	0.01
5	116	0.00	-0.13	-0.01	0.07	0.00	-0.28
	117	0.00	0.13	0.01	-0.07	0.01	0.14
6	116	0.02	0.13	0.00	-0.07	0.01	0.28
	117	-0.02	-0.13	0.00	0.07	0.00	-0.14
7	116	-10.83	-0.02	-3.49	0.00	7.99	-0.04
	117	10.83	0.02	3.49	0.00	-4.15	0.02
8	116	10.92	0.02	3.04	0.00	-7.98	0.04
	117	-10.92	-0.02	-3.04	0.00	4.64	-0.02
9	116	-7.84	-0.18	-14.23	0.06	-62.09	-0.38
	117	7.84	0.18	64.26	-0.06	105.26	0.19
10	116	-7.82	0.06	-14.22	-0.06	-62.09	0.13
	117	7.82	-0.06	64.25	0.06	105.25	-0.06
11	116	-17.59	-0.07	-17.35	0.00	-54.90	-0.16
	117	17.59	0.07	67.39	0.00	101.51	0.08
12	116	1.99	-0.04	-11.48	0.00	-69.28	-0.09
	117	-1.99	0.04	61.52	0.00	109.43	0.04
13	116	-7.65	-0.17	-14.76	0.06	-61.95	-0.38
	117	7.65	0.17	64.80	-0.06	105.71	0.19
14	116	-7.63	0.06	-14.75	-0.06	-61.95	0.13
	117	7.63	-0.06	64.79	0.06	105.70	-0.06
15	116	-17.40	-0.07	-17.89	0.00	-54.77	-0.16
	117	17.40	0.07	67.92	0.00	101.96	0.08
16	116	2.18	-0.04	-12.02	0.00	-69.14	-0.09
	117	-2.18	0.04	62.05	0.00	109.88	0.04
17	116	-7.38	-0.25	-12.66	0.10	-59.27	-0.54
	117	7.38	0.25	62.70	-0.10	100.72	0.27
18	116	-7.35	0.14	-12.64	-0.10	-59.27	0.31
	117	7.35	-0.14	62.68	0.10	100.70	-0.15
19	116	-23.63	-0.08	-17.87	0.00	-47.29	-0.18
	117	23.63	0.08	67.91	0.00	94.47	0.09
20	116	9.00	-0.03	-8.08	0.00	-71.25	-0.06
	117	-9.00	0.03	58.12	0.00	107.66	0.03
21	116	-5.96	-0.12	-10.57	0.04	-47.20	-0.26
	117	5.96	0.12	49.05	-0.04	79.99	0.13
22	116	-5.95	0.03	-10.56	-0.04	-47.20	0.07
	117	5.95	-0.03	49.05	0.04	79.98	-0.04
23	116	-12.45	-0.05	-12.65	0.00	-42.41	-0.12
	117	12.45	0.05	51.14	0.00	77.49	0.06
24	116	0.60	-0.03	-8.73	0.00	-51.99	-0.07
	117	-0.60	0.03	47.22	0.00	82.77	0.03
25	116	-5.83	-0.12	-10.92	0.04	-47.11	-0.26
	117	5.83	0.12	49.41	-0.04	80.29	0.13
26	116	-5.82	0.03	-10.92	-0.04	-47.11	0.08
	117	5.82	-0.03	49.40	0.04	80.28	-0.04

27	116	-12.33	-0.05	-13.01	0.00	-42.32	-0.12
	117	12.33	0.05	51.49	0.00	77.79	0.06
28	116	0.73	-0.03	-9.09	0.00	-51.90	-0.07
	117	-0.73	0.03	47.58	0.00	83.07	0.03
29	116	-5.65	-0.17	-9.52	0.07	-45.32	-0.37
	117	5.65	0.17	48.01	-0.07	76.96	0.18
30	116	-5.63	0.09	-9.51	-0.07	-45.32	0.20
	117	5.63	-0.09	48.00	0.07	76.95	-0.10
31	116	-16.48	-0.06	-12.99	0.00	-37.33	-0.13
	117	16.48	0.06	51.48	0.00	72.80	0.06
32	116	5.27	-0.02	-6.47	0.00	-53.31	-0.05
	117	-5.27	0.02	44.96	0.00	81.59	0.02
33	116	-5.47	-0.04	-8.10	0.00	-43.54	-0.08
	117	5.47	0.04	46.59	0.00	73.62	0.04
34	116	-5.54	-0.04	-8.66	0.00	-44.25	-0.08
	117	5.54	0.04	47.15	0.00	74.95	0.04
35	116	-5.47	-0.06	-8.10	0.01	-43.54	-0.14
	117	5.47	0.06	46.59	-0.01	73.62	0.07
36	116	-5.46	-0.01	-8.10	-0.01	-43.54	-0.02
	117	5.46	0.01	46.59	0.01	73.62	0.01
37	116	-7.63	-0.04	-8.80	0.00	-41.94	-0.09
	117	7.63	0.04	47.29	0.00	72.79	0.04
38	116	-3.28	-0.03	-7.49	0.00	-45.14	-0.07
	117	3.28	0.03	45.98	0.00	74.55	0.04
39	116	-5.47	-0.04	-8.10	0.00	-43.54	-0.08
	117	5.47	0.04	46.59	0.00	73.62	0.04
40	116	-0.27	-2.59	-0.12	2.01	-0.03	-5.58
	117	0.27	2.59	0.12	-2.01	0.16	2.73
41	116	-0.18	-3.19	-0.14	2.75	-0.01	-6.95
	117	0.18	3.19	0.14	-2.75	0.16	3.44
42	116	-64.76	-0.26	-18.50	-0.42	53.54	-0.62
	117	64.76	0.26	18.50	0.42	-33.19	0.33
43	116	-64.79	0.01	-18.49	0.42	53.53	0.03
	117	64.79	-0.01	18.49	-0.42	-33.19	-0.02
44	116	-25.17	-2.70	-13.77	1.88	-27.51	-5.84
	117	25.17	2.70	52.26	-1.88	63.82	2.87
45	116	13.69	-2.55	-2.67	2.13	-59.63	-5.47
	117	-13.69	2.55	41.16	-2.13	83.74	2.67
46	116	-25.18	-2.62	-13.77	2.13	-27.51	-5.65
	117	25.18	2.62	52.26	-2.13	63.82	2.76
47	116	13.70	-2.63	-2.68	1.88	-59.62	-5.66
	117	-13.70	2.63	41.16	-1.88	83.74	2.78
48	116	-24.62	2.47	-13.53	-2.13	-27.45	5.31
	117	24.62	-2.47	52.02	2.13	63.50	-2.59
49	116	14.23	2.63	-2.43	-1.88	-59.57	5.68
	117	-14.23	-2.63	40.92	1.88	83.41	-2.79
50	116	-24.63	2.55	-13.52	-1.88	-27.45	5.50
	117	24.63	-2.55	52.01	1.88	63.50	-2.70
51	116	14.24	2.55	-2.43	-2.13	-59.57	5.49
	117	-14.24	-2.55	40.92	2.13	83.41	-2.68

52	116	-25.08	-3.30	-13.79	2.62	-27.48	-7.22
	117	25.08	3.30	52.28	-2.62	63.82	3.58
53	116	13.78	-3.15	-2.69	2.87	-59.61	-6.85
	117	-13.78	3.15	41.18	-2.87	83.73	3.39
54	116	-25.09	-3.22	-13.79	2.87	-27.49	-7.03
	117	25.09	3.22	52.27	-2.87	63.82	3.48
55	116	13.79	-3.23	-2.69	2.62	-59.60	-7.04
	117	-13.79	3.23	41.18	-2.62	83.73	3.49
56	116	-24.71	3.07	-13.51	-2.87	-27.47	6.69
	117	24.71	-3.07	52.00	2.87	63.50	-3.31
57	116	14.15	3.23	-2.41	-2.62	-59.59	7.06
	117	-14.15	-3.23	40.90	2.62	83.42	-3.50
58	116	-24.72	3.15	-13.51	-2.62	-27.48	6.88
	117	24.72	-3.15	52.00	2.62	63.50	-3.41
59	116	14.16	3.15	-2.42	-2.87	-59.59	6.86
	117	-14.16	-3.15	40.90	2.87	83.42	-3.40
60	116	-70.31	-1.07	-26.63	0.18	9.99	-2.37
	117	70.31	1.07	65.12	-0.18	40.48	1.19
61	116	-70.15	0.48	-26.56	-1.03	10.01	0.97
	117	70.15	-0.48	65.05	1.03	40.38	-0.45
62	116	-70.28	-1.25	-26.64	0.40	10.00	-2.78
	117	70.28	1.25	65.13	-0.40	40.48	1.40
63	116	-70.17	0.66	-26.56	-1.25	10.00	1.39
	117	70.17	-0.66	65.04	1.25	40.38	-0.66
64	116	59.22	-0.55	10.36	1.03	-97.08	-1.14
	117	-59.22	0.55	28.13	-1.03	106.86	0.53
65	116	59.38	1.00	10.43	-0.18	-97.07	2.21
	117	-59.38	-1.00	28.06	0.18	106.76	-1.11
66	116	59.24	-0.73	10.36	1.25	-97.08	-1.55
	117	-59.24	0.73	28.13	-1.25	106.86	0.74
67	116	59.35	1.18	10.44	-0.40	-97.07	2.62
	117	-59.35	-1.18	28.05	0.40	106.76	-1.32
68	116	-70.34	-0.81	-26.62	1.02	9.98	-1.73
	117	70.34	0.81	65.11	-1.02	40.48	0.84
69	116	-70.18	0.74	-26.55	-0.18	9.99	1.62
	117	70.18	-0.74	65.04	0.18	40.38	-0.80
70	116	-70.32	-0.99	-26.63	1.24	9.98	-2.14
	117	70.32	0.99	65.12	-1.24	40.48	1.05
71	116	-70.21	0.92	-26.55	-0.40	9.99	2.03
	117	70.21	-0.92	65.04	0.40	40.38	-1.01
72	116	59.25	-0.82	10.35	0.18	-97.07	-1.78
	117	-59.25	0.82	28.14	-0.18	106.86	0.88
73	116	59.41	0.73	10.42	-1.02	-97.06	1.57
	117	-59.41	-0.73	28.06	1.02	106.76	-0.76
74	116	59.27	-1.00	10.35	0.40	-97.07	-2.19
	117	-59.27	1.00	28.14	-0.40	106.85	1.09
75	116	59.38	0.91	10.43	-1.25	-97.06	1.98
	117	-59.38	-0.91	28.06	1.25	106.76	-0.97

151 1 117 -3.40 -0.02 4.47 0.00 -53.04 -0.02

	118	3.40	0.02	10.93	0.00	56.60	0.00
2	117	-2.07	-0.02	12.28	0.00	-20.58	-0.02
	118	2.07	0.02	10.80	0.00	19.76	0.00
3	117	-0.31	0.00	0.32	0.00	-3.03	0.00
	118	0.31	0.00	-0.32	0.00	2.68	0.00
4	117	-0.36	-0.01	-0.24	0.00	-6.66	-0.01
	118	0.36	0.01	0.24	0.00	6.93	0.00
5	117	0.00	-0.13	-0.03	0.07	-0.01	-0.14
	118	0.00	0.13	0.03	-0.07	0.04	0.00
6	117	0.02	0.13	-0.02	-0.07	0.00	0.14
	118	-0.02	-0.13	0.02	0.07	0.02	0.00
7	117	-10.83	-0.02	-3.73	0.00	4.15	-0.02
	118	10.83	0.02	3.73	0.00	-0.05	0.00
8	117	10.92	0.02	3.28	0.00	-4.64	0.02
	118	-10.92	-0.02	-3.28	0.00	1.03	0.00
9	117	-7.84	-0.18	22.05	0.06	-105.26	-0.19
	118	7.84	0.18	27.98	-0.06	108.52	-0.01
10	117	-7.82	0.06	22.06	-0.06	-105.25	0.06
	118	7.82	-0.06	27.98	0.06	108.50	0.00
11	117	-17.59	-0.07	18.72	0.00	-101.51	-0.08
	118	17.59	0.07	31.32	0.00	108.44	0.00
12	117	1.99	-0.04	25.03	0.00	-109.43	-0.04
	118	-1.99	0.04	25.01	0.00	109.41	0.00
13	117	-7.65	-0.17	21.39	0.06	-105.71	-0.19
	118	7.65	0.17	28.64	-0.06	109.70	-0.01
14	117	-7.63	0.06	21.40	-0.06	-105.70	0.06
	118	7.63	-0.06	28.63	0.06	109.68	0.00
15	117	-17.40	-0.07	18.06	0.00	-101.96	-0.08
	118	17.40	0.07	31.97	0.00	109.62	0.00
16	117	2.18	-0.04	24.37	0.00	-109.88	-0.04
	118	-2.18	0.04	25.66	0.00	110.59	0.00
17	117	-7.38	-0.25	21.56	0.10	-100.72	-0.27
	118	7.38	0.25	28.48	-0.10	104.52	-0.01
18	117	-7.35	0.14	21.57	-0.10	-100.70	0.15
	118	7.35	-0.14	28.46	0.10	104.49	0.00
19	117	-23.63	-0.08	16.01	0.00	-94.47	-0.09
	118	23.63	0.08	34.03	0.00	104.38	0.00
20	117	9.00	-0.03	26.52	0.00	-107.66	-0.03
	118	-9.00	0.03	23.51	0.00	106.01	0.00
21	117	-5.96	-0.12	16.93	0.04	-79.99	-0.13
	118	5.96	0.12	21.55	-0.04	82.53	0.00
22	117	-5.95	0.03	16.94	-0.04	-79.98	0.04
	118	5.95	-0.03	21.55	0.04	82.52	0.00
23	117	-12.45	-0.05	14.71	0.00	-77.49	-0.06
	118	12.45	0.05	23.78	0.00	82.47	0.00
24	117	0.60	-0.03	18.92	0.00	-82.77	-0.03
	118	-0.60	0.03	19.57	0.00	83.12	0.00
25	117	-5.83	-0.12	16.50	0.04	-80.29	-0.13
	118	5.83	0.12	21.99	-0.04	83.31	0.00
26	117	-5.82	0.03	16.50	-0.04	-80.28	0.04

	118	5.82	-0.03	21.99	0.04	83.30	0.00
27	117	-12.33	-0.05	14.27	0.00	-77.79	-0.06
	118	12.33	0.05	24.21	0.00	83.26	0.00
28	117	0.73	-0.03	18.48	0.00	-83.07	-0.03
	118	-0.73	0.03	20.01	0.00	83.91	0.00
29	117	-5.65	-0.17	16.61	0.07	-76.96	-0.18
	118	5.65	0.17	21.88	-0.07	79.86	-0.01
30	117	-5.63	0.09	16.61	-0.07	-76.95	0.10
	118	5.63	-0.09	21.87	0.07	79.84	0.00
31	117	-16.48	-0.06	12.90	0.00	-72.80	-0.06
	118	16.48	0.06	25.59	0.00	79.77	0.00
32	117	5.27	-0.02	19.92	0.00	-81.59	-0.02
	118	-5.27	0.02	18.57	0.00	80.85	0.00
33	117	-5.47	-0.04	16.75	0.00	-73.62	-0.04
	118	5.47	0.04	21.74	0.00	76.36	0.00
34	117	-5.54	-0.04	16.70	0.00	-74.95	-0.04
	118	5.54	0.04	21.78	0.00	77.75	0.00
35	117	-5.47	-0.06	16.75	0.01	-73.62	-0.07
	118	5.47	0.06	21.74	-0.01	76.37	0.00
36	117	-5.46	-0.01	16.75	-0.01	-73.62	-0.01
	118	5.46	0.01	21.74	0.01	76.36	0.00
37	117	-7.63	-0.04	16.01	0.00	-72.79	-0.04
	118	7.63	0.04	22.48	0.00	76.35	0.00
38	117	-3.28	-0.03	17.41	0.00	-74.55	-0.04
	118	3.28	0.03	21.08	0.00	76.57	0.00
39	117	-5.47	-0.04	16.75	0.00	-73.62	-0.04
	118	5.47	0.04	21.74	0.00	76.36	0.00
40	117	-0.27	-2.59	-0.08	2.01	-0.16	-2.73
	118	0.27	2.59	0.08	-2.01	0.25	-0.12
41	117	-0.18	-3.19	-0.09	2.75	-0.16	-3.44
	118	0.18	3.19	0.09	-2.75	0.26	-0.06
42	117	-64.76	-0.26	-21.94	-0.42	33.19	-0.33
	118	64.76	0.26	21.94	0.42	-9.06	0.04
43	117	-64.79	0.01	-21.93	0.42	33.19	0.02
	118	64.79	-0.01	21.93	-0.42	-9.07	-0.01
44	117	-25.17	-2.70	10.09	1.88	-63.82	-2.87
	118	25.17	2.70	28.40	-1.88	73.89	-0.10
45	117	13.69	-2.55	23.25	2.13	-83.74	-2.67
	118	-13.69	2.55	15.24	-2.13	79.33	-0.13
46	117	-25.18	-2.62	10.09	2.13	-63.82	-2.76
	118	25.18	2.62	28.40	-2.13	73.89	-0.12
47	117	13.70	-2.63	23.25	1.88	-83.74	-2.78
	118	-13.70	2.63	15.24	-1.88	79.33	-0.11
48	117	-24.62	2.47	10.26	-2.13	-63.50	2.59
	118	24.62	-2.47	28.23	2.13	73.39	0.13
49	117	14.23	2.63	23.42	-1.88	-83.41	2.79
	118	-14.23	-2.63	15.07	1.88	78.83	0.10
50	117	-24.63	2.55	10.26	-1.88	-63.50	2.70
	118	24.63	-2.55	28.23	1.88	73.39	0.11
51	117	14.24	2.55	23.41	-2.13	-83.41	2.68

	118	-14.24	-2.55	15.07	2.13	78.83	0.12
52	117	-25.08	-3.30	10.08	2.62	-63.82	-3.58
	118	25.08	3.30	28.41	-2.62	73.90	-0.05
53	117	13.78	-3.15	23.24	2.87	-83.73	-3.39
	118	-13.78	3.15	15.25	-2.87	79.34	-0.08
54	117	-25.09	-3.22	10.08	2.87	-63.82	-3.48
	118	25.09	3.22	28.41	-2.87	73.90	-0.07
55	117	13.79	-3.23	23.24	2.62	-83.73	-3.49
	118	-13.79	3.23	15.25	-2.62	79.34	-0.06
56	117	-24.71	3.07	10.27	-2.87	-63.50	3.31
	118	24.71	-3.07	28.22	2.87	73.38	0.07
57	117	14.15	3.23	23.43	-2.62	-83.42	3.50
	118	-14.15	-3.23	15.06	2.62	78.82	0.05
58	117	-24.72	3.15	10.27	-2.62	-63.50	3.41
	118	24.72	-3.15	28.22	2.62	73.38	0.06
59	117	14.16	3.15	23.43	-2.87	-83.42	3.40
	118	-14.16	-3.15	15.06	2.87	78.82	0.06
60	117	-70.31	-1.07	-5.21	0.18	-40.48	-1.19
	118	70.31	1.07	43.70	-0.18	67.37	0.01
61	117	-70.15	0.48	-5.16	-1.03	-40.38	0.45
	118	70.15	-0.48	43.65	1.03	67.22	0.08
62	117	-70.28	-1.25	-5.21	0.40	-40.48	-1.40
	118	70.28	1.25	43.70	-0.40	67.38	0.02
63	117	-70.17	0.66	-5.15	-1.25	-40.38	0.66
	118	70.17	-0.66	43.64	1.25	67.22	0.06
64	117	59.22	-0.55	38.66	1.03	-106.86	-0.53
	118	-59.22	0.55	-0.17	-1.03	85.50	-0.08
65	117	59.38	1.00	38.71	-0.18	-106.76	1.11
	118	-59.38	-1.00	-0.22	0.18	85.35	-0.01
66	117	59.24	-0.73	38.66	1.25	-106.86	-0.74
	118	-59.24	0.73	-0.17	-1.25	85.50	-0.06
67	117	59.35	1.18	38.72	-0.40	-106.76	1.32
	118	-59.35	-1.18	-0.23	0.40	85.34	-0.03
68	117	-70.34	-0.81	-5.20	1.02	-40.48	-0.84
	118	70.34	0.81	43.69	-1.02	67.37	-0.05
69	117	-70.18	0.74	-5.15	-0.18	-40.38	0.80
	118	70.18	-0.74	43.64	0.18	67.22	0.02
70	117	-70.32	-0.99	-5.20	1.24	-40.48	-1.05
	118	70.32	0.99	43.69	-1.24	67.37	-0.03
71	117	-70.21	0.92	-5.15	-0.40	-40.38	1.01
	118	70.21	-0.92	43.64	0.40	67.21	0.00
72	117	59.25	-0.82	38.66	0.18	-106.86	-0.88
	118	-59.25	0.82	-0.17	-0.18	85.50	-0.02
73	117	59.41	0.73	38.71	-1.02	-106.76	0.76
	118	-59.41	-0.73	-0.22	1.02	85.35	0.05
74	117	59.27	-1.00	38.65	0.40	-106.85	-1.09
	118	-59.27	1.00	-0.16	-0.40	85.51	-0.01
75	117	59.38	0.91	38.71	-1.25	-106.76	0.97
	118	-59.38	-0.91	-0.22	1.25	85.35	0.03

152	1	118	-3.40	-0.02	21.99	0.00	-56.60	0.00
		119	3.40	0.02	-6.59	0.00	40.87	-0.02
	2	118	-2.07	-0.02	19.13	0.00	-19.76	0.00
		119	2.07	0.02	3.96	0.00	11.42	-0.03
	3	118	-0.31	0.00	1.69	0.00	-2.68	0.00
		119	0.31	0.00	-1.69	0.00	0.83	0.00
	4	118	-0.36	-0.01	2.29	0.00	-6.93	0.00
		119	0.36	0.01	-2.29	0.00	4.41	-0.01
	5	118	0.00	-0.13	-0.04	0.07	-0.04	0.00
		119	0.00	0.13	0.04	-0.07	0.08	-0.15
	6	118	0.02	0.13	-0.03	-0.07	-0.02	0.00
		119	-0.02	-0.13	0.03	0.07	0.05	0.15
	7	118	-10.83	-0.02	-3.92	0.00	0.05	0.00
		119	10.83	0.02	3.92	0.00	4.26	-0.02
	8	118	10.92	0.02	3.46	0.00	-1.03	0.00
		119	-10.92	-0.02	-3.46	0.00	-2.78	0.02
	9	118	-7.84	-0.18	57.67	0.06	-108.52	0.01
		119	7.84	0.18	-7.64	-0.06	72.60	-0.20
	10	118	-7.82	0.06	57.68	-0.06	-108.50	0.00
		119	7.82	-0.06	-7.64	0.06	72.58	0.07
	11	118	-17.59	-0.07	54.18	0.00	-108.44	0.00
		119	17.59	0.07	-4.14	0.00	76.37	-0.08
	12	118	1.99	-0.04	60.82	0.00	-109.41	0.00
		119	-1.99	0.04	-10.79	0.00	70.03	-0.05
	13	118	-7.65	-0.17	56.86	0.06	-109.70	0.01
		119	7.65	0.17	-6.82	-0.06	74.67	-0.20
	14	118	-7.63	0.06	56.86	-0.06	-109.68	0.00
		119	7.63	-0.06	-6.83	0.06	74.65	0.07
	15	118	-17.40	-0.07	53.36	0.00	-109.62	0.00
		119	17.40	0.07	-3.33	0.00	78.44	-0.08
	16	118	2.18	-0.04	60.01	0.00	-110.59	0.00
		119	-2.18	0.04	-9.97	0.00	72.10	-0.05
	17	118	-7.38	-0.25	55.12	0.10	-104.52	0.01
		119	7.38	0.25	-5.08	-0.10	71.41	-0.28
	18	118	-7.35	0.14	55.13	-0.10	-104.49	0.00
		119	7.35	-0.14	-5.09	0.10	71.37	0.16
	19	118	-23.63	-0.08	49.29	0.00	-104.38	0.00
		119	23.63	0.08	0.74	0.00	77.68	-0.09
	20	118	9.00	-0.03	60.37	0.00	-106.01	0.00
		119	-9.00	0.03	-10.33	0.00	67.12	-0.03
	21	118	-5.96	-0.12	43.93	0.04	-82.53	0.00
		119	5.96	0.12	-5.44	-0.04	55.37	-0.14
	22	118	-5.95	0.03	43.93	-0.04	-82.52	0.00
		119	5.95	-0.03	-5.45	0.04	55.36	0.04
	23	118	-12.45	-0.05	41.60	0.00	-82.47	0.00
		119	12.45	0.05	-3.11	0.00	57.88	-0.06
	24	118	0.60	-0.03	46.03	0.00	-83.12	0.00
		119	-0.60	0.03	-7.54	0.00	53.66	-0.04
	25	118	-5.83	-0.12	43.39	0.04	-83.31	0.00
		119	5.83	0.12	-4.90	-0.04	56.75	-0.14

26	118	-5.82	0.03	43.39	-0.04	-83.30	0.00
	119	5.82	-0.03	-4.90	0.04	56.74	0.04
27	118	-12.33	-0.05	41.06	0.00	-83.26	0.00
	119	12.33	0.05	-2.57	0.00	59.26	-0.06
28	118	0.73	-0.03	45.49	0.00	-83.91	0.00
	119	-0.73	0.03	-7.00	0.00	55.04	-0.04
29	118	-5.65	-0.17	42.23	0.07	-79.86	0.01
	119	5.65	0.17	-3.74	-0.07	54.58	-0.19
30	118	-5.63	0.09	42.23	-0.07	-79.84	0.00
	119	5.63	-0.09	-3.75	0.07	54.55	0.10
31	118	-16.48	-0.06	38.34	0.00	-79.77	0.00
	119	16.48	0.06	0.15	0.00	58.76	-0.06
32	118	5.27	-0.02	45.73	0.00	-80.85	0.00
	119	-5.27	0.02	-7.24	0.00	51.72	-0.03
33	118	-5.47	-0.04	41.12	0.00	-76.36	0.00
	119	5.47	0.04	-2.63	0.00	52.29	-0.04
34	118	-5.54	-0.04	41.58	0.00	-77.75	0.00
	119	5.54	0.04	-3.09	0.00	53.18	-0.04
35	118	-5.47	-0.06	41.11	0.01	-76.37	0.00
	119	5.47	0.06	-2.63	-0.01	52.31	-0.07
36	118	-5.46	-0.01	41.12	-0.01	-76.36	0.00
	119	5.46	0.01	-2.63	0.01	52.30	-0.01
37	118	-7.63	-0.04	40.34	0.00	-76.35	0.00
	119	7.63	0.04	-1.85	0.00	53.15	-0.05
38	118	-3.28	-0.03	41.81	0.00	-76.57	0.00
	119	3.28	0.03	-3.33	0.00	51.74	-0.04
39	118	-5.47	-0.04	41.12	0.00	-76.36	0.00
	119	5.47	0.04	-2.63	0.00	52.29	-0.04
40	118	-0.27	-2.59	-0.05	2.01	-0.25	0.12
	119	0.27	2.59	0.05	-2.01	0.31	-2.96
41	118	-0.18	-3.19	-0.06	2.75	-0.26	0.06
	119	0.18	3.19	0.06	-2.75	0.32	-3.57
42	118	-64.76	-0.26	-24.46	-0.42	9.06	-0.04
	119	64.76	0.26	24.46	0.42	17.84	-0.24
43	118	-64.79	0.01	-24.45	0.42	9.07	0.01
	119	64.79	-0.01	24.45	-0.42	17.83	-0.01
44	118	-25.17	-2.70	33.74	1.88	-73.89	0.10
	119	25.17	2.70	4.75	-1.88	57.95	-3.08
45	118	13.69	-2.55	48.41	2.13	-79.33	0.13
	119	-13.69	2.55	-9.92	-2.13	47.25	-2.93
46	118	-25.18	-2.62	33.74	2.13	-73.89	0.12
	119	25.18	2.62	4.75	-2.13	57.95	-3.01
47	118	13.70	-2.63	48.41	1.88	-79.33	0.11
	119	-13.70	2.63	-9.92	-1.88	47.25	-3.00
48	118	-24.62	2.47	33.83	-2.13	-73.39	-0.13
	119	24.62	-2.47	4.66	2.13	57.34	2.85
49	118	14.23	2.63	48.51	-1.88	-78.83	-0.10
	119	-14.23	-2.63	-10.02	1.88	46.64	2.99
50	118	-24.63	2.55	33.83	-1.88	-73.39	-0.11
	119	24.63	-2.55	4.65	1.88	57.34	2.92

51	118	14.24	2.55	48.51	-2.13	-78.83	-0.12
	119	-14.24	-2.55	-10.02	2.13	46.64	2.92
52	118	-25.08	-3.30	33.73	2.62	-73.90	0.05
	119	25.08	3.30	4.76	-2.62	57.97	-3.68
53	118	13.78	-3.15	48.40	2.87	-79.34	0.08
	119	-13.78	3.15	-9.92	-2.87	47.27	-3.54
54	118	-25.09	-3.22	33.73	2.87	-73.90	0.07
	119	25.09	3.22	4.76	-2.87	57.97	-3.61
55	118	13.79	-3.23	48.40	2.62	-79.34	0.06
	119	-13.79	3.23	-9.91	-2.62	47.27	-3.61
56	118	-24.71	3.07	33.84	-2.87	-73.38	-0.07
	119	24.71	-3.07	4.65	2.87	57.32	3.45
57	118	14.15	3.23	48.52	-2.62	-78.82	-0.05
	119	-14.15	-3.23	-10.03	2.62	46.62	3.60
58	118	-24.72	3.15	33.84	-2.62	-73.38	-0.06
	119	24.72	-3.15	4.65	2.62	57.32	3.52
59	118	14.16	3.15	48.51	-2.87	-78.82	-0.06
	119	-14.16	-3.15	-10.03	2.87	46.62	3.53
60	118	-70.31	-1.07	16.65	0.18	-67.37	-0.01
	119	70.31	1.07	21.84	-0.18	70.23	-1.17
61	118	-70.15	0.48	16.68	-1.03	-67.22	-0.08
	119	70.15	-0.48	21.81	1.03	70.05	0.60
62	118	-70.28	-1.25	16.65	0.40	-67.38	-0.02
	119	70.28	1.25	21.84	-0.40	70.23	-1.36
63	118	-70.17	0.66	16.68	-1.25	-67.22	-0.06
	119	70.17	-0.66	21.81	1.25	70.04	0.78
64	118	59.22	-0.55	65.57	1.03	-85.50	0.08
	119	-59.22	0.55	-27.08	-1.03	34.54	-0.69
65	118	59.38	1.00	65.60	-0.18	-85.35	0.01
	119	-59.38	-1.00	-27.11	0.18	34.36	1.09
66	118	59.24	-0.73	65.56	1.25	-85.50	0.06
	119	-59.24	0.73	-27.08	-1.25	34.55	-0.87
67	118	59.35	1.18	65.60	-0.40	-85.34	0.03
	119	-59.35	-1.18	-27.11	0.40	34.35	1.27
68	118	-70.34	-0.81	16.65	1.02	-67.37	0.05
	119	70.34	0.81	21.83	-1.02	70.22	-0.94
69	118	-70.18	0.74	16.68	-0.18	-67.22	-0.02
	119	70.18	-0.74	21.81	0.18	70.04	0.84
70	118	-70.32	-0.99	16.65	1.24	-67.37	0.03
	119	70.32	0.99	21.84	-1.24	70.22	-1.12
71	118	-70.21	0.92	16.69	-0.40	-67.21	0.00
	119	70.21	-0.92	21.80	0.40	70.03	1.02
72	118	59.25	-0.82	65.56	0.18	-85.50	0.02
	119	-59.25	0.82	-27.07	-0.18	34.55	-0.93
73	118	59.41	0.73	65.59	-1.02	-85.35	-0.05
	119	-59.41	-0.73	-27.10	1.02	34.37	0.85
74	118	59.27	-1.00	65.56	0.40	-85.51	0.01
	119	-59.27	1.00	-27.07	-0.40	34.56	-1.11
75	118	59.38	0.91	65.59	-1.25	-85.35	-0.03
	119	-59.38	-0.91	-27.10	1.25	34.36	1.03

153	1	119	-3.40	-0.02	39.34	0.00	-40.87	0.02
		120	3.40	0.02	-23.94	0.00	6.07	-0.03
2	119	119	-2.07	-0.02	25.98	0.00	-11.42	0.03
		120	2.07	0.02	-2.89	0.00	-4.46	-0.05
3	119	119	-0.31	0.00	3.07	0.00	-0.83	0.00
		120	0.31	0.00	-3.07	0.00	-2.55	-0.01
4	119	119	-0.36	-0.01	4.81	0.00	-4.41	0.01
		120	0.36	0.01	-4.81	0.00	-0.88	-0.01
5	119	119	0.00	-0.13	-0.05	0.07	-0.08	0.15
		120	0.00	0.13	0.05	-0.07	0.14	-0.29
6	119	119	0.02	0.13	-0.05	-0.07	-0.05	-0.15
		120	-0.02	-0.13	0.05	0.07	0.11	0.29
7	119	119	-10.83	-0.02	-4.07	0.00	-4.26	0.02
		120	10.83	0.02	4.07	0.00	8.74	-0.04
8	119	119	10.92	0.02	3.57	0.00	2.78	-0.02
		120	-10.92	-0.02	-3.57	0.00	-6.71	0.04
9	119	119	-7.84	-0.18	93.09	0.06	-72.60	0.20
		120	7.84	0.18	-43.05	-0.06	-2.28	-0.39
10	119	119	-7.82	0.06	93.09	-0.06	-72.58	-0.07
		120	7.82	-0.06	-43.05	0.06	-2.30	0.13
11	119	119	-17.59	-0.07	89.47	0.00	-76.37	0.08
		120	17.59	0.07	-39.43	0.00	5.47	-0.16
12	119	119	1.99	-0.04	96.35	0.00	-70.03	0.05
		120	-1.99	0.04	-46.31	0.00	-8.44	-0.10
13	119	119	-7.65	-0.17	92.09	0.06	-74.67	0.20
		120	7.65	0.17	-42.06	-0.06	0.89	-0.39
14	119	119	-7.63	0.06	92.10	-0.06	-74.65	-0.07
		120	7.63	-0.06	-42.06	0.06	0.86	0.13
15	119	119	-17.40	-0.07	88.47	0.00	-78.44	0.08
		120	17.40	0.07	-38.44	0.00	8.63	-0.16
16	119	119	2.18	-0.04	95.36	0.00	-72.10	0.05
		120	-2.18	0.04	-45.32	0.00	-5.27	-0.10
17	119	119	-7.38	-0.25	88.45	0.10	-71.41	0.28
		120	7.38	0.25	-38.42	-0.10	1.63	-0.55
18	119	119	-7.35	0.14	88.46	-0.10	-71.37	-0.16
		120	7.35	-0.14	-38.42	0.10	1.59	0.32
19	119	119	-23.63	-0.08	82.42	0.00	-77.68	0.09
		120	23.63	0.08	-32.39	0.00	14.54	-0.18
20	119	119	9.00	-0.03	93.89	0.00	-67.12	0.03
		120	-9.00	0.03	-43.86	0.00	-8.64	-0.07
21	119	119	-5.96	-0.12	70.77	0.04	-55.37	0.14
		120	5.96	0.12	-32.28	-0.04	-1.30	-0.27
22	119	119	-5.95	0.03	70.77	-0.04	-55.36	-0.04
		120	5.95	-0.03	-32.28	0.04	-1.32	0.08
23	119	119	-12.45	-0.05	68.36	0.00	-57.88	0.06
		120	12.45	0.05	-29.87	0.00	3.86	-0.12
24	119	119	0.60	-0.03	72.94	0.00	-53.66	0.04
		120	-0.60	0.03	-34.45	0.00	-5.41	-0.08
25	119	-5.83	-0.12	70.11	0.04	-56.75	0.14	

	120	5.83	0.12	-31.62	-0.04	0.81	-0.27
26	119	-5.82	0.03	70.11	-0.04	-56.74	-0.04
	120	5.82	-0.03	-31.62	0.04	0.79	0.08
27	119	-12.33	-0.05	67.69	0.00	-59.26	0.06
	120	12.33	0.05	-29.20	0.00	5.97	-0.12
28	119	0.73	-0.03	72.28	0.00	-55.04	0.04
	120	-0.73	0.03	-33.79	0.00	-3.30	-0.08
29	119	-5.65	-0.17	67.68	0.07	-54.58	0.19
	120	5.65	0.17	-29.19	-0.07	1.30	-0.38
30	119	-5.63	0.09	67.68	-0.07	-54.55	-0.10
	120	5.63	-0.09	-29.19	0.07	1.27	0.20
31	119	-16.48	-0.06	63.66	0.00	-58.76	0.06
	120	16.48	0.06	-25.17	0.00	9.91	-0.13
32	119	5.27	-0.02	71.31	0.00	-51.72	0.03
	120	-5.27	0.02	-32.82	0.00	-5.54	-0.05
33	119	-5.47	-0.04	65.33	0.00	-52.29	0.04
	120	5.47	0.04	-26.84	0.00	1.60	-0.08
34	119	-5.54	-0.04	66.29	0.00	-53.18	0.04
	120	5.54	0.04	-27.80	0.00	1.43	-0.09
35	119	-5.47	-0.06	65.32	0.01	-52.31	0.07
	120	5.47	0.06	-26.83	-0.01	1.63	-0.14
36	119	-5.46	-0.01	65.32	-0.01	-52.30	0.01
	120	5.46	0.01	-26.83	0.01	1.63	-0.03
37	119	-7.63	-0.04	64.51	0.00	-53.15	0.05
	120	7.63	0.04	-26.02	0.00	3.35	-0.09
38	119	-3.28	-0.03	66.04	0.00	-51.74	0.04
	120	3.28	0.03	-27.55	0.00	0.26	-0.08
39	119	-5.47	-0.04	65.33	0.00	-52.29	0.04
	120	5.47	0.04	-26.84	0.00	1.60	-0.08
40	119	-0.27	-2.59	-0.01	2.01	-0.31	2.96
	120	0.27	2.59	0.01	-2.01	0.32	-5.81
41	119	-0.18	-3.19	-0.02	2.75	-0.32	3.57
	120	0.18	3.19	0.02	-2.75	0.35	-7.08
42	119	-64.76	-0.26	-26.11	-0.42	-17.84	0.24
	120	64.76	0.26	26.11	0.42	46.56	-0.53
43	119	-64.79	0.01	-26.10	0.42	-17.83	0.01
	120	64.79	-0.01	26.10	-0.42	46.55	0.00
44	119	-25.17	-2.70	57.48	1.88	-57.95	3.08
	120	25.17	2.70	-18.99	-1.88	15.89	-6.05
45	119	13.69	-2.55	73.14	2.13	-47.25	2.93
	120	-13.69	2.55	-34.65	-2.13	-12.04	-5.73
46	119	-25.18	-2.62	57.48	2.13	-57.95	3.01
	120	25.18	2.62	-18.99	-2.13	15.89	-5.89
47	119	13.70	-2.63	73.14	1.88	-47.25	3.00
	120	-13.70	2.63	-34.65	-1.88	-12.04	-5.89
48	119	-24.62	2.47	57.51	-2.13	-57.34	-2.85
	120	24.62	-2.47	-19.02	2.13	15.25	5.56
49	119	14.23	2.63	73.17	-1.88	-46.64	-2.99
	120	-14.23	-2.63	-34.68	1.88	-12.69	5.88
50	119	-24.63	2.55	57.51	-1.88	-57.34	-2.92

	120	24.63	-2.55	-19.02	1.88	15.25	5.72
51	119	14.24	2.55	73.17	-2.13	-46.64	-2.92
	120	-14.24	-2.55	-34.68	2.13	-12.68	5.72
52	119	-25.08	-3.30	57.47	2.62	-57.97	3.68
	120	25.08	3.30	-18.99	-2.62	15.92	-7.32
53	119	13.78	-3.15	73.14	2.87	-47.27	3.54
	120	-13.78	3.15	-34.65	-2.87	-12.02	-7.00
54	119	-25.09	-3.22	57.47	2.87	-57.97	3.61
	120	25.09	3.22	-18.99	-2.87	15.91	-7.16
55	119	13.79	-3.23	73.14	2.62	-47.27	3.61
	120	-13.79	3.23	-34.65	-2.62	-12.01	-7.16
56	119	-24.71	3.07	57.52	-2.87	-57.32	-3.45
	120	24.71	-3.07	-19.03	2.87	15.22	6.83
57	119	14.15	3.23	73.18	-2.62	-46.62	-3.60
	120	-14.15	-3.23	-34.69	2.62	-12.71	7.15
58	119	-24.72	3.15	57.52	-2.62	-57.32	-3.52
	120	24.72	-3.15	-19.03	2.62	15.22	6.99
59	119	14.16	3.15	73.18	-2.87	-46.62	-3.53
	120	-14.16	-3.15	-34.69	2.87	-12.71	6.99
60	119	-70.31	-1.07	39.22	0.18	-70.23	1.17
	120	70.31	1.07	-0.73	-0.18	48.26	-2.36
61	119	-70.15	0.48	39.23	-1.03	-70.05	-0.60
	120	70.15	-0.48	-0.74	1.03	48.07	1.13
62	119	-70.28	-1.25	39.21	0.40	-70.23	1.36
	120	70.28	1.25	-0.73	-0.40	48.27	-2.74
63	119	-70.17	0.66	39.23	-1.25	-70.04	-0.78
	120	70.17	-0.66	-0.74	1.25	48.06	1.51
64	119	59.22	-0.55	91.43	1.03	-34.54	0.69
	120	-59.22	0.55	-52.94	-1.03	-44.86	-1.30
65	119	59.38	1.00	91.44	-0.18	-34.36	-1.09
	120	-59.38	-1.00	-52.95	0.18	-45.05	2.19
66	119	59.24	-0.73	91.43	1.25	-34.55	0.87
	120	-59.24	0.73	-52.94	-1.25	-44.85	-1.68
67	119	59.35	1.18	91.44	-0.40	-34.35	-1.27
	120	-59.35	-1.18	-52.95	0.40	-45.06	2.57
68	119	-70.34	-0.81	39.22	1.02	-70.22	0.94
	120	70.34	0.81	-0.73	-1.02	48.25	-1.83
69	119	-70.18	0.74	39.23	-0.18	-70.04	-0.84
	120	70.18	-0.74	-0.74	0.18	48.05	1.66
70	119	-70.32	-0.99	39.22	1.24	-70.22	1.12
	120	70.32	0.99	-0.73	-1.24	48.25	-2.21
71	119	-70.21	0.92	39.23	-0.40	-70.03	-1.02
	120	70.21	-0.92	-0.74	0.40	48.05	2.04
72	119	59.25	-0.82	91.42	0.18	-34.55	0.93
	120	-59.25	0.82	-52.94	-0.18	-44.85	-1.83
73	119	59.41	0.73	91.43	-1.02	-34.37	-0.85
	120	-59.41	-0.73	-52.94	1.02	-45.04	1.66
74	119	59.27	-1.00	91.42	0.40	-34.56	1.11
	120	-59.27	1.00	-52.93	-0.40	-44.84	-2.21
75	119	59.38	0.91	91.43	-1.25	-34.36	-1.03

		120	-59.38	-0.91	-52.95	1.25	-45.05	2.04
154	1	120	-3.40	-0.02	56.69	0.00	-6.07	0.03
		8	3.40	0.02	-47.24	0.00	-29.01	-0.04
	2	120	-2.07	-0.02	32.88	0.00	4.46	0.05
		8	2.07	0.02	-18.71	0.00	-21.87	-0.07
	3	120	-0.31	0.00	4.46	0.00	2.55	0.01
		8	0.31	0.00	-4.46	0.00	-5.56	-0.01
	4	120	-0.36	-0.01	7.34	0.00	0.88	0.01
		8	0.36	0.01	-7.34	0.00	-5.83	-0.02
	5	120	0.00	-0.13	-0.07	0.07	-0.14	0.29
		8	0.00	0.13	0.07	-0.07	0.18	-0.38
	6	120	0.02	0.13	-0.07	-0.07	-0.11	-0.29
		8	-0.02	-0.13	0.07	0.07	0.15	0.38
	7	120	-10.83	-0.02	-4.16	0.00	-8.74	0.04
		8	10.83	0.02	4.16	0.00	11.55	-0.05
	8	120	10.92	0.02	3.61	0.00	6.71	-0.04
		8	-10.92	-0.02	-3.61	0.00	-9.14	0.05
	9	120	-7.84	-0.18	128.58	0.06	2.28	0.39
		8	7.84	0.18	-97.88	-0.06	-78.70	-0.51
	10	120	-7.82	0.06	128.58	-0.06	2.30	-0.13
		8	7.82	-0.06	-97.88	0.06	-78.73	0.17
	11	120	-17.59	-0.07	124.90	0.00	-5.47	0.16
		8	17.59	0.07	-94.20	0.00	-68.47	-0.21
	12	120	1.99	-0.04	131.89	0.00	8.44	0.10
		8	-1.99	0.04	-101.19	0.00	-87.10	-0.13
	13	120	-7.65	-0.17	127.39	0.06	-0.89	0.39
		8	7.65	0.17	-96.69	-0.06	-74.74	-0.51
	14	120	-7.63	0.06	127.39	-0.06	-0.86	-0.13
		8	7.63	-0.06	-96.68	0.06	-74.76	0.17
	15	120	-17.40	-0.07	123.71	0.00	-8.63	0.16
		8	17.40	0.07	-93.00	0.00	-64.51	-0.21
	16	120	2.18	-0.04	130.70	0.00	5.27	0.10
		8	-2.18	0.04	-99.99	0.00	-83.13	-0.12
	17	120	-7.38	-0.25	121.84	0.10	-1.63	0.55
		8	7.38	0.25	-91.14	-0.10	-70.25	-0.72
	18	120	-7.35	0.14	121.84	-0.10	-1.59	-0.32
		8	7.35	-0.14	-91.14	0.10	-70.30	0.41
	19	120	-23.63	-0.08	115.71	0.00	-14.54	0.18
		8	23.63	0.08	-85.00	0.00	-53.20	-0.23
	20	120	9.00	-0.03	127.36	0.00	8.64	0.07
		8	-9.00	0.03	-96.66	0.00	-84.24	-0.08
	21	120	-5.96	-0.12	97.66	0.04	1.30	0.27
		8	5.96	0.12	-74.04	-0.04	-59.25	-0.35
	22	120	-5.95	0.03	97.66	-0.04	1.32	-0.08
		8	5.95	-0.03	-74.04	0.04	-59.27	0.10
	23	120	-12.45	-0.05	95.21	0.00	-3.86	0.12
		8	12.45	0.05	-71.59	0.00	-52.43	-0.16
	24	120	0.60	-0.03	99.87	0.00	5.41	0.08
		8	-0.60	0.03	-76.25	0.00	-64.85	-0.10

25	120	-5.83	-0.12	96.87	0.04	-0.81	0.27
	8	5.83	0.12	-73.25	-0.04	-56.61	-0.35
26	120	-5.82	0.03	96.87	-0.04	-0.79	-0.08
	8	5.82	-0.03	-73.25	0.04	-56.63	0.10
27	120	-12.33	-0.05	94.41	0.00	-5.97	0.12
	8	12.33	0.05	-70.80	0.00	-49.79	-0.16
28	120	0.73	-0.03	99.07	0.00	3.30	0.08
	8	-0.73	0.03	-75.46	0.00	-62.21	-0.10
29	120	-5.65	-0.17	93.17	0.07	-1.30	0.38
	8	5.65	0.17	-69.55	-0.07	-53.62	-0.50
30	120	-5.63	0.09	93.17	-0.07	-1.27	-0.20
	8	5.63	-0.09	-69.55	0.07	-53.65	0.26
31	120	-16.48	-0.06	89.08	0.00	-9.91	0.13
	8	16.48	0.06	-65.46	0.00	-42.25	-0.17
32	120	5.27	-0.02	96.85	0.00	5.54	0.05
	8	-5.27	0.02	-73.23	0.00	-62.95	-0.07
33	120	-5.47	-0.04	89.57	0.00	-1.60	0.08
	8	5.47	0.04	-65.95	0.00	-50.88	-0.11
34	120	-5.54	-0.04	91.04	0.00	-1.43	0.09
	8	5.54	0.04	-67.42	0.00	-52.05	-0.11
35	120	-5.47	-0.06	89.56	0.01	-1.63	0.14
	8	5.47	0.06	-65.94	-0.01	-50.85	-0.19
36	120	-5.46	-0.01	89.56	-0.01	-1.63	0.03
	8	5.46	0.01	-65.94	0.01	-50.85	-0.03
37	120	-7.63	-0.04	88.74	0.00	-3.35	0.09
	8	7.63	0.04	-65.12	0.00	-48.57	-0.12
38	120	-3.28	-0.03	90.29	0.00	-0.26	0.08
	8	3.28	0.03	-66.67	0.00	-52.71	-0.10
39	120	-5.47	-0.04	89.57	0.00	-1.60	0.08
	8	5.47	0.04	-65.95	0.00	-50.88	-0.11
40	120	-0.27	-2.59	0.02	2.01	-0.32	5.81
	8	0.27	2.59	-0.02	-2.01	0.31	-7.55
41	120	-0.18	-3.19	0.01	2.75	-0.35	7.08
	8	0.18	3.19	-0.01	-2.75	0.34	-9.23
42	120	-64.76	-0.26	-26.79	-0.42	-46.56	0.53
	8	64.76	0.26	26.79	0.42	64.64	-0.71
43	120	-64.79	0.01	-26.79	0.42	-46.55	0.00
	8	64.79	-0.01	26.79	-0.42	64.63	0.00
44	120	-25.17	-2.70	81.55	1.88	-15.89	6.05
	8	25.17	2.70	-57.93	-1.88	-31.18	-7.87
45	120	13.69	-2.55	97.62	2.13	12.04	5.73
	8	-13.69	2.55	-74.01	-2.13	-69.97	-7.45
46	120	-25.18	-2.62	81.55	2.13	-15.89	5.89
	8	25.18	2.62	-57.93	-2.13	-31.19	-7.66
47	120	13.70	-2.63	97.62	1.88	12.04	5.89
	8	-13.70	2.63	-74.01	-1.88	-69.96	-7.66
48	120	-24.62	2.47	81.51	-2.13	-15.25	-5.56
	8	24.62	-2.47	-57.90	2.13	-31.80	7.23
49	120	14.23	2.63	97.59	-1.88	12.69	-5.88
	8	-14.23	-2.63	-73.97	1.88	-70.59	7.66

50	120	-24.63	2.55	81.51	-1.88	-15.25	-5.72
	8	24.63	-2.55	-57.90	1.88	-31.81	7.44
51	120	14.24	2.55	97.59	-2.13	12.68	-5.72
	8	-14.24	-2.55	-73.97	2.13	-70.58	7.44
52	120	-25.08	-3.30	81.54	2.62	-15.92	7.32
	8	25.08	3.30	-57.93	-2.62	-31.15	-9.55
53	120	13.78	-3.15	97.62	2.87	12.02	7.00
	8	-13.78	3.15	-74.00	-2.87	-69.94	-9.13
54	120	-25.09	-3.22	81.54	2.87	-15.91	7.16
	8	25.09	3.22	-57.93	-2.87	-31.16	-9.34
55	120	13.79	-3.23	97.62	2.62	12.01	7.16
	8	-13.79	3.23	-74.00	-2.62	-69.93	-9.34
56	120	-24.71	3.07	81.52	-2.87	-15.22	-6.83
	8	24.71	-3.07	-57.90	2.87	-31.83	8.91
57	120	14.15	3.23	97.60	-2.62	12.71	-7.15
	8	-14.15	-3.23	-73.98	2.62	-70.62	9.33
58	120	-24.72	3.15	81.52	-2.62	-15.22	-6.99
	8	24.72	-3.15	-57.90	2.62	-31.83	9.12
59	120	14.16	3.15	97.59	-2.87	12.71	-6.99
	8	-14.16	-3.15	-73.98	2.87	-70.61	9.12
60	120	-70.31	-1.07	62.78	0.18	-48.26	2.36
	8	70.31	1.07	-39.16	-0.18	13.85	-3.08
61	120	-70.15	0.48	62.77	-1.03	-48.07	-1.13
	8	70.15	-0.48	-39.15	1.03	13.67	1.45
62	120	-70.28	-1.25	62.78	0.40	-48.27	2.74
	8	70.28	1.25	-39.16	-0.40	13.86	-3.58
63	120	-70.17	0.66	62.77	-1.25	-48.06	-1.51
	8	70.17	-0.66	-39.15	1.25	13.66	1.95
64	120	59.22	-0.55	116.37	1.03	44.86	1.30
	8	-59.22	0.55	-92.75	-1.03	-115.44	-1.67
65	120	59.38	1.00	116.36	-0.18	45.05	-2.19
	8	-59.38	-1.00	-92.74	0.18	-115.62	2.86
66	120	59.24	-0.73	116.37	1.25	44.85	1.68
	8	-59.24	0.73	-92.75	-1.25	-115.43	-2.17
67	120	59.35	1.18	116.36	-0.40	45.06	-2.57
	8	-59.35	-1.18	-92.74	0.40	-115.63	3.36
68	120	-70.34	-0.81	62.78	1.02	-48.25	1.83
	8	70.34	0.81	-39.17	-1.02	13.84	-2.37
69	120	-70.18	0.74	62.77	-0.18	-48.05	-1.66
	8	70.18	-0.74	-39.16	0.18	13.65	2.16
70	120	-70.32	-0.99	62.78	1.24	-48.25	2.21
	8	70.32	0.99	-39.16	-1.24	13.85	-2.87
71	120	-70.21	0.92	62.78	-0.40	-48.05	-2.04
	8	70.21	-0.92	-39.16	0.40	13.64	2.66
72	120	59.25	-0.82	116.37	0.18	44.85	1.83
	8	-59.25	0.82	-92.75	-0.18	-115.42	-2.38
73	120	59.41	0.73	116.35	-1.02	45.04	-1.66
	8	-59.41	-0.73	-92.74	1.02	-115.61	2.15
74	120	59.27	-1.00	116.36	0.40	44.84	2.21
	8	-59.27	1.00	-92.75	-0.40	-115.41	-2.88

	75	120	59.38	0.91	116.36	-1.25	45.05	-2.04
		8	-59.38	-0.91	-92.74	1.25	-115.61	2.65
155	1	8	-3.40	0.01	-47.24	0.00	29.01	0.04
		121	3.40	-0.01	56.69	0.00	6.07	-0.03
	2	8	-2.07	0.02	-18.71	0.00	21.87	0.06
		121	2.07	-0.02	32.88	0.00	-4.46	-0.05
	3	8	-0.31	0.00	-4.46	0.00	5.56	0.01
		121	0.31	0.00	4.46	0.00	-2.55	-0.01
	4	8	-0.37	0.01	-7.34	0.00	5.84	0.02
		121	0.37	-0.01	7.34	0.00	-0.88	-0.01
	5	8	0.00	0.12	0.07	-0.07	-0.18	0.37
		121	0.00	-0.12	-0.07	0.07	0.14	-0.28
	6	8	0.01	-0.12	0.07	0.07	-0.15	-0.37
		121	-0.01	0.12	-0.07	-0.07	0.11	0.28
	7	8	-3.20	-0.02	-3.60	0.00	9.14	-0.05
		121	3.20	0.02	3.60	0.00	-6.71	0.04
	8	8	3.29	0.02	4.15	0.00	-11.55	0.05
		121	-3.29	-0.02	-4.15	0.00	8.75	-0.04
	9	8	-7.86	0.16	-97.88	-0.06	78.71	0.49
		121	7.86	-0.16	128.58	0.06	-2.28	-0.38
	10	8	-7.86	-0.06	-97.88	0.06	78.74	-0.17
		121	7.86	0.06	128.58	-0.06	-2.31	0.13
	11	8	-10.74	0.04	-101.18	0.00	87.10	0.11
		121	10.74	-0.04	131.88	0.00	-8.44	-0.09
	12	8	-4.90	0.07	-94.21	0.00	68.48	0.21
		121	4.90	-0.07	124.91	0.00	5.47	-0.16
	13	8	-7.67	0.16	-96.69	-0.06	74.74	0.49
		121	7.67	-0.16	127.39	0.06	0.89	-0.38
	14	8	-7.66	-0.06	-96.69	0.06	74.77	-0.17
		121	7.66	0.06	127.39	-0.06	0.86	0.13
	15	8	-10.55	0.04	-99.99	0.00	83.13	0.11
		121	10.55	-0.04	130.69	0.00	-5.28	-0.09
	16	8	-4.71	0.07	-93.01	0.00	64.51	0.21
		121	4.71	-0.07	123.72	0.00	8.64	-0.16
	17	8	-7.39	0.23	-91.14	-0.10	70.25	0.69
		121	7.39	-0.23	121.85	0.10	1.63	-0.54
	18	8	-7.38	-0.13	-91.14	0.10	70.30	-0.40
		121	7.38	0.13	121.84	-0.10	1.58	0.31
	19	8	-12.20	0.02	-96.64	0.00	84.24	0.07
		121	12.20	-0.02	127.35	0.00	-8.65	-0.05
	20	8	-2.46	0.08	-85.02	0.00	53.20	0.23
		121	2.46	-0.08	115.72	0.00	14.55	-0.17
	21	8	-5.97	0.11	-74.05	-0.04	59.26	0.34
		121	5.97	-0.11	97.66	0.04	-1.30	-0.26
	22	8	-5.97	-0.03	-74.04	0.04	59.27	-0.10
		121	5.97	0.03	97.66	-0.04	-1.32	0.08
	23	8	-7.89	0.03	-76.25	0.00	64.85	0.09
		121	7.89	-0.03	99.86	0.00	-5.42	-0.07
	24	8	-4.00	0.05	-71.60	0.00	52.44	0.15

	121	4.00	-0.05	95.22	0.00	3.86	-0.12
25	8	-5.84	0.11	-73.25	-0.04	56.61	0.34
	121	5.84	-0.11	96.87	0.04	0.80	-0.26
26	8	-5.84	-0.03	-73.25	0.04	56.63	-0.10
	121	5.84	0.03	96.87	-0.04	0.79	0.08
27	8	-7.76	0.03	-75.45	0.00	62.21	0.09
	121	7.76	-0.03	99.07	0.00	-3.31	-0.07
28	8	-3.87	0.05	-70.80	0.00	49.79	0.15
	121	3.87	-0.05	94.42	0.00	5.97	-0.12
29	8	-5.66	0.16	-69.55	-0.07	53.62	0.48
	121	5.66	-0.16	93.17	0.07	1.30	-0.37
30	8	-5.65	-0.08	-69.55	0.07	53.65	-0.25
	121	5.65	0.08	93.17	-0.07	1.27	0.20
31	8	-8.86	0.02	-73.22	0.00	62.95	0.06
	121	8.86	-0.02	96.84	0.00	-5.55	-0.05
32	8	-2.37	0.06	-65.47	0.00	42.25	0.17
	121	2.37	-0.06	89.09	0.00	9.91	-0.13
33	8	-5.48	0.03	-65.95	0.00	50.89	0.10
	121	5.48	-0.03	89.57	0.00	1.60	-0.08
34	8	-5.55	0.04	-67.42	0.00	52.05	0.11
	121	5.55	-0.04	91.04	0.00	1.43	-0.08
35	8	-5.48	0.06	-65.94	-0.01	50.85	0.18
	121	5.48	-0.06	89.56	0.01	1.63	-0.14
36	8	-5.48	0.01	-65.94	0.01	50.85	0.03
	121	5.48	-0.01	89.56	-0.01	1.62	-0.02
37	8	-6.12	0.03	-66.67	0.00	52.71	0.09
	121	6.12	-0.03	90.29	0.00	0.26	-0.07
38	8	-4.82	0.04	-65.12	0.00	48.58	0.11
	121	4.82	-0.04	88.74	0.00	3.35	-0.09
39	8	-5.48	0.03	-65.95	0.00	50.89	0.10
	121	5.48	-0.03	89.57	0.00	1.60	-0.08
40	8	-0.08	2.97	-0.01	-2.75	-0.34	8.90
	121	0.08	-2.97	0.01	2.75	0.35	-6.90
41	8	-0.04	2.35	-0.02	-2.01	-0.31	7.18
	121	0.04	-2.35	0.02	2.01	0.32	-5.59
42	8	-18.75	-0.23	-26.71	-0.42	64.59	-0.69
	121	18.75	0.23	26.71	0.42	-46.56	0.54
43	8	-18.77	-0.06	-26.71	0.42	64.58	-0.15
	121	18.77	0.06	26.71	-0.42	-46.55	0.11
44	8	-11.19	2.93	-73.98	-2.87	69.92	8.80
	121	11.19	-2.93	97.59	2.87	-12.01	-6.82
45	8	0.07	3.07	-57.95	-2.62	31.16	9.22
	121	-0.07	-3.07	81.57	2.62	15.92	-7.14
46	8	-11.19	2.98	-73.98	-2.62	69.91	8.96
	121	11.19	-2.98	97.59	2.62	-12.01	-6.95
47	8	0.07	3.02	-57.95	-2.87	31.17	9.05
	121	-0.07	-3.02	81.57	2.87	15.92	-7.01
48	8	-11.02	3.00	-73.95	-2.62	70.61	-9.01
	121	11.02	3.00	97.57	-2.62	-12.72	6.98
49	8	0.23	-2.86	-57.93	2.87	31.85	-8.59

	121	-0.23	2.86	81.55	-2.87	15.22	6.66
50	8	-11.03	-2.95	-73.95	2.87	70.60	-8.84
	121	11.03	2.95	97.57	-2.87	-12.71	6.85
51	8	0.24	-2.91	-57.93	2.62	31.86	-8.76
	121	-0.24	2.91	81.55	-2.62	15.22	6.79
52	8	-11.15	2.32	-73.98	-2.13	69.95	7.07
	121	11.15	-2.32	97.60	2.13	-12.04	-5.51
53	8	0.11	2.45	-57.95	-1.88	31.19	7.49
	121	-0.11	-2.45	81.57	1.88	15.90	-5.83
54	8	-11.15	2.37	-73.98	-1.88	69.94	7.24
	121	11.15	-2.37	97.60	1.88	-12.04	-5.64
55	8	0.11	2.41	-57.95	-2.13	31.20	7.32
	121	-0.11	-2.41	81.57	2.13	15.89	-5.70
56	8	-11.06	-2.38	-73.95	1.88	70.58	-7.28
	121	11.06	2.38	97.57	-1.88	-12.69	5.67
57	8	0.19	-2.25	-57.92	2.14	31.82	-6.86
	121	-0.19	2.25	81.54	-2.14	15.25	5.35
58	8	-11.07	-2.34	-73.95	2.13	70.57	-7.12
	121	11.07	2.34	97.57	-2.13	-12.68	5.54
59	8	0.20	-2.30	-57.92	1.88	31.83	-7.03
	121	-0.20	2.30	81.54	-1.88	15.24	5.48
60	8	-24.26	0.70	-92.67	-1.25	115.37	2.08
	121	24.26	-0.70	116.29	1.25	-44.85	-1.61
61	8	-24.21	-1.08	-92.66	0.40	115.58	-3.26
	121	24.21	1.08	116.28	-0.40	-45.06	2.53
62	8	-24.24	0.51	-92.67	-1.03	115.38	1.56
	121	24.24	-0.51	116.29	1.03	-44.86	-1.22
63	8	-24.22	-0.90	-92.66	0.18	115.57	-2.74
	121	24.22	0.90	116.28	-0.18	-45.05	2.14
64	8	13.25	1.15	-39.24	-0.40	-13.81	3.47
	121	-13.25	-1.15	62.86	0.40	48.27	-2.69
65	8	13.30	-0.63	-39.24	1.25	-13.60	-1.87
	121	-13.30	0.63	62.85	-1.25	48.06	1.45
66	8	13.26	0.97	-39.24	-0.18	-13.80	2.95
	121	-13.26	-0.97	62.86	0.18	48.26	-2.30
67	8	13.29	-0.44	-39.23	1.03	-13.61	-1.36
	121	-13.29	0.44	62.85	-1.03	48.07	1.06
68	8	-24.27	0.86	-92.66	-0.40	115.36	2.63
	121	24.27	-0.86	116.28	0.40	-44.84	-2.04
69	8	-24.23	-0.92	-92.66	1.24	115.56	-2.72
	121	24.23	0.92	116.28	-1.24	-45.05	2.10
70	8	-24.26	0.68	-92.67	-0.18	115.37	2.11
	121	24.26	-0.68	116.28	0.18	-44.85	-1.65
71	8	-24.24	-0.73	-92.66	1.02	115.55	-2.20
	121	24.24	0.73	116.27	-1.02	-45.04	1.70
72	8	13.27	0.99	-39.24	-1.24	-13.79	2.92
	121	-13.27	-0.99	62.86	1.24	48.25	-2.26
73	8	13.32	-0.79	-39.24	0.40	-13.59	-2.42
	121	-13.32	0.79	62.86	-0.40	48.04	1.88
74	8	13.28	0.80	-39.25	-1.02	-13.78	2.41

		121	-13.28	-0.80	62.86	1.02	48.25	-1.86
	75	8	13.31	-0.61	-39.24	0.18	-13.60	-1.90
		121	-13.31	0.61	62.85	-0.18	48.05	1.49
156	1	121	-3.40	0.01	-23.94	0.00	-6.07	0.03
		122	3.40	-0.01	39.34	0.00	40.87	-0.02
	2	121	-2.07	0.02	-2.89	0.00	4.46	0.05
		122	2.07	-0.02	25.98	0.00	11.42	-0.03
	3	121	-0.31	0.00	-3.07	0.00	2.55	0.01
		122	0.31	0.00	3.07	0.00	0.83	0.00
	4	121	-0.37	0.01	-4.81	0.00	0.88	0.01
		122	0.37	-0.01	4.81	0.00	4.41	-0.01
	5	121	0.00	0.12	0.05	-0.07	-0.14	0.28
		122	0.00	-0.12	-0.05	0.07	0.08	-0.15
	6	121	0.01	-0.12	0.05	0.07	-0.11	-0.28
		122	-0.01	0.12	-0.05	-0.07	0.05	0.15
	7	121	-3.20	-0.02	-3.56	0.00	6.71	-0.04
		122	3.20	0.02	3.56	0.00	-2.79	0.02
	8	121	3.29	0.02	4.06	0.00	-8.75	0.04
		122	-3.29	-0.02	-4.06	0.00	4.28	-0.02
	9	121	-7.86	0.16	-43.05	-0.06	2.28	0.38
		122	7.86	-0.16	93.09	0.06	72.60	-0.20
	10	121	-7.86	-0.06	-43.05	0.06	2.31	-0.13
		122	7.86	0.06	93.09	-0.06	72.57	0.07
	11	121	-10.74	0.04	-46.31	0.00	8.44	0.09
		122	10.74	-0.04	96.34	0.00	70.01	-0.05
	12	121	-4.90	0.07	-39.44	0.00	-5.47	0.16
		122	4.90	-0.07	89.48	0.00	76.38	-0.08
	13	121	-7.67	0.16	-42.06	-0.06	-0.89	0.38
		122	7.67	-0.16	92.10	0.06	74.67	-0.20
	14	121	-7.66	-0.06	-42.06	0.06	-0.86	-0.13
		122	7.66	0.06	92.10	-0.06	74.64	0.07
	15	121	-10.55	0.04	-45.31	0.00	5.28	0.09
		122	10.55	-0.04	95.35	0.00	72.08	-0.05
	16	121	-4.71	0.07	-38.45	0.00	-8.64	0.16
		122	4.71	-0.07	88.48	0.00	78.45	-0.08
	17	121	-7.39	0.23	-38.42	-0.10	-1.63	0.54
		122	7.39	-0.23	88.46	0.10	71.41	-0.28
	18	121	-7.38	-0.13	-38.42	0.10	-1.58	-0.31
		122	7.38	0.13	88.46	-0.10	71.37	0.17
	19	121	-12.20	0.02	-43.84	0.00	8.65	0.05
		122	12.20	-0.02	93.88	0.00	67.10	-0.03
	20	121	-2.46	0.08	-32.40	0.00	-14.55	0.17
		122	2.46	-0.08	82.44	0.00	77.71	-0.09
	21	121	-5.97	0.11	-32.28	-0.04	1.30	0.26
		122	5.97	-0.11	70.77	0.04	55.37	-0.14
	22	121	-5.97	-0.03	-32.28	0.04	1.32	-0.08
		122	5.97	0.03	70.77	-0.04	55.36	0.04
	23	121	-7.89	0.03	-34.45	0.00	5.42	0.07
		122	7.89	-0.03	72.94	0.00	53.65	-0.04

24	121	-4.00	0.05	-29.87	0.00	-3.86	0.12
	122	4.00	-0.05	68.36	0.00	57.89	-0.06
25	121	-5.84	0.11	-31.62	-0.04	-0.80	0.26
	122	5.84	-0.11	70.11	0.04	56.75	-0.14
26	121	-5.84	-0.03	-31.62	0.04	-0.79	-0.08
	122	5.84	0.03	70.11	-0.04	56.74	0.04
27	121	-7.76	0.03	-33.79	0.00	3.31	0.07
	122	7.76	-0.03	72.28	0.00	55.03	-0.04
28	121	-3.87	0.05	-29.21	0.00	-5.97	0.12
	122	3.87	-0.05	67.70	0.00	59.27	-0.06
29	121	-5.66	0.16	-29.19	-0.07	-1.30	0.37
	122	5.66	-0.16	67.68	0.07	54.58	-0.20
30	121	-5.65	-0.08	-29.19	0.07	-1.27	-0.20
	122	5.65	0.08	67.68	-0.07	54.55	0.11
31	121	-8.86	0.02	-32.81	0.00	5.55	0.05
	122	8.86	-0.02	71.30	0.00	51.71	-0.03
32	121	-2.37	0.06	-25.18	0.00	-9.91	0.13
	122	2.37	-0.06	63.67	0.00	58.78	-0.07
33	121	-5.48	0.03	-26.84	0.00	-1.60	0.08
	122	5.48	-0.03	65.33	0.00	52.29	-0.04
34	121	-5.55	0.04	-27.80	0.00	-1.43	0.08
	122	5.55	-0.04	66.29	0.00	53.18	-0.04
35	121	-5.48	0.06	-26.83	-0.01	-1.63	0.14
	122	5.48	-0.06	65.32	0.01	52.31	-0.07
36	121	-5.48	0.01	-26.83	0.01	-1.62	0.02
	122	5.48	-0.01	65.32	-0.01	52.30	-0.01
37	121	-6.12	0.03	-27.55	0.00	-0.26	0.07
	122	6.12	-0.03	66.04	0.00	51.73	-0.04
38	121	-4.82	0.04	-26.02	0.00	-3.35	0.09
	122	4.82	-0.04	64.51	0.00	53.15	-0.05
39	121	-5.48	0.03	-26.84	0.00	-1.60	0.08
	122	5.48	-0.03	65.33	0.00	52.29	-0.04
40	121	-0.08	2.97	0.02	-2.75	-0.35	6.90
	122	0.08	-2.97	-0.02	2.75	0.33	-3.64
41	121	-0.04	2.35	0.02	-2.01	-0.32	5.59
	122	0.04	-2.35	-0.02	2.01	0.31	-3.00
42	121	-18.75	-0.23	-26.03	-0.42	46.56	-0.54
	122	18.75	0.23	26.03	0.42	-17.93	0.29
43	121	-18.77	-0.06	-26.02	0.42	46.55	-0.11
	122	18.77	0.06	26.02	-0.42	-17.92	0.04
44	121	-11.19	2.93	-34.62	-2.87	12.01	6.82
	122	11.19	-2.93	73.11	2.87	47.24	-3.60
45	121	0.07	3.07	-19.01	-2.62	-15.92	7.14
	122	-0.07	-3.07	57.50	2.62	58.00	-3.77
46	121	-11.19	2.98	-34.62	-2.62	12.01	6.95
	122	11.19	-2.98	73.11	2.62	47.24	-3.67
47	121	0.07	3.02	-19.01	-2.87	-15.92	7.01
	122	-0.07	-3.02	57.50	2.87	58.00	-3.69
48	121	-11.02	-3.00	-34.67	2.62	12.72	-6.98
	122	11.02	3.00	73.16	-2.62	46.59	3.68

49	121	0.23	-2.86	-19.05	2.87	-15.22	-6.66
	122	-0.23	2.86	57.54	-2.87	57.35	3.51
50	121	-11.03	-2.95	-34.67	2.87	12.71	-6.85
	122	11.03	2.95	73.16	-2.87	46.59	3.61
51	121	0.24	-2.91	-19.05	2.62	-15.22	-6.79
	122	-0.24	2.91	57.54	-2.62	57.34	3.59
52	121	-11.15	2.32	-34.63	-2.13	12.04	5.51
	122	11.15	-2.32	73.12	2.13	47.22	-2.96
53	121	0.11	2.45	-19.01	-1.88	-15.90	5.83
	122	-0.11	-2.45	57.50	1.88	57.98	-3.13
54	121	-11.15	2.37	-34.63	-1.88	12.04	5.64
	122	11.15	-2.37	73.12	1.88	47.22	-3.03
55	121	0.11	2.41	-19.02	-2.13	-15.89	5.70
	122	-0.11	-2.41	57.50	2.13	57.98	-3.05
56	121	-11.06	-2.38	-34.66	1.88	12.69	-5.67
	122	11.06	2.38	73.15	-1.88	46.61	3.05
57	121	0.19	-2.25	-19.05	2.14	-15.25	-5.35
	122	-0.19	2.25	57.53	-2.14	57.37	2.87
58	121	-11.07	-2.34	-34.66	2.13	12.68	-5.54
	122	11.07	2.34	73.15	-2.13	46.61	2.97
59	121	0.20	-2.30	-19.05	1.88	-15.24	-5.48
	122	-0.20	2.30	57.54	-1.88	57.36	2.95
60	121	-24.26	0.70	-52.86	-1.25	44.85	1.61
	122	24.26	-0.70	91.35	1.25	34.46	-0.84
61	121	-24.21	-1.08	-52.87	0.40	45.06	-2.53
	122	24.21	1.08	91.36	-0.40	34.26	1.34
62	121	-24.24	0.51	-52.86	-1.03	44.86	1.22
	122	24.24	-0.51	91.35	1.03	34.45	-0.65
63	121	-24.22	-0.90	-52.87	0.18	45.05	-2.14
	122	24.22	0.90	91.36	-0.18	34.27	1.15
64	121	13.25	1.15	-0.81	-0.40	-48.27	2.69
	122	-13.25	-1.15	39.29	0.40	70.32	-1.42
65	121	13.30	-0.63	-0.82	1.25	-48.06	-1.45
	122	-13.30	0.63	39.31	-1.25	70.13	0.76
66	121	13.26	0.97	-0.81	-0.18	-48.26	2.30
	122	-13.26	-0.97	39.30	0.18	70.32	-1.23
67	121	13.29	-0.44	-0.82	1.03	-48.07	-1.06
	122	-13.29	0.44	39.31	-1.03	70.13	0.57
68	121	-24.27	0.86	-52.85	-0.40	44.84	2.04
	122	24.27	-0.86	91.34	0.40	34.47	-1.10
69	121	-24.23	-0.92	-52.87	1.24	45.05	-2.10
	122	24.23	0.92	91.36	-1.24	34.27	1.09
70	121	-24.26	0.68	-52.86	-0.18	44.85	1.65
	122	24.26	-0.68	91.34	0.18	34.46	-0.91
71	121	-24.24	-0.73	-52.86	1.02	45.04	-1.70
	122	24.24	0.73	91.35	-1.02	34.28	0.89
72	121	13.27	0.99	-0.81	-1.24	-48.25	2.26
	122	-13.27	-0.99	39.30	1.24	70.31	-1.17
73	121	13.32	-0.79	-0.82	0.40	-48.04	-1.88
	122	-13.32	0.79	39.31	-0.40	70.12	1.01

	74	121	13.28	0.80	-0.81	-1.02	-48.25	1.86
		122	-13.28	-0.80	39.30	1.02	70.31	-0.98
	75	121	13.31	-0.61	-0.82	0.18	-48.05	-1.49
		122	-13.31	0.61	39.31	-0.18	70.12	0.82
157	1	122	-3.40	0.01	-6.59	0.00	-40.87	0.02
		123	3.40	-0.01	21.99	0.00	56.60	0.00
	2	122	-2.07	0.02	3.96	0.00	-11.42	0.03
		123	2.07	-0.02	19.13	0.00	19.76	0.00
	3	122	-0.31	0.00	-1.69	0.00	-0.83	0.00
		123	0.31	0.00	1.69	0.00	2.68	0.00
	4	122	-0.37	0.01	-2.29	0.00	-4.41	0.01
		123	0.37	-0.01	2.29	0.00	6.93	0.00
	5	122	0.00	0.12	0.04	-0.07	-0.08	0.15
		123	0.00	-0.12	-0.04	0.07	0.04	-0.02
	6	122	0.01	-0.12	0.03	0.07	-0.05	-0.15
		123	-0.01	0.12	-0.03	-0.07	0.02	0.02
	7	122	-3.20	-0.02	-3.45	0.00	2.79	-0.02
		123	3.20	0.02	3.45	0.00	1.00	0.00
	8	122	3.29	0.02	3.91	0.00	-4.28	0.02
		123	-3.29	-0.02	-3.91	0.00	-0.03	0.00
	9	122	-7.86	0.16	-7.64	-0.06	-72.60	0.20
		123	7.86	-0.16	57.67	0.06	108.52	-0.02
	10	122	-7.86	-0.06	-7.64	0.06	-72.57	-0.07
		123	7.86	0.06	57.68	-0.06	108.50	0.01
	11	122	-10.74	0.04	-10.78	0.00	-70.01	0.05
		123	10.74	-0.04	60.81	0.00	109.39	-0.01
	12	122	-4.90	0.07	-4.15	0.00	-76.38	0.08
		123	4.90	-0.07	54.19	0.00	108.46	-0.01
	13	122	-7.67	0.16	-6.83	-0.06	-74.67	0.20
		123	7.67	-0.16	56.86	0.06	109.70	-0.02
	14	122	-7.66	-0.06	-6.83	0.06	-74.64	-0.07
		123	7.66	0.06	56.87	-0.06	109.68	0.01
	15	122	-10.55	0.04	-9.97	0.00	-72.08	0.05
		123	10.55	-0.04	60.00	0.00	110.57	-0.01
	16	122	-4.71	0.07	-3.34	0.00	-78.45	0.08
		123	4.71	-0.07	53.37	0.00	109.64	-0.01
	17	122	-7.39	0.23	-5.08	-0.10	-71.41	0.28
		123	7.39	-0.23	55.12	0.10	104.52	-0.03
	18	122	-7.38	-0.13	-5.09	0.10	-71.37	-0.17
		123	7.38	0.13	55.13	-0.10	104.49	0.02
	19	122	-12.20	0.02	-10.32	0.00	-67.10	0.03
		123	12.20	-0.02	60.35	0.00	105.97	0.00
	20	122	-2.46	0.08	0.73	0.00	-77.71	0.09
		123	2.46	-0.08	49.31	0.00	104.43	-0.01
	21	122	-5.97	0.11	-5.44	-0.04	-55.37	0.14
		123	5.97	-0.11	43.93	0.04	82.53	-0.01
	22	122	-5.97	-0.03	-5.45	0.04	-55.36	-0.04
		123	5.97	0.03	43.94	-0.04	82.52	0.01
	23	122	-7.89	0.03	-7.54	0.00	-53.65	0.04

	123	7.89	-0.03	46.03	0.00	83.11	0.00
24	122	-4.00	0.05	-3.12	0.00	-57.89	0.06
	123	4.00	-0.05	41.61	0.00	82.49	0.00
25	122	-5.84	0.11	-4.90	-0.04	-56.75	0.14
	123	5.84	-0.11	43.39	0.04	83.31	-0.01
26	122	-5.84	-0.03	-4.90	0.04	-56.74	-0.04
	123	5.84	0.03	43.39	-0.04	83.30	0.01
27	122	-7.76	0.03	-6.99	0.00	-55.03	0.04
	123	7.76	-0.03	45.48	0.00	83.89	0.00
28	122	-3.87	0.05	-2.58	0.00	-59.27	0.06
	123	3.87	-0.05	41.07	0.00	83.27	0.00
29	122	-5.66	0.16	-3.74	-0.07	-54.58	0.20
	123	5.66	-0.16	42.23	0.07	79.86	-0.02
30	122	-5.65	-0.08	-3.75	0.07	-54.55	-0.11
	123	5.65	0.08	42.24	-0.07	79.84	0.01
31	122	-8.86	0.02	-7.23	0.00	-51.71	0.03
	123	8.86	-0.02	45.72	0.00	80.83	0.00
32	122	-2.37	0.06	0.13	0.00	-58.78	0.07
	123	2.37	-0.06	38.35	0.00	79.80	0.00
33	122	-5.48	0.03	-2.63	0.00	-52.29	0.04
	123	5.48	-0.03	41.12	0.00	76.36	0.00
34	122	-5.55	0.04	-3.09	0.00	-53.18	0.04
	123	5.55	-0.04	41.58	0.00	77.75	0.00
35	122	-5.48	0.06	-2.63	-0.01	-52.31	0.07
	123	5.48	-0.06	41.12	0.01	76.37	-0.01
36	122	-5.48	0.01	-2.63	0.01	-52.30	0.01
	123	5.48	-0.01	41.12	-0.01	76.36	0.00
37	122	-6.12	0.03	-3.32	0.00	-51.73	0.04
	123	6.12	-0.03	41.81	0.00	76.56	0.00
38	122	-4.82	0.04	-1.85	0.00	-53.15	0.05
	123	4.82	-0.04	40.34	0.00	76.35	0.00
39	122	-5.48	0.03	-2.63	0.00	-52.29	0.04
	123	5.48	-0.03	41.12	0.00	76.36	0.00
40	122	-0.08	2.97	0.06	-2.75	-0.33	3.64
	123	0.08	-2.97	-0.06	2.75	0.26	-0.38
41	122	-0.04	2.35	0.05	-2.01	-0.31	3.00
	123	0.04	-2.35	-0.05	2.01	0.25	-0.42
42	122	-18.75	-0.23	-24.38	-0.42	17.93	-0.29
	123	18.75	0.23	24.38	0.42	8.89	0.04
43	122	-18.77	-0.06	-24.38	0.42	17.92	-0.04
	123	18.77	0.06	24.38	-0.42	8.89	-0.03
44	122	-11.19	2.93	-9.89	-2.87	-47.24	3.60
	123	11.19	-2.93	48.38	2.87	79.29	-0.37
45	122	0.07	3.07	4.74	-2.62	-58.00	3.77
	123	-0.07	-3.07	33.75	2.62	73.96	-0.39
46	122	-11.19	2.98	-9.89	-2.62	-47.24	3.67
	123	11.19	-2.98	48.38	2.62	79.29	-0.39
47	122	0.07	3.02	4.74	-2.87	-58.00	3.69
	123	-0.07	-3.02	33.75	2.87	73.96	-0.37
48	122	-11.02	-3.00	-10.00	2.62	-46.59	-3.68

	123	11.02	3.00	48.49	-2.62	78.76	0.39
49	122	0.23	-2.86	4.62	2.87	-57.35	-3.51
	123	-0.23	2.86	33.87	-2.87	73.43	0.36
50	122	-11.03	-2.95	-10.00	2.87	-46.59	-3.61
	123	11.03	2.95	48.49	-2.87	78.76	0.36
51	122	0.24	-2.91	4.62	2.62	-57.34	-3.59
	123	-0.24	2.91	33.87	-2.62	73.43	0.38
52	122	-11.15	2.32	-9.90	-2.13	-47.22	2.96
	123	11.15	-2.32	48.39	2.13	79.28	-0.41
53	122	0.11	2.45	4.73	-1.88	-57.98	3.13
	123	-0.11	-2.45	33.76	1.88	73.95	-0.43
54	122	-11.15	2.37	-9.90	-1.88	-47.22	3.03
	123	11.15	-2.37	48.39	1.88	79.28	-0.43
55	122	0.11	2.41	4.73	-2.13	-57.98	3.05
	123	-0.11	-2.41	33.76	2.13	73.95	-0.41
56	122	-11.06	-2.38	-10.00	1.88	-46.61	-3.05
	123	11.06	2.38	48.49	-1.88	78.77	0.42
57	122	0.19	-2.25	4.63	2.14	-57.37	-2.87
	123	-0.19	2.25	33.86	-2.14	73.44	0.40
58	122	-11.07	-2.34	-10.00	2.13	-46.61	-2.97
	123	11.07	2.34	48.48	-2.13	78.77	0.40
59	122	0.20	-2.30	4.63	1.88	-57.36	-2.95
	123	-0.20	2.30	33.86	-1.88	73.44	0.42
60	122	-24.26	0.70	-27.00	-1.25	-34.46	0.84
	123	24.26	-0.70	65.49	1.25	85.32	-0.08
61	122	-24.21	-1.08	-27.03	0.40	-34.26	-1.34
	123	24.21	1.08	65.52	-0.40	85.17	0.15
62	122	-24.24	0.51	-27.00	-1.03	-34.45	0.65
	123	24.24	-0.51	65.49	1.03	85.32	-0.09
63	122	-24.22	-0.90	-27.03	0.18	-34.27	-1.15
	123	24.22	0.90	65.52	-0.18	85.17	0.16
64	122	13.25	1.15	21.76	-0.40	-70.32	1.42
	123	-13.25	-1.15	16.73	0.40	67.55	-0.16
65	122	13.30	-0.63	21.73	1.25	-70.13	-0.76
	123	-13.30	0.63	16.76	-1.25	67.40	0.07
66	122	13.26	0.97	21.76	-0.18	-70.32	1.23
	123	-13.26	-0.97	16.73	0.18	67.55	-0.17
67	122	13.29	-0.44	21.73	1.03	-70.13	-0.57
	123	-13.29	0.44	16.76	-1.03	67.40	0.08
68	122	-24.27	0.86	-26.99	-0.40	-34.47	1.10
	123	24.27	-0.86	65.48	0.40	85.33	-0.15
69	122	-24.23	-0.92	-27.03	1.24	-34.27	-1.09
	123	24.23	0.92	65.52	-1.24	85.17	0.08
70	122	-24.26	0.68	-26.99	-0.18	-34.46	0.91
	123	24.26	-0.68	65.48	0.18	85.33	-0.16
71	122	-24.24	-0.73	-27.02	1.02	-34.28	-0.89
	123	24.24	0.73	65.51	-1.02	85.18	0.09
72	122	13.27	0.99	21.76	-1.24	-70.31	1.17
	123	-13.27	-0.99	16.73	1.24	67.55	-0.08
73	122	13.32	-0.79	21.72	0.40	-70.12	-1.01

		123	-13.32	0.79	16.76	-0.40	67.39	0.14
74		122	13.28	0.80	21.76	-1.02	-70.31	0.98
		123	-13.28	-0.80	16.73	1.02	67.54	-0.09
75		122	13.31	-0.61	21.73	0.18	-70.12	-0.82
		123	-13.31	0.61	16.76	-0.18	67.39	0.16
158	1	123	-3.40	0.01	10.93	0.00	-56.60	0.00
		124	3.40	-0.01	4.47	0.00	53.04	0.01
	2	123	-2.07	0.02	10.80	0.00	-19.76	0.00
		124	2.07	-0.02	12.28	0.00	20.58	0.02
	3	123	-0.31	0.00	-0.32	0.00	-2.68	0.00
		124	0.31	0.00	0.32	0.00	3.03	0.00
	4	123	-0.37	0.01	0.24	0.00	-6.93	0.00
		124	0.37	-0.01	-0.24	0.00	6.67	0.01
	5	123	0.00	0.12	0.03	-0.07	-0.04	0.02
		124	0.00	-0.12	-0.03	0.07	0.01	0.12
	6	123	0.01	-0.12	0.02	0.07	-0.02	-0.02
		124	-0.01	0.12	-0.02	-0.07	0.00	-0.12
	7	123	-3.20	-0.02	-3.27	0.00	-1.00	0.00
		124	3.20	0.02	3.27	0.00	4.60	-0.02
	8	123	3.29	0.02	3.72	0.00	0.03	0.00
		124	-3.29	-0.02	-3.72	0.00	-4.12	0.02
	9	123	-7.86	0.16	27.98	-0.06	-108.52	0.02
		124	7.86	-0.16	22.05	0.06	105.26	0.16
	10	123	-7.86	-0.06	27.98	0.06	-108.50	-0.01
		124	7.86	0.06	22.06	-0.06	105.25	-0.05
	11	123	-10.74	0.04	25.01	0.00	-109.39	0.01
		124	10.74	-0.04	25.02	0.00	109.39	0.04
	12	123	-4.90	0.07	31.31	0.00	-108.46	0.01
		124	4.90	-0.07	18.73	0.00	101.55	0.07
	13	123	-7.67	0.16	28.64	-0.06	-109.70	0.02
		124	7.67	-0.16	21.39	0.06	105.71	0.16
	14	123	-7.66	-0.06	28.63	0.06	-109.68	-0.01
		124	7.66	0.06	21.40	-0.06	105.70	-0.05
	15	123	-10.55	0.04	25.67	0.00	-110.57	0.01
		124	10.55	-0.04	24.36	0.00	109.84	0.04
	16	123	-4.71	0.07	31.96	0.00	-109.64	0.01
		124	4.71	-0.07	18.07	0.00	102.00	0.07
	17	123	-7.39	0.23	28.48	-0.10	-104.52	0.03
		124	7.39	-0.23	21.56	0.10	100.72	0.22
	18	123	-7.38	-0.13	28.46	0.10	-104.49	-0.02
		124	7.38	0.13	21.57	-0.10	100.70	-0.13
	19	123	-12.20	0.02	23.53	0.00	-105.97	0.00
		124	12.20	-0.02	26.51	0.00	107.61	0.02
	20	123	-2.46	0.08	34.01	0.00	-104.43	0.01
		124	2.46	-0.08	16.02	0.00	94.53	0.08
	21	123	-5.97	0.11	21.55	-0.04	-82.53	0.01
		124	5.97	-0.11	16.94	0.04	79.99	0.11
	22	123	-5.97	-0.03	21.55	0.04	-82.52	-0.01
		124	5.97	0.03	16.94	-0.04	79.98	-0.03

23	123	-7.89	0.03	19.57	0.00	-83.11	0.00
	124	7.89	-0.03	18.91	0.00	82.74	0.03
24	123	-4.00	0.05	23.77	0.00	-82.49	0.00
	124	4.00	-0.05	14.72	0.00	77.51	0.05
25	123	-5.84	0.11	21.99	-0.04	-83.31	0.01
	124	5.84	-0.11	16.50	0.04	80.29	0.11
26	123	-5.84	-0.03	21.99	0.04	-83.30	-0.01
	124	5.84	0.03	16.50	-0.04	80.28	-0.03
27	123	-7.76	0.03	20.01	0.00	-83.89	0.00
	124	7.76	-0.03	18.48	0.00	83.05	0.03
28	123	-3.87	0.05	24.21	0.00	-83.27	0.00
	124	3.87	-0.05	14.28	0.00	77.81	0.05
29	123	-5.66	0.16	21.88	-0.07	-79.86	0.02
	124	5.66	-0.16	16.61	0.07	76.96	0.15
30	123	-5.65	-0.08	21.87	0.07	-79.84	-0.01
	124	5.65	0.08	16.62	-0.07	76.95	-0.08
31	123	-8.86	0.02	18.58	0.00	-80.83	0.00
	124	8.86	-0.02	19.91	0.00	81.55	0.02
32	123	-2.37	0.06	25.57	0.00	-79.80	0.00
	124	2.37	-0.06	12.91	0.00	72.84	0.06
33	123	-5.48	0.03	21.74	0.00	-76.36	0.00
	124	5.48	-0.03	16.75	0.00	73.62	0.04
34	123	-5.55	0.04	21.78	0.00	-77.75	0.00
	124	5.55	-0.04	16.70	0.00	74.95	0.04
35	123	-5.48	0.06	21.74	-0.01	-76.37	0.01
	124	5.48	-0.06	16.75	0.01	73.62	0.06
36	123	-5.48	0.01	21.74	0.01	-76.36	0.00
	124	5.48	-0.01	16.75	-0.01	73.62	0.01
37	123	-6.12	0.03	21.08	0.00	-76.56	0.00
	124	6.12	-0.03	17.41	0.00	74.54	0.03
38	123	-4.82	0.04	22.48	0.00	-76.35	0.00
	124	4.82	-0.04	16.01	0.00	72.80	0.04
39	123	-5.48	0.03	21.74	0.00	-76.36	0.00
	124	5.48	-0.03	16.75	0.00	73.62	0.04
40	123	-0.08	2.97	0.10	-2.75	-0.26	0.38
	124	0.08	-2.97	-0.10	2.75	0.16	2.88
41	123	-0.04	2.35	0.08	-2.01	-0.25	0.42
	124	0.04	-2.35	-0.08	2.01	0.16	2.17
42	123	-18.75	-0.23	-21.86	-0.42	-8.89	-0.04
	124	18.75	0.23	21.86	0.42	32.93	-0.21
43	123	-18.77	-0.06	-21.85	0.42	-8.89	0.03
	124	18.77	0.06	21.85	-0.42	32.93	-0.10
44	123	-11.19	2.93	15.27	-2.87	-79.29	0.37
	124	11.19	-2.93	23.21	2.87	83.66	2.86
45	123	0.07	3.07	28.39	-2.62	-73.96	0.39
	124	-0.07	-3.07	10.10	2.62	63.90	2.98
46	123	-11.19	2.98	15.28	-2.62	-79.29	0.39
	124	11.19	-2.98	23.21	2.62	83.66	2.89
47	123	0.07	3.02	28.39	-2.87	-73.96	0.37
	124	-0.07	-3.02	10.10	2.87	63.90	2.95

48	123	-11.02	-3.00	15.08	2.62	-78.76	-0.39
	124	11.02	3.00	23.41	-2.62	83.34	-2.91
49	123	0.23	-2.86	28.20	2.87	-73.43	-0.36
	124	-0.23	2.86	10.29	-2.87	63.58	-2.79
50	123	-11.03	-2.95	15.08	2.87	-78.76	-0.36
	124	11.03	2.95	23.40	-2.87	83.34	-2.88
51	123	0.24	-2.91	28.20	2.62	-73.43	-0.38
	124	-0.24	2.91	10.29	-2.62	63.58	-2.82
52	123	-11.15	2.32	15.26	-2.13	-79.28	0.41
	124	11.15	-2.32	23.23	2.13	83.66	2.14
53	123	0.11	2.45	28.38	-1.88	-73.95	0.43
	124	-0.11	-2.45	10.11	1.88	63.90	2.27
54	123	-11.15	2.37	15.26	-1.88	-79.28	0.43
	124	11.15	-2.37	23.22	1.88	83.66	2.18
55	123	0.11	2.41	28.38	-2.13	-73.95	0.41
	124	-0.11	-2.41	10.11	2.13	63.90	2.24
56	123	-11.06	-2.38	15.09	1.88	-78.77	-0.42
	124	11.06	2.38	23.39	-1.88	83.34	-2.20
57	123	0.19	-2.25	28.21	2.14	-73.44	-0.40
	124	-0.19	2.25	10.28	-2.14	63.58	-2.07
58	123	-11.07	-2.34	15.10	2.13	-78.77	-0.40
	124	11.07	2.34	23.39	-2.13	83.34	-2.17
59	123	0.20	-2.30	28.21	1.88	-73.44	-0.42
	124	-0.20	2.30	10.28	-1.88	63.58	-2.11
60	123	-24.26	0.70	-0.09	-1.25	-85.32	0.08
	124	24.26	-0.70	38.58	1.25	106.60	0.69
61	123	-24.21	-1.08	-0.15	0.40	-85.17	-0.15
	124	24.21	1.08	38.64	-0.40	106.50	-1.04
62	123	-24.24	0.51	-0.10	-1.03	-85.32	0.09
	124	24.24	-0.51	38.59	1.03	106.60	0.48
63	123	-24.22	-0.90	-0.15	0.18	-85.17	-0.16
	124	24.22	0.90	38.64	-0.18	106.50	-0.83
64	123	13.25	1.15	43.62	-0.40	-67.55	0.16
	124	-13.25	-1.15	-5.13	0.40	40.74	1.11
65	123	13.30	-0.63	43.57	1.25	-67.40	-0.07
	124	-13.30	0.63	-5.08	-1.25	40.64	-0.62
66	123	13.26	0.97	43.62	-0.18	-67.55	0.17
	124	-13.26	-0.97	-5.13	0.18	40.74	0.90
67	123	13.29	-0.44	43.57	1.03	-67.40	-0.08
	124	-13.29	0.44	-5.08	-1.03	40.64	-0.41
68	123	-24.27	0.86	-0.09	-0.40	-85.33	0.15
	124	24.27	-0.86	38.58	0.40	106.59	0.80
69	123	-24.23	-0.92	-0.14	1.24	-85.17	-0.08
	124	24.23	0.92	38.63	-1.24	106.50	-0.93
70	123	-24.26	0.68	-0.09	-0.18	-85.33	0.16
	124	24.26	-0.68	38.58	0.18	106.60	0.58
71	123	-24.24	-0.73	-0.14	1.02	-85.18	-0.09
	124	24.24	0.73	38.63	-1.02	106.50	-0.72
72	123	13.27	0.99	43.62	-1.24	-67.55	0.08
	124	-13.27	-0.99	-5.13	1.24	40.74	1.00

	73	123	13.32	-0.79	43.56	0.40	-67.39	-0.14
		124	-13.32	0.79	-5.07	-0.40	40.64	-0.73
	74	123	13.28	0.80	43.61	-1.02	-67.54	0.09
		124	-13.28	-0.80	-5.12	1.02	40.74	0.79
	75	123	13.31	-0.61	43.56	0.18	-67.39	-0.16
		124	-13.31	0.61	-5.07	-0.18	40.64	-0.51
159	1	124	-3.40	0.01	28.87	0.00	-53.04	-0.01
		125	3.40	-0.01	-13.47	0.00	29.76	0.03
	2	124	-2.07	0.02	17.72	0.00	-20.58	-0.02
		125	2.07	-0.02	5.37	0.00	13.78	0.04
	3	124	-0.31	0.00	1.05	0.00	-3.03	0.00
		125	0.31	0.00	-1.05	0.00	1.88	0.01
	4	124	-0.37	0.01	2.81	0.00	-6.67	-0.01
		125	0.37	-0.01	-2.81	0.00	3.57	0.01
	5	124	0.00	0.12	0.01	-0.07	-0.01	-0.12
		125	0.00	-0.12	-0.01	0.07	0.00	0.25
	6	124	0.01	-0.12	0.00	0.07	0.00	0.12
		125	-0.01	0.12	0.00	-0.07	-0.01	-0.25
	7	124	-3.20	-0.02	-3.03	0.00	-4.60	0.02
		125	3.20	0.02	3.03	0.00	7.93	-0.04
	8	124	3.29	0.02	3.48	0.00	4.12	-0.02
		125	-3.29	-0.02	-3.48	0.00	-7.94	0.04
	9	124	-7.86	0.16	64.26	-0.06	-105.26	-0.16
		125	7.86	-0.16	-14.23	0.06	62.09	0.34
	10	124	-7.86	-0.06	64.25	0.06	-105.25	0.05
		125	7.86	0.06	-14.22	-0.06	62.09	-0.11
	11	124	-10.74	0.04	61.52	0.00	-109.39	-0.04
		125	10.74	-0.04	-11.49	0.00	69.24	0.08
	12	124	-4.90	0.07	67.38	0.00	-101.55	-0.07
		125	4.90	-0.07	-17.34	0.00	54.95	0.15
	13	124	-7.67	0.16	64.80	-0.06	-105.71	-0.16
		125	7.67	-0.16	-14.76	0.06	61.95	0.34
	14	124	-7.66	-0.06	64.79	0.06	-105.70	0.05
		125	7.66	0.06	-14.75	-0.06	61.95	-0.11
	15	124	-10.55	0.04	62.06	0.00	-109.84	-0.04
		125	10.55	-0.04	-12.02	0.00	69.10	0.08
	16	124	-4.71	0.07	67.91	0.00	-102.00	-0.07
		125	4.71	-0.07	-17.88	0.00	54.81	0.15
	17	124	-7.39	0.23	62.70	-0.10	-100.72	-0.22
		125	7.39	-0.23	-12.66	0.10	59.27	0.48
	18	124	-7.38	-0.13	62.68	0.10	-100.70	0.13
		125	7.38	0.13	-12.64	-0.10	59.27	-0.27
	19	124	-12.20	0.02	58.13	0.00	-107.61	-0.02
		125	12.20	-0.02	-8.10	0.00	71.18	0.05
	20	124	-2.46	0.08	67.89	0.00	-94.53	-0.08
		125	2.46	-0.08	-17.85	0.00	47.37	0.16
	21	124	-5.97	0.11	49.05	-0.04	-79.99	-0.11
		125	5.97	-0.11	-10.56	0.04	47.20	0.23
	22	124	-5.97	-0.03	49.05	0.04	-79.98	0.03

	125	5.97	0.03	-10.56	-0.04	47.20	-0.06
23	124	-7.89	0.03	47.23	0.00	-82.74	-0.03
	125	7.89	-0.03	-8.74	0.00	51.96	0.06
24	124	-4.00	0.05	51.13	0.00	-77.51	-0.05
	125	4.00	-0.05	-12.64	0.00	42.44	0.11
25	124	-5.84	0.11	49.41	-0.04	-80.29	-0.11
	125	5.84	-0.11	-10.92	0.04	47.11	0.23
26	124	-5.84	-0.03	49.40	0.04	-80.28	0.03
	125	5.84	0.03	-10.91	-0.04	47.11	-0.07
27	124	-7.76	0.03	47.59	0.00	-83.05	-0.03
	125	7.76	-0.03	-9.10	0.00	51.87	0.06
28	124	-3.87	0.05	51.49	0.00	-77.81	-0.05
	125	3.87	-0.05	-13.00	0.00	42.35	0.11
29	124	-5.66	0.16	48.01	-0.07	-76.96	-0.15
	125	5.66	-0.16	-9.52	0.07	45.32	0.33
30	124	-5.65	-0.08	48.00	0.07	-76.95	0.08
	125	5.65	0.08	-9.51	-0.07	45.32	-0.17
31	124	-8.86	0.02	44.97	0.00	-81.55	-0.02
	125	8.86	-0.02	-6.48	0.00	53.26	0.04
32	124	-2.37	0.06	51.47	0.00	-72.84	-0.06
	125	2.37	-0.06	-12.98	0.00	37.39	0.12
33	124	-5.48	0.03	46.59	0.00	-73.62	-0.04
	125	5.48	-0.03	-8.10	0.00	43.54	0.07
34	124	-5.55	0.04	47.15	0.00	-74.95	-0.04
	125	5.55	-0.04	-8.66	0.00	44.25	0.08
35	124	-5.48	0.06	46.59	-0.01	-73.62	-0.06
	125	5.48	-0.06	-8.10	0.01	43.54	0.12
36	124	-5.48	0.01	46.59	0.01	-73.62	-0.01
	125	5.48	-0.01	-8.10	-0.01	43.54	0.02
37	124	-6.12	0.03	45.98	0.00	-74.54	-0.03
	125	6.12	-0.03	-7.49	0.00	45.13	0.07
38	124	-4.82	0.04	47.28	0.00	-72.80	-0.04
	125	4.82	-0.04	-8.80	0.00	41.95	0.08
39	124	-5.48	0.03	46.59	0.00	-73.62	-0.04
	125	5.48	-0.03	-8.10	0.00	43.54	0.07
40	124	-0.08	2.97	0.14	-2.75	-0.16	-2.88
	125	0.08	-2.97	-0.14	2.75	0.00	6.15
41	124	-0.04	2.35	0.12	-2.01	-0.16	-2.17
	125	0.04	-2.35	-0.12	2.01	0.02	4.76
42	124	-18.75	-0.23	-18.42	-0.42	-32.93	0.21
	125	18.75	0.23	18.42	0.42	53.19	-0.46
43	124	-18.77	-0.06	-18.41	0.42	-32.93	0.10
	125	18.77	0.06	18.41	-0.42	53.18	-0.17
44	124	-11.19	2.93	41.20	-2.87	-83.66	-2.86
	125	11.19	-2.93	-2.71	2.87	59.50	6.08
45	124	0.07	3.07	52.26	-2.62	-63.90	-2.98
	125	-0.07	-3.07	-13.77	2.62	27.59	6.36
46	124	-11.19	2.98	41.21	-2.62	-83.66	-2.89
	125	11.19	-2.98	-2.72	2.62	59.50	6.17
47	124	0.07	3.02	52.25	-2.87	-63.90	-2.95

	125	-0.07	-3.02	-13.76	2.87	27.59	6.27
48	124	-11.02	-3.00	40.92	2.62	-83.34	2.91
	125	11.02	3.00	-2.43	-2.62	59.49	-6.21
49	124	0.23	-2.86	51.98	2.87	-63.58	2.79
	125	-0.23	2.86	-13.49	-2.87	27.58	-5.93
50	124	-11.03	-2.95	40.93	2.87	-83.34	2.88
	125	11.03	2.95	-2.44	-2.87	59.49	-6.13
51	124	0.24	-2.91	51.97	2.62	-63.58	2.82
	125	-0.24	2.91	-13.48	-2.62	27.58	-6.02
52	124	-11.15	2.32	41.19	-2.13	-83.66	-2.14
	125	11.15	-2.32	-2.70	2.13	59.52	4.69
53	124	0.11	2.45	52.24	-1.88	-63.90	-2.27
	125	-0.11	-2.45	-13.75	1.88	27.61	4.97
54	124	-11.15	2.37	41.19	-1.88	-83.66	-2.18
	125	11.15	-2.37	-2.70	1.88	59.52	4.78
55	124	0.11	2.41	52.24	-2.13	-63.90	-2.24
	125	-0.11	-2.41	-13.75	2.13	27.61	4.88
56	124	-11.06	-2.38	40.94	1.88	-83.34	2.20
	125	11.06	2.38	-2.45	-1.88	59.47	-4.82
57	124	0.19	-2.25	51.99	2.14	-63.58	2.07
	125	-0.19	2.25	-13.50	-2.14	27.56	-4.55
58	124	-11.07	-2.34	40.94	2.13	-83.34	2.17
	125	11.07	2.34	-2.45	-2.13	59.47	-4.74
59	124	0.20	-2.30	51.99	1.88	-63.58	2.11
	125	-0.20	2.30	-13.50	-1.88	27.56	-4.63
60	124	-24.26	0.70	28.21	-1.25	-106.60	-0.69
	125	24.26	-0.70	10.28	1.25	96.74	1.46
61	124	-24.21	-1.08	28.12	0.40	-106.50	1.04
	125	24.21	1.08	10.36	-0.40	96.73	-2.23
62	124	-24.24	0.51	28.20	-1.03	-106.60	-0.48
	125	24.24	-0.51	10.29	1.03	96.74	1.04
63	124	-24.22	-0.90	28.13	0.18	-106.50	0.83
	125	24.22	0.90	10.36	-0.18	96.73	-1.81
64	124	13.25	1.15	65.05	-0.40	-40.74	-1.11
	125	-13.25	-1.15	-26.56	0.40	-9.65	2.38
65	124	13.30	-0.63	64.97	1.25	-40.64	0.62
	125	-13.30	0.63	-26.48	-1.25	-9.66	-1.31
66	124	13.26	0.97	65.05	-0.18	-40.74	-0.90
	125	-13.26	-0.97	-26.56	0.18	-9.65	1.96
67	124	13.29	-0.44	64.97	1.03	-40.64	0.41
	125	-13.29	0.44	-26.49	-1.03	-9.66	-0.89
68	124	-24.27	0.86	28.22	-0.40	-106.59	-0.80
	125	24.27	-0.86	10.27	0.40	96.72	1.74
69	124	-24.23	-0.92	28.13	1.24	-106.50	0.93
	125	24.23	0.92	10.36	-1.24	96.72	-1.94
70	124	-24.26	0.68	28.21	-0.18	-106.60	-0.58
	125	24.26	-0.68	10.28	0.18	96.73	1.33
71	124	-24.24	-0.73	28.14	1.02	-106.50	0.72
	125	24.24	0.73	10.35	-1.02	96.72	-1.53
72	124	13.27	0.99	65.04	-1.24	-40.74	-1.00

		125	-13.27	-0.99	-26.56	1.24	-9.64	2.09
73		124	13.32	-0.79	64.96	0.40	-40.64	0.73
		125	-13.32	0.79	-26.47	-0.40	-9.64	-1.60
74		124	13.28	0.80	65.04	-1.02	-40.74	-0.79
		125	-13.28	-0.80	-26.55	1.02	-9.63	1.68
75		124	13.31	-0.61	64.97	0.18	-40.64	0.51
		125	-13.31	0.61	-26.48	-0.18	-9.65	-1.18
160	1	125	-3.40	0.01	47.44	0.00	-29.76	-0.03
		13	3.40	-0.01	-37.99	0.00	0.92	0.04
	2	125	-2.07	0.02	24.79	0.00	-13.78	-0.04
		13	2.07	-0.02	-10.62	0.00	1.83	0.06
	3	125	-0.31	0.00	2.43	0.00	-1.88	-0.01
		13	0.31	0.00	-2.43	0.00	0.24	0.01
	4	125	-0.37	0.01	5.46	0.00	-3.57	-0.01
		13	0.37	-0.01	-5.46	0.00	-0.11	0.01
	5	125	0.00	0.12	0.00	-0.07	0.00	-0.25
		13	0.00	-0.12	0.00	0.07	-0.01	0.33
	6	125	0.01	-0.12	-0.01	0.07	0.01	0.25
		13	-0.01	0.12	0.01	-0.07	0.00	-0.33
	7	125	-3.20	-0.02	-2.69	0.00	-7.93	0.04
		13	3.20	0.02	2.69	0.00	9.75	-0.05
	8	125	3.29	0.02	3.17	0.00	7.94	-0.04
		13	-3.29	-0.02	-3.17	0.00	-10.08	0.05
	9	125	-7.86	0.16	101.64	-0.06	-62.09	-0.34
		13	7.86	-0.16	-70.93	0.06	3.85	0.45
	10	125	-7.86	-0.06	101.62	0.06	-62.09	0.11
		13	7.86	0.06	-70.92	-0.06	3.86	-0.15
	11	125	-10.74	0.04	99.21	0.00	-69.24	-0.08
		13	10.74	-0.04	-68.50	0.00	12.63	0.10
	12	125	-4.90	0.07	104.49	0.00	-54.95	-0.15
		13	4.90	-0.07	-73.78	0.00	-5.22	0.20
	13	125	-7.67	0.16	102.08	-0.06	-61.95	-0.34
		13	7.67	-0.16	-71.38	0.06	3.41	0.45
	14	125	-7.66	-0.06	102.07	0.06	-61.95	0.11
		13	7.66	0.06	-71.37	-0.06	3.42	-0.15
	15	125	-10.55	0.04	99.66	0.00	-69.10	-0.08
		13	10.55	-0.04	-68.95	0.00	12.19	0.10
	16	125	-4.71	0.07	104.93	0.00	-54.81	-0.15
		13	4.71	-0.07	-74.23	0.00	-5.66	0.20
	17	125	-7.39	0.23	97.99	-0.10	-59.27	-0.48
		13	7.39	-0.23	-67.29	0.10	3.49	0.63
	18	125	-7.38	-0.13	97.97	0.10	-59.27	0.27
		13	7.38	0.13	-67.27	-0.10	3.51	-0.36
	19	125	-12.20	0.02	93.95	0.00	-71.18	-0.05
		13	12.20	-0.02	-63.24	0.00	18.13	0.06
	20	125	-2.46	0.08	102.74	0.00	-47.37	-0.16
		13	2.46	-0.08	-72.04	0.00	-11.62	0.22
	21	125	-5.97	0.11	77.39	-0.04	-47.20	-0.23
		13	5.97	-0.11	-53.77	0.04	2.93	0.31

22	125	-5.97	-0.03	77.38	0.04	-47.20	0.06
	13	5.97	0.03	-53.76	-0.04	2.94	-0.09
23	125	-7.89	0.03	75.77	0.00	-51.96	-0.06
	13	7.89	-0.03	-52.15	0.00	8.79	0.08
24	125	-4.00	0.05	79.29	0.00	-42.44	-0.11
	13	4.00	-0.05	-55.67	0.00	-3.11	0.14
25	125	-5.84	0.11	77.69	-0.04	-47.11	-0.23
	13	5.84	-0.11	-54.07	0.04	2.64	0.31
26	125	-5.84	-0.03	77.68	0.04	-47.11	0.07
	13	5.84	0.03	-54.06	-0.04	2.65	-0.09
27	125	-7.76	0.03	76.07	0.00	-51.87	-0.06
	13	7.76	-0.03	-52.45	0.00	8.50	0.08
28	125	-3.87	0.05	79.59	0.00	-42.35	-0.11
	13	3.87	-0.05	-55.97	0.00	-3.40	0.14
29	125	-5.66	0.16	74.96	-0.07	-45.32	-0.33
	13	5.66	-0.16	-51.34	0.07	2.69	0.44
30	125	-5.65	-0.08	74.94	0.07	-45.32	0.17
	13	5.65	0.08	-51.33	-0.07	2.70	-0.23
31	125	-8.86	0.02	72.26	0.00	-53.26	-0.04
	13	8.86	-0.02	-48.64	0.00	12.45	0.05
32	125	-2.37	0.06	78.13	0.00	-37.39	-0.12
	13	2.37	-0.06	-54.51	0.00	-7.38	0.16
33	125	-5.48	0.03	72.23	0.00	-43.54	-0.07
	13	5.48	-0.03	-48.61	0.00	2.76	0.10
34	125	-5.55	0.04	73.32	0.00	-44.25	-0.08
	13	5.55	-0.04	-49.70	0.00	2.73	0.10
35	125	-5.48	0.06	72.23	-0.01	-43.54	-0.12
	13	5.48	-0.06	-48.61	0.01	2.76	0.16
36	125	-5.48	0.01	72.23	0.01	-43.54	-0.02
	13	5.48	-0.01	-48.61	-0.01	2.76	0.03
37	125	-6.12	0.03	71.69	0.00	-45.13	-0.07
	13	6.12	-0.03	-48.07	0.00	4.71	0.09
38	125	-4.82	0.04	72.86	0.00	-41.95	-0.08
	13	4.82	-0.04	-49.24	0.00	0.74	0.11
39	125	-5.48	0.03	72.23	0.00	-43.54	-0.07
	13	5.48	-0.03	-48.61	0.00	2.76	0.10
40	125	-0.08	2.97	0.19	-2.75	0.00	-6.15
	13	0.08	-2.97	-0.19	2.75	-0.12	8.15
41	125	-0.04	2.35	0.17	-2.01	-0.02	-4.76
	13	0.04	-2.35	-0.17	2.01	-0.09	6.35
42	125	-18.75	-0.23	-13.92	-0.42	-53.19	0.46
	13	18.75	0.23	13.92	0.42	62.59	-0.61
43	125	-18.77	-0.06	-13.91	0.42	-53.18	0.17
	13	18.77	0.06	13.91	-0.42	62.57	-0.22
44	125	-11.19	2.93	68.24	-2.87	-59.50	-6.08
	13	11.19	-2.93	-44.62	2.87	21.41	8.06
45	125	0.07	3.07	76.60	-2.62	-27.59	-6.36
	13	-0.07	-3.07	-52.98	2.62	-16.15	8.43
46	125	-11.19	2.98	68.25	-2.62	-59.50	-6.17
	13	11.19	-2.98	-44.63	2.62	21.40	8.18

47	125	0.07	3.02	76.59	-2.87	-27.59	-6.27
	13	-0.07	-3.02	-52.97	2.87	-16.14	8.31
48	125	-11.02	-3.00	67.86	2.62	-59.49	6.21
	13	11.02	3.00	-44.24	-2.62	21.66	-8.24
49	125	0.23	-2.86	76.22	2.87	-27.58	5.93
	13	-0.23	2.86	-52.60	-2.87	-15.90	-7.87
50	125	-11.03	-2.95	67.87	2.87	-59.49	6.13
	13	11.03	2.95	-44.25	-2.87	21.65	-8.12
51	125	0.24	-2.91	76.21	2.62	-27.58	6.02
	13	-0.24	2.91	-52.59	-2.62	-15.89	-7.99
52	125	-11.15	2.32	68.22	-2.13	-59.52	-4.69
	13	11.15	-2.32	-44.60	2.13	21.45	6.26
53	125	0.11	2.45	76.57	-1.88	-27.61	-4.97
	13	-0.11	-2.45	-52.95	1.88	-16.11	6.63
54	125	-11.15	2.37	68.22	-1.88	-59.52	-4.78
	13	11.15	-2.37	-44.60	1.88	21.44	6.38
55	125	0.11	2.41	76.57	-2.13	-27.61	-4.88
	13	-0.11	-2.41	-52.95	2.13	-16.10	6.51
56	125	-11.06	-2.38	67.89	1.88	-59.47	4.82
	13	11.06	2.38	-44.27	-1.88	21.62	-6.43
57	125	0.19	-2.25	76.24	2.14	-27.56	4.55
	13	-0.19	2.25	-52.62	-2.14	-15.93	-6.06
58	125	-11.07	-2.34	67.89	2.13	-59.47	4.74
	13	11.07	2.34	-44.27	-2.13	21.62	-6.31
59	125	0.20	-2.30	76.24	1.88	-27.56	4.63
	13	-0.20	2.30	-52.62	-1.88	-15.93	-6.18
60	125	-24.26	0.70	58.36	-1.25	-96.74	-1.46
	13	24.26	-0.70	-34.74	1.25	65.31	1.93
61	125	-24.21	-1.08	58.25	0.40	-96.73	2.23
	13	24.21	1.08	-34.63	-0.40	65.39	-2.96
62	125	-24.24	0.51	58.36	-1.03	-96.74	-1.04
	13	24.24	-0.51	-34.74	1.03	65.32	1.39
63	125	-24.22	-0.90	58.26	0.18	-96.73	1.81
	13	24.22	0.90	-34.64	-0.18	65.38	-2.42
64	125	13.25	1.15	86.21	-0.40	9.65	-2.38
	13	-13.25	-1.15	-62.59	0.40	-59.87	3.16
65	125	13.30	-0.63	86.10	1.25	9.66	1.31
	13	-13.30	0.63	-62.48	-1.25	-59.80	-1.73
66	125	13.26	0.97	86.20	-0.18	9.65	-1.96
	13	-13.26	-0.97	-62.58	0.18	-59.86	2.62
67	125	13.29	-0.44	86.10	1.03	9.66	0.89
	13	-13.29	0.44	-62.48	-1.03	-59.81	-1.19
68	125	-24.27	0.86	58.38	-0.40	-96.72	-1.74
	13	24.27	-0.86	-34.76	0.40	65.29	2.32
69	125	-24.23	-0.92	58.26	1.24	-96.72	1.94
	13	24.23	0.92	-34.64	-1.24	65.37	-2.56
70	125	-24.26	0.68	58.37	-0.18	-96.73	-1.33
	13	24.26	-0.68	-34.75	0.18	65.30	1.78
71	125	-24.24	-0.73	58.27	1.02	-96.72	1.53
	13	24.24	0.73	-34.65	-1.02	65.35	-2.02

	72	125	13.27	0.99	86.20	-1.24	9.64	-2.09
		13	-13.27	-0.99	-62.58	1.24	-59.85	2.76
	73	125	13.32	-0.79	86.08	0.40	9.64	1.60
		13	-13.32	0.79	-62.46	-0.40	-59.78	-2.13
	74	125	13.28	0.80	86.19	-1.02	9.63	-1.68
		13	-13.28	-0.80	-62.57	1.02	-59.84	2.22
	75	125	13.31	-0.61	86.09	0.18	9.65	1.18
		13	-13.31	0.61	-62.47	-0.18	-59.79	-1.59
161	1	4	-3.51	-0.03	-34.58	0.75	-8.29	-0.08
		126	3.51	0.03	44.03	-0.75	34.82	0.06
	2	4	-2.06	-0.05	-8.89	0.34	-4.12	-0.13
		126	2.06	0.05	23.06	-0.34	14.91	0.10
	3	4	-0.35	-0.01	-1.97	0.09	-1.11	-0.02
		126	0.35	0.01	1.97	-0.09	2.44	0.01
	4	4	-0.45	-0.01	-4.69	0.10	-1.37	-0.03
		126	0.45	0.01	4.69	-0.10	4.53	0.02
	5	4	0.01	-0.15	-0.35	0.16	-0.05	-0.43
		126	-0.01	0.15	0.35	-0.16	0.28	0.33
	6	4	0.00	0.15	0.27	-0.19	0.25	0.44
		126	0.00	-0.15	-0.27	0.19	-0.43	-0.33
	7	4	-8.34	-0.04	-2.16	-0.60	8.62	-0.11
		126	8.34	0.04	2.16	0.60	-7.16	0.09
	8	4	8.41	0.03	1.74	0.56	-8.27	0.11
		126	-8.41	-0.03	-1.74	-0.56	7.09	-0.08
	9	4	-8.10	-0.26	-63.29	1.77	-18.88	-0.72
		126	8.10	0.26	94.00	-1.77	71.96	0.54
	10	4	-8.11	0.02	-62.74	1.47	-18.61	0.07
		126	8.11	-0.02	93.44	-1.47	71.32	-0.05
	11	4	-15.61	-0.15	-64.92	1.09	-11.08	-0.43
		126	15.61	0.15	95.63	-1.09	65.26	0.32
	12	4	-0.53	-0.09	-61.42	2.14	-26.27	-0.23
		126	0.53	0.09	92.12	-2.14	78.09	0.17
	13	4	-7.92	-0.25	-63.85	1.71	-18.24	-0.71
		126	7.92	0.25	94.56	-1.71	71.70	0.54
	14	4	-7.93	0.02	-63.30	1.40	-17.97	0.08
		126	7.93	-0.02	94.00	-1.40	71.06	-0.06
	15	4	-15.43	-0.15	-65.48	1.03	-10.44	-0.42
		126	15.43	0.15	96.19	-1.03	65.00	0.32
	16	4	-0.35	-0.08	-61.98	2.07	-25.63	-0.22
		126	0.35	0.08	92.68	-2.07	77.83	0.17
	17	4	-7.58	-0.34	-60.54	1.73	-17.24	-0.95
		126	7.58	0.34	91.25	-1.73	68.47	0.72
	18	4	-7.59	0.12	-59.62	1.21	-16.79	0.36
		126	7.59	-0.12	90.32	-1.21	67.40	-0.27
	19	4	-20.09	-0.16	-63.26	0.59	-4.24	-0.46
		126	20.09	0.16	93.97	-0.59	57.30	0.35
	20	4	5.03	-0.05	-57.42	2.33	-29.57	-0.14
		126	-5.03	0.05	88.12	-2.33	78.69	0.10
	21	4	-6.14	-0.18	-47.99	1.33	-14.24	-0.51

	126	6.14	0.18	71.61	-1.33	54.61	0.38
22	4	-6.15	0.00	-47.62	1.12	-14.06	0.02
	126	6.15	0.00	71.24	-1.12	54.18	-0.01
23	4	-11.15	-0.11	-49.08	0.88	-9.04	-0.31
	126	11.15	0.11	72.70	-0.88	50.14	0.24
24	4	-1.10	-0.07	-46.74	1.57	-19.17	-0.18
	126	1.10	0.07	70.36	-1.57	58.69	0.14
25	4	-6.02	-0.18	-48.36	1.28	-13.81	-0.50
	126	6.02	0.18	71.98	-1.28	54.43	0.38
26	4	-6.03	0.01	-47.99	1.08	-13.64	0.02
	126	6.03	-0.01	71.61	-1.08	54.00	-0.02
27	4	-11.03	-0.11	-49.45	0.83	-8.61	-0.31
	126	11.03	0.11	73.07	-0.83	49.96	0.23
28	4	-0.98	-0.07	-47.11	1.52	-18.74	-0.18
	126	0.98	0.07	70.73	-1.52	58.52	0.13
29	4	-5.80	-0.24	-46.16	1.30	-13.15	-0.66
	126	5.80	0.24	69.78	-1.30	52.28	0.50
30	4	-5.80	0.07	-45.54	0.96	-12.85	0.21
	126	5.80	-0.07	69.16	-0.96	51.56	-0.16
31	4	-14.14	-0.12	-47.97	0.54	-4.48	-0.34
	126	14.14	0.12	71.59	-0.54	44.83	0.26
32	4	2.61	-0.05	-44.07	1.70	-21.37	-0.12
	126	-2.61	0.05	67.69	-1.70	59.09	0.09
33	4	-5.58	-0.08	-43.47	1.09	-12.42	-0.21
	126	5.58	0.08	67.09	-1.09	49.73	0.16
34	4	-5.67	-0.08	-44.41	1.11	-12.69	-0.22
	126	5.67	0.08	68.02	-1.11	50.64	0.16
35	4	-5.57	-0.11	-43.54	1.12	-12.43	-0.30
	126	5.57	0.11	67.16	-1.12	49.79	0.23
36	4	-5.58	-0.05	-43.41	1.05	-12.37	-0.12
	126	5.58	0.05	67.03	-1.05	49.64	0.09
37	4	-7.24	-0.08	-43.90	0.97	-10.69	-0.23
	126	7.24	0.08	67.52	-0.97	48.30	0.18
38	4	-3.89	-0.07	-43.12	1.20	-14.07	-0.19
	126	3.89	0.07	66.74	-1.20	51.15	0.14
39	4	-5.58	-0.08	-43.47	1.09	-12.42	-0.21
	126	5.58	0.08	67.09	-1.09	49.73	0.16
40	4	-1.78	-3.06	-8.68	2.56	3.39	-8.60
	126	1.78	3.06	8.68	-2.56	2.47	6.53
41	4	1.86	-3.78	-8.74	2.83	2.78	-10.73
	126	-1.86	3.78	8.74	-2.83	3.12	8.18
42	4	-76.43	-0.22	-13.26	-4.68	74.70	-0.90
	126	76.43	0.22	13.26	4.68	-65.74	0.75
43	4	-65.03	0.10	-11.19	-3.68	63.71	0.11
	126	65.03	-0.10	11.19	3.68	-56.16	-0.05
44	4	-30.29	-3.20	-56.12	2.24	13.38	-9.08
	126	30.29	3.20	79.74	-2.24	32.48	6.92
45	4	15.57	-3.07	-48.17	5.05	-31.44	-8.54
	126	-15.57	3.07	71.78	-5.05	71.92	6.47
46	4	-26.87	-3.10	-55.50	2.55	10.08	-8.77

	126	26.87	3.10	79.12	-2.55	35.35	6.68
47	4	12.15	-3.16	-48.79	4.75	-28.14	-8.84
	126	-12.15	3.16	72.41	-4.75	69.05	6.71
48	4	-26.72	2.91	-38.77	-2.87	6.61	8.11
	126	26.72	-2.91	62.39	2.87	27.54	-6.15
49	4	19.14	3.05	-30.81	-0.06	-38.21	8.65
	126	-19.14	-3.05	54.43	0.06	66.98	-6.60
50	4	-23.30	3.01	-38.15	-2.57	3.31	8.42
	126	23.30	-3.01	61.77	2.57	30.41	-6.39
51	4	15.72	2.95	-31.44	-0.36	-34.92	8.35
	126	-15.72	-2.95	55.05	0.36	64.11	-6.36
52	4	-26.64	-3.92	-56.18	2.52	12.77	-11.21
	126	26.64	3.92	79.80	-2.52	33.13	8.56
53	4	19.21	-3.79	-48.23	5.33	-32.05	-10.67
	126	-19.21	3.79	71.85	-5.33	72.57	8.11
54	4	-23.22	-3.82	-55.56	2.82	9.47	-10.90
	126	23.22	3.82	79.18	-2.82	36.00	8.32
55	4	15.80	-3.88	-48.85	5.02	-28.75	-10.97
	126	-15.80	3.88	72.47	-5.02	69.70	8.35
56	4	-30.37	3.63	-38.71	-3.14	7.22	10.24
	126	30.37	-3.63	62.33	3.14	26.89	-7.79
57	4	15.49	3.77	-30.75	-0.33	-37.60	10.78
	126	-15.49	-3.77	54.37	0.33	66.33	-8.24
58	4	-26.95	3.73	-38.09	-2.84	3.92	10.55
	126	26.95	-3.73	61.71	2.84	29.76	-8.03
59	4	12.07	3.67	-31.38	-0.63	-34.31	10.48
	126	-12.07	-3.67	54.99	0.63	63.46	-8.00
60	4	-82.54	-1.22	-59.33	-2.82	63.30	-3.69
	126	82.54	1.22	82.95	2.82	-15.27	2.87
61	4	-81.47	0.62	-54.13	-4.36	61.26	1.47
	126	81.47	-0.62	77.75	4.36	-16.76	-1.05
62	4	-81.45	-1.43	-59.35	-2.74	63.11	-4.33
	126	81.45	1.43	82.97	2.74	-15.08	3.36
63	4	-82.56	0.83	-54.11	-4.44	61.45	2.11
	126	82.56	-0.83	77.73	4.44	-16.95	-1.55
64	4	70.32	-0.77	-32.81	6.54	-86.10	-1.89
	126	-70.32	0.77	56.43	-6.54	116.21	1.37
65	4	71.39	1.07	-27.61	5.01	-88.13	3.27
	126	-71.39	-1.07	51.22	-5.01	114.73	-2.55
66	4	71.41	-0.98	-32.83	6.62	-86.28	-2.53
	126	-71.41	0.98	56.45	-6.62	116.41	1.87
67	4	70.30	1.28	-27.59	4.93	-87.95	3.90
	126	-70.30	-1.28	51.21	-4.93	114.54	-3.04
68	4	-71.14	-0.90	-57.26	-1.82	52.31	-2.68
	126	71.14	0.90	80.88	1.82	-5.69	2.07
69	4	-70.07	0.94	-52.06	-3.35	50.28	2.48
	126	70.07	-0.94	75.67	3.35	-7.17	-1.85
70	4	-70.05	-1.11	-57.28	-1.74	52.13	-3.32
	126	70.05	1.11	80.90	1.74	-5.49	2.56
71	4	-71.17	1.15	-52.04	-3.43	50.46	3.12

		126	71.17	-1.15	75.66	3.43	-7.37	-2.34
72		4	58.92	-1.09	-34.88	5.54	-75.11	-2.90
		126	-58.92	1.09	58.50	-5.54	106.63	2.17
73		4	59.99	0.74	-29.68	4.00	-77.15	2.25
		126	-59.99	-0.74	53.29	-4.00	105.15	-1.75
74		4	60.02	-1.30	-34.90	5.62	-75.30	-3.54
		126	-60.02	1.30	58.52	-5.62	106.83	2.66
75		4	58.90	0.96	-29.66	3.92	-76.96	2.89
		126	-58.90	-0.96	53.28	-3.92	104.95	-2.24
162	1	126	-3.51	-0.03	-9.86	0.75	-34.82	-0.06
		127	3.51	0.03	25.26	-0.75	54.13	0.03
2		126	-2.06	-0.05	6.80	0.34	-14.91	-0.10
		127	2.06	0.05	16.29	-0.34	20.13	0.05
3		126	-0.35	-0.01	-0.62	0.09	-2.44	-0.01
		127	0.35	0.01	0.62	-0.09	3.12	0.01
4		126	-0.45	-0.01	-2.04	0.10	-4.53	-0.02
		127	0.45	0.01	2.04	-0.10	6.78	0.01
5		126	0.01	-0.15	-0.24	0.16	-0.28	-0.33
		127	-0.01	0.15	0.24	-0.16	0.55	0.16
6		126	0.00	0.15	0.15	-0.19	0.43	0.33
		127	0.00	-0.15	-0.15	0.19	-0.60	-0.16
7		126	-8.34	-0.04	-2.66	-0.60	7.16	-0.09
		127	8.34	0.04	2.66	0.60	-4.23	0.05
8		126	8.41	0.03	2.27	0.56	-7.09	0.08
		127	-8.41	-0.03	-2.27	-0.56	4.60	-0.04
9		126	-8.10	-0.26	-6.66	1.77	-71.96	-0.54
		127	8.10	0.26	56.69	-1.77	106.80	0.26
10		126	-8.11	0.02	-6.30	1.47	-71.32	0.05
		127	8.11	-0.02	56.34	-1.47	105.77	-0.03
11		126	-15.61	-0.15	-8.83	1.09	-65.26	-0.32
		127	15.61	0.15	58.87	-1.09	102.50	0.16
12		126	-0.53	-0.09	-4.40	2.14	-78.09	-0.17
		127	0.53	0.09	54.43	-2.14	110.45	0.08
13		126	-7.92	-0.25	-7.26	1.71	-71.70	-0.54
		127	7.92	0.25	57.30	-1.71	107.21	0.26
14		126	-7.93	0.02	-6.91	1.40	-71.06	0.06
		127	7.93	-0.02	56.94	-1.40	106.17	-0.03
15		126	-15.43	-0.15	-9.44	1.03	-65.00	-0.32
		127	15.43	0.15	59.48	-1.03	102.90	0.16
16		126	-0.35	-0.08	-5.00	2.07	-77.83	-0.17
		127	0.35	0.08	55.04	-2.07	110.85	0.08
17		126	-7.58	-0.34	-5.88	1.73	-68.47	-0.72
		127	7.58	0.34	55.91	-1.73	102.45	0.35
18		126	-7.59	0.12	-5.28	1.21	-67.40	0.27
		127	7.59	-0.12	55.32	-1.21	100.73	-0.14
19		126	-20.09	-0.16	-9.50	0.59	-57.30	-0.35
		127	20.09	0.16	59.54	-0.59	95.28	0.17
20		126	5.03	-0.05	-2.11	2.33	-78.69	-0.10
		127	-5.03	0.05	52.14	-2.33	108.52	0.04

21	126	-6.14	-0.18	-4.85	1.33	-54.61	-0.38
	127	6.14	0.18	43.33	-1.33	81.10	0.19
22	126	-6.15	0.00	-4.61	1.12	-54.18	0.01
	127	6.15	0.00	43.10	-1.12	80.42	-0.01
23	126	-11.15	-0.11	-6.30	0.88	-50.14	-0.24
	127	11.15	0.11	44.79	-0.88	78.24	0.12
24	126	-1.10	-0.07	-3.34	1.57	-58.69	-0.14
	127	1.10	0.07	41.83	-1.57	83.53	0.06
25	126	-6.02	-0.18	-5.25	1.28	-54.43	-0.38
	127	6.02	0.18	43.74	-1.28	81.37	0.18
26	126	-6.03	0.01	-5.01	1.08	-54.00	0.02
	127	6.03	-0.01	43.50	-1.08	80.68	-0.01
27	126	-11.03	-0.11	-6.70	0.83	-49.96	-0.23
	127	11.03	0.11	45.19	-0.83	78.50	0.11
28	126	-0.98	-0.07	-3.74	1.52	-58.52	-0.13
	127	0.98	0.07	42.23	-1.52	83.80	0.06
29	126	-5.80	-0.24	-4.32	1.30	-52.28	-0.50
	127	5.80	0.24	42.81	-1.30	78.20	0.24
30	126	-5.80	0.07	-3.93	0.96	-51.56	0.16
	127	5.80	-0.07	42.42	-0.96	77.05	-0.08
31	126	-14.14	-0.12	-6.74	0.54	-44.83	-0.26
	127	14.14	0.12	45.23	-0.54	73.42	0.13
32	126	2.61	-0.05	-1.81	1.70	-59.09	-0.09
	127	-2.61	0.05	40.30	-1.70	82.25	0.04
33	126	-5.58	-0.08	-3.06	1.09	-49.73	-0.16
	127	5.58	0.08	41.55	-1.09	74.26	0.08
34	126	-5.67	-0.08	-3.47	1.11	-50.64	-0.16
	127	5.67	0.08	41.96	-1.11	75.62	0.08
35	126	-5.57	-0.11	-3.11	1.12	-49.79	-0.23
	127	5.57	0.11	41.60	-1.12	74.37	0.11
36	126	-5.58	-0.05	-3.03	1.05	-49.64	-0.09
	127	5.58	0.05	41.52	-1.05	74.14	0.04
37	126	-7.24	-0.08	-3.59	0.97	-48.30	-0.18
	127	7.24	0.08	42.08	-0.97	73.42	0.08
38	126	-3.89	-0.07	-2.60	1.20	-51.15	-0.14
	127	3.89	0.07	41.09	-1.20	75.18	0.07
39	126	-5.58	-0.08	-3.06	1.09	-49.73	-0.16
	127	5.58	0.08	41.55	-1.09	74.26	0.08
40	126	-1.78	-3.06	-6.80	2.56	-2.47	-6.53
	127	1.78	3.06	6.80	-2.56	9.95	3.17
41	126	1.86	-3.78	-6.63	2.83	-3.12	-8.18
	127	-1.86	3.78	6.63	-2.83	10.41	4.02
42	126	-76.43	-0.22	-19.98	-4.68	65.74	-0.75
	127	76.43	0.22	19.98	4.68	-43.77	0.50
43	126	-65.03	0.10	-17.00	-3.68	56.16	0.05
	127	65.03	-0.10	17.00	3.68	-37.46	0.06
44	126	-30.29	-3.20	-15.86	2.24	-32.48	-6.92
	127	30.29	3.20	54.34	-2.24	71.09	3.40
45	126	15.57	-3.07	-3.87	5.05	-71.92	-6.47
	127	-15.57	3.07	42.36	-5.05	97.35	3.10

46	126	-26.87	-3.10	-14.96	2.55	-35.35	-6.68
	127	26.87	3.10	53.45	-2.55	72.98	3.26
47	126	12.15	-3.16	-4.76	4.75	-69.05	-6.71
	127	-12.15	3.16	43.25	-4.75	95.45	3.23
48	126	-26.72	2.91	-2.25	-2.87	-27.54	6.15
	127	26.72	-2.91	40.74	2.87	51.18	-2.95
49	126	19.14	3.05	9.74	-0.06	-66.98	6.60
	127	-19.14	-3.05	28.75	0.06	77.44	-3.24
50	126	-23.30	3.01	-1.35	-2.57	-30.41	6.39
	127	23.30	-3.01	39.84	2.57	53.07	-3.08
51	126	15.72	2.95	8.85	-0.36	-64.11	6.36
	127	-15.72	-2.95	29.64	0.36	75.54	-3.11
52	126	-26.64	-3.92	-15.68	2.52	-33.13	-8.56
	127	26.64	3.92	54.17	-2.52	71.54	4.25
53	126	19.21	-3.79	-3.69	5.33	-72.57	-8.11
	127	-19.21	3.79	42.18	-5.33	97.80	3.95
54	126	-23.22	-3.82	-14.79	2.82	-36.00	-8.32
	127	23.22	3.82	53.27	-2.82	73.43	4.11
55	126	15.80	-3.88	-4.58	5.02	-69.70	-8.35
	127	-15.80	3.88	43.07	-5.02	95.91	4.08
56	126	-30.37	3.63	-2.42	-3.14	-26.89	7.79
	127	30.37	-3.63	40.91	3.14	50.72	-3.80
57	126	15.49	3.77	9.56	-0.33	-66.33	8.24
	127	-15.49	-3.77	28.93	0.33	76.98	-4.10
58	126	-26.95	3.73	-1.53	-2.84	-29.76	8.03
	127	26.95	-3.73	40.02	2.84	52.62	-3.93
59	126	12.07	3.67	8.67	-0.63	-63.46	8.00
	127	-12.07	-3.67	29.82	0.63	75.09	-3.96
60	126	-82.54	-1.22	-25.08	-2.82	15.27	-2.87
	127	82.54	1.22	63.57	2.82	33.48	1.53
61	126	-81.47	0.62	-20.99	-4.36	16.76	1.05
	127	81.47	-0.62	59.48	4.36	27.51	-0.38
62	126	-81.45	-1.43	-25.02	-2.74	15.08	-3.36
	127	81.45	1.43	63.51	2.74	33.61	1.78
63	126	-82.56	0.83	-21.05	-4.44	16.95	1.55
	127	82.56	-0.83	59.54	4.44	27.37	-0.63
64	126	70.32	-0.77	14.88	6.54	-116.21	-1.37
	127	-70.32	0.77	23.61	-6.54	121.02	0.53
65	126	71.39	1.07	18.96	5.01	-114.73	2.55
	127	-71.39	-1.07	19.53	-5.01	115.05	-1.38
66	126	71.41	-0.98	14.93	6.62	-116.41	-1.87
	127	-71.41	0.98	23.56	-6.62	121.15	0.78
67	126	70.30	1.28	18.91	4.93	-114.54	3.04
	127	-70.30	-1.28	19.58	-4.93	114.91	-1.63
68	126	-71.14	-0.90	-22.10	-1.82	5.69	-2.07
	127	71.14	0.90	60.59	1.82	39.79	1.08
69	126	-70.07	0.94	-18.02	-3.35	7.17	1.85
	127	70.07	-0.94	56.51	3.35	33.82	-0.82
70	126	-70.05	-1.11	-22.05	-1.74	5.49	-2.56
	127	70.05	1.11	60.54	1.74	39.93	1.34

	71	126	-71.17	1.15	-18.07	-3.43	7.37	2.34
		127	71.17	-1.15	56.56	3.43	33.68	-1.08
	72	126	58.92	-1.09	11.90	5.54	-106.63	-2.17
		127	-58.92	1.09	26.58	-5.54	114.70	0.97
	73	126	59.99	0.74	15.99	4.00	-105.15	1.75
		127	-59.99	-0.74	22.50	-4.00	108.73	-0.93
	74	126	60.02	-1.30	11.96	5.62	-106.83	-2.66
		127	-60.02	1.30	26.53	-5.62	114.84	1.23
	75	126	58.90	0.96	15.93	3.92	-104.95	2.24
		127	-58.90	-0.96	22.56	-3.92	108.60	-1.19
163	1	127	-3.51	-0.03	8.40	0.75	-54.13	-0.03
		128	3.51	0.03	7.00	-0.75	53.36	-0.01
	2	127	-2.06	-0.05	13.46	0.34	-20.13	-0.05
		128	2.06	0.05	9.63	-0.34	18.03	0.00
	3	127	-0.35	-0.01	0.73	0.09	-3.12	-0.01
		128	0.35	0.01	-0.73	-0.09	2.32	0.00
	4	127	-0.45	-0.01	0.55	0.10	-6.78	-0.01
		128	0.45	0.01	-0.55	-0.10	6.17	0.00
	5	127	0.01	-0.15	-0.16	0.16	-0.55	-0.16
		128	-0.01	0.15	0.16	-0.16	0.72	-0.01
	6	127	0.00	0.15	0.04	-0.19	0.60	0.16
		128	0.00	-0.15	-0.04	0.19	-0.64	0.01
	7	127	-8.34	-0.04	-3.05	-0.60	4.23	-0.05
		128	8.34	0.04	3.05	0.60	-0.87	0.01
	8	127	8.41	0.03	2.66	0.56	-4.60	0.04
		128	-8.41	-0.03	-2.66	-0.56	1.67	-0.01
	9	127	-8.10	-0.26	29.79	1.77	-106.80	-0.26
		128	8.10	0.26	20.25	-1.77	101.56	-0.02
	10	127	-8.11	0.02	29.96	1.47	-105.77	0.03
		128	8.11	-0.02	20.07	-1.47	100.33	0.00
	11	127	-15.61	-0.15	27.18	1.09	-102.50	-0.16
		128	15.61	0.15	22.86	-1.09	100.12	-0.01
	12	127	-0.53	-0.09	32.32	2.14	-110.45	-0.08
		128	0.53	0.09	17.71	-2.14	102.41	-0.02
	13	127	-7.92	-0.25	29.10	1.71	-107.21	-0.26
		128	7.92	0.25	20.93	-1.71	102.72	-0.02
	14	127	-7.93	0.02	29.28	1.40	-106.17	0.03
		128	7.93	-0.02	20.76	-1.40	101.49	0.00
	15	127	-15.43	-0.15	26.49	1.03	-102.90	-0.16
		128	15.43	0.15	23.54	-1.03	101.28	-0.01
	16	127	-0.35	-0.08	31.64	2.07	-110.85	-0.08
		128	0.35	0.08	18.40	-2.07	103.57	-0.02
	17	127	-7.58	-0.34	28.59	1.73	-102.45	-0.35
		128	7.58	0.34	21.44	-1.73	98.52	-0.02
	18	127	-7.59	0.12	28.89	1.21	-100.73	0.14
		128	7.59	-0.12	21.15	-1.21	96.47	0.00
	19	127	-20.09	-0.16	24.25	0.59	-95.28	-0.17
		128	20.09	0.16	25.79	-0.59	96.13	0.00
	20	127	5.03	-0.05	32.82	2.33	-108.52	-0.04

	128	-5.03	0.05	17.22	-2.33	99.94	-0.02
21	127	-6.14	-0.18	22.77	1.33	-81.10	-0.19
	128	6.14	0.18	15.72	-1.33	77.23	-0.01
22	127	-6.15	0.00	22.89	1.12	-80.42	0.01
	128	6.15	0.00	15.60	-1.12	76.41	0.00
23	127	-11.15	-0.11	21.03	0.88	-78.24	-0.12
	128	11.15	0.11	17.46	-0.88	76.27	-0.01
24	127	-1.10	-0.07	24.46	1.57	-83.53	-0.06
	128	1.10	0.07	14.03	-1.57	77.79	-0.01
25	127	-6.02	-0.18	22.32	1.28	-81.37	-0.18
	128	6.02	0.18	16.17	-1.28	78.00	-0.01
26	127	-6.03	0.01	22.43	1.08	-80.68	0.01
	128	6.03	-0.01	16.06	-1.08	77.18	0.00
27	127	-11.03	-0.11	20.58	0.83	-78.50	-0.11
	128	11.03	0.11	17.91	-0.83	77.04	-0.01
28	127	-0.98	-0.07	24.01	1.52	-83.80	-0.06
	128	0.98	0.07	14.48	-1.52	78.56	-0.01
29	127	-5.80	-0.24	21.98	1.30	-78.20	-0.24
	128	5.80	0.24	16.51	-1.30	75.20	-0.02
30	127	-5.80	0.07	22.17	0.96	-77.05	0.08
	128	5.80	-0.07	16.32	-0.96	73.83	0.00
31	127	-14.14	-0.12	19.08	0.54	-73.42	-0.13
	128	14.14	0.12	19.41	-0.54	73.60	0.00
32	127	2.61	-0.05	24.79	1.70	-82.25	-0.04
	128	-2.61	0.05	13.70	-1.70	76.15	-0.01
33	127	-5.58	-0.08	21.86	1.09	-74.26	-0.08
	128	5.58	0.08	16.63	-1.09	71.39	-0.01
34	127	-5.67	-0.08	21.97	1.11	-75.62	-0.08
	128	5.67	0.08	16.52	-1.11	72.62	-0.01
35	127	-5.57	-0.11	21.82	1.12	-74.37	-0.11
	128	5.57	0.11	16.66	-1.12	71.53	-0.01
36	127	-5.58	-0.05	21.86	1.05	-74.14	-0.04
	128	5.58	0.05	16.62	-1.05	71.26	-0.01
37	127	-7.24	-0.08	21.25	0.97	-73.42	-0.08
	128	7.24	0.08	17.24	-0.97	71.21	-0.01
38	127	-3.89	-0.07	22.39	1.20	-75.18	-0.07
	128	3.89	0.07	16.10	-1.20	71.72	-0.01
39	127	-5.58	-0.08	21.86	1.09	-74.26	-0.08
	128	5.58	0.08	16.63	-1.09	71.39	-0.01
40	127	-1.78	-3.06	-5.23	2.56	-9.95	-3.17
	128	1.78	3.06	5.23	-2.56	15.71	-0.19
41	127	1.86	-3.78	-4.87	2.83	-10.41	-4.02
	128	-1.86	3.78	4.87	-2.83	15.76	-0.13
42	127	-76.43	-0.22	-25.09	-4.68	43.77	-0.50
	128	76.43	0.22	25.09	4.68	-16.17	0.25
43	127	-65.03	0.10	-21.43	-3.68	37.46	-0.06
	128	65.03	-0.10	21.43	3.68	-13.88	0.16
44	127	-30.29	-3.20	9.10	2.24	-71.09	-3.40
	128	30.29	3.20	29.39	-2.24	82.25	-0.12
45	127	15.57	-3.07	24.15	5.05	-97.35	-3.10

	128	-15.57	3.07	14.34	-5.05	91.95	-0.28
46	127	-26.87	-3.10	10.20	2.55	-72.98	-3.26
	128	26.87	3.10	28.29	-2.55	82.93	-0.15
47	127	12.15	-3.16	23.05	4.75	-95.45	-3.23
	128	-12.15	3.16	15.43	-4.75	91.26	-0.25
48	127	-26.72	2.91	19.56	-2.87	-51.18	2.95
	128	26.72	-2.91	18.93	2.87	50.83	0.26
49	127	19.14	3.05	34.61	-0.06	-77.44	3.24
	128	-19.14	-3.05	3.88	0.06	60.53	0.11
50	127	-23.30	3.01	20.66	-2.57	-53.07	3.08
	128	23.30	-3.01	17.83	2.57	51.52	0.23
51	127	15.72	2.95	33.52	-0.36	-75.54	3.11
	128	-15.72	-2.95	4.97	0.36	59.85	0.13
52	127	-26.64	-3.92	9.46	2.52	-71.54	-4.25
	128	26.64	3.92	29.02	-2.52	82.30	-0.07
53	127	19.21	-3.79	24.52	5.33	-97.80	-3.95
	128	-19.21	3.79	13.97	-5.33	92.00	-0.22
54	127	-23.22	-3.82	10.56	2.82	-73.43	-4.11
	128	23.22	3.82	27.93	-2.82	82.98	-0.09
55	127	15.80	-3.88	23.42	5.02	-95.91	-4.08
	128	-15.80	3.88	15.07	-5.02	91.31	-0.19
56	127	-30.37	3.63	19.19	-3.14	-50.72	3.80
	128	30.37	-3.63	19.29	3.14	50.78	0.20
57	127	15.49	3.77	34.25	-0.33	-76.98	4.10
	128	-15.49	-3.77	4.24	0.33	60.48	0.05
58	127	-26.95	3.73	20.29	-2.84	-52.62	3.93
	128	26.95	-3.73	18.20	2.84	51.46	0.17
59	127	12.07	3.67	33.15	-0.63	-75.09	3.96
	128	-12.07	-3.67	5.34	0.63	59.79	0.07
60	127	-82.54	-1.22	-4.80	-2.82	-33.48	-1.53
	128	82.54	1.22	43.29	2.82	59.93	0.19
61	127	-81.47	0.62	-1.66	-4.36	-27.51	0.38
	128	81.47	-0.62	40.15	4.36	50.50	0.30
62	127	-81.45	-1.43	-4.69	-2.74	-33.61	-1.78
	128	81.45	1.43	43.18	2.74	59.94	0.20
63	127	-82.56	0.83	-1.77	-4.44	-27.37	0.63
	128	82.56	-0.83	40.26	4.44	50.49	0.28
64	127	70.32	-0.77	45.38	6.54	-121.02	-0.53
	128	-70.32	0.77	-6.89	-6.54	92.27	-0.32
65	127	71.39	1.07	48.51	5.01	-115.05	1.38
	128	-71.39	-1.07	-10.03	-5.01	82.85	-0.20
66	127	71.41	-0.98	45.49	6.62	-121.15	-0.78
	128	-71.41	0.98	-7.00	-6.62	92.29	-0.30
67	127	70.30	1.28	48.40	4.93	-114.91	1.63
	128	-70.30	-1.28	-9.92	-4.93	82.83	-0.22
68	127	-71.14	-0.90	-1.14	-1.82	-39.79	-1.08
	128	71.14	0.90	39.63	1.82	62.22	0.09
69	127	-70.07	0.94	2.00	-3.35	-33.82	0.82
	128	70.07	-0.94	36.49	3.35	52.79	0.21
70	127	-70.05	-1.11	-1.03	-1.74	-39.93	-1.34

		128	70.05	1.11	39.52	1.74	62.23	0.11
71		127	-71.17	1.15	1.89	-3.43	-33.68	1.08
		128	71.17	-1.15	36.60	3.43	52.78	0.19
72		127	58.92	-1.09	41.72	5.54	-114.70	-0.97
		128	-58.92	1.09	-3.23	-5.54	89.98	-0.23
73		127	59.99	0.74	44.86	4.00	-108.73	0.93
		128	-59.99	-0.74	-6.37	-4.00	80.56	-0.11
74		127	60.02	-1.30	41.83	5.62	-114.84	-1.23
		128	-60.02	1.30	-3.34	-5.62	90.00	-0.21
75		127	58.90	0.96	44.75	3.92	-108.60	1.19
		128	-58.90	-0.96	-6.26	-3.92	80.54	-0.13
164	1	128	-3.51	-0.03	26.36	0.75	-53.36	0.01
		129	3.51	0.03	-10.96	-0.75	32.83	-0.04
	2	128	-2.06	-0.05	20.09	0.34	-18.03	0.00
		129	2.06	0.05	3.00	-0.34	8.63	-0.06
	3	128	-0.35	-0.01	2.10	0.09	-2.32	0.00
		129	0.35	0.01	-2.10	-0.09	0.01	-0.01
	4	128	-0.45	-0.01	3.14	0.10	-6.17	0.00
		129	0.45	0.01	-3.14	-0.10	2.72	-0.01
	5	128	0.01	-0.15	-0.08	0.16	-0.72	0.01
		129	-0.01	0.15	0.08	-0.16	0.81	-0.18
	6	128	0.00	0.15	-0.06	-0.19	0.64	-0.01
		129	0.00	-0.15	0.06	0.19	-0.57	0.18
	7	128	-8.34	-0.04	-3.35	-0.60	0.87	-0.01
		129	8.34	0.04	3.35	0.60	2.81	-0.04
	8	128	8.41	0.03	2.94	0.56	-1.67	0.01
		129	-8.41	-0.03	-2.94	-0.56	-1.56	0.03
	9	128	-8.10	-0.26	65.81	1.77	-101.56	0.02
		129	8.10	0.26	-15.77	-1.77	56.69	-0.30
	10	128	-8.11	0.02	65.83	1.47	-100.33	0.00
		129	8.11	-0.02	-15.79	-1.47	55.44	0.02
	11	128	-15.61	-0.15	62.87	1.09	-100.12	0.01
		129	15.61	0.15	-12.83	-1.09	58.49	-0.17
	12	128	-0.53	-0.09	68.53	2.14	-102.41	0.02
		129	0.53	0.09	-18.49	-2.14	54.55	-0.11
	13	128	-7.92	-0.25	65.02	1.71	-102.72	0.02
		129	7.92	0.25	-14.98	-1.71	58.72	-0.30
	14	128	-7.93	0.02	65.03	1.40	-101.49	0.00
		129	7.93	-0.02	-15.00	-1.40	57.47	0.02
	15	128	-15.43	-0.15	62.07	1.03	-101.28	0.01
		129	15.43	0.15	-12.04	-1.03	60.52	-0.17
	16	128	-0.35	-0.08	67.74	2.07	-103.57	0.02
		129	0.35	0.08	-17.70	-2.07	56.58	-0.11
	17	128	-7.58	-0.34	62.62	1.73	-98.52	0.02
		129	7.58	0.34	-12.58	-1.73	57.16	-0.39
	18	128	-7.59	0.12	62.64	1.21	-96.47	0.00
		129	7.59	-0.12	-12.61	-1.21	55.09	0.14
	19	128	-20.09	-0.16	57.71	0.59	-96.13	0.00
		129	20.09	0.16	-7.68	-0.59	60.16	-0.18

20	128	5.03	-0.05	67.15	2.33	-99.94	0.02
	129	-5.03	0.05	-17.11	-2.33	53.60	-0.08
21	128	-6.14	-0.18	50.07	1.33	-77.23	0.01
	129	6.14	0.18	-11.58	-1.33	43.32	-0.21
22	128	-6.15	0.00	50.08	1.12	-76.41	0.00
	129	6.15	0.00	-11.59	-1.12	42.49	0.00
23	128	-11.15	-0.11	48.11	0.88	-76.27	0.01
	129	11.15	0.11	-9.62	-0.88	44.52	-0.13
24	128	-1.10	-0.07	51.88	1.57	-77.79	0.01
	129	1.10	0.07	-13.39	-1.57	41.90	-0.09
25	128	-6.02	-0.18	49.54	1.28	-78.00	0.01
	129	6.02	0.18	-11.05	-1.28	44.67	-0.21
26	128	-6.03	0.01	49.55	1.08	-77.18	0.00
	129	6.03	-0.01	-11.06	-1.08	43.84	0.00
27	128	-11.03	-0.11	47.58	0.83	-77.04	0.01
	129	11.03	0.11	-9.09	-0.83	45.87	-0.13
28	128	-0.98	-0.07	51.35	1.52	-78.56	0.01
	129	0.98	0.07	-12.86	-1.52	43.25	-0.08
29	128	-5.80	-0.24	47.94	1.30	-75.20	0.02
	129	5.80	0.24	-9.45	-1.30	43.64	-0.28
30	128	-5.80	0.07	47.95	0.96	-73.83	0.00
	129	5.80	-0.07	-9.47	-0.96	42.25	0.08
31	128	-14.14	-0.12	44.67	0.54	-73.60	0.00
	129	14.14	0.12	-6.18	-0.54	45.64	-0.13
32	128	2.61	-0.05	50.96	1.70	-76.15	0.01
	129	-2.61	0.05	-12.47	-1.70	41.26	-0.07
33	128	-5.58	-0.08	46.45	1.09	-71.39	0.01
	129	5.58	0.08	-7.96	-1.09	41.46	-0.09
34	128	-5.67	-0.08	47.08	1.11	-72.62	0.01
	129	5.67	0.08	-8.59	-1.11	42.01	-0.10
35	128	-5.57	-0.11	46.43	1.12	-71.53	0.01
	129	5.57	0.11	-7.94	-1.12	41.63	-0.13
36	128	-5.58	-0.05	46.44	1.05	-71.26	0.01
	129	5.58	0.05	-7.95	-1.05	41.35	-0.06
37	128	-7.24	-0.08	45.78	0.97	-71.21	0.01
	129	7.24	0.08	-7.29	-0.97	42.03	-0.10
38	128	-3.89	-0.07	47.04	1.20	-71.72	0.01
	129	3.89	0.07	-8.55	-1.20	41.15	-0.09
39	128	-5.58	-0.08	46.45	1.09	-71.39	0.01
	129	5.58	0.08	-7.96	-1.09	41.46	-0.09
40	128	-1.78	-3.06	-3.91	2.56	-15.71	0.19
	129	1.78	3.06	3.91	-2.56	20.01	-3.55
41	128	1.86	-3.78	-3.41	2.83	-15.76	0.13
	129	-1.86	3.78	3.41	-2.83	19.51	-4.29
42	128	-76.43	-0.22	-28.79	-4.68	16.17	-0.25
	129	76.43	0.22	28.79	4.68	15.50	0.00
43	128	-65.03	0.10	-24.64	-3.68	13.88	-0.16
	129	65.03	-0.10	24.64	3.68	13.22	0.27
44	128	-30.29	-3.20	33.90	2.24	-82.25	0.12
	129	30.29	3.20	4.59	-2.24	66.12	-3.65

45	128	15.57	-3.07	51.18	5.05	-91.95	0.28
	129	-15.57	3.07	-12.69	-5.05	56.82	-3.65
46	128	-26.87	-3.10	35.15	2.55	-82.93	0.15
	129	26.87	3.10	3.34	-2.55	65.44	-3.57
47	128	12.15	-3.16	49.93	4.75	-91.26	0.25
	129	-12.15	3.16	-11.44	-4.75	57.51	-3.73
48	128	-26.72	2.91	41.72	-2.87	-50.83	-0.26
	129	26.72	-2.91	-3.23	2.87	26.10	3.46
49	128	19.14	3.05	59.00	-0.06	-60.53	-0.11
	129	-19.14	-3.05	-20.51	0.06	16.80	3.46
50	128	-23.30	3.01	42.97	-2.57	-51.52	-0.23
	129	23.30	-3.01	-4.48	2.57	25.42	3.54
51	128	15.72	2.95	57.75	-0.36	-59.85	-0.13
	129	-15.72	-2.95	-19.26	0.36	17.49	3.38
52	128	-26.64	-3.92	34.40	2.52	-82.30	0.07
	129	26.64	3.92	4.08	-2.52	65.62	-4.38
53	128	19.21	-3.79	51.68	5.33	-92.00	0.22
	129	-19.21	3.79	-13.19	-5.33	56.32	-4.38
54	128	-23.22	-3.82	35.65	2.82	-82.98	0.09
	129	23.22	3.82	2.84	-2.82	64.94	-4.30
55	128	15.80	-3.88	50.44	5.02	-91.31	0.19
	129	-15.80	3.88	-11.95	-5.02	57.00	-4.46
56	128	-30.37	3.63	41.22	-3.14	-50.78	-0.20
	129	30.37	-3.63	-2.73	3.14	26.61	4.19
57	128	15.49	3.77	58.50	-0.33	-60.48	-0.05
	129	-15.49	-3.77	-20.01	0.33	17.30	4.19
58	128	-26.95	3.73	42.47	-2.84	-51.46	-0.17
	129	26.95	-3.73	-3.98	2.84	25.92	4.27
59	128	12.07	3.67	57.25	-0.63	-59.79	-0.07
	129	-12.07	-3.67	-18.76	0.63	17.99	4.11
60	128	-82.54	-1.22	16.48	-2.82	-59.93	-0.19
	129	82.54	1.22	22.01	2.82	62.97	-1.15
61	128	-81.47	0.62	18.83	-4.36	-50.50	-0.30
	129	81.47	-0.62	19.66	4.36	50.96	0.98
62	128	-81.45	-1.43	16.63	-2.74	-59.94	-0.20
	129	81.45	1.43	21.86	2.74	62.82	-1.37
63	128	-82.56	0.83	18.68	-4.44	-50.49	-0.28
	129	82.56	-0.83	19.81	4.44	51.11	1.20
64	128	70.32	-0.77	74.07	6.54	-92.27	0.32
	129	-70.32	0.77	-35.58	-6.54	31.96	-1.16
65	128	71.39	1.07	76.42	5.01	-82.85	0.20
	129	-71.39	-1.07	-37.93	-5.01	19.96	0.97
66	128	71.41	-0.98	74.22	6.62	-92.29	0.30
	129	-71.41	0.98	-35.73	-6.62	31.81	-1.38
67	128	70.30	1.28	76.27	4.93	-82.83	0.22
	129	-70.30	-1.28	-37.78	-4.93	20.11	1.19
68	128	-71.14	-0.90	20.64	-1.82	-62.22	-0.09
	129	71.14	0.90	17.85	1.82	60.68	-0.89
69	128	-70.07	0.94	22.98	-3.35	-52.79	-0.21
	129	70.07	-0.94	15.50	3.35	48.68	1.24

	70	128	-70.05	-1.11	20.79	-1.74	-62.23	-0.11
		129	70.05	1.11	17.70	1.74	60.53	-1.11
	71	128	-71.17	1.15	22.83	-3.43	-52.78	-0.19
		129	71.17	-1.15	15.66	3.43	48.83	1.46
	72	128	58.92	-1.09	69.92	5.54	-89.98	0.23
		129	-58.92	1.09	-31.43	-5.54	34.25	-1.42
	73	128	59.99	0.74	72.26	4.00	-80.56	0.11
		129	-59.99	-0.74	-33.77	-4.00	22.24	0.71
	74	128	60.02	-1.30	70.07	5.62	-90.00	0.21
		129	-60.02	1.30	-31.58	-5.62	34.10	-1.64
	75	128	58.90	0.96	72.11	3.92	-80.54	0.13
		129	-58.90	-0.96	-33.62	-3.92	22.39	0.93
165	1	129	-3.51	-0.03	44.27	0.75	-32.83	0.04
		130	3.51	0.03	-28.87	-0.75	-7.39	-0.07
	2	129	-2.06	-0.05	26.75	0.34	-8.63	0.06
		130	2.06	0.05	-3.66	-0.34	-8.10	-0.11
	3	129	-0.35	-0.01	3.48	0.09	-0.01	0.01
		130	0.35	0.01	-3.48	-0.09	-3.82	-0.02
	4	129	-0.45	-0.01	5.73	0.10	-2.72	0.01
		130	0.45	0.01	-5.73	-0.10	-3.58	-0.02
	5	129	0.01	-0.15	-0.01	0.16	-0.81	0.18
		130	-0.01	0.15	0.01	-0.16	0.83	-0.35
	6	129	0.00	0.15	-0.16	-0.19	0.57	-0.18
		130	0.00	-0.15	0.16	0.19	-0.39	0.35
	7	129	-8.34	-0.04	-3.55	-0.60	-2.81	0.04
		130	8.34	0.04	3.55	0.60	6.72	-0.08
	8	129	8.41	0.03	3.11	0.56	1.56	-0.03
		130	-8.41	-0.03	-3.11	-0.56	-4.99	0.07
	9	129	-8.10	-0.26	101.83	1.77	-56.69	0.30
		130	8.10	0.26	-51.80	-1.77	-27.81	-0.58
	10	129	-8.11	0.02	101.70	1.47	-55.44	-0.02
		130	8.11	-0.02	-51.66	-1.47	-28.91	0.04
	11	129	-15.61	-0.15	98.65	1.09	-58.49	0.17
		130	15.61	0.15	-48.61	-1.09	-22.50	-0.34
	12	129	-0.53	-0.09	104.65	2.14	-54.55	0.11
		130	0.53	0.09	-54.61	-2.14	-33.05	-0.21
	13	129	-7.92	-0.25	100.91	1.71	-58.72	0.30
		130	7.92	0.25	-50.87	-1.71	-24.76	-0.57
	14	129	-7.93	0.02	100.77	1.40	-57.47	-0.02
		130	7.93	-0.02	-50.74	-1.40	-25.86	0.05
	15	129	-15.43	-0.15	97.72	1.03	-60.52	0.17
		130	15.43	0.15	-47.69	-1.03	-19.46	-0.33
	16	129	-0.35	-0.08	103.72	2.07	-56.58	0.11
		130	0.35	0.08	-53.69	-2.07	-30.00	-0.20
	17	129	-7.58	-0.34	96.60	1.73	-57.16	0.39
		130	7.58	0.34	-46.56	-1.73	-21.58	-0.77
	18	129	-7.59	0.12	96.38	1.21	-55.09	-0.14
		130	7.59	-0.12	-46.34	-1.21	-23.41	0.28
	19	129	-20.09	-0.16	91.29	0.59	-60.16	0.18

	130	20.09	0.16	-41.25	-0.59	-12.74	-0.36
20	129	5.03	-0.05	101.29	2.33	-53.60	0.08
	130	-5.03	0.05	-51.26	-2.33	-30.30	-0.14
21	129	-6.14	-0.18	77.36	1.33	-43.32	0.21
	130	6.14	0.18	-38.87	-1.33	-20.60	-0.41
22	129	-6.15	0.00	77.27	1.12	-42.49	0.00
	130	6.15	0.00	-38.78	-1.12	-21.34	0.01
23	129	-11.15	-0.11	75.23	0.88	-44.52	0.13
	130	11.15	0.11	-36.75	-0.88	-17.07	-0.25
24	129	-1.10	-0.07	79.24	1.57	-41.90	0.09
	130	1.10	0.07	-40.75	-1.57	-24.10	-0.16
25	129	-6.02	-0.18	76.74	1.28	-44.67	0.21
	130	6.02	0.18	-38.25	-1.28	-18.57	-0.41
26	129	-6.03	0.01	76.65	1.08	-43.84	0.00
	130	6.03	-0.01	-38.16	-1.08	-19.30	0.01
27	129	-11.03	-0.11	74.62	0.83	-45.87	0.13
	130	11.03	0.11	-36.13	-0.83	-15.04	-0.24
28	129	-0.98	-0.07	78.62	1.52	-43.25	0.08
	130	0.98	0.07	-40.13	-1.52	-22.06	-0.16
29	129	-5.80	-0.24	73.87	1.30	-43.64	0.28
	130	5.80	0.24	-35.38	-1.30	-16.45	-0.53
30	129	-5.80	0.07	73.72	0.96	-42.25	-0.08
	130	5.80	-0.07	-35.23	-0.96	-17.67	0.16
31	129	-14.14	-0.12	70.33	0.54	-45.64	0.13
	130	14.14	0.12	-31.84	-0.54	-10.56	-0.26
32	129	2.61	-0.05	77.00	1.70	-41.26	0.07
	130	-2.61	0.05	-38.51	-1.70	-22.27	-0.12
33	129	-5.58	-0.08	71.02	1.09	-41.46	0.09
	130	5.58	0.08	-32.53	-1.09	-15.49	-0.18
34	129	-5.67	-0.08	72.16	1.11	-42.01	0.10
	130	5.67	0.08	-33.67	-1.11	-16.20	-0.18
35	129	-5.57	-0.11	71.01	1.12	-41.63	0.13
	130	5.57	0.11	-32.53	-1.12	-15.32	-0.25
36	129	-5.58	-0.05	70.99	1.05	-41.35	0.06
	130	5.58	0.05	-32.50	-1.05	-15.57	-0.11
37	129	-7.24	-0.08	70.31	0.97	-42.03	0.10
	130	7.24	0.08	-31.82	-0.97	-14.14	-0.19
38	129	-3.89	-0.07	71.64	1.20	-41.15	0.09
	130	3.89	0.07	-33.15	-1.20	-16.49	-0.16
39	129	-5.58	-0.08	71.02	1.09	-41.46	0.09
	130	5.58	0.08	-32.53	-1.09	-15.49	-0.18
40	129	-1.78	-3.06	-2.77	2.56	-20.01	3.55
	130	1.78	3.06	2.77	-2.56	23.05	-6.92
41	129	1.86	-3.78	-2.18	2.83	-19.51	4.29
	130	-1.86	3.78	2.18	-2.83	21.91	-8.44
42	129	-76.43	-0.22	-31.17	-4.68	-15.50	0.00
	130	76.43	0.22	31.17	4.68	49.79	-0.24
43	129	-65.03	0.10	-26.69	-3.68	-13.22	-0.27
	130	65.03	-0.10	26.69	3.68	42.58	0.37
44	129	-30.29	-3.20	58.90	2.24	-66.12	3.65

	130	30.29	3.20	-20.41	-2.24	22.50	-7.17
45	129	15.57	-3.07	77.60	5.05	-56.82	3.65
	130	-15.57	3.07	-39.11	-5.05	-7.37	-7.02
46	129	-26.87	-3.10	60.24	2.55	-65.44	3.57
	130	26.87	3.10	-21.75	-2.55	20.34	-6.98
47	129	12.15	-3.16	76.26	4.75	-57.51	3.73
	130	-12.15	3.16	-37.77	-4.75	-5.21	-7.20
48	129	-26.72	2.91	64.44	-2.87	-26.10	-3.46
	130	26.72	-2.91	-25.95	2.87	-23.61	6.66
49	129	19.14	3.05	83.14	-0.06	-16.80	-3.46
	130	-19.14	-3.05	-44.65	0.06	-53.48	6.81
50	129	-23.30	3.01	65.78	-2.57	-25.42	-3.54
	130	23.30	-3.01	-27.29	2.57	-25.77	6.85
51	129	15.72	2.95	81.79	-0.36	-17.49	-3.38
	130	-15.72	-2.95	-43.30	0.36	-51.32	6.63
52	129	-26.64	-3.92	59.49	2.52	-65.62	4.38
	130	26.64	3.92	-21.00	-2.52	21.35	-8.69
53	129	19.21	-3.79	78.19	5.33	-56.32	4.38
	130	-19.21	3.79	-39.70	-5.33	-8.52	-8.54
54	129	-23.22	-3.82	60.83	2.82	-64.94	4.30
	130	23.22	3.82	-22.34	-2.82	19.19	-8.51
55	129	15.80	-3.88	76.85	5.02	-57.00	4.46
	130	-15.80	3.88	-38.36	-5.02	-6.36	-8.73
56	129	-30.37	3.63	63.85	-3.14	-26.61	-4.19
	130	30.37	-3.63	-25.36	3.14	-22.46	8.19
57	129	15.49	3.77	82.55	-0.33	-17.30	-4.19
	130	-15.49	-3.77	-44.06	0.33	-52.33	8.34
58	129	-26.95	3.73	65.19	-2.84	-25.92	-4.27
	130	26.95	-3.73	-26.70	2.84	-24.62	8.37
59	129	12.07	3.67	81.20	-0.63	-17.99	-4.11
	130	-12.07	-3.67	-42.72	0.63	-50.17	8.15
60	129	-82.54	-1.22	39.02	-2.82	-62.97	1.15
	130	82.54	1.22	-0.53	2.82	41.21	-2.49
61	129	-81.47	0.62	40.68	-4.36	-50.96	-0.98
	130	81.47	-0.62	-2.19	4.36	27.38	1.65
62	129	-81.45	-1.43	39.20	-2.74	-62.82	1.37
	130	81.45	1.43	-0.71	2.74	40.87	-2.95
63	129	-82.56	0.83	40.50	-4.44	-51.11	-1.20
	130	82.56	-0.83	-2.02	4.44	27.73	2.11
64	129	70.32	-0.77	101.35	6.54	-31.96	1.16
	130	-70.32	0.77	-62.87	-6.54	-58.36	-2.01
65	129	71.39	1.07	103.02	5.01	-19.96	-0.97
	130	-71.39	-1.07	-64.53	-5.01	-72.19	2.14
66	129	71.41	-0.98	101.53	6.62	-31.81	1.38
	130	-71.41	0.98	-63.04	-6.62	-58.70	-2.47
67	129	70.30	1.28	102.84	4.93	-20.11	-1.19
	130	-70.30	-1.28	-64.35	-4.93	-71.84	2.60
68	129	-71.14	-0.90	43.50	-1.82	-60.68	0.89
	130	71.14	0.90	-5.01	1.82	34.01	-1.88
69	129	-70.07	0.94	45.16	-3.35	-48.68	-1.24

		130	70.07	-0.94	-6.67	3.35	20.18	2.27
70		129	-70.05	-1.11	43.67	-1.74	-60.53	1.11
		130	70.05	1.11	-5.18	1.74	33.66	-2.34
71		129	-71.17	1.15	44.98	-3.43	-48.83	-1.46
		130	71.17	-1.15	-6.49	3.43	20.52	2.72
72		129	58.92	-1.09	96.88	5.54	-34.25	1.42
		130	-58.92	1.09	-58.39	-5.54	-51.15	-2.62
73		129	59.99	0.74	98.54	4.00	-22.24	-0.71
		130	-59.99	-0.74	-60.05	-4.00	-64.98	1.53
74		129	60.02	-1.30	97.06	5.62	-34.10	1.64
		130	-60.02	1.30	-58.57	-5.62	-51.50	-3.08
75		129	58.90	0.96	98.36	3.92	-22.39	-0.93
		130	-58.90	-0.96	-59.87	-3.92	-64.64	1.98
166	1	130	-3.51	-0.03	62.23	0.75	7.39	0.07
		9	3.51	0.03	-52.78	-0.75	-46.21	-0.09
2		130	-2.06	-0.05	33.48	0.34	8.10	0.11
		9	2.06	0.05	-19.31	-0.34	-25.92	-0.14
3		130	-0.35	-0.01	4.89	0.09	3.82	0.02
		9	0.35	0.01	-4.89	-0.09	-7.13	-0.02
4		130	-0.45	-0.01	8.35	0.10	3.58	0.02
		9	0.45	0.01	-8.35	-0.10	-9.22	-0.03
5		130	0.01	-0.15	0.05	0.16	-0.83	0.35
		9	-0.01	0.15	-0.05	-0.16	0.80	-0.45
6		130	0.00	0.15	-0.26	-0.19	0.39	-0.35
		9	0.00	-0.15	0.26	0.19	-0.22	0.45
7		130	-8.34	-0.04	-3.65	-0.60	-6.72	0.08
		9	8.34	0.04	3.65	0.60	9.19	-0.10
8		130	8.41	0.03	3.17	0.56	4.99	-0.07
		9	-8.41	-0.03	-3.17	-0.56	-7.13	0.10
9		130	-8.10	-0.26	138.07	1.77	27.81	0.58
		9	8.10	0.26	-107.37	-1.77	-110.65	-0.75
10		130	-8.11	0.02	137.79	1.47	28.91	-0.04
		9	8.11	-0.02	-107.09	-1.47	-111.56	0.06
11		130	-15.61	-0.15	134.74	1.09	22.50	0.34
		9	15.61	0.15	-104.04	-1.09	-103.09	-0.44
12		130	-0.53	-0.09	140.88	2.14	33.05	0.21
		9	0.53	0.09	-110.18	-2.14	-117.78	-0.26
13		130	-7.92	-0.25	136.99	1.71	24.76	0.57
		9	7.92	0.25	-106.29	-1.71	-106.87	-0.75
14		130	-7.93	0.02	136.71	1.40	25.86	-0.05
		9	7.93	-0.02	-106.01	-1.40	-107.78	0.07
15		130	-15.43	-0.15	133.66	1.03	19.46	0.33
		9	15.43	0.15	-102.96	-1.03	-99.31	-0.43
16		130	-0.35	-0.08	139.80	2.07	30.00	0.20
		9	0.35	0.08	-109.10	-2.07	-114.00	-0.26
17		130	-7.58	-0.34	130.76	1.73	21.58	0.77
		9	7.58	0.34	-100.06	-1.73	-99.48	-0.99
18		130	-7.59	0.12	130.30	1.21	23.41	-0.28
		9	7.59	-0.12	-99.59	-1.21	-101.00	0.36

19	130	-20.09	-0.16	125.21	0.59	12.74	0.36
	9	20.09	0.16	-94.50	-0.59	-86.89	-0.47
20	130	5.03	-0.05	135.45	2.33	30.30	0.14
	9	-5.03	0.05	-104.74	-2.33	-111.37	-0.18
21	130	-6.14	-0.18	104.81	1.33	20.60	0.41
	9	6.14	0.18	-81.19	-1.33	-83.38	-0.53
22	130	-6.15	0.00	104.62	1.12	21.34	-0.01
	9	6.15	0.00	-81.01	-1.12	-83.99	0.01
23	130	-11.15	-0.11	102.59	0.88	17.07	0.25
	9	11.15	0.11	-78.97	-0.88	-78.34	-0.32
24	130	-1.10	-0.07	106.68	1.57	24.10	0.16
	9	1.10	0.07	-83.07	-1.57	-88.14	-0.21
25	130	-6.02	-0.18	104.09	1.28	18.57	0.41
	9	6.02	0.18	-80.47	-1.28	-80.86	-0.53
26	130	-6.03	0.01	103.90	1.08	19.30	-0.01
	9	6.03	-0.01	-80.29	-1.08	-81.47	0.01
27	130	-11.03	-0.11	101.87	0.83	15.04	0.24
	9	11.03	0.11	-78.25	-0.83	-75.83	-0.32
28	130	-0.98	-0.07	105.96	1.52	22.06	0.16
	9	0.98	0.07	-82.35	-1.52	-85.62	-0.20
29	130	-5.80	-0.24	99.94	1.30	16.45	0.53
	9	5.80	0.24	-76.32	-1.30	-75.94	-0.69
30	130	-5.80	0.07	99.63	0.96	17.67	-0.16
	9	5.80	-0.07	-76.01	-0.96	-76.95	0.21
31	130	-14.14	-0.12	96.23	0.54	10.56	0.26
	9	14.14	0.12	-72.62	-0.54	-67.54	-0.34
32	130	2.61	-0.05	103.06	1.70	22.27	0.12
	9	-2.61	0.05	-79.44	-1.70	-83.86	-0.15
33	130	-5.58	-0.08	95.71	1.09	15.49	0.18
	9	5.58	0.08	-72.10	-1.09	-72.12	-0.23
34	130	-5.67	-0.08	97.38	1.11	16.20	0.18
	9	5.67	0.08	-73.76	-1.11	-73.97	-0.24
35	130	-5.57	-0.11	95.72	1.12	15.32	0.25
	9	5.57	0.11	-72.11	-1.12	-71.96	-0.32
36	130	-5.58	-0.05	95.66	1.05	15.57	0.11
	9	5.58	0.05	-72.04	-1.05	-72.17	-0.14
37	130	-7.24	-0.08	94.98	0.97	14.14	0.19
	9	7.24	0.08	-71.36	-0.97	-70.29	-0.25
38	130	-3.89	-0.07	96.35	1.20	16.49	0.16
	9	3.89	0.07	-72.73	-1.20	-73.55	-0.21
39	130	-5.58	-0.08	95.71	1.09	15.49	0.18
	9	5.58	0.08	-72.10	-1.09	-72.12	-0.23
40	130	-1.78	-3.06	-1.72	2.56	-23.05	6.92
	9	1.78	3.06	1.72	-2.56	24.21	-8.98
41	130	1.86	-3.78	-1.09	2.83	-21.91	8.44
	9	-1.86	3.78	1.09	-2.83	22.64	-10.99
42	130	-76.43	-0.22	-32.13	-4.68	-49.79	0.24
	9	76.43	0.22	32.13	4.68	71.47	-0.39
43	130	-65.03	0.10	-27.53	-3.68	-42.58	-0.37
	9	65.03	-0.10	27.53	3.68	61.16	0.43

44	130	-30.29	-3.20	84.36	2.24	-22.50	7.17
	9	30.29	3.20	-60.74	-2.24	-26.47	-9.33
45	130	15.57	-3.07	103.64	5.05	7.37	7.02
	9	-15.57	3.07	-80.02	-5.05	-69.35	-9.09
46	130	-26.87	-3.10	85.74	2.55	-20.34	6.98
	9	26.87	3.10	-62.12	-2.55	-29.56	-9.08
47	130	12.15	-3.16	102.25	4.75	5.21	7.20
	9	-12.15	3.16	-78.64	-4.75	-66.26	-9.34
48	130	-26.72	2.91	87.79	-2.87	23.61	-6.66
	9	26.72	-2.91	-64.17	2.87	-74.89	8.63
49	130	19.14	3.05	107.07	-0.06	53.48	-6.81
	9	-19.14	-3.05	-83.45	0.06	-117.78	8.87
50	130	-23.30	3.01	89.17	-2.57	25.77	-6.85
	9	23.30	-3.01	-65.55	2.57	-77.99	8.88
51	130	15.72	2.95	105.69	-0.36	51.32	-6.63
	9	-15.72	-2.95	-82.07	0.36	-114.68	8.62
52	130	-26.64	-3.92	84.98	2.52	-21.35	8.69
	9	26.64	3.92	-61.36	-2.52	-28.04	-11.34
53	130	19.21	-3.79	104.26	5.33	8.52	8.54
	9	-19.21	3.79	-80.64	-5.33	-70.92	-11.10
54	130	-23.22	-3.82	86.36	2.82	-19.19	8.51
	9	23.22	3.82	-62.74	-2.82	-31.13	-11.09
55	130	15.80	-3.88	102.88	5.02	6.36	8.73
	9	-15.80	3.88	-79.26	-5.02	-67.83	-11.35
56	130	-30.37	3.63	87.17	-3.14	22.46	-8.19
	9	30.37	-3.63	-63.55	3.14	-73.32	10.64
57	130	15.49	3.77	106.45	-0.33	52.33	-8.34
	9	-15.49	-3.77	-82.83	0.33	-116.21	10.88
58	130	-26.95	3.73	88.55	-2.84	24.62	-8.37
	9	26.95	-3.73	-64.93	2.84	-76.42	10.89
59	130	12.07	3.67	105.06	-0.63	50.17	-8.15
	9	-12.07	-3.67	-81.45	0.63	-113.11	10.63
60	130	-82.54	-1.22	63.07	-2.82	-41.21	2.49
	9	82.54	1.22	-39.45	2.82	6.62	-3.32
61	130	-81.47	0.62	64.10	-4.36	-27.38	-1.65
	9	81.47	-0.62	-40.48	4.36	-7.91	2.07
62	130	-81.45	-1.43	63.25	-2.74	-40.87	2.95
	9	81.45	1.43	-39.64	2.74	6.14	-3.92
63	130	-82.56	0.83	63.91	-4.44	-27.73	-2.11
	9	82.56	-0.83	-40.29	4.44	-7.44	2.67
64	130	70.32	-0.77	127.33	6.54	58.36	2.01
	9	-70.32	0.77	-103.71	-6.54	-136.33	-2.53
65	130	71.39	1.07	128.36	5.01	72.19	-2.14
	9	-71.39	-1.07	-104.74	-5.01	-150.86	2.86
66	130	71.41	-0.98	127.52	6.62	58.70	2.47
	9	-71.41	0.98	-103.90	-6.62	-136.80	-3.13
67	130	70.30	1.28	128.17	4.93	71.84	-2.60
	9	-70.30	-1.28	-104.55	-4.93	-150.39	3.46
68	130	-71.14	-0.90	67.67	-1.82	-34.01	1.88
	9	71.14	0.90	-44.05	1.82	-3.70	-2.49

	69	130	-70.07	0.94	68.70	-3.35	-20.18	-2.27
		9	70.07	-0.94	-45.08	3.35	-18.23	2.90
	70	130	-70.05	-1.11	67.86	-1.74	-33.66	2.34
		9	70.05	1.11	-44.24	1.74	-4.17	-3.09
	71	130	-71.17	1.15	68.52	-3.43	-20.52	-2.72
		9	71.17	-1.15	-44.90	3.43	-17.76	3.50
	72	130	58.92	-1.09	122.72	5.54	51.15	2.62
		9	-58.92	1.09	-99.11	-5.54	-126.02	-3.36
	73	130	59.99	0.74	123.75	4.00	64.98	-1.53
		9	-59.99	-0.74	-100.14	-4.00	-140.55	2.03
	74	130	60.02	-1.30	122.91	5.62	51.50	3.08
		9	-60.02	1.30	-99.29	-5.62	-126.49	-3.96
	75	130	58.90	0.96	123.57	3.92	64.64	-1.98
		9	-58.90	-0.96	-99.95	-3.92	-140.08	2.63
167	1	9	-3.51	0.00	-52.78	-0.75	46.21	0.05
		131	3.51	0.00	62.23	0.75	-7.39	-0.05
	2	9	-2.06	0.03	-19.31	-0.34	25.92	0.12
		131	2.06	-0.03	33.48	0.34	-8.10	-0.09
	3	9	-0.34	0.01	-4.89	-0.09	7.13	0.02
		131	0.34	-0.01	4.89	0.09	-3.82	-0.02
	4	9	-0.44	0.01	-8.35	-0.10	9.22	0.04
		131	0.44	-0.01	8.35	0.10	-3.58	-0.03
	5	9	-0.02	0.14	-0.05	-0.16	-0.80	0.43
		131	0.02	-0.14	0.05	0.16	0.83	-0.33
	6	9	0.03	-0.14	0.26	0.19	0.22	-0.43
		131	-0.03	0.14	-0.26	-0.19	-0.39	0.33
	7	9	-2.42	-0.04	-3.17	-0.55	7.15	-0.10
		131	2.42	0.04	3.17	0.55	-5.02	0.08
	8	9	2.50	0.04	3.65	0.60	-9.21	0.11
		131	-2.50	-0.04	-3.65	-0.60	6.75	-0.08
	9	9	-8.09	0.19	-107.37	-1.77	110.65	0.66
		131	8.09	-0.19	138.07	1.77	-27.81	-0.53
	10	9	-8.05	-0.06	-107.09	-1.47	111.56	-0.11
		131	8.05	0.06	137.79	1.47	-28.91	0.07
	11	9	-10.25	0.03	-110.18	-2.13	117.80	0.18
		131	10.25	-0.03	140.88	2.13	-33.07	-0.16
	12	9	-5.83	0.10	-104.04	-1.10	103.07	0.37
		131	5.83	-0.10	134.74	1.10	-22.48	-0.30
	13	9	-7.91	0.19	-106.29	-1.71	106.87	0.65
		131	7.91	-0.19	136.99	1.71	-24.76	-0.52
	14	9	-7.87	-0.07	-106.01	-1.40	107.78	-0.12
		131	7.87	0.07	136.72	1.40	-25.86	0.07
	15	9	-10.07	0.03	-109.10	-2.07	114.03	0.18
		131	10.07	-0.03	139.80	2.07	-30.02	-0.16
	16	9	-5.65	0.10	-102.96	-1.03	99.29	0.37
		131	5.65	-0.10	133.67	1.03	-19.43	-0.30
	17	9	-7.59	0.27	-100.06	-1.73	99.48	0.88
		131	7.59	-0.27	130.76	1.73	-21.58	-0.70
	18	9	-7.53	-0.16	-99.59	-1.21	101.00	-0.40

	131	7.53	0.16	130.30	1.21	-23.41	0.29
19	9	-11.20	0.00	-104.74	-2.32	111.41	0.09
	131	11.20	0.00	135.44	2.32	-30.35	-0.09
20	9	-3.82	0.11	-94.51	-0.60	86.85	0.41
	131	3.82	-0.11	125.22	0.60	-12.69	-0.33
21	9	-6.14	0.13	-81.19	-1.33	83.38	0.46
	131	6.14	-0.13	104.81	1.33	-20.61	-0.37
22	9	-6.11	-0.04	-81.01	-1.12	83.99	-0.05
	131	6.11	0.04	104.62	1.12	-21.34	0.03
23	9	-7.58	0.03	-83.06	-1.57	88.15	0.14
	131	7.58	-0.03	106.68	1.57	-24.11	-0.13
24	9	-4.63	0.07	-78.97	-0.88	78.33	0.27
	131	4.63	-0.07	102.59	0.88	-17.05	-0.22
25	9	-6.02	0.13	-80.47	-1.28	80.86	0.46
	131	6.02	-0.13	104.09	1.28	-18.57	-0.37
26	9	-5.99	-0.04	-80.29	-1.08	81.47	-0.06
	131	5.99	0.04	103.91	1.08	-19.31	0.03
27	9	-7.46	0.02	-82.34	-1.52	85.63	0.14
	131	7.46	-0.02	105.96	1.52	-22.08	-0.12
28	9	-4.51	0.07	-78.25	-0.83	75.81	0.27
	131	4.51	-0.07	101.87	0.83	-15.02	-0.22
29	9	-5.81	0.19	-76.32	-1.30	75.94	0.61
	131	5.81	-0.19	99.94	1.30	-16.45	-0.48
30	9	-5.76	-0.10	-76.01	-0.96	76.95	-0.24
	131	5.76	0.10	99.63	0.96	-17.67	0.17
31	9	-8.21	0.00	-79.44	-1.69	83.89	0.08
	131	8.21	0.00	103.06	1.69	-22.30	-0.08
32	9	-3.29	0.08	-72.62	-0.55	67.52	0.29
	131	3.29	-0.08	96.24	0.55	-10.53	-0.24
33	9	-5.57	0.04	-72.10	-1.09	72.12	0.17
	131	5.57	-0.04	95.71	1.09	-15.49	-0.14
34	9	-5.65	0.04	-73.76	-1.11	73.97	0.17
	131	5.65	-0.04	97.38	1.11	-16.20	-0.15
35	9	-5.57	0.07	-72.11	-1.12	71.96	0.25
	131	5.57	-0.07	95.72	1.12	-15.32	-0.21
36	9	-5.56	0.01	-72.04	-1.05	72.17	0.08
	131	5.56	-0.01	95.66	1.05	-15.57	-0.07
37	9	-6.05	0.03	-72.73	-1.20	73.55	0.14
	131	6.05	-0.03	96.35	1.20	-16.49	-0.12
38	9	-5.07	0.04	-71.37	-0.97	70.28	0.19
	131	5.07	-0.04	94.98	0.97	-14.14	-0.16
39	9	-5.57	0.04	-72.10	-1.09	72.12	0.17
	131	5.57	-0.04	95.71	1.09	-15.49	-0.14
40	9	-1.10	3.57	1.10	-2.83	-22.66	10.53
	131	1.10	-3.57	-1.10	2.83	21.92	-8.12
41	9	0.14	2.90	1.72	-2.56	-24.22	8.58
	131	-0.14	-2.90	-1.72	2.56	23.06	-6.62
42	9	-22.96	0.09	-32.09	-4.64	71.75	0.13
	131	22.96	-0.09	32.09	4.64	-50.09	-0.07
43	9	-19.36	0.30	-27.49	-3.64	61.37	0.78

	131	19.36	-0.30	27.49	3.64	-42.82	-0.58
44	9	-13.56	3.63	-80.62	-5.31	70.98	10.74
	131	13.56	-3.63	104.24	5.31	-8.59	-8.29
45	9	0.22	3.58	-61.37	-2.53	27.93	10.66
	131	-0.22	-3.58	84.99	2.53	21.46	-8.24
46	9	-12.48	3.69	-79.24	-5.01	67.87	10.93
	131	12.48	-3.69	102.86	5.01	-6.41	-8.44
47	9	-0.86	3.52	-62.75	-2.83	31.05	10.46
	131	0.86	-3.52	86.37	2.83	19.28	-8.09
48	9	-11.35	-3.50	-82.82	0.35	116.31	-10.33
	131	11.35	3.50	106.44	-0.35	-52.44	7.96
49	9	2.42	-3.56	-63.57	3.13	73.26	-10.41
	131	-2.42	3.56	87.19	-3.13	-22.38	8.00
50	9	-10.27	-3.44	-81.44	0.65	113.20	-10.13
	131	10.27	3.44	105.06	-0.65	-50.26	7.81
51	9	1.34	-3.62	-64.95	2.83	76.38	-10.60
	131	-1.34	3.62	88.57	-2.83	-24.56	8.16
52	9	-12.31	2.96	-80.00	-5.04	69.43	8.78
	131	12.31	-2.96	103.62	5.04	-7.46	-6.78
53	9	1.46	2.91	-60.75	-2.26	26.38	8.70
	131	-1.46	-2.91	84.37	2.26	22.60	-6.74
54	9	-11.23	3.03	-78.62	-4.74	66.32	8.98
	131	11.23	-3.03	102.24	4.74	-5.28	-6.94
55	9	0.38	2.85	-62.13	-2.56	29.49	8.51
	131	-0.38	-2.85	85.75	2.56	20.42	-6.59
56	9	-12.60	-2.84	-83.44	0.07	117.87	-8.37
	131	12.60	2.84	107.06	-0.07	-53.57	6.46
57	9	1.18	-2.89	-64.19	2.86	74.82	-8.45
	131	-1.18	2.89	87.81	-2.86	-23.52	6.50
58	9	-11.52	-2.77	-82.06	0.37	114.76	-8.18
	131	11.52	2.77	105.68	-0.37	-51.39	6.30
59	9	0.10	-2.95	-65.57	2.56	77.93	-8.65
	131	-0.10	2.95	89.19	-2.56	-25.70	6.65
60	9	-28.86	1.20	-103.85	-6.58	137.08	3.46
	131	28.86	-1.20	127.47	6.58	-59.00	-2.65
61	9	-28.20	-0.94	-104.51	-4.88	150.67	-2.86
	131	28.20	0.94	128.13	4.88	-72.16	2.22
62	9	-28.48	1.00	-103.67	-6.49	136.61	2.87
	131	28.48	-1.00	127.28	6.49	-58.66	-2.20
63	9	-28.57	-0.74	-104.70	-4.96	151.14	-2.27
	131	28.57	0.74	128.32	4.96	-72.50	1.77
64	9	17.06	1.02	-39.68	2.70	-6.43	3.19
	131	-17.06	-1.02	63.30	-2.70	41.18	-2.51
65	9	17.72	-1.13	-40.34	4.39	7.17	-3.13
	131	-17.72	1.13	63.96	-4.39	28.03	2.37
66	9	17.44	0.82	-39.49	2.78	-6.89	2.61
	131	-17.44	-0.82	63.11	-2.78	41.52	-2.05
67	9	17.35	-0.92	-40.52	4.31	7.64	-2.54
	131	-17.35	0.92	64.14	-4.31	27.69	1.92
68	9	-25.26	1.40	-99.25	-5.58	126.70	4.11

		131	25.26	-1.40	122.87	5.58	-51.73	-3.16
69		9	-24.60	-0.74	-99.91	-3.88	140.30	-2.21
		131	24.60	0.74	123.53	3.88	-64.88	1.71
70		9	-24.89	1.20	-99.06	-5.50	126.23	3.52
		131	24.89	-1.20	122.68	5.50	-51.39	-2.71
71		9	-24.97	-0.54	-100.10	-3.96	140.76	-1.62
		131	24.97	0.54	123.72	3.96	-65.23	1.26
72		9	13.47	0.81	-44.28	1.70	3.95	2.54
		131	-13.47	-0.81	67.90	-1.70	33.91	-1.99
73		9	14.13	-1.33	-44.94	3.40	17.55	-3.78
		131	-14.13	1.33	68.56	-3.40	20.76	2.88
74		9	13.84	0.61	-44.09	1.78	3.48	1.95
		131	-13.84	-0.61	67.71	-1.78	34.25	-1.54
75		9	13.75	-1.13	-45.13	3.32	18.02	-3.19
		131	-13.75	1.13	68.74	-3.32	20.41	2.43
168	1	131	-3.51	0.00	-28.87	-0.75	7.39	0.05
		132	3.51	0.00	44.27	0.75	32.83	-0.04
2		131	-2.06	0.03	-3.66	-0.34	8.10	0.09
		132	2.06	-0.03	26.75	0.34	8.63	-0.06
3		131	-0.34	0.01	-3.48	-0.09	3.82	0.02
		132	0.34	-0.01	3.48	0.09	0.01	-0.01
4		131	-0.44	0.01	-5.73	-0.10	3.58	0.03
		132	0.44	-0.01	5.73	0.10	2.72	-0.02
5		131	-0.02	0.14	0.01	-0.16	-0.83	0.33
		132	0.02	-0.14	-0.01	0.16	0.81	-0.17
6		131	0.03	-0.14	0.16	0.19	0.39	-0.33
		132	-0.03	0.14	-0.16	-0.19	-0.57	0.17
7		131	-2.42	-0.04	-3.11	-0.55	5.02	-0.08
		132	2.42	0.04	3.11	0.55	-1.60	0.04
8		131	2.50	0.04	3.55	0.60	-6.75	0.08
		132	-2.50	-0.04	-3.55	-0.60	2.85	-0.04
9		131	-8.09	0.19	-51.80	-1.77	27.81	0.53
		132	8.09	-0.19	101.84	1.77	56.69	-0.31
10		131	-8.05	-0.06	-51.67	-1.47	28.91	-0.07
		132	8.05	0.06	101.70	1.47	55.44	-0.01
11		131	-10.25	0.03	-54.61	-2.13	33.07	0.16
		132	10.25	-0.03	104.65	2.13	54.52	-0.13
12		131	-5.83	0.10	-48.62	-1.10	22.48	0.30
		132	5.83	-0.10	98.65	1.10	58.52	-0.19
13		131	-7.91	0.19	-50.87	-1.71	24.76	0.52
		132	7.91	-0.19	100.91	1.71	58.72	-0.31
14		131	-7.87	-0.07	-50.74	-1.40	25.86	-0.07
		132	7.87	0.07	100.77	1.40	57.47	0.00
15		131	-10.07	0.03	-53.68	-2.07	30.02	0.16
		132	10.07	-0.03	103.72	2.07	56.55	-0.12
16		131	-5.65	0.10	-47.69	-1.03	19.43	0.30
		132	5.65	-0.10	97.73	1.03	60.55	-0.19
17		131	-7.59	0.27	-46.56	-1.73	21.58	0.70
		132	7.59	-0.27	96.60	1.73	57.16	-0.40

18	131	-7.53	-0.16	-46.34	-1.21	23.41	-0.29
	132	7.53	0.16	96.38	1.21	55.09	0.11
19	131	-11.20	0.00	-51.25	-2.32	30.35	0.09
	132	11.20	0.00	101.28	2.32	53.55	-0.09
20	131	-3.82	0.11	-41.26	-0.60	12.69	0.33
	132	3.82	-0.11	91.30	0.60	60.21	-0.20
21	131	-6.14	0.13	-38.87	-1.33	20.61	0.37
	132	6.14	-0.13	77.36	1.33	43.32	-0.22
22	131	-6.11	-0.04	-38.78	-1.12	21.34	-0.03
	132	6.11	0.04	77.27	1.12	42.49	-0.02
23	131	-7.58	0.03	-40.74	-1.57	24.11	0.13
	132	7.58	-0.03	79.23	1.57	41.87	-0.10
24	131	-4.63	0.07	-36.75	-0.88	17.05	0.22
	132	4.63	-0.07	75.24	0.88	44.54	-0.14
25	131	-6.02	0.13	-38.25	-1.28	18.57	0.37
	132	6.02	-0.13	76.74	1.28	44.67	-0.22
26	131	-5.99	-0.04	-38.16	-1.08	19.31	-0.03
	132	5.99	0.04	76.65	1.08	43.84	-0.01
27	131	-7.46	0.02	-40.13	-1.52	22.08	0.12
	132	7.46	-0.02	78.61	1.52	43.23	-0.10
28	131	-4.51	0.07	-36.13	-0.83	15.02	0.22
	132	4.51	-0.07	74.62	0.83	45.89	-0.14
29	131	-5.81	0.19	-35.38	-1.30	16.45	0.48
	132	5.81	-0.19	73.87	1.30	43.64	-0.28
30	131	-5.76	-0.10	-35.23	-0.96	17.67	-0.17
	132	5.76	0.10	73.72	0.96	42.25	0.06
31	131	-8.21	0.00	-38.50	-1.69	22.30	0.08
	132	8.21	0.00	76.99	1.69	41.23	-0.07
32	131	-3.29	0.08	-31.85	-0.55	10.53	0.24
	132	3.29	-0.08	70.33	0.55	45.67	-0.15
33	131	-5.57	0.04	-32.53	-1.09	15.49	0.14
	132	5.57	-0.04	71.02	1.09	41.46	-0.10
34	131	-5.65	0.04	-33.68	-1.11	16.20	0.15
	132	5.65	-0.04	72.16	1.11	42.01	-0.10
35	131	-5.57	0.07	-32.53	-1.12	15.32	0.21
	132	5.57	-0.07	71.01	1.12	41.63	-0.13
36	131	-5.56	0.01	-32.50	-1.05	15.57	0.07
	132	5.56	-0.01	70.99	1.05	41.35	-0.07
37	131	-6.05	0.03	-33.15	-1.20	16.49	0.12
	132	6.05	-0.03	71.64	1.20	41.14	-0.09
38	131	-5.07	0.04	-31.82	-0.97	14.14	0.16
	132	5.07	-0.04	70.31	0.97	42.03	-0.11
39	131	-5.57	0.04	-32.53	-1.09	15.49	0.14
	132	5.57	-0.04	71.02	1.09	41.46	-0.10
40	131	-1.10	3.57	2.18	-2.83	-21.92	8.12
	132	1.10	-3.57	-2.18	2.83	19.52	-4.20
41	131	0.14	2.90	2.77	-2.56	-23.06	6.62
	132	-0.14	-2.90	-2.77	2.56	20.01	-3.43
42	131	-22.96	0.09	-31.12	-4.64	50.09	0.07
	132	22.96	-0.09	31.12	4.64	-15.87	0.03

43	131	-19.36	0.30	-26.65	-3.64	42.82	0.58
	132	19.36	-0.30	26.65	3.64	-13.51	-0.26
44	131	-13.56	3.63	-39.68	-5.31	8.59	8.29
	132	13.56	-3.63	78.17	5.31	56.22	-4.29
45	131	0.22	3.58	-21.01	-2.53	-21.46	8.24
	132	-0.22	-3.58	59.50	2.53	65.74	-4.31
46	131	-12.48	3.69	-38.34	-5.01	6.41	8.44
	132	12.48	-3.69	76.83	5.01	56.93	-4.38
47	131	-0.86	3.52	-22.35	-2.83	-19.28	8.09
	132	0.86	-3.52	60.84	2.83	65.03	-4.22
48	131	-11.35	-3.50	-44.05	0.35	52.44	-7.96
	132	11.35	3.50	82.54	-0.35	17.18	4.11
49	131	2.42	-3.56	-25.38	3.13	22.38	-8.00
	132	-2.42	3.56	63.87	-3.13	26.70	4.09
50	131	-10.27	-3.44	-42.71	0.65	50.26	-7.81
	132	10.27	3.44	81.20	-0.65	17.89	4.02
51	131	1.34	-3.62	-26.72	2.83	24.56	-8.16
	132	-1.34	3.62	65.21	-2.83	26.00	4.18
52	131	-12.31	2.96	-39.09	-5.04	7.46	6.78
	132	12.31	-2.96	77.58	5.04	56.71	-3.52
53	131	1.46	2.91	-20.42	-2.26	-22.60	6.74
	132	-1.46	-2.91	58.91	2.26	66.23	-3.54
54	131	-11.23	3.03	-37.75	-4.74	5.28	6.94
	132	11.23	-3.03	76.24	4.74	57.42	-3.61
55	131	0.38	2.85	-21.76	-2.56	-20.42	6.59
	132	-0.38	-2.85	60.25	2.56	65.52	-3.45
56	131	-12.60	-2.84	-44.64	0.07	53.57	-6.46
	132	12.60	2.84	83.12	-0.07	16.69	3.34
57	131	1.18	-2.89	-25.97	2.86	23.52	-6.50
	132	-1.18	2.89	64.46	-2.86	26.21	3.32
58	131	-11.52	-2.77	-43.29	0.37	51.39	-6.30
	132	11.52	2.77	81.78	-0.37	17.40	3.25
59	131	0.10	-2.95	-27.31	2.56	25.70	-6.65
	132	-0.10	2.95	65.80	-2.56	25.51	3.41
60	131	-28.86	1.20	-62.99	-6.58	59.00	2.65
	132	28.86	-1.20	101.48	6.58	31.45	-1.33
61	131	-28.20	-0.94	-64.30	-4.88	72.16	-2.22
	132	28.20	0.94	102.79	4.88	19.74	1.19
62	131	-28.48	1.00	-62.81	-6.49	58.66	2.20
	132	28.48	-1.00	101.30	6.49	31.60	-1.10
63	131	-28.57	-0.74	-64.48	-4.96	72.50	-1.77
	132	28.57	0.74	102.97	4.96	19.59	0.96
64	131	17.06	1.02	-0.76	2.70	-41.18	2.51
	132	-17.06	-1.02	39.25	-2.70	63.18	-1.39
65	131	17.72	-1.13	-2.07	4.39	-28.03	-2.37
	132	-17.72	1.13	40.56	-4.39	51.47	1.13
66	131	17.44	0.82	-0.58	2.78	-41.52	2.05
	132	-17.44	-0.82	39.07	-2.78	63.33	-1.16
67	131	17.35	-0.92	-2.24	4.31	-27.69	-1.92
	132	-17.35	0.92	40.73	-4.31	51.33	0.90

	68	131	-25.26	1.40	-58.52	-5.58	51.73	3.16
		132	25.26	-1.40	97.01	5.58	33.81	-1.62
	69	131	-24.60	-0.74	-59.83	-3.88	64.88	-1.71
		132	24.60	0.74	98.32	3.88	22.10	0.90
	70	131	-24.89	1.20	-58.34	-5.50	51.39	2.71
		132	24.89	-1.20	96.83	5.50	33.96	-1.39
	71	131	-24.97	-0.54	-60.01	-3.96	65.23	-1.26
		132	24.97	0.54	98.50	3.96	21.95	0.67
	72	131	13.47	0.81	-5.23	1.70	-33.91	1.99
		132	-13.47	-0.81	43.72	-1.70	60.83	-1.10
	73	131	14.13	-1.33	-6.54	3.40	-20.76	-2.88
		132	-14.13	1.33	45.03	-3.40	49.12	1.42
	74	131	13.84	0.61	-5.05	1.78	-34.25	1.54
		132	-13.84	-0.61	43.54	-1.78	60.98	-0.87
	75	131	13.75	-1.13	-6.71	3.32	-20.41	-2.43
		132	-13.75	1.13	45.20	-3.32	48.97	1.19
169	1	132	-3.51	0.00	-10.96	-0.75	-32.83	0.04
		133	3.51	0.00	26.36	0.75	53.36	-0.04
	2	132	-2.06	0.03	3.00	-0.34	-8.63	0.06
		133	2.06	-0.03	20.09	0.34	18.02	-0.02
	3	132	-0.34	0.01	-2.10	-0.09	-0.01	0.01
		133	0.34	-0.01	2.10	0.09	2.32	0.00
	4	132	-0.44	0.01	-3.14	-0.10	-2.72	0.02
		133	0.44	-0.01	3.14	0.10	6.17	-0.01
	5	132	-0.02	0.14	0.08	-0.16	-0.81	0.17
		133	0.02	-0.14	-0.08	0.16	0.72	-0.01
	6	132	0.03	-0.14	0.06	0.19	0.57	-0.17
		133	-0.03	0.14	-0.06	-0.19	-0.64	0.01
	7	132	-2.42	-0.04	-2.93	-0.55	1.60	-0.04
		133	2.42	0.04	2.93	0.55	1.63	0.00
	8	132	2.50	0.04	3.34	0.60	-2.85	0.04
		133	-2.50	-0.04	-3.34	-0.60	-0.83	0.00
	9	132	-8.09	0.19	-15.77	-1.77	-56.69	0.31
		133	8.09	-0.19	65.81	1.77	101.56	-0.10
	10	132	-8.05	-0.06	-15.79	-1.47	-55.44	0.01
		133	8.05	0.06	65.83	1.47	100.33	-0.08
	11	132	-10.25	0.03	-18.49	-2.13	-54.52	0.13
		133	10.25	-0.03	68.53	2.13	102.38	-0.09
	12	132	-5.83	0.10	-12.84	-1.10	-58.52	0.19
		133	5.83	-0.10	62.87	1.10	100.16	-0.08
	13	132	-7.91	0.19	-14.98	-1.71	-58.72	0.31
		133	7.91	-0.19	65.02	1.71	102.72	-0.10
	14	132	-7.87	-0.07	-15.00	-1.40	-57.47	0.00
		133	7.87	0.07	65.03	1.40	101.49	-0.08
	15	132	-10.07	0.03	-17.70	-2.07	-56.55	0.12
		133	10.07	-0.03	67.73	2.07	103.53	-0.09
	16	132	-5.65	0.10	-12.05	-1.03	-60.55	0.19
		133	5.65	-0.10	62.08	1.03	101.32	-0.08
	17	132	-7.59	0.27	-12.58	-1.73	-57.16	0.40

	133	7.59	-0.27	62.62	1.73	98.52	-0.10
18	132	-7.53	-0.16	-12.61	-1.21	-55.09	-0.11
	133	7.53	0.16	62.64	1.21	96.47	-0.06
19	132	-11.20	0.00	-17.10	-2.32	-53.55	0.09
	133	11.20	0.00	67.14	2.32	99.88	-0.09
20	132	-3.82	0.11	-7.69	-0.60	-60.21	0.20
	133	3.82	-0.11	57.72	0.60	96.19	-0.08
21	132	-6.14	0.13	-11.58	-1.33	-43.32	0.22
	133	6.14	-0.13	50.07	1.33	77.23	-0.07
22	132	-6.11	-0.04	-11.59	-1.12	-42.49	0.02
	133	6.11	0.04	50.08	1.12	76.41	-0.06
23	132	-7.58	0.03	-13.39	-1.57	-41.87	0.10
	133	7.58	-0.03	51.88	1.57	77.77	-0.07
24	132	-4.63	0.07	-9.62	-0.88	-44.54	0.14
	133	4.63	-0.07	48.11	0.88	76.29	-0.06
25	132	-6.02	0.13	-11.05	-1.28	-44.67	0.22
	133	6.02	-0.13	49.54	1.28	78.00	-0.07
26	132	-5.99	-0.04	-11.06	-1.08	-43.84	0.01
	133	5.99	0.04	49.55	1.08	77.18	-0.06
27	132	-7.46	0.02	-12.86	-1.52	-43.23	0.10
	133	7.46	-0.02	51.35	1.52	78.54	-0.07
28	132	-4.51	0.07	-9.09	-0.83	-45.89	0.14
	133	4.51	-0.07	47.58	0.83	77.06	-0.06
29	132	-5.81	0.19	-9.45	-1.30	-43.64	0.28
	133	5.81	-0.19	47.94	1.30	75.20	-0.08
30	132	-5.76	-0.10	-9.47	-0.96	-42.25	-0.06
	133	5.76	0.10	47.96	0.96	73.83	-0.05
31	132	-8.21	0.00	-12.46	-1.69	-41.23	0.07
	133	8.21	0.00	50.95	1.69	76.11	-0.07
32	132	-3.29	0.08	-6.19	-0.55	-45.67	0.15
	133	3.29	-0.08	44.67	0.55	73.64	-0.06
33	132	-5.57	0.04	-7.96	-1.09	-41.46	0.10
	133	5.57	-0.04	46.45	1.09	71.39	-0.06
34	132	-5.65	0.04	-8.59	-1.11	-42.01	0.10
	133	5.65	-0.04	47.08	1.11	72.62	-0.06
35	132	-5.57	0.07	-7.94	-1.12	-41.63	0.13
	133	5.57	-0.07	46.43	1.12	71.53	-0.06
36	132	-5.56	0.01	-7.95	-1.05	-41.35	0.07
	133	5.56	-0.01	46.44	1.05	71.26	-0.06
37	132	-6.05	0.03	-8.55	-1.20	-41.14	0.09
	133	6.05	-0.03	47.04	1.20	71.72	-0.06
38	132	-5.07	0.04	-7.29	-0.97	-42.03	0.11
	133	5.07	-0.04	45.78	0.97	71.22	-0.06
39	132	-5.57	0.04	-7.96	-1.09	-41.46	0.10
	133	5.57	-0.04	46.45	1.09	71.39	-0.06
40	132	-1.10	3.57	3.41	-2.83	-19.52	4.20
	133	1.10	-3.57	-3.41	2.83	15.76	-0.27
41	132	0.14	2.90	3.91	-2.56	-20.01	3.43
	133	-0.14	-2.90	-3.91	2.56	15.70	-0.24
42	132	-22.96	0.09	-28.74	-4.64	15.87	-0.03

	133	22.96	-0.09	28.74	4.64	15.75	0.13
43	132	-19.36	0.30	-24.59	-3.64	13.51	0.26
	133	19.36	-0.30	24.59	3.64	13.54	0.07
44	132	-13.56	3.63	-13.17	-5.31	-56.22	4.29
	133	13.56	-3.63	51.66	5.31	91.88	-0.30
45	132	0.22	3.58	4.07	-2.53	-65.74	4.31
	133	-0.22	-3.58	34.42	2.53	82.43	-0.37
46	132	-12.48	3.69	-11.93	-5.01	-56.93	4.38
	133	12.48	-3.69	50.41	5.01	91.21	-0.31
47	132	-0.86	3.52	2.83	-2.83	-65.03	4.22
	133	0.86	-3.52	35.66	2.83	83.09	-0.36
48	132	-11.35	-3.50	-20.00	0.35	-17.18	-4.11
	133	11.35	3.50	58.48	-0.35	60.35	0.25
49	132	2.42	-3.56	-2.75	3.13	-26.70	-4.09
	133	-2.42	3.56	41.24	-3.13	50.90	0.18
50	132	-10.27	-3.44	-18.75	0.65	-17.89	-4.02
	133	10.27	3.44	57.24	-0.65	59.69	0.24
51	132	1.34	-3.62	-4.00	2.83	-26.00	-4.18
	133	-1.34	3.62	42.49	-2.83	51.56	0.19
52	132	-12.31	2.96	-12.67	-5.04	-56.71	3.52
	133	12.31	-2.96	51.16	5.04	91.82	-0.26
53	132	1.46	2.91	4.57	-2.26	-66.23	3.54
	133	-1.46	-2.91	33.92	2.26	82.37	-0.34
54	132	-11.23	3.03	-11.42	-4.74	-57.42	3.61
	133	11.23	-3.03	49.91	4.74	91.15	-0.28
55	132	0.38	2.85	3.33	-2.56	-65.52	3.45
	133	-0.38	-2.85	35.16	2.56	83.03	-0.32
56	132	-12.60	-2.84	-20.50	0.07	-16.69	-3.34
	133	12.60	2.84	58.98	-0.07	60.41	0.22
57	132	1.18	-2.89	-3.25	2.86	-26.21	-3.32
	133	-1.18	2.89	41.74	-2.86	50.96	0.14
58	132	-11.52	-2.77	-19.25	0.37	-17.40	-3.25
	133	11.52	2.77	57.74	-0.37	59.75	0.20
59	132	0.10	-2.95	-4.50	2.56	-25.51	-3.41
	133	-0.10	2.95	42.99	-2.56	51.62	0.16
60	132	-28.86	1.20	-35.68	-6.58	-31.45	1.33
	133	28.86	-1.20	74.16	6.58	91.86	-0.01
61	132	-28.20	-0.94	-37.72	-4.88	-19.74	-1.19
	133	28.20	0.94	76.21	4.88	82.41	0.15
62	132	-28.48	1.00	-35.53	-6.49	-31.60	1.10
	133	28.48	-1.00	74.01	6.49	91.85	0.00
63	132	-28.57	-0.74	-37.87	-4.96	-19.59	-0.96
	133	28.57	0.74	76.36	4.96	82.42	0.14
64	132	17.06	1.02	21.80	2.70	-63.18	1.39
	133	-17.06	-1.02	16.69	-2.70	60.37	-0.27
65	132	17.72	-1.13	19.75	4.39	-51.47	-1.13
	133	-17.72	1.13	18.74	-4.39	50.91	-0.11
66	132	17.44	0.82	21.95	2.78	-63.33	1.16
	133	-17.44	-0.82	16.54	-2.78	60.35	-0.26
67	132	17.35	-0.92	19.60	4.31	-51.33	-0.90

		133	-17.35	0.92	18.89	-4.31	50.93	-0.12
68		132	-25.26	1.40	-31.53	-5.58	-33.81	1.62
		133	25.26	-1.40	70.01	5.58	89.66	-0.07
69		132	-24.60	-0.74	-33.57	-3.88	-22.10	-0.90
		133	24.60	0.74	72.06	3.88	80.20	0.09
70		132	-24.89	1.20	-31.38	-5.50	-33.96	1.39
		133	24.89	-1.20	69.86	5.50	89.64	-0.06
71		132	-24.97	-0.54	-33.72	-3.96	-21.95	-0.67
		133	24.97	0.54	72.21	3.96	80.21	0.08
72		132	13.47	0.81	17.65	1.70	-60.83	1.10
		133	-13.47	-0.81	20.84	-1.70	62.58	-0.21
73		132	14.13	-1.33	15.60	3.40	-49.12	-1.42
		133	-14.13	1.33	22.89	-3.40	53.12	-0.05
74		132	13.84	0.61	17.80	1.78	-60.98	0.87
		133	-13.84	-0.61	20.69	-1.78	62.56	-0.20
75		132	13.75	-1.13	15.45	3.32	-48.97	-1.19
		133	-13.75	1.13	23.04	-3.32	53.14	-0.06
170	1	133	-3.51	0.00	7.00	-0.75	-53.36	0.04
		134	3.51	0.00	8.40	0.75	54.13	-0.04
2		133	-2.06	0.03	9.63	-0.34	-18.02	0.02
		134	2.06	-0.03	13.46	0.34	20.13	0.02
3		133	-0.34	0.01	-0.73	-0.09	-2.32	0.00
		134	0.34	-0.01	0.73	0.09	3.12	0.00
4		133	-0.44	0.01	-0.55	-0.10	-6.17	0.01
		134	0.44	-0.01	0.55	0.10	6.78	0.01
5		133	-0.02	0.14	0.16	-0.16	-0.72	0.01
		134	0.02	-0.14	-0.16	0.16	0.55	0.15
6		133	0.03	-0.14	-0.04	0.19	0.64	-0.01
		134	-0.03	0.14	0.04	-0.19	-0.60	-0.15
7		133	-2.42	-0.04	-2.65	-0.55	-1.63	0.00
		134	2.42	0.04	2.65	0.55	4.55	-0.04
8		133	2.50	0.04	3.05	0.60	0.83	0.00
		134	-2.50	-0.04	-3.05	-0.60	-4.19	0.05
9		133	-8.09	0.19	20.25	-1.77	-101.56	0.10
		134	8.09	-0.19	29.79	1.77	106.81	0.11
10		133	-8.05	-0.06	20.07	-1.47	-100.33	0.08
		134	8.05	0.06	29.96	1.47	105.77	-0.15
11		133	-10.25	0.03	17.72	-2.13	-102.38	0.09
		134	10.25	-0.03	32.32	2.13	110.41	-0.06
12		133	-5.83	0.10	22.85	-1.10	-100.16	0.08
		134	5.83	-0.10	27.18	1.10	102.54	0.03
13		133	-7.91	0.19	20.93	-1.71	-102.72	0.10
		134	7.91	-0.19	29.10	1.71	107.21	0.11
14		133	-7.87	-0.07	20.76	-1.40	-101.49	0.08
		134	7.87	0.07	29.28	1.40	106.18	-0.15
15		133	-10.07	0.03	18.40	-2.07	-103.53	0.09
		134	10.07	-0.03	31.63	2.07	110.81	-0.06
16		133	-5.65	0.10	23.54	-1.03	-101.32	0.08
		134	5.65	-0.10	26.50	1.03	102.95	0.02

17	133	-7.59	0.27	21.44	-1.73	-98.52	0.10
	134	7.59	-0.27	28.59	1.73	102.45	0.20
18	133	-7.53	-0.16	21.15	-1.21	-96.47	0.06
	134	7.53	0.16	28.89	1.21	100.73	-0.24
19	133	-11.20	0.00	17.22	-2.32	-99.88	0.09
	134	11.20	0.00	32.81	2.32	108.45	-0.09
20	133	-3.82	0.11	25.78	-0.60	-96.19	0.08
	134	3.82	-0.11	24.26	0.60	95.35	0.05
21	133	-6.14	0.13	15.72	-1.33	-77.23	0.07
	134	6.14	-0.13	22.77	1.33	81.10	0.07
22	133	-6.11	-0.04	15.60	-1.12	-76.41	0.06
	134	6.11	0.04	22.89	1.12	80.42	-0.10
23	133	-7.58	0.03	14.03	-1.57	-77.77	0.07
	134	7.58	-0.03	24.46	1.57	83.51	-0.04
24	133	-4.63	0.07	17.45	-0.88	-76.29	0.06
	134	4.63	-0.07	21.04	0.88	78.26	0.01
25	133	-6.02	0.13	16.17	-1.28	-78.00	0.07
	134	6.02	-0.13	22.32	1.28	81.37	0.07
26	133	-5.99	-0.04	16.05	-1.08	-77.18	0.06
	134	5.99	0.04	22.43	1.08	80.69	-0.10
27	133	-7.46	0.02	14.49	-1.52	-78.54	0.07
	134	7.46	-0.02	24.00	1.52	83.78	-0.04
28	133	-4.51	0.07	17.91	-0.83	-77.06	0.06
	134	4.51	-0.07	20.58	0.83	78.53	0.01
29	133	-5.81	0.19	16.51	-1.30	-75.20	0.08
	134	5.81	-0.19	21.98	1.30	78.20	0.13
30	133	-5.76	-0.10	16.32	-0.96	-73.83	0.05
	134	5.76	0.10	22.17	0.96	77.06	-0.16
31	133	-8.21	0.00	13.70	-1.69	-76.11	0.07
	134	8.21	0.00	24.79	1.69	82.20	-0.06
32	133	-3.29	0.08	19.40	-0.55	-73.64	0.06
	134	3.29	-0.08	19.08	0.55	73.47	0.03
33	133	-5.57	0.04	16.63	-1.09	-71.39	0.06
	134	5.57	-0.04	21.86	1.09	74.26	-0.02
34	133	-5.65	0.04	16.52	-1.11	-72.62	0.06
	134	5.65	-0.04	21.97	1.11	75.62	-0.02
35	133	-5.57	0.07	16.66	-1.12	-71.53	0.06
	134	5.57	-0.07	21.82	1.12	74.37	0.01
36	133	-5.56	0.01	16.62	-1.05	-71.26	0.06
	134	5.56	-0.01	21.86	1.05	74.14	-0.05
37	133	-6.05	0.03	16.10	-1.20	-71.72	0.06
	134	6.05	-0.03	22.39	1.20	75.17	-0.03
38	133	-5.07	0.04	17.24	-0.97	-71.22	0.06
	134	5.07	-0.04	21.25	0.97	73.42	-0.01
39	133	-5.57	0.04	16.63	-1.09	-71.39	0.06
	134	5.57	-0.04	21.86	1.09	74.26	-0.02
40	133	-1.10	3.57	4.87	-2.83	-15.76	0.27
	134	1.10	-3.57	-4.87	2.83	10.41	3.65
41	133	0.14	2.90	5.23	-2.56	-15.70	0.24
	134	-0.14	-2.90	-5.23	2.56	9.95	2.95

42	133	-22.96	0.09	-25.03	-4.64	-15.75	-0.13
	134	22.96	-0.09	25.03	4.64	43.28	0.23
43	133	-19.36	0.30	-21.38	-3.64	-13.54	-0.07
	134	19.36	-0.30	21.38	3.64	37.05	0.40
44	133	-13.56	3.63	13.99	-5.31	-91.88	0.30
	134	13.56	-3.63	24.49	5.31	97.65	3.70
45	133	0.22	3.58	29.01	-2.53	-82.43	0.37
	134	-0.22	-3.58	9.48	2.53	71.68	3.56
46	133	-12.48	3.69	15.09	-5.01	-91.21	0.31
	134	12.48	-3.69	23.40	5.01	95.78	3.75
47	133	-0.86	3.52	27.92	-2.83	-83.09	0.36
	134	0.86	-3.52	10.57	2.83	73.55	3.51
48	133	-11.35	-3.50	4.25	0.35	-60.35	-0.25
	134	11.35	3.50	34.24	-0.35	76.84	-3.60
49	133	2.42	-3.56	19.27	3.13	-50.90	-0.18
	134	-2.42	3.56	19.22	-3.13	50.87	-3.74
50	133	-10.27	-3.44	5.35	0.65	-59.69	-0.24
	134	10.27	3.44	33.14	-0.65	74.97	-3.55
51	133	1.34	-3.62	18.18	2.83	-51.56	-0.19
	134	-1.34	3.62	20.31	-2.83	52.74	-3.79
52	133	-12.31	2.96	14.36	-5.04	-91.82	0.26
	134	12.31	-2.96	24.13	5.04	97.19	3.00
53	133	1.46	2.91	29.38	-2.26	-82.37	0.34
	134	-1.46	-2.91	9.11	2.26	71.22	2.86
54	133	-11.23	3.03	15.45	-4.74	-91.15	0.28
	134	11.23	-3.03	23.04	4.74	95.32	3.05
55	133	0.38	2.85	28.28	-2.56	-83.03	0.32
	134	-0.38	-2.85	10.21	2.56	73.09	2.81
56	133	-12.60	-2.84	3.89	0.07	-60.41	-0.22
	134	12.60	2.84	34.60	-0.07	77.30	-2.90
57	133	1.18	-2.89	18.91	2.86	-50.96	-0.14
	134	-1.18	2.89	19.58	-2.86	51.33	-3.04
58	133	-11.52	-2.77	4.99	0.37	-59.75	-0.20
	134	11.52	2.77	33.50	-0.37	75.43	-2.85
59	133	0.10	-2.95	17.81	2.56	-51.62	-0.16
	134	-0.10	2.95	20.68	-2.56	53.20	-3.09
60	133	-28.86	1.20	-6.94	-6.58	-91.86	0.01
	134	28.86	-1.20	45.43	6.58	120.66	1.30
61	133	-28.20	-0.94	-9.86	-4.88	-82.41	-0.15
	134	28.20	0.94	48.35	4.88	114.42	-0.89
62	133	-28.48	1.00	-6.83	-6.49	-91.85	0.00
	134	28.48	-1.00	45.32	6.49	120.53	1.09
63	133	-28.57	-0.74	-9.97	-4.96	-82.42	-0.14
	134	28.57	0.74	48.46	4.96	114.56	-0.67
64	133	17.06	1.02	43.12	2.70	-60.37	0.27
	134	-17.06	-1.02	-4.64	-2.70	34.10	0.85
65	133	17.72	-1.13	40.20	4.39	-50.91	0.11
	134	-17.72	1.13	-1.71	-4.39	27.86	-1.34
66	133	17.44	0.82	43.23	2.78	-60.35	0.26
	134	-17.44	-0.82	-4.74	-2.78	33.97	0.64

	67	133	17.35	-0.92	40.09	4.31	-50.93	0.12
		134	-17.35	0.92	-1.60	-4.31	28.00	-1.13
	68	133	-25.26	1.40	-3.28	-5.58	-89.66	0.07
		134	25.26	-1.40	41.77	5.58	114.44	1.47
	69	133	-24.60	-0.74	-6.21	-3.88	-80.20	-0.09
		134	24.60	0.74	44.70	3.88	108.19	-0.72
	70	133	-24.89	1.20	-3.17	-5.50	-89.64	0.06
		134	24.89	-1.20	41.66	5.50	114.30	1.26
	71	133	-24.97	-0.54	-6.32	-3.96	-80.21	-0.08
		134	24.97	0.54	44.80	3.96	108.33	-0.51
	72	133	13.47	0.81	39.47	1.70	-62.58	0.21
		134	-13.47	-0.81	-0.98	-1.70	40.33	0.68
	73	133	14.13	-1.33	36.55	3.40	-53.12	0.05
		134	-14.13	1.33	1.94	-3.40	34.09	-1.51
	74	133	13.84	0.61	39.58	1.78	-62.56	0.20
		134	-13.84	-0.61	-1.09	-1.78	40.19	0.47
	75	133	13.75	-1.13	36.44	3.32	-53.14	0.06
		134	-13.75	1.13	2.05	-3.32	34.22	-1.30
171	1	134	-3.51	0.00	25.26	-0.75	-54.13	0.04
		135	3.51	0.00	-9.86	0.75	34.82	-0.04
	2	134	-2.06	0.03	16.29	-0.34	-20.13	-0.02
		135	2.06	-0.03	6.80	0.34	14.91	0.06
	3	134	-0.34	0.01	0.62	-0.09	-3.12	0.00
		135	0.34	-0.01	-0.62	0.09	2.44	0.01
	4	134	-0.44	0.01	2.04	-0.10	-6.78	-0.01
		135	0.44	-0.01	-2.04	0.10	4.53	0.02
	5	134	-0.02	0.14	0.24	-0.16	-0.55	-0.15
		135	0.02	-0.14	-0.24	0.16	0.28	0.31
	6	134	0.03	-0.14	-0.15	0.19	0.60	0.15
		135	-0.03	0.14	0.15	-0.19	-0.43	-0.30
	7	134	-2.42	-0.04	-2.26	-0.55	-4.55	0.04
		135	2.42	0.04	2.26	0.55	7.04	-0.09
	8	134	2.50	0.04	2.66	0.60	4.19	-0.05
		135	-2.50	-0.04	-2.66	-0.60	-7.11	0.09
	9	134	-8.09	0.19	56.69	-1.77	-106.81	-0.11
		135	8.09	-0.19	-6.66	1.77	71.96	0.33
	10	134	-8.05	-0.06	56.34	-1.47	-105.77	0.15
		135	8.05	0.06	-6.30	1.47	71.32	-0.22
	11	134	-10.25	0.03	54.44	-2.13	-110.41	0.06
		135	10.25	-0.03	-4.40	2.13	78.05	-0.02
	12	134	-5.83	0.10	58.86	-1.10	-102.54	-0.03
		135	5.83	-0.10	-8.83	1.10	65.31	0.14
	13	134	-7.91	0.19	57.30	-1.71	-107.21	-0.11
		135	7.91	-0.19	-7.26	1.71	71.70	0.33
	14	134	-7.87	-0.07	56.94	-1.40	-106.18	0.15
		135	7.87	0.07	-6.91	1.40	71.06	-0.22
	15	134	-10.07	0.03	55.04	-2.07	-110.81	0.06
		135	10.07	-0.03	-5.01	2.07	77.78	-0.03
	16	134	-5.65	0.10	59.47	-1.03	-102.95	-0.02

	135	5.65	-0.10	-9.43	1.03	65.05	0.13
17	134	-7.59	0.27	55.91	-1.73	-102.45	-0.20
	135	7.59	-0.27	-5.88	1.73	68.47	0.50
18	134	-7.53	-0.16	55.32	-1.21	-100.73	0.24
	135	7.53	0.16	-5.28	1.21	67.40	-0.42
19	134	-11.20	0.00	52.15	-2.32	-108.45	0.09
	135	11.20	0.00	-2.12	2.32	78.61	-0.09
20	134	-3.82	0.11	59.53	-0.60	-95.35	-0.05
	135	3.82	-0.11	-9.50	0.60	57.38	0.17
21	134	-6.14	0.13	43.33	-1.33	-81.10	-0.07
	135	6.14	-0.13	-4.85	1.33	54.61	0.22
22	134	-6.11	-0.04	43.10	-1.12	-80.42	0.10
	135	6.11	0.04	-4.61	1.12	54.18	-0.14
23	134	-7.58	0.03	41.83	-1.57	-83.51	0.04
	135	7.58	-0.03	-3.34	1.57	58.66	-0.01
24	134	-4.63	0.07	44.78	-0.88	-78.26	-0.01
	135	4.63	-0.07	-6.29	0.88	50.17	0.09
25	134	-6.02	0.13	43.74	-1.28	-81.37	-0.07
	135	6.02	-0.13	-5.25	1.28	54.43	0.22
26	134	-5.99	-0.04	43.50	-1.08	-80.69	0.10
	135	5.99	0.04	-5.01	1.08	54.00	-0.14
27	134	-7.46	0.02	42.23	-1.52	-83.78	0.04
	135	7.46	-0.02	-3.75	1.52	58.49	-0.01
28	134	-4.51	0.07	45.19	-0.83	-78.53	-0.01
	135	4.51	-0.07	-6.70	0.83	50.00	0.09
29	134	-5.81	0.19	42.81	-1.30	-78.20	-0.13
	135	5.81	-0.19	-4.33	1.30	52.28	0.33
30	134	-5.76	-0.10	42.42	-0.96	-77.06	0.16
	135	5.76	0.10	-3.93	0.96	51.56	-0.27
31	134	-8.21	0.00	40.31	-1.69	-82.20	0.06
	135	8.21	0.00	-1.82	1.69	59.04	-0.06
32	134	-3.29	0.08	45.23	-0.55	-73.47	-0.03
	135	3.29	-0.08	-6.74	0.55	44.89	0.12
33	134	-5.57	0.04	41.55	-1.09	-74.26	0.02
	135	5.57	-0.04	-3.06	1.09	49.73	0.02
34	134	-5.65	0.04	41.96	-1.11	-75.62	0.02
	135	5.65	-0.04	-3.47	1.11	50.64	0.02
35	134	-5.57	0.07	41.60	-1.12	-74.37	-0.01
	135	5.57	-0.07	-3.11	1.12	49.79	0.08
36	134	-5.56	0.01	41.52	-1.05	-74.14	0.05
	135	5.56	-0.01	-3.03	1.05	49.64	-0.04
37	134	-6.05	0.03	41.09	-1.20	-75.17	0.03
	135	6.05	-0.03	-2.61	1.20	51.14	0.00
38	134	-5.07	0.04	42.08	-0.97	-73.42	0.01
	135	5.07	-0.04	-3.59	0.97	48.31	0.04
39	134	-5.57	0.04	41.55	-1.09	-74.26	0.02
	135	5.57	-0.04	-3.06	1.09	49.73	0.02
40	134	-1.10	3.57	6.63	-2.83	-10.41	-3.65
	135	1.10	-3.57	-6.63	2.83	3.11	7.58
41	134	0.14	2.90	6.81	-2.56	-9.95	-2.95

	135	-0.14	-2.90	-6.81	2.56	2.46	6.14
42	134	-22.96	0.09	-19.92	-4.64	-43.28	-0.23
	135	22.96	-0.09	19.92	4.64	65.19	0.33
43	134	-19.36	0.30	-16.95	-3.64	-37.05	-0.40
	135	19.36	-0.30	16.95	3.64	55.70	0.73
44	134	-13.56	3.63	42.20	-5.31	-97.65	-3.70
	135	13.56	-3.63	-3.71	5.31	72.40	7.69
45	134	0.22	3.58	54.16	-2.53	-71.68	-3.56
	135	-0.22	-3.58	-15.67	2.53	33.28	7.50
46	134	-12.48	3.69	43.09	-5.01	-95.78	-3.75
	135	12.48	-3.69	-4.60	5.01	69.55	7.81
47	134	-0.86	3.52	53.26	-2.83	-73.55	-3.51
	135	0.86	-3.52	-14.78	2.83	36.13	7.38
48	134	-11.35	-3.50	28.94	0.35	-76.84	3.60
	135	11.35	3.50	9.55	-0.35	66.18	-7.46
49	134	2.42	-3.56	40.89	3.13	-50.87	3.74
	135	-2.42	3.56	-2.40	-3.13	27.06	-7.65
50	134	-10.27	-3.44	29.83	0.65	-74.97	3.55
	135	10.27	3.44	8.66	-0.65	63.33	-7.34
51	134	1.34	-3.62	40.00	2.83	-52.74	3.79
	135	-1.34	3.62	-1.51	-2.83	29.91	-7.77
52	134	-12.31	2.96	42.38	-5.04	-97.19	-3.00
	135	12.31	-2.96	-3.89	5.04	71.75	6.26
53	134	1.46	2.91	54.33	-2.26	-71.22	-2.86
	135	-1.46	-2.91	-15.84	2.26	32.63	6.06
54	134	-11.23	3.03	43.27	-4.74	-95.32	-3.05
	135	11.23	-3.03	-4.78	4.74	68.90	6.38
55	134	0.38	2.85	53.44	-2.56	-73.09	-2.81
	135	-0.38	-2.85	-14.95	2.56	35.48	5.94
56	134	-12.60	-2.84	28.76	0.07	-77.30	2.90
	135	12.60	2.84	9.73	-0.07	66.83	-6.02
57	134	1.18	-2.89	40.72	2.86	-51.33	3.04
	135	-1.18	2.89	-2.23	-2.86	27.71	-6.22
58	134	-11.52	-2.77	29.65	0.37	-75.43	2.85
	135	11.52	2.77	8.84	-0.37	63.98	-5.90
59	134	0.10	-2.95	39.83	2.56	-53.20	3.09
	135	-0.10	2.95	-1.34	-2.56	30.56	-6.34
60	134	-28.86	1.20	23.61	-6.58	-120.66	-1.30
	135	28.86	-1.20	14.87	6.58	115.86	2.62
61	134	-28.20	-0.94	19.64	-4.88	-114.42	0.89
	135	28.20	0.94	18.85	4.88	113.99	-1.92
62	134	-28.48	1.00	23.67	-6.49	-120.53	-1.09
	135	28.48	-1.00	14.82	6.49	115.66	2.19
63	134	-28.57	-0.74	19.58	-4.96	-114.56	0.67
	135	28.57	0.74	18.91	4.96	114.18	-1.49
64	134	17.06	1.02	63.46	2.70	-34.10	-0.85
	135	-17.06	-1.02	-24.97	-2.70	-14.53	1.96
65	134	17.72	-1.13	59.48	4.39	-27.86	1.34
	135	-17.72	1.13	-20.99	-4.39	-16.40	-2.58
66	134	17.44	0.82	63.51	2.78	-33.97	-0.64

		135	-17.44	-0.82	-25.02	-2.78	-14.73	1.53
67		134	17.35	-0.92	59.43	4.31	-28.00	1.13
		135	-17.35	0.92	-20.94	-4.31	-16.20	-2.15
68		134	-25.26	1.40	26.58	-5.58	-114.44	-1.47
		135	25.26	-1.40	11.91	5.58	106.37	3.02
69		134	-24.60	-0.74	22.60	-3.88	-108.19	0.72
		135	24.60	0.74	15.89	3.88	104.50	-1.53
70		134	-24.89	1.20	26.63	-5.50	-114.30	-1.26
		135	24.89	-1.20	11.85	5.50	106.17	2.59
71		134	-24.97	-0.54	22.55	-3.96	-108.33	0.51
		135	24.97	0.54	15.94	3.96	104.69	-1.10
72		134	13.47	0.81	60.49	1.70	-40.33	-0.68
		135	-13.47	-0.81	-22.00	-1.70	-5.04	1.57
73		134	14.13	-1.33	56.51	3.40	-34.09	1.51
		135	-14.13	1.33	-18.02	-3.40	-6.91	-2.98
74		134	13.84	0.61	60.54	1.78	-40.19	-0.47
		135	-13.84	-0.61	-22.05	-1.78	-5.24	1.14
75		134	13.75	-1.13	56.46	3.32	-34.22	1.30
		135	-13.75	1.13	-17.97	-3.32	-6.71	-2.55
172	1	135	-3.51	0.00	44.03	-0.75	-34.82	0.04
		14	3.51	0.00	-34.58	0.75	8.29	-0.04
	2	135	-2.06	0.03	23.06	-0.34	-14.91	-0.06
		14	2.06	-0.03	-8.89	0.34	4.12	0.08
	3	135	-0.34	0.01	1.97	-0.09	-2.44	-0.01
		14	0.34	-0.01	-1.97	0.09	1.11	0.01
	4	135	-0.44	0.01	4.69	-0.10	-4.53	-0.02
		14	0.44	-0.01	-4.69	0.10	1.37	0.02
	5	135	-0.02	0.14	0.35	-0.16	-0.28	-0.31
		14	0.02	-0.14	-0.35	0.16	0.05	0.40
	6	135	0.03	-0.14	-0.27	0.19	0.43	0.30
		14	-0.03	0.14	0.27	-0.19	-0.25	-0.40
	7	135	-2.42	-0.04	-1.73	-0.55	-7.04	0.09
		14	2.42	0.04	1.73	0.55	8.21	-0.11
	8	135	2.50	0.04	2.15	0.60	7.11	-0.09
		14	-2.50	-0.04	-2.15	-0.60	-8.56	0.12
	9	135	-8.09	0.19	94.00	-1.77	-71.96	-0.33
		14	8.09	-0.19	-63.29	1.77	18.88	0.46
	10	135	-8.05	-0.06	93.44	-1.47	-71.32	0.22
		14	8.05	0.06	-62.74	1.47	18.61	-0.26
	11	135	-10.25	0.03	92.12	-2.13	-78.05	0.02
		14	10.25	-0.03	-61.42	2.13	26.23	0.00
	12	135	-5.83	0.10	95.62	-1.10	-65.31	-0.14
		14	5.83	-0.10	-64.92	1.10	11.13	0.20
	13	135	-7.91	0.19	94.56	-1.71	-71.70	-0.33
		14	7.91	-0.19	-63.85	1.71	18.24	0.46
	14	135	-7.87	-0.07	94.00	-1.40	-71.06	0.22
		14	7.87	0.07	-63.30	1.40	17.97	-0.27
	15	135	-10.07	0.03	92.68	-2.07	-77.78	0.03
		14	10.07	-0.03	-61.98	2.07	25.58	-0.01

16	135	-5.65	0.10	96.18	-1.03	-65.05	-0.13
	14	5.65	-0.10	-65.48	1.03	10.49	0.20
17	135	-7.59	0.27	91.25	-1.73	-68.47	-0.50
	14	7.59	-0.27	-60.54	1.73	17.24	0.68
18	135	-7.53	-0.16	90.32	-1.21	-67.40	0.42
	14	7.53	0.16	-59.62	1.21	16.80	-0.52
19	135	-11.20	0.00	88.13	-2.32	-78.61	0.09
	14	11.20	0.00	-57.42	2.32	29.48	-0.09
20	135	-3.82	0.11	93.96	-0.60	-57.38	-0.17
	14	3.82	-0.11	-63.26	0.60	4.33	0.25
21	135	-6.14	0.13	71.61	-1.33	-54.61	-0.22
	14	6.14	-0.13	-47.99	1.33	14.24	0.31
22	135	-6.11	-0.04	71.24	-1.12	-54.18	0.14
	14	6.11	0.04	-47.62	1.12	14.06	-0.17
23	135	-7.58	0.03	70.36	-1.57	-58.66	0.01
	14	7.58	-0.03	-46.74	1.57	19.14	0.01
24	135	-4.63	0.07	72.69	-0.88	-50.17	-0.09
	14	4.63	-0.07	-49.07	0.88	9.08	0.14
25	135	-6.02	0.13	71.98	-1.28	-54.43	-0.22
	14	6.02	-0.13	-48.36	1.28	13.81	0.31
26	135	-5.99	-0.04	71.61	-1.08	-54.00	0.14
	14	5.99	0.04	-47.99	1.08	13.64	-0.17
27	135	-7.46	0.02	70.73	-1.52	-58.49	0.01
	14	7.46	-0.02	-47.12	1.52	18.71	0.00
28	135	-4.51	0.07	73.07	-0.83	-50.00	-0.09
	14	4.51	-0.07	-49.45	0.83	8.65	0.14
29	135	-5.81	0.19	69.78	-1.30	-52.28	-0.33
	14	5.81	-0.19	-46.16	1.30	13.15	0.46
30	135	-5.76	-0.10	69.16	-0.96	-51.56	0.27
	14	5.76	0.10	-45.54	0.96	12.85	-0.34
31	135	-8.21	0.00	67.70	-1.69	-59.04	0.06
	14	8.21	0.00	-44.08	1.69	21.31	-0.05
32	135	-3.29	0.08	71.58	-0.55	-44.89	-0.12
	14	3.29	-0.08	-47.97	0.55	4.54	0.17
33	135	-5.57	0.04	67.09	-1.09	-49.73	-0.02
	14	5.57	-0.04	-43.47	1.09	12.42	0.05
34	135	-5.65	0.04	68.02	-1.11	-50.64	-0.02
	14	5.65	-0.04	-44.41	1.11	12.69	0.05
35	135	-5.57	0.07	67.16	-1.12	-49.79	-0.08
	14	5.57	-0.07	-43.54	1.12	12.43	0.13
36	135	-5.56	0.01	67.03	-1.05	-49.64	0.04
	14	5.56	-0.01	-43.41	1.05	12.37	-0.04
37	135	-6.05	0.03	66.74	-1.20	-51.14	0.00
	14	6.05	-0.03	-43.12	1.20	14.06	0.02
38	135	-5.07	0.04	67.52	-0.97	-48.31	-0.04
	14	5.07	-0.04	-43.90	0.97	10.70	0.07
39	135	-5.57	0.04	67.09	-1.09	-49.73	-0.02
	14	5.57	-0.04	-43.47	1.09	12.42	0.05
40	135	-1.10	3.57	8.74	-2.83	-3.11	-7.58
	14	1.10	-3.57	-8.74	2.83	-2.79	9.98

41	135	0.14	2.90	8.68	-2.56	-2.46	-6.14
	14	-0.14	-2.90	-8.68	2.56	-3.40	8.10
42	135	-22.96	0.09	-13.22	-4.64	-65.19	-0.33
	14	22.96	-0.09	13.22	4.64	74.11	0.39
43	135	-19.36	0.30	-11.15	-3.64	-55.70	-0.73
	14	19.36	-0.30	11.15	3.64	63.23	0.93
44	135	-13.56	3.63	71.86	-5.31	-72.40	-7.69
	14	13.56	-3.63	-48.25	5.31	31.86	10.15
45	135	0.22	3.58	79.79	-2.53	-33.28	-7.50
	14	-0.22	-3.58	-56.18	2.53	-12.61	9.91
46	135	-12.48	3.69	72.48	-5.01	-69.55	-7.81
	14	12.48	-3.69	-48.87	5.01	28.60	10.31
47	135	-0.86	3.52	79.17	-2.83	-36.13	-7.38
	14	0.86	-3.52	-55.56	2.83	-9.34	9.75
48	135	-11.35	-3.50	54.38	0.35	-66.18	7.46
	14	11.35	3.50	-30.76	-0.35	37.44	-9.82
49	135	2.42	-3.56	62.31	3.13	-27.06	7.65
	14	-2.42	3.56	-38.69	-3.13	-7.03	-10.06
50	135	-10.27	-3.44	55.00	0.65	-63.33	7.34
	14	10.27	3.44	-31.38	-0.65	34.17	-9.66
51	135	1.34	-3.62	61.69	2.83	-29.91	7.77
	14	-1.34	3.62	-38.07	-2.83	-3.76	-10.22
52	135	-12.31	2.96	71.80	-5.04	-71.75	-6.26
	14	12.31	-2.96	-48.18	5.04	31.25	8.26
53	135	1.46	2.91	79.73	-2.26	-32.63	-6.06
	14	-1.46	-2.91	-56.11	2.26	-13.22	8.02
54	135	-11.23	3.03	72.42	-4.74	-68.90	-6.38
	14	11.23	-3.03	-48.80	4.74	27.99	8.42
55	135	0.38	2.85	79.11	-2.56	-35.48	-5.94
	14	-0.38	-2.85	-55.49	2.56	-9.95	7.86
56	135	-12.60	-2.84	54.44	0.07	-66.83	6.02
	14	12.60	2.84	-30.83	-0.07	38.05	-7.93
57	135	1.18	-2.89	62.37	2.86	-27.71	6.22
	14	-1.18	2.89	-38.76	-2.86	-6.42	-8.17
58	135	-11.52	-2.77	55.06	0.37	-63.98	5.90
	14	11.52	2.77	-31.45	-0.37	34.78	-7.77
59	135	0.10	-2.95	61.75	2.56	-30.56	6.34
	14	-0.10	2.95	-38.14	-2.56	-3.15	-8.33
60	135	-28.86	1.20	56.49	-6.58	-115.86	-2.62
	14	28.86	-1.20	-32.88	6.58	85.69	3.43
61	135	-28.20	-0.94	51.25	-4.88	-113.99	1.92
	14	28.20	0.94	-27.63	4.88	87.37	-2.56
62	135	-28.48	1.00	56.47	-6.49	-115.66	-2.19
	14	28.48	-1.00	-32.86	6.49	85.51	2.87
63	135	-28.57	-0.74	51.27	-4.96	-114.18	1.49
	14	28.57	0.74	-27.65	4.96	87.55	-1.99
64	135	17.06	1.02	82.93	2.70	14.53	-1.96
	14	-17.06	-1.02	-59.31	-2.70	-62.53	2.65
65	135	17.72	-1.13	77.68	4.39	16.40	2.58
	14	-17.72	1.13	-54.06	-4.39	-60.86	-3.34

	66	135	17.44	0.82	82.91	2.78	14.73	-1.53
		14	-17.44	-0.82	-59.29	-2.78	-62.72	2.08
	67	135	17.35	-0.92	77.70	4.31	16.20	2.15
		14	-17.35	0.92	-54.08	-4.31	-60.68	-2.77
	68	135	-25.26	1.40	58.56	-5.58	-106.37	-3.02
		14	25.26	-1.40	-34.94	5.58	74.81	3.97
	69	135	-24.60	-0.74	53.32	-3.88	-104.50	1.53
		14	24.60	0.74	-29.70	3.88	76.48	-2.02
	70	135	-24.89	1.20	58.54	-5.50	-106.17	-2.59
		14	24.89	-1.20	-34.92	5.50	74.63	3.40
	71	135	-24.97	-0.54	53.33	-3.96	-104.69	1.10
		14	24.97	0.54	-29.72	3.96	76.66	-1.46
	72	135	13.47	0.81	80.86	1.70	5.04	-1.57
		14	-13.47	-0.81	-57.24	-1.70	-51.65	2.11
	73	135	14.13	-1.33	75.61	3.40	6.91	2.98
		14	-14.13	1.33	-52.00	-3.40	-49.98	-3.88
	74	135	13.84	0.61	80.84	1.78	5.24	-1.14
		14	-13.84	-0.61	-57.22	-1.78	-51.83	1.55
	75	135	13.75	-1.13	75.63	3.32	6.71	2.55
		14	-13.75	1.13	-52.01	-3.32	-49.79	-3.31
173	1	5	-4.86	-0.08	-56.14	2.54	10.71	-0.24
		136	4.86	0.08	68.97	-2.54	31.51	0.18
	2	5	-2.81	-0.10	-7.62	0.86	0.10	-0.28
		136	2.81	0.10	26.94	-0.86	11.56	0.21
	3	5	-0.77	-0.01	-3.67	0.40	0.13	-0.04
		136	0.77	0.01	3.67	-0.40	2.35	0.03
	4	5	-1.24	-0.02	-7.83	0.51	0.50	-0.07
		136	1.24	0.02	7.83	-0.51	4.79	0.05
	5	5	0.47	-0.28	-1.87	0.19	1.41	-0.77
		136	-0.47	0.28	1.87	-0.19	-0.15	0.58
	6	5	-0.60	0.28	2.23	-0.35	-1.95	0.77
		136	0.60	-0.28	-2.23	0.35	0.45	-0.58
	7	5	-17.21	-0.03	-1.70	-2.71	17.20	-0.13
		136	17.21	0.03	1.70	2.71	-16.05	0.12
	8	5	17.31	0.02	1.64	2.57	-17.14	0.12
		136	-17.31	-0.02	-1.64	-2.57	16.03	-0.11
	9	5	-11.63	-0.52	-95.97	5.58	15.90	-1.47
		136	11.63	0.52	137.74	-5.58	62.98	1.11
	10	5	-12.59	-0.02	-92.28	5.09	12.87	-0.08
		136	12.59	0.02	134.05	-5.09	63.51	0.07
	11	5	-27.54	-0.29	-95.81	2.97	30.11	-0.89
		136	27.54	0.29	137.59	-2.97	48.67	0.70
	12	5	3.52	-0.25	-92.80	7.72	-0.79	-0.67
		136	-3.52	0.25	134.58	-7.72	77.53	0.50
	13	5	-11.41	-0.52	-96.33	5.36	16.08	-1.46
		136	11.41	0.52	138.11	-5.36	63.04	1.11
	14	5	-12.37	-0.02	-92.64	4.88	13.05	-0.07
		136	12.37	0.02	134.42	-4.88	63.58	0.06
	15	5	-27.32	-0.29	-96.17	2.76	30.28	-0.89

	136	27.32	0.29	137.95	-2.76	48.73	0.69
16	5	3.75	-0.25	-93.17	7.51	-0.61	-0.66
	136	-3.75	0.25	134.94	-7.51	77.60	0.49
17	5	-10.20	-0.67	-91.58	5.09	16.55	-1.87
	136	10.20	0.67	133.36	-5.09	59.36	1.42
18	5	-11.79	0.17	-85.43	4.28	11.51	0.44
	136	11.79	-0.17	127.21	-4.28	60.26	-0.33
19	5	-36.72	-0.29	-91.32	0.75	40.23	-0.91
	136	36.72	0.29	133.10	-0.75	35.51	0.72
20	5	15.06	-0.22	-86.31	8.67	-11.27	-0.53
	136	-15.06	0.22	128.08	-8.67	83.63	0.39
21	5	-8.78	-0.37	-72.48	4.17	12.04	-1.05
	136	8.78	0.37	104.62	-4.17	47.73	0.80
22	5	-9.42	-0.04	-70.02	3.85	10.02	-0.12
	136	9.42	0.04	102.16	-3.85	48.09	0.10
23	5	-19.38	-0.22	-72.38	2.43	21.51	-0.66
	136	19.38	0.22	104.51	-2.43	38.19	0.52
24	5	1.33	-0.19	-70.37	5.60	0.91	-0.51
	136	-1.33	0.19	102.51	-5.60	57.43	0.38
25	5	-8.63	-0.37	-72.72	4.03	12.16	-1.04
	136	8.63	0.37	104.86	-4.03	47.77	0.79
26	5	-9.27	-0.03	-70.26	3.71	10.14	-0.11
	136	9.27	0.03	102.40	-3.71	48.13	0.09
27	5	-19.24	-0.22	-72.62	2.29	21.63	-0.66
	136	19.24	0.22	104.76	-2.29	38.23	0.51
28	5	1.47	-0.19	-70.61	5.46	1.03	-0.51
	136	-1.47	0.19	102.75	-5.46	57.48	0.38
29	5	-7.82	-0.47	-69.56	3.85	12.48	-1.31
	136	7.82	0.47	101.69	-3.85	45.32	1.00
30	5	-8.89	0.09	-65.46	3.31	9.11	0.23
	136	8.89	-0.09	97.59	-3.31	45.92	-0.17
31	5	-25.50	-0.22	-69.38	0.95	28.26	-0.68
	136	25.50	0.22	101.52	-0.95	29.42	0.53
32	5	9.02	-0.17	-66.04	6.23	-6.07	-0.42
	136	-9.02	0.17	98.18	-6.23	61.49	0.31
33	5	-7.67	-0.18	-63.77	3.40	10.82	-0.51
	136	7.67	0.18	95.91	-3.40	43.07	0.39
34	5	-7.92	-0.18	-65.33	3.50	10.92	-0.53
	136	7.92	0.18	97.47	-3.50	44.03	0.40
35	5	-7.58	-0.23	-64.14	3.44	11.10	-0.67
	136	7.58	0.23	96.28	-3.44	43.04	0.51
36	5	-7.79	-0.12	-63.32	3.33	10.43	-0.36
	136	7.79	0.12	95.46	-3.33	43.16	0.27
37	5	-11.11	-0.18	-64.11	2.86	14.26	-0.54
	136	11.11	0.18	96.24	-2.86	39.86	0.41
38	5	-4.21	-0.18	-63.44	3.92	7.39	-0.49
	136	4.21	0.18	95.58	-3.92	46.28	0.37
39	5	-7.67	-0.18	-63.77	3.40	10.82	-0.51
	136	7.67	0.18	95.91	-3.40	43.07	0.39
40	5	13.66	-5.70	-28.66	1.53	12.18	-15.49

	136	-13.66	5.70	28.66	-1.53	7.17	11.64
41	5	0.57	-6.61	-31.41	0.18	23.71	-18.57
	136	-0.57	6.61	31.41	-0.18	-2.51	14.11
42	5	-214.18	-0.14	-33.28	-19.85	222.06	-1.26
	136	214.18	0.14	33.28	19.85	-199.60	1.16
43	5	-170.31	0.28	-25.47	-16.31	177.35	0.32
	136	170.31	-0.28	25.47	16.31	-160.16	-0.12
44	5	-58.26	-5.92	-102.41	-1.03	89.61	-16.38
	136	58.26	5.92	134.55	1.03	-9.64	12.38
45	5	70.25	-5.83	-82.44	10.89	-43.62	-15.62
	136	-70.25	5.83	114.58	-10.89	110.12	11.69
46	5	-45.10	-5.79	-100.07	0.04	76.20	-15.91
	136	45.10	5.79	132.21	-0.04	2.19	12.00
47	5	57.08	-5.96	-84.79	9.82	-30.21	-16.10
	136	-57.08	5.96	116.92	-9.82	98.29	12.07
48	5	-85.59	5.47	-45.09	-4.08	65.26	14.60
	136	85.59	-5.47	77.23	4.08	-23.97	-10.90
49	5	42.92	5.56	-25.12	7.83	-67.98	15.35
	136	-42.92	-5.56	57.26	-7.83	95.79	-11.60
50	5	-72.42	5.60	-42.75	-3.02	51.84	15.07
	136	72.42	-5.60	74.89	3.02	-12.14	-11.29
51	5	29.76	5.43	-27.47	6.77	-54.57	14.88
	136	-29.76	-5.43	59.60	-6.77	83.95	-11.22
52	5	-71.35	-6.84	-105.16	-2.37	101.15	-19.46
	136	71.35	6.84	137.30	2.37	-19.32	14.85
53	5	57.16	-6.75	-85.19	9.54	-32.09	-18.71
	136	-57.16	6.75	117.33	-9.54	100.44	14.15
54	5	-58.19	-6.71	-102.82	-1.31	87.74	-18.99
	136	58.19	6.71	134.95	1.31	-7.49	14.46
55	5	43.99	-6.88	-87.53	8.47	-18.67	-19.18
	136	-43.99	6.88	119.67	-8.47	88.61	14.54
56	5	-72.50	6.39	-42.35	-2.73	53.72	17.68
	136	72.50	-6.39	74.48	2.73	-14.29	-13.37
57	5	56.01	6.48	-22.38	9.18	-79.51	18.44
	136	-56.01	-6.48	54.51	-9.18	105.47	-14.07
58	5	-59.33	6.52	-40.00	-1.67	40.31	18.16
	136	59.33	-6.52	72.14	1.67	-2.46	-13.76
59	5	42.85	6.35	-24.72	8.11	-66.10	17.97
	136	-42.85	-6.35	56.86	-8.11	93.63	-13.68
60	5	-217.75	-2.03	-105.65	-15.99	236.53	-6.42
	136	217.75	2.03	137.78	15.99	-154.37	5.05
61	5	-225.95	1.38	-88.45	-16.91	229.22	2.88
	136	225.95	-1.38	120.59	16.91	-158.67	-1.94
62	5	-221.68	-2.31	-106.47	-16.40	239.99	-7.34
	136	221.68	2.31	138.61	16.40	-157.28	5.79
63	5	-222.02	1.66	-87.63	-16.50	225.76	3.80
	136	222.02	-1.66	119.76	16.50	-155.77	-2.68
64	5	210.61	-1.74	-39.09	23.71	-207.59	-3.90
	136	-210.61	1.74	71.22	-23.71	244.82	2.72
65	5	202.41	1.67	-21.89	22.80	-214.90	5.39

		136	-202.41	-1.67	54.03	-22.80	240.52	-4.26
66		5	206.68	-2.02	-39.91	23.31	-204.13	-4.83
		136	-206.68	2.02	72.05	-23.31	241.91	3.46
67		5	206.34	1.95	-21.07	23.20	-218.36	6.32
		136	-206.34	-1.95	53.20	-23.20	243.42	-5.00
68		5	-173.88	-1.60	-97.84	-12.45	191.82	-4.84
		136	173.88	1.60	129.97	12.45	-114.94	3.76
69		5	-182.07	1.81	-80.64	-13.37	184.51	4.45
		136	182.07	-1.81	112.78	13.37	-119.24	-3.23
70		5	-177.80	-1.88	-98.66	-12.85	195.28	-5.77
		136	177.80	1.88	130.80	12.85	-117.84	4.50
71		5	-178.15	2.09	-79.82	-12.96	181.05	5.38
		136	178.15	-2.09	111.95	12.96	-116.33	-3.97
72		5	166.73	-2.17	-46.90	20.17	-162.88	-5.48
		136	-166.73	2.17	79.03	-20.17	205.38	4.01
73		5	158.54	1.24	-29.70	19.25	-170.19	3.82
		136	-158.54	-1.24	61.84	-19.25	201.08	-2.98
74		5	162.81	-2.45	-47.72	19.76	-159.42	-6.40
		136	-162.81	2.45	79.86	-19.76	202.48	4.75
75		5	162.46	1.52	-28.88	19.66	-173.65	4.74
		136	-162.46	-1.52	61.01	-19.66	203.99	-3.72
174	1	136	-4.86	-0.08	-25.95	2.54	-31.51	-0.18
		137	4.86	0.08	46.85	-2.54	71.55	0.09
2		136	-2.81	-0.10	8.60	0.86	-11.56	-0.21
		137	2.81	0.10	22.87	-0.86	19.41	0.10
3		136	-0.77	-0.01	-2.15	0.40	-2.35	-0.03
		137	0.77	0.01	2.15	-0.40	4.71	0.02
4		136	-1.24	-0.02	-4.60	0.51	-4.79	-0.05
		137	1.24	0.02	4.60	-0.51	9.85	0.03
5		136	0.47	-0.28	-1.51	0.19	0.15	-0.58
		137	-0.47	0.28	1.51	-0.19	1.52	0.28
6		136	-0.60	0.28	1.92	-0.35	-0.45	0.58
		137	0.60	-0.28	-1.92	0.35	-1.66	-0.28
7		136	-17.21	-0.03	-3.50	-2.71	16.05	-0.12
		137	17.21	0.03	3.50	2.71	-12.20	0.09
8		136	17.31	0.02	3.45	2.57	-16.03	0.11
		137	-17.31	-0.02	-3.45	-2.57	12.23	-0.08
9		136	-11.63	-0.52	-30.59	5.58	-62.98	-1.11
		137	11.63	0.52	98.67	-5.58	134.07	0.54
10		136	-12.59	-0.02	-27.50	5.09	-63.51	-0.07
		137	12.59	0.02	95.58	-5.09	131.21	0.05
11		136	-27.54	-0.29	-32.37	2.97	-48.67	-0.70
		137	27.54	0.29	100.46	-2.97	121.72	0.37
12		136	3.52	-0.25	-26.12	7.72	-77.53	-0.50
		137	-3.52	0.25	94.21	-7.72	143.71	0.22
13		136	-11.41	-0.52	-30.82	5.36	-63.04	-1.11
		137	11.41	0.52	98.90	-5.36	134.39	0.54
14		136	-12.37	-0.02	-27.73	4.88	-63.58	-0.06
		137	12.37	0.02	95.81	-4.88	131.53	0.04

15	136	-27.32	-0.29	-32.60	2.76	-48.73	-0.69
	137	27.32	0.29	100.68	-2.76	122.04	0.37
16	136	3.75	-0.25	-26.35	7.51	-77.60	-0.49
	137	-3.75	0.25	94.43	-7.51	144.03	0.22
17	136	-10.20	-0.67	-28.28	5.09	-59.36	-1.42
	137	10.20	0.67	96.36	-5.09	127.91	0.69
18	136	-11.79	0.17	-23.13	4.28	-60.26	0.33
	137	11.79	-0.17	91.21	-4.28	123.15	-0.14
19	136	-36.72	-0.29	-31.25	0.75	-35.51	-0.72
	137	36.72	0.29	99.33	-0.75	107.33	0.40
20	136	15.06	-0.22	-20.83	8.67	-83.63	-0.39
	137	-15.06	0.22	88.91	-8.67	143.99	0.15
21	136	-8.78	-0.37	-22.71	4.17	-47.73	-0.80
	137	8.78	0.37	75.08	-4.17	101.51	0.39
22	136	-9.42	-0.04	-20.65	3.85	-48.09	-0.10
	137	9.42	0.04	73.02	-3.85	99.60	0.06
23	136	-19.38	-0.22	-23.90	2.43	-38.19	-0.52
	137	19.38	0.22	76.27	-2.43	93.28	0.28
24	136	1.33	-0.19	-19.73	5.60	-57.43	-0.38
	137	-1.33	0.19	72.10	-5.60	107.94	0.17
25	136	-8.63	-0.37	-22.86	4.03	-47.77	-0.79
	137	8.63	0.37	75.23	-4.03	101.72	0.39
26	136	-9.27	-0.03	-20.80	3.71	-48.13	-0.09
	137	9.27	0.03	73.17	-3.71	99.81	0.05
27	136	-19.24	-0.22	-24.05	2.29	-38.23	-0.51
	137	19.24	0.22	76.42	-2.29	93.49	0.27
28	136	1.47	-0.19	-19.88	5.46	-57.48	-0.38
	137	-1.47	0.19	72.25	-5.46	108.15	0.17
29	136	-7.82	-0.47	-21.16	3.85	-45.32	-1.00
	137	7.82	0.47	73.53	-3.85	97.40	0.48
30	136	-8.89	0.09	-17.73	3.31	-45.92	0.17
	137	8.89	-0.09	70.10	-3.31	94.23	-0.07
31	136	-25.50	-0.22	-23.15	0.95	-29.42	-0.53
	137	25.50	0.22	75.52	-0.95	83.68	0.29
32	136	9.02	-0.17	-16.20	6.23	-61.49	-0.31
	137	-9.02	0.17	68.57	-6.23	108.12	0.12
33	136	-7.67	-0.18	-17.35	3.40	-43.07	-0.39
	137	7.67	0.18	69.72	-3.40	90.96	0.19
34	136	-7.92	-0.18	-18.27	3.50	-44.03	-0.40
	137	7.92	0.18	70.64	-3.50	92.93	0.20
35	136	-7.58	-0.23	-17.65	3.44	-43.04	-0.51
	137	7.58	0.23	70.02	-3.44	91.26	0.25
36	136	-7.79	-0.12	-16.97	3.33	-43.16	-0.27
	137	7.79	0.12	69.34	-3.33	90.63	0.14
37	136	-11.11	-0.18	-18.05	2.86	-39.86	-0.41
	137	11.11	0.18	70.42	-2.86	88.52	0.21
38	136	-4.21	-0.18	-16.66	3.92	-46.28	-0.37
	137	4.21	0.18	69.03	-3.92	93.41	0.18
39	136	-7.67	-0.18	-17.35	3.40	-43.07	-0.39
	137	7.67	0.18	69.72	-3.40	90.96	0.19

40	136	13.66	-5.70	-20.67	1.53	-7.17	-11.64
	137	-13.66	5.70	20.67	-1.53	29.90	5.38
41	136	0.57	-6.61	-23.69	0.18	2.51	-14.11
	137	-0.57	6.61	23.69	-0.18	23.55	6.84
42	136	-214.18	-0.14	-50.08	-19.85	199.60	-1.16
	137	214.18	0.14	50.08	19.85	-144.50	1.00
43	136	-170.31	0.28	-39.53	-16.31	160.16	0.12
	137	170.31	-0.28	39.53	16.31	-116.68	0.19
44	136	-58.26	-5.92	-53.04	-1.03	9.64	-12.38
	137	58.26	5.92	105.41	1.03	77.51	5.87
45	136	70.25	-5.83	-22.99	10.89	-110.12	-11.69
	137	-70.25	5.83	75.36	-10.89	164.21	5.27
46	136	-45.10	-5.79	-49.87	0.04	-2.19	-12.00
	137	45.10	5.79	102.25	-0.04	85.86	5.63
47	136	57.08	-5.96	-26.16	9.82	-98.29	-12.07
	137	-57.08	5.96	78.53	-9.82	155.86	5.52
48	136	-85.59	5.47	-11.71	-4.08	23.97	10.90
	137	85.59	-5.47	64.08	4.08	17.71	-4.88
49	136	42.92	5.56	18.34	7.83	-95.79	11.60
	137	-42.92	-5.56	34.03	-7.83	104.41	-5.48
50	136	-72.42	5.60	-8.54	-3.02	12.14	11.29
	137	72.42	-5.60	60.91	3.02	26.06	-5.13
51	136	29.76	5.43	15.18	6.77	-83.95	11.22
	137	-29.76	-5.43	37.19	-6.77	96.06	-5.24
52	136	-71.35	-6.84	-56.07	-2.37	19.32	-14.85
	137	71.35	6.84	108.44	2.37	71.16	7.33
53	136	57.16	-6.75	-26.02	9.54	-100.44	-14.15
	137	-57.16	6.75	78.39	-9.54	157.86	6.73
54	136	-58.19	-6.71	-52.90	-1.31	7.49	-14.46
	137	58.19	6.71	105.27	1.31	79.50	7.09
55	136	43.99	-6.88	-29.18	8.47	-88.61	-14.54
	137	-43.99	6.88	81.55	-8.47	149.51	6.97
56	136	-72.50	6.39	-8.68	-2.73	14.29	13.37
	137	72.50	-6.39	61.05	2.73	24.06	-6.34
57	136	56.01	6.48	21.37	9.18	-105.47	14.07
	137	-56.01	-6.48	31.00	-9.18	110.77	-6.94
58	136	-59.33	6.52	-5.52	-1.67	2.46	13.76
	137	59.33	-6.52	57.89	1.67	32.41	-6.59
59	136	42.85	6.35	18.20	8.11	-93.63	13.68
	137	-42.85	-6.35	34.17	-8.11	102.42	-6.70
60	136	-217.75	-2.03	-73.63	-15.99	154.37	-5.05
	137	217.75	2.03	126.00	15.99	-44.57	2.81
61	136	-225.95	1.38	-61.23	-16.91	158.67	1.94
	137	225.95	-1.38	113.60	16.91	-62.51	-0.42
62	136	-221.68	-2.31	-74.54	-16.40	157.28	-5.79
	137	221.68	2.31	126.91	16.40	-46.48	3.25
63	136	-222.02	1.66	-60.32	-16.50	155.77	2.68
	137	222.02	-1.66	112.70	16.50	-60.61	-0.86
64	136	210.61	-1.74	26.53	23.71	-244.82	-2.72
	137	-210.61	1.74	25.84	-23.71	244.43	0.81

	65	136	202.41	1.67	38.93	22.80	-240.52	4.26
		137	-202.41	-1.67	13.44	-22.80	226.49	-2.42
	66	136	206.68	-2.02	25.63	23.31	-241.91	-3.46
		137	-206.68	2.02	26.74	-23.31	242.53	1.24
	67	136	206.34	1.95	39.84	23.20	-243.42	5.00
		137	-206.34	-1.95	12.53	-23.20	228.40	-2.86
	68	136	-173.88	-1.60	-63.08	-12.45	114.94	-3.76
		137	173.88	1.60	115.45	12.45	-16.75	2.00
	69	136	-182.07	1.81	-50.68	-13.37	119.24	3.23
		137	182.07	-1.81	103.05	13.37	-34.69	-1.23
	70	136	-177.80	-1.88	-63.98	-12.85	117.84	-4.50
		137	177.80	1.88	116.35	12.85	-18.65	2.43
	71	136	-178.15	2.09	-49.77	-12.96	116.33	3.97
		137	178.15	-2.09	102.14	12.96	-32.78	-1.67
	72	136	166.73	-2.17	15.98	20.17	-205.38	-4.01
		137	-166.73	2.17	36.39	-20.17	216.61	1.62
	73	136	158.54	1.24	28.38	19.25	-201.08	2.98
		137	-158.54	-1.24	23.99	-19.25	198.67	-1.61
	74	136	162.81	-2.45	15.07	19.76	-202.48	-4.75
		137	-162.81	2.45	37.30	-19.76	214.70	2.06
	75	136	162.46	1.52	29.29	19.66	-203.99	3.72
		137	-162.46	-1.52	23.09	-19.66	200.58	-2.04
175	1	137	-4.86	-0.08	-5.00	2.54	-71.55	-0.09
		138	4.86	0.08	25.90	-2.54	88.54	0.00
	2	137	-2.81	-0.10	12.36	0.86	-19.41	-0.10
		138	2.81	0.10	19.11	-0.86	23.13	-0.01
	3	137	-0.77	-0.01	-0.69	0.40	-4.71	-0.02
		138	0.77	0.01	0.69	-0.40	5.48	0.00
	4	137	-1.24	-0.02	-1.51	0.51	-9.85	-0.03
		138	1.24	0.02	1.51	-0.51	11.51	0.00
	5	137	0.47	-0.28	-1.21	0.19	-1.52	-0.28
		138	-0.47	0.28	1.21	-0.19	2.85	-0.03
	6	137	-0.60	0.28	1.68	-0.35	1.66	0.28
		138	0.60	-0.28	-1.68	0.35	-3.51	0.03
	7	137	-17.21	-0.03	-4.85	-2.71	12.20	-0.09
		138	17.21	0.03	4.85	2.71	-6.86	0.06
	8	137	17.31	0.02	4.81	2.57	-12.23	0.08
		138	-17.31	-0.02	-4.81	-2.57	6.95	-0.06
	9	137	-11.63	-0.52	6.31	5.58	-134.07	-0.54
		138	11.63	0.52	61.78	-5.58	164.58	-0.03
	10	137	-12.59	-0.02	8.91	5.09	-131.21	-0.05
		138	12.59	0.02	59.17	-5.09	158.86	0.03
	11	137	-27.54	-0.29	3.03	2.97	-121.72	-0.37
		138	27.54	0.29	65.05	-2.97	155.84	0.05
	12	137	3.52	-0.25	11.72	7.72	-143.71	-0.22
		138	-3.52	0.25	56.36	-7.72	168.26	-0.06
	13	137	-11.41	-0.52	6.21	5.36	-134.39	-0.54
		138	11.41	0.52	61.87	-5.36	165.00	-0.03
	14	137	-12.37	-0.02	8.82	4.88	-131.53	-0.04

	138	12.37	0.02	59.27	-4.88	159.27	0.03
15	137	-27.32	-0.29	2.94	2.76	-122.04	-0.37
	138	27.32	0.29	65.15	-2.76	156.25	0.05
16	137	3.75	-0.25	11.63	7.51	-144.03	-0.22
	138	-3.75	0.25	56.45	-7.51	168.68	-0.05
17	137	-10.20	-0.67	6.62	5.09	-127.91	-0.69
	138	10.20	0.67	61.46	-5.09	158.08	-0.05
18	137	-11.79	0.17	10.96	4.28	-123.15	0.14
	138	11.79	-0.17	57.13	-4.28	148.54	0.04
19	137	-36.72	-0.29	1.16	0.75	-107.33	-0.40
	138	36.72	0.29	66.93	-0.75	143.50	0.09
20	137	15.06	-0.22	15.65	8.67	-143.99	-0.15
	138	-15.06	0.22	52.43	-8.67	164.22	-0.09
21	137	-8.78	-0.37	5.19	4.17	-101.51	-0.39
	138	8.78	0.37	47.19	-4.17	124.61	-0.02
22	137	-9.42	-0.04	6.92	3.85	-99.60	-0.06
	138	9.42	0.04	45.45	-3.85	120.79	0.02
23	137	-19.38	-0.22	3.00	2.43	-93.28	-0.28
	138	19.38	0.22	49.37	-2.43	118.78	0.03
24	137	1.33	-0.19	8.80	5.60	-107.94	-0.17
	138	-1.33	0.19	43.57	-5.60	127.06	-0.04
25	137	-8.63	-0.37	5.12	4.03	-101.72	-0.39
	138	8.63	0.37	47.25	-4.03	124.89	-0.02
26	137	-9.27	-0.03	6.86	3.71	-99.81	-0.05
	138	9.27	0.03	45.51	-3.71	121.07	0.02
27	137	-19.24	-0.22	2.94	2.29	-93.49	-0.27
	138	19.24	0.22	49.43	-2.29	119.06	0.03
28	137	1.47	-0.19	8.74	5.46	-108.15	-0.17
	138	-1.47	0.19	43.64	-5.46	127.34	-0.04
29	137	-7.82	-0.47	5.39	3.85	-97.40	-0.48
	138	7.82	0.47	46.98	-3.85	120.27	-0.03
30	137	-8.89	0.09	8.29	3.31	-94.23	0.07
	138	8.89	-0.09	44.08	-3.31	113.91	0.03
31	137	-25.50	-0.22	1.75	0.95	-83.68	-0.29
	138	25.50	0.22	50.62	-0.95	110.56	0.06
32	137	9.02	-0.17	11.41	6.23	-108.12	-0.12
	138	-9.02	0.17	40.96	-6.23	124.37	-0.06
33	137	-7.67	-0.18	7.36	3.40	-90.96	-0.19
	138	7.67	0.18	45.01	-3.40	111.67	0.00
34	137	-7.92	-0.18	7.06	3.50	-92.93	-0.20
	138	7.92	0.18	45.31	-3.50	113.97	0.00
35	137	-7.58	-0.23	7.12	3.44	-91.26	-0.25
	138	7.58	0.23	45.25	-3.44	112.24	-0.01
36	137	-7.79	-0.12	7.70	3.33	-90.63	-0.14
	138	7.79	0.12	44.67	-3.33	110.97	0.00
37	137	-11.11	-0.18	6.39	2.86	-88.52	-0.21
	138	11.11	0.18	45.98	-2.86	110.29	0.01
38	137	-4.21	-0.18	8.32	3.92	-93.41	-0.18
	138	4.21	0.18	44.05	-3.92	113.06	-0.01
39	137	-7.67	-0.18	7.36	3.40	-90.96	-0.19

	138	7.67	0.18	45.01	-3.40	111.67	0.00
40	137	13.66	-5.70	-13.46	1.53	-29.90	-5.38
	138	-13.66	5.70	13.46	-1.53	44.71	-0.89
41	137	0.57	-6.61	-16.68	0.18	-23.55	-6.84
	138	-0.57	6.61	16.68	-0.18	41.90	-0.44
42	137	-214.18	-0.14	-62.64	-19.85	144.50	-1.00
	138	214.18	0.14	62.64	19.85	-75.60	0.84
43	137	-170.31	0.28	-50.05	-16.31	116.68	-0.19
	138	170.31	-0.28	50.05	16.31	-61.63	0.50
44	137	-58.26	-5.92	-24.89	-1.03	-77.51	-5.87
	138	58.26	5.92	77.26	1.03	133.70	-0.64
45	137	70.25	-5.83	12.69	10.89	-164.21	-5.27
	138	-70.25	5.83	39.68	-10.89	179.06	-1.14
46	137	-45.10	-5.79	-21.12	0.04	-85.86	-5.63
	138	45.10	5.79	73.49	-0.04	137.89	-0.74
47	137	57.08	-5.96	8.91	9.82	-155.86	-5.52
	138	-57.08	5.96	43.46	-9.82	174.86	-1.04
48	137	-85.59	5.47	2.03	-4.08	-17.71	4.88
	138	85.59	-5.47	50.34	4.08	44.28	1.14
49	137	42.92	5.56	39.62	7.83	-104.41	5.48
	138	-42.92	-5.56	12.75	-7.83	89.64	0.63
50	137	-72.42	5.60	5.81	-3.02	-26.06	5.13
	138	72.42	-5.60	46.56	3.02	48.47	1.03
51	137	29.76	5.43	35.84	6.77	-96.06	5.24
	138	-29.76	-5.43	16.53	-6.77	85.44	0.73
52	137	-71.35	-6.84	-28.11	-2.37	-71.16	-7.33
	138	71.35	6.84	80.48	2.37	130.88	-0.19
53	137	57.16	-6.75	9.47	9.54	-157.86	-6.73
	138	-57.16	6.75	42.90	-9.54	176.24	-0.69
54	137	-58.19	-6.71	-24.33	-1.31	-79.50	-7.09
	138	58.19	6.71	76.70	1.31	135.07	-0.29
55	137	43.99	-6.88	5.69	8.47	-149.51	-6.97
	138	-43.99	6.88	46.68	-8.47	172.05	-0.59
56	137	-72.50	6.39	5.25	-2.73	-24.06	6.34
	138	72.50	-6.39	47.12	2.73	47.09	0.69
57	137	56.01	6.48	42.83	9.18	-110.77	6.94
	138	-56.01	-6.48	9.54	-9.18	92.45	0.18
58	137	-59.33	6.52	9.03	-1.67	-32.41	6.59
	138	59.33	-6.52	43.34	1.67	51.28	0.59
59	137	42.85	6.35	39.06	8.11	-102.42	6.70
	138	-42.85	-6.35	13.31	-8.11	88.26	0.28
60	137	-217.75	-2.03	-59.32	-15.99	44.57	-2.81
	138	217.75	2.03	111.69	15.99	49.48	0.57
61	137	-225.95	1.38	-51.24	-16.91	62.51	0.42
	138	225.95	-1.38	103.61	16.91	22.65	1.11
62	137	-221.68	-2.31	-60.28	-16.40	46.48	-3.25
	138	221.68	2.31	112.65	16.40	48.64	0.71
63	137	-222.02	1.66	-50.27	-16.50	60.61	0.86
	138	222.02	-1.66	102.64	16.50	23.50	0.97
64	137	210.61	-1.74	65.96	23.71	-244.43	-0.81

		138	-210.61	1.74	-13.59	-23.71	200.68	-1.11
65		137	202.41	1.67	74.04	22.80	-226.49	2.42
		138	-202.41	-1.67	-21.67	-22.80	173.85	-0.58
66		137	206.68	-2.02	65.00	23.31	-242.53	-1.24
		138	-206.68	2.02	-12.63	-23.31	199.83	-0.98
67		137	206.34	1.95	75.01	23.20	-228.40	2.86
		138	-206.34	-1.95	-22.64	-23.20	174.70	-0.71
68		137	-173.88	-1.60	-46.72	-12.45	16.75	-2.00
		138	173.88	1.60	99.10	12.45	63.45	0.23
69		137	-182.07	1.81	-38.65	-13.37	34.69	1.23
		138	182.07	-1.81	91.02	13.37	36.63	0.76
70		137	-177.80	-1.88	-47.69	-12.85	18.65	-2.43
		138	177.80	1.88	100.06	12.85	62.61	0.37
71		137	-178.15	2.09	-37.68	-12.96	32.78	1.67
		138	178.15	-2.09	90.05	12.96	37.47	0.63
72		137	166.73	-2.17	53.37	20.17	-216.61	-1.62
		138	-166.73	2.17	-1.00	-20.17	186.71	-0.77
73		137	158.54	1.24	61.45	19.25	-198.67	1.61
		138	-158.54	-1.24	-9.08	-19.25	159.88	-0.24
74		137	162.81	-2.45	52.40	19.76	-214.70	-2.06
		138	-162.81	2.45	-0.03	-19.76	185.86	-0.64
75		137	162.46	1.52	62.41	19.66	-200.58	2.04
		138	-162.46	-1.52	-10.04	-19.66	160.72	-0.37
176	1	138	-4.86	-0.08	15.05	2.54	-88.54	0.00
		139	4.86	0.08	5.85	-2.54	83.48	-0.09
2		138	-2.81	-0.10	15.89	0.86	-23.13	0.01
		139	2.81	0.10	15.58	-0.86	22.96	-0.11
3		138	-0.77	-0.01	0.71	0.40	-5.48	0.00
		139	0.77	0.01	-0.71	-0.40	4.69	-0.01
4		138	-1.24	-0.02	1.47	0.51	-11.51	0.00
		139	1.24	0.02	-1.47	-0.51	9.89	-0.02
5		138	0.47	-0.28	-0.96	0.19	-2.85	0.03
		139	-0.47	0.28	0.96	-0.19	3.91	-0.33
6		138	-0.60	0.28	1.51	-0.35	3.51	-0.03
		139	0.60	-0.28	-1.51	0.35	-5.17	0.34
7		138	-17.21	-0.03	-5.82	-2.71	6.86	-0.06
		139	17.21	0.03	5.82	2.71	-0.47	0.03
8		138	17.31	0.02	5.77	2.57	-6.95	0.06
		139	-17.31	-0.02	-5.77	-2.57	0.60	-0.03
9		138	-11.63	-0.52	41.53	5.58	-164.58	0.03
		139	11.63	0.52	26.56	-5.58	156.34	-0.60
10		138	-12.59	-0.02	43.75	5.09	-158.86	-0.03
		139	12.59	0.02	24.33	-5.09	148.18	0.00
11		138	-27.54	-0.29	37.16	2.97	-155.84	-0.05
		139	27.54	0.29	30.93	-2.97	152.41	-0.27
12		138	3.52	-0.25	47.58	7.72	-168.26	0.06
		139	-3.52	0.25	20.50	-7.72	153.37	-0.33
13		138	-11.41	-0.52	41.57	5.36	-165.00	0.03
		139	11.41	0.52	26.52	-5.36	156.72	-0.60

14	138	-12.37	-0.02	43.79	4.88	-159.27	-0.03
	139	12.37	0.02	24.29	-4.88	148.55	0.01
15	138	-27.32	-0.29	37.19	2.76	-156.25	-0.05
	139	27.32	0.29	30.89	-2.76	152.79	-0.27
16	138	3.75	-0.25	47.62	7.51	-168.68	0.05
	139	-3.75	0.25	20.46	-7.51	153.74	-0.33
17	138	-10.20	-0.67	39.88	5.09	-158.08	0.05
	139	10.20	0.67	28.20	-5.09	151.65	-0.78
18	138	-11.79	0.17	43.59	4.28	-148.54	-0.04
	139	11.79	-0.17	24.49	-4.28	138.04	0.23
19	138	-36.72	-0.29	32.60	0.75	-143.50	-0.09
	139	36.72	0.29	35.48	-0.75	145.09	-0.23
20	138	15.06	-0.22	49.98	8.67	-164.22	0.09
	139	-15.06	0.22	18.10	-8.67	146.69	-0.33
21	138	-8.78	-0.37	31.81	4.17	-124.61	0.02
	139	8.78	0.37	20.56	-4.17	118.42	-0.43
22	138	-9.42	-0.04	33.29	3.85	-120.79	-0.02
	139	9.42	0.04	19.08	-3.85	112.98	-0.02
23	138	-19.38	-0.22	28.90	2.43	-118.78	-0.03
	139	19.38	0.22	23.48	-2.43	115.80	-0.21
24	138	1.33	-0.19	35.85	5.60	-127.06	0.04
	139	-1.33	0.19	16.52	-5.60	116.44	-0.25
25	138	-8.63	-0.37	31.83	4.03	-124.89	0.02
	139	8.63	0.37	20.54	-4.03	118.67	-0.42
26	138	-9.27	-0.03	33.32	3.71	-121.07	-0.02
	139	9.27	0.03	19.05	-3.71	113.23	-0.02
27	138	-19.24	-0.22	28.92	2.29	-119.06	-0.03
	139	19.24	0.22	23.45	-2.29	116.05	-0.21
28	138	1.47	-0.19	35.87	5.46	-127.34	0.04
	139	-1.47	0.19	16.50	-5.46	116.69	-0.24
29	138	-7.82	-0.47	30.71	3.85	-120.27	0.03
	139	7.82	0.47	21.66	-3.85	115.29	-0.55
30	138	-8.89	0.09	33.18	3.31	-113.91	-0.03
	139	8.89	-0.09	19.19	-3.31	106.22	0.13
31	138	-25.50	-0.22	25.86	0.95	-110.56	-0.06
	139	25.50	0.22	26.51	-0.95	110.92	-0.18
32	138	9.02	-0.17	37.44	6.23	-124.37	0.06
	139	-9.02	0.17	14.93	-6.23	111.98	-0.25
33	138	-7.67	-0.18	30.94	3.40	-111.67	0.00
	139	7.67	0.18	21.43	-3.40	106.44	-0.20
34	138	-7.92	-0.18	31.23	3.50	-113.97	0.00
	139	7.92	0.18	21.14	-3.50	108.42	-0.21
35	138	-7.58	-0.23	30.74	3.44	-112.24	0.01
	139	7.58	0.23	21.63	-3.44	107.22	-0.27
36	138	-7.79	-0.12	31.24	3.33	-110.97	0.00
	139	7.79	0.12	21.13	-3.33	105.41	-0.13
37	138	-11.11	-0.18	29.77	2.86	-110.29	-0.01
	139	11.11	0.18	22.60	-2.86	106.35	-0.19
38	138	-4.21	-0.18	32.09	3.92	-113.06	0.01
	139	4.21	0.18	20.28	-3.92	106.56	-0.21

39	138	-7.67	-0.18	30.94	3.40	-111.67	0.00
	139	7.67	0.18	21.43	-3.40	106.44	-0.20
40	138	13.66	-5.70	-6.93	1.53	-44.71	0.89
	139	-13.66	5.70	6.93	-1.53	52.33	-7.15
41	138	0.57	-6.61	-10.28	0.18	-41.90	0.44
	139	-0.57	6.61	10.28	-0.18	53.21	-7.71
42	138	-214.18	-0.14	-71.54	-19.85	75.60	-0.84
	139	214.18	0.14	71.54	19.85	3.10	0.68
43	138	-170.31	0.28	-57.51	-16.31	61.63	-0.50
	139	170.31	-0.28	57.51	16.31	1.63	0.81
44	138	-58.26	-5.92	2.54	-1.03	-133.70	0.64
	139	58.26	5.92	49.83	1.03	159.70	-7.15
45	138	70.25	-5.83	45.47	10.89	-179.06	1.14
	139	-70.25	5.83	6.90	-10.89	157.84	-7.56
46	138	-45.10	-5.79	6.76	0.04	-137.89	0.74
	139	45.10	5.79	45.62	-0.04	159.26	-7.11
47	138	57.08	-5.96	41.26	9.82	-174.86	1.04
	139	-57.08	5.96	11.11	-9.82	158.28	-7.60
48	138	-85.59	5.47	16.40	-4.08	-44.28	-1.14
	139	85.59	-5.47	35.97	4.08	55.04	7.16
49	138	42.92	5.56	59.33	7.83	-89.64	-0.63
	139	-42.92	-5.56	-6.96	-7.83	53.18	6.75
50	138	-72.42	5.60	20.61	-3.02	-48.47	-1.03
	139	72.42	-5.60	31.76	3.02	54.60	7.20
51	138	29.76	5.43	55.12	6.77	-85.44	-0.73
	139	-29.76	-5.43	-2.75	-6.77	53.62	6.71
52	138	-71.35	-6.84	-0.81	-2.37	-130.88	0.19
	139	71.35	6.84	53.18	2.37	160.58	-7.71
53	138	57.16	-6.75	42.12	9.54	-176.24	0.69
	139	-57.16	6.75	10.25	-9.54	158.72	-8.12
54	138	-58.19	-6.71	3.40	-1.31	-135.07	0.29
	139	58.19	6.71	48.97	1.31	160.14	-7.67
55	138	43.99	-6.88	37.91	8.47	-172.05	0.59
	139	-43.99	6.88	14.47	-8.47	159.16	-8.16
56	138	-72.50	6.39	19.76	-2.73	-47.09	-0.69
	139	72.50	-6.39	32.61	2.73	54.16	7.72
57	138	56.01	6.48	62.68	9.18	-92.45	-0.18
	139	-56.01	-6.48	-10.31	-9.18	52.31	7.31
58	138	-59.33	6.52	23.97	-1.67	-51.28	-0.59
	139	59.33	-6.52	28.40	1.67	53.72	7.76
59	138	42.85	6.35	58.47	8.11	-88.26	-0.28
	139	-42.85	-6.35	-6.10	-8.11	52.75	7.27
60	138	-217.75	-2.03	-42.68	-15.99	-49.48	-0.57
	139	217.75	2.03	95.05	15.99	125.24	-1.66
61	138	-225.95	1.38	-38.53	-16.91	-22.65	-1.11
	139	225.95	-1.38	90.90	16.91	93.84	2.63
62	138	-221.68	-2.31	-43.69	-16.40	-48.64	-0.71
	139	221.68	2.31	96.06	16.40	125.50	-1.83
63	138	-222.02	1.66	-37.52	-16.50	-23.50	-0.97
	139	222.02	-1.66	89.89	16.50	93.57	2.80

64	138	210.61	-1.74	100.40	23.71	-200.68	1.11
	139	-210.61	1.74	-48.03	-23.71	119.04	-3.03
65	138	202.41	1.67	104.56	22.80	-173.85	0.58
	139	-202.41	-1.67	-52.19	-22.80	87.65	1.26
66	138	206.68	-2.02	99.39	23.31	-199.83	0.98
	139	-206.68	2.02	-47.02	-23.31	119.31	-3.20
67	138	206.34	1.95	105.56	23.20	-174.70	0.71
	139	-206.34	-1.95	-53.19	-23.20	87.38	1.43
68	138	-173.88	-1.60	-28.65	-12.45	-63.45	-0.23
	139	173.88	1.60	81.02	12.45	123.77	-1.53
69	138	-182.07	1.81	-24.49	-13.37	-36.63	-0.76
	139	182.07	-1.81	76.86	13.37	92.37	2.76
70	138	-177.80	-1.88	-29.65	-12.85	-62.61	-0.37
	139	177.80	1.88	82.03	12.85	124.03	-1.70
71	138	-178.15	2.09	-23.48	-12.96	-37.47	-0.63
	139	178.15	-2.09	75.86	12.96	92.11	2.93
72	138	166.73	-2.17	86.36	20.17	-186.71	0.77
	139	-166.73	2.17	-33.99	-20.17	120.51	-3.16
73	138	158.54	1.24	90.52	19.25	-159.88	0.24
	139	-158.54	-1.24	-38.15	-19.25	89.11	1.13
74	138	162.81	-2.45	85.36	19.76	-185.86	0.64
	139	-162.81	2.45	-32.99	-19.76	120.77	-3.33
75	138	162.46	1.52	91.53	19.66	-160.72	0.37
	139	-162.46	-1.52	-39.16	-19.66	88.85	1.30
177	139	-4.86	-0.08	34.53	2.54	-83.48	0.09
	140	4.86	0.08	-13.63	-2.54	56.99	-0.18
2	139	-2.81	-0.10	19.27	0.86	-22.96	0.11
	140	2.81	0.10	12.20	-0.86	19.07	-0.22
3	139	-0.77	-0.01	2.09	0.40	-4.69	0.01
	140	0.77	0.01	-2.09	-0.40	2.39	-0.03
4	139	-1.24	-0.02	4.40	0.51	-9.89	0.02
	140	1.24	0.02	-4.40	-0.51	5.05	-0.05
5	139	0.47	-0.28	-0.75	0.19	-3.91	0.33
	140	-0.47	0.28	0.75	-0.19	4.73	-0.64
6	139	-0.60	0.28	1.39	-0.35	5.17	-0.34
	140	0.60	-0.28	-1.39	0.35	-6.70	0.64
7	139	-17.21	-0.03	-6.41	-2.71	0.47	-0.03
	140	17.21	0.03	6.41	2.71	6.59	0.00
8	139	17.31	0.02	6.37	2.57	-0.60	0.03
	140	-17.31	-0.02	-6.37	-2.57	-6.41	-0.01
9	139	-11.63	-0.52	75.70	5.58	-156.34	0.60
	140	11.63	0.52	-7.62	-5.58	110.51	-1.17
10	139	-12.59	-0.02	77.63	5.09	-148.18	0.00
	140	12.59	0.02	-9.55	-5.09	100.23	-0.02
11	139	-27.54	-0.29	70.60	2.97	-152.41	0.27
	140	27.54	0.29	-2.52	-2.97	112.19	-0.59
12	139	3.52	-0.25	82.11	7.72	-153.37	0.33
	140	-3.52	0.25	-14.02	-7.72	100.50	-0.61
13	139	-11.41	-0.52	75.87	5.36	-156.72	0.60

	140	11.41	0.52	-7.79	-5.36	110.71	-1.16
14	139	-12.37	-0.02	77.79	4.88	-148.55	-0.01
	140	12.37	0.02	-9.71	-4.88	100.43	-0.01
15	139	-27.32	-0.29	70.77	2.76	-152.79	0.27
	140	27.32	0.29	-2.69	-2.76	112.39	-0.59
16	139	3.75	-0.25	82.27	7.51	-153.74	0.33
	140	-3.75	0.25	-14.19	-7.51	100.69	-0.60
17	139	-10.20	-0.67	72.12	5.09	-151.65	0.78
	140	10.20	0.67	-4.04	-5.09	109.76	-1.51
18	139	-11.79	0.17	75.33	4.28	-138.04	-0.23
	140	11.79	-0.17	-7.25	-4.28	92.62	0.41
19	139	-36.72	-0.29	63.62	0.75	-145.09	0.23
	140	36.72	0.29	4.46	-0.75	112.55	-0.55
20	139	15.06	-0.22	82.79	8.67	-146.69	0.33
	140	-15.06	0.22	-14.71	-8.67	93.06	-0.57
21	139	-8.78	-0.37	57.64	4.17	-118.42	0.43
	140	8.78	0.37	-5.27	-4.17	83.82	-0.83
22	139	-9.42	-0.04	58.93	3.85	-112.98	0.02
	140	9.42	0.04	-6.55	-3.85	76.96	-0.06
23	139	-19.38	-0.22	54.24	2.43	-115.80	0.21
	140	19.38	0.22	-1.87	-2.43	84.94	-0.45
24	139	1.33	-0.19	61.91	5.60	-116.44	0.25
	140	-1.33	0.19	-9.54	-5.60	77.14	-0.46
25	139	-8.63	-0.37	57.75	4.03	-118.67	0.42
	140	8.63	0.37	-5.38	-4.03	83.95	-0.83
26	139	-9.27	-0.03	59.04	3.71	-113.23	0.02
	140	9.27	0.03	-6.66	-3.71	77.09	-0.06
27	139	-19.24	-0.22	54.35	2.29	-116.05	0.21
	140	19.24	0.22	-1.98	-2.29	85.07	-0.44
28	139	1.47	-0.19	62.02	5.46	-116.69	0.24
	140	-1.47	0.19	-9.65	-5.46	77.27	-0.45
29	139	-7.82	-0.47	55.26	3.85	-115.29	0.55
	140	7.82	0.47	-2.88	-3.85	83.31	-1.06
30	139	-8.89	0.09	57.39	3.31	-106.22	-0.13
	140	8.89	-0.09	-5.02	-3.31	71.89	0.22
31	139	-25.50	-0.22	49.59	0.95	-110.92	0.18
	140	25.50	0.22	2.78	-0.95	85.18	-0.42
32	139	9.02	-0.17	62.37	6.23	-111.98	0.25
	140	-9.02	0.17	-10.00	-6.23	72.18	-0.43
33	139	-7.67	-0.18	53.80	3.40	-106.44	0.20
	140	7.67	0.18	-1.43	-3.40	76.06	-0.40
34	139	-7.92	-0.18	54.68	3.50	-108.42	0.21
	140	7.92	0.18	-2.31	-3.50	77.07	-0.41
35	139	-7.58	-0.23	53.65	3.44	-107.22	0.27
	140	7.58	0.23	-1.28	-3.44	77.01	-0.53
36	139	-7.79	-0.12	54.08	3.33	-105.41	0.13
	140	7.79	0.12	-1.71	-3.33	74.72	-0.27
37	139	-11.11	-0.18	52.52	2.86	-106.35	0.19
	140	11.11	0.18	-0.15	-2.86	77.38	-0.40
38	139	-4.21	-0.18	55.07	3.92	-106.56	0.21

	140	4.21	0.18	-2.70	-3.92	74.78	-0.40
39	139	-7.67	-0.18	53.80	3.40	-106.44	0.20
	140	7.67	0.18	-1.43	-3.40	76.06	-0.40
40	139	13.66	-5.70	-0.89	1.53	-52.33	7.15
	140	-13.66	5.70	0.89	-1.53	53.31	-13.42
41	139	0.57	-6.61	-4.33	0.18	-53.21	7.71
	140	-0.57	6.61	4.33	-0.18	57.97	-14.99
42	139	-214.18	-0.14	-77.09	-19.85	-3.10	-0.68
	140	214.18	0.14	77.09	19.85	87.90	0.52
43	139	-170.31	0.28	-62.15	-16.31	-1.63	-0.81
	140	170.31	-0.28	62.15	16.31	70.00	1.13
44	139	-58.26	-5.92	29.79	-1.03	-159.70	7.15
	140	58.26	5.92	22.58	1.03	155.74	-13.66
45	139	70.25	-5.83	76.04	10.89	-157.84	7.56
	140	-70.25	5.83	-23.67	-10.89	103.00	-13.97
46	139	-45.10	-5.79	34.27	0.04	-159.26	7.11
	140	45.10	5.79	18.10	-0.04	150.37	-13.48
47	139	57.08	-5.96	71.56	9.82	-158.28	7.60
	140	-57.08	5.96	-19.19	-9.82	108.37	-14.15
48	139	-85.59	5.47	31.56	-4.08	-55.04	-7.16
	140	85.59	-5.47	20.81	4.08	49.13	13.18
49	139	42.92	5.56	77.81	7.83	-53.18	-6.75
	140	-42.92	-5.56	-25.44	-7.83	-3.61	12.86
50	139	-72.42	5.60	36.04	-3.02	-54.60	-7.20
	140	72.42	-5.60	16.33	3.02	43.76	13.36
51	139	29.76	5.43	73.33	6.77	-53.62	-6.71
	140	-29.76	-5.43	-20.96	-6.77	1.76	12.68
52	139	-71.35	-6.84	26.35	-2.37	-160.58	7.71
	140	71.35	6.84	26.02	2.37	160.40	-15.23
53	139	57.16	-6.75	72.60	9.54	-158.72	8.12
	140	-57.16	6.75	-20.23	-9.54	107.66	-15.54
54	139	-58.19	-6.71	30.83	-1.31	-160.14	7.67
	140	58.19	6.71	21.54	1.31	155.03	-15.05
55	139	43.99	-6.88	68.12	8.47	-159.16	8.16
	140	-43.99	6.88	-15.75	-8.47	113.03	-15.72
56	139	-72.50	6.39	35.00	-2.73	-54.16	-7.72
	140	72.50	-6.39	17.37	2.73	44.47	14.75
57	139	56.01	6.48	81.26	9.18	-52.31	-7.31
	140	-56.01	-6.48	-28.88	-9.18	-8.27	14.43
58	139	-59.33	6.52	39.48	-1.67	-53.72	-7.76
	140	59.33	-6.52	12.89	1.67	39.10	14.93
59	139	42.85	6.35	76.77	8.11	-52.75	-7.27
	140	-42.85	-6.35	-24.40	-8.11	-2.90	14.25
60	139	-217.75	-2.03	-23.56	-15.99	-125.24	1.66
	140	217.75	2.03	75.93	15.99	179.95	-3.90
61	139	-225.95	1.38	-23.03	-16.91	-93.84	-2.63
	140	225.95	-1.38	75.40	16.91	147.97	4.15
62	139	-221.68	-2.31	-24.59	-16.40	-125.50	1.83
	140	221.68	2.31	76.96	16.40	181.35	-4.37
63	139	-222.02	1.66	-21.99	-16.50	-93.57	-2.80

	140	222.02	-1.66	74.36	16.50	146.57	4.62	
64	139	210.61	-1.74	130.63	23.71	-119.04	3.03	
	140	-210.61	1.74	-78.26	-23.71	4.16	-4.95	
65	139	202.41	1.67	131.16	22.80	-87.65	-1.26	
	140	-202.41	-1.67	-78.79	-22.80	-27.83	3.10	
66	139	206.68	-2.02	129.59	23.31	-119.31	3.20	
	140	-206.68	2.02	-77.22	-23.31	5.56	-5.42	
67	139	206.34	1.95	132.19	23.20	-87.38	-1.43	
	140	-206.34	-1.95	-79.82	-23.20	-29.22	3.57	
68	139	-173.88	-1.60	-8.62	-12.45	-123.77	1.53	
	140	173.88	1.60	60.99	12.45	162.05	-3.30	
69	139	-182.07	1.81	-8.09	-13.37	-92.37	-2.76	
	140	182.07	-1.81	60.46	13.37	130.07	4.75	
70	139	-177.80	-1.88	-9.65	-12.85	-124.03	1.70	
	140	177.80	1.88	62.02	12.85	163.45	-3.77	
71	139	-178.15	2.09	-7.05	-12.96	-92.11	-2.93	
	140	178.15	-2.09	59.43	12.96	128.67	5.23	
72	139	166.73	-2.17	115.69	20.17	-120.51	3.16	
	140	-166.73	2.17	-63.32	-20.17	22.06	-5.55	
73	139	158.54	1.24	116.22	19.25	-89.11	-1.13	
	140	-158.54	-1.24	-63.85	-19.25	-9.93	2.50	
74	139	162.81	-2.45	114.66	19.76	-120.77	3.33	
	140	-162.81	2.45	-62.29	-19.76	23.45	-6.02	
75	139	162.46	1.52	117.25	19.66	-88.85	-1.30	
	140	-162.46	-1.52	-64.88	-19.66	-11.33	2.97	
178	1	140	-4.86	-0.08	53.78	2.54	-56.99	0.18
		10	4.86	0.08	-40.96	-2.54	25.02	-0.23
2	140	-2.81	-0.10	22.58	0.86	-19.07	0.22	
		10	2.81	0.10	-3.26	-0.86	10.35	-0.29
3	140	-0.77	-0.01	3.46	0.40	-2.39	0.03	
		10	0.77	0.01	-3.46	-0.40	0.06	-0.04
4	140	-1.24	-0.02	7.30	0.51	-5.05	0.05	
		10	1.24	0.02	-7.30	-0.51	0.12	-0.06
5	140	0.47	-0.28	-0.55	0.19	-4.73	0.64	
		10	-0.47	0.28	0.55	-0.19	5.10	-0.83
6	140	-0.60	0.28	1.30	-0.35	6.70	-0.64	
		10	0.60	-0.28	-1.30	0.35	-7.58	0.83
7	140	-17.21	-0.03	-6.65	-2.71	-6.59	0.00	
		10	17.21	0.03	6.65	2.71	11.08	-0.01
8	140	17.31	0.02	6.60	2.57	6.41	0.01	
		10	-17.31	-0.02	-6.60	-2.57	-10.86	0.00
9	140	-11.63	-0.52	109.43	5.58	-110.51	1.17	
		10	11.63	0.52	-67.66	-5.58	50.75	-1.52
10	140	-12.59	-0.02	111.11	5.09	-100.23	0.02	
		10	12.59	0.02	-69.33	-5.09	39.34	-0.03
11	140	-27.54	-0.29	103.95	2.97	-112.19	0.59	
		10	27.54	0.29	-62.17	-2.97	56.13	-0.79
12	140	3.52	-0.25	115.87	7.72	-100.50	0.61	
		10	-3.52	0.25	-74.09	-7.72	36.38	-0.78

13	140	-11.41	-0.52	109.73	5.36	-110.71	1.16
	10	11.41	0.52	-67.95	-5.36	50.74	-1.51
14	140	-12.37	-0.02	111.40	4.88	-100.43	0.01
	10	12.37	0.02	-69.62	-4.88	39.33	-0.02
15	140	-27.32	-0.29	104.24	2.76	-112.39	0.59
	10	27.32	0.29	-62.46	-2.76	56.12	-0.78
16	140	3.75	-0.25	116.16	7.51	-100.69	0.60
	10	-3.75	0.25	-74.38	-7.51	36.38	-0.77
17	140	-10.20	-0.67	103.92	5.09	-109.76	1.51
	10	10.20	0.67	-62.14	-5.09	53.71	-1.96
18	140	-11.79	0.17	106.70	4.28	-92.62	-0.41
	10	11.79	-0.17	-64.92	-4.28	34.70	0.53
19	140	-36.72	-0.29	94.77	0.75	-112.55	0.55
	10	36.72	0.29	-53.00	-0.75	62.68	-0.74
20	140	15.06	-0.22	114.64	8.67	-93.06	0.57
	10	-15.06	0.22	-72.87	-8.67	29.78	-0.72
21	140	-8.78	-0.37	83.14	4.17	-83.82	0.83
	10	8.78	0.37	-51.00	-4.17	38.55	-1.08
22	140	-9.42	-0.04	84.25	3.85	-76.96	0.06
	10	9.42	0.04	-52.11	-3.85	30.94	-0.09
23	140	-19.38	-0.22	79.48	2.43	-84.94	0.45
	10	19.38	0.22	-47.34	-2.43	42.13	-0.60
24	140	1.33	-0.19	87.43	5.60	-77.14	0.46
	10	-1.33	0.19	-55.29	-5.60	28.97	-0.59
25	140	-8.63	-0.37	83.33	4.03	-83.95	0.83
	10	8.63	0.37	-51.20	-4.03	38.54	-1.08
26	140	-9.27	-0.03	84.45	3.71	-77.09	0.06
	10	9.27	0.03	-52.31	-3.71	30.94	-0.08
27	140	-19.24	-0.22	79.68	2.29	-85.07	0.44
	10	19.24	0.22	-47.54	-2.29	42.13	-0.59
28	140	1.47	-0.19	87.62	5.46	-77.27	0.45
	10	-1.47	0.19	-55.49	-5.46	28.97	-0.58
29	140	-7.82	-0.47	79.46	3.85	-83.31	1.06
	10	7.82	0.47	-47.32	-3.85	40.52	-1.38
30	140	-8.89	0.09	81.32	3.31	-71.89	-0.22
	10	8.89	-0.09	-49.18	-3.31	27.85	0.28
31	140	-25.50	-0.22	73.36	0.95	-85.18	0.42
	10	25.50	0.22	-41.23	-0.95	46.50	-0.57
32	140	9.02	-0.17	86.61	6.23	-72.18	0.43
	10	-9.02	0.17	-54.47	-6.23	24.57	-0.55
33	140	-7.67	-0.18	76.36	3.40	-76.06	0.40
	10	7.67	0.18	-44.22	-3.40	35.37	-0.52
34	140	-7.92	-0.18	77.82	3.50	-77.07	0.41
	10	7.92	0.18	-45.68	-3.50	35.39	-0.53
35	140	-7.58	-0.23	76.25	3.44	-77.01	0.53
	10	7.58	0.23	-44.11	-3.44	36.39	-0.68
36	140	-7.79	-0.12	76.62	3.33	-74.72	0.27
	10	7.79	0.12	-44.48	-3.33	33.85	-0.35
37	140	-11.11	-0.18	75.03	2.86	-77.38	0.40
	10	11.11	0.18	-42.89	-2.86	37.58	-0.52

38	140	-4.21	-0.18	77.68	3.92	-74.78	0.40
	10	4.21	0.18	-45.54	-3.92	33.20	-0.52
39	140	-7.67	-0.18	76.36	3.40	-76.06	0.40
	10	7.67	0.18	-44.22	-3.40	35.37	-0.52
40	140	13.66	-5.70	4.88	1.53	-53.31	13.42
	10	-13.66	5.70	-4.88	-1.53	50.01	-17.26
41	140	0.57	-6.61	1.40	0.18	-57.97	14.99
	10	-0.57	6.61	-1.40	-0.18	57.02	-19.45
42	140	-214.18	-0.14	-79.28	-19.85	-87.90	-0.52
	10	214.18	0.14	79.28	19.85	141.41	0.43
43	140	-170.31	0.28	-63.98	-16.31	-70.00	-1.13
	10	170.31	-0.28	63.98	16.31	113.18	1.32
44	140	-58.26	-5.92	57.46	-1.03	-155.74	13.66
	10	58.26	5.92	-25.32	1.03	127.80	-17.65
45	140	70.25	-5.83	105.02	10.89	-103.00	13.97
	10	-70.25	5.83	-72.89	-10.89	42.96	-17.91
46	140	-45.10	-5.79	62.05	0.04	-150.37	13.48
	10	45.10	5.79	-29.91	-0.04	119.34	-17.39
47	140	57.08	-5.96	100.43	9.82	-108.37	14.15
	10	-57.08	5.96	-68.30	-9.82	51.43	-18.18
48	140	-85.59	5.47	47.70	-4.08	-49.13	-13.18
	10	85.59	-5.47	-15.56	4.08	27.78	16.87
49	140	42.92	5.56	95.26	7.83	3.61	-12.86
	10	-42.92	-5.56	-63.13	-7.83	-57.07	16.62
50	140	-72.42	5.60	52.29	-3.02	-43.76	-13.36
	10	72.42	-5.60	-20.15	3.02	19.31	17.14
51	140	29.76	5.43	90.67	6.77	-1.76	-12.68
	10	-29.76	-5.43	-58.54	-6.77	-48.60	16.35
52	140	-71.35	-6.84	53.98	-2.37	-160.40	15.23
	10	71.35	6.84	-21.84	2.37	134.81	-19.84
53	140	57.16	-6.75	101.54	9.54	-107.66	15.54
	10	-57.16	6.75	-69.41	-9.54	49.97	-20.10
54	140	-58.19	-6.71	58.57	-1.31	-155.03	15.05
	10	58.19	6.71	-26.43	1.31	126.34	-19.57
55	140	43.99	-6.88	96.95	8.47	-113.03	15.72
	10	-43.99	6.88	-64.82	-8.47	58.43	-20.37
56	140	-72.50	6.39	51.17	-2.73	-44.47	-14.75
	10	72.50	-6.39	-19.04	2.73	20.77	19.06
57	140	56.01	6.48	98.74	9.18	8.27	-14.43
	10	-56.01	-6.48	-66.60	-9.18	-64.08	18.80
58	140	-59.33	6.52	55.76	-1.67	-39.10	-14.93
	10	59.33	-6.52	-23.63	1.67	12.30	19.33
59	140	42.85	6.35	94.15	8.11	2.90	-14.25
	10	-42.85	-6.35	-62.02	-8.11	-55.61	18.54
60	140	-217.75	-2.03	-1.45	-15.99	-179.95	3.90
	10	217.75	2.03	33.59	15.99	191.78	-5.27
61	140	-225.95	1.38	-4.38	-16.91	-147.97	-4.15
	10	225.95	-1.38	36.52	16.91	161.77	5.09
62	140	-221.68	-2.31	-2.50	-16.40	-181.35	4.37
	10	221.68	2.31	34.63	16.40	193.88	-5.93

63	140	-222.02	1.66	-3.34	-16.50	-146.57	-4.62	
	10	222.02	-1.66	35.48	16.50	159.67	5.74	
64	140	210.61	-1.74	157.10	23.71	-4.16	4.95	
	10	-210.61	1.74	-124.96	-23.71	-91.04	-6.12	
65	140	202.41	1.67	154.17	22.80	27.83	-3.10	
	10	-202.41	-1.67	-122.04	-22.80	-121.05	4.23	
66	140	206.68	-2.02	156.06	23.31	-5.56	5.42	
	10	-206.68	2.02	-123.92	-23.31	-88.94	-6.78	
67	140	206.34	1.95	155.22	23.20	29.22	-3.57	
	10	-206.34	-1.95	-123.08	-23.20	-123.15	4.89	
68	140	-173.88	-1.60	13.84	-12.45	-162.05	3.30	
	10	173.88	1.60	18.29	12.45	163.56	-4.38	
69	140	-182.07	1.81	10.92	-13.37	-130.07	-4.75	
	10	182.07	-1.81	21.22	13.37	133.55	5.98	
70	140	-177.80	-1.88	12.80	-12.85	-163.45	3.77	
	10	177.80	1.88	19.34	12.85	165.66	-5.03	
71	140	-178.15	2.09	11.96	-12.96	-128.67	-5.23	
	10	178.15	-2.09	20.18	12.96	131.45	6.64	
72	140	166.73	-2.17	141.80	20.17	-22.06	5.55	
	10	-166.73	2.17	-109.67	-20.17	-62.81	-7.02	
73	140	158.54	1.24	138.87	19.25	9.93	-2.50	
	10	-158.54	-1.24	-106.74	-19.25	-92.82	3.34	
74	140	162.81	-2.45	140.76	19.76	-23.45	6.02	
	10	-162.81	2.45	-108.62	-19.76	-60.71	-7.67	
75	140	162.46	1.52	139.92	19.66	11.33	-2.97	
	10	-162.46	-1.52	-107.78	-19.66	-94.92	4.00	
179	1	10	-4.86	0.11	-40.96	-2.54	-25.02	0.26
		141	4.86	-0.11	53.78	2.54	56.99	-0.19
2	10	-2.81	0.10	-3.26	-0.86	-10.35	0.28	
	141	2.81	-0.10	22.58	0.86	19.07	-0.22	
3	10	-0.77	0.02	-3.46	-0.40	-0.06	0.05	
	141	0.77	-0.02	3.46	0.40	2.40	-0.04	
4	10	-1.25	0.03	-7.30	-0.51	-0.12	0.09	
	141	1.25	-0.03	7.30	0.51	5.05	-0.07	
5	10	0.49	0.21	0.55	-0.19	-5.10	0.74	
	141	-0.49	-0.21	-0.55	0.19	4.73	-0.59	
6	10	-0.62	-0.21	-1.30	0.35	7.58	-0.74	
	141	0.62	0.21	1.30	-0.35	-6.70	0.59	
7	10	-7.33	0.03	-6.61	-2.56	11.07	0.09	
	141	7.33	-0.03	6.61	2.56	-6.61	-0.07	
8	10	7.43	-0.03	6.65	2.69	-11.28	-0.08	
	141	-7.43	0.03	-6.65	-2.69	6.79	0.06	
9	10	-11.63	0.51	-67.66	-5.58	-50.75	1.52	
	141	11.63	-0.51	109.43	5.58	110.52	-1.18	
10	10	-12.63	0.13	-69.33	-5.09	-39.34	0.20	
	141	12.63	-0.13	111.10	5.09	100.23	-0.11	
11	10	-18.66	0.35	-74.10	-7.71	-36.20	0.94	
	141	18.66	-0.35	115.87	7.71	100.32	-0.71	
12	10	-5.38	0.30	-62.16	-2.98	-56.31	0.79	

	141	5.38	-0.30	103.94	2.98	112.37	-0.59
13	10	-11.41	0.51	-67.95	-5.36	-50.75	1.52
	141	11.41	-0.51	109.73	5.36	110.71	-1.17
14	10	-12.41	0.13	-69.62	-4.88	-39.34	0.19
	141	12.41	-0.13	111.40	4.88	100.43	-0.10
15	10	-18.44	0.35	-74.39	-7.49	-36.20	0.93
	141	18.44	-0.35	116.17	7.49	100.51	-0.70
16	10	-5.16	0.29	-62.46	-2.77	-56.31	0.78
	141	5.16	-0.29	104.23	2.77	112.57	-0.58
17	10	-10.17	0.61	-62.14	-5.09	-53.71	1.89
	141	10.17	-0.61	103.92	5.09	109.76	-1.47
18	10	-11.84	-0.03	-64.92	-4.28	-34.70	-0.32
	141	11.84	0.03	106.70	4.28	92.62	0.30
19	10	-21.90	0.34	-72.88	-8.64	-29.47	0.92
	141	21.90	-0.34	114.65	8.64	92.76	-0.69
20	10	0.23	0.25	-52.99	-0.77	-62.99	0.66
	141	-0.23	-0.25	94.76	0.77	112.86	-0.49
21	10	-8.77	0.37	-51.00	-4.17	-38.55	1.09
	141	8.77	-0.37	83.14	4.17	83.82	-0.84
22	10	-9.44	0.11	-52.11	-3.85	-30.94	0.21
	141	9.44	-0.11	84.25	3.85	76.96	-0.13
23	10	-13.47	0.26	-55.29	-5.59	-28.85	0.70
	141	13.47	-0.26	87.43	5.59	77.02	-0.53
24	10	-4.61	0.22	-47.34	-2.44	-42.26	0.60
	141	4.61	-0.22	79.47	2.44	85.06	-0.45
25	10	-8.63	0.37	-51.20	-4.03	-38.55	1.08
	141	8.63	-0.37	83.33	4.03	83.95	-0.84
26	10	-9.29	0.11	-52.31	-3.70	-30.94	0.20
	141	9.29	-0.11	84.45	3.70	77.09	-0.12
27	10	-13.32	0.26	-55.49	-5.45	-28.85	0.70
	141	13.32	-0.26	87.63	5.45	77.15	-0.52
28	10	-4.46	0.22	-47.53	-2.30	-42.26	0.59
	141	4.46	-0.22	79.67	2.30	85.19	-0.44
29	10	-7.80	0.44	-47.32	-3.85	-40.53	1.33
	141	7.80	-0.44	79.46	3.85	83.31	-1.04
30	10	-8.92	0.01	-49.18	-3.31	-27.85	-0.14
	141	8.92	-0.01	81.32	3.31	71.89	0.15
31	10	-15.62	0.26	-54.48	-6.22	-24.36	0.69
	141	15.62	-0.26	86.62	6.22	71.98	-0.51
32	10	-0.87	0.19	-41.22	-0.97	-46.71	0.52
	141	0.87	-0.19	73.36	0.97	85.38	-0.38
33	10	-7.67	0.21	-44.22	-3.40	-35.37	0.55
	141	7.67	-0.21	76.36	3.40	76.06	-0.41
34	10	-7.92	0.21	-45.68	-3.50	-35.39	0.57
	141	7.92	-0.21	77.82	3.50	77.07	-0.42
35	10	-7.57	0.25	-44.11	-3.44	-36.39	0.70
	141	7.57	-0.25	76.25	3.44	77.01	-0.53
36	10	-7.79	0.16	-44.48	-3.33	-33.85	0.40
	141	7.79	-0.16	76.62	3.33	74.72	-0.29
37	10	-9.14	0.21	-45.54	-3.91	-33.15	0.57

	141	9.14	-0.21	77.68	3.91	74.74	-0.42
38	10	-6.18	0.20	-42.89	-2.86	-37.62	0.53
	141	6.18	-0.20	75.03	2.86	77.42	-0.40
39	10	-7.67	0.21	-44.22	-3.40	-35.37	0.55
	141	7.67	-0.21	76.36	3.40	76.06	-0.41
40	10	10.31	4.94	-1.41	-0.19	-57.09	17.12
	141	-10.31	-4.94	1.41	0.19	58.04	-13.78
41	10	4.80	4.51	-4.88	-1.52	-49.94	15.74
	141	-4.80	-4.51	4.88	1.52	53.24	-12.70
42	10	-91.67	0.67	-79.37	-19.65	143.96	1.77
	141	91.67	-0.67	79.37	19.65	-90.39	-1.32
43	10	-72.87	0.78	-64.05	-16.15	115.20	2.17
	141	72.87	-0.78	64.05	16.15	-71.97	-1.64
44	10	-24.86	5.35	-69.44	-9.49	-49.27	18.20
	141	24.86	-5.35	101.57	9.49	106.98	-14.59
45	10	30.14	4.95	-21.82	2.30	-135.64	17.13
	141	-30.14	-4.95	53.95	-2.30	161.22	-13.79
46	10	-19.22	5.38	-64.84	-8.44	-57.89	18.31
	141	19.22	-5.38	96.98	8.44	112.51	-14.68
47	10	24.50	4.91	-26.41	1.25	-127.02	17.01
	141	-24.50	-4.91	58.55	-1.25	155.69	-13.70
48	10	-45.48	-4.54	-66.63	-9.11	64.91	-16.04
	141	45.48	4.54	98.76	9.11	-9.09	12.97
49	10	9.52	-4.94	-19.01	2.68	-21.47	-17.10
	141	-9.52	4.94	51.14	-2.68	45.15	13.77
50	10	-39.84	-4.50	-62.03	-8.06	56.28	-15.92
	141	39.84	4.50	94.17	8.06	-3.56	12.88
51	10	3.88	-4.97	-23.60	1.63	-12.84	-17.22
	141	-3.88	4.97	55.74	-1.63	39.62	13.86
52	10	-30.37	4.92	-72.92	-10.82	-42.12	16.82
	141	30.37	-4.92	105.05	10.82	102.18	-13.51
53	10	24.63	4.52	-25.30	0.97	-128.49	15.76
	141	-24.63	-4.52	57.43	-0.97	156.42	-12.71
54	10	-24.73	4.95	-68.32	-9.77	-50.74	16.94
	141	24.73	-4.95	100.46	9.77	107.71	-13.60
55	10	18.99	4.48	-29.89	-0.08	-119.87	15.64
	141	-18.99	-4.48	62.03	0.08	150.89	-12.62
56	10	-39.97	-4.10	-63.15	-7.77	57.76	-14.66
	141	39.97	4.10	95.28	7.77	-4.29	11.89
57	10	15.03	-4.50	-15.53	4.02	-28.62	-15.73
	141	-15.03	4.50	47.66	-4.02	49.95	12.69
58	10	-34.33	-4.07	-58.55	-6.72	49.13	-14.54
	141	34.33	4.07	90.69	6.72	1.24	11.80
59	10	9.39	-4.54	-20.12	2.97	-19.99	-15.84
	141	-9.39	4.54	52.26	-2.97	44.42	12.78
60	10	-96.24	2.36	-124.01	-23.11	91.47	7.46
	141	96.24	-2.36	156.15	23.11	3.08	-5.87
61	10	-102.43	-0.61	-123.17	-23.00	125.72	-2.81
	141	102.43	0.61	155.30	23.00	-31.74	2.40
62	10	-97.90	2.23	-125.05	-23.51	93.61	7.04

		141	97.90	-2.23	157.19	23.51	1.64	-5.54
63		10	-100.78	-0.48	-122.12	-22.60	123.58	-2.40
		141	100.78	0.48	154.26	22.60	-30.30	2.08
64		10	87.09	1.02	34.72	16.19	-196.46	3.91
		141	-87.09	-1.02	-2.58	-16.19	183.87	-3.22
65		10	80.90	-1.94	35.56	16.31	-162.21	-6.36
		141	-80.90	1.94	-3.43	-16.31	149.05	5.05
66		10	85.44	0.89	33.68	15.79	-194.31	3.50
		141	-85.44	-0.89	-1.54	-15.79	182.43	-2.90
67		10	82.56	-1.81	36.61	16.71	-164.35	-5.95
		141	-82.56	1.81	-4.47	-16.71	150.49	4.72
68		10	-77.45	2.47	-108.69	-19.61	62.71	7.85
		141	77.45	-2.47	140.83	19.61	21.50	-6.18
69		10	-83.63	-0.49	-107.85	-19.50	96.96	-2.42
		141	83.63	0.49	139.99	19.50	-13.32	2.09
70		10	-79.10	2.34	-109.74	-20.01	64.86	7.44
		141	79.10	-2.34	141.88	20.01	20.06	-5.86
71		10	-81.98	-0.37	-106.81	-19.09	94.82	-2.01
		141	81.98	0.37	138.94	19.09	-11.88	1.76
72		10	68.29	0.91	19.41	12.69	-167.70	3.52
		141	-68.29	-0.91	12.73	-12.69	165.44	-2.90
73		10	62.11	-2.06	20.25	12.81	-133.45	-6.75
		141	-62.11	2.06	11.89	-12.81	130.62	5.36
74		10	66.64	0.78	18.36	12.29	-165.55	3.10
		141	-66.64	-0.78	13.77	-12.29	164.00	-2.58
75		10	63.76	-1.93	21.29	13.21	-135.59	-6.34
		141	-63.76	1.93	10.84	-13.21	132.06	5.04
180	1	141	-4.86	0.11	-13.63	-2.54	-56.99	0.19
		142	4.86	-0.11	34.53	2.54	83.48	-0.07
2		141	-2.81	0.10	12.20	-0.86	-19.07	0.22
		142	2.81	-0.10	19.27	0.86	22.96	-0.11
3		141	-0.77	0.02	-2.09	-0.40	-2.40	0.04
		142	0.77	-0.02	2.09	0.40	4.69	-0.02
4		141	-1.25	0.03	-4.40	-0.51	-5.05	0.07
		142	1.25	-0.03	4.40	0.51	9.89	-0.03
5		141	0.49	0.21	0.74	-0.19	-4.73	0.59
		142	-0.49	-0.21	-0.74	0.19	3.91	-0.36
6		141	-0.62	-0.21	-1.39	0.35	6.70	-0.59
		142	0.62	0.21	1.39	-0.35	-5.17	0.36
7		141	-7.33	0.03	-6.37	-2.56	6.61	0.07
		142	7.33	-0.03	6.37	2.56	0.40	-0.03
8		141	7.43	-0.03	6.42	2.69	-6.79	-0.06
		142	-7.43	0.03	-6.42	-2.69	-0.27	0.03
9		141	-11.63	0.51	-7.62	-5.58	-110.52	1.18
		142	11.63	-0.51	75.70	5.58	156.34	-0.61
10		141	-12.63	0.13	-9.54	-5.09	-100.23	0.11
		142	12.63	-0.13	77.63	5.09	148.18	0.03
11		141	-18.66	0.35	-14.02	-7.71	-100.32	0.71
		142	18.66	-0.35	82.10	7.71	153.19	-0.32

12	141	-5.38	0.30	-2.52	-2.98	-112.37	0.59
	142	5.38	-0.30	70.60	2.98	152.59	-0.27
13	141	-11.41	0.51	-7.79	-5.36	-110.71	1.17
	142	11.41	-0.51	75.87	5.36	156.72	-0.61
14	141	-12.41	0.13	-9.71	-4.88	-100.43	0.10
	142	12.41	-0.13	77.79	4.88	148.55	0.04
15	141	-18.44	0.35	-14.19	-7.49	-100.51	0.70
	142	18.44	-0.35	82.27	7.49	153.56	-0.32
16	141	-5.16	0.29	-2.68	-2.77	-112.57	0.58
	142	5.16	-0.29	70.77	2.77	152.96	-0.26
17	141	-10.17	0.61	-4.04	-5.09	-109.76	1.47
	142	10.17	-0.61	72.12	5.09	151.65	-0.80
18	141	-11.84	-0.03	-7.24	-4.28	-92.62	-0.30
	142	11.84	0.03	75.33	4.28	138.04	0.27
19	141	-21.90	0.34	-14.71	-8.64	-92.76	0.69
	142	21.90	-0.34	82.79	8.64	146.39	-0.31
20	141	0.23	0.25	4.46	-0.77	-112.86	0.49
	142	-0.23	-0.25	63.62	0.77	145.39	-0.22
21	141	-8.77	0.37	-5.27	-4.17	-83.82	0.84
	142	8.77	-0.37	57.64	4.17	118.42	-0.43
22	141	-9.44	0.11	-6.55	-3.85	-76.96	0.13
	142	9.44	-0.11	58.92	3.85	112.98	0.00
23	141	-13.47	0.26	-9.54	-5.59	-77.02	0.53
	142	13.47	-0.26	61.91	5.59	116.32	-0.24
24	141	-4.61	0.22	-1.87	-2.44	-85.06	0.45
	142	4.61	-0.22	54.24	2.44	115.92	-0.20
25	141	-8.63	0.37	-5.38	-4.03	-83.95	0.84
	142	8.63	-0.37	57.75	4.03	118.67	-0.43
26	141	-9.29	0.11	-6.66	-3.70	-77.09	0.12
	142	9.29	-0.11	59.03	3.70	113.23	0.00
27	141	-13.32	0.26	-9.65	-5.45	-77.15	0.52
	142	13.32	-0.26	62.02	5.45	116.57	-0.23
28	141	-4.46	0.22	-1.98	-2.30	-85.19	0.44
	142	4.46	-0.22	54.35	2.30	116.17	-0.20
29	141	-7.80	0.44	-2.88	-3.85	-83.31	1.04
	142	7.80	-0.44	55.26	3.85	115.29	-0.56
30	141	-8.92	0.01	-5.02	-3.31	-71.89	-0.15
	142	8.92	-0.01	57.39	3.31	106.22	0.16
31	141	-15.62	0.26	-10.00	-6.22	-71.98	0.51
	142	15.62	-0.26	62.37	6.22	111.78	-0.23
32	141	-0.87	0.19	2.79	-0.97	-85.38	0.38
	142	0.87	-0.19	49.58	0.97	111.12	-0.17
33	141	-7.67	0.21	-1.43	-3.40	-76.06	0.41
	142	7.67	-0.21	53.80	3.40	106.44	-0.18
34	141	-7.92	0.21	-2.31	-3.50	-77.07	0.42
	142	7.92	-0.21	54.68	3.50	108.42	-0.19
35	141	-7.57	0.25	-1.28	-3.44	-77.01	0.53
	142	7.57	-0.25	53.65	3.44	107.22	-0.25
36	141	-7.79	0.16	-1.71	-3.33	-74.72	0.29
	142	7.79	-0.16	54.08	3.33	105.41	-0.11

37	141	-9.14	0.21	-2.70	-3.91	-74.74	0.42
	142	9.14	-0.21	55.07	3.91	106.52	-0.19
38	141	-6.18	0.20	-0.15	-2.86	-77.42	0.40
	142	6.18	-0.20	52.52	2.86	106.39	-0.18
39	141	-7.67	0.21	-1.43	-3.40	-76.06	0.41
	142	7.67	-0.21	53.80	3.40	106.44	-0.18
40	141	10.31	4.94	4.32	-0.19	-58.04	13.78
	142	-10.31	-4.94	-4.32	0.19	53.28	-8.34
41	141	4.80	4.51	0.88	-1.52	-53.24	12.70
	142	-4.80	-4.51	-0.88	1.52	52.26	-7.74
42	141	-91.67	0.67	-77.10	-19.65	90.39	1.32
	142	91.67	-0.67	77.10	19.65	-5.58	-0.59
43	141	-72.87	0.78	-62.16	-16.15	71.97	1.64
	142	72.87	-0.78	62.16	16.15	-3.59	-0.78
44	141	-24.86	5.35	-20.24	-9.49	-106.98	14.59
	142	24.86	-5.35	20.24	9.49	158.05	-8.70
45	141	30.14	4.95	26.02	2.30	-161.22	13.79
	142	-30.14	-4.95	-26.02	-2.30	161.40	-8.35
46	141	-19.22	5.38	-15.76	-8.44	-112.51	14.68
	142	19.22	-5.38	15.76	8.44	158.64	-8.76
47	141	24.50	4.91	21.54	1.25	-155.69	13.70
	142	-24.50	-4.91	-21.54	-1.25	160.80	-8.29
48	141	-45.48	-4.54	-28.88	-9.11	9.09	-12.97
	142	45.48	4.54	28.88	9.11	51.49	7.99
49	141	9.52	-4.94	17.38	2.68	-45.15	-13.77
	142	-9.52	4.94	-17.38	-2.68	54.83	8.34
50	141	-39.84	-4.50	-24.40	-8.06	3.56	-12.88
	142	39.84	4.50	24.40	8.06	52.08	7.93
51	141	3.88	-4.97	12.90	1.63	-39.62	-13.86
	142	-3.88	4.97	-12.90	-1.63	54.24	8.40
52	141	-30.37	4.92	-23.68	-10.82	-102.18	13.51
	142	30.37	-4.92	23.68	10.82	157.03	-8.10
53	141	24.63	4.52	22.58	0.97	-156.42	12.71
	142	-24.63	-4.52	-22.58	-0.97	160.38	-7.74
54	141	-24.73	4.95	-19.20	-9.77	-107.71	13.60
	142	24.73	-4.95	19.20	9.77	157.63	-8.15
55	141	18.99	4.48	18.10	-0.08	-150.89	12.62
	142	-18.99	-4.48	-18.10	0.08	159.78	-7.69
56	141	-39.97	-4.10	-25.44	-7.77	4.29	-11.89
	142	39.97	4.10	25.44	7.77	52.50	7.38
57	141	15.03	-4.50	20.82	4.02	-49.95	-12.69
	142	-15.03	4.50	-20.82	-4.02	55.85	7.73
58	141	-34.33	-4.07	-20.96	-6.72	-1.24	-11.80
	142	34.33	4.07	20.96	6.72	53.10	7.32
59	141	9.39	-4.54	16.34	2.97	-44.42	-12.78
	142	-9.39	4.54	-16.34	-2.97	55.25	7.79
60	141	-96.24	2.36	-77.24	-23.11	-3.08	5.87
	142	96.24	-2.36	77.24	23.11	116.85	-3.28
61	141	-102.43	-0.61	-79.83	-23.00	31.74	-2.40
	142	102.43	0.61	79.83	23.00	84.88	1.73

	62	141	-97.90	2.23	-78.27	-23.51	-1.64	5.54
		142	97.90	-2.23	130.64	23.51	116.54	-3.09
	63	141	-100.78	-0.48	-78.80	-22.60	30.30	-2.08
		142	100.78	0.48	131.17	22.60	85.18	1.55
	64	141	87.09	1.02	76.97	16.19	-183.87	3.22
		142	-87.09	-1.02	-24.60	-16.19	128.00	-2.10
	65	141	80.90	-1.94	74.38	16.31	-149.05	-5.05
		142	-80.90	1.94	-22.01	-16.31	96.03	2.91
	66	141	85.44	0.89	75.94	15.79	-182.43	2.90
		142	-85.44	-0.89	-23.57	-15.79	127.70	-1.91
	67	141	82.56	-1.81	75.41	16.71	-150.49	-4.72
		142	-82.56	1.81	-23.04	-16.71	96.34	2.73
	68	141	-77.45	2.47	-62.30	-19.61	-21.50	6.18
		142	77.45	-2.47	114.67	19.61	118.83	-3.47
	69	141	-83.63	-0.49	-64.89	-19.50	13.32	-2.09
		142	83.63	0.49	117.26	19.50	86.87	1.54
	70	141	-79.10	2.34	-63.33	-20.01	-20.06	5.86
		142	79.10	-2.34	115.70	20.01	118.53	-3.28
	71	141	-81.98	-0.37	-63.86	-19.09	11.88	-1.76
		142	81.98	0.37	116.23	19.09	87.17	1.36
	72	141	68.29	0.91	62.03	12.69	-165.44	2.90
		142	-68.29	-0.91	-9.66	-12.69	126.02	-1.91
	73	141	62.11	-2.06	59.44	12.81	-130.62	-5.36
		142	-62.11	2.06	-7.07	-12.81	94.05	3.10
	74	141	66.64	0.78	61.00	12.29	-164.00	2.58
		142	-66.64	-0.78	-8.63	-12.29	125.71	-1.72
	75	141	63.76	-1.93	60.47	13.21	-132.06	-5.04
		142	-63.76	1.93	-8.10	-13.21	94.35	2.92
181	1	142	-4.86	0.11	5.85	-2.54	-83.48	0.07
		143	4.86	-0.11	15.05	2.54	88.54	0.05
	2	142	-2.81	0.10	15.58	-0.86	-22.96	0.11
		143	2.81	-0.10	15.89	0.86	23.13	-0.01
	3	142	-0.77	0.02	-0.71	-0.40	-4.69	0.02
		143	0.77	-0.02	0.71	0.40	5.48	0.00
	4	142	-1.25	0.03	-1.47	-0.51	-9.89	0.03
		143	1.25	-0.03	1.47	0.51	11.51	0.00
	5	142	0.49	0.21	0.96	-0.19	-3.91	0.36
		143	-0.49	-0.21	-0.96	0.19	2.85	-0.12
	6	142	-0.62	-0.21	-1.51	0.35	5.17	-0.36
		143	0.62	0.21	1.51	-0.35	-3.51	0.12
	7	142	-7.33	0.03	-5.77	-2.56	-0.40	0.03
		143	7.33	-0.03	5.77	2.56	6.74	0.00
	8	142	7.43	-0.03	5.81	2.69	0.27	-0.03
		143	-7.43	0.03	-5.81	-2.69	-6.66	-0.01
	9	142	-11.63	0.51	26.56	-5.58	-156.34	0.61
		143	11.63	-0.51	41.53	5.58	164.58	-0.05
	10	142	-12.63	0.13	24.33	-5.09	-148.18	-0.03
		143	12.63	-0.13	43.75	5.09	158.85	0.17
	11	142	-18.66	0.35	20.50	-7.71	-153.19	0.32

	143	18.66	-0.35	47.58	7.71	168.08	0.07
12	142	-5.38	0.30	30.92	-2.98	-152.59	0.27
	143	5.38	-0.30	37.16	2.98	156.02	0.06
13	142	-11.41	0.51	26.52	-5.36	-156.72	0.61
	143	11.41	-0.51	41.56	5.36	165.00	-0.05
14	142	-12.41	0.13	24.30	-4.88	-148.55	-0.04
	143	12.41	-0.13	43.79	4.88	159.27	0.18
15	142	-18.44	0.35	20.47	-7.49	-153.56	0.32
	143	18.44	-0.35	47.62	7.49	168.50	0.07
16	142	-5.16	0.29	30.89	-2.77	-152.96	0.26
	143	5.16	-0.29	37.20	2.77	156.44	0.06
17	142	-10.17	0.61	28.20	-5.09	-151.65	0.80
	143	10.17	-0.61	39.88	5.09	158.07	-0.13
18	142	-11.84	-0.03	24.50	-4.28	-138.04	-0.27
	143	11.84	0.03	43.59	4.28	148.54	0.25
19	142	-21.90	0.34	18.11	-8.64	-146.39	0.31
	143	21.90	-0.34	49.97	8.64	163.91	0.07
20	142	0.23	0.25	35.48	-0.77	-145.39	0.22
	143	-0.23	-0.25	32.60	0.77	143.81	0.05
21	142	-8.77	0.37	20.56	-4.17	-118.42	0.43
	143	8.77	-0.37	31.81	4.17	124.61	-0.03
22	142	-9.44	0.11	19.08	-3.85	-112.98	0.00
	143	9.44	-0.11	33.29	3.85	120.79	0.12
23	142	-13.47	0.26	16.53	-5.59	-116.32	0.24
	143	13.47	-0.26	35.84	5.59	126.94	0.05
24	142	-4.61	0.22	23.47	-2.44	-115.92	0.20
	143	4.61	-0.22	28.90	2.44	118.90	0.05
25	142	-8.63	0.37	20.54	-4.03	-118.67	0.43
	143	8.63	-0.37	31.83	4.03	124.89	-0.03
26	142	-9.29	0.11	19.06	-3.70	-113.23	0.00
	143	9.29	-0.11	33.32	3.70	121.07	0.12
27	142	-13.32	0.26	16.50	-5.45	-116.57	0.23
	143	13.32	-0.26	35.87	5.45	127.22	0.05
28	142	-4.46	0.22	23.45	-2.30	-116.17	0.20
	143	4.46	-0.22	28.92	2.30	119.18	0.05
29	142	-7.80	0.44	21.66	-3.85	-115.29	0.56
	143	7.80	-0.44	30.71	3.85	120.27	-0.08
30	142	-8.92	0.01	19.19	-3.31	-106.22	-0.16
	143	8.92	-0.01	33.18	3.31	113.91	0.17
31	142	-15.62	0.26	14.93	-6.22	-111.78	0.23
	143	15.62	-0.26	37.44	6.22	124.16	0.05
32	142	-0.87	0.19	26.51	-0.97	-111.12	0.17
	143	0.87	-0.19	25.86	0.97	110.76	0.04
33	142	-7.67	0.21	21.43	-3.40	-106.44	0.18
	143	7.67	-0.21	30.94	3.40	111.67	0.04
34	142	-7.92	0.21	21.14	-3.50	-108.42	0.19
	143	7.92	-0.21	31.23	3.50	113.97	0.05
35	142	-7.57	0.25	21.63	-3.44	-107.22	0.25
	143	7.57	-0.25	30.74	3.44	112.24	0.02
36	142	-7.79	0.16	21.13	-3.33	-105.41	0.11

	143	7.79	-0.16	31.24	3.33	110.96	0.07
37	142	-9.14	0.21	20.28	-3.91	-106.52	0.19
	143	9.14	-0.21	32.09	3.91	113.01	0.05
38	142	-6.18	0.20	22.60	-2.86	-106.39	0.18
	143	6.18	-0.20	29.77	2.86	110.33	0.04
39	142	-7.67	0.21	21.43	-3.40	-106.44	0.18
	143	7.67	-0.21	30.94	3.40	111.67	0.04
40	142	10.31	4.94	10.28	-0.19	-53.28	8.34
	143	-10.31	-4.94	-10.28	0.19	41.98	-2.91
41	142	4.80	4.51	6.93	-1.52	-52.26	7.74
	143	-4.80	-4.51	-6.93	1.52	44.64	-2.78
42	142	-91.67	0.67	-71.49	-19.65	5.58	0.59
	143	91.67	-0.67	71.49	19.65	73.06	0.14
43	142	-72.87	0.78	-57.46	-16.15	3.59	0.78
	143	72.87	-0.78	57.46	16.15	59.62	0.08
44	142	-24.86	5.35	10.26	-9.49	-158.05	8.70
	143	24.86	-5.35	42.11	9.49	175.56	-2.82
45	142	30.14	4.95	53.16	2.30	-161.40	8.35
	143	-30.14	-4.95	-0.79	-2.30	131.73	-2.91
46	142	-19.22	5.38	14.47	-8.44	-158.64	8.76
	143	19.22	-5.38	37.90	8.44	171.53	-2.84
47	142	24.50	4.91	48.95	1.25	-160.80	8.29
	143	-24.50	-4.91	3.42	-1.25	135.76	-2.89
48	142	-45.48	-4.54	-10.29	-9.11	-51.49	-7.99
	143	45.48	4.54	62.66	9.11	91.61	3.00
49	142	9.52	-4.94	32.61	2.68	-54.83	-8.34
	143	-9.52	4.94	19.77	-2.68	47.77	2.91
50	142	-39.84	-4.50	-6.08	-8.06	-52.08	-7.93
	143	39.84	4.50	58.45	8.06	87.57	2.98
51	142	3.88	-4.97	28.40	1.63	-54.24	-8.40
	143	-3.88	4.97	23.97	-1.63	51.80	2.93
52	142	-30.37	4.92	6.92	-10.82	-157.03	8.10
	143	30.37	-4.92	45.45	10.82	178.23	-2.69
53	142	24.63	4.52	49.81	0.97	-160.38	7.74
	143	-24.63	-4.52	2.56	-0.97	134.39	-2.78
54	142	-24.73	4.95	11.12	-9.77	-157.63	8.15
	143	24.73	-4.95	41.25	9.77	174.19	-2.71
55	142	18.99	4.48	45.60	-0.08	-159.78	7.69
	143	-18.99	-4.48	6.77	0.08	138.42	-2.76
56	142	-39.97	-4.10	-6.94	-7.77	-52.50	-7.38
	143	39.97	4.10	59.31	7.77	88.94	2.87
57	142	15.03	-4.50	35.95	4.02	-55.85	-7.73
	143	-15.03	4.50	16.42	-4.02	45.11	2.78
58	142	-34.33	-4.07	-2.73	-6.72	-53.10	-7.32
	143	34.33	4.07	55.10	6.72	84.91	2.85
59	142	9.39	-4.54	31.75	2.97	-55.25	-7.79
	143	-9.39	4.54	20.63	-2.97	49.14	2.80
60	142	-96.24	2.36	-46.97	-23.11	-116.85	3.28
	143	96.24	-2.36	99.34	23.11	197.32	-0.69
61	142	-102.43	-0.61	-53.14	-23.00	-84.88	-1.73

		143	102.43	0.61	105.51	23.00	172.13	1.06
62		142	-97.90	2.23	-47.98	-23.51	-116.54	3.09
		143	97.90	-2.23	100.35	23.51	198.12	-0.65
63		142	-100.78	-0.48	-52.13	-22.60	-85.18	-1.55
		143	100.78	0.48	104.50	22.60	171.33	1.02
64		142	87.09	1.02	96.01	16.19	-128.00	2.10
		143	-87.09	-1.02	-43.64	-16.19	51.20	-0.97
65		142	80.90	-1.94	89.84	16.31	-96.03	-2.91
		143	-80.90	1.94	-37.47	-16.31	26.01	0.77
66		142	85.44	0.89	95.00	15.79	-127.70	1.91
		143	-85.44	-0.89	-42.63	-15.79	52.00	-0.93
67		142	82.56	-1.81	90.85	16.71	-96.34	-2.73
		143	-82.56	1.81	-38.47	-16.71	25.21	0.74
68		142	-77.45	2.47	-32.95	-19.61	-118.83	3.47
		143	77.45	-2.47	85.32	19.61	183.88	-0.75
69		142	-83.63	-0.49	-39.11	-19.50	-86.87	-1.54
		143	83.63	0.49	91.48	19.50	158.69	1.00
70		142	-79.10	2.34	-33.95	-20.01	-118.53	3.28
		143	79.10	-2.34	86.32	20.01	184.68	-0.71
71		142	-81.98	-0.37	-38.11	-19.09	-87.17	-1.36
		143	81.98	0.37	90.48	19.09	157.89	0.96
72		142	68.29	0.91	81.98	12.69	-126.02	1.91
		143	-68.29	-0.91	-29.61	-12.69	64.64	-0.91
73		142	62.11	-2.06	75.82	12.81	-94.05	-3.10
		143	-62.11	2.06	-23.44	-12.81	39.45	0.84
74		142	66.64	0.78	80.98	12.29	-125.71	1.72
		143	-66.64	-0.78	-28.61	-12.29	65.44	-0.87
75		142	63.76	-1.93	76.82	13.21	-94.35	-2.92
		143	-63.76	1.93	-24.45	-13.21	38.66	0.80
182	1	143	-4.86	0.11	25.90	-2.54	-88.54	-0.05
		144	4.86	-0.11	-5.00	2.54	71.55	0.17
2		143	-2.81	0.10	19.11	-0.86	-23.13	0.01
		144	2.81	-0.10	12.36	0.86	19.41	0.10
3		143	-0.77	0.02	0.69	-0.40	-5.48	0.00
		144	0.77	-0.02	-0.69	0.40	4.71	0.02
4		143	-1.25	0.03	1.51	-0.51	-11.51	0.00
		144	1.25	-0.03	-1.51	0.51	9.85	0.04
5		143	0.49	0.21	1.21	-0.19	-2.85	0.12
		144	-0.49	-0.21	-1.21	0.19	1.52	0.11
6		143	-0.62	-0.21	-1.68	0.35	3.51	-0.12
		144	0.62	0.21	1.68	-0.35	-1.66	-0.11
7		143	-7.33	0.03	-4.80	-2.56	-6.74	0.00
		144	7.33	-0.03	4.80	2.56	12.02	0.04
8		143	7.43	-0.03	4.85	2.69	6.66	0.01
		144	-7.43	0.03	-4.85	-2.69	-11.99	-0.04
9		143	-11.63	0.51	61.78	-5.58	-164.58	0.05
		144	11.63	-0.51	6.30	5.58	134.07	0.52
10		143	-12.63	0.13	59.18	-5.09	-158.85	-0.17
		144	12.63	-0.13	8.91	5.09	131.21	0.32

11	143	-18.66	0.35	56.37	-7.71	-168.08	-0.07
	144	18.66	-0.35	11.72	7.71	143.52	0.45
12	143	-5.38	0.30	65.05	-2.98	-156.02	-0.06
	144	5.38	-0.30	3.03	2.98	121.91	0.38
13	143	-11.41	0.51	61.87	-5.36	-165.00	0.05
	144	11.41	-0.51	6.21	5.36	134.38	0.51
14	143	-12.41	0.13	59.27	-4.88	-159.27	-0.18
	144	12.41	-0.13	8.82	4.88	131.52	0.31
15	143	-18.44	0.35	56.46	-7.49	-168.50	-0.07
	144	18.44	-0.35	11.62	7.49	143.84	0.45
16	143	-5.16	0.29	65.14	-2.77	-156.44	-0.06
	144	5.16	-0.29	2.94	2.77	122.23	0.38
17	143	-10.17	0.61	61.46	-5.09	-158.07	0.13
	144	10.17	-0.61	6.62	5.09	127.91	0.55
18	143	-11.84	-0.03	57.13	-4.28	-148.54	-0.25
	144	11.84	0.03	10.96	4.28	123.14	0.22
19	143	-21.90	0.34	52.45	-8.64	-163.91	-0.07
	144	21.90	-0.34	15.64	8.64	143.66	0.44
20	143	0.23	0.25	66.91	-0.77	-143.81	-0.05
	144	-0.23	-0.25	1.17	0.77	107.65	0.33
21	143	-8.77	0.37	47.19	-4.17	-124.61	0.03
	144	8.77	-0.37	5.18	4.17	101.51	0.38
22	143	-9.44	0.11	45.45	-3.85	-120.79	-0.12
	144	9.44	-0.11	6.92	3.85	99.60	0.25
23	143	-13.47	0.26	43.58	-5.59	-126.94	-0.05
	144	13.47	-0.26	8.79	5.59	107.81	0.34
24	143	-4.61	0.22	49.37	-2.44	-118.90	-0.05
	144	4.61	-0.22	3.00	2.44	93.40	0.29
25	143	-8.63	0.37	47.25	-4.03	-124.89	0.03
	144	8.63	-0.37	5.12	4.03	101.72	0.38
26	143	-9.29	0.11	45.51	-3.70	-121.07	-0.12
	144	9.29	-0.11	6.86	3.70	99.81	0.25
27	143	-13.32	0.26	43.64	-5.45	-127.22	-0.05
	144	13.32	-0.26	8.73	5.45	108.02	0.34
28	143	-4.46	0.22	49.43	-2.30	-119.18	-0.05
	144	4.46	-0.22	2.94	2.30	93.61	0.29
29	143	-7.80	0.44	46.98	-3.85	-120.27	0.08
	144	7.80	-0.44	5.39	3.85	97.40	0.40
30	143	-8.92	0.01	44.09	-3.31	-113.91	-0.17
	144	8.92	-0.01	8.29	3.31	94.22	0.18
31	143	-15.62	0.26	40.97	-6.22	-124.16	-0.05
	144	15.62	-0.26	11.41	6.22	107.90	0.33
32	143	-0.87	0.19	50.61	-0.97	-110.76	-0.04
	144	0.87	-0.19	1.76	0.97	83.89	0.25
33	143	-7.67	0.21	45.01	-3.40	-111.67	-0.04
	144	7.67	-0.21	7.36	3.40	90.96	0.27
34	143	-7.92	0.21	45.31	-3.50	-113.97	-0.05
	144	7.92	-0.21	7.06	3.50	92.93	0.28
35	143	-7.57	0.25	45.25	-3.44	-112.24	-0.02
	144	7.57	-0.25	7.12	3.44	91.26	0.29

36	143	-7.79	0.16	44.67	-3.33	-110.96	-0.07
	144	7.79	-0.16	7.70	3.33	90.63	0.25
37	143	-9.14	0.21	44.05	-3.91	-113.01	-0.05
	144	9.14	-0.21	8.32	3.91	93.36	0.28
38	143	-6.18	0.20	45.98	-2.86	-110.33	-0.04
	144	6.18	-0.20	6.39	2.86	88.56	0.26
39	143	-7.67	0.21	45.01	-3.40	-111.67	-0.04
	144	7.67	-0.21	7.36	3.40	90.96	0.27
40	143	10.31	4.94	16.67	-0.19	-41.98	2.91
	144	-10.31	-4.94	-16.67	0.19	23.64	2.53
41	143	4.80	4.51	13.46	-1.52	-44.64	2.78
	144	-4.80	-4.51	-13.46	1.52	29.83	2.18
42	143	-91.67	0.67	-62.55	-19.65	-73.06	-0.14
	144	91.67	-0.67	62.55	19.65	141.86	0.88
43	143	-72.87	0.78	-49.97	-16.15	-59.62	-0.08
	144	72.87	-0.78	49.97	16.15	114.58	0.94
44	143	-24.86	5.35	42.92	-9.49	-175.56	2.82
	144	24.86	-5.35	9.45	9.49	157.16	3.06
45	143	30.14	4.95	80.45	2.30	-131.73	2.91
	144	-30.14	-4.95	-28.08	-2.30	72.04	2.54
46	143	-19.22	5.38	46.69	-8.44	-171.53	2.84
	144	19.22	-5.38	5.68	8.44	148.97	3.08
47	143	24.50	4.91	76.67	1.25	-135.76	2.89
	144	-24.50	-4.91	-24.30	-1.25	80.22	2.52
48	143	-45.48	-4.54	9.57	-9.11	-91.61	-3.00
	144	45.48	4.54	42.80	9.11	109.88	-1.99
49	143	9.52	-4.94	47.10	2.68	-47.77	-2.91
	144	-9.52	4.94	5.27	-2.68	24.76	-2.52
50	143	-39.84	-4.50	13.35	-8.06	-87.57	-2.98
	144	39.84	4.50	39.03	8.06	101.70	-1.97
51	143	3.88	-4.97	43.33	1.63	-51.80	-2.93
	144	-3.88	4.97	9.04	-1.63	32.95	-2.54
52	143	-30.37	4.92	39.71	-10.82	-178.23	2.69
	144	30.37	-4.92	12.66	10.82	163.35	2.72
53	143	24.63	4.52	77.24	0.97	-134.39	2.78
	144	-24.63	-4.52	-24.87	-0.97	78.23	2.19
54	143	-24.73	4.95	43.48	-9.77	-174.19	2.71
	144	24.73	-4.95	8.89	9.77	155.17	2.74
55	143	18.99	4.48	73.46	-0.08	-138.42	2.76
	144	-18.99	-4.48	-21.09	0.08	86.42	2.17
56	143	-39.97	-4.10	12.78	-7.77	-88.94	-2.87
	144	39.97	4.10	39.59	7.77	103.69	-1.65
57	143	15.03	-4.50	50.31	4.02	-45.11	-2.78
	144	-15.03	4.50	2.06	-4.02	18.57	-2.17
58	143	-34.33	-4.07	16.56	-6.72	-84.91	-2.85
	144	34.33	4.07	35.82	6.72	95.50	-1.63
59	143	9.39	-4.54	46.54	2.97	-49.14	-2.80
	144	-9.39	4.54	5.83	-2.97	26.75	-2.19
60	143	-96.24	2.36	-12.53	-23.11	-197.32	0.69
	144	96.24	-2.36	64.91	23.11	239.91	1.91

	61	143	-102.43	-0.61	-22.54	-23.00	-172.13	-1.06
		144	102.43	0.61	74.91	23.00	225.73	0.39
	62	143	-97.90	2.23	-13.50	-23.51	-198.12	0.65
		144	97.90	-2.23	65.87	23.51	241.77	1.80
	63	143	-100.78	-0.48	-21.58	-22.60	-171.33	-1.02
		144	100.78	0.48	73.95	22.60	223.87	0.49
	64	143	87.09	1.02	112.56	16.19	-51.20	0.97
		144	-87.09	-1.02	-60.19	-16.19	-43.81	0.15
	65	143	80.90	-1.94	102.55	16.31	-26.01	-0.77
		144	-80.90	1.94	-50.18	-16.31	-57.99	-1.36
	66	143	85.44	0.89	111.59	15.79	-52.00	0.93
		144	-85.44	-0.89	-59.22	-15.79	-41.95	0.05
	67	143	82.56	-1.81	103.52	16.71	-25.21	-0.74
		144	-82.56	1.81	-51.15	-16.71	-59.85	-1.26
	68	143	-77.45	2.47	0.04	-19.61	-183.88	0.75
		144	77.45	-2.47	52.33	19.61	212.64	1.97
	69	143	-83.63	-0.49	-9.96	-19.50	-158.69	-1.00
		144	83.63	0.49	62.33	19.50	198.45	0.45
	70	143	-79.10	2.34	-0.92	-20.01	-184.68	0.71
		144	79.10	-2.34	53.29	20.01	214.49	1.87
	71	143	-81.98	-0.37	-9.00	-19.09	-157.89	-0.96
		144	81.98	0.37	61.37	19.09	196.59	0.56
	72	143	68.29	0.91	99.98	12.69	-64.64	0.91
		144	-68.29	-0.91	-47.61	-12.69	-16.53	0.09
	73	143	62.11	-2.06	89.98	12.81	-39.45	-0.84
		144	-62.11	2.06	-37.61	-12.81	-30.72	-1.43
	74	143	66.64	0.78	99.02	12.29	-65.44	0.87
		144	-66.64	-0.78	-46.65	-12.29	-14.67	-0.01
	75	143	63.76	-1.93	90.94	13.21	-38.66	-0.80
		144	-63.76	1.93	-38.57	-13.21	-32.57	-1.32
183	1	144	-4.86	0.11	46.85	-2.54	-71.55	-0.17
		145	4.86	-0.11	-25.95	2.54	31.51	0.30
	2	144	-2.81	0.10	22.87	-0.86	-19.41	-0.10
		145	2.81	-0.10	8.60	0.86	11.56	0.20
	3	144	-0.77	0.02	2.15	-0.40	-4.71	-0.02
		145	0.77	-0.02	-2.15	0.40	2.35	0.04
	4	144	-1.25	0.03	4.60	-0.51	-9.85	-0.04
		145	1.25	-0.03	-4.60	0.51	4.79	0.08
	5	144	0.49	0.21	1.51	-0.19	-1.52	-0.11
		145	-0.49	-0.21	-1.51	0.19	-0.15	0.34
	6	144	-0.62	-0.21	-1.92	0.35	1.66	0.11
		145	0.62	0.21	1.92	-0.35	0.45	-0.35
	7	144	-7.33	0.03	-3.44	-2.56	-12.02	-0.04
		145	7.33	-0.03	3.44	2.56	15.80	0.08
	8	144	7.43	-0.03	3.49	2.69	11.99	0.04
		145	-7.43	0.03	-3.49	-2.69	-15.83	-0.07
	9	144	-11.63	0.51	98.67	-5.58	-134.07	-0.52
		145	11.63	-0.51	-30.59	5.58	62.97	1.08
	10	144	-12.63	0.13	95.59	-5.09	-131.21	-0.32

	145	12.63	-0.13	-27.50	5.09	63.51	0.46
11	144	-18.66	0.35	94.21	-7.71	-143.52	-0.45
	145	18.66	-0.35	-26.13	7.71	77.33	0.84
12	144	-5.38	0.30	100.45	-2.98	-121.91	-0.38
	145	5.38	-0.30	-32.37	2.98	48.86	0.71
13	144	-11.41	0.51	98.90	-5.36	-134.38	-0.51
	145	11.41	-0.51	-30.82	5.36	63.04	1.08
14	144	-12.41	0.13	95.81	-4.88	-131.52	-0.31
	145	12.41	-0.13	-27.73	4.88	63.58	0.45
15	144	-18.44	0.35	94.44	-7.49	-143.84	-0.45
	145	18.44	-0.35	-26.36	7.49	77.40	0.83
16	144	-5.16	0.29	100.68	-2.77	-122.23	-0.38
	145	5.16	-0.29	-32.59	2.77	48.93	0.70
17	144	-10.17	0.61	96.36	-5.09	-127.91	-0.55
	145	10.17	-0.61	-28.28	5.09	59.36	1.22
18	144	-11.84	-0.03	91.21	-4.28	-123.14	-0.22
	145	11.84	0.03	-23.13	4.28	60.26	0.19
19	144	-21.90	0.34	88.93	-8.64	-143.66	-0.44
	145	21.90	-0.34	-20.84	8.64	83.29	0.82
20	144	0.23	0.25	99.32	-0.77	-107.65	-0.33
	145	-0.23	-0.25	-31.24	0.77	35.84	0.60
21	144	-8.77	0.37	75.08	-4.17	-101.51	-0.38
	145	8.77	-0.37	-22.71	4.17	47.72	0.79
22	144	-9.44	0.11	73.02	-3.85	-99.60	-0.25
	145	9.44	-0.11	-20.65	3.85	48.08	0.37
23	144	-13.47	0.26	72.11	-5.59	-107.81	-0.34
	145	13.47	-0.26	-19.73	5.59	57.30	0.63
24	144	-4.61	0.22	76.26	-2.44	-93.40	-0.29
	145	4.61	-0.22	-23.89	2.44	38.32	0.54
25	144	-8.63	0.37	75.23	-4.03	-101.72	-0.38
	145	8.63	-0.37	-22.86	4.03	47.77	0.78
26	144	-9.29	0.11	73.17	-3.70	-99.81	-0.25
	145	9.29	-0.11	-20.80	3.70	48.13	0.37
27	144	-13.32	0.26	72.26	-5.45	-108.02	-0.34
	145	13.32	-0.26	-19.89	5.45	57.34	0.62
28	144	-4.46	0.22	76.41	-2.30	-93.61	-0.29
	145	4.46	-0.22	-24.04	2.30	38.36	0.54
29	144	-7.80	0.44	73.53	-3.85	-97.40	-0.40
	145	7.80	-0.44	-21.16	3.85	45.32	0.88
30	144	-8.92	0.01	70.10	-3.31	-94.22	-0.18
	145	8.92	-0.01	-17.73	3.31	45.91	0.19
31	144	-15.62	0.26	68.58	-6.22	-107.90	-0.33
	145	15.62	-0.26	-16.21	6.22	61.27	0.61
32	144	-0.87	0.19	75.51	-0.97	-83.89	-0.25
	145	0.87	-0.19	-23.14	0.97	29.64	0.47
33	144	-7.67	0.21	69.72	-3.40	-90.96	-0.27
	145	7.67	-0.21	-17.35	3.40	43.07	0.50
34	144	-7.92	0.21	70.64	-3.50	-92.93	-0.28
	145	7.92	-0.21	-18.27	3.50	44.03	0.51
35	144	-7.57	0.25	70.02	-3.44	-91.26	-0.29

	145	7.57	-0.25	-17.65	3.44	43.04	0.57
36	144	-7.79	0.16	69.34	-3.33	-90.63	-0.25
	145	7.79	-0.16	-16.97	3.33	43.16	0.43
37	144	-9.14	0.21	69.03	-3.91	-93.36	-0.28
	145	9.14	-0.21	-16.66	3.91	46.23	0.51
38	144	-6.18	0.20	70.42	-2.86	-88.56	-0.26
	145	6.18	-0.20	-18.05	2.86	39.91	0.48
39	144	-7.67	0.21	69.72	-3.40	-90.96	-0.27
	145	7.67	-0.21	-17.35	3.40	43.07	0.50
40	144	10.31	4.94	23.69	-0.19	-23.64	-2.53
	145	-10.31	-4.94	-23.69	0.19	-2.42	7.96
41	144	4.80	4.51	20.67	-1.52	-29.83	-2.18
	145	-4.80	-4.51	-20.67	1.52	7.10	7.14
42	144	-91.67	0.67	-49.98	-19.65	-141.86	-0.88
	145	91.67	-0.67	49.98	19.65	196.84	1.61
43	144	-72.87	0.78	-39.44	-16.15	-114.58	-0.94
	145	72.87	-0.78	39.44	16.15	157.97	1.80
44	144	-24.86	5.35	78.41	-9.49	-157.16	-3.06
	145	24.86	-5.35	-26.04	9.49	99.71	8.94
45	144	30.14	4.95	108.40	2.30	-72.04	-2.54
	145	-30.14	-4.95	-56.03	-2.30	-18.40	7.98
46	144	-19.22	5.38	81.57	-8.44	-148.97	-3.08
	145	19.22	-5.38	-29.20	8.44	88.05	9.00
47	144	24.50	4.91	105.24	1.25	-80.22	-2.52
	145	-24.50	-4.91	-52.87	-1.25	-6.73	7.92
48	144	-45.48	-4.54	31.04	-9.11	-109.88	1.99
	145	45.48	4.54	21.33	9.11	104.54	-6.98
49	144	9.52	-4.94	61.03	2.68	-24.76	2.52
	145	-9.52	4.94	-8.66	-2.68	-13.56	-7.95
50	144	-39.84	-4.50	34.20	-8.06	-101.70	1.97
	145	39.84	4.50	18.17	8.06	92.88	-6.92
51	144	3.88	-4.97	57.87	1.63	-32.95	2.54
	145	-3.88	4.97	-5.50	-1.63	-1.90	-8.00
52	144	-30.37	4.92	75.39	-10.82	-163.35	-2.72
	145	30.37	-4.92	-23.02	10.82	109.22	8.13
53	144	24.63	4.52	105.38	0.97	-78.23	-2.19
	145	-24.63	-4.52	-53.01	-0.97	-8.88	7.16
54	144	-24.73	4.95	78.56	-9.77	-155.17	-2.74
	145	24.73	-4.95	-26.19	9.77	97.56	8.18
55	144	18.99	4.48	102.22	-0.08	-86.42	-2.17
	145	-18.99	-4.48	-49.85	0.08	2.78	7.10
56	144	-39.97	-4.10	34.06	-7.77	-103.69	1.65
	145	39.97	4.10	18.31	7.77	95.03	-6.16
57	144	15.03	-4.50	64.05	4.02	-18.57	2.17
	145	-15.03	4.50	-11.67	-4.02	-23.08	-7.13
58	144	-34.33	-4.07	37.22	-6.72	-95.50	1.63
	145	34.33	4.07	15.15	6.72	83.37	-6.11
59	144	9.39	-4.54	60.88	2.97	-26.75	2.19
	145	-9.39	4.54	-8.51	-2.97	-11.42	-7.18
60	144	-96.24	2.36	26.85	-23.11	-239.91	-1.91

		145	96.24	-2.36	25.53	23.11	239.19	4.50
61		144	-102.43	-0.61	12.63	-23.00	-225.73	-0.39
		145	102.43	0.61	39.74	23.00	240.64	-0.28
62		144	-97.90	2.23	25.94	-23.51	-241.77	-1.80
		145	97.90	-2.23	26.43	23.51	242.04	4.25
63		144	-100.78	-0.48	13.54	-22.60	-223.87	-0.49
		145	100.78	0.48	38.83	22.60	237.78	-0.04
64		144	87.09	1.02	126.81	16.19	43.81	-0.15
		145	-87.09	-1.02	-74.43	-16.19	-154.49	1.28
65		144	80.90	-1.94	112.59	16.31	57.99	1.36
		145	-80.90	1.94	-60.22	-16.31	-153.04	-3.50
66		144	85.44	0.89	125.90	15.79	41.95	-0.05
		145	-85.44	-0.89	-73.53	-15.79	-151.64	1.03
67		144	82.56	-1.81	113.50	16.71	59.85	1.26
		145	-82.56	1.81	-61.13	-16.71	-155.90	-3.25
68		144	-77.45	2.47	37.39	-19.61	-212.64	-1.97
		145	77.45	-2.47	14.98	19.61	200.31	4.69
69		144	-83.63	-0.49	23.18	-19.50	-198.45	-0.45
		145	83.63	0.49	29.20	19.50	201.76	-0.09
70		144	-79.10	2.34	36.48	-20.01	-214.49	-1.87
		145	79.10	-2.34	15.89	20.01	203.17	4.44
71		144	-81.98	-0.37	24.08	-19.09	-196.59	-0.56
		145	81.98	0.37	28.29	19.09	198.91	0.15
72		144	68.29	0.91	116.26	12.69	16.53	-0.09
		145	-68.29	-0.91	-63.89	-12.69	-115.62	1.09
73		144	62.11	-2.06	102.05	12.81	30.72	1.43
		145	-62.11	2.06	-49.68	-12.81	-114.17	-3.69
74		144	66.64	0.78	115.36	12.29	14.67	0.01
		145	-66.64	-0.78	-62.99	-12.29	-112.77	0.84
75		144	63.76	-1.93	102.96	13.21	32.57	1.32
		145	-63.76	1.93	-50.59	-13.21	-117.02	-3.44
184	1	145	-4.86	0.11	68.97	-2.54	-31.51	-0.30
		15	4.86	-0.11	-56.14	2.54	-10.71	0.37
2		145	-2.81	0.10	26.94	-0.86	-11.56	-0.20
		15	2.81	-0.10	-7.62	0.86	-0.10	0.27
3		145	-0.77	0.02	3.67	-0.40	-2.35	-0.04
		15	0.77	-0.02	-3.67	0.40	-0.13	0.06
4		145	-1.25	0.03	7.83	-0.51	-4.79	-0.08
		15	1.25	-0.03	-7.83	0.51	-0.50	0.10
5		145	0.49	0.21	1.87	-0.19	0.15	-0.34
		15	-0.49	-0.21	-1.87	0.19	-1.41	0.49
6		145	-0.62	-0.21	-2.23	0.35	-0.45	0.35
		15	0.62	0.21	2.23	-0.35	1.95	-0.49
7		145	-7.33	0.03	-1.64	-2.56	-15.80	-0.08
		15	7.33	-0.03	1.64	2.56	16.91	0.10
8		145	7.43	-0.03	1.69	2.69	15.83	0.07
		15	-7.43	0.03	-1.69	-2.69	-16.97	-0.09
9		145	-11.63	0.51	137.74	-5.58	-62.97	-1.08
		15	11.63	-0.51	-95.97	5.58	-15.91	1.43

10	145	-12.63	0.13	134.06	-5.09	-63.51	-0.46
	15	12.63	-0.13	-92.28	5.09	-12.88	0.55
11	145	-18.66	0.35	134.59	-7.71	-77.33	-0.84
	15	18.66	-0.35	-92.81	7.71	0.58	1.08
12	145	-5.38	0.30	137.58	-2.98	-48.86	-0.71
	15	5.38	-0.30	-95.80	2.98	-29.91	0.91
13	145	-11.41	0.51	138.11	-5.36	-63.04	-1.08
	15	11.41	-0.51	-96.33	5.36	-16.08	1.42
14	145	-12.41	0.13	134.42	-4.88	-63.58	-0.45
	15	12.41	-0.13	-92.64	4.88	-13.06	0.54
15	145	-18.44	0.35	134.95	-7.49	-77.40	-0.83
	15	18.44	-0.35	-93.17	7.49	0.40	1.07
16	145	-5.16	0.29	137.95	-2.77	-48.93	-0.70
	15	5.16	-0.29	-96.17	2.77	-30.09	0.90
17	145	-10.17	0.61	133.36	-5.09	-59.36	-1.22
	15	10.17	-0.61	-91.58	5.09	-16.56	1.64
18	145	-11.84	-0.03	127.21	-4.28	-60.26	-0.19
	15	11.84	0.03	-85.43	4.28	-11.51	0.17
19	145	-21.90	0.34	128.09	-8.64	-83.29	-0.82
	15	21.90	-0.34	-86.32	8.64	10.93	1.05
20	145	0.23	0.25	133.09	-0.77	-35.84	-0.60
	15	-0.23	-0.25	-91.31	0.77	-39.89	0.77
21	145	-8.77	0.37	104.62	-4.17	-47.72	-0.79
	15	8.77	-0.37	-72.48	4.17	-12.05	1.04
22	145	-9.44	0.11	102.16	-3.85	-48.08	-0.37
	15	9.44	-0.11	-70.02	3.85	-10.03	0.45
23	145	-13.47	0.26	102.51	-5.59	-57.30	-0.63
	15	13.47	-0.26	-70.37	5.59	-1.05	0.80
24	145	-4.61	0.22	104.51	-2.44	-38.32	-0.54
	15	4.61	-0.22	-72.37	2.44	-21.38	0.69
25	145	-8.63	0.37	104.86	-4.03	-47.77	-0.78
	15	8.63	-0.37	-72.72	4.03	-12.17	1.03
26	145	-9.29	0.11	102.40	-3.70	-48.13	-0.37
	15	9.29	-0.11	-70.26	3.70	-10.15	0.45
27	145	-13.32	0.26	102.75	-5.45	-57.34	-0.62
	15	13.32	-0.26	-70.62	5.45	-1.17	0.80
28	145	-4.46	0.22	104.75	-2.30	-38.36	-0.54
	15	4.46	-0.22	-72.62	2.30	-21.50	0.69
29	145	-7.80	0.44	101.69	-3.85	-45.32	-0.88
	15	7.80	-0.44	-69.56	3.85	-12.48	1.18
30	145	-8.92	0.01	97.59	-3.31	-45.91	-0.19
	15	8.92	-0.01	-65.46	3.31	-9.12	0.20
31	145	-15.62	0.26	98.18	-6.22	-61.27	-0.61
	15	15.62	-0.26	-66.05	6.22	5.84	0.79
32	145	-0.87	0.19	101.51	-0.97	-29.64	-0.47
	15	0.87	-0.19	-69.38	0.97	-28.04	0.60
33	145	-7.67	0.21	95.91	-3.40	-43.07	-0.50
	15	7.67	-0.21	-63.77	3.40	-10.82	0.64
34	145	-7.92	0.21	97.47	-3.50	-44.03	-0.51
	15	7.92	-0.21	-65.33	3.50	-10.92	0.66

35	145	-7.57	0.25	96.28	-3.44	-43.04	-0.57
	15	7.57	-0.25	-64.14	3.44	-11.10	0.74
36	145	-7.79	0.16	95.46	-3.33	-43.16	-0.43
	15	7.79	-0.16	-63.32	3.33	-10.43	0.54
37	145	-9.14	0.21	95.58	-3.91	-46.23	-0.51
	15	9.14	-0.21	-63.44	3.91	-7.44	0.66
38	145	-6.18	0.20	96.24	-2.86	-39.91	-0.48
	15	6.18	-0.20	-64.11	2.86	-14.21	0.62
39	145	-7.67	0.21	95.91	-3.40	-43.07	-0.50
	15	7.67	-0.21	-63.77	3.40	-10.82	0.64
40	145	10.31	4.94	31.40	-0.19	2.42	-7.96
	15	-10.31	-4.94	-31.40	0.19	-23.61	11.30
41	145	4.80	4.51	28.66	-1.52	-7.10	-7.14
	15	-4.80	-4.51	-28.66	1.52	-12.25	10.19
42	145	-91.67	0.67	-33.21	-19.65	-196.84	-1.61
	15	91.67	-0.67	33.21	19.65	219.26	2.06
43	145	-72.87	0.78	-25.41	-16.15	-157.97	-1.80
	15	72.87	-0.78	25.41	16.15	175.12	2.33
44	145	-24.86	5.35	117.34	-9.49	-99.71	-8.94
	15	24.86	-5.35	-85.21	9.49	31.35	12.55
45	145	30.14	4.95	137.27	2.30	18.40	-7.98
	15	-30.14	-4.95	-105.13	-2.30	-100.21	11.32
46	145	-19.22	5.38	119.69	-8.44	-88.05	-9.00
	15	19.22	-5.38	-87.55	8.44	18.10	12.63
47	145	24.50	4.91	134.93	1.25	6.73	-7.92
	15	-24.50	-4.91	-102.79	-1.25	-86.97	11.24
48	145	-45.48	-4.54	54.54	-9.11	-104.54	6.98
	15	45.48	4.54	-22.40	9.11	78.57	-10.04
49	145	9.52	-4.94	74.47	2.68	13.56	7.95
	15	-9.52	4.94	-42.33	-2.68	-52.98	-11.28
50	145	-39.84	-4.50	56.88	-8.06	-92.88	6.92
	15	39.84	4.50	-24.74	8.06	65.33	-9.96
51	145	3.88	-4.97	72.12	1.63	1.90	8.00
	15	-3.88	4.97	-39.99	-1.63	-39.74	-11.36
52	145	-30.37	4.92	114.60	-10.82	-109.22	-8.13
	15	30.37	-4.92	-82.47	10.82	42.71	11.44
53	145	24.63	4.52	134.53	0.97	8.88	-7.16
	15	-24.63	-4.52	-102.39	-0.97	-88.84	10.21
54	145	-24.73	4.95	116.95	-9.77	-97.56	-8.18
	15	24.73	-4.95	-84.81	9.77	29.47	11.52
55	145	18.99	4.48	132.19	-0.08	-2.78	-7.10
	15	-18.99	-4.48	-100.05	0.08	-75.60	10.13
56	145	-39.97	-4.10	57.28	-7.77	-95.03	6.16
	15	39.97	4.10	-25.14	7.77	67.21	-8.93
57	145	15.03	-4.50	77.21	4.02	23.08	7.13
	15	-15.03	4.50	-45.07	-4.02	-64.34	-10.17
58	145	-34.33	-4.07	59.62	-6.72	-83.37	6.11
	15	34.33	4.07	-27.48	6.72	53.97	-8.85
59	145	9.39	-4.54	74.86	2.97	11.42	7.18
	15	-9.39	4.54	-42.73	-2.97	-51.10	-10.25

60	145	-96.24	2.36	72.11	-23.11	-239.19	-4.50
	15	96.24	-2.36	-39.98	23.11	201.36	6.09
61	145	-102.43	-0.61	53.27	-23.00	-240.64	0.28
	15	102.43	0.61	-21.14	23.00	215.52	-0.69
62	145	-97.90	2.23	71.29	-23.51	-242.04	-4.25
	15	97.90	-2.23	-39.16	23.51	204.76	5.75
63	145	-100.78	-0.48	54.10	-22.60	-237.78	0.04
	15	100.78	0.48	-21.96	22.60	212.11	-0.36
64	145	87.09	1.02	138.54	16.19	154.49	-1.28
	15	-87.09	-1.02	-106.40	-16.19	-237.16	1.97
65	145	80.90	-1.94	119.70	16.31	153.04	3.50
	15	-80.90	1.94	-87.56	-16.31	-222.99	-4.81
66	145	85.44	0.89	137.72	15.79	151.64	-1.03
	15	-85.44	-0.89	-105.58	-15.79	-233.75	1.64
67	145	82.56	-1.81	120.52	16.71	155.90	3.25
	15	-82.56	1.81	-88.38	-16.71	-226.40	-4.48
68	145	-77.45	2.47	79.92	-19.61	-200.31	-4.69
	15	77.45	-2.47	-47.78	19.61	157.22	6.35
69	145	-83.63	-0.49	61.08	-19.50	-201.76	0.09
	15	83.63	0.49	-28.94	19.50	171.38	-0.43
70	145	-79.10	2.34	79.10	-20.01	-203.17	-4.44
	15	79.10	-2.34	-46.96	20.01	160.62	6.02
71	145	-81.98	-0.37	61.90	-19.09	-198.91	-0.15
	15	81.98	0.37	-29.76	19.09	167.97	-0.09
72	145	68.29	0.91	130.73	12.69	115.62	-1.09
	15	-68.29	-0.91	-98.60	-12.69	-193.02	1.70
73	145	62.11	-2.06	111.89	12.81	114.17	3.69
	15	-62.11	2.06	-79.75	-12.81	-178.85	-5.08
74	145	66.64	0.78	129.91	12.29	112.77	-0.84
	15	-66.64	-0.78	-97.77	-12.29	-189.61	1.37
75	145	63.76	-1.93	112.71	13.21	117.02	3.44
	15	-63.76	1.93	-80.58	-13.21	-182.26	-4.74

RESULTANT JOINT LOADS SUPPORTS

JOINT	LOADING	/-----FORCE-----//			-----MOMENT-----//		
		X FORCE	Y FORCE	Z FORCE	X MOMENT	Y MOMENT	Z MOMENT
1	GLOBAL						
	1	-0.28	0.24	43.81	0.00	0.00	0.00
	2	-0.01	0.10	35.74	0.00	0.00	0.00
	3	0.00	0.03	1.57	0.00	0.00	0.00
	4	-0.01	0.06	3.33	0.00	0.00	0.00
	5	-15.18	-0.03	-0.36	0.00	0.00	0.00
	6	15.19	0.03	0.40	0.00	0.00	0.00
	7	-0.01	-24.60	-2.10	0.00	0.00	0.00
	8	0.02	24.60	2.11	0.00	0.00	0.00
	9	-14.05	0.51	107.94	0.00	0.00	0.00
	10	13.29	0.57	108.63	0.00	0.00	0.00

11	-0.39	-21.60	106.38	0.00	0.00	0.00
12	-0.37	22.68	110.16	0.00	0.00	0.00
13	-14.05	0.51	108.08	0.00	0.00	0.00
14	13.28	0.57	108.77	0.00	0.00	0.00
15	-0.40	-21.61	106.52	0.00	0.00	0.00
16	-0.38	22.68	110.31	0.00	0.00	0.00
17	-23.15	0.44	105.37	0.00	0.00	0.00
18	22.41	0.54	106.51	0.00	0.00	0.00
19	-0.39	-36.41	102.76	0.00	0.00	0.00
20	-0.35	37.40	109.07	0.00	0.00	0.00
21	-9.40	0.39	82.57	0.00	0.00	0.00
22	8.82	0.42	83.02	0.00	0.00	0.00
23	-0.30	-14.36	81.52	0.00	0.00	0.00
24	-0.29	15.17	84.05	0.00	0.00	0.00
25	-9.41	0.38	82.66	0.00	0.00	0.00
26	8.82	0.42	83.12	0.00	0.00	0.00
27	-0.30	-14.36	81.62	0.00	0.00	0.00
28	-0.29	15.17	84.14	0.00	0.00	0.00
29	-15.47	0.34	80.85	0.00	0.00	0.00
30	14.90	0.41	81.61	0.00	0.00	0.00
31	-0.30	-24.23	79.11	0.00	0.00	0.00
32	-0.27	24.98	83.32	0.00	0.00	0.00
33	-0.28	0.34	79.55	0.00	0.00	0.00
34	-0.29	0.36	80.21	0.00	0.00	0.00
35	-3.32	0.34	79.48	0.00	0.00	0.00
36	2.76	0.35	79.63	0.00	0.00	0.00
37	-0.29	-4.58	79.13	0.00	0.00	0.00
38	-0.28	5.27	79.97	0.00	0.00	0.00
39	-0.28	0.34	79.55	0.00	0.00	0.00
40	-304.49	-9.12	-8.64	0.00	0.00	0.00
41	-351.95	7.94	-8.31	0.00	0.00	0.00
42	-12.63	-243.72	-16.53	0.00	0.00	0.00
43	12.95	-305.65	-19.77	0.00	0.00	0.00
44	-308.56	-81.89	65.95	0.00	0.00	0.00
45	-300.98	64.34	75.87	0.00	0.00	0.00
46	-300.88	-100.47	64.98	0.00	0.00	0.00
47	-308.65	82.92	76.84	0.00	0.00	0.00
48	300.41	-63.65	83.23	0.00	0.00	0.00
49	307.99	82.58	93.14	0.00	0.00	0.00
50	308.09	-82.23	82.25	0.00	0.00	0.00
51	300.32	101.16	94.12	0.00	0.00	0.00
52	-356.02	-64.83	66.28	0.00	0.00	0.00
53	-348.44	81.40	76.20	0.00	0.00	0.00
54	-348.34	-83.41	65.30	0.00	0.00	0.00
55	-356.11	99.98	77.17	0.00	0.00	0.00
56	347.87	-80.71	82.90	0.00	0.00	0.00
57	355.45	65.52	92.82	0.00	0.00	0.00
58	355.55	-99.29	81.93	0.00	0.00	0.00
59	347.78	84.10	93.79	0.00	0.00	0.00
60	-104.26	-246.11	60.43	0.00	0.00	0.00

61	78.43	-240.64	65.61	0.00	0.00	0.00
62	-118.50	-241.00	60.52	0.00	0.00	0.00
63	92.67	-245.76	65.51	0.00	0.00	0.00
64	-79.00	241.33	93.49	0.00	0.00	0.00
65	103.69	246.80	98.67	0.00	0.00	0.00
66	-93.24	246.45	93.59	0.00	0.00	0.00
67	117.93	241.68	98.57	0.00	0.00	0.00
68	-78.68	-308.04	57.18	0.00	0.00	0.00
69	104.01	-302.57	62.37	0.00	0.00	0.00
70	-92.92	-302.92	57.28	0.00	0.00	0.00
71	118.25	-307.69	62.27	0.00	0.00	0.00
72	-104.58	303.26	96.73	0.00	0.00	0.00
73	78.11	308.73	101.91	0.00	0.00	0.00
74	-118.82	308.37	96.83	0.00	0.00	0.00
75	92.35	303.61	101.82	0.00	0.00	0.00

2

GLOBAL

1	0.00	0.02	43.21	0.00	0.00	0.00
2	0.00	0.00	37.44	0.00	0.00	0.00
3	0.00	-0.01	1.70	0.00	0.00	0.00
4	0.00	-0.03	3.35	0.00	0.00	0.00
5	0.00	-0.05	-0.16	0.00	0.00	0.00
6	0.00	0.04	0.14	0.00	0.00	0.00
7	0.00	-10.80	-0.74	0.00	0.00	0.00
8	0.00	10.80	0.78	0.00	0.00	0.00
9	0.00	-0.06	109.77	0.00	0.00	0.00
10	0.00	0.02	110.03	0.00	0.00	0.00
11	0.00	-9.74	109.24	0.00	0.00	0.00
12	0.00	9.70	110.61	0.00	0.00	0.00
13	0.00	-0.06	109.73	0.00	0.00	0.00
14	0.00	0.02	110.00	0.00	0.00	0.00
15	0.00	-9.74	109.21	0.00	0.00	0.00
16	0.00	9.70	110.58	0.00	0.00	0.00
17	0.00	-0.07	107.13	0.00	0.00	0.00
18	0.00	0.06	107.57	0.00	0.00	0.00
19	0.00	-16.20	106.25	0.00	0.00	0.00
20	0.00	16.21	108.54	0.00	0.00	0.00
21	0.00	-0.04	83.93	0.00	0.00	0.00
22	0.00	0.01	84.11	0.00	0.00	0.00
23	0.00	-6.49	83.58	0.00	0.00	0.00
24	0.00	6.47	84.50	0.00	0.00	0.00
25	0.00	-0.04	83.91	0.00	0.00	0.00
26	0.00	0.01	84.09	0.00	0.00	0.00
27	0.00	-6.49	83.56	0.00	0.00	0.00
28	0.00	6.47	84.47	0.00	0.00	0.00
29	0.00	-0.04	82.17	0.00	0.00	0.00
30	0.00	0.04	82.46	0.00	0.00	0.00
31	0.00	-10.80	81.59	0.00	0.00	0.00
32	0.00	10.81	83.11	0.00	0.00	0.00
33	0.00	0.02	80.65	0.00	0.00	0.00
34	0.00	0.01	81.32	0.00	0.00	0.00

35	0.00	0.01	80.62	0.00	0.00	0.00
36	0.00	0.03	80.68	0.00	0.00	0.00
37	0.00	-2.14	80.51	0.00	0.00	0.00
38	0.00	2.18	80.81	0.00	0.00	0.00
39	0.00	0.02	80.65	0.00	0.00	0.00
40	0.00	0.82	-2.54	0.00	0.00	0.00
41	0.00	-2.33	-2.87	0.00	0.00	0.00
42	0.00	-84.00	-8.48	0.00	0.00	0.00
43	0.00	-99.86	-9.80	0.00	0.00	0.00
44	0.00	-24.36	75.57	0.00	0.00	0.00
45	0.00	26.04	80.66	0.00	0.00	0.00
46	0.00	-29.12	75.18	0.00	0.00	0.00
47	0.00	30.80	81.06	0.00	0.00	0.00
48	0.00	-26.01	80.65	0.00	0.00	0.00
49	0.00	24.39	85.73	0.00	0.00	0.00
50	0.00	-30.76	80.25	0.00	0.00	0.00
51	0.00	29.15	86.13	0.00	0.00	0.00
52	0.00	-27.51	75.24	0.00	0.00	0.00
53	0.00	22.89	80.33	0.00	0.00	0.00
54	0.00	-32.27	74.84	0.00	0.00	0.00
55	0.00	27.65	80.72	0.00	0.00	0.00
56	0.00	-22.85	80.98	0.00	0.00	0.00
57	0.00	27.55	86.07	0.00	0.00	0.00
58	0.00	-27.61	80.58	0.00	0.00	0.00
59	0.00	32.30	86.46	0.00	0.00	0.00
60	0.00	-83.74	71.42	0.00	0.00	0.00
61	0.00	-84.23	72.94	0.00	0.00	0.00
62	0.00	-84.68	71.31	0.00	0.00	0.00
63	0.00	-83.28	73.04	0.00	0.00	0.00
64	0.00	84.27	88.37	0.00	0.00	0.00
65	0.00	83.77	89.89	0.00	0.00	0.00
66	0.00	83.32	88.27	0.00	0.00	0.00
67	0.00	84.72	89.99	0.00	0.00	0.00
68	0.00	-99.59	70.09	0.00	0.00	0.00
69	0.00	-100.08	71.61	0.00	0.00	0.00
70	0.00	-100.54	69.99	0.00	0.00	0.00
71	0.00	-99.14	71.71	0.00	0.00	0.00
72	0.00	100.12	89.69	0.00	0.00	0.00
73	0.00	99.63	91.21	0.00	0.00	0.00
74	0.00	99.18	89.59	0.00	0.00	0.00
75	0.00	100.57	91.32	0.00	0.00	0.00
3	GLOBAL					
1	0.00	-0.13	43.04	0.00	0.00	0.00
2	0.00	-0.05	37.84	0.00	0.00	0.00
3	0.00	-0.01	1.74	0.00	0.00	0.00
4	0.00	-0.01	3.37	0.00	0.00	0.00
5	0.00	-0.01	-0.01	0.00	0.00	0.00
6	0.00	0.01	-0.02	0.00	0.00	0.00
7	0.00	-14.26	-0.46	0.00	0.00	0.00
8	0.00	14.26	0.51	0.00	0.00	0.00

9	0.00	-0.27	110.27	0.00	0.00	0.00
10	0.00	-0.25	110.27	0.00	0.00	0.00
11	0.00	-13.09	109.87	0.00	0.00	0.00
12	0.00	12.57	110.74	0.00	0.00	0.00
13	0.00	-0.26	110.19	0.00	0.00	0.00
14	0.00	-0.24	110.18	0.00	0.00	0.00
15	0.00	-13.09	109.79	0.00	0.00	0.00
16	0.00	12.58	110.66	0.00	0.00	0.00
17	0.00	-0.26	107.66	0.00	0.00	0.00
18	0.00	-0.23	107.65	0.00	0.00	0.00
19	0.00	-21.63	106.99	0.00	0.00	0.00
20	0.00	21.14	108.44	0.00	0.00	0.00
21	0.00	-0.20	84.30	0.00	0.00	0.00
22	0.00	-0.19	84.30	0.00	0.00	0.00
23	0.00	-8.75	84.03	0.00	0.00	0.00
24	0.00	8.36	84.61	0.00	0.00	0.00
25	0.00	-0.20	84.24	0.00	0.00	0.00
26	0.00	-0.19	84.24	0.00	0.00	0.00
27	0.00	-8.75	83.98	0.00	0.00	0.00
28	0.00	8.36	84.56	0.00	0.00	0.00
29	0.00	-0.20	82.56	0.00	0.00	0.00
30	0.00	-0.17	82.55	0.00	0.00	0.00
31	0.00	-14.45	82.11	0.00	0.00	0.00
32	0.00	14.07	83.08	0.00	0.00	0.00
33	0.00	-0.18	80.88	0.00	0.00	0.00
34	0.00	-0.18	81.56	0.00	0.00	0.00
35	0.00	-0.18	80.88	0.00	0.00	0.00
36	0.00	-0.18	80.88	0.00	0.00	0.00
37	0.00	-3.03	80.79	0.00	0.00	0.00
38	0.00	2.67	80.99	0.00	0.00	0.00
39	0.00	-0.18	80.88	0.00	0.00	0.00
40	0.00	-0.29	0.06	0.00	0.00	0.00
41	0.00	-0.20	0.07	0.00	0.00	0.00
42	0.00	-84.39	-6.59	0.00	0.00	0.00
43	0.00	-84.42	-6.60	0.00	0.00	0.00
44	0.00	-25.78	78.96	0.00	0.00	0.00
45	0.00	24.85	82.92	0.00	0.00	0.00
46	0.00	-25.79	78.96	0.00	0.00	0.00
47	0.00	24.86	82.92	0.00	0.00	0.00
48	0.00	-25.21	78.85	0.00	0.00	0.00
49	0.00	25.42	82.80	0.00	0.00	0.00
50	0.00	-25.22	78.85	0.00	0.00	0.00
51	0.00	25.43	82.81	0.00	0.00	0.00
52	0.00	-25.70	78.97	0.00	0.00	0.00
53	0.00	24.93	82.93	0.00	0.00	0.00
54	0.00	-25.71	78.97	0.00	0.00	0.00
55	0.00	24.94	82.93	0.00	0.00	0.00
56	0.00	-25.29	78.84	0.00	0.00	0.00
57	0.00	25.34	82.80	0.00	0.00	0.00
58	0.00	-25.30	78.84	0.00	0.00	0.00

59	0.00	25.35	82.80	0.00	0.00	0.00
60	0.00	-84.66	74.31	0.00	0.00	0.00
61	0.00	-84.49	74.27	0.00	0.00	0.00
62	0.00	-84.64	74.31	0.00	0.00	0.00
63	0.00	-84.51	74.27	0.00	0.00	0.00
64	0.00	84.13	87.49	0.00	0.00	0.00
65	0.00	84.30	87.46	0.00	0.00	0.00
66	0.00	84.15	87.50	0.00	0.00	0.00
67	0.00	84.28	87.46	0.00	0.00	0.00
68	0.00	-84.69	74.30	0.00	0.00	0.00
69	0.00	-84.52	74.27	0.00	0.00	0.00
70	0.00	-84.66	74.31	0.00	0.00	0.00
71	0.00	-84.54	74.27	0.00	0.00	0.00
72	0.00	84.16	87.50	0.00	0.00	0.00
73	0.00	84.33	87.47	0.00	0.00	0.00
74	0.00	84.18	87.50	0.00	0.00	0.00
75	0.00	84.30	87.46	0.00	0.00	0.00

4 GLOBAL

1	0.00	0.04	43.21	0.00	0.00	0.00
2	0.00	0.00	37.44	0.00	0.00	0.00
3	0.00	-0.01	1.70	0.00	0.00	0.00
4	0.00	-0.02	3.35	0.00	0.00	0.00
5	0.00	-0.03	0.14	0.00	0.00	0.00
6	0.00	0.02	-0.16	0.00	0.00	0.00
7	0.00	-10.70	-0.74	0.00	0.00	0.00
8	0.00	10.70	0.78	0.00	0.00	0.00
9	0.00	-0.02	110.03	0.00	0.00	0.00
10	0.00	0.03	109.76	0.00	0.00	0.00
11	0.00	-9.62	109.24	0.00	0.00	0.00
12	0.00	9.64	110.61	0.00	0.00	0.00
13	0.00	-0.02	110.00	0.00	0.00	0.00
14	0.00	0.03	109.73	0.00	0.00	0.00
15	0.00	-9.62	109.21	0.00	0.00	0.00
16	0.00	9.64	110.58	0.00	0.00	0.00
17	0.00	-0.02	107.57	0.00	0.00	0.00
18	0.00	0.06	107.12	0.00	0.00	0.00
19	0.00	-16.02	106.25	0.00	0.00	0.00
20	0.00	16.07	108.54	0.00	0.00	0.00
21	0.00	-0.01	84.11	0.00	0.00	0.00
22	0.00	0.03	83.93	0.00	0.00	0.00
23	0.00	-6.41	83.58	0.00	0.00	0.00
24	0.00	6.43	84.50	0.00	0.00	0.00
25	0.00	-0.01	84.09	0.00	0.00	0.00
26	0.00	0.03	83.91	0.00	0.00	0.00
27	0.00	-6.41	83.56	0.00	0.00	0.00
28	0.00	6.43	84.47	0.00	0.00	0.00
29	0.00	-0.01	82.47	0.00	0.00	0.00
30	0.00	0.05	82.17	0.00	0.00	0.00
31	0.00	-10.68	81.59	0.00	0.00	0.00
32	0.00	10.72	83.11	0.00	0.00	0.00

33	0.00	0.03	80.65	0.00	0.00	0.00
34	0.00	0.03	81.32	0.00	0.00	0.00
35	0.00	0.03	80.68	0.00	0.00	0.00
36	0.00	0.04	80.62	0.00	0.00	0.00
37	0.00	-2.11	80.51	0.00	0.00	0.00
38	0.00	2.17	80.81	0.00	0.00	0.00
39	0.00	0.03	80.65	0.00	0.00	0.00
40	0.00	-3.21	2.58	0.00	0.00	0.00
41	0.00	1.52	2.92	0.00	0.00	0.00
42	0.00	-98.15	-9.80	0.00	0.00	0.00
43	0.00	-83.29	-8.48	0.00	0.00	0.00
44	0.00	-32.63	80.29	0.00	0.00	0.00
45	0.00	26.27	86.17	0.00	0.00	0.00
46	0.00	-28.17	80.68	0.00	0.00	0.00
47	0.00	21.81	85.77	0.00	0.00	0.00
48	0.00	-26.20	75.14	0.00	0.00	0.00
49	0.00	32.69	81.02	0.00	0.00	0.00
50	0.00	-21.74	75.53	0.00	0.00	0.00
51	0.00	28.23	80.62	0.00	0.00	0.00
52	0.00	-27.90	80.63	0.00	0.00	0.00
53	0.00	30.99	86.51	0.00	0.00	0.00
54	0.00	-23.44	81.03	0.00	0.00	0.00
55	0.00	26.54	86.12	0.00	0.00	0.00
56	0.00	-30.93	74.80	0.00	0.00	0.00
57	0.00	27.96	80.68	0.00	0.00	0.00
58	0.00	-26.47	75.19	0.00	0.00	0.00
59	0.00	23.51	80.28	0.00	0.00	0.00
60	0.00	-99.08	71.62	0.00	0.00	0.00
61	0.00	-97.16	70.08	0.00	0.00	0.00
62	0.00	-97.66	71.72	0.00	0.00	0.00
63	0.00	-98.57	69.97	0.00	0.00	0.00
64	0.00	97.22	91.23	0.00	0.00	0.00
65	0.00	99.15	89.68	0.00	0.00	0.00
66	0.00	98.64	91.33	0.00	0.00	0.00
67	0.00	97.73	89.58	0.00	0.00	0.00
68	0.00	-84.22	72.94	0.00	0.00	0.00
69	0.00	-82.29	71.40	0.00	0.00	0.00
70	0.00	-82.80	73.04	0.00	0.00	0.00
71	0.00	-83.71	71.29	0.00	0.00	0.00
72	0.00	82.36	89.91	0.00	0.00	0.00
73	0.00	84.29	88.36	0.00	0.00	0.00
74	0.00	83.78	90.01	0.00	0.00	0.00
75	0.00	82.87	88.26	0.00	0.00	0.00

5

GLOBAL

1	0.00	0.23	43.81	0.00	0.00	0.00
2	0.00	-0.10	35.74	0.00	0.00	0.00
3	0.00	0.00	1.57	0.00	0.00	0.00
4	0.00	0.01	3.33	0.00	0.00	0.00
5	0.00	-0.81	0.39	0.00	0.00	0.00
6	0.00	0.81	-0.36	0.00	0.00	0.00

7	0.00	-24.85	-2.10	0.00	0.00	0.00
8	0.00	24.84	2.11	0.00	0.00	0.00
9	0.00	-0.55	108.62	0.00	0.00	0.00
10	0.00	0.91	107.95	0.00	0.00	0.00
11	0.00	-22.18	106.37	0.00	0.00	0.00
12	0.00	22.54	110.16	0.00	0.00	0.00
13	0.00	-0.54	108.76	0.00	0.00	0.00
14	0.00	0.92	108.09	0.00	0.00	0.00
15	0.00	-22.18	106.52	0.00	0.00	0.00
16	0.00	22.55	110.31	0.00	0.00	0.00
17	0.00	-1.04	106.50	0.00	0.00	0.00
18	0.00	1.39	105.38	0.00	0.00	0.00
19	0.00	-37.10	102.76	0.00	0.00	0.00
20	0.00	37.44	109.07	0.00	0.00	0.00
21	0.00	-0.35	83.02	0.00	0.00	0.00
22	0.00	0.62	82.57	0.00	0.00	0.00
23	0.00	-14.77	81.52	0.00	0.00	0.00
24	0.00	15.04	84.05	0.00	0.00	0.00
25	0.00	-0.34	83.11	0.00	0.00	0.00
26	0.00	0.63	82.67	0.00	0.00	0.00
27	0.00	-14.77	81.62	0.00	0.00	0.00
28	0.00	15.05	84.14	0.00	0.00	0.00
29	0.00	-0.68	81.61	0.00	0.00	0.00
30	0.00	0.94	80.86	0.00	0.00	0.00
31	0.00	-24.71	79.11	0.00	0.00	0.00
32	0.00	24.98	83.32	0.00	0.00	0.00
33	0.00	0.13	79.55	0.00	0.00	0.00
34	0.00	0.13	80.21	0.00	0.00	0.00
35	0.00	-0.03	79.63	0.00	0.00	0.00
36	0.00	0.29	79.48	0.00	0.00	0.00
37	0.00	-4.84	79.13	0.00	0.00	0.00
38	0.00	5.10	79.97	0.00	0.00	0.00
39	0.00	0.13	79.55	0.00	0.00	0.00
40	0.00	-6.80	8.50	0.00	0.00	0.00
41	0.00	-30.25	8.15	0.00	0.00	0.00
42	0.00	-309.23	-19.80	0.00	0.00	0.00
43	0.00	-244.04	-16.54	0.00	0.00	0.00
44	0.00	-99.44	82.10	0.00	0.00	0.00
45	0.00	86.10	93.99	0.00	0.00	0.00
46	0.00	-79.88	83.08	0.00	0.00	0.00
47	0.00	66.55	93.01	0.00	0.00	0.00
48	0.00	-85.84	65.11	0.00	0.00	0.00
49	0.00	99.69	76.99	0.00	0.00	0.00
50	0.00	-66.29	66.09	0.00	0.00	0.00
51	0.00	80.14	76.01	0.00	0.00	0.00
52	0.00	-122.89	81.76	0.00	0.00	0.00
53	0.00	62.65	93.64	0.00	0.00	0.00
54	0.00	-103.33	82.73	0.00	0.00	0.00
55	0.00	43.09	92.66	0.00	0.00	0.00
56	0.00	-62.39	65.46	0.00	0.00	0.00

57	0.00	123.15	77.34	0.00	0.00	0.00
58	0.00	-42.83	66.44	0.00	0.00	0.00
59	0.00	103.59	76.36	0.00	0.00	0.00
60	0.00	-311.14	62.30	0.00	0.00	0.00
61	0.00	-307.06	57.20	0.00	0.00	0.00
62	0.00	-318.18	62.19	0.00	0.00	0.00
63	0.00	-300.03	57.30	0.00	0.00	0.00
64	0.00	307.32	101.90	0.00	0.00	0.00
65	0.00	311.40	96.80	0.00	0.00	0.00
66	0.00	300.29	101.79	0.00	0.00	0.00
67	0.00	318.44	96.90	0.00	0.00	0.00
68	0.00	-245.95	65.55	0.00	0.00	0.00
69	0.00	-241.87	60.46	0.00	0.00	0.00
70	0.00	-252.98	65.45	0.00	0.00	0.00
71	0.00	-234.83	60.56	0.00	0.00	0.00
72	0.00	242.13	98.64	0.00	0.00	0.00
73	0.00	246.21	93.54	0.00	0.00	0.00
74	0.00	235.09	98.54	0.00	0.00	0.00
75	0.00	253.24	93.65	0.00	0.00	0.00

6

GLOBAL

1	-0.29	0.00	56.17	0.00	0.00	0.00
2	-0.34	0.00	48.68	0.00	0.00	0.00
3	-0.05	0.00	1.91	0.00	0.00	0.00
4	-0.09	0.00	4.06	0.00	0.00	0.00
5	-7.69	0.00	-0.12	0.00	0.00	0.00
6	7.70	0.00	0.27	0.00	0.00	0.00
7	-0.06	0.00	0.00	0.00	0.00	0.00
8	0.04	0.00	-0.01	0.00	0.00	0.00
9	-7.89	0.00	142.11	0.00	0.00	0.00
10	5.95	0.00	142.47	0.00	0.00	0.00
11	-1.02	0.00	142.23	0.00	0.00	0.00
12	-0.93	0.00	142.22	0.00	0.00	0.00
13	-7.88	0.00	142.29	0.00	0.00	0.00
14	5.97	0.00	142.65	0.00	0.00	0.00
15	-1.01	0.00	142.40	0.00	0.00	0.00
16	-0.92	0.00	142.40	0.00	0.00	0.00
17	-12.43	0.00	139.17	0.00	0.00	0.00
18	10.65	0.00	139.76	0.00	0.00	0.00
19	-0.97	0.00	139.36	0.00	0.00	0.00
20	-0.83	0.00	139.34	0.00	0.00	0.00
21	-5.35	0.00	108.72	0.00	0.00	0.00
22	3.89	0.00	108.96	0.00	0.00	0.00
23	-0.77	0.00	108.80	0.00	0.00	0.00
24	-0.71	0.00	108.79	0.00	0.00	0.00
25	-5.34	0.00	108.84	0.00	0.00	0.00
26	3.89	0.00	109.08	0.00	0.00	0.00
27	-0.76	0.00	108.92	0.00	0.00	0.00
28	-0.70	0.00	108.91	0.00	0.00	0.00
29	-8.37	0.00	106.76	0.00	0.00	0.00
30	7.02	0.00	107.15	0.00	0.00	0.00

31	-0.73	0.00	106.88	0.00	0.00	0.00
32	-0.64	0.00	106.88	0.00	0.00	0.00
33	-0.63	0.00	104.85	0.00	0.00	0.00
34	-0.65	0.00	105.66	0.00	0.00	0.00
35	-2.17	0.00	104.82	0.00	0.00	0.00
36	0.91	0.00	104.90	0.00	0.00	0.00
37	-0.64	0.00	104.85	0.00	0.00	0.00
38	-0.62	0.00	104.85	0.00	0.00	0.00
39	-0.63	0.00	104.85	0.00	0.00	0.00
40	-158.35	0.00	-8.14	0.00	0.00	0.00
41	-158.94	0.00	-8.14	0.00	0.00	0.00
42	-0.87	0.00	0.04	0.00	0.00	0.00
43	-0.22	0.00	0.05	0.00	0.00	0.00
44	-159.24	0.00	96.72	0.00	0.00	0.00
45	-158.72	0.00	96.70	0.00	0.00	0.00
46	-159.05	0.00	96.73	0.00	0.00	0.00
47	-158.91	0.00	96.69	0.00	0.00	0.00
48	157.46	0.00	113.00	0.00	0.00	0.00
49	157.98	0.00	112.98	0.00	0.00	0.00
50	157.65	0.00	113.01	0.00	0.00	0.00
51	157.78	0.00	112.97	0.00	0.00	0.00
52	-159.84	0.00	96.72	0.00	0.00	0.00
53	-159.32	0.00	96.69	0.00	0.00	0.00
54	-159.64	0.00	96.72	0.00	0.00	0.00
55	-159.51	0.00	96.69	0.00	0.00	0.00
56	158.05	0.00	113.00	0.00	0.00	0.00
57	158.57	0.00	112.98	0.00	0.00	0.00
58	158.25	0.00	113.01	0.00	0.00	0.00
59	158.38	0.00	112.98	0.00	0.00	0.00
60	-49.00	0.00	102.45	0.00	0.00	0.00
61	46.01	0.00	107.34	0.00	0.00	0.00
62	-49.18	0.00	102.45	0.00	0.00	0.00
63	46.18	0.00	107.34	0.00	0.00	0.00
64	-47.27	0.00	102.36	0.00	0.00	0.00
65	47.74	0.00	107.25	0.00	0.00	0.00
66	-47.45	0.00	102.36	0.00	0.00	0.00
67	47.92	0.00	107.25	0.00	0.00	0.00
68	-48.36	0.00	102.46	0.00	0.00	0.00
69	46.65	0.00	107.35	0.00	0.00	0.00
70	-48.54	0.00	102.46	0.00	0.00	0.00
71	46.83	0.00	107.35	0.00	0.00	0.00
72	-47.91	0.00	102.35	0.00	0.00	0.00
73	47.10	0.00	107.24	0.00	0.00	0.00
74	-48.09	0.00	102.35	0.00	0.00	0.00
75	47.28	0.00	107.24	0.00	0.00	0.00
7	GLOBAL					
1	0.00	0.00	58.45	0.00	0.00	0.00
2	0.00	0.00	52.21	0.00	0.00	0.00
3	0.00	0.00	2.47	0.00	0.00	0.00
4	0.00	0.00	4.59	0.00	0.00	0.00

5	0.00	0.00	-0.17	0.00	0.00	0.00
6	0.00	0.00	0.11	0.00	0.00	0.00
7	0.00	0.00	-0.04	0.00	0.00	0.00
8	0.00	0.00	-0.04	0.00	0.00	0.00
9	0.00	0.00	150.86	0.00	0.00	0.00
10	0.00	0.00	151.10	0.00	0.00	0.00
11	0.00	0.00	150.97	0.00	0.00	0.00
12	0.00	0.00	150.97	0.00	0.00	0.00
13	0.00	0.00	150.59	0.00	0.00	0.00
14	0.00	0.00	150.84	0.00	0.00	0.00
15	0.00	0.00	150.71	0.00	0.00	0.00
16	0.00	0.00	150.70	0.00	0.00	0.00
17	0.00	0.00	147.04	0.00	0.00	0.00
18	0.00	0.00	147.46	0.00	0.00	0.00
19	0.00	0.00	147.24	0.00	0.00	0.00
20	0.00	0.00	147.24	0.00	0.00	0.00
21	0.00	0.00	115.32	0.00	0.00	0.00
22	0.00	0.00	115.49	0.00	0.00	0.00
23	0.00	0.00	115.40	0.00	0.00	0.00
24	0.00	0.00	115.40	0.00	0.00	0.00
25	0.00	0.00	115.15	0.00	0.00	0.00
26	0.00	0.00	115.31	0.00	0.00	0.00
27	0.00	0.00	115.22	0.00	0.00	0.00
28	0.00	0.00	115.22	0.00	0.00	0.00
29	0.00	0.00	112.78	0.00	0.00	0.00
30	0.00	0.00	113.06	0.00	0.00	0.00
31	0.00	0.00	112.92	0.00	0.00	0.00
32	0.00	0.00	112.91	0.00	0.00	0.00
33	0.00	0.00	110.66	0.00	0.00	0.00
34	0.00	0.00	111.57	0.00	0.00	0.00
35	0.00	0.00	110.62	0.00	0.00	0.00
36	0.00	0.00	110.68	0.00	0.00	0.00
37	0.00	0.00	110.65	0.00	0.00	0.00
38	0.00	0.00	110.65	0.00	0.00	0.00
39	0.00	0.00	110.66	0.00	0.00	0.00
40	0.00	0.00	-1.80	0.00	0.00	0.00
41	0.00	0.00	-1.80	0.00	0.00	0.00
42	0.00	0.00	0.00	0.00	0.00	0.00
43	0.00	0.00	0.01	0.00	0.00	0.00
44	0.00	0.00	108.86	0.00	0.00	0.00
45	0.00	0.00	108.86	0.00	0.00	0.00
46	0.00	0.00	108.86	0.00	0.00	0.00
47	0.00	0.00	108.86	0.00	0.00	0.00
48	0.00	0.00	112.45	0.00	0.00	0.00
49	0.00	0.00	112.45	0.00	0.00	0.00
50	0.00	0.00	112.45	0.00	0.00	0.00
51	0.00	0.00	112.45	0.00	0.00	0.00
52	0.00	0.00	108.86	0.00	0.00	0.00
53	0.00	0.00	108.86	0.00	0.00	0.00
54	0.00	0.00	108.86	0.00	0.00	0.00

55	0.00	0.00	108.86	0.00	0.00	0.00
56	0.00	0.00	112.45	0.00	0.00	0.00
57	0.00	0.00	112.45	0.00	0.00	0.00
58	0.00	0.00	112.45	0.00	0.00	0.00
59	0.00	0.00	112.45	0.00	0.00	0.00
60	0.00	0.00	110.12	0.00	0.00	0.00
61	0.00	0.00	111.20	0.00	0.00	0.00
62	0.00	0.00	110.12	0.00	0.00	0.00
63	0.00	0.00	111.20	0.00	0.00	0.00
64	0.00	0.00	110.11	0.00	0.00	0.00
65	0.00	0.00	111.19	0.00	0.00	0.00
66	0.00	0.00	110.11	0.00	0.00	0.00
67	0.00	0.00	111.19	0.00	0.00	0.00
68	0.00	0.00	110.12	0.00	0.00	0.00
69	0.00	0.00	111.20	0.00	0.00	0.00
70	0.00	0.00	110.12	0.00	0.00	0.00
71	0.00	0.00	111.20	0.00	0.00	0.00
72	0.00	0.00	110.11	0.00	0.00	0.00
73	0.00	0.00	111.19	0.00	0.00	0.00
74	0.00	0.00	110.11	0.00	0.00	0.00
75	0.00	0.00	111.19	0.00	0.00	0.00

8

GLOBAL

1	0.00	0.00	57.34	0.00	0.00	0.00
2	0.00	0.00	52.50	0.00	0.00	0.00
3	0.00	0.00	2.45	0.00	0.00	0.00
4	0.00	0.00	4.43	0.00	0.00	0.00
5	0.00	0.00	-0.03	0.00	0.00	0.00
6	0.00	0.00	-0.03	0.00	0.00	0.00
7	0.00	0.00	-0.04	0.00	0.00	0.00
8	0.00	0.00	-0.04	0.00	0.00	0.00
9	0.00	0.00	149.76	0.00	0.00	0.00
10	0.00	0.00	149.75	0.00	0.00	0.00
11	0.00	0.00	149.74	0.00	0.00	0.00
12	0.00	0.00	149.74	0.00	0.00	0.00
13	0.00	0.00	149.41	0.00	0.00	0.00
14	0.00	0.00	149.40	0.00	0.00	0.00
15	0.00	0.00	149.39	0.00	0.00	0.00
16	0.00	0.00	149.39	0.00	0.00	0.00
17	0.00	0.00	146.07	0.00	0.00	0.00
18	0.00	0.00	146.06	0.00	0.00	0.00
19	0.00	0.00	146.04	0.00	0.00	0.00
20	0.00	0.00	146.04	0.00	0.00	0.00
21	0.00	0.00	114.48	0.00	0.00	0.00
22	0.00	0.00	114.48	0.00	0.00	0.00
23	0.00	0.00	114.47	0.00	0.00	0.00
24	0.00	0.00	114.47	0.00	0.00	0.00
25	0.00	0.00	114.25	0.00	0.00	0.00
26	0.00	0.00	114.25	0.00	0.00	0.00
27	0.00	0.00	114.24	0.00	0.00	0.00
28	0.00	0.00	114.24	0.00	0.00	0.00

29	0.00	0.00	112.02	0.00	0.00	0.00
30	0.00	0.00	112.02	0.00	0.00	0.00
31	0.00	0.00	112.01	0.00	0.00	0.00
32	0.00	0.00	112.01	0.00	0.00	0.00
33	0.00	0.00	109.83	0.00	0.00	0.00
34	0.00	0.00	110.72	0.00	0.00	0.00
35	0.00	0.00	109.83	0.00	0.00	0.00
36	0.00	0.00	109.83	0.00	0.00	0.00
37	0.00	0.00	109.83	0.00	0.00	0.00
38	0.00	0.00	109.83	0.00	0.00	0.00
39	0.00	0.00	109.83	0.00	0.00	0.00
40	0.00	0.00	0.06	0.00	0.00	0.00
41	0.00	0.00	0.06	0.00	0.00	0.00
42	0.00	0.00	0.00	0.00	0.00	0.00
43	0.00	0.00	0.00	0.00	0.00	0.00
44	0.00	0.00	109.89	0.00	0.00	0.00
45	0.00	0.00	109.89	0.00	0.00	0.00
46	0.00	0.00	109.89	0.00	0.00	0.00
47	0.00	0.00	109.89	0.00	0.00	0.00
48	0.00	0.00	109.78	0.00	0.00	0.00
49	0.00	0.00	109.78	0.00	0.00	0.00
50	0.00	0.00	109.78	0.00	0.00	0.00
51	0.00	0.00	109.78	0.00	0.00	0.00
52	0.00	0.00	109.89	0.00	0.00	0.00
53	0.00	0.00	109.89	0.00	0.00	0.00
54	0.00	0.00	109.89	0.00	0.00	0.00
55	0.00	0.00	109.89	0.00	0.00	0.00
56	0.00	0.00	109.78	0.00	0.00	0.00
57	0.00	0.00	109.78	0.00	0.00	0.00
58	0.00	0.00	109.78	0.00	0.00	0.00
59	0.00	0.00	109.78	0.00	0.00	0.00
60	0.00	0.00	109.85	0.00	0.00	0.00
61	0.00	0.00	109.82	0.00	0.00	0.00
62	0.00	0.00	109.85	0.00	0.00	0.00
63	0.00	0.00	109.82	0.00	0.00	0.00
64	0.00	0.00	109.85	0.00	0.00	0.00
65	0.00	0.00	109.82	0.00	0.00	0.00
66	0.00	0.00	109.85	0.00	0.00	0.00
67	0.00	0.00	109.82	0.00	0.00	0.00
68	0.00	0.00	109.85	0.00	0.00	0.00
69	0.00	0.00	109.82	0.00	0.00	0.00
70	0.00	0.00	109.85	0.00	0.00	0.00
71	0.00	0.00	109.82	0.00	0.00	0.00
72	0.00	0.00	109.85	0.00	0.00	0.00
73	0.00	0.00	109.82	0.00	0.00	0.00
74	0.00	0.00	109.85	0.00	0.00	0.00
75	0.00	0.00	109.82	0.00	0.00	0.00
9	GLOBAL					
1	0.00	0.00	58.45	0.00	0.00	0.00
2	0.00	0.00	52.21	0.00	0.00	0.00

3	0.00	0.00	2.47	0.00	0.00	0.00
4	0.00	0.00	4.59	0.00	0.00	0.00
5	0.00	0.00	0.11	0.00	0.00	0.00
6	0.00	0.00	-0.17	0.00	0.00	0.00
7	0.00	0.00	-0.04	0.00	0.00	0.00
8	0.00	0.00	-0.04	0.00	0.00	0.00
9	0.00	0.00	151.11	0.00	0.00	0.00
10	0.00	0.00	150.85	0.00	0.00	0.00
11	0.00	0.00	150.97	0.00	0.00	0.00
12	0.00	0.00	150.97	0.00	0.00	0.00
13	0.00	0.00	150.84	0.00	0.00	0.00
14	0.00	0.00	150.59	0.00	0.00	0.00
15	0.00	0.00	150.71	0.00	0.00	0.00
16	0.00	0.00	150.70	0.00	0.00	0.00
17	0.00	0.00	147.46	0.00	0.00	0.00
18	0.00	0.00	147.04	0.00	0.00	0.00
19	0.00	0.00	147.24	0.00	0.00	0.00
20	0.00	0.00	147.24	0.00	0.00	0.00
21	0.00	0.00	115.49	0.00	0.00	0.00
22	0.00	0.00	115.32	0.00	0.00	0.00
23	0.00	0.00	115.40	0.00	0.00	0.00
24	0.00	0.00	115.40	0.00	0.00	0.00
25	0.00	0.00	115.31	0.00	0.00	0.00
26	0.00	0.00	115.14	0.00	0.00	0.00
27	0.00	0.00	115.22	0.00	0.00	0.00
28	0.00	0.00	115.22	0.00	0.00	0.00
29	0.00	0.00	113.06	0.00	0.00	0.00
30	0.00	0.00	112.78	0.00	0.00	0.00
31	0.00	0.00	112.92	0.00	0.00	0.00
32	0.00	0.00	112.91	0.00	0.00	0.00
33	0.00	0.00	110.66	0.00	0.00	0.00
34	0.00	0.00	111.57	0.00	0.00	0.00
35	0.00	0.00	110.68	0.00	0.00	0.00
36	0.00	0.00	110.62	0.00	0.00	0.00
37	0.00	0.00	110.65	0.00	0.00	0.00
38	0.00	0.00	110.65	0.00	0.00	0.00
39	0.00	0.00	110.66	0.00	0.00	0.00
40	0.00	0.00	1.84	0.00	0.00	0.00
41	0.00	0.00	1.84	0.00	0.00	0.00
42	0.00	0.00	0.01	0.00	0.00	0.00
43	0.00	0.00	0.00	0.00	0.00	0.00
44	0.00	0.00	112.49	0.00	0.00	0.00
45	0.00	0.00	112.49	0.00	0.00	0.00
46	0.00	0.00	112.49	0.00	0.00	0.00
47	0.00	0.00	112.49	0.00	0.00	0.00
48	0.00	0.00	108.82	0.00	0.00	0.00
49	0.00	0.00	108.82	0.00	0.00	0.00
50	0.00	0.00	108.82	0.00	0.00	0.00
51	0.00	0.00	108.82	0.00	0.00	0.00
52	0.00	0.00	112.49	0.00	0.00	0.00

53	0.00	0.00	112.49	0.00	0.00	0.00
54	0.00	0.00	112.49	0.00	0.00	0.00
55	0.00	0.00	112.49	0.00	0.00	0.00
56	0.00	0.00	108.82	0.00	0.00	0.00
57	0.00	0.00	108.82	0.00	0.00	0.00
58	0.00	0.00	108.82	0.00	0.00	0.00
59	0.00	0.00	108.82	0.00	0.00	0.00
60	0.00	0.00	111.21	0.00	0.00	0.00
61	0.00	0.00	110.11	0.00	0.00	0.00
62	0.00	0.00	111.21	0.00	0.00	0.00
63	0.00	0.00	110.11	0.00	0.00	0.00
64	0.00	0.00	111.20	0.00	0.00	0.00
65	0.00	0.00	110.10	0.00	0.00	0.00
66	0.00	0.00	111.20	0.00	0.00	0.00
67	0.00	0.00	110.10	0.00	0.00	0.00
68	0.00	0.00	111.21	0.00	0.00	0.00
69	0.00	0.00	110.11	0.00	0.00	0.00
70	0.00	0.00	111.21	0.00	0.00	0.00
71	0.00	0.00	110.11	0.00	0.00	0.00
72	0.00	0.00	111.20	0.00	0.00	0.00
73	0.00	0.00	110.10	0.00	0.00	0.00
74	0.00	0.00	111.20	0.00	0.00	0.00
75	0.00	0.00	110.10	0.00	0.00	0.00

10 GLOBAL

1	0.00	0.00	56.17	0.00	0.00	0.00
2	0.00	0.00	48.68	0.00	0.00	0.00
3	0.00	0.00	1.91	0.00	0.00	0.00
4	0.00	0.00	4.06	0.00	0.00	0.00
5	0.00	0.00	0.27	0.00	0.00	0.00
6	0.00	0.00	-0.11	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	-0.01	0.00	0.00	0.00
9	0.00	0.00	142.46	0.00	0.00	0.00
10	0.00	0.00	142.12	0.00	0.00	0.00
11	0.00	0.00	142.23	0.00	0.00	0.00
12	0.00	0.00	142.22	0.00	0.00	0.00
13	0.00	0.00	142.64	0.00	0.00	0.00
14	0.00	0.00	142.30	0.00	0.00	0.00
15	0.00	0.00	142.40	0.00	0.00	0.00
16	0.00	0.00	142.40	0.00	0.00	0.00
17	0.00	0.00	139.75	0.00	0.00	0.00
18	0.00	0.00	139.18	0.00	0.00	0.00
19	0.00	0.00	139.36	0.00	0.00	0.00
20	0.00	0.00	139.34	0.00	0.00	0.00
21	0.00	0.00	108.95	0.00	0.00	0.00
22	0.00	0.00	108.73	0.00	0.00	0.00
23	0.00	0.00	108.80	0.00	0.00	0.00
24	0.00	0.00	108.79	0.00	0.00	0.00
25	0.00	0.00	109.07	0.00	0.00	0.00
26	0.00	0.00	108.85	0.00	0.00	0.00

27	0.00	0.00	108.92	0.00	0.00	0.00
28	0.00	0.00	108.91	0.00	0.00	0.00
29	0.00	0.00	107.15	0.00	0.00	0.00
30	0.00	0.00	106.77	0.00	0.00	0.00
31	0.00	0.00	106.89	0.00	0.00	0.00
32	0.00	0.00	106.88	0.00	0.00	0.00
33	0.00	0.00	104.85	0.00	0.00	0.00
34	0.00	0.00	105.66	0.00	0.00	0.00
35	0.00	0.00	104.90	0.00	0.00	0.00
36	0.00	0.00	104.83	0.00	0.00	0.00
37	0.00	0.00	104.85	0.00	0.00	0.00
38	0.00	0.00	104.85	0.00	0.00	0.00
39	0.00	0.00	104.85	0.00	0.00	0.00
40	0.00	0.00	7.99	0.00	0.00	0.00
41	0.00	0.00	7.99	0.00	0.00	0.00
42	0.00	0.00	0.05	0.00	0.00	0.00
43	0.00	0.00	0.04	0.00	0.00	0.00
44	0.00	0.00	112.85	0.00	0.00	0.00
45	0.00	0.00	112.82	0.00	0.00	0.00
46	0.00	0.00	112.85	0.00	0.00	0.00
47	0.00	0.00	112.82	0.00	0.00	0.00
48	0.00	0.00	96.88	0.00	0.00	0.00
49	0.00	0.00	96.85	0.00	0.00	0.00
50	0.00	0.00	96.88	0.00	0.00	0.00
51	0.00	0.00	96.85	0.00	0.00	0.00
52	0.00	0.00	112.85	0.00	0.00	0.00
53	0.00	0.00	112.82	0.00	0.00	0.00
54	0.00	0.00	112.85	0.00	0.00	0.00
55	0.00	0.00	112.82	0.00	0.00	0.00
56	0.00	0.00	96.88	0.00	0.00	0.00
57	0.00	0.00	96.84	0.00	0.00	0.00
58	0.00	0.00	96.87	0.00	0.00	0.00
59	0.00	0.00	96.85	0.00	0.00	0.00
60	0.00	0.00	107.30	0.00	0.00	0.00
61	0.00	0.00	102.51	0.00	0.00	0.00
62	0.00	0.00	107.30	0.00	0.00	0.00
63	0.00	0.00	102.51	0.00	0.00	0.00
64	0.00	0.00	107.19	0.00	0.00	0.00
65	0.00	0.00	102.40	0.00	0.00	0.00
66	0.00	0.00	107.19	0.00	0.00	0.00
67	0.00	0.00	102.40	0.00	0.00	0.00
68	0.00	0.00	107.29	0.00	0.00	0.00
69	0.00	0.00	102.50	0.00	0.00	0.00
70	0.00	0.00	107.29	0.00	0.00	0.00
71	0.00	0.00	102.50	0.00	0.00	0.00
72	0.00	0.00	107.20	0.00	0.00	0.00
73	0.00	0.00	102.41	0.00	0.00	0.00
74	0.00	0.00	107.20	0.00	0.00	0.00
75	0.00	0.00	102.41	0.00	0.00	0.00

1	-0.66	0.00	43.81	0.00	0.00	0.00
2	-0.18	0.00	35.74	0.00	0.00	0.00
3	-0.07	0.00	1.57	0.00	0.00	0.00
4	-0.14	0.00	3.33	0.00	0.00	0.00
5	-15.22	0.00	-0.36	0.00	0.00	0.00
6	15.23	0.00	0.40	0.00	0.00	0.00
7	-0.55	0.00	2.10	0.00	0.00	0.00
8	0.56	0.00	-2.10	0.00	0.00	0.00
9	-15.00	0.00	107.94	0.00	0.00	0.00
10	12.40	0.00	108.63	0.00	0.00	0.00
11	-1.80	0.00	110.16	0.00	0.00	0.00
12	-0.80	0.00	106.38	0.00	0.00	0.00
13	-15.00	0.00	108.08	0.00	0.00	0.00
14	12.41	0.00	108.77	0.00	0.00	0.00
15	-1.80	0.00	110.30	0.00	0.00	0.00
16	-0.80	0.00	106.52	0.00	0.00	0.00
17	-24.03	0.00	105.37	0.00	0.00	0.00
18	21.64	0.00	106.51	0.00	0.00	0.00
19	-2.02	0.00	109.06	0.00	0.00	0.00
20	-0.37	0.00	102.77	0.00	0.00	0.00
21	-10.11	0.00	82.57	0.00	0.00	0.00
22	8.16	0.00	83.02	0.00	0.00	0.00
23	-1.31	0.00	84.04	0.00	0.00	0.00
24	-0.65	0.00	81.53	0.00	0.00	0.00
25	-10.11	0.00	82.66	0.00	0.00	0.00
26	8.16	0.00	83.12	0.00	0.00	0.00
27	-1.31	0.00	84.14	0.00	0.00	0.00
28	-0.65	0.00	81.62	0.00	0.00	0.00
29	-16.13	0.00	80.85	0.00	0.00	0.00
30	14.32	0.00	81.61	0.00	0.00	0.00
31	-1.46	0.00	83.31	0.00	0.00	0.00
32	-0.36	0.00	79.12	0.00	0.00	0.00
33	-0.84	0.00	79.55	0.00	0.00	0.00
34	-0.87	0.00	80.21	0.00	0.00	0.00
35	-3.89	0.00	79.48	0.00	0.00	0.00
36	2.20	0.00	79.63	0.00	0.00	0.00
37	-0.95	0.00	79.97	0.00	0.00	0.00
38	-0.73	0.00	79.13	0.00	0.00	0.00
39	-0.84	0.00	79.55	0.00	0.00	0.00
40	-353.45	0.00	-8.31	0.00	0.00	0.00
41	-304.11	0.00	-8.64	0.00	0.00	0.00
42	6.38	0.00	16.48	0.00	0.00	0.00
43	-21.72	0.00	19.71	0.00	0.00	0.00
44	-352.38	0.00	76.18	0.00	0.00	0.00
45	-356.21	0.00	66.29	0.00	0.00	0.00
46	-360.81	0.00	77.15	0.00	0.00	0.00
47	-347.78	0.00	65.32	0.00	0.00	0.00
48	354.52	0.00	92.81	0.00	0.00	0.00
49	350.69	0.00	82.92	0.00	0.00	0.00
50	346.09	0.00	93.78	0.00	0.00	0.00

51	359.13	0.00	81.95	0.00	0.00	0.00
52	-303.04	0.00	75.86	0.00	0.00	0.00
53	-306.87	0.00	65.97	0.00	0.00	0.00
54	-311.47	0.00	76.83	0.00	0.00	0.00
55	-298.44	0.00	65.00	0.00	0.00	0.00
56	305.18	0.00	93.13	0.00	0.00	0.00
57	301.35	0.00	83.24	0.00	0.00	0.00
58	296.75	0.00	94.10	0.00	0.00	0.00
59	309.78	0.00	82.27	0.00	0.00	0.00
60	-100.50	0.00	93.53	0.00	0.00	0.00
61	111.57	0.00	98.52	0.00	0.00	0.00
62	-85.69	0.00	93.44	0.00	0.00	0.00
63	96.77	0.00	98.62	0.00	0.00	0.00
64	-113.26	0.00	60.57	0.00	0.00	0.00
65	98.81	0.00	65.56	0.00	0.00	0.00
66	-98.46	0.00	60.48	0.00	0.00	0.00
67	84.01	0.00	65.66	0.00	0.00	0.00
68	-128.60	0.00	96.76	0.00	0.00	0.00
69	83.47	0.00	101.75	0.00	0.00	0.00
70	-113.80	0.00	96.67	0.00	0.00	0.00
71	68.67	0.00	101.85	0.00	0.00	0.00
72	-85.16	0.00	57.35	0.00	0.00	0.00
73	126.91	0.00	62.33	0.00	0.00	0.00
74	-70.35	0.00	57.25	0.00	0.00	0.00
75	112.11	0.00	62.43	0.00	0.00	0.00

12

GLOBAL

1	0.00	0.00	43.21	0.00	0.00	0.00
2	0.00	0.00	37.44	0.00	0.00	0.00
3	0.00	0.00	1.70	0.00	0.00	0.00
4	0.00	0.00	3.35	0.00	0.00	0.00
5	0.00	0.00	-0.16	0.00	0.00	0.00
6	0.00	0.00	0.14	0.00	0.00	0.00
7	0.00	0.00	0.78	0.00	0.00	0.00
8	0.00	0.00	-0.74	0.00	0.00	0.00
9	0.00	0.00	109.77	0.00	0.00	0.00
10	0.00	0.00	110.03	0.00	0.00	0.00
11	0.00	0.00	110.61	0.00	0.00	0.00
12	0.00	0.00	109.24	0.00	0.00	0.00
13	0.00	0.00	109.73	0.00	0.00	0.00
14	0.00	0.00	110.00	0.00	0.00	0.00
15	0.00	0.00	110.58	0.00	0.00	0.00
16	0.00	0.00	109.21	0.00	0.00	0.00
17	0.00	0.00	107.13	0.00	0.00	0.00
18	0.00	0.00	107.57	0.00	0.00	0.00
19	0.00	0.00	108.53	0.00	0.00	0.00
20	0.00	0.00	106.26	0.00	0.00	0.00
21	0.00	0.00	83.93	0.00	0.00	0.00
22	0.00	0.00	84.11	0.00	0.00	0.00
23	0.00	0.00	84.49	0.00	0.00	0.00
24	0.00	0.00	83.58	0.00	0.00	0.00

25	0.00	0.00	83.91	0.00	0.00	0.00
26	0.00	0.00	84.09	0.00	0.00	0.00
27	0.00	0.00	84.47	0.00	0.00	0.00
28	0.00	0.00	83.56	0.00	0.00	0.00
29	0.00	0.00	82.17	0.00	0.00	0.00
30	0.00	0.00	82.46	0.00	0.00	0.00
31	0.00	0.00	83.11	0.00	0.00	0.00
32	0.00	0.00	81.59	0.00	0.00	0.00
33	0.00	0.00	80.65	0.00	0.00	0.00
34	0.00	0.00	81.32	0.00	0.00	0.00
35	0.00	0.00	80.62	0.00	0.00	0.00
36	0.00	0.00	80.68	0.00	0.00	0.00
37	0.00	0.00	80.81	0.00	0.00	0.00
38	0.00	0.00	80.51	0.00	0.00	0.00
39	0.00	0.00	80.65	0.00	0.00	0.00
40	0.00	0.00	-2.87	0.00	0.00	0.00
41	0.00	0.00	-2.54	0.00	0.00	0.00
42	0.00	0.00	8.46	0.00	0.00	0.00
43	0.00	0.00	9.78	0.00	0.00	0.00
44	0.00	0.00	80.32	0.00	0.00	0.00
45	0.00	0.00	75.24	0.00	0.00	0.00
46	0.00	0.00	80.72	0.00	0.00	0.00
47	0.00	0.00	74.85	0.00	0.00	0.00
48	0.00	0.00	86.06	0.00	0.00	0.00
49	0.00	0.00	80.99	0.00	0.00	0.00
50	0.00	0.00	86.46	0.00	0.00	0.00
51	0.00	0.00	80.59	0.00	0.00	0.00
52	0.00	0.00	80.66	0.00	0.00	0.00
53	0.00	0.00	75.58	0.00	0.00	0.00
54	0.00	0.00	81.05	0.00	0.00	0.00
55	0.00	0.00	75.18	0.00	0.00	0.00
56	0.00	0.00	85.73	0.00	0.00	0.00
57	0.00	0.00	80.65	0.00	0.00	0.00
58	0.00	0.00	86.12	0.00	0.00	0.00
59	0.00	0.00	80.26	0.00	0.00	0.00
60	0.00	0.00	88.25	0.00	0.00	0.00
61	0.00	0.00	89.98	0.00	0.00	0.00
62	0.00	0.00	88.35	0.00	0.00	0.00
63	0.00	0.00	89.87	0.00	0.00	0.00
64	0.00	0.00	71.33	0.00	0.00	0.00
65	0.00	0.00	73.05	0.00	0.00	0.00
66	0.00	0.00	71.43	0.00	0.00	0.00
67	0.00	0.00	72.95	0.00	0.00	0.00
68	0.00	0.00	89.57	0.00	0.00	0.00
69	0.00	0.00	91.29	0.00	0.00	0.00
70	0.00	0.00	89.67	0.00	0.00	0.00
71	0.00	0.00	91.19	0.00	0.00	0.00
72	0.00	0.00	70.01	0.00	0.00	0.00
73	0.00	0.00	71.74	0.00	0.00	0.00
74	0.00	0.00	70.11	0.00	0.00	0.00

13

GLOBAL

75	0.00	0.00	71.63	0.00	0.00	0.00
1	0.00	0.00	43.04	0.00	0.00	0.00
2	0.00	0.00	37.84	0.00	0.00	0.00
3	0.00	0.00	1.74	0.00	0.00	0.00
4	0.00	0.00	3.37	0.00	0.00	0.00
5	0.00	0.00	-0.01	0.00	0.00	0.00
6	0.00	0.00	-0.02	0.00	0.00	0.00
7	0.00	0.00	0.51	0.00	0.00	0.00
8	0.00	0.00	-0.45	0.00	0.00	0.00
9	0.00	0.00	110.27	0.00	0.00	0.00
10	0.00	0.00	110.27	0.00	0.00	0.00
11	0.00	0.00	110.74	0.00	0.00	0.00
12	0.00	0.00	109.87	0.00	0.00	0.00
13	0.00	0.00	110.19	0.00	0.00	0.00
14	0.00	0.00	110.18	0.00	0.00	0.00
15	0.00	0.00	110.66	0.00	0.00	0.00
16	0.00	0.00	109.79	0.00	0.00	0.00
17	0.00	0.00	107.66	0.00	0.00	0.00
18	0.00	0.00	107.65	0.00	0.00	0.00
19	0.00	0.00	108.44	0.00	0.00	0.00
20	0.00	0.00	106.99	0.00	0.00	0.00
21	0.00	0.00	84.30	0.00	0.00	0.00
22	0.00	0.00	84.30	0.00	0.00	0.00
23	0.00	0.00	84.61	0.00	0.00	0.00
24	0.00	0.00	84.03	0.00	0.00	0.00
25	0.00	0.00	84.24	0.00	0.00	0.00
26	0.00	0.00	84.24	0.00	0.00	0.00
27	0.00	0.00	84.55	0.00	0.00	0.00
28	0.00	0.00	83.98	0.00	0.00	0.00
29	0.00	0.00	82.56	0.00	0.00	0.00
30	0.00	0.00	82.55	0.00	0.00	0.00
31	0.00	0.00	83.07	0.00	0.00	0.00
32	0.00	0.00	82.11	0.00	0.00	0.00
33	0.00	0.00	80.88	0.00	0.00	0.00
34	0.00	0.00	81.56	0.00	0.00	0.00
35	0.00	0.00	80.88	0.00	0.00	0.00
36	0.00	0.00	80.88	0.00	0.00	0.00
37	0.00	0.00	80.99	0.00	0.00	0.00
38	0.00	0.00	80.79	0.00	0.00	0.00
39	0.00	0.00	80.88	0.00	0.00	0.00
40	0.00	0.00	0.07	0.00	0.00	0.00
41	0.00	0.00	0.06	0.00	0.00	0.00
42	0.00	0.00	6.58	0.00	0.00	0.00
43	0.00	0.00	6.59	0.00	0.00	0.00
44	0.00	0.00	82.93	0.00	0.00	0.00
45	0.00	0.00	78.98	0.00	0.00	0.00
46	0.00	0.00	82.93	0.00	0.00	0.00
47	0.00	0.00	78.97	0.00	0.00	0.00
48	0.00	0.00	82.79	0.00	0.00	0.00

49	0.00	0.00	78.84	0.00	0.00	0.00
50	0.00	0.00	82.79	0.00	0.00	0.00
51	0.00	0.00	78.84	0.00	0.00	0.00
52	0.00	0.00	82.92	0.00	0.00	0.00
53	0.00	0.00	78.97	0.00	0.00	0.00
54	0.00	0.00	82.92	0.00	0.00	0.00
55	0.00	0.00	78.96	0.00	0.00	0.00
56	0.00	0.00	82.80	0.00	0.00	0.00
57	0.00	0.00	78.85	0.00	0.00	0.00
58	0.00	0.00	82.80	0.00	0.00	0.00
59	0.00	0.00	78.85	0.00	0.00	0.00
60	0.00	0.00	87.49	0.00	0.00	0.00
61	0.00	0.00	87.45	0.00	0.00	0.00
62	0.00	0.00	87.49	0.00	0.00	0.00
63	0.00	0.00	87.45	0.00	0.00	0.00
64	0.00	0.00	74.32	0.00	0.00	0.00
65	0.00	0.00	74.28	0.00	0.00	0.00
66	0.00	0.00	74.32	0.00	0.00	0.00
67	0.00	0.00	74.28	0.00	0.00	0.00
68	0.00	0.00	87.49	0.00	0.00	0.00
69	0.00	0.00	87.45	0.00	0.00	0.00
70	0.00	0.00	87.49	0.00	0.00	0.00
71	0.00	0.00	87.46	0.00	0.00	0.00
72	0.00	0.00	74.31	0.00	0.00	0.00
73	0.00	0.00	74.27	0.00	0.00	0.00
74	0.00	0.00	74.31	0.00	0.00	0.00
75	0.00	0.00	74.28	0.00	0.00	0.00

14 GLOBAL

1	0.00	0.00	43.21	0.00	0.00	0.00
2	0.00	0.00	37.44	0.00	0.00	0.00
3	0.00	0.00	1.70	0.00	0.00	0.00
4	0.00	0.00	3.35	0.00	0.00	0.00
5	0.00	0.00	0.14	0.00	0.00	0.00
6	0.00	0.00	-0.16	0.00	0.00	0.00
7	0.00	0.00	0.78	0.00	0.00	0.00
8	0.00	0.00	-0.74	0.00	0.00	0.00
9	0.00	0.00	110.03	0.00	0.00	0.00
10	0.00	0.00	109.76	0.00	0.00	0.00
11	0.00	0.00	110.61	0.00	0.00	0.00
12	0.00	0.00	109.24	0.00	0.00	0.00
13	0.00	0.00	110.00	0.00	0.00	0.00
14	0.00	0.00	109.73	0.00	0.00	0.00
15	0.00	0.00	110.58	0.00	0.00	0.00
16	0.00	0.00	109.21	0.00	0.00	0.00
17	0.00	0.00	107.57	0.00	0.00	0.00
18	0.00	0.00	107.12	0.00	0.00	0.00
19	0.00	0.00	108.54	0.00	0.00	0.00
20	0.00	0.00	106.26	0.00	0.00	0.00
21	0.00	0.00	84.11	0.00	0.00	0.00
22	0.00	0.00	83.93	0.00	0.00	0.00

23	0.00	0.00	84.49	0.00	0.00	0.00
24	0.00	0.00	83.58	0.00	0.00	0.00
25	0.00	0.00	84.09	0.00	0.00	0.00
26	0.00	0.00	83.91	0.00	0.00	0.00
27	0.00	0.00	84.47	0.00	0.00	0.00
28	0.00	0.00	83.56	0.00	0.00	0.00
29	0.00	0.00	82.47	0.00	0.00	0.00
30	0.00	0.00	82.17	0.00	0.00	0.00
31	0.00	0.00	83.11	0.00	0.00	0.00
32	0.00	0.00	81.59	0.00	0.00	0.00
33	0.00	0.00	80.65	0.00	0.00	0.00
34	0.00	0.00	81.32	0.00	0.00	0.00
35	0.00	0.00	80.68	0.00	0.00	0.00
36	0.00	0.00	80.62	0.00	0.00	0.00
37	0.00	0.00	80.81	0.00	0.00	0.00
38	0.00	0.00	80.51	0.00	0.00	0.00
39	0.00	0.00	80.65	0.00	0.00	0.00
40	0.00	0.00	2.92	0.00	0.00	0.00
41	0.00	0.00	2.58	0.00	0.00	0.00
42	0.00	0.00	9.78	0.00	0.00	0.00
43	0.00	0.00	8.47	0.00	0.00	0.00
44	0.00	0.00	86.51	0.00	0.00	0.00
45	0.00	0.00	80.64	0.00	0.00	0.00
46	0.00	0.00	86.11	0.00	0.00	0.00
47	0.00	0.00	81.03	0.00	0.00	0.00
48	0.00	0.00	80.67	0.00	0.00	0.00
49	0.00	0.00	74.80	0.00	0.00	0.00
50	0.00	0.00	80.28	0.00	0.00	0.00
51	0.00	0.00	75.20	0.00	0.00	0.00
52	0.00	0.00	86.16	0.00	0.00	0.00
53	0.00	0.00	80.29	0.00	0.00	0.00
54	0.00	0.00	85.77	0.00	0.00	0.00
55	0.00	0.00	80.69	0.00	0.00	0.00
56	0.00	0.00	81.01	0.00	0.00	0.00
57	0.00	0.00	75.14	0.00	0.00	0.00
58	0.00	0.00	80.62	0.00	0.00	0.00
59	0.00	0.00	75.54	0.00	0.00	0.00
60	0.00	0.00	91.31	0.00	0.00	0.00
61	0.00	0.00	89.56	0.00	0.00	0.00
62	0.00	0.00	91.21	0.00	0.00	0.00
63	0.00	0.00	89.66	0.00	0.00	0.00
64	0.00	0.00	71.75	0.00	0.00	0.00
65	0.00	0.00	70.00	0.00	0.00	0.00
66	0.00	0.00	71.64	0.00	0.00	0.00
67	0.00	0.00	70.10	0.00	0.00	0.00
68	0.00	0.00	90.00	0.00	0.00	0.00
69	0.00	0.00	88.25	0.00	0.00	0.00
70	0.00	0.00	89.89	0.00	0.00	0.00
71	0.00	0.00	88.35	0.00	0.00	0.00
72	0.00	0.00	73.06	0.00	0.00	0.00

	73	0.00	0.00	71.31	0.00	0.00	0.00
	74	0.00	0.00	72.96	0.00	0.00	0.00
	75	0.00	0.00	71.41	0.00	0.00	0.00
15	GLOBAL						
	1	0.00	0.00	43.81	0.00	0.00	0.00
	2	0.00	0.00	35.74	0.00	0.00	0.00
	3	0.00	0.00	1.57	0.00	0.00	0.00
	4	0.00	0.00	3.33	0.00	0.00	0.00
	5	0.00	0.00	0.39	0.00	0.00	0.00
	6	0.00	0.00	-0.36	0.00	0.00	0.00
	7	0.00	0.00	2.10	0.00	0.00	0.00
	8	0.00	0.00	-2.10	0.00	0.00	0.00
	9	0.00	0.00	108.62	0.00	0.00	0.00
	10	0.00	0.00	107.95	0.00	0.00	0.00
	11	0.00	0.00	110.16	0.00	0.00	0.00
	12	0.00	0.00	106.38	0.00	0.00	0.00
	13	0.00	0.00	108.76	0.00	0.00	0.00
	14	0.00	0.00	108.09	0.00	0.00	0.00
	15	0.00	0.00	110.30	0.00	0.00	0.00
	16	0.00	0.00	106.52	0.00	0.00	0.00
	17	0.00	0.00	106.50	0.00	0.00	0.00
	18	0.00	0.00	105.38	0.00	0.00	0.00
	19	0.00	0.00	109.07	0.00	0.00	0.00
	20	0.00	0.00	102.76	0.00	0.00	0.00
	21	0.00	0.00	83.02	0.00	0.00	0.00
	22	0.00	0.00	82.57	0.00	0.00	0.00
	23	0.00	0.00	84.05	0.00	0.00	0.00
	24	0.00	0.00	81.53	0.00	0.00	0.00
	25	0.00	0.00	83.11	0.00	0.00	0.00
	26	0.00	0.00	82.67	0.00	0.00	0.00
	27	0.00	0.00	84.14	0.00	0.00	0.00
	28	0.00	0.00	81.62	0.00	0.00	0.00
	29	0.00	0.00	81.61	0.00	0.00	0.00
	30	0.00	0.00	80.86	0.00	0.00	0.00
	31	0.00	0.00	83.32	0.00	0.00	0.00
	32	0.00	0.00	79.12	0.00	0.00	0.00
	33	0.00	0.00	79.55	0.00	0.00	0.00
	34	0.00	0.00	80.21	0.00	0.00	0.00
	35	0.00	0.00	79.63	0.00	0.00	0.00
	36	0.00	0.00	79.48	0.00	0.00	0.00
	37	0.00	0.00	79.97	0.00	0.00	0.00
	38	0.00	0.00	79.13	0.00	0.00	0.00
	39	0.00	0.00	79.55	0.00	0.00	0.00
	40	0.00	0.00	8.15	0.00	0.00	0.00
	41	0.00	0.00	8.50	0.00	0.00	0.00
	42	0.00	0.00	19.73	0.00	0.00	0.00
	43	0.00	0.00	16.49	0.00	0.00	0.00
	44	0.00	0.00	93.62	0.00	0.00	0.00
	45	0.00	0.00	81.78	0.00	0.00	0.00
	46	0.00	0.00	92.65	0.00	0.00	0.00

47	0.00	0.00	82.75	0.00	0.00	0.00
48	0.00	0.00	77.32	0.00	0.00	0.00
49	0.00	0.00	65.48	0.00	0.00	0.00
50	0.00	0.00	76.34	0.00	0.00	0.00
51	0.00	0.00	66.45	0.00	0.00	0.00
52	0.00	0.00	93.96	0.00	0.00	0.00
53	0.00	0.00	82.12	0.00	0.00	0.00
54	0.00	0.00	92.99	0.00	0.00	0.00
55	0.00	0.00	83.10	0.00	0.00	0.00
56	0.00	0.00	76.97	0.00	0.00	0.00
57	0.00	0.00	65.13	0.00	0.00	0.00
58	0.00	0.00	76.00	0.00	0.00	0.00
59	0.00	0.00	66.10	0.00	0.00	0.00
60	0.00	0.00	101.73	0.00	0.00	0.00
61	0.00	0.00	96.84	0.00	0.00	0.00
62	0.00	0.00	101.83	0.00	0.00	0.00
63	0.00	0.00	96.73	0.00	0.00	0.00
64	0.00	0.00	62.26	0.00	0.00	0.00
65	0.00	0.00	57.37	0.00	0.00	0.00
66	0.00	0.00	62.36	0.00	0.00	0.00
67	0.00	0.00	57.26	0.00	0.00	0.00
68	0.00	0.00	98.49	0.00	0.00	0.00
69	0.00	0.00	93.60	0.00	0.00	0.00
70	0.00	0.00	98.59	0.00	0.00	0.00
71	0.00	0.00	93.49	0.00	0.00	0.00
72	0.00	0.00	65.50	0.00	0.00	0.00
73	0.00	0.00	60.61	0.00	0.00	0.00
74	0.00	0.00	65.60	0.00	0.00	0.00
75	0.00	0.00	60.51	0.00	0.00	0.00

36

GLOBAL

1	0.00	-0.25	43.28	0.00	0.00	0.00
2	0.00	-0.11	35.96	0.00	0.00	0.00
3	0.00	-0.02	1.56	0.00	0.00	0.00
4	0.00	-0.03	3.27	0.00	0.00	0.00
5	0.00	0.04	-0.33	0.00	0.00	0.00
6	0.00	-0.03	0.35	0.00	0.00	0.00
7	0.00	-0.06	-1.83	0.00	0.00	0.00
8	0.00	0.06	1.84	0.00	0.00	0.00
9	0.00	-0.48	107.52	0.00	0.00	0.00
10	0.00	-0.55	108.13	0.00	0.00	0.00
11	0.00	-0.58	106.17	0.00	0.00	0.00
12	0.00	-0.46	109.47	0.00	0.00	0.00
13	0.00	-0.48	107.63	0.00	0.00	0.00
14	0.00	-0.54	108.24	0.00	0.00	0.00
15	0.00	-0.57	106.28	0.00	0.00	0.00
16	0.00	-0.46	109.58	0.00	0.00	0.00
17	0.00	-0.43	104.98	0.00	0.00	0.00
18	0.00	-0.54	106.00	0.00	0.00	0.00
19	0.00	-0.59	102.72	0.00	0.00	0.00
20	0.00	-0.39	108.23	0.00	0.00	0.00

21	0.00	-0.37	82.25	0.00	0.00	0.00
22	0.00	-0.41	82.65	0.00	0.00	0.00
23	0.00	-0.43	81.34	0.00	0.00	0.00
24	0.00	-0.35	83.55	0.00	0.00	0.00
25	0.00	-0.37	82.32	0.00	0.00	0.00
26	0.00	-0.41	82.72	0.00	0.00	0.00
27	0.00	-0.43	81.42	0.00	0.00	0.00
28	0.00	-0.35	83.62	0.00	0.00	0.00
29	0.00	-0.33	80.55	0.00	0.00	0.00
30	0.00	-0.41	81.23	0.00	0.00	0.00
31	0.00	-0.44	79.05	0.00	0.00	0.00
32	0.00	-0.31	82.72	0.00	0.00	0.00
33	0.00	-0.36	79.24	0.00	0.00	0.00
34	0.00	-0.36	79.90	0.00	0.00	0.00
35	0.00	-0.35	79.18	0.00	0.00	0.00
36	0.00	-0.36	79.31	0.00	0.00	0.00
37	0.00	-0.37	78.88	0.00	0.00	0.00
38	0.00	-0.34	79.61	0.00	0.00	0.00
39	0.00	-0.36	79.24	0.00	0.00	0.00
40	0.00	0.74	-7.48	0.00	0.00	0.00
41	0.00	0.00	-7.30	0.00	0.00	0.00
42	0.00	-0.30	-14.89	0.00	0.00	0.00
43	0.00	-0.07	-17.77	0.00	0.00	0.00
44	0.00	0.29	67.29	0.00	0.00	0.00
45	0.00	0.47	76.22	0.00	0.00	0.00
46	0.00	0.36	66.43	0.00	0.00	0.00
47	0.00	0.40	77.09	0.00	0.00	0.00
48	0.00	-1.19	82.26	0.00	0.00	0.00
49	0.00	-1.01	91.19	0.00	0.00	0.00
50	0.00	-1.12	81.40	0.00	0.00	0.00
51	0.00	-1.07	92.06	0.00	0.00	0.00
52	0.00	-0.45	67.48	0.00	0.00	0.00
53	0.00	-0.27	76.41	0.00	0.00	0.00
54	0.00	-0.38	66.61	0.00	0.00	0.00
55	0.00	-0.33	77.27	0.00	0.00	0.00
56	0.00	-0.45	82.08	0.00	0.00	0.00
57	0.00	-0.27	91.01	0.00	0.00	0.00
58	0.00	-0.38	81.21	0.00	0.00	0.00
59	0.00	-0.34	91.88	0.00	0.00	0.00
60	0.00	-0.44	62.11	0.00	0.00	0.00
61	0.00	-0.88	66.60	0.00	0.00	0.00
62	0.00	-0.66	62.17	0.00	0.00	0.00
63	0.00	-0.66	66.55	0.00	0.00	0.00
64	0.00	0.17	91.88	0.00	0.00	0.00
65	0.00	-0.28	96.38	0.00	0.00	0.00
66	0.00	-0.06	91.94	0.00	0.00	0.00
67	0.00	-0.06	96.32	0.00	0.00	0.00
68	0.00	-0.21	59.23	0.00	0.00	0.00
69	0.00	-0.65	63.72	0.00	0.00	0.00
70	0.00	-0.43	59.28	0.00	0.00	0.00

37

GLOBAL

71	0.00	-0.43	63.66	0.00	0.00	0.00
72	0.00	-0.06	94.77	0.00	0.00	0.00
73	0.00	-0.51	99.26	0.00	0.00	0.00
74	0.00	-0.28	94.82	0.00	0.00	0.00
75	0.00	-0.28	99.20	0.00	0.00	0.00
1	0.00	0.07	42.87	0.00	0.00	0.00
2	0.00	0.03	36.24	0.00	0.00	0.00
3	0.00	0.01	1.57	0.00	0.00	0.00
4	0.00	0.01	3.23	0.00	0.00	0.00
5	0.00	-0.01	-0.29	0.00	0.00	0.00
6	0.00	0.01	0.31	0.00	0.00	0.00
7	0.00	0.01	-1.54	0.00	0.00	0.00
8	0.00	-0.01	1.56	0.00	0.00	0.00
9	0.00	0.13	107.35	0.00	0.00	0.00
10	0.00	0.15	107.89	0.00	0.00	0.00
11	0.00	0.15	106.23	0.00	0.00	0.00
12	0.00	0.13	109.02	0.00	0.00	0.00
13	0.00	0.13	107.42	0.00	0.00	0.00
14	0.00	0.15	107.96	0.00	0.00	0.00
15	0.00	0.15	106.30	0.00	0.00	0.00
16	0.00	0.13	109.09	0.00	0.00	0.00
17	0.00	0.11	104.82	0.00	0.00	0.00
18	0.00	0.15	105.72	0.00	0.00	0.00
19	0.00	0.15	102.95	0.00	0.00	0.00
20	0.00	0.11	107.60	0.00	0.00	0.00
21	0.00	0.10	82.11	0.00	0.00	0.00
22	0.00	0.11	82.47	0.00	0.00	0.00
23	0.00	0.11	81.36	0.00	0.00	0.00
24	0.00	0.10	83.23	0.00	0.00	0.00
25	0.00	0.10	82.16	0.00	0.00	0.00
26	0.00	0.11	82.52	0.00	0.00	0.00
27	0.00	0.11	81.41	0.00	0.00	0.00
28	0.00	0.10	83.27	0.00	0.00	0.00
29	0.00	0.09	80.43	0.00	0.00	0.00
30	0.00	0.11	81.03	0.00	0.00	0.00
31	0.00	0.11	79.18	0.00	0.00	0.00
32	0.00	0.09	82.28	0.00	0.00	0.00
33	0.00	0.10	79.11	0.00	0.00	0.00
34	0.00	0.10	79.75	0.00	0.00	0.00
35	0.00	0.09	79.05	0.00	0.00	0.00
36	0.00	0.10	79.17	0.00	0.00	0.00
37	0.00	0.10	78.80	0.00	0.00	0.00
38	0.00	0.09	79.42	0.00	0.00	0.00
39	0.00	0.10	79.11	0.00	0.00	0.00
40	0.00	-0.24	-6.39	0.00	0.00	0.00
41	0.00	-0.09	-6.38	0.00	0.00	0.00
42	0.00	0.06	-13.15	0.00	0.00	0.00
43	0.00	0.02	-15.64	0.00	0.00	0.00
44	0.00	-0.13	68.77	0.00	0.00	0.00

45	0.00	-0.16	76.66	0.00	0.00	0.00
46	0.00	-0.14	68.03	0.00	0.00	0.00
47	0.00	-0.15	77.41	0.00	0.00	0.00
48	0.00	0.36	81.55	0.00	0.00	0.00
49	0.00	0.32	89.44	0.00	0.00	0.00
50	0.00	0.34	80.80	0.00	0.00	0.00
51	0.00	0.33	90.19	0.00	0.00	0.00
52	0.00	0.03	68.79	0.00	0.00	0.00
53	0.00	-0.01	76.67	0.00	0.00	0.00
54	0.00	0.01	68.04	0.00	0.00	0.00
55	0.00	0.00	77.42	0.00	0.00	0.00
56	0.00	0.20	81.54	0.00	0.00	0.00
57	0.00	0.17	89.43	0.00	0.00	0.00
58	0.00	0.19	80.79	0.00	0.00	0.00
59	0.00	0.18	90.17	0.00	0.00	0.00
60	0.00	0.08	64.04	0.00	0.00	0.00
61	0.00	0.23	67.88	0.00	0.00	0.00
62	0.00	0.13	64.05	0.00	0.00	0.00
63	0.00	0.18	67.87	0.00	0.00	0.00
64	0.00	-0.03	90.34	0.00	0.00	0.00
65	0.00	0.11	94.17	0.00	0.00	0.00
66	0.00	0.01	90.34	0.00	0.00	0.00
67	0.00	0.07	94.17	0.00	0.00	0.00
68	0.00	0.04	61.55	0.00	0.00	0.00
69	0.00	0.19	65.39	0.00	0.00	0.00
70	0.00	0.09	61.56	0.00	0.00	0.00
71	0.00	0.14	65.38	0.00	0.00	0.00
72	0.00	0.01	92.83	0.00	0.00	0.00
73	0.00	0.15	96.66	0.00	0.00	0.00
74	0.00	0.05	92.83	0.00	0.00	0.00
75	0.00	0.11	96.66	0.00	0.00	0.00

38

GLOBAL

1	0.00	-0.04	42.72	0.00	0.00	0.00
2	0.00	-0.02	36.55	0.00	0.00	0.00
3	0.00	0.00	1.59	0.00	0.00	0.00
4	0.00	-0.01	3.23	0.00	0.00	0.00
5	0.00	0.02	-0.27	0.00	0.00	0.00
6	0.00	-0.02	0.27	0.00	0.00	0.00
7	0.00	0.01	-1.28	0.00	0.00	0.00
8	0.00	-0.01	1.30	0.00	0.00	0.00
9	0.00	-0.08	107.62	0.00	0.00	0.00
10	0.00	-0.11	108.09	0.00	0.00	0.00
11	0.00	-0.09	106.71	0.00	0.00	0.00
12	0.00	-0.10	109.03	0.00	0.00	0.00
13	0.00	-0.08	107.66	0.00	0.00	0.00
14	0.00	-0.10	108.13	0.00	0.00	0.00
15	0.00	-0.08	106.75	0.00	0.00	0.00
16	0.00	-0.10	109.07	0.00	0.00	0.00
17	0.00	-0.06	105.07	0.00	0.00	0.00
18	0.00	-0.11	105.87	0.00	0.00	0.00

19	0.00	-0.07	103.56	0.00	0.00	0.00
20	0.00	-0.10	107.43	0.00	0.00	0.00
21	0.00	-0.06	82.31	0.00	0.00	0.00
22	0.00	-0.08	82.63	0.00	0.00	0.00
23	0.00	-0.07	81.71	0.00	0.00	0.00
24	0.00	-0.07	83.25	0.00	0.00	0.00
25	0.00	-0.06	82.34	0.00	0.00	0.00
26	0.00	-0.08	82.66	0.00	0.00	0.00
27	0.00	-0.06	81.73	0.00	0.00	0.00
28	0.00	-0.07	83.28	0.00	0.00	0.00
29	0.00	-0.05	80.62	0.00	0.00	0.00
30	0.00	-0.08	81.15	0.00	0.00	0.00
31	0.00	-0.06	79.61	0.00	0.00	0.00
32	0.00	-0.07	82.19	0.00	0.00	0.00
33	0.00	-0.06	79.27	0.00	0.00	0.00
34	0.00	-0.06	79.92	0.00	0.00	0.00
35	0.00	-0.06	79.22	0.00	0.00	0.00
36	0.00	-0.07	79.32	0.00	0.00	0.00
37	0.00	-0.06	79.01	0.00	0.00	0.00
38	0.00	-0.06	79.53	0.00	0.00	0.00
39	0.00	-0.06	79.27	0.00	0.00	0.00
40	0.00	0.30	-5.43	0.00	0.00	0.00
41	0.00	0.34	-5.58	0.00	0.00	0.00
42	0.00	0.04	-11.59	0.00	0.00	0.00
43	0.00	0.00	-13.72	0.00	0.00	0.00
44	0.00	0.25	70.37	0.00	0.00	0.00
45	0.00	0.23	77.32	0.00	0.00	0.00
46	0.00	0.24	69.73	0.00	0.00	0.00
47	0.00	0.24	77.96	0.00	0.00	0.00
48	0.00	-0.35	81.22	0.00	0.00	0.00
49	0.00	-0.38	88.17	0.00	0.00	0.00
50	0.00	-0.36	80.58	0.00	0.00	0.00
51	0.00	-0.36	88.81	0.00	0.00	0.00
52	0.00	0.29	70.22	0.00	0.00	0.00
53	0.00	0.27	77.17	0.00	0.00	0.00
54	0.00	0.28	69.58	0.00	0.00	0.00
55	0.00	0.28	77.81	0.00	0.00	0.00
56	0.00	-0.39	81.37	0.00	0.00	0.00
57	0.00	-0.42	88.32	0.00	0.00	0.00
58	0.00	-0.40	80.73	0.00	0.00	0.00
59	0.00	-0.40	88.96	0.00	0.00	0.00
60	0.00	0.07	66.05	0.00	0.00	0.00
61	0.00	-0.11	69.30	0.00	0.00	0.00
62	0.00	0.08	66.00	0.00	0.00	0.00
63	0.00	-0.12	69.35	0.00	0.00	0.00
64	0.00	-0.01	89.23	0.00	0.00	0.00
65	0.00	-0.20	92.49	0.00	0.00	0.00
66	0.00	0.00	89.19	0.00	0.00	0.00
67	0.00	-0.21	92.54	0.00	0.00	0.00
68	0.00	0.03	63.93	0.00	0.00	0.00

	69	0.00	-0.15	67.18	0.00	0.00	0.00
	70	0.00	0.04	63.88	0.00	0.00	0.00
	71	0.00	-0.17	67.23	0.00	0.00	0.00
	72	0.00	0.03	91.36	0.00	0.00	0.00
	73	0.00	-0.15	94.61	0.00	0.00	0.00
	74	0.00	0.04	91.31	0.00	0.00	0.00
	75	0.00	-0.16	94.66	0.00	0.00	0.00
39	GLOBAL						
	1	0.00	0.11	42.81	0.00	0.00	0.00
	2	0.00	0.04	36.89	0.00	0.00	0.00
	3	0.00	0.01	1.62	0.00	0.00	0.00
	4	0.00	0.02	3.26	0.00	0.00	0.00
	5	0.00	-0.05	-0.24	0.00	0.00	0.00
	6	0.00	0.05	0.23	0.00	0.00	0.00
	7	0.00	-0.04	-1.05	0.00	0.00	0.00
	8	0.00	0.04	1.08	0.00	0.00	0.00
	9	0.00	0.18	108.29	0.00	0.00	0.00
	10	0.00	0.27	108.70	0.00	0.00	0.00
	11	0.00	0.19	107.56	0.00	0.00	0.00
	12	0.00	0.27	109.48	0.00	0.00	0.00
	13	0.00	0.18	108.30	0.00	0.00	0.00
	14	0.00	0.27	108.72	0.00	0.00	0.00
	15	0.00	0.19	107.57	0.00	0.00	0.00
	16	0.00	0.26	109.49	0.00	0.00	0.00
	17	0.00	0.13	105.71	0.00	0.00	0.00
	18	0.00	0.29	106.40	0.00	0.00	0.00
	19	0.00	0.15	104.49	0.00	0.00	0.00
	20	0.00	0.27	107.69	0.00	0.00	0.00
	21	0.00	0.14	82.82	0.00	0.00	0.00
	22	0.00	0.20	83.10	0.00	0.00	0.00
	23	0.00	0.15	82.33	0.00	0.00	0.00
	24	0.00	0.20	83.61	0.00	0.00	0.00
	25	0.00	0.14	82.83	0.00	0.00	0.00
	26	0.00	0.20	83.10	0.00	0.00	0.00
	27	0.00	0.14	82.34	0.00	0.00	0.00
	28	0.00	0.20	83.62	0.00	0.00	0.00
	29	0.00	0.11	81.10	0.00	0.00	0.00
	30	0.00	0.21	81.56	0.00	0.00	0.00
	31	0.00	0.12	80.29	0.00	0.00	0.00
	32	0.00	0.20	82.42	0.00	0.00	0.00
	33	0.00	0.15	79.71	0.00	0.00	0.00
	34	0.00	0.16	80.36	0.00	0.00	0.00
	35	0.00	0.14	79.66	0.00	0.00	0.00
	36	0.00	0.16	79.75	0.00	0.00	0.00
	37	0.00	0.14	79.50	0.00	0.00	0.00
	38	0.00	0.16	79.92	0.00	0.00	0.00
	39	0.00	0.15	79.71	0.00	0.00	0.00
	40	0.00	-0.97	-4.51	0.00	0.00	0.00
	41	0.00	-1.28	-4.79	0.00	0.00	0.00
	42	0.00	-0.23	-10.29	0.00	0.00	0.00

43	0.00	-0.01	-12.09	0.00	0.00	0.00
44	0.00	-0.88	72.10	0.00	0.00	0.00
45	0.00	-0.75	78.28	0.00	0.00	0.00
46	0.00	-0.82	71.56	0.00	0.00	0.00
47	0.00	-0.81	78.82	0.00	0.00	0.00
48	0.00	1.05	81.13	0.00	0.00	0.00
49	0.00	1.19	87.31	0.00	0.00	0.00
50	0.00	1.11	80.59	0.00	0.00	0.00
51	0.00	1.12	87.85	0.00	0.00	0.00
52	0.00	-1.20	71.82	0.00	0.00	0.00
53	0.00	-1.06	78.00	0.00	0.00	0.00
54	0.00	-1.14	71.28	0.00	0.00	0.00
55	0.00	-1.13	78.54	0.00	0.00	0.00
56	0.00	1.37	81.41	0.00	0.00	0.00
57	0.00	1.50	87.59	0.00	0.00	0.00
58	0.00	1.43	80.87	0.00	0.00	0.00
59	0.00	1.44	88.13	0.00	0.00	0.00
60	0.00	-0.37	68.06	0.00	0.00	0.00
61	0.00	0.21	70.77	0.00	0.00	0.00
62	0.00	-0.46	67.98	0.00	0.00	0.00
63	0.00	0.31	70.86	0.00	0.00	0.00
64	0.00	0.09	88.64	0.00	0.00	0.00
65	0.00	0.67	91.35	0.00	0.00	0.00
66	0.00	0.00	88.55	0.00	0.00	0.00
67	0.00	0.77	91.43	0.00	0.00	0.00
68	0.00	-0.15	66.26	0.00	0.00	0.00
69	0.00	0.43	68.97	0.00	0.00	0.00
70	0.00	-0.25	66.18	0.00	0.00	0.00
71	0.00	0.52	69.06	0.00	0.00	0.00
72	0.00	-0.12	90.44	0.00	0.00	0.00
73	0.00	0.46	93.15	0.00	0.00	0.00
74	0.00	-0.22	90.35	0.00	0.00	0.00
75	0.00	0.55	93.23	0.00	0.00	0.00

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GLOBAL

1	0.00	-0.45	43.05	0.00	0.00	0.00
2	0.00	-0.16	37.22	0.00	0.00	0.00
3	0.00	-0.04	1.67	0.00	0.00	0.00
4	0.00	-0.07	3.31	0.00	0.00	0.00
5	0.00	0.21	-0.20	0.00	0.00	0.00
6	0.00	-0.21	0.18	0.00	0.00	0.00
7	0.00	0.18	-0.87	0.00	0.00	0.00
8	0.00	-0.18	0.91	0.00	0.00	0.00
9	0.00	-0.72	109.15	0.00	0.00	0.00
10	0.00	-1.10	109.50	0.00	0.00	0.00
11	0.00	-0.75	108.55	0.00	0.00	0.00
12	0.00	-1.07	110.15	0.00	0.00	0.00
13	0.00	-0.71	109.14	0.00	0.00	0.00
14	0.00	-1.08	109.48	0.00	0.00	0.00
15	0.00	-0.74	108.54	0.00	0.00	0.00
16	0.00	-1.06	110.13	0.00	0.00	0.00

17	0.00	-0.53	106.53	0.00	0.00	0.00
18	0.00	-1.15	107.11	0.00	0.00	0.00
19	0.00	-0.57	105.53	0.00	0.00	0.00
20	0.00	-1.11	108.19	0.00	0.00	0.00
21	0.00	-0.56	83.47	0.00	0.00	0.00
22	0.00	-0.81	83.70	0.00	0.00	0.00
23	0.00	-0.58	83.07	0.00	0.00	0.00
24	0.00	-0.79	84.13	0.00	0.00	0.00
25	0.00	-0.55	83.46	0.00	0.00	0.00
26	0.00	-0.80	83.69	0.00	0.00	0.00
27	0.00	-0.57	83.06	0.00	0.00	0.00
28	0.00	-0.78	84.12	0.00	0.00	0.00
29	0.00	-0.43	81.72	0.00	0.00	0.00
30	0.00	-0.85	82.11	0.00	0.00	0.00
31	0.00	-0.46	81.06	0.00	0.00	0.00
32	0.00	-0.82	82.83	0.00	0.00	0.00
33	0.00	-0.61	80.27	0.00	0.00	0.00
34	0.00	-0.62	80.93	0.00	0.00	0.00
35	0.00	-0.56	80.23	0.00	0.00	0.00
36	0.00	-0.65	80.30	0.00	0.00	0.00
37	0.00	-0.57	80.09	0.00	0.00	0.00
38	0.00	-0.64	80.45	0.00	0.00	0.00
39	0.00	-0.61	80.27	0.00	0.00	0.00
40	0.00	3.96	-3.56	0.00	0.00	0.00
41	0.00	5.32	-3.90	0.00	0.00	0.00
42	0.00	0.97	-9.24	0.00	0.00	0.00
43	0.00	0.07	-10.77	0.00	0.00	0.00
44	0.00	3.65	73.94	0.00	0.00	0.00
45	0.00	3.06	79.48	0.00	0.00	0.00
46	0.00	3.37	73.48	0.00	0.00	0.00
47	0.00	3.33	79.94	0.00	0.00	0.00
48	0.00	-4.27	81.05	0.00	0.00	0.00
49	0.00	-4.86	86.59	0.00	0.00	0.00
50	0.00	-4.55	80.59	0.00	0.00	0.00
51	0.00	-4.59	87.05	0.00	0.00	0.00
52	0.00	5.01	73.59	0.00	0.00	0.00
53	0.00	4.42	79.13	0.00	0.00	0.00
54	0.00	4.73	73.13	0.00	0.00	0.00
55	0.00	4.69	79.59	0.00	0.00	0.00
56	0.00	-5.64	81.40	0.00	0.00	0.00
57	0.00	-6.22	86.94	0.00	0.00	0.00
58	0.00	-5.91	80.94	0.00	0.00	0.00
59	0.00	-5.95	87.40	0.00	0.00	0.00
60	0.00	1.55	69.96	0.00	0.00	0.00
61	0.00	-0.82	72.09	0.00	0.00	0.00
62	0.00	1.96	69.86	0.00	0.00	0.00
63	0.00	-1.23	72.20	0.00	0.00	0.00
64	0.00	-0.39	88.44	0.00	0.00	0.00
65	0.00	-2.77	90.57	0.00	0.00	0.00
66	0.00	0.02	88.33	0.00	0.00	0.00

	67	0.00	-3.18	90.68	0.00	0.00	0.00
	68	0.00	0.65	68.43	0.00	0.00	0.00
	69	0.00	-1.73	70.57	0.00	0.00	0.00
	70	0.00	1.06	68.33	0.00	0.00	0.00
	71	0.00	-2.14	70.67	0.00	0.00	0.00
	72	0.00	0.51	89.97	0.00	0.00	0.00
	73	0.00	-1.86	92.10	0.00	0.00	0.00
	74	0.00	0.92	89.86	0.00	0.00	0.00
	75	0.00	-2.27	92.20	0.00	0.00	0.00
41	GLOBAL						
	1	0.00	0.45	43.16	0.00	0.00	0.00
	2	0.00	0.16	37.57	0.00	0.00	0.00
	3	0.00	0.04	1.71	0.00	0.00	0.00
	4	0.00	0.07	3.35	0.00	0.00	0.00
	5	0.00	-0.21	-0.12	0.00	0.00	0.00
	6	0.00	0.20	0.09	0.00	0.00	0.00
	7	0.00	-0.18	-0.64	0.00	0.00	0.00
	8	0.00	0.18	0.69	0.00	0.00	0.00
	9	0.00	0.72	109.92	0.00	0.00	0.00
	10	0.00	1.09	110.10	0.00	0.00	0.00
	11	0.00	0.75	109.45	0.00	0.00	0.00
	12	0.00	1.07	110.64	0.00	0.00	0.00
	13	0.00	0.71	109.87	0.00	0.00	0.00
	14	0.00	1.08	110.06	0.00	0.00	0.00
	15	0.00	0.73	109.40	0.00	0.00	0.00
	16	0.00	1.05	110.59	0.00	0.00	0.00
	17	0.00	0.53	107.28	0.00	0.00	0.00
	18	0.00	1.15	107.60	0.00	0.00	0.00
	19	0.00	0.57	106.50	0.00	0.00	0.00
	20	0.00	1.11	108.49	0.00	0.00	0.00
	21	0.00	0.56	84.04	0.00	0.00	0.00
	22	0.00	0.81	84.17	0.00	0.00	0.00
	23	0.00	0.58	83.73	0.00	0.00	0.00
	24	0.00	0.79	84.52	0.00	0.00	0.00
	25	0.00	0.55	84.01	0.00	0.00	0.00
	26	0.00	0.80	84.14	0.00	0.00	0.00
	27	0.00	0.57	83.70	0.00	0.00	0.00
	28	0.00	0.78	84.49	0.00	0.00	0.00
	29	0.00	0.43	82.29	0.00	0.00	0.00
	30	0.00	0.85	82.50	0.00	0.00	0.00
	31	0.00	0.46	81.76	0.00	0.00	0.00
	32	0.00	0.82	83.09	0.00	0.00	0.00
	33	0.00	0.61	80.73	0.00	0.00	0.00
	34	0.00	0.62	81.40	0.00	0.00	0.00
	35	0.00	0.56	80.70	0.00	0.00	0.00
	36	0.00	0.65	80.75	0.00	0.00	0.00
	37	0.00	0.57	80.60	0.00	0.00	0.00
	38	0.00	0.64	80.86	0.00	0.00	0.00
	39	0.00	0.61	80.73	0.00	0.00	0.00
	40	0.00	-3.93	-1.65	0.00	0.00	0.00

41	0.00	-5.28	-1.94	0.00	0.00	0.00
42	0.00	-0.97	-7.83	0.00	0.00	0.00
43	0.00	-0.07	-8.95	0.00	0.00	0.00
44	0.00	-3.61	76.73	0.00	0.00	0.00
45	0.00	-3.03	81.42	0.00	0.00	0.00
46	0.00	-3.34	76.39	0.00	0.00	0.00
47	0.00	-3.30	81.76	0.00	0.00	0.00
48	0.00	4.24	80.03	0.00	0.00	0.00
49	0.00	4.82	84.73	0.00	0.00	0.00
50	0.00	4.51	79.70	0.00	0.00	0.00
51	0.00	4.55	85.06	0.00	0.00	0.00
52	0.00	-4.97	76.44	0.00	0.00	0.00
53	0.00	-4.39	81.13	0.00	0.00	0.00
54	0.00	-4.70	76.10	0.00	0.00	0.00
55	0.00	-4.66	81.47	0.00	0.00	0.00
56	0.00	5.60	80.32	0.00	0.00	0.00
57	0.00	6.18	85.02	0.00	0.00	0.00
58	0.00	5.87	79.99	0.00	0.00	0.00
59	0.00	5.91	85.35	0.00	0.00	0.00
60	0.00	-1.54	72.41	0.00	0.00	0.00
61	0.00	0.81	73.40	0.00	0.00	0.00
62	0.00	-1.95	72.32	0.00	0.00	0.00
63	0.00	1.22	73.48	0.00	0.00	0.00
64	0.00	0.40	88.06	0.00	0.00	0.00
65	0.00	2.75	89.05	0.00	0.00	0.00
66	0.00	-0.01	87.97	0.00	0.00	0.00
67	0.00	3.16	89.14	0.00	0.00	0.00
68	0.00	-0.64	71.28	0.00	0.00	0.00
69	0.00	1.71	72.28	0.00	0.00	0.00
70	0.00	-1.05	71.20	0.00	0.00	0.00
71	0.00	2.12	72.36	0.00	0.00	0.00
72	0.00	-0.50	89.18	0.00	0.00	0.00
73	0.00	1.85	90.17	0.00	0.00	0.00
74	0.00	-0.91	89.09	0.00	0.00	0.00
75	0.00	2.26	90.26	0.00	0.00	0.00

42

GLOBAL

1	0.00	-0.11	42.99	0.00	0.00	0.00
2	0.00	-0.04	37.64	0.00	0.00	0.00
3	0.00	-0.01	1.71	0.00	0.00	0.00
4	0.00	-0.02	3.34	0.00	0.00	0.00
5	0.00	0.05	-0.09	0.00	0.00	0.00
6	0.00	-0.04	0.06	0.00	0.00	0.00
7	0.00	0.04	-0.56	0.00	0.00	0.00
8	0.00	-0.04	0.61	0.00	0.00	0.00
9	0.00	-0.18	109.81	0.00	0.00	0.00
10	0.00	-0.26	109.95	0.00	0.00	0.00
11	0.00	-0.18	109.39	0.00	0.00	0.00
12	0.00	-0.26	110.44	0.00	0.00	0.00
13	0.00	-0.18	109.75	0.00	0.00	0.00
14	0.00	-0.26	109.89	0.00	0.00	0.00

15	0.00	-0.18	109.33	0.00	0.00	0.00
16	0.00	-0.26	110.38	0.00	0.00	0.00
17	0.00	-0.14	107.19	0.00	0.00	0.00
18	0.00	-0.27	107.42	0.00	0.00	0.00
19	0.00	-0.14	106.49	0.00	0.00	0.00
20	0.00	-0.27	108.24	0.00	0.00	0.00
21	0.00	-0.14	83.96	0.00	0.00	0.00
22	0.00	-0.19	84.05	0.00	0.00	0.00
23	0.00	-0.14	83.68	0.00	0.00	0.00
24	0.00	-0.19	84.38	0.00	0.00	0.00
25	0.00	-0.14	83.92	0.00	0.00	0.00
26	0.00	-0.19	84.01	0.00	0.00	0.00
27	0.00	-0.14	83.64	0.00	0.00	0.00
28	0.00	-0.19	84.34	0.00	0.00	0.00
29	0.00	-0.11	82.21	0.00	0.00	0.00
30	0.00	-0.20	82.37	0.00	0.00	0.00
31	0.00	-0.11	81.75	0.00	0.00	0.00
32	0.00	-0.20	82.91	0.00	0.00	0.00
33	0.00	-0.15	80.64	0.00	0.00	0.00
34	0.00	-0.15	81.30	0.00	0.00	0.00
35	0.00	-0.14	80.62	0.00	0.00	0.00
36	0.00	-0.16	80.65	0.00	0.00	0.00
37	0.00	-0.14	80.52	0.00	0.00	0.00
38	0.00	-0.16	80.76	0.00	0.00	0.00
39	0.00	-0.15	80.64	0.00	0.00	0.00
40	0.00	0.85	-1.13	0.00	0.00	0.00
41	0.00	1.15	-1.38	0.00	0.00	0.00
42	0.00	0.22	-7.24	0.00	0.00	0.00
43	0.00	0.03	-8.12	0.00	0.00	0.00
44	0.00	0.77	77.34	0.00	0.00	0.00
45	0.00	0.64	81.68	0.00	0.00	0.00
46	0.00	0.71	77.08	0.00	0.00	0.00
47	0.00	0.70	81.94	0.00	0.00	0.00
48	0.00	-0.93	79.59	0.00	0.00	0.00
49	0.00	-1.06	83.93	0.00	0.00	0.00
50	0.00	-0.99	79.33	0.00	0.00	0.00
51	0.00	-1.01	84.20	0.00	0.00	0.00
52	0.00	1.07	77.08	0.00	0.00	0.00
53	0.00	0.94	81.42	0.00	0.00	0.00
54	0.00	1.01	76.82	0.00	0.00	0.00
55	0.00	1.00	81.69	0.00	0.00	0.00
56	0.00	-1.24	79.85	0.00	0.00	0.00
57	0.00	-1.37	84.19	0.00	0.00	0.00
58	0.00	-1.29	79.58	0.00	0.00	0.00
59	0.00	-1.31	84.45	0.00	0.00	0.00
60	0.00	0.32	73.06	0.00	0.00	0.00
61	0.00	-0.19	73.74	0.00	0.00	0.00
62	0.00	0.41	72.98	0.00	0.00	0.00
63	0.00	-0.28	73.81	0.00	0.00	0.00
64	0.00	-0.11	87.54	0.00	0.00	0.00

	65	0.00	-0.62	88.21	0.00	0.00	0.00
	66	0.00	-0.02	87.46	0.00	0.00	0.00
	67	0.00	-0.71	88.29	0.00	0.00	0.00
	68	0.00	0.13	72.18	0.00	0.00	0.00
	69	0.00	-0.38	72.86	0.00	0.00	0.00
	70	0.00	0.22	72.11	0.00	0.00	0.00
	71	0.00	-0.47	72.94	0.00	0.00	0.00
	72	0.00	0.08	88.41	0.00	0.00	0.00
	73	0.00	-0.43	89.09	0.00	0.00	0.00
	74	0.00	0.17	88.34	0.00	0.00	0.00
	75	0.00	-0.52	89.17	0.00	0.00	0.00
43	GLOBAL						
	1	0.00	0.03	42.88	0.00	0.00	0.00
	2	0.00	0.01	37.70	0.00	0.00	0.00
	3	0.00	0.00	1.71	0.00	0.00	0.00
	4	0.00	0.01	3.33	0.00	0.00	0.00
	5	0.00	0.01	-0.07	0.00	0.00	0.00
	6	0.00	-0.01	0.05	0.00	0.00	0.00
	7	0.00	-0.01	-0.50	0.00	0.00	0.00
	8	0.00	0.01	0.55	0.00	0.00	0.00
	9	0.00	0.07	109.75	0.00	0.00	0.00
	10	0.00	0.06	109.86	0.00	0.00	0.00
	11	0.00	0.06	109.36	0.00	0.00	0.00
	12	0.00	0.07	110.31	0.00	0.00	0.00
	13	0.00	0.07	109.68	0.00	0.00	0.00
	14	0.00	0.06	109.79	0.00	0.00	0.00
	15	0.00	0.06	109.29	0.00	0.00	0.00
	16	0.00	0.07	110.24	0.00	0.00	0.00
	17	0.00	0.07	107.13	0.00	0.00	0.00
	18	0.00	0.05	107.32	0.00	0.00	0.00
	19	0.00	0.05	106.49	0.00	0.00	0.00
	20	0.00	0.08	108.08	0.00	0.00	0.00
	21	0.00	0.05	83.91	0.00	0.00	0.00
	22	0.00	0.05	83.98	0.00	0.00	0.00
	23	0.00	0.05	83.65	0.00	0.00	0.00
	24	0.00	0.06	84.28	0.00	0.00	0.00
	25	0.00	0.05	83.86	0.00	0.00	0.00
	26	0.00	0.05	83.93	0.00	0.00	0.00
	27	0.00	0.04	83.61	0.00	0.00	0.00
	28	0.00	0.06	84.24	0.00	0.00	0.00
	29	0.00	0.05	82.17	0.00	0.00	0.00
	30	0.00	0.04	82.29	0.00	0.00	0.00
	31	0.00	0.04	81.74	0.00	0.00	0.00
	32	0.00	0.06	82.79	0.00	0.00	0.00
	33	0.00	0.04	80.58	0.00	0.00	0.00
	34	0.00	0.05	81.24	0.00	0.00	0.00
	35	0.00	0.05	80.56	0.00	0.00	0.00
	36	0.00	0.04	80.59	0.00	0.00	0.00
	37	0.00	0.04	80.48	0.00	0.00	0.00
	38	0.00	0.05	80.69	0.00	0.00	0.00

39	0.00	0.04	80.58	0.00	0.00	0.00
40	0.00	0.13	-0.88	0.00	0.00	0.00
41	0.00	0.14	-1.11	0.00	0.00	0.00
42	0.00	0.01	-6.83	0.00	0.00	0.00
43	0.00	-0.04	-7.45	0.00	0.00	0.00
44	0.00	0.17	77.65	0.00	0.00	0.00
45	0.00	0.17	81.74	0.00	0.00	0.00
46	0.00	0.16	77.46	0.00	0.00	0.00
47	0.00	0.18	81.93	0.00	0.00	0.00
48	0.00	-0.08	79.41	0.00	0.00	0.00
49	0.00	-0.08	83.50	0.00	0.00	0.00
50	0.00	-0.09	79.22	0.00	0.00	0.00
51	0.00	-0.07	83.69	0.00	0.00	0.00
52	0.00	0.18	77.42	0.00	0.00	0.00
53	0.00	0.18	81.52	0.00	0.00	0.00
54	0.00	0.17	77.24	0.00	0.00	0.00
55	0.00	0.19	81.71	0.00	0.00	0.00
56	0.00	-0.09	79.63	0.00	0.00	0.00
57	0.00	-0.09	83.73	0.00	0.00	0.00
58	0.00	-0.10	79.45	0.00	0.00	0.00
59	0.00	-0.08	83.92	0.00	0.00	0.00
60	0.00	0.09	73.49	0.00	0.00	0.00
61	0.00	0.02	74.02	0.00	0.00	0.00
62	0.00	0.09	73.42	0.00	0.00	0.00
63	0.00	0.01	74.08	0.00	0.00	0.00
64	0.00	0.07	87.14	0.00	0.00	0.00
65	0.00	0.00	87.67	0.00	0.00	0.00
66	0.00	0.08	87.07	0.00	0.00	0.00
67	0.00	-0.01	87.73	0.00	0.00	0.00
68	0.00	0.04	72.86	0.00	0.00	0.00
69	0.00	-0.03	73.39	0.00	0.00	0.00
70	0.00	0.05	72.79	0.00	0.00	0.00
71	0.00	-0.04	73.45	0.00	0.00	0.00
72	0.00	0.12	87.77	0.00	0.00	0.00
73	0.00	0.05	88.30	0.00	0.00	0.00
74	0.00	0.12	87.70	0.00	0.00	0.00
75	0.00	0.04	88.36	0.00	0.00	0.00
44	GLOBAL					
1	0.00	-0.02	42.88	0.00	0.00	0.00
2	0.00	-0.01	37.76	0.00	0.00	0.00
3	0.00	0.00	1.72	0.00	0.00	0.00
4	0.00	0.00	3.34	0.00	0.00	0.00
5	0.00	-0.07	-0.06	0.00	0.00	0.00
6	0.00	0.07	0.03	0.00	0.00	0.00
7	0.00	-0.01	-0.47	0.00	0.00	0.00
8	0.00	0.01	0.52	0.00	0.00	0.00
9	0.00	-0.11	109.86	0.00	0.00	0.00
10	0.00	0.01	109.95	0.00	0.00	0.00
11	0.00	-0.05	109.50	0.00	0.00	0.00
12	0.00	-0.04	110.39	0.00	0.00	0.00

13	0.00	-0.11	109.79	0.00	0.00	0.00
14	0.00	0.01	109.87	0.00	0.00	0.00
15	0.00	-0.05	109.42	0.00	0.00	0.00
16	0.00	-0.04	110.31	0.00	0.00	0.00
17	0.00	-0.14	107.25	0.00	0.00	0.00
18	0.00	0.06	107.39	0.00	0.00	0.00
19	0.00	-0.05	106.63	0.00	0.00	0.00
20	0.00	-0.03	108.12	0.00	0.00	0.00
21	0.00	-0.07	84.00	0.00	0.00	0.00
22	0.00	0.01	84.05	0.00	0.00	0.00
23	0.00	-0.04	83.75	0.00	0.00	0.00
24	0.00	-0.03	84.35	0.00	0.00	0.00
25	0.00	-0.07	83.94	0.00	0.00	0.00
26	0.00	0.01	84.00	0.00	0.00	0.00
27	0.00	-0.04	83.70	0.00	0.00	0.00
28	0.00	-0.03	84.29	0.00	0.00	0.00
29	0.00	-0.10	82.25	0.00	0.00	0.00
30	0.00	0.03	82.34	0.00	0.00	0.00
31	0.00	-0.04	81.84	0.00	0.00	0.00
32	0.00	-0.03	82.83	0.00	0.00	0.00
33	0.00	-0.03	80.64	0.00	0.00	0.00
34	0.00	-0.03	81.31	0.00	0.00	0.00
35	0.00	-0.04	80.63	0.00	0.00	0.00
36	0.00	-0.02	80.65	0.00	0.00	0.00
37	0.00	-0.03	80.55	0.00	0.00	0.00
38	0.00	-0.03	80.75	0.00	0.00	0.00
39	0.00	-0.03	80.64	0.00	0.00	0.00
40	0.00	-1.36	-0.72	0.00	0.00	0.00
41	0.00	-1.70	-0.90	0.00	0.00	0.00
42	0.00	-0.25	-6.60	0.00	0.00	0.00
43	0.00	0.13	-6.99	0.00	0.00	0.00
44	0.00	-1.46	77.95	0.00	0.00	0.00
45	0.00	-1.31	81.91	0.00	0.00	0.00
46	0.00	-1.35	77.83	0.00	0.00	0.00
47	0.00	-1.43	82.02	0.00	0.00	0.00
48	0.00	1.25	79.38	0.00	0.00	0.00
49	0.00	1.40	83.34	0.00	0.00	0.00
50	0.00	1.36	79.26	0.00	0.00	0.00
51	0.00	1.29	83.46	0.00	0.00	0.00
52	0.00	-1.80	77.77	0.00	0.00	0.00
53	0.00	-1.65	81.73	0.00	0.00	0.00
54	0.00	-1.69	77.65	0.00	0.00	0.00
55	0.00	-1.77	81.84	0.00	0.00	0.00
56	0.00	1.59	79.56	0.00	0.00	0.00
57	0.00	1.74	83.52	0.00	0.00	0.00
58	0.00	1.70	79.44	0.00	0.00	0.00
59	0.00	1.63	83.64	0.00	0.00	0.00
60	0.00	-0.69	73.83	0.00	0.00	0.00
61	0.00	0.12	74.26	0.00	0.00	0.00
62	0.00	-0.79	73.77	0.00	0.00	0.00

	63	0.00	0.23	74.31	0.00	0.00	0.00
	64	0.00	-0.18	87.03	0.00	0.00	0.00
	65	0.00	0.63	87.46	0.00	0.00	0.00
	66	0.00	-0.29	86.98	0.00	0.00	0.00
	67	0.00	0.73	87.51	0.00	0.00	0.00
	68	0.00	-0.31	73.44	0.00	0.00	0.00
	69	0.00	0.51	73.87	0.00	0.00	0.00
	70	0.00	-0.41	73.38	0.00	0.00	0.00
	71	0.00	0.61	73.92	0.00	0.00	0.00
	72	0.00	-0.57	87.42	0.00	0.00	0.00
	73	0.00	0.25	87.85	0.00	0.00	0.00
	74	0.00	-0.67	87.37	0.00	0.00	0.00
	75	0.00	0.35	87.90	0.00	0.00	0.00
45	GLOBAL						
	1	0.00	0.04	42.98	0.00	0.00	0.00
	2	0.00	0.05	37.82	0.00	0.00	0.00
	3	0.00	0.01	1.73	0.00	0.00	0.00
	4	0.00	0.01	3.36	0.00	0.00	0.00
	5	0.00	0.31	-0.04	0.00	0.00	0.00
	6	0.00	-0.31	0.01	0.00	0.00	0.00
	7	0.00	0.04	-0.46	0.00	0.00	0.00
	8	0.00	-0.04	0.51	0.00	0.00	0.00
	9	0.00	0.41	110.12	0.00	0.00	0.00
	10	0.00	-0.14	110.17	0.00	0.00	0.00
	11	0.00	0.18	109.74	0.00	0.00	0.00
	12	0.00	0.10	110.62	0.00	0.00	0.00
	13	0.00	0.41	110.04	0.00	0.00	0.00
	14	0.00	-0.14	110.08	0.00	0.00	0.00
	15	0.00	0.17	109.66	0.00	0.00	0.00
	16	0.00	0.10	110.53	0.00	0.00	0.00
	17	0.00	0.59	107.49	0.00	0.00	0.00
	18	0.00	-0.34	107.58	0.00	0.00	0.00
	19	0.00	0.19	106.87	0.00	0.00	0.00
	20	0.00	0.07	108.32	0.00	0.00	0.00
	21	0.00	0.29	84.19	0.00	0.00	0.00
	22	0.00	-0.08	84.22	0.00	0.00	0.00
	23	0.00	0.13	83.94	0.00	0.00	0.00
	24	0.00	0.08	84.52	0.00	0.00	0.00
	25	0.00	0.29	84.13	0.00	0.00	0.00
	26	0.00	-0.08	84.16	0.00	0.00	0.00
	27	0.00	0.13	83.88	0.00	0.00	0.00
	28	0.00	0.08	84.46	0.00	0.00	0.00
	29	0.00	0.40	82.44	0.00	0.00	0.00
	30	0.00	-0.21	82.49	0.00	0.00	0.00
	31	0.00	0.14	82.02	0.00	0.00	0.00
	32	0.00	0.06	82.99	0.00	0.00	0.00
	33	0.00	0.09	80.80	0.00	0.00	0.00
	34	0.00	0.09	81.47	0.00	0.00	0.00
	35	0.00	0.15	80.79	0.00	0.00	0.00
	36	0.00	0.03	80.80	0.00	0.00	0.00

37	0.00	0.10	80.71	0.00	0.00	0.00
38	0.00	0.08	80.90	0.00	0.00	0.00
39	0.00	0.09	80.80	0.00	0.00	0.00
40	0.00	6.24	-0.44	0.00	0.00	0.00
41	0.00	7.83	-0.54	0.00	0.00	0.00
42	0.00	1.18	-6.55	0.00	0.00	0.00
43	0.00	-0.57	-6.72	0.00	0.00	0.00
44	0.00	6.68	78.40	0.00	0.00	0.00
45	0.00	5.97	82.33	0.00	0.00	0.00
46	0.00	6.16	78.35	0.00	0.00	0.00
47	0.00	6.50	82.38	0.00	0.00	0.00
48	0.00	-5.80	79.27	0.00	0.00	0.00
49	0.00	-6.50	83.20	0.00	0.00	0.00
50	0.00	-6.32	79.22	0.00	0.00	0.00
51	0.00	-5.98	83.25	0.00	0.00	0.00
52	0.00	8.27	78.30	0.00	0.00	0.00
53	0.00	7.57	82.23	0.00	0.00	0.00
54	0.00	7.75	78.25	0.00	0.00	0.00
55	0.00	8.09	82.28	0.00	0.00	0.00
56	0.00	-7.39	79.37	0.00	0.00	0.00
57	0.00	-8.10	83.30	0.00	0.00	0.00
58	0.00	-7.91	79.32	0.00	0.00	0.00
59	0.00	-7.57	83.35	0.00	0.00	0.00
60	0.00	3.14	74.12	0.00	0.00	0.00
61	0.00	-0.60	74.39	0.00	0.00	0.00
62	0.00	3.62	74.09	0.00	0.00	0.00
63	0.00	-1.08	74.41	0.00	0.00	0.00
64	0.00	0.78	87.21	0.00	0.00	0.00
65	0.00	-2.96	87.48	0.00	0.00	0.00
66	0.00	1.26	87.18	0.00	0.00	0.00
67	0.00	-3.44	87.51	0.00	0.00	0.00
68	0.00	1.39	73.95	0.00	0.00	0.00
69	0.00	-2.36	74.22	0.00	0.00	0.00
70	0.00	1.86	73.92	0.00	0.00	0.00
71	0.00	-2.83	74.25	0.00	0.00	0.00
72	0.00	2.53	87.38	0.00	0.00	0.00
73	0.00	-1.21	87.65	0.00	0.00	0.00
74	0.00	3.01	87.35	0.00	0.00	0.00
75	0.00	-1.69	87.68	0.00	0.00	0.00

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GLOBAL

1	0.00	-0.03	42.98	0.00	0.00	0.00
2	0.00	-0.05	37.82	0.00	0.00	0.00
3	0.00	-0.01	1.73	0.00	0.00	0.00
4	0.00	-0.01	3.36	0.00	0.00	0.00
5	0.00	-0.31	0.02	0.00	0.00	0.00
6	0.00	0.31	-0.05	0.00	0.00	0.00
7	0.00	-0.04	-0.46	0.00	0.00	0.00
8	0.00	0.04	0.51	0.00	0.00	0.00
9	0.00	-0.40	110.17	0.00	0.00	0.00
10	0.00	0.15	110.11	0.00	0.00	0.00

11	0.00	-0.17	109.74	0.00	0.00	0.00
12	0.00	-0.09	110.62	0.00	0.00	0.00
13	0.00	-0.40	110.09	0.00	0.00	0.00
14	0.00	0.15	110.03	0.00	0.00	0.00
15	0.00	-0.16	109.66	0.00	0.00	0.00
16	0.00	-0.09	110.53	0.00	0.00	0.00
17	0.00	-0.58	107.58	0.00	0.00	0.00
18	0.00	0.35	107.49	0.00	0.00	0.00
19	0.00	-0.18	106.87	0.00	0.00	0.00
20	0.00	-0.05	108.32	0.00	0.00	0.00
21	0.00	-0.28	84.22	0.00	0.00	0.00
22	0.00	0.09	84.18	0.00	0.00	0.00
23	0.00	-0.12	83.94	0.00	0.00	0.00
24	0.00	-0.07	84.52	0.00	0.00	0.00
25	0.00	-0.28	84.17	0.00	0.00	0.00
26	0.00	0.09	84.13	0.00	0.00	0.00
27	0.00	-0.12	83.88	0.00	0.00	0.00
28	0.00	-0.07	84.46	0.00	0.00	0.00
29	0.00	-0.39	82.50	0.00	0.00	0.00
30	0.00	0.22	82.43	0.00	0.00	0.00
31	0.00	-0.13	82.02	0.00	0.00	0.00
32	0.00	-0.05	82.99	0.00	0.00	0.00
33	0.00	-0.08	80.80	0.00	0.00	0.00
34	0.00	-0.08	81.47	0.00	0.00	0.00
35	0.00	-0.14	80.80	0.00	0.00	0.00
36	0.00	-0.02	80.79	0.00	0.00	0.00
37	0.00	-0.09	80.71	0.00	0.00	0.00
38	0.00	-0.07	80.90	0.00	0.00	0.00
39	0.00	-0.08	80.80	0.00	0.00	0.00
40	0.00	-6.22	0.55	0.00	0.00	0.00
41	0.00	-7.81	0.67	0.00	0.00	0.00
42	0.00	-1.18	-6.71	0.00	0.00	0.00
43	0.00	0.57	-6.55	0.00	0.00	0.00
44	0.00	-6.66	79.34	0.00	0.00	0.00
45	0.00	-5.95	83.36	0.00	0.00	0.00
46	0.00	-6.13	79.38	0.00	0.00	0.00
47	0.00	-6.47	83.31	0.00	0.00	0.00
48	0.00	5.79	78.24	0.00	0.00	0.00
49	0.00	6.49	82.26	0.00	0.00	0.00
50	0.00	6.31	78.28	0.00	0.00	0.00
51	0.00	5.97	82.21	0.00	0.00	0.00
52	0.00	-8.24	79.45	0.00	0.00	0.00
53	0.00	-7.54	83.48	0.00	0.00	0.00
54	0.00	-7.72	79.50	0.00	0.00	0.00
55	0.00	-8.06	83.43	0.00	0.00	0.00
56	0.00	7.37	78.12	0.00	0.00	0.00
57	0.00	8.08	82.14	0.00	0.00	0.00
58	0.00	7.90	78.17	0.00	0.00	0.00
59	0.00	7.56	82.10	0.00	0.00	0.00
60	0.00	-3.13	74.25	0.00	0.00	0.00

	61	0.00	0.60	73.92	0.00	0.00	0.00
	62	0.00	-3.61	74.29	0.00	0.00	0.00
	63	0.00	1.08	73.89	0.00	0.00	0.00
	64	0.00	-0.77	87.68	0.00	0.00	0.00
	65	0.00	2.97	87.35	0.00	0.00	0.00
	66	0.00	-1.24	87.71	0.00	0.00	0.00
	67	0.00	3.44	87.31	0.00	0.00	0.00
	68	0.00	-1.38	74.41	0.00	0.00	0.00
	69	0.00	2.35	74.08	0.00	0.00	0.00
	70	0.00	-1.85	74.45	0.00	0.00	0.00
	71	0.00	2.83	74.05	0.00	0.00	0.00
	72	0.00	-2.52	87.52	0.00	0.00	0.00
	73	0.00	1.22	87.19	0.00	0.00	0.00
	74	0.00	-2.99	87.55	0.00	0.00	0.00
	75	0.00	1.69	87.15	0.00	0.00	0.00
47	GLOBAL						
	1	0.00	0.00	42.88	0.00	0.00	0.00
	2	0.00	0.01	37.76	0.00	0.00	0.00
	3	0.00	0.00	1.72	0.00	0.00	0.00
	4	0.00	0.00	3.34	0.00	0.00	0.00
	5	0.00	0.06	0.04	0.00	0.00	0.00
	6	0.00	-0.06	-0.07	0.00	0.00	0.00
	7	0.00	0.01	-0.47	0.00	0.00	0.00
	8	0.00	-0.01	0.52	0.00	0.00	0.00
	9	0.00	0.07	109.95	0.00	0.00	0.00
	10	0.00	-0.05	109.86	0.00	0.00	0.00
	11	0.00	0.02	109.50	0.00	0.00	0.00
	12	0.00	0.00	110.39	0.00	0.00	0.00
	13	0.00	0.07	109.88	0.00	0.00	0.00
	14	0.00	-0.05	109.78	0.00	0.00	0.00
	15	0.00	0.02	109.42	0.00	0.00	0.00
	16	0.00	0.00	110.31	0.00	0.00	0.00
	17	0.00	0.10	107.40	0.00	0.00	0.00
	18	0.00	-0.09	107.24	0.00	0.00	0.00
	19	0.00	0.03	106.63	0.00	0.00	0.00
	20	0.00	-0.01	108.12	0.00	0.00	0.00
	21	0.00	0.05	84.06	0.00	0.00	0.00
	22	0.00	-0.03	83.99	0.00	0.00	0.00
	23	0.00	0.01	83.75	0.00	0.00	0.00
	24	0.00	0.00	84.35	0.00	0.00	0.00
	25	0.00	0.05	84.00	0.00	0.00	0.00
	26	0.00	-0.03	83.94	0.00	0.00	0.00
	27	0.00	0.01	83.70	0.00	0.00	0.00
	28	0.00	0.00	84.29	0.00	0.00	0.00
	29	0.00	0.07	82.35	0.00	0.00	0.00
	30	0.00	-0.06	82.24	0.00	0.00	0.00
	31	0.00	0.02	81.84	0.00	0.00	0.00
	32	0.00	0.00	82.83	0.00	0.00	0.00
	33	0.00	0.01	80.64	0.00	0.00	0.00
	34	0.00	0.01	81.31	0.00	0.00	0.00

35	0.00	0.02	80.65	0.00	0.00	0.00
36	0.00	-0.01	80.63	0.00	0.00	0.00
37	0.00	0.01	80.55	0.00	0.00	0.00
38	0.00	0.00	80.75	0.00	0.00	0.00
39	0.00	0.01	80.64	0.00	0.00	0.00
40	0.00	1.30	0.83	0.00	0.00	0.00
41	0.00	1.62	1.02	0.00	0.00	0.00
42	0.00	0.25	-6.99	0.00	0.00	0.00
43	0.00	-0.12	-6.61	0.00	0.00	0.00
44	0.00	1.38	79.37	0.00	0.00	0.00
45	0.00	1.23	83.57	0.00	0.00	0.00
46	0.00	1.27	79.49	0.00	0.00	0.00
47	0.00	1.34	83.45	0.00	0.00	0.00
48	0.00	-1.22	77.72	0.00	0.00	0.00
49	0.00	-1.37	81.91	0.00	0.00	0.00
50	0.00	-1.33	77.83	0.00	0.00	0.00
51	0.00	-1.26	81.80	0.00	0.00	0.00
52	0.00	1.71	79.57	0.00	0.00	0.00
53	0.00	1.55	83.76	0.00	0.00	0.00
54	0.00	1.59	79.68	0.00	0.00	0.00
55	0.00	1.67	83.65	0.00	0.00	0.00
56	0.00	-1.54	77.52	0.00	0.00	0.00
57	0.00	-1.69	81.72	0.00	0.00	0.00
58	0.00	-1.65	77.64	0.00	0.00	0.00
59	0.00	-1.58	81.60	0.00	0.00	0.00
60	0.00	0.65	73.90	0.00	0.00	0.00
61	0.00	-0.13	73.41	0.00	0.00	0.00
62	0.00	0.75	73.96	0.00	0.00	0.00
63	0.00	-0.23	73.35	0.00	0.00	0.00
64	0.00	0.14	87.88	0.00	0.00	0.00
65	0.00	-0.64	87.38	0.00	0.00	0.00
66	0.00	0.24	87.94	0.00	0.00	0.00
67	0.00	-0.74	87.32	0.00	0.00	0.00
68	0.00	0.28	74.28	0.00	0.00	0.00
69	0.00	-0.50	73.79	0.00	0.00	0.00
70	0.00	0.37	74.34	0.00	0.00	0.00
71	0.00	-0.60	73.73	0.00	0.00	0.00
72	0.00	0.52	87.50	0.00	0.00	0.00
73	0.00	-0.26	87.00	0.00	0.00	0.00
74	0.00	0.61	87.56	0.00	0.00	0.00
75	0.00	-0.36	86.94	0.00	0.00	0.00
48	GLOBAL					
1	0.00	0.03	42.88	0.00	0.00	0.00
2	0.00	0.01	37.70	0.00	0.00	0.00
3	0.00	0.00	1.71	0.00	0.00	0.00
4	0.00	0.01	3.33	0.00	0.00	0.00
5	0.00	0.00	0.05	0.00	0.00	0.00
6	0.00	-0.01	-0.08	0.00	0.00	0.00
7	0.00	-0.01	-0.50	0.00	0.00	0.00
8	0.00	0.01	0.55	0.00	0.00	0.00

9	0.00	0.07	109.86	0.00	0.00	0.00
10	0.00	0.06	109.74	0.00	0.00	0.00
11	0.00	0.06	109.36	0.00	0.00	0.00
12	0.00	0.07	110.31	0.00	0.00	0.00
13	0.00	0.07	109.79	0.00	0.00	0.00
14	0.00	0.06	109.67	0.00	0.00	0.00
15	0.00	0.06	109.29	0.00	0.00	0.00
16	0.00	0.07	110.24	0.00	0.00	0.00
17	0.00	0.07	107.32	0.00	0.00	0.00
18	0.00	0.05	107.13	0.00	0.00	0.00
19	0.00	0.05	106.49	0.00	0.00	0.00
20	0.00	0.07	108.08	0.00	0.00	0.00
21	0.00	0.05	83.98	0.00	0.00	0.00
22	0.00	0.05	83.91	0.00	0.00	0.00
23	0.00	0.05	83.65	0.00	0.00	0.00
24	0.00	0.06	84.28	0.00	0.00	0.00
25	0.00	0.05	83.94	0.00	0.00	0.00
26	0.00	0.05	83.86	0.00	0.00	0.00
27	0.00	0.05	83.61	0.00	0.00	0.00
28	0.00	0.06	84.24	0.00	0.00	0.00
29	0.00	0.05	82.29	0.00	0.00	0.00
30	0.00	0.04	82.16	0.00	0.00	0.00
31	0.00	0.04	81.74	0.00	0.00	0.00
32	0.00	0.06	82.79	0.00	0.00	0.00
33	0.00	0.04	80.58	0.00	0.00	0.00
34	0.00	0.05	81.24	0.00	0.00	0.00
35	0.00	0.05	80.59	0.00	0.00	0.00
36	0.00	0.04	80.56	0.00	0.00	0.00
37	0.00	0.04	80.48	0.00	0.00	0.00
38	0.00	0.05	80.69	0.00	0.00	0.00
39	0.00	0.04	80.58	0.00	0.00	0.00
40	0.00	0.08	0.98	0.00	0.00	0.00
41	0.00	0.13	1.22	0.00	0.00	0.00
42	0.00	-0.02	-7.45	0.00	0.00	0.00
43	0.00	0.00	-6.83	0.00	0.00	0.00
44	0.00	0.12	79.32	0.00	0.00	0.00
45	0.00	0.13	83.79	0.00	0.00	0.00
46	0.00	0.12	79.51	0.00	0.00	0.00
47	0.00	0.12	83.61	0.00	0.00	0.00
48	0.00	-0.04	77.36	0.00	0.00	0.00
49	0.00	-0.03	81.83	0.00	0.00	0.00
50	0.00	-0.03	77.55	0.00	0.00	0.00
51	0.00	-0.03	81.65	0.00	0.00	0.00
52	0.00	0.17	79.56	0.00	0.00	0.00
53	0.00	0.18	84.03	0.00	0.00	0.00
54	0.00	0.17	79.75	0.00	0.00	0.00
55	0.00	0.17	83.85	0.00	0.00	0.00
56	0.00	-0.09	77.12	0.00	0.00	0.00
57	0.00	-0.08	81.59	0.00	0.00	0.00
58	0.00	-0.08	77.31	0.00	0.00	0.00

59	0.00	-0.08	81.40	0.00	0.00	0.00
60	0.00	0.05	73.42	0.00	0.00	0.00
61	0.00	0.00	72.83	0.00	0.00	0.00
62	0.00	0.07	73.49	0.00	0.00	0.00
63	0.00	-0.01	72.76	0.00	0.00	0.00
64	0.00	0.08	88.32	0.00	0.00	0.00
65	0.00	0.04	87.73	0.00	0.00	0.00
66	0.00	0.10	88.39	0.00	0.00	0.00
67	0.00	0.02	87.66	0.00	0.00	0.00
68	0.00	0.07	74.04	0.00	0.00	0.00
69	0.00	0.02	73.45	0.00	0.00	0.00
70	0.00	0.08	74.11	0.00	0.00	0.00
71	0.00	0.01	73.38	0.00	0.00	0.00
72	0.00	0.07	87.70	0.00	0.00	0.00
73	0.00	0.02	87.11	0.00	0.00	0.00
74	0.00	0.08	87.77	0.00	0.00	0.00
75	0.00	0.01	87.04	0.00	0.00	0.00

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GLOBAL

1	0.00	-0.12	42.99	0.00	0.00	0.00
2	0.00	-0.06	37.64	0.00	0.00	0.00
3	0.00	-0.01	1.71	0.00	0.00	0.00
4	0.00	-0.02	3.34	0.00	0.00	0.00
5	0.00	-0.08	0.07	0.00	0.00	0.00
6	0.00	0.08	-0.09	0.00	0.00	0.00
7	0.00	0.02	-0.56	0.00	0.00	0.00
8	0.00	-0.02	0.61	0.00	0.00	0.00
9	0.00	-0.35	109.95	0.00	0.00	0.00
10	0.00	-0.20	109.81	0.00	0.00	0.00
11	0.00	-0.26	109.39	0.00	0.00	0.00
12	0.00	-0.30	110.44	0.00	0.00	0.00
13	0.00	-0.35	109.89	0.00	0.00	0.00
14	0.00	-0.20	109.75	0.00	0.00	0.00
15	0.00	-0.26	109.33	0.00	0.00	0.00
16	0.00	-0.30	110.38	0.00	0.00	0.00
17	0.00	-0.38	107.43	0.00	0.00	0.00
18	0.00	-0.13	107.19	0.00	0.00	0.00
19	0.00	-0.22	106.49	0.00	0.00	0.00
20	0.00	-0.29	108.24	0.00	0.00	0.00
21	0.00	-0.26	84.05	0.00	0.00	0.00
22	0.00	-0.16	83.96	0.00	0.00	0.00
23	0.00	-0.20	83.68	0.00	0.00	0.00
24	0.00	-0.22	84.38	0.00	0.00	0.00
25	0.00	-0.26	84.01	0.00	0.00	0.00
26	0.00	-0.16	83.92	0.00	0.00	0.00
27	0.00	-0.19	83.64	0.00	0.00	0.00
28	0.00	-0.22	84.34	0.00	0.00	0.00
29	0.00	-0.28	82.37	0.00	0.00	0.00
30	0.00	-0.11	82.21	0.00	0.00	0.00
31	0.00	-0.17	81.75	0.00	0.00	0.00
32	0.00	-0.22	82.91	0.00	0.00	0.00

33	0.00	-0.18	80.64	0.00	0.00	0.00
34	0.00	-0.19	81.30	0.00	0.00	0.00
35	0.00	-0.20	80.65	0.00	0.00	0.00
36	0.00	-0.17	80.62	0.00	0.00	0.00
37	0.00	-0.18	80.52	0.00	0.00	0.00
38	0.00	-0.19	80.76	0.00	0.00	0.00
39	0.00	-0.18	80.64	0.00	0.00	0.00
40	0.00	-1.61	1.21	0.00	0.00	0.00
41	0.00	-2.14	1.48	0.00	0.00	0.00
42	0.00	-0.19	-8.11	0.00	0.00	0.00
43	0.00	0.12	-7.24	0.00	0.00	0.00
44	0.00	-1.85	79.42	0.00	0.00	0.00
45	0.00	-1.74	84.28	0.00	0.00	0.00
46	0.00	-1.76	79.68	0.00	0.00	0.00
47	0.00	-1.83	84.02	0.00	0.00	0.00
48	0.00	1.37	76.99	0.00	0.00	0.00
49	0.00	1.48	81.86	0.00	0.00	0.00
50	0.00	1.46	77.25	0.00	0.00	0.00
51	0.00	1.39	81.60	0.00	0.00	0.00
52	0.00	-2.38	79.69	0.00	0.00	0.00
53	0.00	-2.26	84.55	0.00	0.00	0.00
54	0.00	-2.28	79.95	0.00	0.00	0.00
55	0.00	-2.36	84.29	0.00	0.00	0.00
56	0.00	1.89	76.72	0.00	0.00	0.00
57	0.00	2.01	81.59	0.00	0.00	0.00
58	0.00	1.99	76.98	0.00	0.00	0.00
59	0.00	1.91	81.33	0.00	0.00	0.00
60	0.00	-0.86	72.89	0.00	0.00	0.00
61	0.00	0.11	72.16	0.00	0.00	0.00
62	0.00	-1.01	72.97	0.00	0.00	0.00
63	0.00	0.27	72.08	0.00	0.00	0.00
64	0.00	-0.48	89.11	0.00	0.00	0.00
65	0.00	0.49	88.39	0.00	0.00	0.00
66	0.00	-0.64	89.19	0.00	0.00	0.00
67	0.00	0.65	88.30	0.00	0.00	0.00
68	0.00	-0.54	73.76	0.00	0.00	0.00
69	0.00	0.42	73.03	0.00	0.00	0.00
70	0.00	-0.70	73.84	0.00	0.00	0.00
71	0.00	0.58	72.95	0.00	0.00	0.00
72	0.00	-0.79	88.24	0.00	0.00	0.00
73	0.00	0.18	87.51	0.00	0.00	0.00
74	0.00	-0.95	88.32	0.00	0.00	0.00
75	0.00	0.33	87.43	0.00	0.00	0.00

50

GLOBAL

1	0.00	0.51	43.16	0.00	0.00	0.00
2	0.00	0.26	37.57	0.00	0.00	0.00
3	0.00	0.06	1.71	0.00	0.00	0.00
4	0.00	0.10	3.35	0.00	0.00	0.00
5	0.00	0.37	0.09	0.00	0.00	0.00
6	0.00	-0.37	-0.12	0.00	0.00	0.00

7	0.00	-0.09	-0.64	0.00	0.00	0.00
8	0.00	0.09	0.69	0.00	0.00	0.00
9	0.00	1.49	110.11	0.00	0.00	0.00
10	0.00	0.83	109.91	0.00	0.00	0.00
11	0.00	1.08	109.45	0.00	0.00	0.00
12	0.00	1.24	110.64	0.00	0.00	0.00
13	0.00	1.48	110.06	0.00	0.00	0.00
14	0.00	0.81	109.87	0.00	0.00	0.00
15	0.00	1.07	109.40	0.00	0.00	0.00
16	0.00	1.23	110.59	0.00	0.00	0.00
17	0.00	1.62	107.60	0.00	0.00	0.00
18	0.00	0.52	107.28	0.00	0.00	0.00
19	0.00	0.94	106.50	0.00	0.00	0.00
20	0.00	1.21	108.49	0.00	0.00	0.00
21	0.00	1.10	84.17	0.00	0.00	0.00
22	0.00	0.66	84.04	0.00	0.00	0.00
23	0.00	0.83	83.73	0.00	0.00	0.00
24	0.00	0.93	84.52	0.00	0.00	0.00
25	0.00	1.09	84.14	0.00	0.00	0.00
26	0.00	0.65	84.01	0.00	0.00	0.00
27	0.00	0.81	83.70	0.00	0.00	0.00
28	0.00	0.92	84.49	0.00	0.00	0.00
29	0.00	1.18	82.50	0.00	0.00	0.00
30	0.00	0.45	82.28	0.00	0.00	0.00
31	0.00	0.73	81.76	0.00	0.00	0.00
32	0.00	0.91	83.09	0.00	0.00	0.00
33	0.00	0.77	80.73	0.00	0.00	0.00
34	0.00	0.79	81.40	0.00	0.00	0.00
35	0.00	0.84	80.75	0.00	0.00	0.00
36	0.00	0.70	80.70	0.00	0.00	0.00
37	0.00	0.75	80.60	0.00	0.00	0.00
38	0.00	0.79	80.86	0.00	0.00	0.00
39	0.00	0.77	80.73	0.00	0.00	0.00
40	0.00	7.07	1.72	0.00	0.00	0.00
41	0.00	9.35	2.02	0.00	0.00	0.00
42	0.00	0.86	-8.95	0.00	0.00	0.00
43	0.00	-0.55	-7.83	0.00	0.00	0.00
44	0.00	8.10	79.76	0.00	0.00	0.00
45	0.00	7.59	85.13	0.00	0.00	0.00
46	0.00	7.68	80.10	0.00	0.00	0.00
47	0.00	8.01	84.80	0.00	0.00	0.00
48	0.00	-6.05	76.32	0.00	0.00	0.00
49	0.00	-6.56	81.69	0.00	0.00	0.00
50	0.00	-6.47	76.66	0.00	0.00	0.00
51	0.00	-6.14	81.36	0.00	0.00	0.00
52	0.00	10.38	80.06	0.00	0.00	0.00
53	0.00	9.87	85.43	0.00	0.00	0.00
54	0.00	9.96	80.40	0.00	0.00	0.00
55	0.00	10.29	85.10	0.00	0.00	0.00
56	0.00	-8.32	76.02	0.00	0.00	0.00

57	0.00	-8.84	81.39	0.00	0.00	0.00
58	0.00	-8.75	76.36	0.00	0.00	0.00
59	0.00	-8.42	81.06	0.00	0.00	0.00
60	0.00	3.75	72.29	0.00	0.00	0.00
61	0.00	-0.49	71.26	0.00	0.00	0.00
62	0.00	4.43	72.38	0.00	0.00	0.00
63	0.00	-1.18	71.17	0.00	0.00	0.00
64	0.00	2.03	90.19	0.00	0.00	0.00
65	0.00	-2.21	89.16	0.00	0.00	0.00
66	0.00	2.72	90.28	0.00	0.00	0.00
67	0.00	-2.89	89.07	0.00	0.00	0.00
68	0.00	2.35	73.41	0.00	0.00	0.00
69	0.00	-1.90	72.38	0.00	0.00	0.00
70	0.00	3.03	73.50	0.00	0.00	0.00
71	0.00	-2.58	72.29	0.00	0.00	0.00
72	0.00	3.44	89.07	0.00	0.00	0.00
73	0.00	-0.81	88.04	0.00	0.00	0.00
74	0.00	4.12	89.16	0.00	0.00	0.00
75	0.00	-1.49	87.95	0.00	0.00	0.00

51 GLOBAL

1	0.00	-0.51	43.05	0.00	0.00	0.00
2	0.00	-0.26	37.22	0.00	0.00	0.00
3	0.00	-0.06	1.67	0.00	0.00	0.00
4	0.00	-0.10	3.31	0.00	0.00	0.00
5	0.00	-0.36	0.18	0.00	0.00	0.00
6	0.00	0.37	-0.20	0.00	0.00	0.00
7	0.00	0.09	-0.87	0.00	0.00	0.00
8	0.00	-0.09	0.91	0.00	0.00	0.00
9	0.00	-1.49	109.50	0.00	0.00	0.00
10	0.00	-0.83	109.15	0.00	0.00	0.00
11	0.00	-1.08	108.55	0.00	0.00	0.00
12	0.00	-1.25	110.15	0.00	0.00	0.00
13	0.00	-1.47	109.48	0.00	0.00	0.00
14	0.00	-0.82	109.13	0.00	0.00	0.00
15	0.00	-1.07	108.54	0.00	0.00	0.00
16	0.00	-1.23	110.13	0.00	0.00	0.00
17	0.00	-1.62	107.11	0.00	0.00	0.00
18	0.00	-0.53	106.53	0.00	0.00	0.00
19	0.00	-0.94	105.53	0.00	0.00	0.00
20	0.00	-1.21	108.19	0.00	0.00	0.00
21	0.00	-1.10	83.70	0.00	0.00	0.00
22	0.00	-0.66	83.47	0.00	0.00	0.00
23	0.00	-0.83	83.07	0.00	0.00	0.00
24	0.00	-0.93	84.13	0.00	0.00	0.00
25	0.00	-1.09	83.69	0.00	0.00	0.00
26	0.00	-0.65	83.46	0.00	0.00	0.00
27	0.00	-0.82	83.06	0.00	0.00	0.00
28	0.00	-0.92	84.12	0.00	0.00	0.00
29	0.00	-1.18	82.11	0.00	0.00	0.00
30	0.00	-0.45	81.72	0.00	0.00	0.00

31	0.00	-0.73	81.05	0.00	0.00	0.00
32	0.00	-0.91	82.83	0.00	0.00	0.00
33	0.00	-0.77	80.27	0.00	0.00	0.00
34	0.00	-0.79	80.93	0.00	0.00	0.00
35	0.00	-0.84	80.30	0.00	0.00	0.00
36	0.00	-0.70	80.22	0.00	0.00	0.00
37	0.00	-0.75	80.09	0.00	0.00	0.00
38	0.00	-0.79	80.45	0.00	0.00	0.00
39	0.00	-0.77	80.27	0.00	0.00	0.00
40	0.00	-6.99	3.57	0.00	0.00	0.00
41	0.00	-9.24	3.92	0.00	0.00	0.00
42	0.00	-0.85	-10.77	0.00	0.00	0.00
43	0.00	0.54	-9.25	0.00	0.00	0.00
44	0.00	-8.02	80.60	0.00	0.00	0.00
45	0.00	-7.50	87.06	0.00	0.00	0.00
46	0.00	-7.60	81.06	0.00	0.00	0.00
47	0.00	-7.92	86.61	0.00	0.00	0.00
48	0.00	5.96	73.47	0.00	0.00	0.00
49	0.00	6.47	79.93	0.00	0.00	0.00
50	0.00	6.38	73.92	0.00	0.00	0.00
51	0.00	6.05	79.47	0.00	0.00	0.00
52	0.00	-10.27	80.95	0.00	0.00	0.00
53	0.00	-9.76	87.41	0.00	0.00	0.00
54	0.00	-9.85	81.41	0.00	0.00	0.00
55	0.00	-10.17	86.96	0.00	0.00	0.00
56	0.00	8.21	73.12	0.00	0.00	0.00
57	0.00	8.73	79.58	0.00	0.00	0.00
58	0.00	8.63	73.58	0.00	0.00	0.00
59	0.00	8.31	79.12	0.00	0.00	0.00
60	0.00	-3.72	70.56	0.00	0.00	0.00
61	0.00	0.47	68.42	0.00	0.00	0.00
62	0.00	-4.40	70.67	0.00	0.00	0.00
63	0.00	1.15	68.32	0.00	0.00	0.00
64	0.00	-2.01	92.11	0.00	0.00	0.00
65	0.00	2.18	89.97	0.00	0.00	0.00
66	0.00	-2.69	92.21	0.00	0.00	0.00
67	0.00	2.86	89.86	0.00	0.00	0.00
68	0.00	-2.33	72.09	0.00	0.00	0.00
69	0.00	1.87	69.95	0.00	0.00	0.00
70	0.00	-3.00	72.19	0.00	0.00	0.00
71	0.00	2.54	69.84	0.00	0.00	0.00
72	0.00	-3.41	90.58	0.00	0.00	0.00
73	0.00	0.78	88.44	0.00	0.00	0.00
74	0.00	-4.09	90.69	0.00	0.00	0.00
75	0.00	1.46	88.34	0.00	0.00	0.00
52	GLOBAL					
1	0.00	0.13	42.81	0.00	0.00	0.00
2	0.00	0.06	36.89	0.00	0.00	0.00
3	0.00	0.01	1.62	0.00	0.00	0.00
4	0.00	0.02	3.26	0.00	0.00	0.00

5	0.00	0.07	0.23	0.00	0.00	0.00
6	0.00	-0.07	-0.24	0.00	0.00	0.00
7	0.00	-0.02	-1.05	0.00	0.00	0.00
8	0.00	0.02	1.08	0.00	0.00	0.00
9	0.00	0.34	108.70	0.00	0.00	0.00
10	0.00	0.22	108.29	0.00	0.00	0.00
11	0.00	0.26	107.55	0.00	0.00	0.00
12	0.00	0.30	109.48	0.00	0.00	0.00
13	0.00	0.34	108.71	0.00	0.00	0.00
14	0.00	0.21	108.30	0.00	0.00	0.00
15	0.00	0.26	107.57	0.00	0.00	0.00
16	0.00	0.30	109.49	0.00	0.00	0.00
17	0.00	0.36	106.40	0.00	0.00	0.00
18	0.00	0.15	105.71	0.00	0.00	0.00
19	0.00	0.23	104.49	0.00	0.00	0.00
20	0.00	0.29	107.69	0.00	0.00	0.00
21	0.00	0.25	83.10	0.00	0.00	0.00
22	0.00	0.17	82.82	0.00	0.00	0.00
23	0.00	0.20	82.33	0.00	0.00	0.00
24	0.00	0.23	83.61	0.00	0.00	0.00
25	0.00	0.25	83.10	0.00	0.00	0.00
26	0.00	0.17	82.83	0.00	0.00	0.00
27	0.00	0.20	82.34	0.00	0.00	0.00
28	0.00	0.22	83.62	0.00	0.00	0.00
29	0.00	0.27	81.56	0.00	0.00	0.00
30	0.00	0.13	81.10	0.00	0.00	0.00
31	0.00	0.18	80.29	0.00	0.00	0.00
32	0.00	0.22	82.42	0.00	0.00	0.00
33	0.00	0.19	79.71	0.00	0.00	0.00
34	0.00	0.19	80.36	0.00	0.00	0.00
35	0.00	0.20	79.75	0.00	0.00	0.00
36	0.00	0.17	79.66	0.00	0.00	0.00
37	0.00	0.18	79.50	0.00	0.00	0.00
38	0.00	0.19	79.92	0.00	0.00	0.00
39	0.00	0.19	79.71	0.00	0.00	0.00
40	0.00	1.33	4.50	0.00	0.00	0.00
41	0.00	1.76	4.77	0.00	0.00	0.00
42	0.00	0.18	-12.10	0.00	0.00	0.00
43	0.00	-0.11	-10.30	0.00	0.00	0.00
44	0.00	1.57	80.58	0.00	0.00	0.00
45	0.00	1.46	87.83	0.00	0.00	0.00
46	0.00	1.48	81.12	0.00	0.00	0.00
47	0.00	1.55	87.29	0.00	0.00	0.00
48	0.00	-1.09	71.58	0.00	0.00	0.00
49	0.00	-1.19	78.84	0.00	0.00	0.00
50	0.00	-1.17	72.12	0.00	0.00	0.00
51	0.00	-1.11	78.30	0.00	0.00	0.00
52	0.00	2.00	80.85	0.00	0.00	0.00
53	0.00	1.90	88.11	0.00	0.00	0.00
54	0.00	1.92	81.39	0.00	0.00	0.00

55	0.00	1.98	87.57	0.00	0.00	0.00
56	0.00	-1.52	71.30	0.00	0.00	0.00
57	0.00	-1.63	78.56	0.00	0.00	0.00
58	0.00	-1.61	71.84	0.00	0.00	0.00
59	0.00	-1.54	78.02	0.00	0.00	0.00
60	0.00	0.76	68.96	0.00	0.00	0.00
61	0.00	-0.03	66.26	0.00	0.00	0.00
62	0.00	0.89	69.04	0.00	0.00	0.00
63	0.00	-0.16	66.18	0.00	0.00	0.00
64	0.00	0.41	93.15	0.00	0.00	0.00
65	0.00	-0.39	90.45	0.00	0.00	0.00
66	0.00	0.54	93.24	0.00	0.00	0.00
67	0.00	-0.52	90.37	0.00	0.00	0.00
68	0.00	0.47	70.76	0.00	0.00	0.00
69	0.00	-0.32	68.06	0.00	0.00	0.00
70	0.00	0.61	70.84	0.00	0.00	0.00
71	0.00	-0.45	67.98	0.00	0.00	0.00
72	0.00	0.70	91.35	0.00	0.00	0.00
73	0.00	-0.10	88.65	0.00	0.00	0.00
74	0.00	0.83	91.43	0.00	0.00	0.00
75	0.00	-0.23	88.57	0.00	0.00	0.00

53 GLOBAL

1	0.00	-0.05	42.72	0.00	0.00	0.00
2	0.00	-0.01	36.55	0.00	0.00	0.00
3	0.00	0.00	1.59	0.00	0.00	0.00
4	0.00	-0.01	3.23	0.00	0.00	0.00
5	0.00	0.05	0.26	0.00	0.00	0.00
6	0.00	-0.05	-0.26	0.00	0.00	0.00
7	0.00	0.01	-1.28	0.00	0.00	0.00
8	0.00	-0.01	1.30	0.00	0.00	0.00
9	0.00	-0.04	108.09	0.00	0.00	0.00
10	0.00	-0.12	107.62	0.00	0.00	0.00
11	0.00	-0.07	106.70	0.00	0.00	0.00
12	0.00	-0.09	109.03	0.00	0.00	0.00
13	0.00	-0.03	108.13	0.00	0.00	0.00
14	0.00	-0.12	107.66	0.00	0.00	0.00
15	0.00	-0.07	106.74	0.00	0.00	0.00
16	0.00	-0.09	109.07	0.00	0.00	0.00
17	0.00	0.00	105.87	0.00	0.00	0.00
18	0.00	-0.15	105.08	0.00	0.00	0.00
19	0.00	-0.06	103.55	0.00	0.00	0.00
20	0.00	-0.09	107.43	0.00	0.00	0.00
21	0.00	-0.03	82.63	0.00	0.00	0.00
22	0.00	-0.09	82.31	0.00	0.00	0.00
23	0.00	-0.05	81.70	0.00	0.00	0.00
24	0.00	-0.06	83.25	0.00	0.00	0.00
25	0.00	-0.03	82.66	0.00	0.00	0.00
26	0.00	-0.09	82.34	0.00	0.00	0.00
27	0.00	-0.05	81.73	0.00	0.00	0.00
28	0.00	-0.06	83.28	0.00	0.00	0.00

29	0.00	-0.01	81.15	0.00	0.00	0.00
30	0.00	-0.10	80.62	0.00	0.00	0.00
31	0.00	-0.05	79.61	0.00	0.00	0.00
32	0.00	-0.06	82.19	0.00	0.00	0.00
33	0.00	-0.05	79.27	0.00	0.00	0.00
34	0.00	-0.06	79.92	0.00	0.00	0.00
35	0.00	-0.04	79.32	0.00	0.00	0.00
36	0.00	-0.06	79.22	0.00	0.00	0.00
37	0.00	-0.05	79.01	0.00	0.00	0.00
38	0.00	-0.06	79.53	0.00	0.00	0.00
39	0.00	-0.05	79.27	0.00	0.00	0.00
40	0.00	0.98	5.38	0.00	0.00	0.00
41	0.00	1.25	5.52	0.00	0.00	0.00
42	0.00	0.06	-13.73	0.00	0.00	0.00
43	0.00	-0.04	-11.60	0.00	0.00	0.00
44	0.00	0.94	80.53	0.00	0.00	0.00
45	0.00	0.90	88.77	0.00	0.00	0.00
46	0.00	0.91	81.17	0.00	0.00	0.00
47	0.00	0.94	88.13	0.00	0.00	0.00
48	0.00	-1.01	69.77	0.00	0.00	0.00
49	0.00	-1.05	78.01	0.00	0.00	0.00
50	0.00	-1.04	70.41	0.00	0.00	0.00
51	0.00	-1.02	77.37	0.00	0.00	0.00
52	0.00	1.22	80.68	0.00	0.00	0.00
53	0.00	1.18	88.91	0.00	0.00	0.00
54	0.00	1.19	81.31	0.00	0.00	0.00
55	0.00	1.21	88.27	0.00	0.00	0.00
56	0.00	-1.29	69.63	0.00	0.00	0.00
57	0.00	-1.33	77.86	0.00	0.00	0.00
58	0.00	-1.32	70.26	0.00	0.00	0.00
59	0.00	-1.30	77.22	0.00	0.00	0.00
60	0.00	0.30	67.16	0.00	0.00	0.00
61	0.00	-0.29	63.93	0.00	0.00	0.00
62	0.00	0.38	67.20	0.00	0.00	0.00
63	0.00	-0.37	63.88	0.00	0.00	0.00
64	0.00	0.18	94.61	0.00	0.00	0.00
65	0.00	-0.41	91.38	0.00	0.00	0.00
66	0.00	0.26	94.66	0.00	0.00	0.00
67	0.00	-0.49	91.34	0.00	0.00	0.00
68	0.00	0.20	69.28	0.00	0.00	0.00
69	0.00	-0.39	66.05	0.00	0.00	0.00
70	0.00	0.28	69.33	0.00	0.00	0.00
71	0.00	-0.47	66.01	0.00	0.00	0.00
72	0.00	0.28	92.49	0.00	0.00	0.00
73	0.00	-0.30	89.26	0.00	0.00	0.00
74	0.00	0.37	92.53	0.00	0.00	0.00
75	0.00	-0.39	89.21	0.00	0.00	0.00
54	GLOBAL					
1	0.00	0.07	42.87	0.00	0.00	0.00
2	0.00	-0.03	36.24	0.00	0.00	0.00

3	0.00	0.00	1.57	0.00	0.00	0.00
4	0.00	0.00	3.23	0.00	0.00	0.00
5	0.00	-0.26	0.30	0.00	0.00	0.00
6	0.00	0.26	-0.29	0.00	0.00	0.00
7	0.00	-0.01	-1.54	0.00	0.00	0.00
8	0.00	0.01	1.56	0.00	0.00	0.00
9	0.00	-0.20	107.88	0.00	0.00	0.00
10	0.00	0.27	107.35	0.00	0.00	0.00
11	0.00	0.02	106.22	0.00	0.00	0.00
12	0.00	0.04	109.02	0.00	0.00	0.00
13	0.00	-0.20	107.96	0.00	0.00	0.00
14	0.00	0.27	107.42	0.00	0.00	0.00
15	0.00	0.02	106.30	0.00	0.00	0.00
16	0.00	0.04	109.09	0.00	0.00	0.00
17	0.00	-0.36	105.71	0.00	0.00	0.00
18	0.00	0.43	104.83	0.00	0.00	0.00
19	0.00	0.02	102.95	0.00	0.00	0.00
20	0.00	0.05	107.60	0.00	0.00	0.00
21	0.00	-0.13	82.47	0.00	0.00	0.00
22	0.00	0.18	82.12	0.00	0.00	0.00
23	0.00	0.02	81.36	0.00	0.00	0.00
24	0.00	0.03	83.23	0.00	0.00	0.00
25	0.00	-0.13	82.52	0.00	0.00	0.00
26	0.00	0.18	82.16	0.00	0.00	0.00
27	0.00	0.02	81.41	0.00	0.00	0.00
28	0.00	0.03	83.27	0.00	0.00	0.00
29	0.00	-0.23	81.02	0.00	0.00	0.00
30	0.00	0.29	80.43	0.00	0.00	0.00
31	0.00	0.02	79.18	0.00	0.00	0.00
32	0.00	0.04	82.28	0.00	0.00	0.00
33	0.00	0.03	79.11	0.00	0.00	0.00
34	0.00	0.03	79.75	0.00	0.00	0.00
35	0.00	-0.02	79.17	0.00	0.00	0.00
36	0.00	0.08	79.05	0.00	0.00	0.00
37	0.00	0.03	78.80	0.00	0.00	0.00
38	0.00	0.03	79.42	0.00	0.00	0.00
39	0.00	0.03	79.11	0.00	0.00	0.00
40	0.00	-5.23	6.32	0.00	0.00	0.00
41	0.00	-6.78	6.29	0.00	0.00	0.00
42	0.00	-0.41	-15.65	0.00	0.00	0.00
43	0.00	0.29	-13.16	0.00	0.00	0.00
44	0.00	-5.33	80.73	0.00	0.00	0.00
45	0.00	-5.08	90.12	0.00	0.00	0.00
46	0.00	-5.12	81.48	0.00	0.00	0.00
47	0.00	-5.29	89.37	0.00	0.00	0.00
48	0.00	5.14	68.09	0.00	0.00	0.00
49	0.00	5.39	77.49	0.00	0.00	0.00
50	0.00	5.35	68.84	0.00	0.00	0.00
51	0.00	5.18	76.74	0.00	0.00	0.00
52	0.00	-6.88	80.70	0.00	0.00	0.00

53	0.00	-6.63	90.09	0.00	0.00	0.00
54	0.00	-6.67	81.45	0.00	0.00	0.00
55	0.00	-6.84	89.35	0.00	0.00	0.00
56	0.00	6.69	68.12	0.00	0.00	0.00
57	0.00	6.94	77.51	0.00	0.00	0.00
58	0.00	6.90	68.87	0.00	0.00	0.00
59	0.00	6.73	76.76	0.00	0.00	0.00
60	0.00	-1.95	65.35	0.00	0.00	0.00
61	0.00	1.19	61.56	0.00	0.00	0.00
62	0.00	-2.42	65.34	0.00	0.00	0.00
63	0.00	1.65	61.57	0.00	0.00	0.00
64	0.00	-1.12	96.65	0.00	0.00	0.00
65	0.00	2.01	92.86	0.00	0.00	0.00
66	0.00	-1.59	96.65	0.00	0.00	0.00
67	0.00	2.48	92.87	0.00	0.00	0.00
68	0.00	-1.25	67.84	0.00	0.00	0.00
69	0.00	1.89	64.05	0.00	0.00	0.00
70	0.00	-1.72	67.84	0.00	0.00	0.00
71	0.00	2.35	64.06	0.00	0.00	0.00
72	0.00	-1.82	94.16	0.00	0.00	0.00
73	0.00	1.32	90.37	0.00	0.00	0.00
74	0.00	-2.29	94.15	0.00	0.00	0.00
75	0.00	1.78	90.38	0.00	0.00	0.00

55

GLOBAL

1	0.00	-0.24	43.28	0.00	0.00	0.00
2	0.00	0.16	35.96	0.00	0.00	0.00
3	0.00	0.02	1.56	0.00	0.00	0.00
4	0.00	0.02	3.27	0.00	0.00	0.00
5	0.00	1.11	0.35	0.00	0.00	0.00
6	0.00	-1.10	-0.32	0.00	0.00	0.00
7	0.00	0.05	-1.83	0.00	0.00	0.00
8	0.00	-0.03	1.84	0.00	0.00	0.00
9	0.00	0.95	108.12	0.00	0.00	0.00
10	0.00	-1.04	107.53	0.00	0.00	0.00
11	0.00	-0.01	106.16	0.00	0.00	0.00
12	0.00	-0.08	109.47	0.00	0.00	0.00
13	0.00	0.93	108.23	0.00	0.00	0.00
14	0.00	-1.06	107.63	0.00	0.00	0.00
15	0.00	-0.03	106.27	0.00	0.00	0.00
16	0.00	-0.10	109.58	0.00	0.00	0.00
17	0.00	1.59	105.99	0.00	0.00	0.00
18	0.00	-1.73	104.99	0.00	0.00	0.00
19	0.00	-0.01	102.72	0.00	0.00	0.00
20	0.00	-0.13	108.24	0.00	0.00	0.00
21	0.00	0.62	82.65	0.00	0.00	0.00
22	0.00	-0.71	82.25	0.00	0.00	0.00
23	0.00	-0.02	81.34	0.00	0.00	0.00
24	0.00	-0.07	83.55	0.00	0.00	0.00
25	0.00	0.61	82.72	0.00	0.00	0.00
26	0.00	-0.71	82.32	0.00	0.00	0.00

27	0.00	-0.03	81.41	0.00	0.00	0.00
28	0.00	-0.07	83.62	0.00	0.00	0.00
29	0.00	1.05	81.22	0.00	0.00	0.00
30	0.00	-1.16	80.56	0.00	0.00	0.00
31	0.00	-0.02	79.05	0.00	0.00	0.00
32	0.00	-0.10	82.72	0.00	0.00	0.00
33	0.00	-0.07	79.24	0.00	0.00	0.00
34	0.00	-0.07	79.90	0.00	0.00	0.00
35	0.00	0.15	79.31	0.00	0.00	0.00
36	0.00	-0.29	79.18	0.00	0.00	0.00
37	0.00	-0.07	78.88	0.00	0.00	0.00
38	0.00	-0.08	79.61	0.00	0.00	0.00
39	0.00	-0.07	79.24	0.00	0.00	0.00
40	0.00	22.16	7.38	0.00	0.00	0.00
41	0.00	28.74	7.18	0.00	0.00	0.00
42	0.00	1.78	-17.79	0.00	0.00	0.00
43	0.00	-1.22	-14.90	0.00	0.00	0.00
44	0.00	22.62	81.28	0.00	0.00	0.00
45	0.00	21.56	91.96	0.00	0.00	0.00
46	0.00	21.72	82.15	0.00	0.00	0.00
47	0.00	22.46	91.09	0.00	0.00	0.00
48	0.00	-21.71	66.52	0.00	0.00	0.00
49	0.00	-22.77	77.20	0.00	0.00	0.00
50	0.00	-22.60	67.39	0.00	0.00	0.00
51	0.00	-21.87	76.33	0.00	0.00	0.00
52	0.00	29.20	81.08	0.00	0.00	0.00
53	0.00	28.13	91.76	0.00	0.00	0.00
54	0.00	28.30	81.95	0.00	0.00	0.00
55	0.00	29.03	90.89	0.00	0.00	0.00
56	0.00	-28.28	66.73	0.00	0.00	0.00
57	0.00	-29.35	77.40	0.00	0.00	0.00
58	0.00	-29.18	67.59	0.00	0.00	0.00
59	0.00	-28.45	76.53	0.00	0.00	0.00
60	0.00	8.35	63.66	0.00	0.00	0.00
61	0.00	-4.95	59.24	0.00	0.00	0.00
62	0.00	10.32	63.60	0.00	0.00	0.00
63	0.00	-6.92	59.30	0.00	0.00	0.00
64	0.00	4.80	99.25	0.00	0.00	0.00
65	0.00	-8.50	94.82	0.00	0.00	0.00
66	0.00	6.77	99.19	0.00	0.00	0.00
67	0.00	-10.47	94.88	0.00	0.00	0.00
68	0.00	5.36	66.56	0.00	0.00	0.00
69	0.00	-7.94	62.13	0.00	0.00	0.00
70	0.00	7.33	66.50	0.00	0.00	0.00
71	0.00	-9.91	62.19	0.00	0.00	0.00
72	0.00	7.79	96.36	0.00	0.00	0.00
73	0.00	-5.51	91.93	0.00	0.00	0.00
74	0.00	9.77	96.29	0.00	0.00	0.00
75	0.00	-7.48	91.99	0.00	0.00	0.00

1	0.00	0.00	55.82	0.00	0.00	0.00
2	0.00	0.00	49.12	0.00	0.00	0.00
3	0.00	0.00	1.96	0.00	0.00	0.00
4	0.00	0.00	4.06	0.00	0.00	0.00
5	0.00	0.00	-0.12	0.00	0.00	0.00
6	0.00	0.00	0.23	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	-0.01	0.00	0.00	0.00
9	0.00	0.00	142.30	0.00	0.00	0.00
10	0.00	0.00	142.62	0.00	0.00	0.00
11	0.00	0.00	142.41	0.00	0.00	0.00
12	0.00	0.00	142.40	0.00	0.00	0.00
13	0.00	0.00	142.40	0.00	0.00	0.00
14	0.00	0.00	142.72	0.00	0.00	0.00
15	0.00	0.00	142.51	0.00	0.00	0.00
16	0.00	0.00	142.50	0.00	0.00	0.00
17	0.00	0.00	139.28	0.00	0.00	0.00
18	0.00	0.00	139.81	0.00	0.00	0.00
19	0.00	0.00	139.46	0.00	0.00	0.00
20	0.00	0.00	139.45	0.00	0.00	0.00
21	0.00	0.00	108.86	0.00	0.00	0.00
22	0.00	0.00	109.07	0.00	0.00	0.00
23	0.00	0.00	108.93	0.00	0.00	0.00
24	0.00	0.00	108.93	0.00	0.00	0.00
25	0.00	0.00	108.93	0.00	0.00	0.00
26	0.00	0.00	109.14	0.00	0.00	0.00
27	0.00	0.00	109.00	0.00	0.00	0.00
28	0.00	0.00	108.99	0.00	0.00	0.00
29	0.00	0.00	106.85	0.00	0.00	0.00
30	0.00	0.00	107.20	0.00	0.00	0.00
31	0.00	0.00	106.97	0.00	0.00	0.00
32	0.00	0.00	106.96	0.00	0.00	0.00
33	0.00	0.00	104.94	0.00	0.00	0.00
34	0.00	0.00	105.75	0.00	0.00	0.00
35	0.00	0.00	104.92	0.00	0.00	0.00
36	0.00	0.00	104.99	0.00	0.00	0.00
37	0.00	0.00	104.94	0.00	0.00	0.00
38	0.00	0.00	104.94	0.00	0.00	0.00
39	0.00	0.00	104.94	0.00	0.00	0.00
40	0.00	0.00	-6.75	0.00	0.00	0.00
41	0.00	0.00	-6.75	0.00	0.00	0.00
42	0.00	0.00	0.04	0.00	0.00	0.00
43	0.00	0.00	0.05	0.00	0.00	0.00
44	0.00	0.00	98.20	0.00	0.00	0.00
45	0.00	0.00	98.18	0.00	0.00	0.00
46	0.00	0.00	98.21	0.00	0.00	0.00
47	0.00	0.00	98.18	0.00	0.00	0.00
48	0.00	0.00	111.70	0.00	0.00	0.00
49	0.00	0.00	111.68	0.00	0.00	0.00
50	0.00	0.00	111.70	0.00	0.00	0.00

51	0.00	0.00	111.67	0.00	0.00	0.00
52	0.00	0.00	98.20	0.00	0.00	0.00
53	0.00	0.00	98.18	0.00	0.00	0.00
54	0.00	0.00	98.20	0.00	0.00	0.00
55	0.00	0.00	98.18	0.00	0.00	0.00
56	0.00	0.00	111.70	0.00	0.00	0.00
57	0.00	0.00	111.68	0.00	0.00	0.00
58	0.00	0.00	111.70	0.00	0.00	0.00
59	0.00	0.00	111.68	0.00	0.00	0.00
60	0.00	0.00	102.95	0.00	0.00	0.00
61	0.00	0.00	107.00	0.00	0.00	0.00
62	0.00	0.00	102.95	0.00	0.00	0.00
63	0.00	0.00	107.00	0.00	0.00	0.00
64	0.00	0.00	102.88	0.00	0.00	0.00
65	0.00	0.00	106.93	0.00	0.00	0.00
66	0.00	0.00	102.88	0.00	0.00	0.00
67	0.00	0.00	106.93	0.00	0.00	0.00
68	0.00	0.00	102.96	0.00	0.00	0.00
69	0.00	0.00	107.01	0.00	0.00	0.00
70	0.00	0.00	102.96	0.00	0.00	0.00
71	0.00	0.00	107.01	0.00	0.00	0.00
72	0.00	0.00	102.87	0.00	0.00	0.00
73	0.00	0.00	106.92	0.00	0.00	0.00
74	0.00	0.00	102.87	0.00	0.00	0.00
75	0.00	0.00	106.92	0.00	0.00	0.00

57

GLOBAL

1	0.00	0.00	55.76	0.00	0.00	0.00
2	0.00	0.00	49.69	0.00	0.00	0.00
3	0.00	0.00	2.04	0.00	0.00	0.00
4	0.00	0.00	4.10	0.00	0.00	0.00
5	0.00	0.00	-0.13	0.00	0.00	0.00
6	0.00	0.00	0.20	0.00	0.00	0.00
7	0.00	0.00	-0.01	0.00	0.00	0.00
8	0.00	0.00	-0.02	0.00	0.00	0.00
9	0.00	0.00	143.09	0.00	0.00	0.00
10	0.00	0.00	143.40	0.00	0.00	0.00
11	0.00	0.00	143.21	0.00	0.00	0.00
12	0.00	0.00	143.20	0.00	0.00	0.00
13	0.00	0.00	143.11	0.00	0.00	0.00
14	0.00	0.00	143.41	0.00	0.00	0.00
15	0.00	0.00	143.22	0.00	0.00	0.00
16	0.00	0.00	143.21	0.00	0.00	0.00
17	0.00	0.00	139.95	0.00	0.00	0.00
18	0.00	0.00	140.46	0.00	0.00	0.00
19	0.00	0.00	140.14	0.00	0.00	0.00
20	0.00	0.00	140.13	0.00	0.00	0.00
21	0.00	0.00	109.46	0.00	0.00	0.00
22	0.00	0.00	109.66	0.00	0.00	0.00
23	0.00	0.00	109.53	0.00	0.00	0.00
24	0.00	0.00	109.53	0.00	0.00	0.00

25	0.00	0.00	109.46	0.00	0.00	0.00
26	0.00	0.00	109.66	0.00	0.00	0.00
27	0.00	0.00	109.54	0.00	0.00	0.00
28	0.00	0.00	109.53	0.00	0.00	0.00
29	0.00	0.00	107.36	0.00	0.00	0.00
30	0.00	0.00	107.70	0.00	0.00	0.00
31	0.00	0.00	107.49	0.00	0.00	0.00
32	0.00	0.00	107.48	0.00	0.00	0.00
33	0.00	0.00	105.45	0.00	0.00	0.00
34	0.00	0.00	106.27	0.00	0.00	0.00
35	0.00	0.00	105.42	0.00	0.00	0.00
36	0.00	0.00	105.49	0.00	0.00	0.00
37	0.00	0.00	105.45	0.00	0.00	0.00
38	0.00	0.00	105.44	0.00	0.00	0.00
39	0.00	0.00	105.45	0.00	0.00	0.00
40	0.00	0.00	-5.46	0.00	0.00	0.00
41	0.00	0.00	-5.46	0.00	0.00	0.00
42	0.00	0.00	0.03	0.00	0.00	0.00
43	0.00	0.00	0.04	0.00	0.00	0.00
44	0.00	0.00	100.00	0.00	0.00	0.00
45	0.00	0.00	99.98	0.00	0.00	0.00
46	0.00	0.00	100.00	0.00	0.00	0.00
47	0.00	0.00	99.98	0.00	0.00	0.00
48	0.00	0.00	110.92	0.00	0.00	0.00
49	0.00	0.00	110.90	0.00	0.00	0.00
50	0.00	0.00	110.92	0.00	0.00	0.00
51	0.00	0.00	110.90	0.00	0.00	0.00
52	0.00	0.00	100.00	0.00	0.00	0.00
53	0.00	0.00	99.98	0.00	0.00	0.00
54	0.00	0.00	100.00	0.00	0.00	0.00
55	0.00	0.00	99.98	0.00	0.00	0.00
56	0.00	0.00	110.92	0.00	0.00	0.00
57	0.00	0.00	110.90	0.00	0.00	0.00
58	0.00	0.00	110.92	0.00	0.00	0.00
59	0.00	0.00	110.90	0.00	0.00	0.00
60	0.00	0.00	103.84	0.00	0.00	0.00
61	0.00	0.00	107.11	0.00	0.00	0.00
62	0.00	0.00	103.84	0.00	0.00	0.00
63	0.00	0.00	107.11	0.00	0.00	0.00
64	0.00	0.00	103.78	0.00	0.00	0.00
65	0.00	0.00	107.06	0.00	0.00	0.00
66	0.00	0.00	103.78	0.00	0.00	0.00
67	0.00	0.00	107.06	0.00	0.00	0.00
68	0.00	0.00	103.85	0.00	0.00	0.00
69	0.00	0.00	107.12	0.00	0.00	0.00
70	0.00	0.00	103.85	0.00	0.00	0.00
71	0.00	0.00	107.12	0.00	0.00	0.00
72	0.00	0.00	103.77	0.00	0.00	0.00
73	0.00	0.00	107.05	0.00	0.00	0.00
74	0.00	0.00	103.77	0.00	0.00	0.00

58

GLOBAL

75	0.00	0.00	107.05	0.00	0.00	0.00
1	0.00	0.00	56.16	0.00	0.00	0.00
2	0.00	0.00	50.35	0.00	0.00	0.00
3	0.00	0.00	2.15	0.00	0.00	0.00
4	0.00	0.00	4.19	0.00	0.00	0.00
5	0.00	0.00	-0.15	0.00	0.00	0.00
6	0.00	0.00	0.18	0.00	0.00	0.00
7	0.00	0.00	-0.02	0.00	0.00	0.00
8	0.00	0.00	-0.02	0.00	0.00	0.00
9	0.00	0.00	144.69	0.00	0.00	0.00
10	0.00	0.00	144.99	0.00	0.00	0.00
11	0.00	0.00	144.81	0.00	0.00	0.00
12	0.00	0.00	144.81	0.00	0.00	0.00
13	0.00	0.00	144.62	0.00	0.00	0.00
14	0.00	0.00	144.91	0.00	0.00	0.00
15	0.00	0.00	144.74	0.00	0.00	0.00
16	0.00	0.00	144.73	0.00	0.00	0.00
17	0.00	0.00	141.38	0.00	0.00	0.00
18	0.00	0.00	141.88	0.00	0.00	0.00
19	0.00	0.00	141.58	0.00	0.00	0.00
20	0.00	0.00	141.57	0.00	0.00	0.00
21	0.00	0.00	110.66	0.00	0.00	0.00
22	0.00	0.00	110.86	0.00	0.00	0.00
23	0.00	0.00	110.74	0.00	0.00	0.00
24	0.00	0.00	110.74	0.00	0.00	0.00
25	0.00	0.00	110.61	0.00	0.00	0.00
26	0.00	0.00	110.81	0.00	0.00	0.00
27	0.00	0.00	110.69	0.00	0.00	0.00
28	0.00	0.00	110.69	0.00	0.00	0.00
29	0.00	0.00	108.45	0.00	0.00	0.00
30	0.00	0.00	108.78	0.00	0.00	0.00
31	0.00	0.00	108.59	0.00	0.00	0.00
32	0.00	0.00	108.58	0.00	0.00	0.00
33	0.00	0.00	106.51	0.00	0.00	0.00
34	0.00	0.00	107.35	0.00	0.00	0.00
35	0.00	0.00	106.48	0.00	0.00	0.00
36	0.00	0.00	106.55	0.00	0.00	0.00
37	0.00	0.00	106.51	0.00	0.00	0.00
38	0.00	0.00	106.51	0.00	0.00	0.00
39	0.00	0.00	106.51	0.00	0.00	0.00
40	0.00	0.00	-4.39	0.00	0.00	0.00
41	0.00	0.00	-4.39	0.00	0.00	0.00
42	0.00	0.00	0.02	0.00	0.00	0.00
43	0.00	0.00	0.03	0.00	0.00	0.00
44	0.00	0.00	102.12	0.00	0.00	0.00
45	0.00	0.00	102.11	0.00	0.00	0.00
46	0.00	0.00	102.13	0.00	0.00	0.00
47	0.00	0.00	102.11	0.00	0.00	0.00
48	0.00	0.00	110.91	0.00	0.00	0.00

49	0.00	0.00	110.90	0.00	0.00	0.00
50	0.00	0.00	110.91	0.00	0.00	0.00
51	0.00	0.00	110.89	0.00	0.00	0.00
52	0.00	0.00	102.12	0.00	0.00	0.00
53	0.00	0.00	102.11	0.00	0.00	0.00
54	0.00	0.00	102.12	0.00	0.00	0.00
55	0.00	0.00	102.11	0.00	0.00	0.00
56	0.00	0.00	110.91	0.00	0.00	0.00
57	0.00	0.00	110.90	0.00	0.00	0.00
58	0.00	0.00	110.91	0.00	0.00	0.00
59	0.00	0.00	110.90	0.00	0.00	0.00
60	0.00	0.00	105.21	0.00	0.00	0.00
61	0.00	0.00	107.85	0.00	0.00	0.00
62	0.00	0.00	105.21	0.00	0.00	0.00
63	0.00	0.00	107.85	0.00	0.00	0.00
64	0.00	0.00	105.17	0.00	0.00	0.00
65	0.00	0.00	107.81	0.00	0.00	0.00
66	0.00	0.00	105.17	0.00	0.00	0.00
67	0.00	0.00	107.81	0.00	0.00	0.00
68	0.00	0.00	105.22	0.00	0.00	0.00
69	0.00	0.00	107.85	0.00	0.00	0.00
70	0.00	0.00	105.22	0.00	0.00	0.00
71	0.00	0.00	107.85	0.00	0.00	0.00
72	0.00	0.00	105.17	0.00	0.00	0.00
73	0.00	0.00	107.80	0.00	0.00	0.00
74	0.00	0.00	105.17	0.00	0.00	0.00
75	0.00	0.00	107.80	0.00	0.00	0.00

59 GLOBAL

1	0.00	0.00	56.95	0.00	0.00	0.00
2	0.00	0.00	51.07	0.00	0.00	0.00
3	0.00	0.00	2.27	0.00	0.00	0.00
4	0.00	0.00	4.34	0.00	0.00	0.00
5	0.00	0.00	-0.17	0.00	0.00	0.00
6	0.00	0.00	0.16	0.00	0.00	0.00
7	0.00	0.00	-0.03	0.00	0.00	0.00
8	0.00	0.00	-0.03	0.00	0.00	0.00
9	0.00	0.00	146.93	0.00	0.00	0.00
10	0.00	0.00	147.23	0.00	0.00	0.00
11	0.00	0.00	147.06	0.00	0.00	0.00
12	0.00	0.00	147.06	0.00	0.00	0.00
13	0.00	0.00	146.78	0.00	0.00	0.00
14	0.00	0.00	147.08	0.00	0.00	0.00
15	0.00	0.00	146.91	0.00	0.00	0.00
16	0.00	0.00	146.91	0.00	0.00	0.00
17	0.00	0.00	143.42	0.00	0.00	0.00
18	0.00	0.00	143.92	0.00	0.00	0.00
19	0.00	0.00	143.64	0.00	0.00	0.00
20	0.00	0.00	143.64	0.00	0.00	0.00
21	0.00	0.00	112.36	0.00	0.00	0.00
22	0.00	0.00	112.56	0.00	0.00	0.00

23	0.00	0.00	112.45	0.00	0.00	0.00
24	0.00	0.00	112.44	0.00	0.00	0.00
25	0.00	0.00	112.26	0.00	0.00	0.00
26	0.00	0.00	112.45	0.00	0.00	0.00
27	0.00	0.00	112.34	0.00	0.00	0.00
28	0.00	0.00	112.34	0.00	0.00	0.00
29	0.00	0.00	110.02	0.00	0.00	0.00
30	0.00	0.00	110.35	0.00	0.00	0.00
31	0.00	0.00	110.16	0.00	0.00	0.00
32	0.00	0.00	110.16	0.00	0.00	0.00
33	0.00	0.00	108.02	0.00	0.00	0.00
34	0.00	0.00	108.89	0.00	0.00	0.00
35	0.00	0.00	107.99	0.00	0.00	0.00
36	0.00	0.00	108.05	0.00	0.00	0.00
37	0.00	0.00	108.02	0.00	0.00	0.00
38	0.00	0.00	108.02	0.00	0.00	0.00
39	0.00	0.00	108.02	0.00	0.00	0.00
40	0.00	0.00	-3.48	0.00	0.00	0.00
41	0.00	0.00	-3.48	0.00	0.00	0.00
42	0.00	0.00	0.01	0.00	0.00	0.00
43	0.00	0.00	0.02	0.00	0.00	0.00
44	0.00	0.00	104.55	0.00	0.00	0.00
45	0.00	0.00	104.54	0.00	0.00	0.00
46	0.00	0.00	104.55	0.00	0.00	0.00
47	0.00	0.00	104.54	0.00	0.00	0.00
48	0.00	0.00	111.50	0.00	0.00	0.00
49	0.00	0.00	111.49	0.00	0.00	0.00
50	0.00	0.00	111.50	0.00	0.00	0.00
51	0.00	0.00	111.49	0.00	0.00	0.00
52	0.00	0.00	104.55	0.00	0.00	0.00
53	0.00	0.00	104.54	0.00	0.00	0.00
54	0.00	0.00	104.55	0.00	0.00	0.00
55	0.00	0.00	104.54	0.00	0.00	0.00
56	0.00	0.00	111.50	0.00	0.00	0.00
57	0.00	0.00	111.49	0.00	0.00	0.00
58	0.00	0.00	111.50	0.00	0.00	0.00
59	0.00	0.00	111.49	0.00	0.00	0.00
60	0.00	0.00	106.99	0.00	0.00	0.00
61	0.00	0.00	109.08	0.00	0.00	0.00
62	0.00	0.00	106.99	0.00	0.00	0.00
63	0.00	0.00	109.08	0.00	0.00	0.00
64	0.00	0.00	106.96	0.00	0.00	0.00
65	0.00	0.00	109.05	0.00	0.00	0.00
66	0.00	0.00	106.96	0.00	0.00	0.00
67	0.00	0.00	109.05	0.00	0.00	0.00
68	0.00	0.00	107.00	0.00	0.00	0.00
69	0.00	0.00	109.08	0.00	0.00	0.00
70	0.00	0.00	107.00	0.00	0.00	0.00
71	0.00	0.00	109.08	0.00	0.00	0.00
72	0.00	0.00	106.96	0.00	0.00	0.00

	73	0.00	0.00	109.05	0.00	0.00	0.00
	74	0.00	0.00	106.96	0.00	0.00	0.00
	75	0.00	0.00	109.05	0.00	0.00	0.00
60	GLOBAL						
	1	0.00	0.00	57.88	0.00	0.00	0.00
	2	0.00	0.00	51.75	0.00	0.00	0.00
	3	0.00	0.00	2.39	0.00	0.00	0.00
	4	0.00	0.00	4.49	0.00	0.00	0.00
	5	0.00	0.00	-0.18	0.00	0.00	0.00
	6	0.00	0.00	0.14	0.00	0.00	0.00
	7	0.00	0.00	-0.03	0.00	0.00	0.00
	8	0.00	0.00	-0.03	0.00	0.00	0.00
	9	0.00	0.00	149.31	0.00	0.00	0.00
	10	0.00	0.00	149.60	0.00	0.00	0.00
	11	0.00	0.00	149.45	0.00	0.00	0.00
	12	0.00	0.00	149.44	0.00	0.00	0.00
	13	0.00	0.00	149.09	0.00	0.00	0.00
	14	0.00	0.00	149.38	0.00	0.00	0.00
	15	0.00	0.00	149.22	0.00	0.00	0.00
	16	0.00	0.00	149.22	0.00	0.00	0.00
	17	0.00	0.00	145.62	0.00	0.00	0.00
	18	0.00	0.00	146.09	0.00	0.00	0.00
	19	0.00	0.00	145.84	0.00	0.00	0.00
	20	0.00	0.00	145.83	0.00	0.00	0.00
	21	0.00	0.00	114.16	0.00	0.00	0.00
	22	0.00	0.00	114.35	0.00	0.00	0.00
	23	0.00	0.00	114.25	0.00	0.00	0.00
	24	0.00	0.00	114.25	0.00	0.00	0.00
	25	0.00	0.00	114.01	0.00	0.00	0.00
	26	0.00	0.00	114.20	0.00	0.00	0.00
	27	0.00	0.00	114.10	0.00	0.00	0.00
	28	0.00	0.00	114.10	0.00	0.00	0.00
	29	0.00	0.00	111.69	0.00	0.00	0.00
	30	0.00	0.00	112.01	0.00	0.00	0.00
	31	0.00	0.00	111.84	0.00	0.00	0.00
	32	0.00	0.00	111.84	0.00	0.00	0.00
	33	0.00	0.00	109.63	0.00	0.00	0.00
	34	0.00	0.00	110.52	0.00	0.00	0.00
	35	0.00	0.00	109.59	0.00	0.00	0.00
	36	0.00	0.00	109.65	0.00	0.00	0.00
	37	0.00	0.00	109.62	0.00	0.00	0.00
	38	0.00	0.00	109.62	0.00	0.00	0.00
	39	0.00	0.00	109.63	0.00	0.00	0.00
	40	0.00	0.00	-2.62	0.00	0.00	0.00
	41	0.00	0.00	-2.62	0.00	0.00	0.00
	42	0.00	0.00	0.01	0.00	0.00	0.00
	43	0.00	0.00	0.01	0.00	0.00	0.00
	44	0.00	0.00	107.01	0.00	0.00	0.00
	45	0.00	0.00	107.00	0.00	0.00	0.00
	46	0.00	0.00	107.01	0.00	0.00	0.00

47	0.00	0.00	107.00	0.00	0.00	0.00
48	0.00	0.00	112.25	0.00	0.00	0.00
49	0.00	0.00	112.24	0.00	0.00	0.00
50	0.00	0.00	112.25	0.00	0.00	0.00
51	0.00	0.00	112.24	0.00	0.00	0.00
52	0.00	0.00	107.01	0.00	0.00	0.00
53	0.00	0.00	107.00	0.00	0.00	0.00
54	0.00	0.00	107.01	0.00	0.00	0.00
55	0.00	0.00	107.00	0.00	0.00	0.00
56	0.00	0.00	112.25	0.00	0.00	0.00
57	0.00	0.00	112.24	0.00	0.00	0.00
58	0.00	0.00	112.25	0.00	0.00	0.00
59	0.00	0.00	112.24	0.00	0.00	0.00
60	0.00	0.00	108.85	0.00	0.00	0.00
61	0.00	0.00	110.42	0.00	0.00	0.00
62	0.00	0.00	108.85	0.00	0.00	0.00
63	0.00	0.00	110.42	0.00	0.00	0.00
64	0.00	0.00	108.83	0.00	0.00	0.00
65	0.00	0.00	110.40	0.00	0.00	0.00
66	0.00	0.00	108.83	0.00	0.00	0.00
67	0.00	0.00	110.40	0.00	0.00	0.00
68	0.00	0.00	108.85	0.00	0.00	0.00
69	0.00	0.00	110.42	0.00	0.00	0.00
70	0.00	0.00	108.85	0.00	0.00	0.00
71	0.00	0.00	110.42	0.00	0.00	0.00
72	0.00	0.00	108.83	0.00	0.00	0.00
73	0.00	0.00	110.40	0.00	0.00	0.00
74	0.00	0.00	108.83	0.00	0.00	0.00
75	0.00	0.00	110.40	0.00	0.00	0.00

61 GLOBAL

1	0.00	0.00	58.41	0.00	0.00	0.00
2	0.00	0.00	52.41	0.00	0.00	0.00
3	0.00	0.00	2.50	0.00	0.00	0.00
4	0.00	0.00	4.59	0.00	0.00	0.00
5	0.00	0.00	-0.15	0.00	0.00	0.00
6	0.00	0.00	0.08	0.00	0.00	0.00
7	0.00	0.00	-0.04	0.00	0.00	0.00
8	0.00	0.00	-0.04	0.00	0.00	0.00
9	0.00	0.00	151.12	0.00	0.00	0.00
10	0.00	0.00	151.32	0.00	0.00	0.00
11	0.00	0.00	151.22	0.00	0.00	0.00
12	0.00	0.00	151.21	0.00	0.00	0.00
13	0.00	0.00	150.82	0.00	0.00	0.00
14	0.00	0.00	151.02	0.00	0.00	0.00
15	0.00	0.00	150.91	0.00	0.00	0.00
16	0.00	0.00	150.91	0.00	0.00	0.00
17	0.00	0.00	147.28	0.00	0.00	0.00
18	0.00	0.00	147.62	0.00	0.00	0.00
19	0.00	0.00	147.45	0.00	0.00	0.00
20	0.00	0.00	147.44	0.00	0.00	0.00

21	0.00	0.00	115.52	0.00	0.00	0.00
22	0.00	0.00	115.66	0.00	0.00	0.00
23	0.00	0.00	115.59	0.00	0.00	0.00
24	0.00	0.00	115.59	0.00	0.00	0.00
25	0.00	0.00	115.32	0.00	0.00	0.00
26	0.00	0.00	115.46	0.00	0.00	0.00
27	0.00	0.00	115.39	0.00	0.00	0.00
28	0.00	0.00	115.38	0.00	0.00	0.00
29	0.00	0.00	112.96	0.00	0.00	0.00
30	0.00	0.00	113.19	0.00	0.00	0.00
31	0.00	0.00	113.07	0.00	0.00	0.00
32	0.00	0.00	113.07	0.00	0.00	0.00
33	0.00	0.00	110.81	0.00	0.00	0.00
34	0.00	0.00	111.73	0.00	0.00	0.00
35	0.00	0.00	110.78	0.00	0.00	0.00
36	0.00	0.00	110.83	0.00	0.00	0.00
37	0.00	0.00	110.81	0.00	0.00	0.00
38	0.00	0.00	110.81	0.00	0.00	0.00
39	0.00	0.00	110.81	0.00	0.00	0.00
40	0.00	0.00	-1.10	0.00	0.00	0.00
41	0.00	0.00	-1.10	0.00	0.00	0.00
42	0.00	0.00	0.00	0.00	0.00	0.00
43	0.00	0.00	0.00	0.00	0.00	0.00
44	0.00	0.00	109.71	0.00	0.00	0.00
45	0.00	0.00	109.71	0.00	0.00	0.00
46	0.00	0.00	109.71	0.00	0.00	0.00
47	0.00	0.00	109.71	0.00	0.00	0.00
48	0.00	0.00	111.92	0.00	0.00	0.00
49	0.00	0.00	111.92	0.00	0.00	0.00
50	0.00	0.00	111.92	0.00	0.00	0.00
51	0.00	0.00	111.92	0.00	0.00	0.00
52	0.00	0.00	109.71	0.00	0.00	0.00
53	0.00	0.00	109.71	0.00	0.00	0.00
54	0.00	0.00	109.71	0.00	0.00	0.00
55	0.00	0.00	109.71	0.00	0.00	0.00
56	0.00	0.00	111.92	0.00	0.00	0.00
57	0.00	0.00	111.92	0.00	0.00	0.00
58	0.00	0.00	111.92	0.00	0.00	0.00
59	0.00	0.00	111.92	0.00	0.00	0.00
60	0.00	0.00	110.49	0.00	0.00	0.00
61	0.00	0.00	111.15	0.00	0.00	0.00
62	0.00	0.00	110.49	0.00	0.00	0.00
63	0.00	0.00	111.15	0.00	0.00	0.00
64	0.00	0.00	110.48	0.00	0.00	0.00
65	0.00	0.00	111.14	0.00	0.00	0.00
66	0.00	0.00	110.48	0.00	0.00	0.00
67	0.00	0.00	111.14	0.00	0.00	0.00
68	0.00	0.00	110.49	0.00	0.00	0.00
69	0.00	0.00	111.15	0.00	0.00	0.00
70	0.00	0.00	110.49	0.00	0.00	0.00

	71	0.00	0.00	111.15	0.00	0.00	0.00
	72	0.00	0.00	110.48	0.00	0.00	0.00
	73	0.00	0.00	111.14	0.00	0.00	0.00
	74	0.00	0.00	110.48	0.00	0.00	0.00
62	75	0.00	0.00	111.14	0.00	0.00	0.00
	GLOBAL						
	1	0.00	0.00	57.97	0.00	0.00	0.00
	2	0.00	0.00	52.44	0.00	0.00	0.00
	3	0.00	0.00	2.48	0.00	0.00	0.00
	4	0.00	0.00	4.54	0.00	0.00	0.00
	5	0.00	0.00	-0.13	0.00	0.00	0.00
	6	0.00	0.00	0.06	0.00	0.00	0.00
	7	0.00	0.00	-0.04	0.00	0.00	0.00
	8	0.00	0.00	-0.04	0.00	0.00	0.00
	9	0.00	0.00	150.54	0.00	0.00	0.00
	10	0.00	0.00	150.71	0.00	0.00	0.00
	11	0.00	0.00	150.62	0.00	0.00	0.00
	12	0.00	0.00	150.62	0.00	0.00	0.00
	13	0.00	0.00	150.22	0.00	0.00	0.00
	14	0.00	0.00	150.38	0.00	0.00	0.00
	15	0.00	0.00	150.30	0.00	0.00	0.00
	16	0.00	0.00	150.30	0.00	0.00	0.00
	17	0.00	0.00	146.74	0.00	0.00	0.00
	18	0.00	0.00	147.02	0.00	0.00	0.00
	19	0.00	0.00	146.87	0.00	0.00	0.00
	20	0.00	0.00	146.87	0.00	0.00	0.00
	21	0.00	0.00	115.08	0.00	0.00	0.00
	22	0.00	0.00	115.19	0.00	0.00	0.00
	23	0.00	0.00	115.13	0.00	0.00	0.00
	24	0.00	0.00	115.13	0.00	0.00	0.00
	25	0.00	0.00	114.87	0.00	0.00	0.00
	26	0.00	0.00	114.98	0.00	0.00	0.00
	27	0.00	0.00	114.92	0.00	0.00	0.00
	28	0.00	0.00	114.92	0.00	0.00	0.00
	29	0.00	0.00	112.55	0.00	0.00	0.00
	30	0.00	0.00	112.73	0.00	0.00	0.00
	31	0.00	0.00	112.63	0.00	0.00	0.00
	32	0.00	0.00	112.63	0.00	0.00	0.00
	33	0.00	0.00	110.41	0.00	0.00	0.00
	34	0.00	0.00	111.31	0.00	0.00	0.00
	35	0.00	0.00	110.38	0.00	0.00	0.00
	36	0.00	0.00	110.42	0.00	0.00	0.00
	37	0.00	0.00	110.40	0.00	0.00	0.00
	38	0.00	0.00	110.40	0.00	0.00	0.00
	39	0.00	0.00	110.41	0.00	0.00	0.00
	40	0.00	0.00	-0.69	0.00	0.00	0.00
	41	0.00	0.00	-0.69	0.00	0.00	0.00
	42	0.00	0.00	0.00	0.00	0.00	0.00
	43	0.00	0.00	0.00	0.00	0.00	0.00
	44	0.00	0.00	109.72	0.00	0.00	0.00

45	0.00	0.00	109.72	0.00	0.00	0.00
46	0.00	0.00	109.72	0.00	0.00	0.00
47	0.00	0.00	109.71	0.00	0.00	0.00
48	0.00	0.00	111.10	0.00	0.00	0.00
49	0.00	0.00	111.10	0.00	0.00	0.00
50	0.00	0.00	111.10	0.00	0.00	0.00
51	0.00	0.00	111.10	0.00	0.00	0.00
52	0.00	0.00	109.72	0.00	0.00	0.00
53	0.00	0.00	109.72	0.00	0.00	0.00
54	0.00	0.00	109.72	0.00	0.00	0.00
55	0.00	0.00	109.72	0.00	0.00	0.00
56	0.00	0.00	111.10	0.00	0.00	0.00
57	0.00	0.00	111.10	0.00	0.00	0.00
58	0.00	0.00	111.10	0.00	0.00	0.00
59	0.00	0.00	111.10	0.00	0.00	0.00
60	0.00	0.00	110.20	0.00	0.00	0.00
61	0.00	0.00	110.61	0.00	0.00	0.00
62	0.00	0.00	110.20	0.00	0.00	0.00
63	0.00	0.00	110.61	0.00	0.00	0.00
64	0.00	0.00	110.20	0.00	0.00	0.00
65	0.00	0.00	110.61	0.00	0.00	0.00
66	0.00	0.00	110.20	0.00	0.00	0.00
67	0.00	0.00	110.61	0.00	0.00	0.00
68	0.00	0.00	110.20	0.00	0.00	0.00
69	0.00	0.00	110.61	0.00	0.00	0.00
70	0.00	0.00	110.20	0.00	0.00	0.00
71	0.00	0.00	110.61	0.00	0.00	0.00
72	0.00	0.00	110.20	0.00	0.00	0.00
73	0.00	0.00	110.61	0.00	0.00	0.00
74	0.00	0.00	110.20	0.00	0.00	0.00
75	0.00	0.00	110.61	0.00	0.00	0.00

63 GLOBAL

1	0.00	0.00	57.52	0.00	0.00	0.00
2	0.00	0.00	52.42	0.00	0.00	0.00
3	0.00	0.00	2.46	0.00	0.00	0.00
4	0.00	0.00	4.47	0.00	0.00	0.00
5	0.00	0.00	-0.11	0.00	0.00	0.00
6	0.00	0.00	0.04	0.00	0.00	0.00
7	0.00	0.00	-0.04	0.00	0.00	0.00
8	0.00	0.00	-0.04	0.00	0.00	0.00
9	0.00	0.00	149.87	0.00	0.00	0.00
10	0.00	0.00	150.00	0.00	0.00	0.00
11	0.00	0.00	149.93	0.00	0.00	0.00
12	0.00	0.00	149.93	0.00	0.00	0.00
13	0.00	0.00	149.53	0.00	0.00	0.00
14	0.00	0.00	149.66	0.00	0.00	0.00
15	0.00	0.00	149.59	0.00	0.00	0.00
16	0.00	0.00	149.59	0.00	0.00	0.00
17	0.00	0.00	146.11	0.00	0.00	0.00
18	0.00	0.00	146.33	0.00	0.00	0.00

19	0.00	0.00	146.21	0.00	0.00	0.00
20	0.00	0.00	146.21	0.00	0.00	0.00
21	0.00	0.00	114.57	0.00	0.00	0.00
22	0.00	0.00	114.66	0.00	0.00	0.00
23	0.00	0.00	114.61	0.00	0.00	0.00
24	0.00	0.00	114.61	0.00	0.00	0.00
25	0.00	0.00	114.34	0.00	0.00	0.00
26	0.00	0.00	114.43	0.00	0.00	0.00
27	0.00	0.00	114.38	0.00	0.00	0.00
28	0.00	0.00	114.38	0.00	0.00	0.00
29	0.00	0.00	112.06	0.00	0.00	0.00
30	0.00	0.00	112.21	0.00	0.00	0.00
31	0.00	0.00	112.13	0.00	0.00	0.00
32	0.00	0.00	112.13	0.00	0.00	0.00
33	0.00	0.00	109.94	0.00	0.00	0.00
34	0.00	0.00	110.83	0.00	0.00	0.00
35	0.00	0.00	109.92	0.00	0.00	0.00
36	0.00	0.00	109.95	0.00	0.00	0.00
37	0.00	0.00	109.93	0.00	0.00	0.00
38	0.00	0.00	109.93	0.00	0.00	0.00
39	0.00	0.00	109.94	0.00	0.00	0.00
40	0.00	0.00	-0.51	0.00	0.00	0.00
41	0.00	0.00	-0.51	0.00	0.00	0.00
42	0.00	0.00	0.00	0.00	0.00	0.00
43	0.00	0.00	0.00	0.00	0.00	0.00
44	0.00	0.00	109.43	0.00	0.00	0.00
45	0.00	0.00	109.43	0.00	0.00	0.00
46	0.00	0.00	109.43	0.00	0.00	0.00
47	0.00	0.00	109.43	0.00	0.00	0.00
48	0.00	0.00	110.45	0.00	0.00	0.00
49	0.00	0.00	110.45	0.00	0.00	0.00
50	0.00	0.00	110.45	0.00	0.00	0.00
51	0.00	0.00	110.45	0.00	0.00	0.00
52	0.00	0.00	109.43	0.00	0.00	0.00
53	0.00	0.00	109.43	0.00	0.00	0.00
54	0.00	0.00	109.43	0.00	0.00	0.00
55	0.00	0.00	109.43	0.00	0.00	0.00
56	0.00	0.00	110.44	0.00	0.00	0.00
57	0.00	0.00	110.45	0.00	0.00	0.00
58	0.00	0.00	110.45	0.00	0.00	0.00
59	0.00	0.00	110.45	0.00	0.00	0.00
60	0.00	0.00	109.78	0.00	0.00	0.00
61	0.00	0.00	110.09	0.00	0.00	0.00
62	0.00	0.00	109.78	0.00	0.00	0.00
63	0.00	0.00	110.09	0.00	0.00	0.00
64	0.00	0.00	109.78	0.00	0.00	0.00
65	0.00	0.00	110.09	0.00	0.00	0.00
66	0.00	0.00	109.78	0.00	0.00	0.00
67	0.00	0.00	110.09	0.00	0.00	0.00
68	0.00	0.00	109.78	0.00	0.00	0.00

	69	0.00	0.00	110.09	0.00	0.00	0.00
	70	0.00	0.00	109.78	0.00	0.00	0.00
	71	0.00	0.00	110.09	0.00	0.00	0.00
	72	0.00	0.00	109.78	0.00	0.00	0.00
	73	0.00	0.00	110.09	0.00	0.00	0.00
	74	0.00	0.00	109.78	0.00	0.00	0.00
	75	0.00	0.00	110.09	0.00	0.00	0.00
64	GLOBAL						
	1	0.00	0.00	57.29	0.00	0.00	0.00
	2	0.00	0.00	52.42	0.00	0.00	0.00
	3	0.00	0.00	2.45	0.00	0.00	0.00
	4	0.00	0.00	4.43	0.00	0.00	0.00
	5	0.00	0.00	-0.09	0.00	0.00	0.00
	6	0.00	0.00	0.02	0.00	0.00	0.00
	7	0.00	0.00	-0.04	0.00	0.00	0.00
	8	0.00	0.00	-0.04	0.00	0.00	0.00
	9	0.00	0.00	149.54	0.00	0.00	0.00
	10	0.00	0.00	149.64	0.00	0.00	0.00
	11	0.00	0.00	149.58	0.00	0.00	0.00
	12	0.00	0.00	149.58	0.00	0.00	0.00
	13	0.00	0.00	149.19	0.00	0.00	0.00
	14	0.00	0.00	149.29	0.00	0.00	0.00
	15	0.00	0.00	149.23	0.00	0.00	0.00
	16	0.00	0.00	149.23	0.00	0.00	0.00
	17	0.00	0.00	145.82	0.00	0.00	0.00
	18	0.00	0.00	145.98	0.00	0.00	0.00
	19	0.00	0.00	145.88	0.00	0.00	0.00
	20	0.00	0.00	145.88	0.00	0.00	0.00
	21	0.00	0.00	114.32	0.00	0.00	0.00
	22	0.00	0.00	114.39	0.00	0.00	0.00
	23	0.00	0.00	114.35	0.00	0.00	0.00
	24	0.00	0.00	114.35	0.00	0.00	0.00
	25	0.00	0.00	114.09	0.00	0.00	0.00
	26	0.00	0.00	114.16	0.00	0.00	0.00
	27	0.00	0.00	114.12	0.00	0.00	0.00
	28	0.00	0.00	114.12	0.00	0.00	0.00
	29	0.00	0.00	111.84	0.00	0.00	0.00
	30	0.00	0.00	111.95	0.00	0.00	0.00
	31	0.00	0.00	111.88	0.00	0.00	0.00
	32	0.00	0.00	111.88	0.00	0.00	0.00
	33	0.00	0.00	109.71	0.00	0.00	0.00
	34	0.00	0.00	110.60	0.00	0.00	0.00
	35	0.00	0.00	109.69	0.00	0.00	0.00
	36	0.00	0.00	109.71	0.00	0.00	0.00
	37	0.00	0.00	109.70	0.00	0.00	0.00
	38	0.00	0.00	109.70	0.00	0.00	0.00
	39	0.00	0.00	109.71	0.00	0.00	0.00
	40	0.00	0.00	-0.41	0.00	0.00	0.00
	41	0.00	0.00	-0.41	0.00	0.00	0.00
	42	0.00	0.00	0.00	0.00	0.00	0.00

43	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	0.00	0.00	0.00	109.30	0.00	0.00	0.00
45	0.00	0.00	0.00	109.30	0.00	0.00	0.00
46	0.00	0.00	0.00	109.30	0.00	0.00	0.00
47	0.00	0.00	0.00	109.30	0.00	0.00	0.00
48	0.00	0.00	0.00	110.12	0.00	0.00	0.00
49	0.00	0.00	0.00	110.12	0.00	0.00	0.00
50	0.00	0.00	0.00	110.12	0.00	0.00	0.00
51	0.00	0.00	0.00	110.12	0.00	0.00	0.00
52	0.00	0.00	0.00	109.30	0.00	0.00	0.00
53	0.00	0.00	0.00	109.30	0.00	0.00	0.00
54	0.00	0.00	0.00	109.30	0.00	0.00	0.00
55	0.00	0.00	0.00	109.30	0.00	0.00	0.00
56	0.00	0.00	0.00	110.12	0.00	0.00	0.00
57	0.00	0.00	0.00	110.12	0.00	0.00	0.00
58	0.00	0.00	0.00	110.12	0.00	0.00	0.00
59	0.00	0.00	0.00	110.12	0.00	0.00	0.00
60	0.00	0.00	0.00	109.58	0.00	0.00	0.00
61	0.00	0.00	0.00	109.83	0.00	0.00	0.00
62	0.00	0.00	0.00	109.58	0.00	0.00	0.00
63	0.00	0.00	0.00	109.83	0.00	0.00	0.00
64	0.00	0.00	0.00	109.59	0.00	0.00	0.00
65	0.00	0.00	0.00	109.83	0.00	0.00	0.00
66	0.00	0.00	0.00	109.59	0.00	0.00	0.00
67	0.00	0.00	0.00	109.83	0.00	0.00	0.00
68	0.00	0.00	0.00	109.58	0.00	0.00	0.00
69	0.00	0.00	0.00	109.83	0.00	0.00	0.00
70	0.00	0.00	0.00	109.58	0.00	0.00	0.00
71	0.00	0.00	0.00	109.83	0.00	0.00	0.00
72	0.00	0.00	0.00	109.59	0.00	0.00	0.00
73	0.00	0.00	0.00	109.83	0.00	0.00	0.00
74	0.00	0.00	0.00	109.59	0.00	0.00	0.00
75	0.00	0.00	0.00	109.83	0.00	0.00	0.00

65 GLOBAL

1	0.00	0.00	0.00	57.29	0.00	0.00	0.00
2	0.00	0.00	0.00	52.47	0.00	0.00	0.00
3	0.00	0.00	0.00	2.45	0.00	0.00	0.00
4	0.00	0.00	0.00	4.43	0.00	0.00	0.00
5	0.00	0.00	0.00	-0.06	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	-0.04	0.00	0.00	0.00
8	0.00	0.00	0.00	-0.04	0.00	0.00	0.00
9	0.00	0.00	0.00	149.62	0.00	0.00	0.00
10	0.00	0.00	0.00	149.67	0.00	0.00	0.00
11	0.00	0.00	0.00	149.63	0.00	0.00	0.00
12	0.00	0.00	0.00	149.63	0.00	0.00	0.00
13	0.00	0.00	0.00	149.27	0.00	0.00	0.00
14	0.00	0.00	0.00	149.32	0.00	0.00	0.00
15	0.00	0.00	0.00	149.28	0.00	0.00	0.00
16	0.00	0.00	0.00	149.28	0.00	0.00	0.00

17	0.00	0.00	145.91	0.00	0.00	0.00
18	0.00	0.00	146.00	0.00	0.00	0.00
19	0.00	0.00	145.93	0.00	0.00	0.00
20	0.00	0.00	145.93	0.00	0.00	0.00
21	0.00	0.00	114.38	0.00	0.00	0.00
22	0.00	0.00	114.41	0.00	0.00	0.00
23	0.00	0.00	114.39	0.00	0.00	0.00
24	0.00	0.00	114.39	0.00	0.00	0.00
25	0.00	0.00	114.14	0.00	0.00	0.00
26	0.00	0.00	114.18	0.00	0.00	0.00
27	0.00	0.00	114.15	0.00	0.00	0.00
28	0.00	0.00	114.15	0.00	0.00	0.00
29	0.00	0.00	111.91	0.00	0.00	0.00
30	0.00	0.00	111.97	0.00	0.00	0.00
31	0.00	0.00	111.92	0.00	0.00	0.00
32	0.00	0.00	111.92	0.00	0.00	0.00
33	0.00	0.00	109.75	0.00	0.00	0.00
34	0.00	0.00	110.64	0.00	0.00	0.00
35	0.00	0.00	109.74	0.00	0.00	0.00
36	0.00	0.00	109.75	0.00	0.00	0.00
37	0.00	0.00	109.74	0.00	0.00	0.00
38	0.00	0.00	109.74	0.00	0.00	0.00
39	0.00	0.00	109.75	0.00	0.00	0.00
40	0.00	0.00	-0.25	0.00	0.00	0.00
41	0.00	0.00	-0.25	0.00	0.00	0.00
42	0.00	0.00	0.00	0.00	0.00	0.00
43	0.00	0.00	0.00	0.00	0.00	0.00
44	0.00	0.00	109.50	0.00	0.00	0.00
45	0.00	0.00	109.50	0.00	0.00	0.00
46	0.00	0.00	109.50	0.00	0.00	0.00
47	0.00	0.00	109.50	0.00	0.00	0.00
48	0.00	0.00	110.00	0.00	0.00	0.00
49	0.00	0.00	110.00	0.00	0.00	0.00
50	0.00	0.00	110.00	0.00	0.00	0.00
51	0.00	0.00	110.00	0.00	0.00	0.00
52	0.00	0.00	109.50	0.00	0.00	0.00
53	0.00	0.00	109.50	0.00	0.00	0.00
54	0.00	0.00	109.50	0.00	0.00	0.00
55	0.00	0.00	109.50	0.00	0.00	0.00
56	0.00	0.00	110.00	0.00	0.00	0.00
57	0.00	0.00	110.00	0.00	0.00	0.00
58	0.00	0.00	110.00	0.00	0.00	0.00
59	0.00	0.00	110.00	0.00	0.00	0.00
60	0.00	0.00	109.68	0.00	0.00	0.00
61	0.00	0.00	109.83	0.00	0.00	0.00
62	0.00	0.00	109.68	0.00	0.00	0.00
63	0.00	0.00	109.83	0.00	0.00	0.00
64	0.00	0.00	109.68	0.00	0.00	0.00
65	0.00	0.00	109.83	0.00	0.00	0.00
66	0.00	0.00	109.68	0.00	0.00	0.00

	67	0.00	0.00	109.83	0.00	0.00	0.00
	68	0.00	0.00	109.68	0.00	0.00	0.00
	69	0.00	0.00	109.83	0.00	0.00	0.00
	70	0.00	0.00	109.68	0.00	0.00	0.00
	71	0.00	0.00	109.83	0.00	0.00	0.00
	72	0.00	0.00	109.68	0.00	0.00	0.00
	73	0.00	0.00	109.83	0.00	0.00	0.00
	74	0.00	0.00	109.68	0.00	0.00	0.00
	75	0.00	0.00	109.83	0.00	0.00	0.00
66	GLOBAL						
	1	0.00	0.00	57.29	0.00	0.00	0.00
	2	0.00	0.00	52.47	0.00	0.00	0.00
	3	0.00	0.00	2.45	0.00	0.00	0.00
	4	0.00	0.00	4.43	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	-0.06	0.00	0.00	0.00
	7	0.00	0.00	-0.04	0.00	0.00	0.00
	8	0.00	0.00	-0.04	0.00	0.00	0.00
	9	0.00	0.00	149.67	0.00	0.00	0.00
	10	0.00	0.00	149.61	0.00	0.00	0.00
	11	0.00	0.00	149.63	0.00	0.00	0.00
	12	0.00	0.00	149.63	0.00	0.00	0.00
	13	0.00	0.00	149.32	0.00	0.00	0.00
	14	0.00	0.00	149.26	0.00	0.00	0.00
	15	0.00	0.00	149.28	0.00	0.00	0.00
	16	0.00	0.00	149.28	0.00	0.00	0.00
	17	0.00	0.00	146.01	0.00	0.00	0.00
	18	0.00	0.00	145.90	0.00	0.00	0.00
	19	0.00	0.00	145.93	0.00	0.00	0.00
	20	0.00	0.00	145.93	0.00	0.00	0.00
	21	0.00	0.00	114.41	0.00	0.00	0.00
	22	0.00	0.00	114.37	0.00	0.00	0.00
	23	0.00	0.00	114.39	0.00	0.00	0.00
	24	0.00	0.00	114.39	0.00	0.00	0.00
	25	0.00	0.00	114.18	0.00	0.00	0.00
	26	0.00	0.00	114.14	0.00	0.00	0.00
	27	0.00	0.00	114.15	0.00	0.00	0.00
	28	0.00	0.00	114.15	0.00	0.00	0.00
	29	0.00	0.00	111.97	0.00	0.00	0.00
	30	0.00	0.00	111.90	0.00	0.00	0.00
	31	0.00	0.00	111.92	0.00	0.00	0.00
	32	0.00	0.00	111.92	0.00	0.00	0.00
	33	0.00	0.00	109.75	0.00	0.00	0.00
	34	0.00	0.00	110.64	0.00	0.00	0.00
	35	0.00	0.00	109.75	0.00	0.00	0.00
	36	0.00	0.00	109.74	0.00	0.00	0.00
	37	0.00	0.00	109.74	0.00	0.00	0.00
	38	0.00	0.00	109.74	0.00	0.00	0.00
	39	0.00	0.00	109.75	0.00	0.00	0.00
	40	0.00	0.00	0.36	0.00	0.00	0.00

41	0.00	0.00	0.36	0.00	0.00	0.00
42	0.00	0.00	0.00	0.00	0.00	0.00
43	0.00	0.00	0.00	0.00	0.00	0.00
44	0.00	0.00	110.11	0.00	0.00	0.00
45	0.00	0.00	110.11	0.00	0.00	0.00
46	0.00	0.00	110.11	0.00	0.00	0.00
47	0.00	0.00	110.11	0.00	0.00	0.00
48	0.00	0.00	109.39	0.00	0.00	0.00
49	0.00	0.00	109.39	0.00	0.00	0.00
50	0.00	0.00	109.39	0.00	0.00	0.00
51	0.00	0.00	109.39	0.00	0.00	0.00
52	0.00	0.00	110.11	0.00	0.00	0.00
53	0.00	0.00	110.11	0.00	0.00	0.00
54	0.00	0.00	110.11	0.00	0.00	0.00
55	0.00	0.00	110.11	0.00	0.00	0.00
56	0.00	0.00	109.39	0.00	0.00	0.00
57	0.00	0.00	109.39	0.00	0.00	0.00
58	0.00	0.00	109.39	0.00	0.00	0.00
59	0.00	0.00	109.39	0.00	0.00	0.00
60	0.00	0.00	109.86	0.00	0.00	0.00
61	0.00	0.00	109.64	0.00	0.00	0.00
62	0.00	0.00	109.86	0.00	0.00	0.00
63	0.00	0.00	109.64	0.00	0.00	0.00
64	0.00	0.00	109.86	0.00	0.00	0.00
65	0.00	0.00	109.65	0.00	0.00	0.00
66	0.00	0.00	109.86	0.00	0.00	0.00
67	0.00	0.00	109.65	0.00	0.00	0.00
68	0.00	0.00	109.86	0.00	0.00	0.00
69	0.00	0.00	109.64	0.00	0.00	0.00
70	0.00	0.00	109.86	0.00	0.00	0.00
71	0.00	0.00	109.64	0.00	0.00	0.00
72	0.00	0.00	109.86	0.00	0.00	0.00
73	0.00	0.00	109.65	0.00	0.00	0.00
74	0.00	0.00	109.86	0.00	0.00	0.00
75	0.00	0.00	109.65	0.00	0.00	0.00

67

GLOBAL

1	0.00	0.00	57.29	0.00	0.00	0.00
2	0.00	0.00	52.42	0.00	0.00	0.00
3	0.00	0.00	2.45	0.00	0.00	0.00
4	0.00	0.00	4.43	0.00	0.00	0.00
5	0.00	0.00	0.03	0.00	0.00	0.00
6	0.00	0.00	-0.09	0.00	0.00	0.00
7	0.00	0.00	-0.04	0.00	0.00	0.00
8	0.00	0.00	-0.04	0.00	0.00	0.00
9	0.00	0.00	149.64	0.00	0.00	0.00
10	0.00	0.00	149.53	0.00	0.00	0.00
11	0.00	0.00	149.58	0.00	0.00	0.00
12	0.00	0.00	149.58	0.00	0.00	0.00
13	0.00	0.00	149.30	0.00	0.00	0.00
14	0.00	0.00	149.19	0.00	0.00	0.00

15	0.00	0.00	149.23	0.00	0.00	0.00
16	0.00	0.00	149.23	0.00	0.00	0.00
17	0.00	0.00	145.99	0.00	0.00	0.00
18	0.00	0.00	145.81	0.00	0.00	0.00
19	0.00	0.00	145.88	0.00	0.00	0.00
20	0.00	0.00	145.88	0.00	0.00	0.00
21	0.00	0.00	114.39	0.00	0.00	0.00
22	0.00	0.00	114.32	0.00	0.00	0.00
23	0.00	0.00	114.35	0.00	0.00	0.00
24	0.00	0.00	114.35	0.00	0.00	0.00
25	0.00	0.00	114.16	0.00	0.00	0.00
26	0.00	0.00	114.09	0.00	0.00	0.00
27	0.00	0.00	114.12	0.00	0.00	0.00
28	0.00	0.00	114.12	0.00	0.00	0.00
29	0.00	0.00	111.95	0.00	0.00	0.00
30	0.00	0.00	111.83	0.00	0.00	0.00
31	0.00	0.00	111.88	0.00	0.00	0.00
32	0.00	0.00	111.88	0.00	0.00	0.00
33	0.00	0.00	109.71	0.00	0.00	0.00
34	0.00	0.00	110.60	0.00	0.00	0.00
35	0.00	0.00	109.71	0.00	0.00	0.00
36	0.00	0.00	109.69	0.00	0.00	0.00
37	0.00	0.00	109.70	0.00	0.00	0.00
38	0.00	0.00	109.70	0.00	0.00	0.00
39	0.00	0.00	109.71	0.00	0.00	0.00
40	0.00	0.00	0.51	0.00	0.00	0.00
41	0.00	0.00	0.51	0.00	0.00	0.00
42	0.00	0.00	0.00	0.00	0.00	0.00
43	0.00	0.00	0.00	0.00	0.00	0.00
44	0.00	0.00	110.22	0.00	0.00	0.00
45	0.00	0.00	110.22	0.00	0.00	0.00
46	0.00	0.00	110.22	0.00	0.00	0.00
47	0.00	0.00	110.22	0.00	0.00	0.00
48	0.00	0.00	109.19	0.00	0.00	0.00
49	0.00	0.00	109.19	0.00	0.00	0.00
50	0.00	0.00	109.19	0.00	0.00	0.00
51	0.00	0.00	109.19	0.00	0.00	0.00
52	0.00	0.00	110.22	0.00	0.00	0.00
53	0.00	0.00	110.22	0.00	0.00	0.00
54	0.00	0.00	110.22	0.00	0.00	0.00
55	0.00	0.00	110.22	0.00	0.00	0.00
56	0.00	0.00	109.19	0.00	0.00	0.00
57	0.00	0.00	109.20	0.00	0.00	0.00
58	0.00	0.00	109.19	0.00	0.00	0.00
59	0.00	0.00	109.20	0.00	0.00	0.00
60	0.00	0.00	109.86	0.00	0.00	0.00
61	0.00	0.00	109.55	0.00	0.00	0.00
62	0.00	0.00	109.86	0.00	0.00	0.00
63	0.00	0.00	109.55	0.00	0.00	0.00
64	0.00	0.00	109.86	0.00	0.00	0.00

	65	0.00	0.00	109.56	0.00	0.00	0.00
	66	0.00	0.00	109.86	0.00	0.00	0.00
	67	0.00	0.00	109.56	0.00	0.00	0.00
	68	0.00	0.00	109.86	0.00	0.00	0.00
	69	0.00	0.00	109.55	0.00	0.00	0.00
	70	0.00	0.00	109.86	0.00	0.00	0.00
	71	0.00	0.00	109.55	0.00	0.00	0.00
	72	0.00	0.00	109.86	0.00	0.00	0.00
	73	0.00	0.00	109.56	0.00	0.00	0.00
	74	0.00	0.00	109.86	0.00	0.00	0.00
	75	0.00	0.00	109.56	0.00	0.00	0.00
68	GLOBAL						
	1	0.00	0.00	57.52	0.00	0.00	0.00
	2	0.00	0.00	52.42	0.00	0.00	0.00
	3	0.00	0.00	2.46	0.00	0.00	0.00
	4	0.00	0.00	4.47	0.00	0.00	0.00
	5	0.00	0.00	0.05	0.00	0.00	0.00
	6	0.00	0.00	-0.11	0.00	0.00	0.00
	7	0.00	0.00	-0.04	0.00	0.00	0.00
	8	0.00	0.00	-0.04	0.00	0.00	0.00
	9	0.00	0.00	150.00	0.00	0.00	0.00
	10	0.00	0.00	149.86	0.00	0.00	0.00
	11	0.00	0.00	149.93	0.00	0.00	0.00
	12	0.00	0.00	149.93	0.00	0.00	0.00
	13	0.00	0.00	149.67	0.00	0.00	0.00
	14	0.00	0.00	149.53	0.00	0.00	0.00
	15	0.00	0.00	149.59	0.00	0.00	0.00
	16	0.00	0.00	149.59	0.00	0.00	0.00
	17	0.00	0.00	146.34	0.00	0.00	0.00
	18	0.00	0.00	146.10	0.00	0.00	0.00
	19	0.00	0.00	146.21	0.00	0.00	0.00
	20	0.00	0.00	146.21	0.00	0.00	0.00
	21	0.00	0.00	114.66	0.00	0.00	0.00
	22	0.00	0.00	114.57	0.00	0.00	0.00
	23	0.00	0.00	114.61	0.00	0.00	0.00
	24	0.00	0.00	114.61	0.00	0.00	0.00
	25	0.00	0.00	114.44	0.00	0.00	0.00
	26	0.00	0.00	114.34	0.00	0.00	0.00
	27	0.00	0.00	114.38	0.00	0.00	0.00
	28	0.00	0.00	114.38	0.00	0.00	0.00
	29	0.00	0.00	112.22	0.00	0.00	0.00
	30	0.00	0.00	112.06	0.00	0.00	0.00
	31	0.00	0.00	112.13	0.00	0.00	0.00
	32	0.00	0.00	112.13	0.00	0.00	0.00
	33	0.00	0.00	109.94	0.00	0.00	0.00
	34	0.00	0.00	110.83	0.00	0.00	0.00
	35	0.00	0.00	109.95	0.00	0.00	0.00
	36	0.00	0.00	109.91	0.00	0.00	0.00
	37	0.00	0.00	109.93	0.00	0.00	0.00
	38	0.00	0.00	109.93	0.00	0.00	0.00

39	0.00	0.00	109.94	0.00	0.00	0.00
40	0.00	0.00	0.60	0.00	0.00	0.00
41	0.00	0.00	0.60	0.00	0.00	0.00
42	0.00	0.00	0.00	0.00	0.00	0.00
43	0.00	0.00	0.00	0.00	0.00	0.00
44	0.00	0.00	110.54	0.00	0.00	0.00
45	0.00	0.00	110.54	0.00	0.00	0.00
46	0.00	0.00	110.54	0.00	0.00	0.00
47	0.00	0.00	110.54	0.00	0.00	0.00
48	0.00	0.00	109.34	0.00	0.00	0.00
49	0.00	0.00	109.34	0.00	0.00	0.00
50	0.00	0.00	109.34	0.00	0.00	0.00
51	0.00	0.00	109.34	0.00	0.00	0.00
52	0.00	0.00	110.54	0.00	0.00	0.00
53	0.00	0.00	110.54	0.00	0.00	0.00
54	0.00	0.00	110.54	0.00	0.00	0.00
55	0.00	0.00	110.54	0.00	0.00	0.00
56	0.00	0.00	109.34	0.00	0.00	0.00
57	0.00	0.00	109.34	0.00	0.00	0.00
58	0.00	0.00	109.34	0.00	0.00	0.00
59	0.00	0.00	109.34	0.00	0.00	0.00
60	0.00	0.00	110.12	0.00	0.00	0.00
61	0.00	0.00	109.76	0.00	0.00	0.00
62	0.00	0.00	110.12	0.00	0.00	0.00
63	0.00	0.00	109.76	0.00	0.00	0.00
64	0.00	0.00	110.12	0.00	0.00	0.00
65	0.00	0.00	109.76	0.00	0.00	0.00
66	0.00	0.00	110.12	0.00	0.00	0.00
67	0.00	0.00	109.76	0.00	0.00	0.00
68	0.00	0.00	110.12	0.00	0.00	0.00
69	0.00	0.00	109.76	0.00	0.00	0.00
70	0.00	0.00	110.12	0.00	0.00	0.00
71	0.00	0.00	109.76	0.00	0.00	0.00
72	0.00	0.00	110.12	0.00	0.00	0.00
73	0.00	0.00	109.76	0.00	0.00	0.00
74	0.00	0.00	110.12	0.00	0.00	0.00
75	0.00	0.00	109.76	0.00	0.00	0.00

69

GLOBAL

1	0.00	0.00	57.97	0.00	0.00	0.00
2	0.00	0.00	52.44	0.00	0.00	0.00
3	0.00	0.00	2.48	0.00	0.00	0.00
4	0.00	0.00	4.54	0.00	0.00	0.00
5	0.00	0.00	0.06	0.00	0.00	0.00
6	0.00	0.00	-0.13	0.00	0.00	0.00
7	0.00	0.00	-0.04	0.00	0.00	0.00
8	0.00	0.00	-0.04	0.00	0.00	0.00
9	0.00	0.00	150.71	0.00	0.00	0.00
10	0.00	0.00	150.54	0.00	0.00	0.00
11	0.00	0.00	150.62	0.00	0.00	0.00
12	0.00	0.00	150.62	0.00	0.00	0.00

13	0.00	0.00	150.39	0.00	0.00	0.00
14	0.00	0.00	150.21	0.00	0.00	0.00
15	0.00	0.00	150.30	0.00	0.00	0.00
16	0.00	0.00	150.30	0.00	0.00	0.00
17	0.00	0.00	147.02	0.00	0.00	0.00
18	0.00	0.00	146.73	0.00	0.00	0.00
19	0.00	0.00	146.87	0.00	0.00	0.00
20	0.00	0.00	146.87	0.00	0.00	0.00
21	0.00	0.00	115.19	0.00	0.00	0.00
22	0.00	0.00	115.08	0.00	0.00	0.00
23	0.00	0.00	115.13	0.00	0.00	0.00
24	0.00	0.00	115.13	0.00	0.00	0.00
25	0.00	0.00	114.98	0.00	0.00	0.00
26	0.00	0.00	114.86	0.00	0.00	0.00
27	0.00	0.00	114.92	0.00	0.00	0.00
28	0.00	0.00	114.92	0.00	0.00	0.00
29	0.00	0.00	112.74	0.00	0.00	0.00
30	0.00	0.00	112.54	0.00	0.00	0.00
31	0.00	0.00	112.63	0.00	0.00	0.00
32	0.00	0.00	112.63	0.00	0.00	0.00
33	0.00	0.00	110.41	0.00	0.00	0.00
34	0.00	0.00	111.31	0.00	0.00	0.00
35	0.00	0.00	110.42	0.00	0.00	0.00
36	0.00	0.00	110.38	0.00	0.00	0.00
37	0.00	0.00	110.40	0.00	0.00	0.00
38	0.00	0.00	110.40	0.00	0.00	0.00
39	0.00	0.00	110.41	0.00	0.00	0.00
40	0.00	0.00	0.77	0.00	0.00	0.00
41	0.00	0.00	0.77	0.00	0.00	0.00
42	0.00	0.00	0.00	0.00	0.00	0.00
43	0.00	0.00	0.00	0.00	0.00	0.00
44	0.00	0.00	111.17	0.00	0.00	0.00
45	0.00	0.00	111.17	0.00	0.00	0.00
46	0.00	0.00	111.17	0.00	0.00	0.00
47	0.00	0.00	111.17	0.00	0.00	0.00
48	0.00	0.00	109.64	0.00	0.00	0.00
49	0.00	0.00	109.64	0.00	0.00	0.00
50	0.00	0.00	109.64	0.00	0.00	0.00
51	0.00	0.00	109.64	0.00	0.00	0.00
52	0.00	0.00	111.17	0.00	0.00	0.00
53	0.00	0.00	111.17	0.00	0.00	0.00
54	0.00	0.00	111.17	0.00	0.00	0.00
55	0.00	0.00	111.17	0.00	0.00	0.00
56	0.00	0.00	109.64	0.00	0.00	0.00
57	0.00	0.00	109.64	0.00	0.00	0.00
58	0.00	0.00	109.64	0.00	0.00	0.00
59	0.00	0.00	109.64	0.00	0.00	0.00
60	0.00	0.00	110.64	0.00	0.00	0.00
61	0.00	0.00	110.18	0.00	0.00	0.00
62	0.00	0.00	110.64	0.00	0.00	0.00

	63	0.00	0.00	110.18	0.00	0.00	0.00
	64	0.00	0.00	110.64	0.00	0.00	0.00
	65	0.00	0.00	110.17	0.00	0.00	0.00
	66	0.00	0.00	110.64	0.00	0.00	0.00
	67	0.00	0.00	110.17	0.00	0.00	0.00
	68	0.00	0.00	110.64	0.00	0.00	0.00
	69	0.00	0.00	110.18	0.00	0.00	0.00
	70	0.00	0.00	110.64	0.00	0.00	0.00
	71	0.00	0.00	110.18	0.00	0.00	0.00
	72	0.00	0.00	110.64	0.00	0.00	0.00
	73	0.00	0.00	110.17	0.00	0.00	0.00
	74	0.00	0.00	110.64	0.00	0.00	0.00
	75	0.00	0.00	110.17	0.00	0.00	0.00
70	GLOBAL						
	1	0.00	0.00	58.41	0.00	0.00	0.00
	2	0.00	0.00	52.41	0.00	0.00	0.00
	3	0.00	0.00	2.50	0.00	0.00	0.00
	4	0.00	0.00	4.59	0.00	0.00	0.00
	5	0.00	0.00	0.08	0.00	0.00	0.00
	6	0.00	0.00	-0.15	0.00	0.00	0.00
	7	0.00	0.00	-0.04	0.00	0.00	0.00
	8	0.00	0.00	-0.04	0.00	0.00	0.00
	9	0.00	0.00	151.32	0.00	0.00	0.00
	10	0.00	0.00	151.11	0.00	0.00	0.00
	11	0.00	0.00	151.22	0.00	0.00	0.00
	12	0.00	0.00	151.22	0.00	0.00	0.00
	13	0.00	0.00	151.02	0.00	0.00	0.00
	14	0.00	0.00	150.81	0.00	0.00	0.00
	15	0.00	0.00	150.91	0.00	0.00	0.00
	16	0.00	0.00	150.91	0.00	0.00	0.00
	17	0.00	0.00	147.63	0.00	0.00	0.00
	18	0.00	0.00	147.28	0.00	0.00	0.00
	19	0.00	0.00	147.45	0.00	0.00	0.00
	20	0.00	0.00	147.44	0.00	0.00	0.00
	21	0.00	0.00	115.66	0.00	0.00	0.00
	22	0.00	0.00	115.52	0.00	0.00	0.00
	23	0.00	0.00	115.59	0.00	0.00	0.00
	24	0.00	0.00	115.59	0.00	0.00	0.00
	25	0.00	0.00	115.46	0.00	0.00	0.00
	26	0.00	0.00	115.32	0.00	0.00	0.00
	27	0.00	0.00	115.39	0.00	0.00	0.00
	28	0.00	0.00	115.38	0.00	0.00	0.00
	29	0.00	0.00	113.19	0.00	0.00	0.00
	30	0.00	0.00	112.96	0.00	0.00	0.00
	31	0.00	0.00	113.07	0.00	0.00	0.00
	32	0.00	0.00	113.07	0.00	0.00	0.00
	33	0.00	0.00	110.81	0.00	0.00	0.00
	34	0.00	0.00	111.73	0.00	0.00	0.00
	35	0.00	0.00	110.83	0.00	0.00	0.00
	36	0.00	0.00	110.78	0.00	0.00	0.00

37	0.00	0.00	110.81	0.00	0.00	0.00
38	0.00	0.00	110.81	0.00	0.00	0.00
39	0.00	0.00	110.81	0.00	0.00	0.00
40	0.00	0.00	1.16	0.00	0.00	0.00
41	0.00	0.00	1.16	0.00	0.00	0.00
42	0.00	0.00	0.00	0.00	0.00	0.00
43	0.00	0.00	0.00	0.00	0.00	0.00
44	0.00	0.00	111.98	0.00	0.00	0.00
45	0.00	0.00	111.98	0.00	0.00	0.00
46	0.00	0.00	111.98	0.00	0.00	0.00
47	0.00	0.00	111.98	0.00	0.00	0.00
48	0.00	0.00	109.65	0.00	0.00	0.00
49	0.00	0.00	109.65	0.00	0.00	0.00
50	0.00	0.00	109.65	0.00	0.00	0.00
51	0.00	0.00	109.65	0.00	0.00	0.00
52	0.00	0.00	111.98	0.00	0.00	0.00
53	0.00	0.00	111.98	0.00	0.00	0.00
54	0.00	0.00	111.98	0.00	0.00	0.00
55	0.00	0.00	111.98	0.00	0.00	0.00
56	0.00	0.00	109.65	0.00	0.00	0.00
57	0.00	0.00	109.65	0.00	0.00	0.00
58	0.00	0.00	109.65	0.00	0.00	0.00
59	0.00	0.00	109.65	0.00	0.00	0.00
60	0.00	0.00	111.17	0.00	0.00	0.00
61	0.00	0.00	110.47	0.00	0.00	0.00
62	0.00	0.00	111.17	0.00	0.00	0.00
63	0.00	0.00	110.47	0.00	0.00	0.00
64	0.00	0.00	111.16	0.00	0.00	0.00
65	0.00	0.00	110.46	0.00	0.00	0.00
66	0.00	0.00	111.16	0.00	0.00	0.00
67	0.00	0.00	110.46	0.00	0.00	0.00
68	0.00	0.00	111.16	0.00	0.00	0.00
69	0.00	0.00	110.47	0.00	0.00	0.00
70	0.00	0.00	111.16	0.00	0.00	0.00
71	0.00	0.00	110.47	0.00	0.00	0.00
72	0.00	0.00	111.16	0.00	0.00	0.00
73	0.00	0.00	110.46	0.00	0.00	0.00
74	0.00	0.00	111.16	0.00	0.00	0.00
75	0.00	0.00	110.46	0.00	0.00	0.00

71

GLOBAL

1	0.00	0.00	57.88	0.00	0.00	0.00
2	0.00	0.00	51.75	0.00	0.00	0.00
3	0.00	0.00	2.39	0.00	0.00	0.00
4	0.00	0.00	4.49	0.00	0.00	0.00
5	0.00	0.00	0.14	0.00	0.00	0.00
6	0.00	0.00	-0.18	0.00	0.00	0.00
7	0.00	0.00	-0.03	0.00	0.00	0.00
8	0.00	0.00	-0.03	0.00	0.00	0.00
9	0.00	0.00	149.60	0.00	0.00	0.00
10	0.00	0.00	149.31	0.00	0.00	0.00

11	0.00	0.00	149.45	0.00	0.00	0.00
12	0.00	0.00	149.44	0.00	0.00	0.00
13	0.00	0.00	149.38	0.00	0.00	0.00
14	0.00	0.00	149.09	0.00	0.00	0.00
15	0.00	0.00	149.22	0.00	0.00	0.00
16	0.00	0.00	149.22	0.00	0.00	0.00
17	0.00	0.00	146.09	0.00	0.00	0.00
18	0.00	0.00	145.61	0.00	0.00	0.00
19	0.00	0.00	145.84	0.00	0.00	0.00
20	0.00	0.00	145.83	0.00	0.00	0.00
21	0.00	0.00	114.35	0.00	0.00	0.00
22	0.00	0.00	114.16	0.00	0.00	0.00
23	0.00	0.00	114.25	0.00	0.00	0.00
24	0.00	0.00	114.25	0.00	0.00	0.00
25	0.00	0.00	114.20	0.00	0.00	0.00
26	0.00	0.00	114.01	0.00	0.00	0.00
27	0.00	0.00	114.10	0.00	0.00	0.00
28	0.00	0.00	114.10	0.00	0.00	0.00
29	0.00	0.00	112.01	0.00	0.00	0.00
30	0.00	0.00	111.69	0.00	0.00	0.00
31	0.00	0.00	111.84	0.00	0.00	0.00
32	0.00	0.00	111.84	0.00	0.00	0.00
33	0.00	0.00	109.63	0.00	0.00	0.00
34	0.00	0.00	110.52	0.00	0.00	0.00
35	0.00	0.00	109.65	0.00	0.00	0.00
36	0.00	0.00	109.59	0.00	0.00	0.00
37	0.00	0.00	109.62	0.00	0.00	0.00
38	0.00	0.00	109.62	0.00	0.00	0.00
39	0.00	0.00	109.63	0.00	0.00	0.00
40	0.00	0.00	2.64	0.00	0.00	0.00
41	0.00	0.00	2.64	0.00	0.00	0.00
42	0.00	0.00	0.01	0.00	0.00	0.00
43	0.00	0.00	0.01	0.00	0.00	0.00
44	0.00	0.00	112.27	0.00	0.00	0.00
45	0.00	0.00	112.26	0.00	0.00	0.00
46	0.00	0.00	112.27	0.00	0.00	0.00
47	0.00	0.00	112.26	0.00	0.00	0.00
48	0.00	0.00	106.99	0.00	0.00	0.00
49	0.00	0.00	106.99	0.00	0.00	0.00
50	0.00	0.00	106.99	0.00	0.00	0.00
51	0.00	0.00	106.99	0.00	0.00	0.00
52	0.00	0.00	112.27	0.00	0.00	0.00
53	0.00	0.00	112.26	0.00	0.00	0.00
54	0.00	0.00	112.27	0.00	0.00	0.00
55	0.00	0.00	112.26	0.00	0.00	0.00
56	0.00	0.00	106.99	0.00	0.00	0.00
57	0.00	0.00	106.99	0.00	0.00	0.00
58	0.00	0.00	106.99	0.00	0.00	0.00
59	0.00	0.00	106.99	0.00	0.00	0.00
60	0.00	0.00	110.43	0.00	0.00	0.00

61	0.00	0.00	108.85	0.00	0.00	0.00
62	0.00	0.00	110.43	0.00	0.00	0.00
63	0.00	0.00	108.85	0.00	0.00	0.00
64	0.00	0.00	110.41	0.00	0.00	0.00
65	0.00	0.00	108.82	0.00	0.00	0.00
66	0.00	0.00	110.41	0.00	0.00	0.00
67	0.00	0.00	108.82	0.00	0.00	0.00
68	0.00	0.00	110.43	0.00	0.00	0.00
69	0.00	0.00	108.84	0.00	0.00	0.00
70	0.00	0.00	110.43	0.00	0.00	0.00
71	0.00	0.00	108.84	0.00	0.00	0.00
72	0.00	0.00	110.41	0.00	0.00	0.00
73	0.00	0.00	108.83	0.00	0.00	0.00
74	0.00	0.00	110.41	0.00	0.00	0.00
75	0.00	0.00	108.83	0.00	0.00	0.00

72

GLOBAL

1	0.00	0.00	56.95	0.00	0.00	0.00
2	0.00	0.00	51.07	0.00	0.00	0.00
3	0.00	0.00	2.27	0.00	0.00	0.00
4	0.00	0.00	4.34	0.00	0.00	0.00
5	0.00	0.00	0.16	0.00	0.00	0.00
6	0.00	0.00	-0.17	0.00	0.00	0.00
7	0.00	0.00	-0.03	0.00	0.00	0.00
8	0.00	0.00	-0.03	0.00	0.00	0.00
9	0.00	0.00	147.23	0.00	0.00	0.00
10	0.00	0.00	146.93	0.00	0.00	0.00
11	0.00	0.00	147.06	0.00	0.00	0.00
12	0.00	0.00	147.06	0.00	0.00	0.00
13	0.00	0.00	147.08	0.00	0.00	0.00
14	0.00	0.00	146.78	0.00	0.00	0.00
15	0.00	0.00	146.91	0.00	0.00	0.00
16	0.00	0.00	146.91	0.00	0.00	0.00
17	0.00	0.00	143.92	0.00	0.00	0.00
18	0.00	0.00	143.43	0.00	0.00	0.00
19	0.00	0.00	143.64	0.00	0.00	0.00
20	0.00	0.00	143.64	0.00	0.00	0.00
21	0.00	0.00	112.56	0.00	0.00	0.00
22	0.00	0.00	112.36	0.00	0.00	0.00
23	0.00	0.00	112.45	0.00	0.00	0.00
24	0.00	0.00	112.44	0.00	0.00	0.00
25	0.00	0.00	112.45	0.00	0.00	0.00
26	0.00	0.00	112.26	0.00	0.00	0.00
27	0.00	0.00	112.34	0.00	0.00	0.00
28	0.00	0.00	112.34	0.00	0.00	0.00
29	0.00	0.00	110.35	0.00	0.00	0.00
30	0.00	0.00	110.02	0.00	0.00	0.00
31	0.00	0.00	110.16	0.00	0.00	0.00
32	0.00	0.00	110.16	0.00	0.00	0.00
33	0.00	0.00	108.02	0.00	0.00	0.00
34	0.00	0.00	108.89	0.00	0.00	0.00

35	0.00	0.00	108.05	0.00	0.00	0.00
36	0.00	0.00	107.99	0.00	0.00	0.00
37	0.00	0.00	108.02	0.00	0.00	0.00
38	0.00	0.00	108.02	0.00	0.00	0.00
39	0.00	0.00	108.02	0.00	0.00	0.00
40	0.00	0.00	3.47	0.00	0.00	0.00
41	0.00	0.00	3.47	0.00	0.00	0.00
42	0.00	0.00	0.02	0.00	0.00	0.00
43	0.00	0.00	0.01	0.00	0.00	0.00
44	0.00	0.00	111.49	0.00	0.00	0.00
45	0.00	0.00	111.48	0.00	0.00	0.00
46	0.00	0.00	111.49	0.00	0.00	0.00
47	0.00	0.00	111.48	0.00	0.00	0.00
48	0.00	0.00	104.56	0.00	0.00	0.00
49	0.00	0.00	104.55	0.00	0.00	0.00
50	0.00	0.00	104.56	0.00	0.00	0.00
51	0.00	0.00	104.55	0.00	0.00	0.00
52	0.00	0.00	111.49	0.00	0.00	0.00
53	0.00	0.00	111.48	0.00	0.00	0.00
54	0.00	0.00	111.49	0.00	0.00	0.00
55	0.00	0.00	111.48	0.00	0.00	0.00
56	0.00	0.00	104.56	0.00	0.00	0.00
57	0.00	0.00	104.55	0.00	0.00	0.00
58	0.00	0.00	104.56	0.00	0.00	0.00
59	0.00	0.00	104.55	0.00	0.00	0.00
60	0.00	0.00	109.08	0.00	0.00	0.00
61	0.00	0.00	107.00	0.00	0.00	0.00
62	0.00	0.00	109.08	0.00	0.00	0.00
63	0.00	0.00	107.00	0.00	0.00	0.00
64	0.00	0.00	109.04	0.00	0.00	0.00
65	0.00	0.00	106.96	0.00	0.00	0.00
66	0.00	0.00	109.04	0.00	0.00	0.00
67	0.00	0.00	106.96	0.00	0.00	0.00
68	0.00	0.00	109.08	0.00	0.00	0.00
69	0.00	0.00	107.00	0.00	0.00	0.00
70	0.00	0.00	109.08	0.00	0.00	0.00
71	0.00	0.00	107.00	0.00	0.00	0.00
72	0.00	0.00	109.05	0.00	0.00	0.00
73	0.00	0.00	106.97	0.00	0.00	0.00
74	0.00	0.00	109.05	0.00	0.00	0.00
75	0.00	0.00	106.97	0.00	0.00	0.00
73	GLOBAL					
1	0.00	0.00	56.16	0.00	0.00	0.00
2	0.00	0.00	50.35	0.00	0.00	0.00
3	0.00	0.00	2.15	0.00	0.00	0.00
4	0.00	0.00	4.19	0.00	0.00	0.00
5	0.00	0.00	0.18	0.00	0.00	0.00
6	0.00	0.00	-0.15	0.00	0.00	0.00
7	0.00	0.00	-0.02	0.00	0.00	0.00
8	0.00	0.00	-0.02	0.00	0.00	0.00

9	0.00	0.00	144.99	0.00	0.00	0.00
10	0.00	0.00	144.69	0.00	0.00	0.00
11	0.00	0.00	144.81	0.00	0.00	0.00
12	0.00	0.00	144.81	0.00	0.00	0.00
13	0.00	0.00	144.91	0.00	0.00	0.00
14	0.00	0.00	144.62	0.00	0.00	0.00
15	0.00	0.00	144.74	0.00	0.00	0.00
16	0.00	0.00	144.73	0.00	0.00	0.00
17	0.00	0.00	141.87	0.00	0.00	0.00
18	0.00	0.00	141.38	0.00	0.00	0.00
19	0.00	0.00	141.58	0.00	0.00	0.00
20	0.00	0.00	141.58	0.00	0.00	0.00
21	0.00	0.00	110.86	0.00	0.00	0.00
22	0.00	0.00	110.66	0.00	0.00	0.00
23	0.00	0.00	110.74	0.00	0.00	0.00
24	0.00	0.00	110.74	0.00	0.00	0.00
25	0.00	0.00	110.81	0.00	0.00	0.00
26	0.00	0.00	110.61	0.00	0.00	0.00
27	0.00	0.00	110.69	0.00	0.00	0.00
28	0.00	0.00	110.69	0.00	0.00	0.00
29	0.00	0.00	108.78	0.00	0.00	0.00
30	0.00	0.00	108.46	0.00	0.00	0.00
31	0.00	0.00	108.59	0.00	0.00	0.00
32	0.00	0.00	108.58	0.00	0.00	0.00
33	0.00	0.00	106.51	0.00	0.00	0.00
34	0.00	0.00	107.35	0.00	0.00	0.00
35	0.00	0.00	106.55	0.00	0.00	0.00
36	0.00	0.00	106.48	0.00	0.00	0.00
37	0.00	0.00	106.51	0.00	0.00	0.00
38	0.00	0.00	106.51	0.00	0.00	0.00
39	0.00	0.00	106.51	0.00	0.00	0.00
40	0.00	0.00	4.35	0.00	0.00	0.00
41	0.00	0.00	4.35	0.00	0.00	0.00
42	0.00	0.00	0.03	0.00	0.00	0.00
43	0.00	0.00	0.02	0.00	0.00	0.00
44	0.00	0.00	110.87	0.00	0.00	0.00
45	0.00	0.00	110.85	0.00	0.00	0.00
46	0.00	0.00	110.87	0.00	0.00	0.00
47	0.00	0.00	110.85	0.00	0.00	0.00
48	0.00	0.00	102.17	0.00	0.00	0.00
49	0.00	0.00	102.15	0.00	0.00	0.00
50	0.00	0.00	102.17	0.00	0.00	0.00
51	0.00	0.00	102.15	0.00	0.00	0.00
52	0.00	0.00	110.87	0.00	0.00	0.00
53	0.00	0.00	110.85	0.00	0.00	0.00
54	0.00	0.00	110.87	0.00	0.00	0.00
55	0.00	0.00	110.85	0.00	0.00	0.00
56	0.00	0.00	102.17	0.00	0.00	0.00
57	0.00	0.00	102.15	0.00	0.00	0.00
58	0.00	0.00	102.17	0.00	0.00	0.00

59	0.00	0.00	102.15	0.00	0.00	0.00
60	0.00	0.00	107.84	0.00	0.00	0.00
61	0.00	0.00	105.23	0.00	0.00	0.00
62	0.00	0.00	107.84	0.00	0.00	0.00
63	0.00	0.00	105.23	0.00	0.00	0.00
64	0.00	0.00	107.79	0.00	0.00	0.00
65	0.00	0.00	105.18	0.00	0.00	0.00
66	0.00	0.00	107.79	0.00	0.00	0.00
67	0.00	0.00	105.18	0.00	0.00	0.00
68	0.00	0.00	107.84	0.00	0.00	0.00
69	0.00	0.00	105.23	0.00	0.00	0.00
70	0.00	0.00	107.84	0.00	0.00	0.00
71	0.00	0.00	105.23	0.00	0.00	0.00
72	0.00	0.00	107.79	0.00	0.00	0.00
73	0.00	0.00	105.18	0.00	0.00	0.00
74	0.00	0.00	107.79	0.00	0.00	0.00
75	0.00	0.00	105.18	0.00	0.00	0.00

74

GLOBAL

1	0.00	0.00	55.76	0.00	0.00	0.00
2	0.00	0.00	49.69	0.00	0.00	0.00
3	0.00	0.00	2.04	0.00	0.00	0.00
4	0.00	0.00	4.10	0.00	0.00	0.00
5	0.00	0.00	0.20	0.00	0.00	0.00
6	0.00	0.00	-0.13	0.00	0.00	0.00
7	0.00	0.00	-0.01	0.00	0.00	0.00
8	0.00	0.00	-0.02	0.00	0.00	0.00
9	0.00	0.00	143.39	0.00	0.00	0.00
10	0.00	0.00	143.10	0.00	0.00	0.00
11	0.00	0.00	143.21	0.00	0.00	0.00
12	0.00	0.00	143.20	0.00	0.00	0.00
13	0.00	0.00	143.40	0.00	0.00	0.00
14	0.00	0.00	143.11	0.00	0.00	0.00
15	0.00	0.00	143.22	0.00	0.00	0.00
16	0.00	0.00	143.21	0.00	0.00	0.00
17	0.00	0.00	140.45	0.00	0.00	0.00
18	0.00	0.00	139.96	0.00	0.00	0.00
19	0.00	0.00	140.14	0.00	0.00	0.00
20	0.00	0.00	140.13	0.00	0.00	0.00
21	0.00	0.00	109.66	0.00	0.00	0.00
22	0.00	0.00	109.46	0.00	0.00	0.00
23	0.00	0.00	109.53	0.00	0.00	0.00
24	0.00	0.00	109.53	0.00	0.00	0.00
25	0.00	0.00	109.66	0.00	0.00	0.00
26	0.00	0.00	109.47	0.00	0.00	0.00
27	0.00	0.00	109.54	0.00	0.00	0.00
28	0.00	0.00	109.53	0.00	0.00	0.00
29	0.00	0.00	107.69	0.00	0.00	0.00
30	0.00	0.00	107.37	0.00	0.00	0.00
31	0.00	0.00	107.49	0.00	0.00	0.00
32	0.00	0.00	107.48	0.00	0.00	0.00

33	0.00	0.00	105.45	0.00	0.00	0.00
34	0.00	0.00	106.27	0.00	0.00	0.00
35	0.00	0.00	105.49	0.00	0.00	0.00
36	0.00	0.00	105.42	0.00	0.00	0.00
37	0.00	0.00	105.45	0.00	0.00	0.00
38	0.00	0.00	105.44	0.00	0.00	0.00
39	0.00	0.00	105.45	0.00	0.00	0.00
40	0.00	0.00	5.38	0.00	0.00	0.00
41	0.00	0.00	5.38	0.00	0.00	0.00
42	0.00	0.00	0.04	0.00	0.00	0.00
43	0.00	0.00	0.03	0.00	0.00	0.00
44	0.00	0.00	110.84	0.00	0.00	0.00
45	0.00	0.00	110.82	0.00	0.00	0.00
46	0.00	0.00	110.84	0.00	0.00	0.00
47	0.00	0.00	110.82	0.00	0.00	0.00
48	0.00	0.00	100.08	0.00	0.00	0.00
49	0.00	0.00	100.05	0.00	0.00	0.00
50	0.00	0.00	100.07	0.00	0.00	0.00
51	0.00	0.00	100.06	0.00	0.00	0.00
52	0.00	0.00	110.84	0.00	0.00	0.00
53	0.00	0.00	110.82	0.00	0.00	0.00
54	0.00	0.00	110.84	0.00	0.00	0.00
55	0.00	0.00	110.82	0.00	0.00	0.00
56	0.00	0.00	100.07	0.00	0.00	0.00
57	0.00	0.00	100.05	0.00	0.00	0.00
58	0.00	0.00	100.07	0.00	0.00	0.00
59	0.00	0.00	100.05	0.00	0.00	0.00
60	0.00	0.00	107.10	0.00	0.00	0.00
61	0.00	0.00	103.87	0.00	0.00	0.00
62	0.00	0.00	107.10	0.00	0.00	0.00
63	0.00	0.00	103.87	0.00	0.00	0.00
64	0.00	0.00	107.03	0.00	0.00	0.00
65	0.00	0.00	103.80	0.00	0.00	0.00
66	0.00	0.00	107.03	0.00	0.00	0.00
67	0.00	0.00	103.80	0.00	0.00	0.00
68	0.00	0.00	107.09	0.00	0.00	0.00
69	0.00	0.00	103.86	0.00	0.00	0.00
70	0.00	0.00	107.09	0.00	0.00	0.00
71	0.00	0.00	103.86	0.00	0.00	0.00
72	0.00	0.00	107.03	0.00	0.00	0.00
73	0.00	0.00	103.80	0.00	0.00	0.00
74	0.00	0.00	107.03	0.00	0.00	0.00
75	0.00	0.00	103.80	0.00	0.00	0.00
75	GLOBAL					
1	0.00	0.00	55.82	0.00	0.00	0.00
2	0.00	0.00	49.12	0.00	0.00	0.00
3	0.00	0.00	1.96	0.00	0.00	0.00
4	0.00	0.00	4.06	0.00	0.00	0.00
5	0.00	0.00	0.23	0.00	0.00	0.00
6	0.00	0.00	-0.12	0.00	0.00	0.00

7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
9	0.00	0.00	0.00	142.62	0.00	0.00	0.00
10	0.00	0.00	0.00	142.31	0.00	0.00	0.00
11	0.00	0.00	0.00	142.41	0.00	0.00	0.00
12	0.00	0.00	0.00	142.40	0.00	0.00	0.00
13	0.00	0.00	0.00	142.71	0.00	0.00	0.00
14	0.00	0.00	0.00	142.41	0.00	0.00	0.00
15	0.00	0.00	0.00	142.51	0.00	0.00	0.00
16	0.00	0.00	0.00	142.50	0.00	0.00	0.00
17	0.00	0.00	0.00	139.81	0.00	0.00	0.00
18	0.00	0.00	0.00	139.29	0.00	0.00	0.00
19	0.00	0.00	0.00	139.46	0.00	0.00	0.00
20	0.00	0.00	0.00	139.45	0.00	0.00	0.00
21	0.00	0.00	0.00	109.07	0.00	0.00	0.00
22	0.00	0.00	0.00	108.86	0.00	0.00	0.00
23	0.00	0.00	0.00	108.93	0.00	0.00	0.00
24	0.00	0.00	0.00	108.93	0.00	0.00	0.00
25	0.00	0.00	0.00	109.13	0.00	0.00	0.00
26	0.00	0.00	0.00	108.93	0.00	0.00	0.00
27	0.00	0.00	0.00	109.00	0.00	0.00	0.00
28	0.00	0.00	0.00	108.99	0.00	0.00	0.00
29	0.00	0.00	0.00	107.20	0.00	0.00	0.00
30	0.00	0.00	0.00	106.85	0.00	0.00	0.00
31	0.00	0.00	0.00	106.97	0.00	0.00	0.00
32	0.00	0.00	0.00	106.96	0.00	0.00	0.00
33	0.00	0.00	0.00	104.94	0.00	0.00	0.00
34	0.00	0.00	0.00	105.75	0.00	0.00	0.00
35	0.00	0.00	0.00	104.99	0.00	0.00	0.00
36	0.00	0.00	0.00	104.92	0.00	0.00	0.00
37	0.00	0.00	0.00	104.94	0.00	0.00	0.00
38	0.00	0.00	0.00	104.94	0.00	0.00	0.00
39	0.00	0.00	0.00	104.94	0.00	0.00	0.00
40	0.00	0.00	0.00	6.63	0.00	0.00	0.00
41	0.00	0.00	0.00	6.63	0.00	0.00	0.00
42	0.00	0.00	0.00	0.05	0.00	0.00	0.00
43	0.00	0.00	0.00	0.04	0.00	0.00	0.00
44	0.00	0.00	0.00	111.59	0.00	0.00	0.00
45	0.00	0.00	0.00	111.56	0.00	0.00	0.00
46	0.00	0.00	0.00	111.58	0.00	0.00	0.00
47	0.00	0.00	0.00	111.56	0.00	0.00	0.00
48	0.00	0.00	0.00	98.32	0.00	0.00	0.00
49	0.00	0.00	0.00	98.29	0.00	0.00	0.00
50	0.00	0.00	0.00	98.32	0.00	0.00	0.00
51	0.00	0.00	0.00	98.30	0.00	0.00	0.00
52	0.00	0.00	0.00	111.59	0.00	0.00	0.00
53	0.00	0.00	0.00	111.56	0.00	0.00	0.00
54	0.00	0.00	0.00	111.59	0.00	0.00	0.00
55	0.00	0.00	0.00	111.56	0.00	0.00	0.00
56	0.00	0.00	0.00	98.32	0.00	0.00	0.00

57	0.00	0.00	98.29	0.00	0.00	0.00
58	0.00	0.00	98.32	0.00	0.00	0.00
59	0.00	0.00	98.29	0.00	0.00	0.00
60	0.00	0.00	106.98	0.00	0.00	0.00
61	0.00	0.00	103.00	0.00	0.00	0.00
62	0.00	0.00	106.98	0.00	0.00	0.00
63	0.00	0.00	103.00	0.00	0.00	0.00
64	0.00	0.00	106.88	0.00	0.00	0.00
65	0.00	0.00	102.90	0.00	0.00	0.00
66	0.00	0.00	106.88	0.00	0.00	0.00
67	0.00	0.00	102.90	0.00	0.00	0.00
68	0.00	0.00	106.97	0.00	0.00	0.00
69	0.00	0.00	102.99	0.00	0.00	0.00
70	0.00	0.00	106.97	0.00	0.00	0.00
71	0.00	0.00	102.99	0.00	0.00	0.00
72	0.00	0.00	106.89	0.00	0.00	0.00
73	0.00	0.00	102.91	0.00	0.00	0.00
74	0.00	0.00	106.89	0.00	0.00	0.00
75	0.00	0.00	102.91	0.00	0.00	0.00

76 GLOBAL

1	0.00	0.00	43.28	0.00	0.00	0.00
2	0.00	0.00	35.96	0.00	0.00	0.00
3	0.00	0.00	1.56	0.00	0.00	0.00
4	0.00	0.00	3.27	0.00	0.00	0.00
5	0.00	0.00	-0.33	0.00	0.00	0.00
6	0.00	0.00	0.35	0.00	0.00	0.00
7	0.00	0.00	1.84	0.00	0.00	0.00
8	0.00	0.00	-1.83	0.00	0.00	0.00
9	0.00	0.00	107.52	0.00	0.00	0.00
10	0.00	0.00	108.13	0.00	0.00	0.00
11	0.00	0.00	109.47	0.00	0.00	0.00
12	0.00	0.00	106.17	0.00	0.00	0.00
13	0.00	0.00	107.63	0.00	0.00	0.00
14	0.00	0.00	108.24	0.00	0.00	0.00
15	0.00	0.00	109.58	0.00	0.00	0.00
16	0.00	0.00	106.28	0.00	0.00	0.00
17	0.00	0.00	104.98	0.00	0.00	0.00
18	0.00	0.00	106.00	0.00	0.00	0.00
19	0.00	0.00	108.23	0.00	0.00	0.00
20	0.00	0.00	102.73	0.00	0.00	0.00
21	0.00	0.00	82.25	0.00	0.00	0.00
22	0.00	0.00	82.65	0.00	0.00	0.00
23	0.00	0.00	83.54	0.00	0.00	0.00
24	0.00	0.00	81.35	0.00	0.00	0.00
25	0.00	0.00	82.32	0.00	0.00	0.00
26	0.00	0.00	82.72	0.00	0.00	0.00
27	0.00	0.00	83.62	0.00	0.00	0.00
28	0.00	0.00	81.42	0.00	0.00	0.00
29	0.00	0.00	80.55	0.00	0.00	0.00
30	0.00	0.00	81.23	0.00	0.00	0.00

31	0.00	0.00	82.72	0.00	0.00	0.00
32	0.00	0.00	79.05	0.00	0.00	0.00
33	0.00	0.00	79.24	0.00	0.00	0.00
34	0.00	0.00	79.90	0.00	0.00	0.00
35	0.00	0.00	79.18	0.00	0.00	0.00
36	0.00	0.00	79.31	0.00	0.00	0.00
37	0.00	0.00	79.61	0.00	0.00	0.00
38	0.00	0.00	78.88	0.00	0.00	0.00
39	0.00	0.00	79.24	0.00	0.00	0.00
40	0.00	0.00	-7.30	0.00	0.00	0.00
41	0.00	0.00	-7.48	0.00	0.00	0.00
42	0.00	0.00	14.84	0.00	0.00	0.00
43	0.00	0.00	17.71	0.00	0.00	0.00
44	0.00	0.00	76.39	0.00	0.00	0.00
45	0.00	0.00	67.49	0.00	0.00	0.00
46	0.00	0.00	77.25	0.00	0.00	0.00
47	0.00	0.00	66.62	0.00	0.00	0.00
48	0.00	0.00	91.00	0.00	0.00	0.00
49	0.00	0.00	82.09	0.00	0.00	0.00
50	0.00	0.00	91.86	0.00	0.00	0.00
51	0.00	0.00	81.23	0.00	0.00	0.00
52	0.00	0.00	76.21	0.00	0.00	0.00
53	0.00	0.00	67.31	0.00	0.00	0.00
54	0.00	0.00	77.07	0.00	0.00	0.00
55	0.00	0.00	66.45	0.00	0.00	0.00
56	0.00	0.00	91.18	0.00	0.00	0.00
57	0.00	0.00	82.27	0.00	0.00	0.00
58	0.00	0.00	92.04	0.00	0.00	0.00
59	0.00	0.00	81.41	0.00	0.00	0.00
60	0.00	0.00	91.89	0.00	0.00	0.00
61	0.00	0.00	96.28	0.00	0.00	0.00
62	0.00	0.00	91.84	0.00	0.00	0.00
63	0.00	0.00	96.33	0.00	0.00	0.00
64	0.00	0.00	62.21	0.00	0.00	0.00
65	0.00	0.00	66.59	0.00	0.00	0.00
66	0.00	0.00	62.15	0.00	0.00	0.00
67	0.00	0.00	66.64	0.00	0.00	0.00
68	0.00	0.00	94.77	0.00	0.00	0.00
69	0.00	0.00	99.15	0.00	0.00	0.00
70	0.00	0.00	94.71	0.00	0.00	0.00
71	0.00	0.00	99.20	0.00	0.00	0.00
72	0.00	0.00	59.34	0.00	0.00	0.00
73	0.00	0.00	63.72	0.00	0.00	0.00
74	0.00	0.00	59.28	0.00	0.00	0.00
75	0.00	0.00	63.77	0.00	0.00	0.00
77	GLOBAL					
1	0.00	0.00	42.87	0.00	0.00	0.00
2	0.00	0.00	36.24	0.00	0.00	0.00
3	0.00	0.00	1.57	0.00	0.00	0.00
4	0.00	0.00	3.23	0.00	0.00	0.00

5	0.00	0.00	-0.29	0.00	0.00	0.00
6	0.00	0.00	0.31	0.00	0.00	0.00
7	0.00	0.00	1.56	0.00	0.00	0.00
8	0.00	0.00	-1.54	0.00	0.00	0.00
9	0.00	0.00	107.35	0.00	0.00	0.00
10	0.00	0.00	107.89	0.00	0.00	0.00
11	0.00	0.00	109.01	0.00	0.00	0.00
12	0.00	0.00	106.23	0.00	0.00	0.00
13	0.00	0.00	107.42	0.00	0.00	0.00
14	0.00	0.00	107.96	0.00	0.00	0.00
15	0.00	0.00	109.09	0.00	0.00	0.00
16	0.00	0.00	106.30	0.00	0.00	0.00
17	0.00	0.00	104.82	0.00	0.00	0.00
18	0.00	0.00	105.72	0.00	0.00	0.00
19	0.00	0.00	107.60	0.00	0.00	0.00
20	0.00	0.00	102.96	0.00	0.00	0.00
21	0.00	0.00	82.11	0.00	0.00	0.00
22	0.00	0.00	82.47	0.00	0.00	0.00
23	0.00	0.00	83.22	0.00	0.00	0.00
24	0.00	0.00	81.37	0.00	0.00	0.00
25	0.00	0.00	82.16	0.00	0.00	0.00
26	0.00	0.00	82.52	0.00	0.00	0.00
27	0.00	0.00	83.27	0.00	0.00	0.00
28	0.00	0.00	81.42	0.00	0.00	0.00
29	0.00	0.00	80.43	0.00	0.00	0.00
30	0.00	0.00	81.03	0.00	0.00	0.00
31	0.00	0.00	82.28	0.00	0.00	0.00
32	0.00	0.00	79.19	0.00	0.00	0.00
33	0.00	0.00	79.11	0.00	0.00	0.00
34	0.00	0.00	79.75	0.00	0.00	0.00
35	0.00	0.00	79.05	0.00	0.00	0.00
36	0.00	0.00	79.17	0.00	0.00	0.00
37	0.00	0.00	79.42	0.00	0.00	0.00
38	0.00	0.00	78.80	0.00	0.00	0.00
39	0.00	0.00	79.11	0.00	0.00	0.00
40	0.00	0.00	-6.38	0.00	0.00	0.00
41	0.00	0.00	-6.39	0.00	0.00	0.00
42	0.00	0.00	13.11	0.00	0.00	0.00
43	0.00	0.00	15.59	0.00	0.00	0.00
44	0.00	0.00	76.66	0.00	0.00	0.00
45	0.00	0.00	68.79	0.00	0.00	0.00
46	0.00	0.00	77.40	0.00	0.00	0.00
47	0.00	0.00	68.05	0.00	0.00	0.00
48	0.00	0.00	89.42	0.00	0.00	0.00
49	0.00	0.00	81.55	0.00	0.00	0.00
50	0.00	0.00	90.16	0.00	0.00	0.00
51	0.00	0.00	80.81	0.00	0.00	0.00
52	0.00	0.00	76.65	0.00	0.00	0.00
53	0.00	0.00	68.79	0.00	0.00	0.00
54	0.00	0.00	77.39	0.00	0.00	0.00

55	0.00	0.00	68.04	0.00	0.00	0.00
56	0.00	0.00	89.43	0.00	0.00	0.00
57	0.00	0.00	81.56	0.00	0.00	0.00
58	0.00	0.00	90.17	0.00	0.00	0.00
59	0.00	0.00	80.82	0.00	0.00	0.00
60	0.00	0.00	90.30	0.00	0.00	0.00
61	0.00	0.00	94.13	0.00	0.00	0.00
62	0.00	0.00	90.30	0.00	0.00	0.00
63	0.00	0.00	94.13	0.00	0.00	0.00
64	0.00	0.00	64.08	0.00	0.00	0.00
65	0.00	0.00	67.91	0.00	0.00	0.00
66	0.00	0.00	64.08	0.00	0.00	0.00
67	0.00	0.00	67.91	0.00	0.00	0.00
68	0.00	0.00	92.78	0.00	0.00	0.00
69	0.00	0.00	96.61	0.00	0.00	0.00
70	0.00	0.00	92.78	0.00	0.00	0.00
71	0.00	0.00	96.61	0.00	0.00	0.00
72	0.00	0.00	61.60	0.00	0.00	0.00
73	0.00	0.00	65.43	0.00	0.00	0.00
74	0.00	0.00	61.60	0.00	0.00	0.00
75	0.00	0.00	65.44	0.00	0.00	0.00

78

GLOBAL

1	0.00	0.00	42.72	0.00	0.00	0.00
2	0.00	0.00	36.55	0.00	0.00	0.00
3	0.00	0.00	1.59	0.00	0.00	0.00
4	0.00	0.00	3.23	0.00	0.00	0.00
5	0.00	0.00	-0.27	0.00	0.00	0.00
6	0.00	0.00	0.27	0.00	0.00	0.00
7	0.00	0.00	1.30	0.00	0.00	0.00
8	0.00	0.00	-1.27	0.00	0.00	0.00
9	0.00	0.00	107.62	0.00	0.00	0.00
10	0.00	0.00	108.09	0.00	0.00	0.00
11	0.00	0.00	109.02	0.00	0.00	0.00
12	0.00	0.00	106.71	0.00	0.00	0.00
13	0.00	0.00	107.66	0.00	0.00	0.00
14	0.00	0.00	108.13	0.00	0.00	0.00
15	0.00	0.00	109.06	0.00	0.00	0.00
16	0.00	0.00	106.75	0.00	0.00	0.00
17	0.00	0.00	105.07	0.00	0.00	0.00
18	0.00	0.00	105.87	0.00	0.00	0.00
19	0.00	0.00	107.42	0.00	0.00	0.00
20	0.00	0.00	103.56	0.00	0.00	0.00
21	0.00	0.00	82.31	0.00	0.00	0.00
22	0.00	0.00	82.63	0.00	0.00	0.00
23	0.00	0.00	83.25	0.00	0.00	0.00
24	0.00	0.00	81.71	0.00	0.00	0.00
25	0.00	0.00	82.34	0.00	0.00	0.00
26	0.00	0.00	82.66	0.00	0.00	0.00
27	0.00	0.00	83.28	0.00	0.00	0.00
28	0.00	0.00	81.73	0.00	0.00	0.00

29	0.00	0.00	80.62	0.00	0.00	0.00
30	0.00	0.00	81.15	0.00	0.00	0.00
31	0.00	0.00	82.18	0.00	0.00	0.00
32	0.00	0.00	79.61	0.00	0.00	0.00
33	0.00	0.00	79.27	0.00	0.00	0.00
34	0.00	0.00	79.92	0.00	0.00	0.00
35	0.00	0.00	79.22	0.00	0.00	0.00
36	0.00	0.00	79.32	0.00	0.00	0.00
37	0.00	0.00	79.53	0.00	0.00	0.00
38	0.00	0.00	79.01	0.00	0.00	0.00
39	0.00	0.00	79.27	0.00	0.00	0.00
40	0.00	0.00	-5.58	0.00	0.00	0.00
41	0.00	0.00	-5.42	0.00	0.00	0.00
42	0.00	0.00	11.56	0.00	0.00	0.00
43	0.00	0.00	13.68	0.00	0.00	0.00
44	0.00	0.00	77.16	0.00	0.00	0.00
45	0.00	0.00	70.22	0.00	0.00	0.00
46	0.00	0.00	77.79	0.00	0.00	0.00
47	0.00	0.00	69.59	0.00	0.00	0.00
48	0.00	0.00	88.32	0.00	0.00	0.00
49	0.00	0.00	81.38	0.00	0.00	0.00
50	0.00	0.00	88.95	0.00	0.00	0.00
51	0.00	0.00	80.74	0.00	0.00	0.00
52	0.00	0.00	77.31	0.00	0.00	0.00
53	0.00	0.00	70.38	0.00	0.00	0.00
54	0.00	0.00	77.95	0.00	0.00	0.00
55	0.00	0.00	69.74	0.00	0.00	0.00
56	0.00	0.00	88.16	0.00	0.00	0.00
57	0.00	0.00	81.23	0.00	0.00	0.00
58	0.00	0.00	88.80	0.00	0.00	0.00
59	0.00	0.00	80.59	0.00	0.00	0.00
60	0.00	0.00	89.16	0.00	0.00	0.00
61	0.00	0.00	92.51	0.00	0.00	0.00
62	0.00	0.00	89.20	0.00	0.00	0.00
63	0.00	0.00	92.46	0.00	0.00	0.00
64	0.00	0.00	66.03	0.00	0.00	0.00
65	0.00	0.00	69.38	0.00	0.00	0.00
66	0.00	0.00	66.08	0.00	0.00	0.00
67	0.00	0.00	69.33	0.00	0.00	0.00
68	0.00	0.00	91.27	0.00	0.00	0.00
69	0.00	0.00	94.62	0.00	0.00	0.00
70	0.00	0.00	91.32	0.00	0.00	0.00
71	0.00	0.00	94.57	0.00	0.00	0.00
72	0.00	0.00	63.92	0.00	0.00	0.00
73	0.00	0.00	67.27	0.00	0.00	0.00
74	0.00	0.00	63.97	0.00	0.00	0.00
75	0.00	0.00	67.22	0.00	0.00	0.00
79	GLOBAL					
1	0.00	0.00	42.81	0.00	0.00	0.00
2	0.00	0.00	36.89	0.00	0.00	0.00

3	0.00	0.00	1.62	0.00	0.00	0.00
4	0.00	0.00	3.26	0.00	0.00	0.00
5	0.00	0.00	-0.24	0.00	0.00	0.00
6	0.00	0.00	0.23	0.00	0.00	0.00
7	0.00	0.00	1.08	0.00	0.00	0.00
8	0.00	0.00	-1.05	0.00	0.00	0.00
9	0.00	0.00	108.29	0.00	0.00	0.00
10	0.00	0.00	108.70	0.00	0.00	0.00
11	0.00	0.00	109.47	0.00	0.00	0.00
12	0.00	0.00	107.56	0.00	0.00	0.00
13	0.00	0.00	108.30	0.00	0.00	0.00
14	0.00	0.00	108.72	0.00	0.00	0.00
15	0.00	0.00	109.48	0.00	0.00	0.00
16	0.00	0.00	107.57	0.00	0.00	0.00
17	0.00	0.00	105.71	0.00	0.00	0.00
18	0.00	0.00	106.40	0.00	0.00	0.00
19	0.00	0.00	107.69	0.00	0.00	0.00
20	0.00	0.00	104.49	0.00	0.00	0.00
21	0.00	0.00	82.82	0.00	0.00	0.00
22	0.00	0.00	83.10	0.00	0.00	0.00
23	0.00	0.00	83.61	0.00	0.00	0.00
24	0.00	0.00	82.33	0.00	0.00	0.00
25	0.00	0.00	82.83	0.00	0.00	0.00
26	0.00	0.00	83.10	0.00	0.00	0.00
27	0.00	0.00	83.62	0.00	0.00	0.00
28	0.00	0.00	82.34	0.00	0.00	0.00
29	0.00	0.00	81.10	0.00	0.00	0.00
30	0.00	0.00	81.56	0.00	0.00	0.00
31	0.00	0.00	82.42	0.00	0.00	0.00
32	0.00	0.00	80.29	0.00	0.00	0.00
33	0.00	0.00	79.71	0.00	0.00	0.00
34	0.00	0.00	80.36	0.00	0.00	0.00
35	0.00	0.00	79.66	0.00	0.00	0.00
36	0.00	0.00	79.75	0.00	0.00	0.00
37	0.00	0.00	79.92	0.00	0.00	0.00
38	0.00	0.00	79.50	0.00	0.00	0.00
39	0.00	0.00	79.71	0.00	0.00	0.00
40	0.00	0.00	-4.80	0.00	0.00	0.00
41	0.00	0.00	-4.51	0.00	0.00	0.00
42	0.00	0.00	10.26	0.00	0.00	0.00
43	0.00	0.00	12.06	0.00	0.00	0.00
44	0.00	0.00	77.99	0.00	0.00	0.00
45	0.00	0.00	71.83	0.00	0.00	0.00
46	0.00	0.00	78.53	0.00	0.00	0.00
47	0.00	0.00	71.29	0.00	0.00	0.00
48	0.00	0.00	87.58	0.00	0.00	0.00
49	0.00	0.00	81.42	0.00	0.00	0.00
50	0.00	0.00	88.12	0.00	0.00	0.00
51	0.00	0.00	80.88	0.00	0.00	0.00
52	0.00	0.00	78.27	0.00	0.00	0.00

53	0.00	0.00	72.11	0.00	0.00	0.00
54	0.00	0.00	78.81	0.00	0.00	0.00
55	0.00	0.00	71.57	0.00	0.00	0.00
56	0.00	0.00	87.30	0.00	0.00	0.00
57	0.00	0.00	81.14	0.00	0.00	0.00
58	0.00	0.00	87.84	0.00	0.00	0.00
59	0.00	0.00	80.60	0.00	0.00	0.00
60	0.00	0.00	88.53	0.00	0.00	0.00
61	0.00	0.00	91.41	0.00	0.00	0.00
62	0.00	0.00	88.61	0.00	0.00	0.00
63	0.00	0.00	91.32	0.00	0.00	0.00
64	0.00	0.00	68.00	0.00	0.00	0.00
65	0.00	0.00	70.88	0.00	0.00	0.00
66	0.00	0.00	68.09	0.00	0.00	0.00
67	0.00	0.00	70.80	0.00	0.00	0.00
68	0.00	0.00	90.32	0.00	0.00	0.00
69	0.00	0.00	93.20	0.00	0.00	0.00
70	0.00	0.00	90.41	0.00	0.00	0.00
71	0.00	0.00	93.12	0.00	0.00	0.00
72	0.00	0.00	66.21	0.00	0.00	0.00
73	0.00	0.00	69.09	0.00	0.00	0.00
74	0.00	0.00	66.30	0.00	0.00	0.00
75	0.00	0.00	69.00	0.00	0.00	0.00

80 GLOBAL

1	0.00	0.00	43.05	0.00	0.00	0.00
2	0.00	0.00	37.22	0.00	0.00	0.00
3	0.00	0.00	1.67	0.00	0.00	0.00
4	0.00	0.00	3.31	0.00	0.00	0.00
5	0.00	0.00	-0.20	0.00	0.00	0.00
6	0.00	0.00	0.18	0.00	0.00	0.00
7	0.00	0.00	0.90	0.00	0.00	0.00
8	0.00	0.00	-0.86	0.00	0.00	0.00
9	0.00	0.00	109.15	0.00	0.00	0.00
10	0.00	0.00	109.50	0.00	0.00	0.00
11	0.00	0.00	110.14	0.00	0.00	0.00
12	0.00	0.00	108.55	0.00	0.00	0.00
13	0.00	0.00	109.14	0.00	0.00	0.00
14	0.00	0.00	109.48	0.00	0.00	0.00
15	0.00	0.00	110.13	0.00	0.00	0.00
16	0.00	0.00	108.54	0.00	0.00	0.00
17	0.00	0.00	106.53	0.00	0.00	0.00
18	0.00	0.00	107.11	0.00	0.00	0.00
19	0.00	0.00	108.19	0.00	0.00	0.00
20	0.00	0.00	105.53	0.00	0.00	0.00
21	0.00	0.00	83.47	0.00	0.00	0.00
22	0.00	0.00	83.70	0.00	0.00	0.00
23	0.00	0.00	84.13	0.00	0.00	0.00
24	0.00	0.00	83.07	0.00	0.00	0.00
25	0.00	0.00	83.46	0.00	0.00	0.00
26	0.00	0.00	83.69	0.00	0.00	0.00

27	0.00	0.00	84.12	0.00	0.00	0.00
28	0.00	0.00	83.06	0.00	0.00	0.00
29	0.00	0.00	81.72	0.00	0.00	0.00
30	0.00	0.00	82.11	0.00	0.00	0.00
31	0.00	0.00	82.83	0.00	0.00	0.00
32	0.00	0.00	81.06	0.00	0.00	0.00
33	0.00	0.00	80.27	0.00	0.00	0.00
34	0.00	0.00	80.93	0.00	0.00	0.00
35	0.00	0.00	80.23	0.00	0.00	0.00
36	0.00	0.00	80.30	0.00	0.00	0.00
37	0.00	0.00	80.45	0.00	0.00	0.00
38	0.00	0.00	80.09	0.00	0.00	0.00
39	0.00	0.00	80.27	0.00	0.00	0.00
40	0.00	0.00	-3.90	0.00	0.00	0.00
41	0.00	0.00	-3.55	0.00	0.00	0.00
42	0.00	0.00	9.22	0.00	0.00	0.00
43	0.00	0.00	10.74	0.00	0.00	0.00
44	0.00	0.00	79.13	0.00	0.00	0.00
45	0.00	0.00	73.60	0.00	0.00	0.00
46	0.00	0.00	79.58	0.00	0.00	0.00
47	0.00	0.00	73.14	0.00	0.00	0.00
48	0.00	0.00	86.94	0.00	0.00	0.00
49	0.00	0.00	81.40	0.00	0.00	0.00
50	0.00	0.00	87.39	0.00	0.00	0.00
51	0.00	0.00	80.95	0.00	0.00	0.00
52	0.00	0.00	79.48	0.00	0.00	0.00
53	0.00	0.00	73.94	0.00	0.00	0.00
54	0.00	0.00	79.93	0.00	0.00	0.00
55	0.00	0.00	73.49	0.00	0.00	0.00
56	0.00	0.00	86.59	0.00	0.00	0.00
57	0.00	0.00	81.05	0.00	0.00	0.00
58	0.00	0.00	87.04	0.00	0.00	0.00
59	0.00	0.00	80.60	0.00	0.00	0.00
60	0.00	0.00	88.31	0.00	0.00	0.00
61	0.00	0.00	90.66	0.00	0.00	0.00
62	0.00	0.00	88.42	0.00	0.00	0.00
63	0.00	0.00	90.55	0.00	0.00	0.00
64	0.00	0.00	69.88	0.00	0.00	0.00
65	0.00	0.00	72.22	0.00	0.00	0.00
66	0.00	0.00	69.98	0.00	0.00	0.00
67	0.00	0.00	72.11	0.00	0.00	0.00
68	0.00	0.00	89.84	0.00	0.00	0.00
69	0.00	0.00	92.18	0.00	0.00	0.00
70	0.00	0.00	89.94	0.00	0.00	0.00
71	0.00	0.00	92.07	0.00	0.00	0.00
72	0.00	0.00	68.35	0.00	0.00	0.00
73	0.00	0.00	70.69	0.00	0.00	0.00
74	0.00	0.00	68.46	0.00	0.00	0.00
75	0.00	0.00	70.59	0.00	0.00	0.00

1	0.00	0.00	43.16	0.00	0.00	0.00
2	0.00	0.00	37.57	0.00	0.00	0.00
3	0.00	0.00	1.71	0.00	0.00	0.00
4	0.00	0.00	3.35	0.00	0.00	0.00
5	0.00	0.00	-0.12	0.00	0.00	0.00
6	0.00	0.00	0.09	0.00	0.00	0.00
7	0.00	0.00	0.69	0.00	0.00	0.00
8	0.00	0.00	-0.64	0.00	0.00	0.00
9	0.00	0.00	109.92	0.00	0.00	0.00
10	0.00	0.00	110.10	0.00	0.00	0.00
11	0.00	0.00	110.64	0.00	0.00	0.00
12	0.00	0.00	109.45	0.00	0.00	0.00
13	0.00	0.00	109.87	0.00	0.00	0.00
14	0.00	0.00	110.06	0.00	0.00	0.00
15	0.00	0.00	110.59	0.00	0.00	0.00
16	0.00	0.00	109.40	0.00	0.00	0.00
17	0.00	0.00	107.28	0.00	0.00	0.00
18	0.00	0.00	107.60	0.00	0.00	0.00
19	0.00	0.00	108.49	0.00	0.00	0.00
20	0.00	0.00	106.50	0.00	0.00	0.00
21	0.00	0.00	84.04	0.00	0.00	0.00
22	0.00	0.00	84.17	0.00	0.00	0.00
23	0.00	0.00	84.52	0.00	0.00	0.00
24	0.00	0.00	83.73	0.00	0.00	0.00
25	0.00	0.00	84.01	0.00	0.00	0.00
26	0.00	0.00	84.14	0.00	0.00	0.00
27	0.00	0.00	84.49	0.00	0.00	0.00
28	0.00	0.00	83.70	0.00	0.00	0.00
29	0.00	0.00	82.29	0.00	0.00	0.00
30	0.00	0.00	82.50	0.00	0.00	0.00
31	0.00	0.00	83.09	0.00	0.00	0.00
32	0.00	0.00	81.77	0.00	0.00	0.00
33	0.00	0.00	80.73	0.00	0.00	0.00
34	0.00	0.00	81.40	0.00	0.00	0.00
35	0.00	0.00	80.70	0.00	0.00	0.00
36	0.00	0.00	80.75	0.00	0.00	0.00
37	0.00	0.00	80.86	0.00	0.00	0.00
38	0.00	0.00	80.60	0.00	0.00	0.00
39	0.00	0.00	80.73	0.00	0.00	0.00
40	0.00	0.00	-1.94	0.00	0.00	0.00
41	0.00	0.00	-1.65	0.00	0.00	0.00
42	0.00	0.00	7.81	0.00	0.00	0.00
43	0.00	0.00	8.93	0.00	0.00	0.00
44	0.00	0.00	81.13	0.00	0.00	0.00
45	0.00	0.00	76.44	0.00	0.00	0.00
46	0.00	0.00	81.46	0.00	0.00	0.00
47	0.00	0.00	76.11	0.00	0.00	0.00
48	0.00	0.00	85.01	0.00	0.00	0.00
49	0.00	0.00	80.33	0.00	0.00	0.00
50	0.00	0.00	85.35	0.00	0.00	0.00

51	0.00	0.00	79.99	0.00	0.00	0.00
52	0.00	0.00	81.42	0.00	0.00	0.00
53	0.00	0.00	76.73	0.00	0.00	0.00
54	0.00	0.00	81.75	0.00	0.00	0.00
55	0.00	0.00	76.40	0.00	0.00	0.00
56	0.00	0.00	84.72	0.00	0.00	0.00
57	0.00	0.00	80.04	0.00	0.00	0.00
58	0.00	0.00	85.06	0.00	0.00	0.00
59	0.00	0.00	79.70	0.00	0.00	0.00
60	0.00	0.00	87.96	0.00	0.00	0.00
61	0.00	0.00	89.12	0.00	0.00	0.00
62	0.00	0.00	88.04	0.00	0.00	0.00
63	0.00	0.00	89.03	0.00	0.00	0.00
64	0.00	0.00	72.33	0.00	0.00	0.00
65	0.00	0.00	73.50	0.00	0.00	0.00
66	0.00	0.00	72.42	0.00	0.00	0.00
67	0.00	0.00	73.41	0.00	0.00	0.00
68	0.00	0.00	89.07	0.00	0.00	0.00
69	0.00	0.00	90.24	0.00	0.00	0.00
70	0.00	0.00	89.16	0.00	0.00	0.00
71	0.00	0.00	90.15	0.00	0.00	0.00
72	0.00	0.00	71.21	0.00	0.00	0.00
73	0.00	0.00	72.38	0.00	0.00	0.00
74	0.00	0.00	71.30	0.00	0.00	0.00
75	0.00	0.00	72.29	0.00	0.00	0.00

82

GLOBAL

1	0.00	0.00	42.99	0.00	0.00	0.00
2	0.00	0.00	37.64	0.00	0.00	0.00
3	0.00	0.00	1.71	0.00	0.00	0.00
4	0.00	0.00	3.34	0.00	0.00	0.00
5	0.00	0.00	-0.09	0.00	0.00	0.00
6	0.00	0.00	0.06	0.00	0.00	0.00
7	0.00	0.00	0.61	0.00	0.00	0.00
8	0.00	0.00	-0.56	0.00	0.00	0.00
9	0.00	0.00	109.81	0.00	0.00	0.00
10	0.00	0.00	109.95	0.00	0.00	0.00
11	0.00	0.00	110.44	0.00	0.00	0.00
12	0.00	0.00	109.39	0.00	0.00	0.00
13	0.00	0.00	109.75	0.00	0.00	0.00
14	0.00	0.00	109.89	0.00	0.00	0.00
15	0.00	0.00	110.38	0.00	0.00	0.00
16	0.00	0.00	109.33	0.00	0.00	0.00
17	0.00	0.00	107.19	0.00	0.00	0.00
18	0.00	0.00	107.43	0.00	0.00	0.00
19	0.00	0.00	108.24	0.00	0.00	0.00
20	0.00	0.00	106.50	0.00	0.00	0.00
21	0.00	0.00	83.96	0.00	0.00	0.00
22	0.00	0.00	84.05	0.00	0.00	0.00
23	0.00	0.00	84.38	0.00	0.00	0.00
24	0.00	0.00	83.68	0.00	0.00	0.00

25	0.00	0.00	83.92	0.00	0.00	0.00
26	0.00	0.00	84.01	0.00	0.00	0.00
27	0.00	0.00	84.34	0.00	0.00	0.00
28	0.00	0.00	83.64	0.00	0.00	0.00
29	0.00	0.00	82.21	0.00	0.00	0.00
30	0.00	0.00	82.37	0.00	0.00	0.00
31	0.00	0.00	82.91	0.00	0.00	0.00
32	0.00	0.00	81.75	0.00	0.00	0.00
33	0.00	0.00	80.64	0.00	0.00	0.00
34	0.00	0.00	81.30	0.00	0.00	0.00
35	0.00	0.00	80.62	0.00	0.00	0.00
36	0.00	0.00	80.65	0.00	0.00	0.00
37	0.00	0.00	80.76	0.00	0.00	0.00
38	0.00	0.00	80.52	0.00	0.00	0.00
39	0.00	0.00	80.64	0.00	0.00	0.00
40	0.00	0.00	-1.38	0.00	0.00	0.00
41	0.00	0.00	-1.13	0.00	0.00	0.00
42	0.00	0.00	7.23	0.00	0.00	0.00
43	0.00	0.00	8.10	0.00	0.00	0.00
44	0.00	0.00	81.42	0.00	0.00	0.00
45	0.00	0.00	77.09	0.00	0.00	0.00
46	0.00	0.00	81.68	0.00	0.00	0.00
47	0.00	0.00	76.82	0.00	0.00	0.00
48	0.00	0.00	84.19	0.00	0.00	0.00
49	0.00	0.00	79.85	0.00	0.00	0.00
50	0.00	0.00	84.45	0.00	0.00	0.00
51	0.00	0.00	79.59	0.00	0.00	0.00
52	0.00	0.00	81.68	0.00	0.00	0.00
53	0.00	0.00	77.34	0.00	0.00	0.00
54	0.00	0.00	81.94	0.00	0.00	0.00
55	0.00	0.00	77.08	0.00	0.00	0.00
56	0.00	0.00	83.93	0.00	0.00	0.00
57	0.00	0.00	79.59	0.00	0.00	0.00
58	0.00	0.00	84.19	0.00	0.00	0.00
59	0.00	0.00	79.33	0.00	0.00	0.00
60	0.00	0.00	87.45	0.00	0.00	0.00
61	0.00	0.00	88.28	0.00	0.00	0.00
62	0.00	0.00	87.52	0.00	0.00	0.00
63	0.00	0.00	88.20	0.00	0.00	0.00
64	0.00	0.00	73.00	0.00	0.00	0.00
65	0.00	0.00	73.83	0.00	0.00	0.00
66	0.00	0.00	73.07	0.00	0.00	0.00
67	0.00	0.00	73.75	0.00	0.00	0.00
68	0.00	0.00	88.32	0.00	0.00	0.00
69	0.00	0.00	89.15	0.00	0.00	0.00
70	0.00	0.00	88.40	0.00	0.00	0.00
71	0.00	0.00	89.07	0.00	0.00	0.00
72	0.00	0.00	72.12	0.00	0.00	0.00
73	0.00	0.00	72.95	0.00	0.00	0.00
74	0.00	0.00	72.20	0.00	0.00	0.00

83

GLOBAL

75	0.00	0.00	72.87	0.00	0.00	0.00
1	0.00	0.00	42.88	0.00	0.00	0.00
2	0.00	0.00	37.70	0.00	0.00	0.00
3	0.00	0.00	1.71	0.00	0.00	0.00
4	0.00	0.00	3.33	0.00	0.00	0.00
5	0.00	0.00	-0.07	0.00	0.00	0.00
6	0.00	0.00	0.05	0.00	0.00	0.00
7	0.00	0.00	0.55	0.00	0.00	0.00
8	0.00	0.00	-0.50	0.00	0.00	0.00
9	0.00	0.00	109.75	0.00	0.00	0.00
10	0.00	0.00	109.86	0.00	0.00	0.00
11	0.00	0.00	110.31	0.00	0.00	0.00
12	0.00	0.00	109.36	0.00	0.00	0.00
13	0.00	0.00	109.68	0.00	0.00	0.00
14	0.00	0.00	109.79	0.00	0.00	0.00
15	0.00	0.00	110.24	0.00	0.00	0.00
16	0.00	0.00	109.29	0.00	0.00	0.00
17	0.00	0.00	107.14	0.00	0.00	0.00
18	0.00	0.00	107.32	0.00	0.00	0.00
19	0.00	0.00	108.07	0.00	0.00	0.00
20	0.00	0.00	106.50	0.00	0.00	0.00
21	0.00	0.00	83.91	0.00	0.00	0.00
22	0.00	0.00	83.98	0.00	0.00	0.00
23	0.00	0.00	84.28	0.00	0.00	0.00
24	0.00	0.00	83.65	0.00	0.00	0.00
25	0.00	0.00	83.86	0.00	0.00	0.00
26	0.00	0.00	83.93	0.00	0.00	0.00
27	0.00	0.00	84.24	0.00	0.00	0.00
28	0.00	0.00	83.61	0.00	0.00	0.00
29	0.00	0.00	82.17	0.00	0.00	0.00
30	0.00	0.00	82.29	0.00	0.00	0.00
31	0.00	0.00	82.79	0.00	0.00	0.00
32	0.00	0.00	81.74	0.00	0.00	0.00
33	0.00	0.00	80.58	0.00	0.00	0.00
34	0.00	0.00	81.24	0.00	0.00	0.00
35	0.00	0.00	80.56	0.00	0.00	0.00
36	0.00	0.00	80.59	0.00	0.00	0.00
37	0.00	0.00	80.69	0.00	0.00	0.00
38	0.00	0.00	80.48	0.00	0.00	0.00
39	0.00	0.00	80.58	0.00	0.00	0.00
40	0.00	0.00	-1.10	0.00	0.00	0.00
41	0.00	0.00	-0.88	0.00	0.00	0.00
42	0.00	0.00	6.82	0.00	0.00	0.00
43	0.00	0.00	7.44	0.00	0.00	0.00
44	0.00	0.00	81.52	0.00	0.00	0.00
45	0.00	0.00	77.43	0.00	0.00	0.00
46	0.00	0.00	81.70	0.00	0.00	0.00
47	0.00	0.00	77.24	0.00	0.00	0.00
48	0.00	0.00	83.73	0.00	0.00	0.00

49	0.00	0.00	79.64	0.00	0.00	0.00
50	0.00	0.00	83.91	0.00	0.00	0.00
51	0.00	0.00	79.45	0.00	0.00	0.00
52	0.00	0.00	81.74	0.00	0.00	0.00
53	0.00	0.00	77.65	0.00	0.00	0.00
54	0.00	0.00	81.93	0.00	0.00	0.00
55	0.00	0.00	77.46	0.00	0.00	0.00
56	0.00	0.00	83.50	0.00	0.00	0.00
57	0.00	0.00	79.41	0.00	0.00	0.00
58	0.00	0.00	83.69	0.00	0.00	0.00
59	0.00	0.00	79.22	0.00	0.00	0.00
60	0.00	0.00	87.06	0.00	0.00	0.00
61	0.00	0.00	87.72	0.00	0.00	0.00
62	0.00	0.00	87.13	0.00	0.00	0.00
63	0.00	0.00	87.66	0.00	0.00	0.00
64	0.00	0.00	73.43	0.00	0.00	0.00
65	0.00	0.00	74.09	0.00	0.00	0.00
66	0.00	0.00	73.50	0.00	0.00	0.00
67	0.00	0.00	74.03	0.00	0.00	0.00
68	0.00	0.00	87.69	0.00	0.00	0.00
69	0.00	0.00	88.35	0.00	0.00	0.00
70	0.00	0.00	87.76	0.00	0.00	0.00
71	0.00	0.00	88.28	0.00	0.00	0.00
72	0.00	0.00	72.80	0.00	0.00	0.00
73	0.00	0.00	73.47	0.00	0.00	0.00
74	0.00	0.00	72.87	0.00	0.00	0.00
75	0.00	0.00	73.40	0.00	0.00	0.00

84

GLOBAL

1	0.00	0.00	42.88	0.00	0.00	0.00
2	0.00	0.00	37.76	0.00	0.00	0.00
3	0.00	0.00	1.72	0.00	0.00	0.00
4	0.00	0.00	3.34	0.00	0.00	0.00
5	0.00	0.00	-0.06	0.00	0.00	0.00
6	0.00	0.00	0.03	0.00	0.00	0.00
7	0.00	0.00	0.52	0.00	0.00	0.00
8	0.00	0.00	-0.47	0.00	0.00	0.00
9	0.00	0.00	109.87	0.00	0.00	0.00
10	0.00	0.00	109.95	0.00	0.00	0.00
11	0.00	0.00	110.39	0.00	0.00	0.00
12	0.00	0.00	109.50	0.00	0.00	0.00
13	0.00	0.00	109.79	0.00	0.00	0.00
14	0.00	0.00	109.87	0.00	0.00	0.00
15	0.00	0.00	110.31	0.00	0.00	0.00
16	0.00	0.00	109.42	0.00	0.00	0.00
17	0.00	0.00	107.25	0.00	0.00	0.00
18	0.00	0.00	107.39	0.00	0.00	0.00
19	0.00	0.00	108.12	0.00	0.00	0.00
20	0.00	0.00	106.64	0.00	0.00	0.00
21	0.00	0.00	84.00	0.00	0.00	0.00
22	0.00	0.00	84.05	0.00	0.00	0.00

23	0.00	0.00	84.35	0.00	0.00	0.00
24	0.00	0.00	83.75	0.00	0.00	0.00
25	0.00	0.00	83.94	0.00	0.00	0.00
26	0.00	0.00	84.00	0.00	0.00	0.00
27	0.00	0.00	84.29	0.00	0.00	0.00
28	0.00	0.00	83.70	0.00	0.00	0.00
29	0.00	0.00	82.25	0.00	0.00	0.00
30	0.00	0.00	82.34	0.00	0.00	0.00
31	0.00	0.00	82.83	0.00	0.00	0.00
32	0.00	0.00	81.84	0.00	0.00	0.00
33	0.00	0.00	80.64	0.00	0.00	0.00
34	0.00	0.00	81.31	0.00	0.00	0.00
35	0.00	0.00	80.63	0.00	0.00	0.00
36	0.00	0.00	80.65	0.00	0.00	0.00
37	0.00	0.00	80.75	0.00	0.00	0.00
38	0.00	0.00	80.55	0.00	0.00	0.00
39	0.00	0.00	80.64	0.00	0.00	0.00
40	0.00	0.00	-0.90	0.00	0.00	0.00
41	0.00	0.00	-0.72	0.00	0.00	0.00
42	0.00	0.00	6.59	0.00	0.00	0.00
43	0.00	0.00	6.98	0.00	0.00	0.00
44	0.00	0.00	81.73	0.00	0.00	0.00
45	0.00	0.00	77.77	0.00	0.00	0.00
46	0.00	0.00	81.84	0.00	0.00	0.00
47	0.00	0.00	77.65	0.00	0.00	0.00
48	0.00	0.00	83.52	0.00	0.00	0.00
49	0.00	0.00	79.56	0.00	0.00	0.00
50	0.00	0.00	83.63	0.00	0.00	0.00
51	0.00	0.00	79.44	0.00	0.00	0.00
52	0.00	0.00	81.90	0.00	0.00	0.00
53	0.00	0.00	77.95	0.00	0.00	0.00
54	0.00	0.00	82.02	0.00	0.00	0.00
55	0.00	0.00	77.83	0.00	0.00	0.00
56	0.00	0.00	83.34	0.00	0.00	0.00
57	0.00	0.00	79.38	0.00	0.00	0.00
58	0.00	0.00	83.45	0.00	0.00	0.00
59	0.00	0.00	79.27	0.00	0.00	0.00
60	0.00	0.00	86.97	0.00	0.00	0.00
61	0.00	0.00	87.50	0.00	0.00	0.00
62	0.00	0.00	87.02	0.00	0.00	0.00
63	0.00	0.00	87.45	0.00	0.00	0.00
64	0.00	0.00	73.78	0.00	0.00	0.00
65	0.00	0.00	74.32	0.00	0.00	0.00
66	0.00	0.00	73.84	0.00	0.00	0.00
67	0.00	0.00	74.27	0.00	0.00	0.00
68	0.00	0.00	87.35	0.00	0.00	0.00
69	0.00	0.00	87.89	0.00	0.00	0.00
70	0.00	0.00	87.41	0.00	0.00	0.00
71	0.00	0.00	87.84	0.00	0.00	0.00
72	0.00	0.00	73.39	0.00	0.00	0.00

	73	0.00	0.00	73.93	0.00	0.00	0.00
	74	0.00	0.00	73.45	0.00	0.00	0.00
	75	0.00	0.00	73.88	0.00	0.00	0.00
85	GLOBAL						
	1	0.00	0.00	42.98	0.00	0.00	0.00
	2	0.00	0.00	37.82	0.00	0.00	0.00
	3	0.00	0.00	1.73	0.00	0.00	0.00
	4	0.00	0.00	3.36	0.00	0.00	0.00
	5	0.00	0.00	-0.04	0.00	0.00	0.00
	6	0.00	0.00	0.01	0.00	0.00	0.00
	7	0.00	0.00	0.51	0.00	0.00	0.00
	8	0.00	0.00	-0.46	0.00	0.00	0.00
	9	0.00	0.00	110.12	0.00	0.00	0.00
	10	0.00	0.00	110.17	0.00	0.00	0.00
	11	0.00	0.00	110.62	0.00	0.00	0.00
	12	0.00	0.00	109.75	0.00	0.00	0.00
	13	0.00	0.00	110.04	0.00	0.00	0.00
	14	0.00	0.00	110.09	0.00	0.00	0.00
	15	0.00	0.00	110.53	0.00	0.00	0.00
	16	0.00	0.00	109.66	0.00	0.00	0.00
	17	0.00	0.00	107.49	0.00	0.00	0.00
	18	0.00	0.00	107.58	0.00	0.00	0.00
	19	0.00	0.00	108.32	0.00	0.00	0.00
	20	0.00	0.00	106.87	0.00	0.00	0.00
	21	0.00	0.00	84.19	0.00	0.00	0.00
	22	0.00	0.00	84.22	0.00	0.00	0.00
	23	0.00	0.00	84.52	0.00	0.00	0.00
	24	0.00	0.00	83.94	0.00	0.00	0.00
	25	0.00	0.00	84.13	0.00	0.00	0.00
	26	0.00	0.00	84.16	0.00	0.00	0.00
	27	0.00	0.00	84.46	0.00	0.00	0.00
	28	0.00	0.00	83.88	0.00	0.00	0.00
	29	0.00	0.00	82.44	0.00	0.00	0.00
	30	0.00	0.00	82.49	0.00	0.00	0.00
	31	0.00	0.00	82.99	0.00	0.00	0.00
	32	0.00	0.00	82.02	0.00	0.00	0.00
	33	0.00	0.00	80.80	0.00	0.00	0.00
	34	0.00	0.00	81.47	0.00	0.00	0.00
	35	0.00	0.00	80.79	0.00	0.00	0.00
	36	0.00	0.00	80.80	0.00	0.00	0.00
	37	0.00	0.00	80.90	0.00	0.00	0.00
	38	0.00	0.00	80.71	0.00	0.00	0.00
	39	0.00	0.00	80.80	0.00	0.00	0.00
	40	0.00	0.00	-0.54	0.00	0.00	0.00
	41	0.00	0.00	-0.44	0.00	0.00	0.00
	42	0.00	0.00	6.54	0.00	0.00	0.00
	43	0.00	0.00	6.71	0.00	0.00	0.00
	44	0.00	0.00	82.22	0.00	0.00	0.00
	45	0.00	0.00	78.30	0.00	0.00	0.00
	46	0.00	0.00	82.28	0.00	0.00	0.00

47	0.00	0.00	78.25	0.00	0.00	0.00
48	0.00	0.00	83.30	0.00	0.00	0.00
49	0.00	0.00	79.37	0.00	0.00	0.00
50	0.00	0.00	83.35	0.00	0.00	0.00
51	0.00	0.00	79.32	0.00	0.00	0.00
52	0.00	0.00	82.32	0.00	0.00	0.00
53	0.00	0.00	78.40	0.00	0.00	0.00
54	0.00	0.00	82.37	0.00	0.00	0.00
55	0.00	0.00	78.35	0.00	0.00	0.00
56	0.00	0.00	83.20	0.00	0.00	0.00
57	0.00	0.00	79.28	0.00	0.00	0.00
58	0.00	0.00	83.25	0.00	0.00	0.00
59	0.00	0.00	79.22	0.00	0.00	0.00
60	0.00	0.00	87.18	0.00	0.00	0.00
61	0.00	0.00	87.50	0.00	0.00	0.00
62	0.00	0.00	87.20	0.00	0.00	0.00
63	0.00	0.00	87.47	0.00	0.00	0.00
64	0.00	0.00	74.10	0.00	0.00	0.00
65	0.00	0.00	74.42	0.00	0.00	0.00
66	0.00	0.00	74.13	0.00	0.00	0.00
67	0.00	0.00	74.39	0.00	0.00	0.00
68	0.00	0.00	87.34	0.00	0.00	0.00
69	0.00	0.00	87.67	0.00	0.00	0.00
70	0.00	0.00	87.37	0.00	0.00	0.00
71	0.00	0.00	87.64	0.00	0.00	0.00
72	0.00	0.00	73.93	0.00	0.00	0.00
73	0.00	0.00	74.25	0.00	0.00	0.00
74	0.00	0.00	73.96	0.00	0.00	0.00
75	0.00	0.00	74.22	0.00	0.00	0.00

86

GLOBAL

1	0.00	0.00	42.98	0.00	0.00	0.00
2	0.00	0.00	37.82	0.00	0.00	0.00
3	0.00	0.00	1.73	0.00	0.00	0.00
4	0.00	0.00	3.36	0.00	0.00	0.00
5	0.00	0.00	0.02	0.00	0.00	0.00
6	0.00	0.00	-0.05	0.00	0.00	0.00
7	0.00	0.00	0.51	0.00	0.00	0.00
8	0.00	0.00	-0.46	0.00	0.00	0.00
9	0.00	0.00	110.17	0.00	0.00	0.00
10	0.00	0.00	110.11	0.00	0.00	0.00
11	0.00	0.00	110.62	0.00	0.00	0.00
12	0.00	0.00	109.75	0.00	0.00	0.00
13	0.00	0.00	110.09	0.00	0.00	0.00
14	0.00	0.00	110.03	0.00	0.00	0.00
15	0.00	0.00	110.53	0.00	0.00	0.00
16	0.00	0.00	109.66	0.00	0.00	0.00
17	0.00	0.00	107.58	0.00	0.00	0.00
18	0.00	0.00	107.49	0.00	0.00	0.00
19	0.00	0.00	108.32	0.00	0.00	0.00
20	0.00	0.00	106.87	0.00	0.00	0.00

21	0.00	0.00	84.22	0.00	0.00	0.00
22	0.00	0.00	84.18	0.00	0.00	0.00
23	0.00	0.00	84.52	0.00	0.00	0.00
24	0.00	0.00	83.94	0.00	0.00	0.00
25	0.00	0.00	84.17	0.00	0.00	0.00
26	0.00	0.00	84.13	0.00	0.00	0.00
27	0.00	0.00	84.46	0.00	0.00	0.00
28	0.00	0.00	83.88	0.00	0.00	0.00
29	0.00	0.00	82.50	0.00	0.00	0.00
30	0.00	0.00	82.43	0.00	0.00	0.00
31	0.00	0.00	82.99	0.00	0.00	0.00
32	0.00	0.00	82.02	0.00	0.00	0.00
33	0.00	0.00	80.80	0.00	0.00	0.00
34	0.00	0.00	81.47	0.00	0.00	0.00
35	0.00	0.00	80.80	0.00	0.00	0.00
36	0.00	0.00	80.79	0.00	0.00	0.00
37	0.00	0.00	80.90	0.00	0.00	0.00
38	0.00	0.00	80.71	0.00	0.00	0.00
39	0.00	0.00	80.80	0.00	0.00	0.00
40	0.00	0.00	0.67	0.00	0.00	0.00
41	0.00	0.00	0.55	0.00	0.00	0.00
42	0.00	0.00	6.70	0.00	0.00	0.00
43	0.00	0.00	6.54	0.00	0.00	0.00
44	0.00	0.00	83.48	0.00	0.00	0.00
45	0.00	0.00	79.46	0.00	0.00	0.00
46	0.00	0.00	83.43	0.00	0.00	0.00
47	0.00	0.00	79.50	0.00	0.00	0.00
48	0.00	0.00	82.14	0.00	0.00	0.00
49	0.00	0.00	78.12	0.00	0.00	0.00
50	0.00	0.00	82.09	0.00	0.00	0.00
51	0.00	0.00	78.17	0.00	0.00	0.00
52	0.00	0.00	83.36	0.00	0.00	0.00
53	0.00	0.00	79.34	0.00	0.00	0.00
54	0.00	0.00	83.31	0.00	0.00	0.00
55	0.00	0.00	79.39	0.00	0.00	0.00
56	0.00	0.00	82.26	0.00	0.00	0.00
57	0.00	0.00	78.24	0.00	0.00	0.00
58	0.00	0.00	82.21	0.00	0.00	0.00
59	0.00	0.00	78.29	0.00	0.00	0.00
60	0.00	0.00	87.70	0.00	0.00	0.00
61	0.00	0.00	87.30	0.00	0.00	0.00
62	0.00	0.00	87.67	0.00	0.00	0.00
63	0.00	0.00	87.34	0.00	0.00	0.00
64	0.00	0.00	74.30	0.00	0.00	0.00
65	0.00	0.00	73.90	0.00	0.00	0.00
66	0.00	0.00	74.26	0.00	0.00	0.00
67	0.00	0.00	73.93	0.00	0.00	0.00
68	0.00	0.00	87.54	0.00	0.00	0.00
69	0.00	0.00	87.14	0.00	0.00	0.00
70	0.00	0.00	87.51	0.00	0.00	0.00

	71	0.00	0.00	87.18	0.00	0.00	0.00
	72	0.00	0.00	74.46	0.00	0.00	0.00
	73	0.00	0.00	74.06	0.00	0.00	0.00
	74	0.00	0.00	74.42	0.00	0.00	0.00
	75	0.00	0.00	74.09	0.00	0.00	0.00
87	GLOBAL						
	1	0.00	0.00	42.88	0.00	0.00	0.00
	2	0.00	0.00	37.76	0.00	0.00	0.00
	3	0.00	0.00	1.72	0.00	0.00	0.00
	4	0.00	0.00	3.34	0.00	0.00	0.00
	5	0.00	0.00	0.04	0.00	0.00	0.00
	6	0.00	0.00	-0.07	0.00	0.00	0.00
	7	0.00	0.00	0.52	0.00	0.00	0.00
	8	0.00	0.00	-0.47	0.00	0.00	0.00
	9	0.00	0.00	109.95	0.00	0.00	0.00
	10	0.00	0.00	109.86	0.00	0.00	0.00
	11	0.00	0.00	110.39	0.00	0.00	0.00
	12	0.00	0.00	109.50	0.00	0.00	0.00
	13	0.00	0.00	109.88	0.00	0.00	0.00
	14	0.00	0.00	109.78	0.00	0.00	0.00
	15	0.00	0.00	110.31	0.00	0.00	0.00
	16	0.00	0.00	109.42	0.00	0.00	0.00
	17	0.00	0.00	107.40	0.00	0.00	0.00
	18	0.00	0.00	107.24	0.00	0.00	0.00
	19	0.00	0.00	108.12	0.00	0.00	0.00
	20	0.00	0.00	106.64	0.00	0.00	0.00
	21	0.00	0.00	84.06	0.00	0.00	0.00
	22	0.00	0.00	83.99	0.00	0.00	0.00
	23	0.00	0.00	84.35	0.00	0.00	0.00
	24	0.00	0.00	83.75	0.00	0.00	0.00
	25	0.00	0.00	84.00	0.00	0.00	0.00
	26	0.00	0.00	83.94	0.00	0.00	0.00
	27	0.00	0.00	84.29	0.00	0.00	0.00
	28	0.00	0.00	83.70	0.00	0.00	0.00
	29	0.00	0.00	82.35	0.00	0.00	0.00
	30	0.00	0.00	82.24	0.00	0.00	0.00
	31	0.00	0.00	82.83	0.00	0.00	0.00
	32	0.00	0.00	81.84	0.00	0.00	0.00
	33	0.00	0.00	80.64	0.00	0.00	0.00
	34	0.00	0.00	81.31	0.00	0.00	0.00
	35	0.00	0.00	80.65	0.00	0.00	0.00
	36	0.00	0.00	80.63	0.00	0.00	0.00
	37	0.00	0.00	80.75	0.00	0.00	0.00
	38	0.00	0.00	80.55	0.00	0.00	0.00
	39	0.00	0.00	80.64	0.00	0.00	0.00
	40	0.00	0.00	1.02	0.00	0.00	0.00
	41	0.00	0.00	0.83	0.00	0.00	0.00
	42	0.00	0.00	6.98	0.00	0.00	0.00
	43	0.00	0.00	6.60	0.00	0.00	0.00
	44	0.00	0.00	83.76	0.00	0.00	0.00

45	0.00	0.00	79.57	0.00	0.00	0.00
46	0.00	0.00	83.65	0.00	0.00	0.00
47	0.00	0.00	79.69	0.00	0.00	0.00
48	0.00	0.00	81.71	0.00	0.00	0.00
49	0.00	0.00	77.53	0.00	0.00	0.00
50	0.00	0.00	81.60	0.00	0.00	0.00
51	0.00	0.00	77.64	0.00	0.00	0.00
52	0.00	0.00	83.56	0.00	0.00	0.00
53	0.00	0.00	79.38	0.00	0.00	0.00
54	0.00	0.00	83.45	0.00	0.00	0.00
55	0.00	0.00	79.49	0.00	0.00	0.00
56	0.00	0.00	81.91	0.00	0.00	0.00
57	0.00	0.00	77.72	0.00	0.00	0.00
58	0.00	0.00	81.80	0.00	0.00	0.00
59	0.00	0.00	77.84	0.00	0.00	0.00
60	0.00	0.00	87.93	0.00	0.00	0.00
61	0.00	0.00	87.31	0.00	0.00	0.00
62	0.00	0.00	87.87	0.00	0.00	0.00
63	0.00	0.00	87.37	0.00	0.00	0.00
64	0.00	0.00	73.97	0.00	0.00	0.00
65	0.00	0.00	73.36	0.00	0.00	0.00
66	0.00	0.00	73.91	0.00	0.00	0.00
67	0.00	0.00	73.42	0.00	0.00	0.00
68	0.00	0.00	87.55	0.00	0.00	0.00
69	0.00	0.00	86.93	0.00	0.00	0.00
70	0.00	0.00	87.49	0.00	0.00	0.00
71	0.00	0.00	86.99	0.00	0.00	0.00
72	0.00	0.00	74.35	0.00	0.00	0.00
73	0.00	0.00	73.74	0.00	0.00	0.00
74	0.00	0.00	74.29	0.00	0.00	0.00
75	0.00	0.00	73.80	0.00	0.00	0.00

88

GLOBAL

1	0.00	0.00	42.88	0.00	0.00	0.00
2	0.00	0.00	37.70	0.00	0.00	0.00
3	0.00	0.00	1.71	0.00	0.00	0.00
4	0.00	0.00	3.33	0.00	0.00	0.00
5	0.00	0.00	0.05	0.00	0.00	0.00
6	0.00	0.00	-0.08	0.00	0.00	0.00
7	0.00	0.00	0.55	0.00	0.00	0.00
8	0.00	0.00	-0.50	0.00	0.00	0.00
9	0.00	0.00	109.86	0.00	0.00	0.00
10	0.00	0.00	109.74	0.00	0.00	0.00
11	0.00	0.00	110.31	0.00	0.00	0.00
12	0.00	0.00	109.36	0.00	0.00	0.00
13	0.00	0.00	109.79	0.00	0.00	0.00
14	0.00	0.00	109.67	0.00	0.00	0.00
15	0.00	0.00	110.24	0.00	0.00	0.00
16	0.00	0.00	109.29	0.00	0.00	0.00
17	0.00	0.00	107.32	0.00	0.00	0.00
18	0.00	0.00	107.13	0.00	0.00	0.00

19	0.00	0.00	108.07	0.00	0.00	0.00
20	0.00	0.00	106.50	0.00	0.00	0.00
21	0.00	0.00	83.98	0.00	0.00	0.00
22	0.00	0.00	83.91	0.00	0.00	0.00
23	0.00	0.00	84.28	0.00	0.00	0.00
24	0.00	0.00	83.65	0.00	0.00	0.00
25	0.00	0.00	83.94	0.00	0.00	0.00
26	0.00	0.00	83.86	0.00	0.00	0.00
27	0.00	0.00	84.24	0.00	0.00	0.00
28	0.00	0.00	83.61	0.00	0.00	0.00
29	0.00	0.00	82.29	0.00	0.00	0.00
30	0.00	0.00	82.16	0.00	0.00	0.00
31	0.00	0.00	82.79	0.00	0.00	0.00
32	0.00	0.00	81.74	0.00	0.00	0.00
33	0.00	0.00	80.58	0.00	0.00	0.00
34	0.00	0.00	81.24	0.00	0.00	0.00
35	0.00	0.00	80.59	0.00	0.00	0.00
36	0.00	0.00	80.56	0.00	0.00	0.00
37	0.00	0.00	80.69	0.00	0.00	0.00
38	0.00	0.00	80.48	0.00	0.00	0.00
39	0.00	0.00	80.58	0.00	0.00	0.00
40	0.00	0.00	1.22	0.00	0.00	0.00
41	0.00	0.00	0.98	0.00	0.00	0.00
42	0.00	0.00	7.44	0.00	0.00	0.00
43	0.00	0.00	6.82	0.00	0.00	0.00
44	0.00	0.00	84.03	0.00	0.00	0.00
45	0.00	0.00	79.57	0.00	0.00	0.00
46	0.00	0.00	83.84	0.00	0.00	0.00
47	0.00	0.00	79.75	0.00	0.00	0.00
48	0.00	0.00	81.59	0.00	0.00	0.00
49	0.00	0.00	77.12	0.00	0.00	0.00
50	0.00	0.00	81.40	0.00	0.00	0.00
51	0.00	0.00	77.31	0.00	0.00	0.00
52	0.00	0.00	83.79	0.00	0.00	0.00
53	0.00	0.00	79.33	0.00	0.00	0.00
54	0.00	0.00	83.60	0.00	0.00	0.00
55	0.00	0.00	79.51	0.00	0.00	0.00
56	0.00	0.00	81.83	0.00	0.00	0.00
57	0.00	0.00	77.36	0.00	0.00	0.00
58	0.00	0.00	81.64	0.00	0.00	0.00
59	0.00	0.00	77.55	0.00	0.00	0.00
60	0.00	0.00	88.38	0.00	0.00	0.00
61	0.00	0.00	87.65	0.00	0.00	0.00
62	0.00	0.00	88.31	0.00	0.00	0.00
63	0.00	0.00	87.72	0.00	0.00	0.00
64	0.00	0.00	73.50	0.00	0.00	0.00
65	0.00	0.00	72.77	0.00	0.00	0.00
66	0.00	0.00	73.43	0.00	0.00	0.00
67	0.00	0.00	72.84	0.00	0.00	0.00
68	0.00	0.00	87.76	0.00	0.00	0.00

	69	0.00	0.00	87.03	0.00	0.00	0.00
	70	0.00	0.00	87.69	0.00	0.00	0.00
	71	0.00	0.00	87.10	0.00	0.00	0.00
	72	0.00	0.00	74.12	0.00	0.00	0.00
	73	0.00	0.00	73.39	0.00	0.00	0.00
	74	0.00	0.00	74.05	0.00	0.00	0.00
	75	0.00	0.00	73.46	0.00	0.00	0.00
89	GLOBAL						
	1	0.00	0.00	42.99	0.00	0.00	0.00
	2	0.00	0.00	37.64	0.00	0.00	0.00
	3	0.00	0.00	1.71	0.00	0.00	0.00
	4	0.00	0.00	3.34	0.00	0.00	0.00
	5	0.00	0.00	0.07	0.00	0.00	0.00
	6	0.00	0.00	-0.09	0.00	0.00	0.00
	7	0.00	0.00	0.61	0.00	0.00	0.00
	8	0.00	0.00	-0.56	0.00	0.00	0.00
	9	0.00	0.00	109.95	0.00	0.00	0.00
	10	0.00	0.00	109.81	0.00	0.00	0.00
	11	0.00	0.00	110.44	0.00	0.00	0.00
	12	0.00	0.00	109.39	0.00	0.00	0.00
	13	0.00	0.00	109.90	0.00	0.00	0.00
	14	0.00	0.00	109.75	0.00	0.00	0.00
	15	0.00	0.00	110.38	0.00	0.00	0.00
	16	0.00	0.00	109.33	0.00	0.00	0.00
	17	0.00	0.00	107.43	0.00	0.00	0.00
	18	0.00	0.00	107.19	0.00	0.00	0.00
	19	0.00	0.00	108.24	0.00	0.00	0.00
	20	0.00	0.00	106.50	0.00	0.00	0.00
	21	0.00	0.00	84.05	0.00	0.00	0.00
	22	0.00	0.00	83.96	0.00	0.00	0.00
	23	0.00	0.00	84.38	0.00	0.00	0.00
	24	0.00	0.00	83.68	0.00	0.00	0.00
	25	0.00	0.00	84.01	0.00	0.00	0.00
	26	0.00	0.00	83.92	0.00	0.00	0.00
	27	0.00	0.00	84.34	0.00	0.00	0.00
	28	0.00	0.00	83.64	0.00	0.00	0.00
	29	0.00	0.00	82.37	0.00	0.00	0.00
	30	0.00	0.00	82.21	0.00	0.00	0.00
	31	0.00	0.00	82.91	0.00	0.00	0.00
	32	0.00	0.00	81.75	0.00	0.00	0.00
	33	0.00	0.00	80.64	0.00	0.00	0.00
	34	0.00	0.00	81.30	0.00	0.00	0.00
	35	0.00	0.00	80.65	0.00	0.00	0.00
	36	0.00	0.00	80.62	0.00	0.00	0.00
	37	0.00	0.00	80.76	0.00	0.00	0.00
	38	0.00	0.00	80.52	0.00	0.00	0.00
	39	0.00	0.00	80.64	0.00	0.00	0.00
	40	0.00	0.00	1.48	0.00	0.00	0.00
	41	0.00	0.00	1.21	0.00	0.00	0.00
	42	0.00	0.00	8.10	0.00	0.00	0.00

43	0.00	0.00	7.23	0.00	0.00	0.00
44	0.00	0.00	84.55	0.00	0.00	0.00
45	0.00	0.00	79.69	0.00	0.00	0.00
46	0.00	0.00	84.29	0.00	0.00	0.00
47	0.00	0.00	79.95	0.00	0.00	0.00
48	0.00	0.00	81.58	0.00	0.00	0.00
49	0.00	0.00	76.72	0.00	0.00	0.00
50	0.00	0.00	81.32	0.00	0.00	0.00
51	0.00	0.00	76.98	0.00	0.00	0.00
52	0.00	0.00	84.28	0.00	0.00	0.00
53	0.00	0.00	79.42	0.00	0.00	0.00
54	0.00	0.00	84.02	0.00	0.00	0.00
55	0.00	0.00	79.68	0.00	0.00	0.00
56	0.00	0.00	81.85	0.00	0.00	0.00
57	0.00	0.00	76.99	0.00	0.00	0.00
58	0.00	0.00	81.59	0.00	0.00	0.00
59	0.00	0.00	77.25	0.00	0.00	0.00
60	0.00	0.00	89.18	0.00	0.00	0.00
61	0.00	0.00	88.29	0.00	0.00	0.00
62	0.00	0.00	89.10	0.00	0.00	0.00
63	0.00	0.00	88.37	0.00	0.00	0.00
64	0.00	0.00	72.98	0.00	0.00	0.00
65	0.00	0.00	72.09	0.00	0.00	0.00
66	0.00	0.00	72.90	0.00	0.00	0.00
67	0.00	0.00	72.17	0.00	0.00	0.00
68	0.00	0.00	88.31	0.00	0.00	0.00
69	0.00	0.00	87.42	0.00	0.00	0.00
70	0.00	0.00	88.23	0.00	0.00	0.00
71	0.00	0.00	87.50	0.00	0.00	0.00
72	0.00	0.00	73.85	0.00	0.00	0.00
73	0.00	0.00	72.96	0.00	0.00	0.00
74	0.00	0.00	73.77	0.00	0.00	0.00
75	0.00	0.00	73.04	0.00	0.00	0.00

90

GLOBAL

1	0.00	0.00	43.16	0.00	0.00	0.00
2	0.00	0.00	37.57	0.00	0.00	0.00
3	0.00	0.00	1.71	0.00	0.00	0.00
4	0.00	0.00	3.35	0.00	0.00	0.00
5	0.00	0.00	0.09	0.00	0.00	0.00
6	0.00	0.00	-0.12	0.00	0.00	0.00
7	0.00	0.00	0.69	0.00	0.00	0.00
8	0.00	0.00	-0.64	0.00	0.00	0.00
9	0.00	0.00	110.11	0.00	0.00	0.00
10	0.00	0.00	109.91	0.00	0.00	0.00
11	0.00	0.00	110.64	0.00	0.00	0.00
12	0.00	0.00	109.45	0.00	0.00	0.00
13	0.00	0.00	110.06	0.00	0.00	0.00
14	0.00	0.00	109.87	0.00	0.00	0.00
15	0.00	0.00	110.59	0.00	0.00	0.00
16	0.00	0.00	109.40	0.00	0.00	0.00

17	0.00	0.00	107.60	0.00	0.00	0.00
18	0.00	0.00	107.28	0.00	0.00	0.00
19	0.00	0.00	108.49	0.00	0.00	0.00
20	0.00	0.00	106.50	0.00	0.00	0.00
21	0.00	0.00	84.17	0.00	0.00	0.00
22	0.00	0.00	84.04	0.00	0.00	0.00
23	0.00	0.00	84.52	0.00	0.00	0.00
24	0.00	0.00	83.73	0.00	0.00	0.00
25	0.00	0.00	84.14	0.00	0.00	0.00
26	0.00	0.00	84.01	0.00	0.00	0.00
27	0.00	0.00	84.49	0.00	0.00	0.00
28	0.00	0.00	83.70	0.00	0.00	0.00
29	0.00	0.00	82.50	0.00	0.00	0.00
30	0.00	0.00	82.28	0.00	0.00	0.00
31	0.00	0.00	83.09	0.00	0.00	0.00
32	0.00	0.00	81.77	0.00	0.00	0.00
33	0.00	0.00	80.73	0.00	0.00	0.00
34	0.00	0.00	81.40	0.00	0.00	0.00
35	0.00	0.00	80.75	0.00	0.00	0.00
36	0.00	0.00	80.70	0.00	0.00	0.00
37	0.00	0.00	80.86	0.00	0.00	0.00
38	0.00	0.00	80.60	0.00	0.00	0.00
39	0.00	0.00	80.73	0.00	0.00	0.00
40	0.00	0.00	2.02	0.00	0.00	0.00
41	0.00	0.00	1.72	0.00	0.00	0.00
42	0.00	0.00	8.93	0.00	0.00	0.00
43	0.00	0.00	7.82	0.00	0.00	0.00
44	0.00	0.00	85.43	0.00	0.00	0.00
45	0.00	0.00	80.07	0.00	0.00	0.00
46	0.00	0.00	85.09	0.00	0.00	0.00
47	0.00	0.00	80.40	0.00	0.00	0.00
48	0.00	0.00	81.39	0.00	0.00	0.00
49	0.00	0.00	76.03	0.00	0.00	0.00
50	0.00	0.00	81.05	0.00	0.00	0.00
51	0.00	0.00	76.36	0.00	0.00	0.00
52	0.00	0.00	85.13	0.00	0.00	0.00
53	0.00	0.00	79.77	0.00	0.00	0.00
54	0.00	0.00	84.79	0.00	0.00	0.00
55	0.00	0.00	80.10	0.00	0.00	0.00
56	0.00	0.00	81.69	0.00	0.00	0.00
57	0.00	0.00	76.33	0.00	0.00	0.00
58	0.00	0.00	81.35	0.00	0.00	0.00
59	0.00	0.00	76.66	0.00	0.00	0.00
60	0.00	0.00	90.26	0.00	0.00	0.00
61	0.00	0.00	89.05	0.00	0.00	0.00
62	0.00	0.00	90.17	0.00	0.00	0.00
63	0.00	0.00	89.14	0.00	0.00	0.00
64	0.00	0.00	72.40	0.00	0.00	0.00
65	0.00	0.00	71.19	0.00	0.00	0.00
66	0.00	0.00	72.31	0.00	0.00	0.00

	67	0.00	0.00	71.28	0.00	0.00	0.00
	68	0.00	0.00	89.15	0.00	0.00	0.00
	69	0.00	0.00	87.94	0.00	0.00	0.00
	70	0.00	0.00	89.06	0.00	0.00	0.00
	71	0.00	0.00	88.03	0.00	0.00	0.00
	72	0.00	0.00	73.52	0.00	0.00	0.00
	73	0.00	0.00	72.30	0.00	0.00	0.00
	74	0.00	0.00	73.43	0.00	0.00	0.00
	75	0.00	0.00	72.39	0.00	0.00	0.00
91	GLOBAL						
	1	0.00	0.00	43.05	0.00	0.00	0.00
	2	0.00	0.00	37.22	0.00	0.00	0.00
	3	0.00	0.00	1.67	0.00	0.00	0.00
	4	0.00	0.00	3.31	0.00	0.00	0.00
	5	0.00	0.00	0.18	0.00	0.00	0.00
	6	0.00	0.00	-0.20	0.00	0.00	0.00
	7	0.00	0.00	0.91	0.00	0.00	0.00
	8	0.00	0.00	-0.87	0.00	0.00	0.00
	9	0.00	0.00	109.50	0.00	0.00	0.00
	10	0.00	0.00	109.15	0.00	0.00	0.00
	11	0.00	0.00	110.15	0.00	0.00	0.00
	12	0.00	0.00	108.55	0.00	0.00	0.00
	13	0.00	0.00	109.48	0.00	0.00	0.00
	14	0.00	0.00	109.14	0.00	0.00	0.00
	15	0.00	0.00	110.13	0.00	0.00	0.00
	16	0.00	0.00	108.54	0.00	0.00	0.00
	17	0.00	0.00	107.11	0.00	0.00	0.00
	18	0.00	0.00	106.53	0.00	0.00	0.00
	19	0.00	0.00	108.19	0.00	0.00	0.00
	20	0.00	0.00	105.53	0.00	0.00	0.00
	21	0.00	0.00	83.70	0.00	0.00	0.00
	22	0.00	0.00	83.47	0.00	0.00	0.00
	23	0.00	0.00	84.13	0.00	0.00	0.00
	24	0.00	0.00	83.07	0.00	0.00	0.00
	25	0.00	0.00	83.69	0.00	0.00	0.00
	26	0.00	0.00	83.46	0.00	0.00	0.00
	27	0.00	0.00	84.12	0.00	0.00	0.00
	28	0.00	0.00	83.06	0.00	0.00	0.00
	29	0.00	0.00	82.11	0.00	0.00	0.00
	30	0.00	0.00	81.72	0.00	0.00	0.00
	31	0.00	0.00	82.83	0.00	0.00	0.00
	32	0.00	0.00	81.06	0.00	0.00	0.00
	33	0.00	0.00	80.27	0.00	0.00	0.00
	34	0.00	0.00	80.93	0.00	0.00	0.00
	35	0.00	0.00	80.30	0.00	0.00	0.00
	36	0.00	0.00	80.22	0.00	0.00	0.00
	37	0.00	0.00	80.45	0.00	0.00	0.00
	38	0.00	0.00	80.09	0.00	0.00	0.00
	39	0.00	0.00	80.27	0.00	0.00	0.00
	40	0.00	0.00	3.92	0.00	0.00	0.00

41	0.00	0.00	3.57	0.00	0.00	0.00
42	0.00	0.00	10.75	0.00	0.00	0.00
43	0.00	0.00	9.23	0.00	0.00	0.00
44	0.00	0.00	87.41	0.00	0.00	0.00
45	0.00	0.00	80.96	0.00	0.00	0.00
46	0.00	0.00	86.95	0.00	0.00	0.00
47	0.00	0.00	81.41	0.00	0.00	0.00
48	0.00	0.00	79.57	0.00	0.00	0.00
49	0.00	0.00	73.12	0.00	0.00	0.00
50	0.00	0.00	79.12	0.00	0.00	0.00
51	0.00	0.00	73.58	0.00	0.00	0.00
52	0.00	0.00	87.06	0.00	0.00	0.00
53	0.00	0.00	80.61	0.00	0.00	0.00
54	0.00	0.00	86.60	0.00	0.00	0.00
55	0.00	0.00	81.06	0.00	0.00	0.00
56	0.00	0.00	79.92	0.00	0.00	0.00
57	0.00	0.00	73.47	0.00	0.00	0.00
58	0.00	0.00	79.47	0.00	0.00	0.00
59	0.00	0.00	73.93	0.00	0.00	0.00
60	0.00	0.00	92.19	0.00	0.00	0.00
61	0.00	0.00	89.84	0.00	0.00	0.00
62	0.00	0.00	92.08	0.00	0.00	0.00
63	0.00	0.00	89.94	0.00	0.00	0.00
64	0.00	0.00	70.69	0.00	0.00	0.00
65	0.00	0.00	68.34	0.00	0.00	0.00
66	0.00	0.00	70.59	0.00	0.00	0.00
67	0.00	0.00	68.45	0.00	0.00	0.00
68	0.00	0.00	90.67	0.00	0.00	0.00
69	0.00	0.00	88.32	0.00	0.00	0.00
70	0.00	0.00	90.56	0.00	0.00	0.00
71	0.00	0.00	88.42	0.00	0.00	0.00
72	0.00	0.00	72.21	0.00	0.00	0.00
73	0.00	0.00	69.86	0.00	0.00	0.00
74	0.00	0.00	72.11	0.00	0.00	0.00
75	0.00	0.00	69.97	0.00	0.00	0.00

92

GLOBAL

1	0.00	0.00	42.81	0.00	0.00	0.00
2	0.00	0.00	36.89	0.00	0.00	0.00
3	0.00	0.00	1.62	0.00	0.00	0.00
4	0.00	0.00	3.26	0.00	0.00	0.00
5	0.00	0.00	0.23	0.00	0.00	0.00
6	0.00	0.00	-0.24	0.00	0.00	0.00
7	0.00	0.00	1.08	0.00	0.00	0.00
8	0.00	0.00	-1.05	0.00	0.00	0.00
9	0.00	0.00	108.70	0.00	0.00	0.00
10	0.00	0.00	108.29	0.00	0.00	0.00
11	0.00	0.00	109.47	0.00	0.00	0.00
12	0.00	0.00	107.56	0.00	0.00	0.00
13	0.00	0.00	108.71	0.00	0.00	0.00
14	0.00	0.00	108.30	0.00	0.00	0.00

15	0.00	0.00	109.49	0.00	0.00	0.00
16	0.00	0.00	107.57	0.00	0.00	0.00
17	0.00	0.00	106.40	0.00	0.00	0.00
18	0.00	0.00	105.71	0.00	0.00	0.00
19	0.00	0.00	107.69	0.00	0.00	0.00
20	0.00	0.00	104.49	0.00	0.00	0.00
21	0.00	0.00	83.10	0.00	0.00	0.00
22	0.00	0.00	82.82	0.00	0.00	0.00
23	0.00	0.00	83.61	0.00	0.00	0.00
24	0.00	0.00	82.33	0.00	0.00	0.00
25	0.00	0.00	83.10	0.00	0.00	0.00
26	0.00	0.00	82.83	0.00	0.00	0.00
27	0.00	0.00	83.62	0.00	0.00	0.00
28	0.00	0.00	82.34	0.00	0.00	0.00
29	0.00	0.00	81.56	0.00	0.00	0.00
30	0.00	0.00	81.10	0.00	0.00	0.00
31	0.00	0.00	82.42	0.00	0.00	0.00
32	0.00	0.00	80.29	0.00	0.00	0.00
33	0.00	0.00	79.71	0.00	0.00	0.00
34	0.00	0.00	80.36	0.00	0.00	0.00
35	0.00	0.00	79.75	0.00	0.00	0.00
36	0.00	0.00	79.66	0.00	0.00	0.00
37	0.00	0.00	79.92	0.00	0.00	0.00
38	0.00	0.00	79.50	0.00	0.00	0.00
39	0.00	0.00	79.71	0.00	0.00	0.00
40	0.00	0.00	4.78	0.00	0.00	0.00
41	0.00	0.00	4.50	0.00	0.00	0.00
42	0.00	0.00	12.07	0.00	0.00	0.00
43	0.00	0.00	10.27	0.00	0.00	0.00
44	0.00	0.00	88.10	0.00	0.00	0.00
45	0.00	0.00	80.86	0.00	0.00	0.00
46	0.00	0.00	87.56	0.00	0.00	0.00
47	0.00	0.00	81.40	0.00	0.00	0.00
48	0.00	0.00	78.55	0.00	0.00	0.00
49	0.00	0.00	71.31	0.00	0.00	0.00
50	0.00	0.00	78.01	0.00	0.00	0.00
51	0.00	0.00	71.85	0.00	0.00	0.00
52	0.00	0.00	87.82	0.00	0.00	0.00
53	0.00	0.00	80.58	0.00	0.00	0.00
54	0.00	0.00	87.28	0.00	0.00	0.00
55	0.00	0.00	81.12	0.00	0.00	0.00
56	0.00	0.00	78.83	0.00	0.00	0.00
57	0.00	0.00	71.59	0.00	0.00	0.00
58	0.00	0.00	78.29	0.00	0.00	0.00
59	0.00	0.00	72.13	0.00	0.00	0.00
60	0.00	0.00	93.20	0.00	0.00	0.00
61	0.00	0.00	90.34	0.00	0.00	0.00
62	0.00	0.00	93.12	0.00	0.00	0.00
63	0.00	0.00	90.42	0.00	0.00	0.00
64	0.00	0.00	69.07	0.00	0.00	0.00

	65	0.00	0.00	66.21	0.00	0.00	0.00
	66	0.00	0.00	68.99	0.00	0.00	0.00
	67	0.00	0.00	66.29	0.00	0.00	0.00
	68	0.00	0.00	91.41	0.00	0.00	0.00
	69	0.00	0.00	88.54	0.00	0.00	0.00
	70	0.00	0.00	91.33	0.00	0.00	0.00
	71	0.00	0.00	88.63	0.00	0.00	0.00
	72	0.00	0.00	70.87	0.00	0.00	0.00
	73	0.00	0.00	68.00	0.00	0.00	0.00
	74	0.00	0.00	70.78	0.00	0.00	0.00
	75	0.00	0.00	68.09	0.00	0.00	0.00
93	GLOBAL						
	1	0.00	0.00	42.72	0.00	0.00	0.00
	2	0.00	0.00	36.55	0.00	0.00	0.00
	3	0.00	0.00	1.59	0.00	0.00	0.00
	4	0.00	0.00	3.23	0.00	0.00	0.00
	5	0.00	0.00	0.26	0.00	0.00	0.00
	6	0.00	0.00	-0.26	0.00	0.00	0.00
	7	0.00	0.00	1.30	0.00	0.00	0.00
	8	0.00	0.00	-1.28	0.00	0.00	0.00
	9	0.00	0.00	108.09	0.00	0.00	0.00
	10	0.00	0.00	107.62	0.00	0.00	0.00
	11	0.00	0.00	109.03	0.00	0.00	0.00
	12	0.00	0.00	106.71	0.00	0.00	0.00
	13	0.00	0.00	108.13	0.00	0.00	0.00
	14	0.00	0.00	107.66	0.00	0.00	0.00
	15	0.00	0.00	109.07	0.00	0.00	0.00
	16	0.00	0.00	106.75	0.00	0.00	0.00
	17	0.00	0.00	105.87	0.00	0.00	0.00
	18	0.00	0.00	105.08	0.00	0.00	0.00
	19	0.00	0.00	107.42	0.00	0.00	0.00
	20	0.00	0.00	103.56	0.00	0.00	0.00
	21	0.00	0.00	82.63	0.00	0.00	0.00
	22	0.00	0.00	82.31	0.00	0.00	0.00
	23	0.00	0.00	83.25	0.00	0.00	0.00
	24	0.00	0.00	81.71	0.00	0.00	0.00
	25	0.00	0.00	82.66	0.00	0.00	0.00
	26	0.00	0.00	82.34	0.00	0.00	0.00
	27	0.00	0.00	83.28	0.00	0.00	0.00
	28	0.00	0.00	81.73	0.00	0.00	0.00
	29	0.00	0.00	81.15	0.00	0.00	0.00
	30	0.00	0.00	80.62	0.00	0.00	0.00
	31	0.00	0.00	82.19	0.00	0.00	0.00
	32	0.00	0.00	79.61	0.00	0.00	0.00
	33	0.00	0.00	79.27	0.00	0.00	0.00
	34	0.00	0.00	79.92	0.00	0.00	0.00
	35	0.00	0.00	79.32	0.00	0.00	0.00
	36	0.00	0.00	79.22	0.00	0.00	0.00
	37	0.00	0.00	79.53	0.00	0.00	0.00
	38	0.00	0.00	79.01	0.00	0.00	0.00

39	0.00	0.00	79.27	0.00	0.00	0.00
40	0.00	0.00	5.53	0.00	0.00	0.00
41	0.00	0.00	5.38	0.00	0.00	0.00
42	0.00	0.00	13.69	0.00	0.00	0.00
43	0.00	0.00	11.57	0.00	0.00	0.00
44	0.00	0.00	88.90	0.00	0.00	0.00
45	0.00	0.00	80.69	0.00	0.00	0.00
46	0.00	0.00	88.27	0.00	0.00	0.00
47	0.00	0.00	81.32	0.00	0.00	0.00
48	0.00	0.00	77.85	0.00	0.00	0.00
49	0.00	0.00	69.64	0.00	0.00	0.00
50	0.00	0.00	77.21	0.00	0.00	0.00
51	0.00	0.00	70.27	0.00	0.00	0.00
52	0.00	0.00	88.76	0.00	0.00	0.00
53	0.00	0.00	80.54	0.00	0.00	0.00
54	0.00	0.00	88.12	0.00	0.00	0.00
55	0.00	0.00	81.18	0.00	0.00	0.00
56	0.00	0.00	77.99	0.00	0.00	0.00
57	0.00	0.00	69.78	0.00	0.00	0.00
58	0.00	0.00	77.36	0.00	0.00	0.00
59	0.00	0.00	70.42	0.00	0.00	0.00
60	0.00	0.00	94.62	0.00	0.00	0.00
61	0.00	0.00	91.30	0.00	0.00	0.00
62	0.00	0.00	94.57	0.00	0.00	0.00
63	0.00	0.00	91.34	0.00	0.00	0.00
64	0.00	0.00	67.24	0.00	0.00	0.00
65	0.00	0.00	63.92	0.00	0.00	0.00
66	0.00	0.00	67.19	0.00	0.00	0.00
67	0.00	0.00	63.97	0.00	0.00	0.00
68	0.00	0.00	92.50	0.00	0.00	0.00
69	0.00	0.00	89.18	0.00	0.00	0.00
70	0.00	0.00	92.46	0.00	0.00	0.00
71	0.00	0.00	89.23	0.00	0.00	0.00
72	0.00	0.00	69.36	0.00	0.00	0.00
73	0.00	0.00	66.04	0.00	0.00	0.00
74	0.00	0.00	69.31	0.00	0.00	0.00
75	0.00	0.00	66.08	0.00	0.00	0.00

94

GLOBAL

1	0.00	0.00	42.87	0.00	0.00	0.00
2	0.00	0.00	36.24	0.00	0.00	0.00
3	0.00	0.00	1.57	0.00	0.00	0.00
4	0.00	0.00	3.23	0.00	0.00	0.00
5	0.00	0.00	0.30	0.00	0.00	0.00
6	0.00	0.00	-0.29	0.00	0.00	0.00
7	0.00	0.00	1.56	0.00	0.00	0.00
8	0.00	0.00	-1.54	0.00	0.00	0.00
9	0.00	0.00	107.88	0.00	0.00	0.00
10	0.00	0.00	107.35	0.00	0.00	0.00
11	0.00	0.00	109.01	0.00	0.00	0.00
12	0.00	0.00	106.23	0.00	0.00	0.00

13	0.00	0.00	107.96	0.00	0.00	0.00
14	0.00	0.00	107.42	0.00	0.00	0.00
15	0.00	0.00	109.09	0.00	0.00	0.00
16	0.00	0.00	106.30	0.00	0.00	0.00
17	0.00	0.00	105.71	0.00	0.00	0.00
18	0.00	0.00	104.83	0.00	0.00	0.00
19	0.00	0.00	107.60	0.00	0.00	0.00
20	0.00	0.00	102.95	0.00	0.00	0.00
21	0.00	0.00	82.47	0.00	0.00	0.00
22	0.00	0.00	82.11	0.00	0.00	0.00
23	0.00	0.00	83.22	0.00	0.00	0.00
24	0.00	0.00	81.37	0.00	0.00	0.00
25	0.00	0.00	82.52	0.00	0.00	0.00
26	0.00	0.00	82.16	0.00	0.00	0.00
27	0.00	0.00	83.27	0.00	0.00	0.00
28	0.00	0.00	81.41	0.00	0.00	0.00
29	0.00	0.00	81.02	0.00	0.00	0.00
30	0.00	0.00	80.43	0.00	0.00	0.00
31	0.00	0.00	82.28	0.00	0.00	0.00
32	0.00	0.00	79.18	0.00	0.00	0.00
33	0.00	0.00	79.11	0.00	0.00	0.00
34	0.00	0.00	79.75	0.00	0.00	0.00
35	0.00	0.00	79.17	0.00	0.00	0.00
36	0.00	0.00	79.05	0.00	0.00	0.00
37	0.00	0.00	79.42	0.00	0.00	0.00
38	0.00	0.00	78.80	0.00	0.00	0.00
39	0.00	0.00	79.11	0.00	0.00	0.00
40	0.00	0.00	6.29	0.00	0.00	0.00
41	0.00	0.00	6.32	0.00	0.00	0.00
42	0.00	0.00	15.61	0.00	0.00	0.00
43	0.00	0.00	13.12	0.00	0.00	0.00
44	0.00	0.00	90.08	0.00	0.00	0.00
45	0.00	0.00	80.72	0.00	0.00	0.00
46	0.00	0.00	89.34	0.00	0.00	0.00
47	0.00	0.00	81.47	0.00	0.00	0.00
48	0.00	0.00	77.49	0.00	0.00	0.00
49	0.00	0.00	68.13	0.00	0.00	0.00
50	0.00	0.00	76.75	0.00	0.00	0.00
51	0.00	0.00	68.88	0.00	0.00	0.00
52	0.00	0.00	90.10	0.00	0.00	0.00
53	0.00	0.00	80.74	0.00	0.00	0.00
54	0.00	0.00	89.36	0.00	0.00	0.00
55	0.00	0.00	81.49	0.00	0.00	0.00
56	0.00	0.00	77.47	0.00	0.00	0.00
57	0.00	0.00	68.11	0.00	0.00	0.00
58	0.00	0.00	76.73	0.00	0.00	0.00
59	0.00	0.00	68.85	0.00	0.00	0.00
60	0.00	0.00	96.60	0.00	0.00	0.00
61	0.00	0.00	92.82	0.00	0.00	0.00
62	0.00	0.00	96.61	0.00	0.00	0.00

	63	0.00	0.00	92.82	0.00	0.00	0.00
	64	0.00	0.00	65.39	0.00	0.00	0.00
	65	0.00	0.00	61.61	0.00	0.00	0.00
	66	0.00	0.00	65.40	0.00	0.00	0.00
	67	0.00	0.00	61.61	0.00	0.00	0.00
	68	0.00	0.00	94.11	0.00	0.00	0.00
	69	0.00	0.00	90.34	0.00	0.00	0.00
	70	0.00	0.00	94.12	0.00	0.00	0.00
	71	0.00	0.00	90.33	0.00	0.00	0.00
	72	0.00	0.00	67.87	0.00	0.00	0.00
	73	0.00	0.00	64.10	0.00	0.00	0.00
	74	0.00	0.00	67.88	0.00	0.00	0.00
	75	0.00	0.00	64.09	0.00	0.00	0.00
95	GLOBAL						
	1	0.00	0.00	43.28	0.00	0.00	0.00
	2	0.00	0.00	35.96	0.00	0.00	0.00
	3	0.00	0.00	1.56	0.00	0.00	0.00
	4	0.00	0.00	3.27	0.00	0.00	0.00
	5	0.00	0.00	0.35	0.00	0.00	0.00
	6	0.00	0.00	-0.32	0.00	0.00	0.00
	7	0.00	0.00	1.84	0.00	0.00	0.00
	8	0.00	0.00	-1.83	0.00	0.00	0.00
	9	0.00	0.00	108.12	0.00	0.00	0.00
	10	0.00	0.00	107.52	0.00	0.00	0.00
	11	0.00	0.00	109.47	0.00	0.00	0.00
	12	0.00	0.00	106.17	0.00	0.00	0.00
	13	0.00	0.00	108.23	0.00	0.00	0.00
	14	0.00	0.00	107.63	0.00	0.00	0.00
	15	0.00	0.00	109.58	0.00	0.00	0.00
	16	0.00	0.00	106.28	0.00	0.00	0.00
	17	0.00	0.00	105.99	0.00	0.00	0.00
	18	0.00	0.00	104.99	0.00	0.00	0.00
	19	0.00	0.00	108.23	0.00	0.00	0.00
	20	0.00	0.00	102.73	0.00	0.00	0.00
	21	0.00	0.00	82.65	0.00	0.00	0.00
	22	0.00	0.00	82.25	0.00	0.00	0.00
	23	0.00	0.00	83.55	0.00	0.00	0.00
	24	0.00	0.00	81.34	0.00	0.00	0.00
	25	0.00	0.00	82.72	0.00	0.00	0.00
	26	0.00	0.00	82.32	0.00	0.00	0.00
	27	0.00	0.00	83.62	0.00	0.00	0.00
	28	0.00	0.00	81.42	0.00	0.00	0.00
	29	0.00	0.00	81.22	0.00	0.00	0.00
	30	0.00	0.00	80.56	0.00	0.00	0.00
	31	0.00	0.00	82.72	0.00	0.00	0.00
	32	0.00	0.00	79.05	0.00	0.00	0.00
	33	0.00	0.00	79.24	0.00	0.00	0.00
	34	0.00	0.00	79.90	0.00	0.00	0.00
	35	0.00	0.00	79.31	0.00	0.00	0.00
	36	0.00	0.00	79.18	0.00	0.00	0.00

37	0.00	0.00	79.61	0.00	0.00	0.00
38	0.00	0.00	78.88	0.00	0.00	0.00
39	0.00	0.00	79.24	0.00	0.00	0.00
40	0.00	0.00	7.18	0.00	0.00	0.00
41	0.00	0.00	7.38	0.00	0.00	0.00
42	0.00	0.00	17.74	0.00	0.00	0.00
43	0.00	0.00	14.85	0.00	0.00	0.00
44	0.00	0.00	91.74	0.00	0.00	0.00
45	0.00	0.00	81.10	0.00	0.00	0.00
46	0.00	0.00	90.88	0.00	0.00	0.00
47	0.00	0.00	81.97	0.00	0.00	0.00
48	0.00	0.00	77.38	0.00	0.00	0.00
49	0.00	0.00	66.74	0.00	0.00	0.00
50	0.00	0.00	76.52	0.00	0.00	0.00
51	0.00	0.00	67.60	0.00	0.00	0.00
52	0.00	0.00	91.94	0.00	0.00	0.00
53	0.00	0.00	81.30	0.00	0.00	0.00
54	0.00	0.00	91.08	0.00	0.00	0.00
55	0.00	0.00	82.17	0.00	0.00	0.00
56	0.00	0.00	77.18	0.00	0.00	0.00
57	0.00	0.00	66.54	0.00	0.00	0.00
58	0.00	0.00	76.32	0.00	0.00	0.00
59	0.00	0.00	67.41	0.00	0.00	0.00
60	0.00	0.00	99.13	0.00	0.00	0.00
61	0.00	0.00	94.82	0.00	0.00	0.00
62	0.00	0.00	99.19	0.00	0.00	0.00
63	0.00	0.00	94.76	0.00	0.00	0.00
64	0.00	0.00	63.66	0.00	0.00	0.00
65	0.00	0.00	59.35	0.00	0.00	0.00
66	0.00	0.00	63.72	0.00	0.00	0.00
67	0.00	0.00	59.29	0.00	0.00	0.00
68	0.00	0.00	96.25	0.00	0.00	0.00
69	0.00	0.00	91.94	0.00	0.00	0.00
70	0.00	0.00	96.31	0.00	0.00	0.00
71	0.00	0.00	91.88	0.00	0.00	0.00
72	0.00	0.00	66.54	0.00	0.00	0.00
73	0.00	0.00	62.23	0.00	0.00	0.00
74	0.00	0.00	66.60	0.00	0.00	0.00
75	0.00	0.00	62.17	0.00	0.00	0.00

96

GLOBAL

1	0.46	0.00	43.02	0.00	0.00	0.00
2	0.21	0.00	35.53	0.00	0.00	0.00
3	0.03	0.00	1.52	0.00	0.00	0.00
4	0.06	0.00	3.23	0.00	0.00	0.00
5	-0.07	0.00	-0.32	0.00	0.00	0.00
6	0.06	0.00	0.36	0.00	0.00	0.00
7	0.13	0.00	-1.80	0.00	0.00	0.00
8	-0.13	0.00	1.80	0.00	0.00	0.00
9	0.90	0.00	106.55	0.00	0.00	0.00
10	1.02	0.00	107.16	0.00	0.00	0.00

11	1.08	0.00	105.22	0.00	0.00	0.00
12	0.85	0.00	108.45	0.00	0.00	0.00
13	0.90	0.00	106.69	0.00	0.00	0.00
14	1.01	0.00	107.30	0.00	0.00	0.00
15	1.08	0.00	105.35	0.00	0.00	0.00
16	0.85	0.00	108.59	0.00	0.00	0.00
17	0.81	0.00	104.07	0.00	0.00	0.00
18	1.00	0.00	105.09	0.00	0.00	0.00
19	1.11	0.00	101.85	0.00	0.00	0.00
20	0.73	0.00	107.25	0.00	0.00	0.00
21	0.69	0.00	81.51	0.00	0.00	0.00
22	0.77	0.00	81.91	0.00	0.00	0.00
23	0.81	0.00	80.62	0.00	0.00	0.00
24	0.66	0.00	82.78	0.00	0.00	0.00
25	0.69	0.00	81.60	0.00	0.00	0.00
26	0.77	0.00	82.01	0.00	0.00	0.00
27	0.81	0.00	80.71	0.00	0.00	0.00
28	0.66	0.00	82.87	0.00	0.00	0.00
29	0.63	0.00	79.86	0.00	0.00	0.00
30	0.76	0.00	80.54	0.00	0.00	0.00
31	0.83	0.00	78.38	0.00	0.00	0.00
32	0.57	0.00	81.97	0.00	0.00	0.00
33	0.67	0.00	78.56	0.00	0.00	0.00
34	0.68	0.00	79.20	0.00	0.00	0.00
35	0.65	0.00	78.49	0.00	0.00	0.00
36	0.68	0.00	78.63	0.00	0.00	0.00
37	0.69	0.00	78.20	0.00	0.00	0.00
38	0.64	0.00	78.92	0.00	0.00	0.00
39	0.67	0.00	78.56	0.00	0.00	0.00
40	-1.35	0.00	-8.13	0.00	0.00	0.00
41	0.05	0.00	-7.87	0.00	0.00	0.00
42	0.60	0.00	-14.05	0.00	0.00	0.00
43	0.17	0.00	-16.78	0.00	0.00	0.00
44	-0.50	0.00	66.22	0.00	0.00	0.00
45	-0.86	0.00	74.64	0.00	0.00	0.00
46	-0.63	0.00	65.40	0.00	0.00	0.00
47	-0.73	0.00	75.46	0.00	0.00	0.00
48	2.20	0.00	82.47	0.00	0.00	0.00
49	1.84	0.00	90.90	0.00	0.00	0.00
50	2.07	0.00	81.65	0.00	0.00	0.00
51	1.97	0.00	91.72	0.00	0.00	0.00
52	0.90	0.00	66.47	0.00	0.00	0.00
53	0.54	0.00	74.90	0.00	0.00	0.00
54	0.77	0.00	65.65	0.00	0.00	0.00
55	0.66	0.00	75.72	0.00	0.00	0.00
56	0.80	0.00	82.21	0.00	0.00	0.00
57	0.44	0.00	90.64	0.00	0.00	0.00
58	0.67	0.00	81.39	0.00	0.00	0.00
59	0.57	0.00	91.46	0.00	0.00	0.00
60	0.87	0.00	62.07	0.00	0.00	0.00

	61	1.68	0.00	66.95	0.00	0.00	0.00
	62	1.29	0.00	62.15	0.00	0.00	0.00
	63	1.26	0.00	66.87	0.00	0.00	0.00
	64	-0.34	0.00	90.16	0.00	0.00	0.00
	65	0.47	0.00	95.04	0.00	0.00	0.00
	66	0.08	0.00	90.24	0.00	0.00	0.00
	67	0.05	0.00	94.96	0.00	0.00	0.00
	68	0.44	0.00	59.34	0.00	0.00	0.00
	69	1.25	0.00	64.21	0.00	0.00	0.00
	70	0.86	0.00	59.42	0.00	0.00	0.00
	71	0.83	0.00	64.14	0.00	0.00	0.00
	72	0.09	0.00	92.90	0.00	0.00	0.00
	73	0.90	0.00	97.77	0.00	0.00	0.00
	74	0.51	0.00	92.98	0.00	0.00	0.00
	75	0.48	0.00	97.70	0.00	0.00	0.00
97	GLOBAL						
	1	-0.07	0.00	41.85	0.00	0.00	0.00
	2	-0.03	0.00	35.23	0.00	0.00	0.00
	3	-0.01	0.00	1.46	0.00	0.00	0.00
	4	-0.01	0.00	3.09	0.00	0.00	0.00
	5	0.01	0.00	-0.24	0.00	0.00	0.00
	6	-0.01	0.00	0.31	0.00	0.00	0.00
	7	-0.02	0.00	-1.36	0.00	0.00	0.00
	8	0.02	0.00	1.36	0.00	0.00	0.00
	9	-0.14	0.00	104.49	0.00	0.00	0.00
	10	-0.15	0.00	104.98	0.00	0.00	0.00
	11	-0.17	0.00	103.49	0.00	0.00	0.00
	12	-0.12	0.00	105.93	0.00	0.00	0.00
	13	-0.14	0.00	104.62	0.00	0.00	0.00
	14	-0.15	0.00	105.12	0.00	0.00	0.00
	15	-0.17	0.00	103.62	0.00	0.00	0.00
	16	-0.12	0.00	106.06	0.00	0.00	0.00
	17	-0.12	0.00	102.16	0.00	0.00	0.00
	18	-0.15	0.00	102.99	0.00	0.00	0.00
	19	-0.17	0.00	100.49	0.00	0.00	0.00
	20	-0.10	0.00	104.56	0.00	0.00	0.00
	21	-0.10	0.00	79.94	0.00	0.00	0.00
	22	-0.11	0.00	80.27	0.00	0.00	0.00
	23	-0.12	0.00	79.27	0.00	0.00	0.00
	24	-0.10	0.00	80.90	0.00	0.00	0.00
	25	-0.10	0.00	80.03	0.00	0.00	0.00
	26	-0.11	0.00	80.36	0.00	0.00	0.00
	27	-0.12	0.00	79.36	0.00	0.00	0.00
	28	-0.10	0.00	80.99	0.00	0.00	0.00
	29	-0.09	0.00	78.38	0.00	0.00	0.00
	30	-0.11	0.00	78.93	0.00	0.00	0.00
	31	-0.13	0.00	77.27	0.00	0.00	0.00
	32	-0.08	0.00	79.98	0.00	0.00	0.00
	33	-0.10	0.00	77.08	0.00	0.00	0.00
	34	-0.10	0.00	77.70	0.00	0.00	0.00

35	-0.10	0.00	77.03	0.00	0.00	0.00
36	-0.10	0.00	77.14	0.00	0.00	0.00
37	-0.10	0.00	76.81	0.00	0.00	0.00
38	-0.09	0.00	77.35	0.00	0.00	0.00
39	-0.10	0.00	77.08	0.00	0.00	0.00
40	0.19	0.00	-7.33	0.00	0.00	0.00
41	0.00	0.00	-7.15	0.00	0.00	0.00
42	-0.16	0.00	-10.51	0.00	0.00	0.00
43	-0.11	0.00	-12.54	0.00	0.00	0.00
44	0.04	0.00	66.60	0.00	0.00	0.00
45	0.14	0.00	72.91	0.00	0.00	0.00
46	0.06	0.00	65.99	0.00	0.00	0.00
47	0.12	0.00	73.52	0.00	0.00	0.00
48	-0.34	0.00	81.26	0.00	0.00	0.00
49	-0.24	0.00	87.56	0.00	0.00	0.00
50	-0.32	0.00	80.65	0.00	0.00	0.00
51	-0.26	0.00	88.17	0.00	0.00	0.00
52	-0.15	0.00	66.78	0.00	0.00	0.00
53	-0.05	0.00	73.08	0.00	0.00	0.00
54	-0.13	0.00	66.17	0.00	0.00	0.00
55	-0.07	0.00	73.69	0.00	0.00	0.00
56	-0.15	0.00	81.08	0.00	0.00	0.00
57	-0.05	0.00	87.39	0.00	0.00	0.00
58	-0.13	0.00	80.47	0.00	0.00	0.00
59	-0.06	0.00	87.99	0.00	0.00	0.00
60	-0.20	0.00	64.37	0.00	0.00	0.00
61	-0.31	0.00	68.77	0.00	0.00	0.00
62	-0.26	0.00	64.42	0.00	0.00	0.00
63	-0.26	0.00	68.72	0.00	0.00	0.00
64	0.11	0.00	85.40	0.00	0.00	0.00
65	0.00	0.00	89.79	0.00	0.00	0.00
66	0.06	0.00	85.45	0.00	0.00	0.00
67	0.06	0.00	89.74	0.00	0.00	0.00
68	-0.16	0.00	62.34	0.00	0.00	0.00
69	-0.27	0.00	66.74	0.00	0.00	0.00
70	-0.21	0.00	62.40	0.00	0.00	0.00
71	-0.21	0.00	66.69	0.00	0.00	0.00
72	0.07	0.00	87.42	0.00	0.00	0.00
73	-0.04	0.00	91.82	0.00	0.00	0.00
74	0.01	0.00	87.48	0.00	0.00	0.00
75	0.01	0.00	91.77	0.00	0.00	0.00
98	GLOBAL					
1	0.02	0.00	40.94	0.00	0.00	0.00
2	0.01	0.00	35.00	0.00	0.00	0.00
3	0.00	0.00	1.41	0.00	0.00	0.00
4	0.00	0.00	2.98	0.00	0.00	0.00
5	0.00	0.00	-0.18	0.00	0.00	0.00
6	0.00	0.00	0.26	0.00	0.00	0.00
7	0.03	0.00	-0.96	0.00	0.00	0.00
8	-0.03	0.00	0.96	0.00	0.00	0.00

9	0.04	0.00	102.92	0.00	0.00	0.00
10	0.04	0.00	103.31	0.00	0.00	0.00
11	0.06	0.00	102.21	0.00	0.00	0.00
12	0.02	0.00	103.94	0.00	0.00	0.00
13	0.04	0.00	103.05	0.00	0.00	0.00
14	0.04	0.00	103.44	0.00	0.00	0.00
15	0.06	0.00	102.34	0.00	0.00	0.00
16	0.02	0.00	104.07	0.00	0.00	0.00
17	0.04	0.00	100.70	0.00	0.00	0.00
18	0.04	0.00	101.36	0.00	0.00	0.00
19	0.08	0.00	99.52	0.00	0.00	0.00
20	0.00	0.00	102.41	0.00	0.00	0.00
21	0.03	0.00	78.74	0.00	0.00	0.00
22	0.03	0.00	79.00	0.00	0.00	0.00
23	0.05	0.00	78.27	0.00	0.00	0.00
24	0.02	0.00	79.42	0.00	0.00	0.00
25	0.03	0.00	78.82	0.00	0.00	0.00
26	0.03	0.00	79.09	0.00	0.00	0.00
27	0.05	0.00	78.35	0.00	0.00	0.00
28	0.02	0.00	79.51	0.00	0.00	0.00
29	0.03	0.00	77.26	0.00	0.00	0.00
30	0.03	0.00	77.70	0.00	0.00	0.00
31	0.05	0.00	76.48	0.00	0.00	0.00
32	0.00	0.00	78.40	0.00	0.00	0.00
33	0.03	0.00	75.95	0.00	0.00	0.00
34	0.03	0.00	76.54	0.00	0.00	0.00
35	0.03	0.00	75.91	0.00	0.00	0.00
36	0.03	0.00	76.00	0.00	0.00	0.00
37	0.03	0.00	75.75	0.00	0.00	0.00
38	0.02	0.00	76.14	0.00	0.00	0.00
39	0.03	0.00	75.95	0.00	0.00	0.00
40	-0.01	0.00	-6.65	0.00	0.00	0.00
41	-0.02	0.00	-6.53	0.00	0.00	0.00
42	0.28	0.00	-7.45	0.00	0.00	0.00
43	0.34	0.00	-8.89	0.00	0.00	0.00
44	0.10	0.00	67.06	0.00	0.00	0.00
45	-0.07	0.00	71.53	0.00	0.00	0.00
46	0.12	0.00	66.63	0.00	0.00	0.00
47	-0.09	0.00	71.96	0.00	0.00	0.00
48	0.12	0.00	80.36	0.00	0.00	0.00
49	-0.05	0.00	84.83	0.00	0.00	0.00
50	0.14	0.00	79.93	0.00	0.00	0.00
51	-0.06	0.00	85.26	0.00	0.00	0.00
52	0.09	0.00	67.18	0.00	0.00	0.00
53	-0.08	0.00	71.66	0.00	0.00	0.00
54	0.11	0.00	66.75	0.00	0.00	0.00
55	-0.10	0.00	72.09	0.00	0.00	0.00
56	0.13	0.00	80.24	0.00	0.00	0.00
57	-0.04	0.00	84.71	0.00	0.00	0.00
58	0.15	0.00	79.81	0.00	0.00	0.00

59	-0.05	0.00	85.14	0.00	0.00	0.00
60	0.30	0.00	66.50	0.00	0.00	0.00
61	0.31	0.00	70.49	0.00	0.00	0.00
62	0.30	0.00	66.53	0.00	0.00	0.00
63	0.31	0.00	70.45	0.00	0.00	0.00
64	-0.25	0.00	81.40	0.00	0.00	0.00
65	-0.25	0.00	85.39	0.00	0.00	0.00
66	-0.26	0.00	81.44	0.00	0.00	0.00
67	-0.24	0.00	85.36	0.00	0.00	0.00
68	0.36	0.00	65.06	0.00	0.00	0.00
69	0.37	0.00	69.05	0.00	0.00	0.00
70	0.36	0.00	65.10	0.00	0.00	0.00
71	0.37	0.00	69.02	0.00	0.00	0.00
72	-0.32	0.00	82.84	0.00	0.00	0.00
73	-0.31	0.00	86.83	0.00	0.00	0.00
74	-0.32	0.00	82.88	0.00	0.00	0.00
75	-0.31	0.00	86.79	0.00	0.00	0.00

99

GLOBAL

1	0.00	0.00	40.39	0.00	0.00	0.00
2	0.00	0.00	34.85	0.00	0.00	0.00
3	0.00	0.00	1.38	0.00	0.00	0.00
4	-0.01	0.00	2.93	0.00	0.00	0.00
5	0.00	0.00	-0.12	0.00	0.00	0.00
6	0.00	0.00	0.22	0.00	0.00	0.00
7	-0.08	0.00	-0.60	0.00	0.00	0.00
8	0.08	0.00	0.60	0.00	0.00	0.00
9	-0.02	0.00	101.95	0.00	0.00	0.00
10	-0.02	0.00	102.26	0.00	0.00	0.00
11	-0.09	0.00	101.53	0.00	0.00	0.00
12	0.05	0.00	102.60	0.00	0.00	0.00
13	-0.02	0.00	102.08	0.00	0.00	0.00
14	-0.02	0.00	102.39	0.00	0.00	0.00
15	-0.09	0.00	101.66	0.00	0.00	0.00
16	0.05	0.00	102.73	0.00	0.00	0.00
17	-0.02	0.00	99.81	0.00	0.00	0.00
18	-0.01	0.00	100.33	0.00	0.00	0.00
19	-0.13	0.00	99.10	0.00	0.00	0.00
20	0.10	0.00	100.89	0.00	0.00	0.00
21	-0.02	0.00	78.00	0.00	0.00	0.00
22	-0.01	0.00	78.21	0.00	0.00	0.00
23	-0.06	0.00	77.72	0.00	0.00	0.00
24	0.03	0.00	78.43	0.00	0.00	0.00
25	-0.02	0.00	78.09	0.00	0.00	0.00
26	-0.01	0.00	78.29	0.00	0.00	0.00
27	-0.06	0.00	77.80	0.00	0.00	0.00
28	0.03	0.00	78.52	0.00	0.00	0.00
29	-0.01	0.00	76.57	0.00	0.00	0.00
30	-0.01	0.00	76.92	0.00	0.00	0.00
31	-0.09	0.00	76.10	0.00	0.00	0.00
32	0.07	0.00	77.29	0.00	0.00	0.00

33	-0.01	0.00	75.24	0.00	0.00	0.00
34	-0.01	0.00	75.82	0.00	0.00	0.00
35	-0.01	0.00	75.21	0.00	0.00	0.00
36	-0.01	0.00	75.28	0.00	0.00	0.00
37	-0.02	0.00	75.12	0.00	0.00	0.00
38	0.01	0.00	75.35	0.00	0.00	0.00
39	-0.01	0.00	75.24	0.00	0.00	0.00
40	-0.14	0.00	-6.15	0.00	0.00	0.00
41	0.08	0.00	-6.07	0.00	0.00	0.00
42	-0.95	0.00	-4.64	0.00	0.00	0.00
43	-1.25	0.00	-5.54	0.00	0.00	0.00
44	-0.44	0.00	67.69	0.00	0.00	0.00
45	0.14	0.00	70.47	0.00	0.00	0.00
46	-0.52	0.00	67.42	0.00	0.00	0.00
47	0.22	0.00	70.74	0.00	0.00	0.00
48	-0.15	0.00	80.00	0.00	0.00	0.00
49	0.42	0.00	82.78	0.00	0.00	0.00
50	-0.24	0.00	79.73	0.00	0.00	0.00
51	0.51	0.00	83.05	0.00	0.00	0.00
52	-0.21	0.00	67.77	0.00	0.00	0.00
53	0.36	0.00	70.55	0.00	0.00	0.00
54	-0.30	0.00	67.50	0.00	0.00	0.00
55	0.45	0.00	70.82	0.00	0.00	0.00
56	-0.38	0.00	79.92	0.00	0.00	0.00
57	0.20	0.00	82.70	0.00	0.00	0.00
58	-0.46	0.00	79.65	0.00	0.00	0.00
59	0.28	0.00	82.97	0.00	0.00	0.00
60	-1.00	0.00	68.74	0.00	0.00	0.00
61	-0.92	0.00	72.44	0.00	0.00	0.00
62	-0.94	0.00	68.77	0.00	0.00	0.00
63	-0.99	0.00	72.41	0.00	0.00	0.00
64	0.90	0.00	78.03	0.00	0.00	0.00
65	0.99	0.00	81.73	0.00	0.00	0.00
66	0.97	0.00	78.06	0.00	0.00	0.00
67	0.92	0.00	81.70	0.00	0.00	0.00
68	-1.30	0.00	67.84	0.00	0.00	0.00
69	-1.21	0.00	71.54	0.00	0.00	0.00
70	-1.23	0.00	67.87	0.00	0.00	0.00
71	-1.28	0.00	71.51	0.00	0.00	0.00
72	1.20	0.00	78.93	0.00	0.00	0.00
73	1.28	0.00	82.63	0.00	0.00	0.00
74	1.27	0.00	78.96	0.00	0.00	0.00
75	1.22	0.00	82.60	0.00	0.00	0.00

100

GLOBAL

1	-0.01	0.00	40.15	0.00	0.00	0.00
2	0.00	0.00	34.78	0.00	0.00	0.00
3	0.02	0.00	1.37	0.00	0.00	0.00
4	0.04	0.00	2.90	0.00	0.00	0.00
5	0.03	0.00	-0.09	0.00	0.00	0.00
6	-0.02	0.00	0.20	0.00	0.00	0.00

7	0.50	0.00	-0.23	0.00	0.00	0.00
8	-0.50	0.00	0.23	0.00	0.00	0.00
9	0.08	0.00	101.56	0.00	0.00	0.00
10	0.04	0.00	101.82	0.00	0.00	0.00
11	0.51	0.00	101.43	0.00	0.00	0.00
12	-0.40	0.00	101.85	0.00	0.00	0.00
13	0.09	0.00	101.68	0.00	0.00	0.00
14	0.04	0.00	101.94	0.00	0.00	0.00
15	0.51	0.00	101.56	0.00	0.00	0.00
16	-0.40	0.00	101.97	0.00	0.00	0.00
17	0.07	0.00	99.45	0.00	0.00	0.00
18	-0.01	0.00	99.88	0.00	0.00	0.00
19	0.78	0.00	99.24	0.00	0.00	0.00
20	-0.73	0.00	99.93	0.00	0.00	0.00
21	0.06	0.00	77.69	0.00	0.00	0.00
22	0.02	0.00	77.87	0.00	0.00	0.00
23	0.34	0.00	77.61	0.00	0.00	0.00
24	-0.27	0.00	77.89	0.00	0.00	0.00
25	0.06	0.00	77.78	0.00	0.00	0.00
26	0.02	0.00	77.95	0.00	0.00	0.00
27	0.34	0.00	77.69	0.00	0.00	0.00
28	-0.26	0.00	77.97	0.00	0.00	0.00
29	0.05	0.00	76.29	0.00	0.00	0.00
30	-0.01	0.00	76.58	0.00	0.00	0.00
31	0.52	0.00	76.15	0.00	0.00	0.00
32	-0.49	0.00	76.61	0.00	0.00	0.00
33	-0.01	0.00	74.93	0.00	0.00	0.00
34	0.00	0.00	75.51	0.00	0.00	0.00
35	0.00	0.00	74.91	0.00	0.00	0.00
36	-0.01	0.00	74.97	0.00	0.00	0.00
37	0.10	0.00	74.88	0.00	0.00	0.00
38	-0.11	0.00	74.98	0.00	0.00	0.00
39	-0.01	0.00	74.93	0.00	0.00	0.00
40	1.06	0.00	-5.88	0.00	0.00	0.00
41	-0.57	0.00	-5.84	0.00	0.00	0.00
42	6.34	0.00	-1.82	0.00	0.00	0.00
43	8.33	0.00	-2.18	0.00	0.00	0.00
44	2.96	0.00	68.51	0.00	0.00	0.00
45	-0.85	0.00	69.60	0.00	0.00	0.00
46	3.55	0.00	68.40	0.00	0.00	0.00
47	-1.44	0.00	69.71	0.00	0.00	0.00
48	0.84	0.00	80.26	0.00	0.00	0.00
49	-2.97	0.00	81.35	0.00	0.00	0.00
50	1.43	0.00	80.15	0.00	0.00	0.00
51	-3.57	0.00	81.46	0.00	0.00	0.00
52	1.33	0.00	68.54	0.00	0.00	0.00
53	-2.48	0.00	69.64	0.00	0.00	0.00
54	1.93	0.00	68.43	0.00	0.00	0.00
55	-3.07	0.00	69.74	0.00	0.00	0.00
56	2.46	0.00	80.22	0.00	0.00	0.00

57	-1.34	0.00	81.32	0.00	0.00	0.00
58	3.06	0.00	80.11	0.00	0.00	0.00
59	-1.94	0.00	81.42	0.00	0.00	0.00
60	6.66	0.00	71.34	0.00	0.00	0.00
61	6.02	0.00	74.87	0.00	0.00	0.00
62	6.17	0.00	71.35	0.00	0.00	0.00
63	6.51	0.00	74.86	0.00	0.00	0.00
64	-6.03	0.00	74.99	0.00	0.00	0.00
65	-6.67	0.00	78.52	0.00	0.00	0.00
66	-6.52	0.00	75.00	0.00	0.00	0.00
67	-6.18	0.00	78.51	0.00	0.00	0.00
68	8.64	0.00	70.98	0.00	0.00	0.00
69	8.01	0.00	74.51	0.00	0.00	0.00
70	8.16	0.00	70.99	0.00	0.00	0.00
71	8.50	0.00	74.50	0.00	0.00	0.00
72	-8.02	0.00	75.35	0.00	0.00	0.00
73	-8.66	0.00	78.87	0.00	0.00	0.00
74	-8.51	0.00	75.36	0.00	0.00	0.00
75	-8.17	0.00	78.86	0.00	0.00	0.00

101 GLOBAL

1	0.01	0.00	40.15	0.00	0.00	0.00
2	0.00	0.00	34.78	0.00	0.00	0.00
3	-0.02	0.00	1.37	0.00	0.00	0.00
4	-0.04	0.00	2.90	0.00	0.00	0.00
5	-0.03	0.00	-0.09	0.00	0.00	0.00
6	0.02	0.00	0.20	0.00	0.00	0.00
7	-0.50	0.00	0.24	0.00	0.00	0.00
8	0.50	0.00	-0.24	0.00	0.00	0.00
9	-0.07	0.00	101.56	0.00	0.00	0.00
10	-0.02	0.00	101.82	0.00	0.00	0.00
11	-0.50	0.00	101.85	0.00	0.00	0.00
12	0.41	0.00	101.42	0.00	0.00	0.00
13	-0.08	0.00	101.68	0.00	0.00	0.00
14	-0.03	0.00	101.94	0.00	0.00	0.00
15	-0.50	0.00	101.98	0.00	0.00	0.00
16	0.40	0.00	101.55	0.00	0.00	0.00
17	-0.06	0.00	99.45	0.00	0.00	0.00
18	0.02	0.00	99.88	0.00	0.00	0.00
19	-0.77	0.00	99.94	0.00	0.00	0.00
20	0.74	0.00	99.23	0.00	0.00	0.00
21	-0.05	0.00	77.69	0.00	0.00	0.00
22	-0.01	0.00	77.87	0.00	0.00	0.00
23	-0.33	0.00	77.89	0.00	0.00	0.00
24	0.27	0.00	77.61	0.00	0.00	0.00
25	-0.05	0.00	77.78	0.00	0.00	0.00
26	-0.02	0.00	77.95	0.00	0.00	0.00
27	-0.33	0.00	77.98	0.00	0.00	0.00
28	0.27	0.00	77.69	0.00	0.00	0.00
29	-0.04	0.00	76.29	0.00	0.00	0.00
30	0.02	0.00	76.58	0.00	0.00	0.00

31	-0.51	0.00	76.62	0.00	0.00	0.00
32	0.49	0.00	76.14	0.00	0.00	0.00
33	0.01	0.00	74.93	0.00	0.00	0.00
34	0.01	0.00	75.51	0.00	0.00	0.00
35	0.01	0.00	74.91	0.00	0.00	0.00
36	0.02	0.00	74.97	0.00	0.00	0.00
37	-0.09	0.00	74.98	0.00	0.00	0.00
38	0.11	0.00	74.88	0.00	0.00	0.00
39	0.01	0.00	74.93	0.00	0.00	0.00
40	-1.07	0.00	-5.84	0.00	0.00	0.00
41	0.55	0.00	-5.88	0.00	0.00	0.00
42	-6.31	0.00	1.89	0.00	0.00	0.00
43	-8.29	0.00	2.26	0.00	0.00	0.00
44	-2.95	0.00	69.66	0.00	0.00	0.00
45	0.84	0.00	68.52	0.00	0.00	0.00
46	-3.54	0.00	69.77	0.00	0.00	0.00
47	1.43	0.00	68.41	0.00	0.00	0.00
48	-0.81	0.00	81.33	0.00	0.00	0.00
49	2.98	0.00	80.20	0.00	0.00	0.00
50	-1.40	0.00	81.45	0.00	0.00	0.00
51	3.57	0.00	80.09	0.00	0.00	0.00
52	-1.33	0.00	69.62	0.00	0.00	0.00
53	2.46	0.00	68.49	0.00	0.00	0.00
54	-1.92	0.00	69.73	0.00	0.00	0.00
55	3.05	0.00	68.37	0.00	0.00	0.00
56	-2.43	0.00	81.37	0.00	0.00	0.00
57	1.36	0.00	80.24	0.00	0.00	0.00
58	-3.03	0.00	81.48	0.00	0.00	0.00
59	1.95	0.00	80.13	0.00	0.00	0.00
60	-6.62	0.00	75.06	0.00	0.00	0.00
61	-5.98	0.00	78.57	0.00	0.00	0.00
62	-6.13	0.00	75.05	0.00	0.00	0.00
63	-6.46	0.00	78.58	0.00	0.00	0.00
64	6.01	0.00	71.29	0.00	0.00	0.00
65	6.65	0.00	74.79	0.00	0.00	0.00
66	6.49	0.00	71.28	0.00	0.00	0.00
67	6.16	0.00	74.81	0.00	0.00	0.00
68	-8.60	0.00	75.44	0.00	0.00	0.00
69	-7.96	0.00	78.94	0.00	0.00	0.00
70	-8.11	0.00	75.42	0.00	0.00	0.00
71	-8.44	0.00	78.95	0.00	0.00	0.00
72	7.98	0.00	70.92	0.00	0.00	0.00
73	8.63	0.00	74.42	0.00	0.00	0.00
74	8.47	0.00	70.91	0.00	0.00	0.00
75	8.14	0.00	74.43	0.00	0.00	0.00
102	GLOBAL					
1	-0.01	0.00	40.39	0.00	0.00	0.00
2	0.00	0.00	34.85	0.00	0.00	0.00
3	0.00	0.00	1.38	0.00	0.00	0.00
4	0.00	0.00	2.93	0.00	0.00	0.00

5	0.01	0.00	-0.12	0.00	0.00	0.00
6	0.00	0.00	0.22	0.00	0.00	0.00
7	0.07	0.00	0.60	0.00	0.00	0.00
8	-0.07	0.00	-0.60	0.00	0.00	0.00
9	-0.01	0.00	101.95	0.00	0.00	0.00
10	-0.02	0.00	102.26	0.00	0.00	0.00
11	0.05	0.00	102.61	0.00	0.00	0.00
12	-0.08	0.00	101.52	0.00	0.00	0.00
13	-0.01	0.00	102.08	0.00	0.00	0.00
14	-0.02	0.00	102.39	0.00	0.00	0.00
15	0.05	0.00	102.73	0.00	0.00	0.00
16	-0.08	0.00	101.65	0.00	0.00	0.00
17	-0.01	0.00	99.81	0.00	0.00	0.00
18	-0.02	0.00	100.33	0.00	0.00	0.00
19	0.09	0.00	100.90	0.00	0.00	0.00
20	-0.12	0.00	99.10	0.00	0.00	0.00
21	-0.01	0.00	78.00	0.00	0.00	0.00
22	-0.01	0.00	78.21	0.00	0.00	0.00
23	0.03	0.00	78.44	0.00	0.00	0.00
24	-0.05	0.00	77.71	0.00	0.00	0.00
25	-0.01	0.00	78.09	0.00	0.00	0.00
26	-0.01	0.00	78.29	0.00	0.00	0.00
27	0.03	0.00	78.52	0.00	0.00	0.00
28	-0.05	0.00	77.80	0.00	0.00	0.00
29	-0.01	0.00	76.57	0.00	0.00	0.00
30	-0.02	0.00	76.92	0.00	0.00	0.00
31	0.06	0.00	77.30	0.00	0.00	0.00
32	-0.08	0.00	76.10	0.00	0.00	0.00
33	-0.02	0.00	75.24	0.00	0.00	0.00
34	-0.01	0.00	75.82	0.00	0.00	0.00
35	-0.01	0.00	75.21	0.00	0.00	0.00
36	-0.02	0.00	75.28	0.00	0.00	0.00
37	0.00	0.00	75.36	0.00	0.00	0.00
38	-0.03	0.00	75.11	0.00	0.00	0.00
39	-0.02	0.00	75.24	0.00	0.00	0.00
40	0.17	0.00	-6.07	0.00	0.00	0.00
41	-0.04	0.00	-6.16	0.00	0.00	0.00
42	0.87	0.00	4.70	0.00	0.00	0.00
43	1.14	0.00	5.61	0.00	0.00	0.00
44	0.41	0.00	70.57	0.00	0.00	0.00
45	-0.11	0.00	67.75	0.00	0.00	0.00
46	0.49	0.00	70.85	0.00	0.00	0.00
47	-0.19	0.00	67.48	0.00	0.00	0.00
48	0.07	0.00	82.72	0.00	0.00	0.00
49	-0.45	0.00	79.90	0.00	0.00	0.00
50	0.16	0.00	82.99	0.00	0.00	0.00
51	-0.53	0.00	79.63	0.00	0.00	0.00
52	0.20	0.00	70.49	0.00	0.00	0.00
53	-0.32	0.00	67.67	0.00	0.00	0.00
54	0.28	0.00	70.76	0.00	0.00	0.00

	55	-0.40	0.00	67.40	0.00	0.00	0.00
	56	0.29	0.00	82.80	0.00	0.00	0.00
	57	-0.23	0.00	79.98	0.00	0.00	0.00
	58	0.37	0.00	83.07	0.00	0.00	0.00
	59	-0.31	0.00	79.71	0.00	0.00	0.00
	60	0.90	0.00	78.11	0.00	0.00	0.00
	61	0.80	0.00	81.75	0.00	0.00	0.00
	62	0.84	0.00	78.08	0.00	0.00	0.00
	63	0.86	0.00	81.78	0.00	0.00	0.00
	64	-0.83	0.00	68.72	0.00	0.00	0.00
	65	-0.93	0.00	72.36	0.00	0.00	0.00
	66	-0.89	0.00	68.69	0.00	0.00	0.00
	67	-0.87	0.00	72.39	0.00	0.00	0.00
	68	1.17	0.00	79.02	0.00	0.00	0.00
	69	1.07	0.00	82.66	0.00	0.00	0.00
	70	1.11	0.00	79.00	0.00	0.00	0.00
	71	1.13	0.00	82.69	0.00	0.00	0.00
	72	-1.10	0.00	67.81	0.00	0.00	0.00
	73	-1.20	0.00	71.45	0.00	0.00	0.00
	74	-1.16	0.00	67.78	0.00	0.00	0.00
	75	-1.14	0.00	71.47	0.00	0.00	0.00
103	GLOBAL						
	1	0.04	0.00	40.94	0.00	0.00	0.00
	2	0.02	0.00	35.00	0.00	0.00	0.00
	3	0.00	0.00	1.41	0.00	0.00	0.00
	4	0.01	0.00	2.98	0.00	0.00	0.00
	5	-0.01	0.00	-0.18	0.00	0.00	0.00
	6	0.01	0.00	0.26	0.00	0.00	0.00
	7	0.00	0.00	0.97	0.00	0.00	0.00
	8	0.00	0.00	-0.97	0.00	0.00	0.00
	9	0.07	0.00	102.92	0.00	0.00	0.00
	10	0.09	0.00	103.31	0.00	0.00	0.00
	11	0.08	0.00	103.95	0.00	0.00	0.00
	12	0.08	0.00	102.21	0.00	0.00	0.00
	13	0.07	0.00	103.05	0.00	0.00	0.00
	14	0.08	0.00	103.44	0.00	0.00	0.00
	15	0.08	0.00	104.08	0.00	0.00	0.00
	16	0.08	0.00	102.34	0.00	0.00	0.00
	17	0.06	0.00	100.70	0.00	0.00	0.00
	18	0.08	0.00	101.36	0.00	0.00	0.00
	19	0.08	0.00	102.42	0.00	0.00	0.00
	20	0.07	0.00	99.52	0.00	0.00	0.00
	21	0.06	0.00	78.74	0.00	0.00	0.00
	22	0.06	0.00	79.00	0.00	0.00	0.00
	23	0.06	0.00	79.42	0.00	0.00	0.00
	24	0.06	0.00	78.26	0.00	0.00	0.00
	25	0.06	0.00	78.82	0.00	0.00	0.00
	26	0.06	0.00	79.09	0.00	0.00	0.00
	27	0.06	0.00	79.51	0.00	0.00	0.00
	28	0.06	0.00	78.35	0.00	0.00	0.00

29	0.05	0.00	77.26	0.00	0.00	0.00
30	0.06	0.00	77.70	0.00	0.00	0.00
31	0.06	0.00	78.40	0.00	0.00	0.00
32	0.05	0.00	76.47	0.00	0.00	0.00
33	0.05	0.00	75.95	0.00	0.00	0.00
34	0.05	0.00	76.54	0.00	0.00	0.00
35	0.05	0.00	75.91	0.00	0.00	0.00
36	0.05	0.00	76.00	0.00	0.00	0.00
37	0.05	0.00	76.14	0.00	0.00	0.00
38	0.05	0.00	75.75	0.00	0.00	0.00
39	0.05	0.00	75.95	0.00	0.00	0.00
40	-0.08	0.00	-6.53	0.00	0.00	0.00
41	-0.13	0.00	-6.65	0.00	0.00	0.00
42	0.05	0.00	7.49	0.00	0.00	0.00
43	0.07	0.00	8.93	0.00	0.00	0.00
44	-0.01	0.00	71.67	0.00	0.00	0.00
45	-0.04	0.00	67.17	0.00	0.00	0.00
46	-0.01	0.00	72.10	0.00	0.00	0.00
47	-0.05	0.00	66.74	0.00	0.00	0.00
48	0.15	0.00	84.72	0.00	0.00	0.00
49	0.12	0.00	80.23	0.00	0.00	0.00
50	0.15	0.00	85.15	0.00	0.00	0.00
51	0.11	0.00	79.79	0.00	0.00	0.00
52	-0.06	0.00	71.54	0.00	0.00	0.00
53	-0.09	0.00	67.05	0.00	0.00	0.00
54	-0.06	0.00	71.97	0.00	0.00	0.00
55	-0.10	0.00	66.62	0.00	0.00	0.00
56	0.20	0.00	84.84	0.00	0.00	0.00
57	0.17	0.00	80.35	0.00	0.00	0.00
58	0.20	0.00	85.28	0.00	0.00	0.00
59	0.16	0.00	79.92	0.00	0.00	0.00
60	0.07	0.00	81.48	0.00	0.00	0.00
61	0.12	0.00	85.39	0.00	0.00	0.00
62	0.06	0.00	81.44	0.00	0.00	0.00
63	0.14	0.00	85.43	0.00	0.00	0.00
64	-0.02	0.00	66.50	0.00	0.00	0.00
65	0.03	0.00	70.42	0.00	0.00	0.00
66	-0.03	0.00	66.46	0.00	0.00	0.00
67	0.05	0.00	70.45	0.00	0.00	0.00
68	0.10	0.00	82.92	0.00	0.00	0.00
69	0.15	0.00	86.83	0.00	0.00	0.00
70	0.08	0.00	82.88	0.00	0.00	0.00
71	0.16	0.00	86.87	0.00	0.00	0.00
72	-0.04	0.00	65.06	0.00	0.00	0.00
73	0.01	0.00	68.97	0.00	0.00	0.00
74	-0.05	0.00	65.02	0.00	0.00	0.00
75	0.02	0.00	69.01	0.00	0.00	0.00
1	-0.14	0.00	41.85	0.00	0.00	0.00
2	-0.06	0.00	35.23	0.00	0.00	0.00

3	-0.02	0.00	1.46	0.00	0.00	0.00
4	-0.03	0.00	3.09	0.00	0.00	0.00
5	0.02	0.00	-0.24	0.00	0.00	0.00
6	-0.02	0.00	0.31	0.00	0.00	0.00
7	-0.08	0.00	1.36	0.00	0.00	0.00
8	0.08	0.00	-1.36	0.00	0.00	0.00
9	-0.29	0.00	104.49	0.00	0.00	0.00
10	-0.32	0.00	104.98	0.00	0.00	0.00
11	-0.38	0.00	105.93	0.00	0.00	0.00
12	-0.23	0.00	103.49	0.00	0.00	0.00
13	-0.28	0.00	104.62	0.00	0.00	0.00
14	-0.32	0.00	105.12	0.00	0.00	0.00
15	-0.38	0.00	106.06	0.00	0.00	0.00
16	-0.23	0.00	103.62	0.00	0.00	0.00
17	-0.25	0.00	102.16	0.00	0.00	0.00
18	-0.31	0.00	102.99	0.00	0.00	0.00
19	-0.40	0.00	104.56	0.00	0.00	0.00
20	-0.16	0.00	100.49	0.00	0.00	0.00
21	-0.22	0.00	79.94	0.00	0.00	0.00
22	-0.24	0.00	80.27	0.00	0.00	0.00
23	-0.28	0.00	80.90	0.00	0.00	0.00
24	-0.18	0.00	79.27	0.00	0.00	0.00
25	-0.22	0.00	80.02	0.00	0.00	0.00
26	-0.24	0.00	80.36	0.00	0.00	0.00
27	-0.28	0.00	80.99	0.00	0.00	0.00
28	-0.18	0.00	79.36	0.00	0.00	0.00
29	-0.19	0.00	78.38	0.00	0.00	0.00
30	-0.23	0.00	78.93	0.00	0.00	0.00
31	-0.29	0.00	79.98	0.00	0.00	0.00
32	-0.13	0.00	77.27	0.00	0.00	0.00
33	-0.20	0.00	77.08	0.00	0.00	0.00
34	-0.20	0.00	77.70	0.00	0.00	0.00
35	-0.19	0.00	77.03	0.00	0.00	0.00
36	-0.20	0.00	77.14	0.00	0.00	0.00
37	-0.21	0.00	77.35	0.00	0.00	0.00
38	-0.18	0.00	76.81	0.00	0.00	0.00
39	-0.20	0.00	77.08	0.00	0.00	0.00
40	0.15	0.00	-7.15	0.00	0.00	0.00
41	0.56	0.00	-7.33	0.00	0.00	0.00
42	-1.05	0.00	10.52	0.00	0.00	0.00
43	-1.41	0.00	12.55	0.00	0.00	0.00
44	-0.36	0.00	73.09	0.00	0.00	0.00
45	0.27	0.00	66.77	0.00	0.00	0.00
46	-0.47	0.00	73.69	0.00	0.00	0.00
47	0.38	0.00	66.16	0.00	0.00	0.00
48	-0.66	0.00	87.39	0.00	0.00	0.00
49	-0.03	0.00	81.08	0.00	0.00	0.00
50	-0.77	0.00	88.00	0.00	0.00	0.00
51	0.07	0.00	80.47	0.00	0.00	0.00
52	0.05	0.00	72.91	0.00	0.00	0.00

53	0.68	0.00	66.60	0.00	0.00	0.00
54	-0.06	0.00	73.52	0.00	0.00	0.00
55	0.79	0.00	65.99	0.00	0.00	0.00
56	-1.07	0.00	87.57	0.00	0.00	0.00
57	-0.44	0.00	81.25	0.00	0.00	0.00
58	-1.18	0.00	88.18	0.00	0.00	0.00
59	-0.34	0.00	80.65	0.00	0.00	0.00
60	-1.20	0.00	85.46	0.00	0.00	0.00
61	-1.29	0.00	89.75	0.00	0.00	0.00
62	-1.08	0.00	85.40	0.00	0.00	0.00
63	-1.41	0.00	89.80	0.00	0.00	0.00
64	0.90	0.00	64.41	0.00	0.00	0.00
65	0.80	0.00	68.71	0.00	0.00	0.00
66	1.02	0.00	64.36	0.00	0.00	0.00
67	0.68	0.00	68.76	0.00	0.00	0.00
68	-1.56	0.00	87.48	0.00	0.00	0.00
69	-1.65	0.00	91.78	0.00	0.00	0.00
70	-1.44	0.00	87.43	0.00	0.00	0.00
71	-1.78	0.00	91.83	0.00	0.00	0.00
72	1.26	0.00	62.39	0.00	0.00	0.00
73	1.17	0.00	66.68	0.00	0.00	0.00
74	1.38	0.00	62.33	0.00	0.00	0.00
75	1.04	0.00	66.73	0.00	0.00	0.00

105 GLOBAL

1	0.92	0.00	43.02	0.00	0.00	0.00
2	0.40	0.00	35.53	0.00	0.00	0.00
3	0.11	0.00	1.52	0.00	0.00	0.00
4	0.21	0.00	3.23	0.00	0.00	0.00
5	-0.14	0.00	-0.32	0.00	0.00	0.00
6	0.13	0.00	0.36	0.00	0.00	0.00
7	0.57	0.00	1.80	0.00	0.00	0.00
8	-0.57	0.00	-1.79	0.00	0.00	0.00
9	1.92	0.00	106.55	0.00	0.00	0.00
10	2.16	0.00	107.16	0.00	0.00	0.00
11	2.55	0.00	108.45	0.00	0.00	0.00
12	1.53	0.00	105.22	0.00	0.00	0.00
13	1.91	0.00	106.69	0.00	0.00	0.00
14	2.15	0.00	107.30	0.00	0.00	0.00
15	2.55	0.00	108.59	0.00	0.00	0.00
16	1.52	0.00	105.36	0.00	0.00	0.00
17	1.67	0.00	104.07	0.00	0.00	0.00
18	2.07	0.00	105.09	0.00	0.00	0.00
19	2.73	0.00	107.25	0.00	0.00	0.00
20	1.02	0.00	101.85	0.00	0.00	0.00
21	1.45	0.00	81.51	0.00	0.00	0.00
22	1.61	0.00	81.91	0.00	0.00	0.00
23	1.88	0.00	82.78	0.00	0.00	0.00
24	1.20	0.00	80.62	0.00	0.00	0.00
25	1.45	0.00	81.60	0.00	0.00	0.00
26	1.61	0.00	82.01	0.00	0.00	0.00

27	1.88	0.00	82.87	0.00	0.00	0.00
28	1.19	0.00	80.71	0.00	0.00	0.00
29	1.29	0.00	79.86	0.00	0.00	0.00
30	1.55	0.00	80.54	0.00	0.00	0.00
31	2.00	0.00	81.97	0.00	0.00	0.00
32	0.86	0.00	78.38	0.00	0.00	0.00
33	1.32	0.00	78.56	0.00	0.00	0.00
34	1.36	0.00	79.20	0.00	0.00	0.00
35	1.29	0.00	78.49	0.00	0.00	0.00
36	1.35	0.00	78.63	0.00	0.00	0.00
37	1.44	0.00	78.92	0.00	0.00	0.00
38	1.21	0.00	78.20	0.00	0.00	0.00
39	1.32	0.00	78.56	0.00	0.00	0.00
40	-0.94	0.00	-7.87	0.00	0.00	0.00
41	-3.79	0.00	-8.13	0.00	0.00	0.00
42	7.45	0.00	14.02	0.00	0.00	0.00
43	10.01	0.00	16.75	0.00	0.00	0.00
44	2.62	0.00	74.89	0.00	0.00	0.00
45	-1.85	0.00	66.48	0.00	0.00	0.00
46	3.38	0.00	75.71	0.00	0.00	0.00
47	-2.62	0.00	65.66	0.00	0.00	0.00
48	4.50	0.00	90.64	0.00	0.00	0.00
49	0.03	0.00	82.22	0.00	0.00	0.00
50	5.26	0.00	91.45	0.00	0.00	0.00
51	-0.74	0.00	81.40	0.00	0.00	0.00
52	-0.24	0.00	74.64	0.00	0.00	0.00
53	-4.71	0.00	66.22	0.00	0.00	0.00
54	0.53	0.00	75.45	0.00	0.00	0.00
55	-5.47	0.00	65.41	0.00	0.00	0.00
56	7.35	0.00	90.89	0.00	0.00	0.00
57	2.88	0.00	82.48	0.00	0.00	0.00
58	8.12	0.00	91.71	0.00	0.00	0.00
59	2.11	0.00	81.66	0.00	0.00	0.00
60	8.49	0.00	90.22	0.00	0.00	0.00
61	9.05	0.00	94.94	0.00	0.00	0.00
62	7.63	0.00	90.14	0.00	0.00	0.00
63	9.91	0.00	95.02	0.00	0.00	0.00
64	-6.41	0.00	62.17	0.00	0.00	0.00
65	-5.85	0.00	66.90	0.00	0.00	0.00
66	-7.27	0.00	62.10	0.00	0.00	0.00
67	-4.99	0.00	66.97	0.00	0.00	0.00
68	11.05	0.00	92.94	0.00	0.00	0.00
69	11.61	0.00	97.66	0.00	0.00	0.00
70	10.19	0.00	92.86	0.00	0.00	0.00
71	12.47	0.00	97.74	0.00	0.00	0.00
72	-8.97	0.00	59.45	0.00	0.00	0.00
73	-8.40	0.00	64.17	0.00	0.00	0.00
74	-9.82	0.00	59.37	0.00	0.00	0.00
75	-7.55	0.00	64.25	0.00	0.00	0.00

1	0.00	0.00	34.17	0.00	0.00	0.00
2	0.00	0.00	29.86	0.00	0.00	0.00
3	0.00	0.00	1.35	0.00	0.00	0.00
4	0.00	0.00	2.64	0.00	0.00	0.00
5	0.00	0.00	-0.12	0.00	0.00	0.00
6	0.00	0.00	0.10	0.00	0.00	0.00
7	0.00	0.00	-0.51	0.00	0.00	0.00
8	0.00	0.00	0.53	0.00	0.00	0.00
9	0.00	0.00	87.14	0.00	0.00	0.00
10	0.00	0.00	87.34	0.00	0.00	0.00
11	0.00	0.00	86.79	0.00	0.00	0.00
12	0.00	0.00	87.72	0.00	0.00	0.00
13	0.00	0.00	87.10	0.00	0.00	0.00
14	0.00	0.00	87.29	0.00	0.00	0.00
15	0.00	0.00	86.75	0.00	0.00	0.00
16	0.00	0.00	87.68	0.00	0.00	0.00
17	0.00	0.00	85.04	0.00	0.00	0.00
18	0.00	0.00	85.37	0.00	0.00	0.00
19	0.00	0.00	84.46	0.00	0.00	0.00
20	0.00	0.00	86.01	0.00	0.00	0.00
21	0.00	0.00	66.63	0.00	0.00	0.00
22	0.00	0.00	66.76	0.00	0.00	0.00
23	0.00	0.00	66.40	0.00	0.00	0.00
24	0.00	0.00	67.02	0.00	0.00	0.00
25	0.00	0.00	66.60	0.00	0.00	0.00
26	0.00	0.00	66.73	0.00	0.00	0.00
27	0.00	0.00	66.37	0.00	0.00	0.00
28	0.00	0.00	66.99	0.00	0.00	0.00
29	0.00	0.00	65.23	0.00	0.00	0.00
30	0.00	0.00	65.45	0.00	0.00	0.00
31	0.00	0.00	64.85	0.00	0.00	0.00
32	0.00	0.00	65.88	0.00	0.00	0.00
33	0.00	0.00	64.03	0.00	0.00	0.00
34	0.00	0.00	64.56	0.00	0.00	0.00
35	0.00	0.00	64.01	0.00	0.00	0.00
36	0.00	0.00	64.05	0.00	0.00	0.00
37	0.00	0.00	63.93	0.00	0.00	0.00
38	0.00	0.00	64.14	0.00	0.00	0.00
39	0.00	0.00	64.03	0.00	0.00	0.00
40	0.00	0.00	-1.84	0.00	0.00	0.00
41	0.00	0.00	-2.08	0.00	0.00	0.00
42	0.00	0.00	-5.81	0.00	0.00	0.00
43	0.00	0.00	-6.71	0.00	0.00	0.00
44	0.00	0.00	60.45	0.00	0.00	0.00
45	0.00	0.00	63.93	0.00	0.00	0.00
46	0.00	0.00	60.17	0.00	0.00	0.00
47	0.00	0.00	64.20	0.00	0.00	0.00
48	0.00	0.00	64.13	0.00	0.00	0.00
49	0.00	0.00	67.61	0.00	0.00	0.00
50	0.00	0.00	63.86	0.00	0.00	0.00

51	0.00	0.00	67.88	0.00	0.00	0.00
52	0.00	0.00	60.21	0.00	0.00	0.00
53	0.00	0.00	63.70	0.00	0.00	0.00
54	0.00	0.00	59.94	0.00	0.00	0.00
55	0.00	0.00	63.97	0.00	0.00	0.00
56	0.00	0.00	64.36	0.00	0.00	0.00
57	0.00	0.00	67.85	0.00	0.00	0.00
58	0.00	0.00	64.09	0.00	0.00	0.00
59	0.00	0.00	68.12	0.00	0.00	0.00
60	0.00	0.00	57.67	0.00	0.00	0.00
61	0.00	0.00	58.77	0.00	0.00	0.00
62	0.00	0.00	57.60	0.00	0.00	0.00
63	0.00	0.00	58.84	0.00	0.00	0.00
64	0.00	0.00	69.29	0.00	0.00	0.00
65	0.00	0.00	70.39	0.00	0.00	0.00
66	0.00	0.00	69.22	0.00	0.00	0.00
67	0.00	0.00	70.46	0.00	0.00	0.00
68	0.00	0.00	56.76	0.00	0.00	0.00
69	0.00	0.00	57.87	0.00	0.00	0.00
70	0.00	0.00	56.69	0.00	0.00	0.00
71	0.00	0.00	57.94	0.00	0.00	0.00
72	0.00	0.00	70.19	0.00	0.00	0.00
73	0.00	0.00	71.30	0.00	0.00	0.00
74	0.00	0.00	70.12	0.00	0.00	0.00
75	0.00	0.00	71.37	0.00	0.00	0.00

107

GLOBAL

1	0.00	0.00	33.65	0.00	0.00	0.00
2	0.00	0.00	29.75	0.00	0.00	0.00
3	0.00	0.00	1.35	0.00	0.00	0.00
4	0.00	0.00	2.60	0.00	0.00	0.00
5	0.00	0.00	-0.11	0.00	0.00	0.00
6	0.00	0.00	0.09	0.00	0.00	0.00
7	0.00	0.00	-0.39	0.00	0.00	0.00
8	0.00	0.00	0.39	0.00	0.00	0.00
9	0.00	0.00	86.30	0.00	0.00	0.00
10	0.00	0.00	86.48	0.00	0.00	0.00
11	0.00	0.00	86.05	0.00	0.00	0.00
12	0.00	0.00	86.75	0.00	0.00	0.00
13	0.00	0.00	86.22	0.00	0.00	0.00
14	0.00	0.00	86.40	0.00	0.00	0.00
15	0.00	0.00	85.97	0.00	0.00	0.00
16	0.00	0.00	86.68	0.00	0.00	0.00
17	0.00	0.00	84.21	0.00	0.00	0.00
18	0.00	0.00	84.50	0.00	0.00	0.00
19	0.00	0.00	83.79	0.00	0.00	0.00
20	0.00	0.00	84.96	0.00	0.00	0.00
21	0.00	0.00	65.99	0.00	0.00	0.00
22	0.00	0.00	66.10	0.00	0.00	0.00
23	0.00	0.00	65.82	0.00	0.00	0.00
24	0.00	0.00	66.29	0.00	0.00	0.00

25	0.00	0.00	65.94	0.00	0.00	0.00
26	0.00	0.00	66.05	0.00	0.00	0.00
27	0.00	0.00	65.77	0.00	0.00	0.00
28	0.00	0.00	66.24	0.00	0.00	0.00
29	0.00	0.00	64.59	0.00	0.00	0.00
30	0.00	0.00	64.79	0.00	0.00	0.00
31	0.00	0.00	64.31	0.00	0.00	0.00
32	0.00	0.00	65.10	0.00	0.00	0.00
33	0.00	0.00	63.40	0.00	0.00	0.00
34	0.00	0.00	63.92	0.00	0.00	0.00
35	0.00	0.00	63.38	0.00	0.00	0.00
36	0.00	0.00	63.42	0.00	0.00	0.00
37	0.00	0.00	63.32	0.00	0.00	0.00
38	0.00	0.00	63.48	0.00	0.00	0.00
39	0.00	0.00	63.40	0.00	0.00	0.00
40	0.00	0.00	-1.55	0.00	0.00	0.00
41	0.00	0.00	-1.73	0.00	0.00	0.00
42	0.00	0.00	-4.42	0.00	0.00	0.00
43	0.00	0.00	-5.11	0.00	0.00	0.00
44	0.00	0.00	60.53	0.00	0.00	0.00
45	0.00	0.00	63.18	0.00	0.00	0.00
46	0.00	0.00	60.32	0.00	0.00	0.00
47	0.00	0.00	63.39	0.00	0.00	0.00
48	0.00	0.00	63.62	0.00	0.00	0.00
49	0.00	0.00	66.28	0.00	0.00	0.00
50	0.00	0.00	63.42	0.00	0.00	0.00
51	0.00	0.00	66.48	0.00	0.00	0.00
52	0.00	0.00	60.35	0.00	0.00	0.00
53	0.00	0.00	63.00	0.00	0.00	0.00
54	0.00	0.00	60.14	0.00	0.00	0.00
55	0.00	0.00	63.21	0.00	0.00	0.00
56	0.00	0.00	63.81	0.00	0.00	0.00
57	0.00	0.00	66.46	0.00	0.00	0.00
58	0.00	0.00	63.60	0.00	0.00	0.00
59	0.00	0.00	66.67	0.00	0.00	0.00
60	0.00	0.00	58.52	0.00	0.00	0.00
61	0.00	0.00	59.44	0.00	0.00	0.00
62	0.00	0.00	58.46	0.00	0.00	0.00
63	0.00	0.00	59.50	0.00	0.00	0.00
64	0.00	0.00	67.36	0.00	0.00	0.00
65	0.00	0.00	68.29	0.00	0.00	0.00
66	0.00	0.00	67.31	0.00	0.00	0.00
67	0.00	0.00	68.35	0.00	0.00	0.00
68	0.00	0.00	57.83	0.00	0.00	0.00
69	0.00	0.00	58.76	0.00	0.00	0.00
70	0.00	0.00	57.77	0.00	0.00	0.00
71	0.00	0.00	58.81	0.00	0.00	0.00
72	0.00	0.00	68.05	0.00	0.00	0.00
73	0.00	0.00	68.98	0.00	0.00	0.00
74	0.00	0.00	67.99	0.00	0.00	0.00

108	GLOBAL	75	0.00	0.00	69.03	0.00	0.00	0.00
		1	0.00	0.00	33.37	0.00	0.00	0.00
		2	0.00	0.00	29.72	0.00	0.00	0.00
		3	0.00	0.00	1.36	0.00	0.00	0.00
		4	0.00	0.00	2.58	0.00	0.00	0.00
		5	0.00	0.00	-0.10	0.00	0.00	0.00
		6	0.00	0.00	0.07	0.00	0.00	0.00
		7	0.00	0.00	-0.30	0.00	0.00	0.00
		8	0.00	0.00	0.28	0.00	0.00	0.00
		9	0.00	0.00	85.90	0.00	0.00	0.00
		10	0.00	0.00	86.06	0.00	0.00	0.00
		11	0.00	0.00	85.73	0.00	0.00	0.00
		12	0.00	0.00	86.24	0.00	0.00	0.00
		13	0.00	0.00	85.79	0.00	0.00	0.00
		14	0.00	0.00	85.95	0.00	0.00	0.00
		15	0.00	0.00	85.62	0.00	0.00	0.00
		16	0.00	0.00	86.13	0.00	0.00	0.00
		17	0.00	0.00	83.79	0.00	0.00	0.00
		18	0.00	0.00	84.06	0.00	0.00	0.00
		19	0.00	0.00	83.50	0.00	0.00	0.00
		20	0.00	0.00	84.36	0.00	0.00	0.00
		21	0.00	0.00	65.68	0.00	0.00	0.00
		22	0.00	0.00	65.78	0.00	0.00	0.00
		23	0.00	0.00	65.56	0.00	0.00	0.00
		24	0.00	0.00	65.91	0.00	0.00	0.00
		25	0.00	0.00	65.60	0.00	0.00	0.00
		26	0.00	0.00	65.71	0.00	0.00	0.00
		27	0.00	0.00	65.49	0.00	0.00	0.00
		28	0.00	0.00	65.83	0.00	0.00	0.00
		29	0.00	0.00	64.27	0.00	0.00	0.00
		30	0.00	0.00	64.45	0.00	0.00	0.00
		31	0.00	0.00	64.08	0.00	0.00	0.00
		32	0.00	0.00	64.65	0.00	0.00	0.00
		33	0.00	0.00	63.08	0.00	0.00	0.00
		34	0.00	0.00	63.60	0.00	0.00	0.00
		35	0.00	0.00	63.06	0.00	0.00	0.00
		36	0.00	0.00	63.10	0.00	0.00	0.00
		37	0.00	0.00	63.02	0.00	0.00	0.00
		38	0.00	0.00	63.14	0.00	0.00	0.00
		39	0.00	0.00	63.08	0.00	0.00	0.00
		40	0.00	0.00	-1.30	0.00	0.00	0.00
		41	0.00	0.00	-1.43	0.00	0.00	0.00
		42	0.00	0.00	-3.21	0.00	0.00	0.00
		43	0.00	0.00	-3.70	0.00	0.00	0.00
		44	0.00	0.00	60.82	0.00	0.00	0.00
		45	0.00	0.00	62.75	0.00	0.00	0.00
		46	0.00	0.00	60.67	0.00	0.00	0.00
		47	0.00	0.00	62.90	0.00	0.00	0.00
		48	0.00	0.00	63.42	0.00	0.00	0.00

49	0.00	0.00	65.34	0.00	0.00	0.00
50	0.00	0.00	63.27	0.00	0.00	0.00
51	0.00	0.00	65.49	0.00	0.00	0.00
52	0.00	0.00	60.69	0.00	0.00	0.00
53	0.00	0.00	62.61	0.00	0.00	0.00
54	0.00	0.00	60.54	0.00	0.00	0.00
55	0.00	0.00	62.76	0.00	0.00	0.00
56	0.00	0.00	63.55	0.00	0.00	0.00
57	0.00	0.00	65.48	0.00	0.00	0.00
58	0.00	0.00	63.40	0.00	0.00	0.00
59	0.00	0.00	65.63	0.00	0.00	0.00
60	0.00	0.00	59.49	0.00	0.00	0.00
61	0.00	0.00	60.27	0.00	0.00	0.00
62	0.00	0.00	59.45	0.00	0.00	0.00
63	0.00	0.00	60.31	0.00	0.00	0.00
64	0.00	0.00	65.90	0.00	0.00	0.00
65	0.00	0.00	66.68	0.00	0.00	0.00
66	0.00	0.00	65.86	0.00	0.00	0.00
67	0.00	0.00	66.72	0.00	0.00	0.00
68	0.00	0.00	58.99	0.00	0.00	0.00
69	0.00	0.00	59.77	0.00	0.00	0.00
70	0.00	0.00	58.95	0.00	0.00	0.00
71	0.00	0.00	59.81	0.00	0.00	0.00
72	0.00	0.00	66.40	0.00	0.00	0.00
73	0.00	0.00	67.18	0.00	0.00	0.00
74	0.00	0.00	66.36	0.00	0.00	0.00
75	0.00	0.00	67.22	0.00	0.00	0.00

109 GLOBAL

1	0.00	0.00	33.30	0.00	0.00	0.00
2	0.00	0.00	29.75	0.00	0.00	0.00
3	0.00	0.00	1.39	0.00	0.00	0.00
4	0.00	0.00	2.59	0.00	0.00	0.00
5	0.00	0.00	-0.10	0.00	0.00	0.00
6	0.00	0.00	0.07	0.00	0.00	0.00
7	0.00	0.00	-0.20	0.00	0.00	0.00
8	0.00	0.00	0.17	0.00	0.00	0.00
9	0.00	0.00	85.91	0.00	0.00	0.00
10	0.00	0.00	86.06	0.00	0.00	0.00
11	0.00	0.00	85.82	0.00	0.00	0.00
12	0.00	0.00	86.16	0.00	0.00	0.00
13	0.00	0.00	85.78	0.00	0.00	0.00
14	0.00	0.00	85.93	0.00	0.00	0.00
15	0.00	0.00	85.68	0.00	0.00	0.00
16	0.00	0.00	86.02	0.00	0.00	0.00
17	0.00	0.00	83.77	0.00	0.00	0.00
18	0.00	0.00	84.02	0.00	0.00	0.00
19	0.00	0.00	83.61	0.00	0.00	0.00
20	0.00	0.00	84.18	0.00	0.00	0.00
21	0.00	0.00	65.68	0.00	0.00	0.00
22	0.00	0.00	65.78	0.00	0.00	0.00

23	0.00	0.00	65.62	0.00	0.00	0.00
24	0.00	0.00	65.84	0.00	0.00	0.00
25	0.00	0.00	65.59	0.00	0.00	0.00
26	0.00	0.00	65.69	0.00	0.00	0.00
27	0.00	0.00	65.53	0.00	0.00	0.00
28	0.00	0.00	65.75	0.00	0.00	0.00
29	0.00	0.00	64.26	0.00	0.00	0.00
30	0.00	0.00	64.42	0.00	0.00	0.00
31	0.00	0.00	64.15	0.00	0.00	0.00
32	0.00	0.00	64.53	0.00	0.00	0.00
33	0.00	0.00	63.06	0.00	0.00	0.00
34	0.00	0.00	63.58	0.00	0.00	0.00
35	0.00	0.00	63.04	0.00	0.00	0.00
36	0.00	0.00	63.07	0.00	0.00	0.00
37	0.00	0.00	63.02	0.00	0.00	0.00
38	0.00	0.00	63.09	0.00	0.00	0.00
39	0.00	0.00	63.06	0.00	0.00	0.00
40	0.00	0.00	-1.12	0.00	0.00	0.00
41	0.00	0.00	-1.20	0.00	0.00	0.00
42	0.00	0.00	-2.05	0.00	0.00	0.00
43	0.00	0.00	-2.37	0.00	0.00	0.00
44	0.00	0.00	61.32	0.00	0.00	0.00
45	0.00	0.00	62.55	0.00	0.00	0.00
46	0.00	0.00	61.23	0.00	0.00	0.00
47	0.00	0.00	62.65	0.00	0.00	0.00
48	0.00	0.00	63.56	0.00	0.00	0.00
49	0.00	0.00	64.79	0.00	0.00	0.00
50	0.00	0.00	63.46	0.00	0.00	0.00
51	0.00	0.00	64.89	0.00	0.00	0.00
52	0.00	0.00	61.24	0.00	0.00	0.00
53	0.00	0.00	62.47	0.00	0.00	0.00
54	0.00	0.00	61.14	0.00	0.00	0.00
55	0.00	0.00	62.56	0.00	0.00	0.00
56	0.00	0.00	63.64	0.00	0.00	0.00
57	0.00	0.00	64.88	0.00	0.00	0.00
58	0.00	0.00	63.55	0.00	0.00	0.00
59	0.00	0.00	64.97	0.00	0.00	0.00
60	0.00	0.00	60.67	0.00	0.00	0.00
61	0.00	0.00	61.34	0.00	0.00	0.00
62	0.00	0.00	60.64	0.00	0.00	0.00
63	0.00	0.00	61.37	0.00	0.00	0.00
64	0.00	0.00	64.77	0.00	0.00	0.00
65	0.00	0.00	65.44	0.00	0.00	0.00
66	0.00	0.00	64.75	0.00	0.00	0.00
67	0.00	0.00	65.47	0.00	0.00	0.00
68	0.00	0.00	60.35	0.00	0.00	0.00
69	0.00	0.00	61.02	0.00	0.00	0.00
70	0.00	0.00	60.32	0.00	0.00	0.00
71	0.00	0.00	61.05	0.00	0.00	0.00
72	0.00	0.00	65.09	0.00	0.00	0.00

	73	0.00	0.00	65.76	0.00	0.00	0.00
	74	0.00	0.00	65.07	0.00	0.00	0.00
	75	0.00	0.00	65.79	0.00	0.00	0.00
110	GLOBAL						
	1	0.00	0.00	33.37	0.00	0.00	0.00
	2	0.00	0.00	29.82	0.00	0.00	0.00
	3	0.00	0.00	1.41	0.00	0.00	0.00
	4	0.00	0.00	2.62	0.00	0.00	0.00
	5	0.00	0.00	-0.10	0.00	0.00	0.00
	6	0.00	0.00	0.06	0.00	0.00	0.00
	7	0.00	0.00	-0.10	0.00	0.00	0.00
	8	0.00	0.00	0.06	0.00	0.00	0.00
	9	0.00	0.00	86.13	0.00	0.00	0.00
	10	0.00	0.00	86.27	0.00	0.00	0.00
	11	0.00	0.00	86.13	0.00	0.00	0.00
	12	0.00	0.00	86.27	0.00	0.00	0.00
	13	0.00	0.00	85.98	0.00	0.00	0.00
	14	0.00	0.00	86.12	0.00	0.00	0.00
	15	0.00	0.00	85.98	0.00	0.00	0.00
	16	0.00	0.00	86.12	0.00	0.00	0.00
	17	0.00	0.00	83.96	0.00	0.00	0.00
	18	0.00	0.00	84.20	0.00	0.00	0.00
	19	0.00	0.00	83.95	0.00	0.00	0.00
	20	0.00	0.00	84.19	0.00	0.00	0.00
	21	0.00	0.00	65.84	0.00	0.00	0.00
	22	0.00	0.00	65.94	0.00	0.00	0.00
	23	0.00	0.00	65.84	0.00	0.00	0.00
	24	0.00	0.00	65.94	0.00	0.00	0.00
	25	0.00	0.00	65.74	0.00	0.00	0.00
	26	0.00	0.00	65.84	0.00	0.00	0.00
	27	0.00	0.00	65.74	0.00	0.00	0.00
	28	0.00	0.00	65.84	0.00	0.00	0.00
	29	0.00	0.00	64.40	0.00	0.00	0.00
	30	0.00	0.00	64.56	0.00	0.00	0.00
	31	0.00	0.00	64.39	0.00	0.00	0.00
	32	0.00	0.00	64.55	0.00	0.00	0.00
	33	0.00	0.00	63.18	0.00	0.00	0.00
	34	0.00	0.00	63.71	0.00	0.00	0.00
	35	0.00	0.00	63.17	0.00	0.00	0.00
	36	0.00	0.00	63.20	0.00	0.00	0.00
	37	0.00	0.00	63.16	0.00	0.00	0.00
	38	0.00	0.00	63.20	0.00	0.00	0.00
	39	0.00	0.00	63.18	0.00	0.00	0.00
	40	0.00	0.00	-1.03	0.00	0.00	0.00
	41	0.00	0.00	-1.06	0.00	0.00	0.00
	42	0.00	0.00	-0.83	0.00	0.00	0.00
	43	0.00	0.00	-0.96	0.00	0.00	0.00
	44	0.00	0.00	61.91	0.00	0.00	0.00
	45	0.00	0.00	62.41	0.00	0.00	0.00
	46	0.00	0.00	61.87	0.00	0.00	0.00

47	0.00	0.00	62.44	0.00	0.00	0.00
48	0.00	0.00	63.96	0.00	0.00	0.00
49	0.00	0.00	64.46	0.00	0.00	0.00
50	0.00	0.00	63.92	0.00	0.00	0.00
51	0.00	0.00	64.50	0.00	0.00	0.00
52	0.00	0.00	61.87	0.00	0.00	0.00
53	0.00	0.00	62.37	0.00	0.00	0.00
54	0.00	0.00	61.83	0.00	0.00	0.00
55	0.00	0.00	62.41	0.00	0.00	0.00
56	0.00	0.00	64.00	0.00	0.00	0.00
57	0.00	0.00	64.50	0.00	0.00	0.00
58	0.00	0.00	63.96	0.00	0.00	0.00
59	0.00	0.00	64.54	0.00	0.00	0.00
60	0.00	0.00	62.04	0.00	0.00	0.00
61	0.00	0.00	62.66	0.00	0.00	0.00
62	0.00	0.00	62.03	0.00	0.00	0.00
63	0.00	0.00	62.67	0.00	0.00	0.00
64	0.00	0.00	63.71	0.00	0.00	0.00
65	0.00	0.00	64.33	0.00	0.00	0.00
66	0.00	0.00	63.70	0.00	0.00	0.00
67	0.00	0.00	64.34	0.00	0.00	0.00
68	0.00	0.00	61.91	0.00	0.00	0.00
69	0.00	0.00	62.53	0.00	0.00	0.00
70	0.00	0.00	61.90	0.00	0.00	0.00
71	0.00	0.00	62.54	0.00	0.00	0.00
72	0.00	0.00	63.84	0.00	0.00	0.00
73	0.00	0.00	64.46	0.00	0.00	0.00
74	0.00	0.00	63.83	0.00	0.00	0.00
75	0.00	0.00	64.47	0.00	0.00	0.00

111 GLOBAL

1	0.00	0.00	33.37	0.00	0.00	0.00
2	0.00	0.00	29.82	0.00	0.00	0.00
3	0.00	0.00	1.41	0.00	0.00	0.00
4	0.00	0.00	2.62	0.00	0.00	0.00
5	0.00	0.00	-0.10	0.00	0.00	0.00
6	0.00	0.00	0.06	0.00	0.00	0.00
7	0.00	0.00	0.06	0.00	0.00	0.00
8	0.00	0.00	-0.10	0.00	0.00	0.00
9	0.00	0.00	86.13	0.00	0.00	0.00
10	0.00	0.00	86.27	0.00	0.00	0.00
11	0.00	0.00	86.27	0.00	0.00	0.00
12	0.00	0.00	86.13	0.00	0.00	0.00
13	0.00	0.00	85.98	0.00	0.00	0.00
14	0.00	0.00	86.12	0.00	0.00	0.00
15	0.00	0.00	86.12	0.00	0.00	0.00
16	0.00	0.00	85.97	0.00	0.00	0.00
17	0.00	0.00	83.96	0.00	0.00	0.00
18	0.00	0.00	84.20	0.00	0.00	0.00
19	0.00	0.00	84.19	0.00	0.00	0.00
20	0.00	0.00	83.95	0.00	0.00	0.00

21	0.00	0.00	65.84	0.00	0.00	0.00
22	0.00	0.00	65.94	0.00	0.00	0.00
23	0.00	0.00	65.94	0.00	0.00	0.00
24	0.00	0.00	65.84	0.00	0.00	0.00
25	0.00	0.00	65.74	0.00	0.00	0.00
26	0.00	0.00	65.84	0.00	0.00	0.00
27	0.00	0.00	65.84	0.00	0.00	0.00
28	0.00	0.00	65.74	0.00	0.00	0.00
29	0.00	0.00	64.40	0.00	0.00	0.00
30	0.00	0.00	64.56	0.00	0.00	0.00
31	0.00	0.00	64.55	0.00	0.00	0.00
32	0.00	0.00	64.39	0.00	0.00	0.00
33	0.00	0.00	63.18	0.00	0.00	0.00
34	0.00	0.00	63.71	0.00	0.00	0.00
35	0.00	0.00	63.17	0.00	0.00	0.00
36	0.00	0.00	63.20	0.00	0.00	0.00
37	0.00	0.00	63.20	0.00	0.00	0.00
38	0.00	0.00	63.16	0.00	0.00	0.00
39	0.00	0.00	63.18	0.00	0.00	0.00
40	0.00	0.00	-1.06	0.00	0.00	0.00
41	0.00	0.00	-1.03	0.00	0.00	0.00
42	0.00	0.00	0.84	0.00	0.00	0.00
43	0.00	0.00	0.97	0.00	0.00	0.00
44	0.00	0.00	62.37	0.00	0.00	0.00
45	0.00	0.00	61.87	0.00	0.00	0.00
46	0.00	0.00	62.41	0.00	0.00	0.00
47	0.00	0.00	61.83	0.00	0.00	0.00
48	0.00	0.00	64.50	0.00	0.00	0.00
49	0.00	0.00	64.00	0.00	0.00	0.00
50	0.00	0.00	64.54	0.00	0.00	0.00
51	0.00	0.00	63.96	0.00	0.00	0.00
52	0.00	0.00	62.41	0.00	0.00	0.00
53	0.00	0.00	61.90	0.00	0.00	0.00
54	0.00	0.00	62.45	0.00	0.00	0.00
55	0.00	0.00	61.86	0.00	0.00	0.00
56	0.00	0.00	64.47	0.00	0.00	0.00
57	0.00	0.00	63.96	0.00	0.00	0.00
58	0.00	0.00	64.51	0.00	0.00	0.00
59	0.00	0.00	63.92	0.00	0.00	0.00
60	0.00	0.00	63.70	0.00	0.00	0.00
61	0.00	0.00	64.34	0.00	0.00	0.00
62	0.00	0.00	63.72	0.00	0.00	0.00
63	0.00	0.00	64.33	0.00	0.00	0.00
64	0.00	0.00	62.03	0.00	0.00	0.00
65	0.00	0.00	62.66	0.00	0.00	0.00
66	0.00	0.00	62.04	0.00	0.00	0.00
67	0.00	0.00	62.65	0.00	0.00	0.00
68	0.00	0.00	63.84	0.00	0.00	0.00
69	0.00	0.00	64.48	0.00	0.00	0.00
70	0.00	0.00	63.85	0.00	0.00	0.00

	71	0.00	0.00	64.46	0.00	0.00	0.00
	72	0.00	0.00	61.89	0.00	0.00	0.00
	73	0.00	0.00	62.53	0.00	0.00	0.00
	74	0.00	0.00	61.90	0.00	0.00	0.00
	75	0.00	0.00	62.52	0.00	0.00	0.00
112	GLOBAL						
	1	0.00	0.00	33.30	0.00	0.00	0.00
	2	0.00	0.00	29.75	0.00	0.00	0.00
	3	0.00	0.00	1.39	0.00	0.00	0.00
	4	0.00	0.00	2.59	0.00	0.00	0.00
	5	0.00	0.00	-0.10	0.00	0.00	0.00
	6	0.00	0.00	0.07	0.00	0.00	0.00
	7	0.00	0.00	0.17	0.00	0.00	0.00
	8	0.00	0.00	-0.20	0.00	0.00	0.00
	9	0.00	0.00	85.91	0.00	0.00	0.00
	10	0.00	0.00	86.06	0.00	0.00	0.00
	11	0.00	0.00	86.16	0.00	0.00	0.00
	12	0.00	0.00	85.82	0.00	0.00	0.00
	13	0.00	0.00	85.78	0.00	0.00	0.00
	14	0.00	0.00	85.93	0.00	0.00	0.00
	15	0.00	0.00	86.02	0.00	0.00	0.00
	16	0.00	0.00	85.68	0.00	0.00	0.00
	17	0.00	0.00	83.77	0.00	0.00	0.00
	18	0.00	0.00	84.02	0.00	0.00	0.00
	19	0.00	0.00	84.18	0.00	0.00	0.00
	20	0.00	0.00	83.61	0.00	0.00	0.00
	21	0.00	0.00	65.68	0.00	0.00	0.00
	22	0.00	0.00	65.78	0.00	0.00	0.00
	23	0.00	0.00	65.84	0.00	0.00	0.00
	24	0.00	0.00	65.62	0.00	0.00	0.00
	25	0.00	0.00	65.59	0.00	0.00	0.00
	26	0.00	0.00	65.69	0.00	0.00	0.00
	27	0.00	0.00	65.75	0.00	0.00	0.00
	28	0.00	0.00	65.53	0.00	0.00	0.00
	29	0.00	0.00	64.26	0.00	0.00	0.00
	30	0.00	0.00	64.42	0.00	0.00	0.00
	31	0.00	0.00	64.53	0.00	0.00	0.00
	32	0.00	0.00	64.15	0.00	0.00	0.00
	33	0.00	0.00	63.06	0.00	0.00	0.00
	34	0.00	0.00	63.58	0.00	0.00	0.00
	35	0.00	0.00	63.04	0.00	0.00	0.00
	36	0.00	0.00	63.07	0.00	0.00	0.00
	37	0.00	0.00	63.09	0.00	0.00	0.00
	38	0.00	0.00	63.02	0.00	0.00	0.00
	39	0.00	0.00	63.06	0.00	0.00	0.00
	40	0.00	0.00	-1.20	0.00	0.00	0.00
	41	0.00	0.00	-1.12	0.00	0.00	0.00
	42	0.00	0.00	2.06	0.00	0.00	0.00
	43	0.00	0.00	2.38	0.00	0.00	0.00
	44	0.00	0.00	62.47	0.00	0.00	0.00

45	0.00	0.00	61.24	0.00	0.00	0.00
46	0.00	0.00	62.57	0.00	0.00	0.00
47	0.00	0.00	61.14	0.00	0.00	0.00
48	0.00	0.00	64.88	0.00	0.00	0.00
49	0.00	0.00	63.64	0.00	0.00	0.00
50	0.00	0.00	64.97	0.00	0.00	0.00
51	0.00	0.00	63.55	0.00	0.00	0.00
52	0.00	0.00	62.56	0.00	0.00	0.00
53	0.00	0.00	61.32	0.00	0.00	0.00
54	0.00	0.00	62.65	0.00	0.00	0.00
55	0.00	0.00	61.23	0.00	0.00	0.00
56	0.00	0.00	64.79	0.00	0.00	0.00
57	0.00	0.00	63.56	0.00	0.00	0.00
58	0.00	0.00	64.89	0.00	0.00	0.00
59	0.00	0.00	63.46	0.00	0.00	0.00
60	0.00	0.00	64.75	0.00	0.00	0.00
61	0.00	0.00	65.47	0.00	0.00	0.00
62	0.00	0.00	64.78	0.00	0.00	0.00
63	0.00	0.00	65.45	0.00	0.00	0.00
64	0.00	0.00	60.64	0.00	0.00	0.00
65	0.00	0.00	61.36	0.00	0.00	0.00
66	0.00	0.00	60.67	0.00	0.00	0.00
67	0.00	0.00	61.34	0.00	0.00	0.00
68	0.00	0.00	65.07	0.00	0.00	0.00
69	0.00	0.00	65.79	0.00	0.00	0.00
70	0.00	0.00	65.10	0.00	0.00	0.00
71	0.00	0.00	65.77	0.00	0.00	0.00
72	0.00	0.00	60.32	0.00	0.00	0.00
73	0.00	0.00	61.04	0.00	0.00	0.00
74	0.00	0.00	60.34	0.00	0.00	0.00
75	0.00	0.00	61.01	0.00	0.00	0.00

113 GLOBAL

1	0.00	0.00	33.37	0.00	0.00	0.00
2	0.00	0.00	29.72	0.00	0.00	0.00
3	0.00	0.00	1.36	0.00	0.00	0.00
4	0.00	0.00	2.58	0.00	0.00	0.00
5	0.00	0.00	-0.10	0.00	0.00	0.00
6	0.00	0.00	0.07	0.00	0.00	0.00
7	0.00	0.00	0.28	0.00	0.00	0.00
8	0.00	0.00	-0.30	0.00	0.00	0.00
9	0.00	0.00	85.90	0.00	0.00	0.00
10	0.00	0.00	86.06	0.00	0.00	0.00
11	0.00	0.00	86.24	0.00	0.00	0.00
12	0.00	0.00	85.73	0.00	0.00	0.00
13	0.00	0.00	85.79	0.00	0.00	0.00
14	0.00	0.00	85.95	0.00	0.00	0.00
15	0.00	0.00	86.13	0.00	0.00	0.00
16	0.00	0.00	85.62	0.00	0.00	0.00
17	0.00	0.00	83.79	0.00	0.00	0.00
18	0.00	0.00	84.06	0.00	0.00	0.00

19	0.00	0.00	84.36	0.00	0.00	0.00
20	0.00	0.00	83.50	0.00	0.00	0.00
21	0.00	0.00	65.68	0.00	0.00	0.00
22	0.00	0.00	65.78	0.00	0.00	0.00
23	0.00	0.00	65.91	0.00	0.00	0.00
24	0.00	0.00	65.56	0.00	0.00	0.00
25	0.00	0.00	65.60	0.00	0.00	0.00
26	0.00	0.00	65.71	0.00	0.00	0.00
27	0.00	0.00	65.83	0.00	0.00	0.00
28	0.00	0.00	65.49	0.00	0.00	0.00
29	0.00	0.00	64.27	0.00	0.00	0.00
30	0.00	0.00	64.45	0.00	0.00	0.00
31	0.00	0.00	64.65	0.00	0.00	0.00
32	0.00	0.00	64.08	0.00	0.00	0.00
33	0.00	0.00	63.08	0.00	0.00	0.00
34	0.00	0.00	63.60	0.00	0.00	0.00
35	0.00	0.00	63.06	0.00	0.00	0.00
36	0.00	0.00	63.10	0.00	0.00	0.00
37	0.00	0.00	63.14	0.00	0.00	0.00
38	0.00	0.00	63.02	0.00	0.00	0.00
39	0.00	0.00	63.08	0.00	0.00	0.00
40	0.00	0.00	-1.43	0.00	0.00	0.00
41	0.00	0.00	-1.30	0.00	0.00	0.00
42	0.00	0.00	3.21	0.00	0.00	0.00
43	0.00	0.00	3.71	0.00	0.00	0.00
44	0.00	0.00	62.61	0.00	0.00	0.00
45	0.00	0.00	60.69	0.00	0.00	0.00
46	0.00	0.00	62.76	0.00	0.00	0.00
47	0.00	0.00	60.54	0.00	0.00	0.00
48	0.00	0.00	65.48	0.00	0.00	0.00
49	0.00	0.00	63.55	0.00	0.00	0.00
50	0.00	0.00	65.63	0.00	0.00	0.00
51	0.00	0.00	63.40	0.00	0.00	0.00
52	0.00	0.00	62.75	0.00	0.00	0.00
53	0.00	0.00	60.82	0.00	0.00	0.00
54	0.00	0.00	62.90	0.00	0.00	0.00
55	0.00	0.00	60.67	0.00	0.00	0.00
56	0.00	0.00	65.34	0.00	0.00	0.00
57	0.00	0.00	63.42	0.00	0.00	0.00
58	0.00	0.00	65.49	0.00	0.00	0.00
59	0.00	0.00	63.27	0.00	0.00	0.00
60	0.00	0.00	65.86	0.00	0.00	0.00
61	0.00	0.00	66.72	0.00	0.00	0.00
62	0.00	0.00	65.90	0.00	0.00	0.00
63	0.00	0.00	66.68	0.00	0.00	0.00
64	0.00	0.00	59.45	0.00	0.00	0.00
65	0.00	0.00	60.30	0.00	0.00	0.00
66	0.00	0.00	59.49	0.00	0.00	0.00
67	0.00	0.00	60.26	0.00	0.00	0.00
68	0.00	0.00	66.36	0.00	0.00	0.00

	69	0.00	0.00	67.22	0.00	0.00	0.00
	70	0.00	0.00	66.40	0.00	0.00	0.00
	71	0.00	0.00	67.18	0.00	0.00	0.00
	72	0.00	0.00	58.95	0.00	0.00	0.00
	73	0.00	0.00	59.81	0.00	0.00	0.00
	74	0.00	0.00	58.99	0.00	0.00	0.00
	75	0.00	0.00	59.76	0.00	0.00	0.00
114	GLOBAL						
	1	0.00	0.00	33.65	0.00	0.00	0.00
	2	0.00	0.00	29.75	0.00	0.00	0.00
	3	0.00	0.00	1.35	0.00	0.00	0.00
	4	0.00	0.00	2.60	0.00	0.00	0.00
	5	0.00	0.00	-0.11	0.00	0.00	0.00
	6	0.00	0.00	0.09	0.00	0.00	0.00
	7	0.00	0.00	0.39	0.00	0.00	0.00
	8	0.00	0.00	-0.39	0.00	0.00	0.00
	9	0.00	0.00	86.30	0.00	0.00	0.00
	10	0.00	0.00	86.48	0.00	0.00	0.00
	11	0.00	0.00	86.75	0.00	0.00	0.00
	12	0.00	0.00	86.05	0.00	0.00	0.00
	13	0.00	0.00	86.22	0.00	0.00	0.00
	14	0.00	0.00	86.40	0.00	0.00	0.00
	15	0.00	0.00	86.68	0.00	0.00	0.00
	16	0.00	0.00	85.97	0.00	0.00	0.00
	17	0.00	0.00	84.21	0.00	0.00	0.00
	18	0.00	0.00	84.50	0.00	0.00	0.00
	19	0.00	0.00	84.96	0.00	0.00	0.00
	20	0.00	0.00	83.79	0.00	0.00	0.00
	21	0.00	0.00	65.99	0.00	0.00	0.00
	22	0.00	0.00	66.10	0.00	0.00	0.00
	23	0.00	0.00	66.29	0.00	0.00	0.00
	24	0.00	0.00	65.82	0.00	0.00	0.00
	25	0.00	0.00	65.94	0.00	0.00	0.00
	26	0.00	0.00	66.05	0.00	0.00	0.00
	27	0.00	0.00	66.24	0.00	0.00	0.00
	28	0.00	0.00	65.77	0.00	0.00	0.00
	29	0.00	0.00	64.59	0.00	0.00	0.00
	30	0.00	0.00	64.79	0.00	0.00	0.00
	31	0.00	0.00	65.10	0.00	0.00	0.00
	32	0.00	0.00	64.31	0.00	0.00	0.00
	33	0.00	0.00	63.40	0.00	0.00	0.00
	34	0.00	0.00	63.92	0.00	0.00	0.00
	35	0.00	0.00	63.38	0.00	0.00	0.00
	36	0.00	0.00	63.42	0.00	0.00	0.00
	37	0.00	0.00	63.48	0.00	0.00	0.00
	38	0.00	0.00	63.32	0.00	0.00	0.00
	39	0.00	0.00	63.40	0.00	0.00	0.00
	40	0.00	0.00	-1.73	0.00	0.00	0.00
	41	0.00	0.00	-1.55	0.00	0.00	0.00
	42	0.00	0.00	4.42	0.00	0.00	0.00

43	0.00	0.00	5.11	0.00	0.00	0.00
44	0.00	0.00	63.00	0.00	0.00	0.00
45	0.00	0.00	60.35	0.00	0.00	0.00
46	0.00	0.00	63.20	0.00	0.00	0.00
47	0.00	0.00	60.14	0.00	0.00	0.00
48	0.00	0.00	66.46	0.00	0.00	0.00
49	0.00	0.00	63.81	0.00	0.00	0.00
50	0.00	0.00	66.67	0.00	0.00	0.00
51	0.00	0.00	63.60	0.00	0.00	0.00
52	0.00	0.00	63.18	0.00	0.00	0.00
53	0.00	0.00	60.53	0.00	0.00	0.00
54	0.00	0.00	63.39	0.00	0.00	0.00
55	0.00	0.00	60.32	0.00	0.00	0.00
56	0.00	0.00	66.28	0.00	0.00	0.00
57	0.00	0.00	63.62	0.00	0.00	0.00
58	0.00	0.00	66.48	0.00	0.00	0.00
59	0.00	0.00	63.42	0.00	0.00	0.00
60	0.00	0.00	67.30	0.00	0.00	0.00
61	0.00	0.00	68.34	0.00	0.00	0.00
62	0.00	0.00	67.36	0.00	0.00	0.00
63	0.00	0.00	68.29	0.00	0.00	0.00
64	0.00	0.00	58.46	0.00	0.00	0.00
65	0.00	0.00	59.50	0.00	0.00	0.00
66	0.00	0.00	58.52	0.00	0.00	0.00
67	0.00	0.00	59.45	0.00	0.00	0.00
68	0.00	0.00	67.99	0.00	0.00	0.00
69	0.00	0.00	69.03	0.00	0.00	0.00
70	0.00	0.00	68.05	0.00	0.00	0.00
71	0.00	0.00	68.97	0.00	0.00	0.00
72	0.00	0.00	57.78	0.00	0.00	0.00
73	0.00	0.00	58.82	0.00	0.00	0.00
74	0.00	0.00	57.83	0.00	0.00	0.00
75	0.00	0.00	58.76	0.00	0.00	0.00

115

GLOBAL

1	0.00	0.00	34.17	0.00	0.00	0.00
2	0.00	0.00	29.86	0.00	0.00	0.00
3	0.00	0.00	1.35	0.00	0.00	0.00
4	0.00	0.00	2.64	0.00	0.00	0.00
5	0.00	0.00	-0.12	0.00	0.00	0.00
6	0.00	0.00	0.10	0.00	0.00	0.00
7	0.00	0.00	0.53	0.00	0.00	0.00
8	0.00	0.00	-0.50	0.00	0.00	0.00
9	0.00	0.00	87.14	0.00	0.00	0.00
10	0.00	0.00	87.34	0.00	0.00	0.00
11	0.00	0.00	87.72	0.00	0.00	0.00
12	0.00	0.00	86.79	0.00	0.00	0.00
13	0.00	0.00	87.10	0.00	0.00	0.00
14	0.00	0.00	87.29	0.00	0.00	0.00
15	0.00	0.00	87.68	0.00	0.00	0.00
16	0.00	0.00	86.75	0.00	0.00	0.00

17	0.00	0.00	85.04	0.00	0.00	0.00
18	0.00	0.00	85.37	0.00	0.00	0.00
19	0.00	0.00	86.01	0.00	0.00	0.00
20	0.00	0.00	84.46	0.00	0.00	0.00
21	0.00	0.00	66.63	0.00	0.00	0.00
22	0.00	0.00	66.76	0.00	0.00	0.00
23	0.00	0.00	67.02	0.00	0.00	0.00
24	0.00	0.00	66.40	0.00	0.00	0.00
25	0.00	0.00	66.60	0.00	0.00	0.00
26	0.00	0.00	66.73	0.00	0.00	0.00
27	0.00	0.00	66.99	0.00	0.00	0.00
28	0.00	0.00	66.37	0.00	0.00	0.00
29	0.00	0.00	65.23	0.00	0.00	0.00
30	0.00	0.00	65.45	0.00	0.00	0.00
31	0.00	0.00	65.88	0.00	0.00	0.00
32	0.00	0.00	64.85	0.00	0.00	0.00
33	0.00	0.00	64.03	0.00	0.00	0.00
34	0.00	0.00	64.56	0.00	0.00	0.00
35	0.00	0.00	64.01	0.00	0.00	0.00
36	0.00	0.00	64.05	0.00	0.00	0.00
37	0.00	0.00	64.14	0.00	0.00	0.00
38	0.00	0.00	63.93	0.00	0.00	0.00
39	0.00	0.00	64.03	0.00	0.00	0.00
40	0.00	0.00	-2.08	0.00	0.00	0.00
41	0.00	0.00	-1.84	0.00	0.00	0.00
42	0.00	0.00	5.80	0.00	0.00	0.00
43	0.00	0.00	6.70	0.00	0.00	0.00
44	0.00	0.00	63.69	0.00	0.00	0.00
45	0.00	0.00	60.21	0.00	0.00	0.00
46	0.00	0.00	63.96	0.00	0.00	0.00
47	0.00	0.00	59.94	0.00	0.00	0.00
48	0.00	0.00	67.85	0.00	0.00	0.00
49	0.00	0.00	64.37	0.00	0.00	0.00
50	0.00	0.00	68.12	0.00	0.00	0.00
51	0.00	0.00	64.10	0.00	0.00	0.00
52	0.00	0.00	63.93	0.00	0.00	0.00
53	0.00	0.00	60.45	0.00	0.00	0.00
54	0.00	0.00	64.20	0.00	0.00	0.00
55	0.00	0.00	60.18	0.00	0.00	0.00
56	0.00	0.00	67.61	0.00	0.00	0.00
57	0.00	0.00	64.13	0.00	0.00	0.00
58	0.00	0.00	67.88	0.00	0.00	0.00
59	0.00	0.00	63.86	0.00	0.00	0.00
60	0.00	0.00	69.21	0.00	0.00	0.00
61	0.00	0.00	70.45	0.00	0.00	0.00
62	0.00	0.00	69.28	0.00	0.00	0.00
63	0.00	0.00	70.38	0.00	0.00	0.00
64	0.00	0.00	57.61	0.00	0.00	0.00
65	0.00	0.00	58.85	0.00	0.00	0.00
66	0.00	0.00	57.68	0.00	0.00	0.00

	67	0.00	0.00	58.78	0.00	0.00	0.00
	68	0.00	0.00	70.11	0.00	0.00	0.00
	69	0.00	0.00	71.36	0.00	0.00	0.00
	70	0.00	0.00	70.18	0.00	0.00	0.00
	71	0.00	0.00	71.28	0.00	0.00	0.00
	72	0.00	0.00	56.70	0.00	0.00	0.00
	73	0.00	0.00	57.95	0.00	0.00	0.00
	74	0.00	0.00	56.77	0.00	0.00	0.00
	75	0.00	0.00	57.88	0.00	0.00	0.00
116	GLOBAL						
	1	0.00	0.00	33.97	0.00	0.00	0.00
	2	0.00	0.00	30.16	0.00	0.00	0.00
	3	0.00	0.00	1.38	0.00	0.00	0.00
	4	0.00	0.00	2.64	0.00	0.00	0.00
	5	0.00	0.00	-0.01	0.00	0.00	0.00
	6	0.00	0.00	-0.01	0.00	0.00	0.00
	7	0.00	0.00	-0.31	0.00	0.00	0.00
	8	0.00	0.00	0.33	0.00	0.00	0.00
	9	0.00	0.00	87.41	0.00	0.00	0.00
	10	0.00	0.00	87.41	0.00	0.00	0.00
	11	0.00	0.00	87.14	0.00	0.00	0.00
	12	0.00	0.00	87.72	0.00	0.00	0.00
	13	0.00	0.00	87.32	0.00	0.00	0.00
	14	0.00	0.00	87.32	0.00	0.00	0.00
	15	0.00	0.00	87.05	0.00	0.00	0.00
	16	0.00	0.00	87.63	0.00	0.00	0.00
	17	0.00	0.00	85.33	0.00	0.00	0.00
	18	0.00	0.00	85.33	0.00	0.00	0.00
	19	0.00	0.00	84.89	0.00	0.00	0.00
	20	0.00	0.00	85.85	0.00	0.00	0.00
	21	0.00	0.00	66.82	0.00	0.00	0.00
	22	0.00	0.00	66.82	0.00	0.00	0.00
	23	0.00	0.00	66.64	0.00	0.00	0.00
	24	0.00	0.00	67.03	0.00	0.00	0.00
	25	0.00	0.00	66.76	0.00	0.00	0.00
	26	0.00	0.00	66.76	0.00	0.00	0.00
	27	0.00	0.00	66.59	0.00	0.00	0.00
	28	0.00	0.00	66.97	0.00	0.00	0.00
	29	0.00	0.00	65.44	0.00	0.00	0.00
	30	0.00	0.00	65.43	0.00	0.00	0.00
	31	0.00	0.00	65.14	0.00	0.00	0.00
	32	0.00	0.00	65.78	0.00	0.00	0.00
	33	0.00	0.00	64.13	0.00	0.00	0.00
	34	0.00	0.00	64.66	0.00	0.00	0.00
	35	0.00	0.00	64.13	0.00	0.00	0.00
	36	0.00	0.00	64.13	0.00	0.00	0.00
	37	0.00	0.00	64.07	0.00	0.00	0.00
	38	0.00	0.00	64.20	0.00	0.00	0.00
	39	0.00	0.00	64.13	0.00	0.00	0.00
	40	0.00	0.00	0.04	0.00	0.00	0.00

41	0.00	0.00	0.05	0.00	0.00	0.00
42	0.00	0.00	-4.50	0.00	0.00	0.00
43	0.00	0.00	-4.51	0.00	0.00	0.00
44	0.00	0.00	62.82	0.00	0.00	0.00
45	0.00	0.00	65.52	0.00	0.00	0.00
46	0.00	0.00	62.82	0.00	0.00	0.00
47	0.00	0.00	65.52	0.00	0.00	0.00
48	0.00	0.00	62.73	0.00	0.00	0.00
49	0.00	0.00	65.44	0.00	0.00	0.00
50	0.00	0.00	62.73	0.00	0.00	0.00
51	0.00	0.00	65.44	0.00	0.00	0.00
52	0.00	0.00	62.83	0.00	0.00	0.00
53	0.00	0.00	65.53	0.00	0.00	0.00
54	0.00	0.00	62.83	0.00	0.00	0.00
55	0.00	0.00	65.53	0.00	0.00	0.00
56	0.00	0.00	62.73	0.00	0.00	0.00
57	0.00	0.00	65.43	0.00	0.00	0.00
58	0.00	0.00	62.73	0.00	0.00	0.00
59	0.00	0.00	65.43	0.00	0.00	0.00
60	0.00	0.00	59.64	0.00	0.00	0.00
61	0.00	0.00	59.61	0.00	0.00	0.00
62	0.00	0.00	59.64	0.00	0.00	0.00
63	0.00	0.00	59.61	0.00	0.00	0.00
64	0.00	0.00	68.65	0.00	0.00	0.00
65	0.00	0.00	68.62	0.00	0.00	0.00
66	0.00	0.00	68.65	0.00	0.00	0.00
67	0.00	0.00	68.62	0.00	0.00	0.00
68	0.00	0.00	59.63	0.00	0.00	0.00
69	0.00	0.00	59.61	0.00	0.00	0.00
70	0.00	0.00	59.64	0.00	0.00	0.00
71	0.00	0.00	59.61	0.00	0.00	0.00
72	0.00	0.00	68.65	0.00	0.00	0.00
73	0.00	0.00	68.62	0.00	0.00	0.00
74	0.00	0.00	68.65	0.00	0.00	0.00
75	0.00	0.00	68.62	0.00	0.00	0.00

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GLOBAL

1	0.00	0.00	33.34	0.00	0.00	0.00
2	0.00	0.00	30.01	0.00	0.00	0.00
3	0.00	0.00	1.37	0.00	0.00	0.00
4	0.00	0.00	2.57	0.00	0.00	0.00
5	0.00	0.00	-0.01	0.00	0.00	0.00
6	0.00	0.00	-0.02	0.00	0.00	0.00
7	0.00	0.00	-0.24	0.00	0.00	0.00
8	0.00	0.00	0.24	0.00	0.00	0.00
9	0.00	0.00	86.32	0.00	0.00	0.00
10	0.00	0.00	86.31	0.00	0.00	0.00
11	0.00	0.00	86.11	0.00	0.00	0.00
12	0.00	0.00	86.55	0.00	0.00	0.00
13	0.00	0.00	86.19	0.00	0.00	0.00
14	0.00	0.00	86.19	0.00	0.00	0.00

15	0.00	0.00	85.99	0.00	0.00	0.00
16	0.00	0.00	86.42	0.00	0.00	0.00
17	0.00	0.00	84.26	0.00	0.00	0.00
18	0.00	0.00	84.25	0.00	0.00	0.00
19	0.00	0.00	83.91	0.00	0.00	0.00
20	0.00	0.00	84.64	0.00	0.00	0.00
21	0.00	0.00	65.99	0.00	0.00	0.00
22	0.00	0.00	65.99	0.00	0.00	0.00
23	0.00	0.00	65.85	0.00	0.00	0.00
24	0.00	0.00	66.14	0.00	0.00	0.00
25	0.00	0.00	65.91	0.00	0.00	0.00
26	0.00	0.00	65.91	0.00	0.00	0.00
27	0.00	0.00	65.77	0.00	0.00	0.00
28	0.00	0.00	66.06	0.00	0.00	0.00
29	0.00	0.00	64.62	0.00	0.00	0.00
30	0.00	0.00	64.61	0.00	0.00	0.00
31	0.00	0.00	64.39	0.00	0.00	0.00
32	0.00	0.00	64.87	0.00	0.00	0.00
33	0.00	0.00	63.34	0.00	0.00	0.00
34	0.00	0.00	63.86	0.00	0.00	0.00
35	0.00	0.00	63.34	0.00	0.00	0.00
36	0.00	0.00	63.34	0.00	0.00	0.00
37	0.00	0.00	63.29	0.00	0.00	0.00
38	0.00	0.00	63.39	0.00	0.00	0.00
39	0.00	0.00	63.34	0.00	0.00	0.00
40	0.00	0.00	0.04	0.00	0.00	0.00
41	0.00	0.00	0.04	0.00	0.00	0.00
42	0.00	0.00	-3.44	0.00	0.00	0.00
43	0.00	0.00	-3.44	0.00	0.00	0.00
44	0.00	0.00	62.35	0.00	0.00	0.00
45	0.00	0.00	64.41	0.00	0.00	0.00
46	0.00	0.00	62.35	0.00	0.00	0.00
47	0.00	0.00	64.41	0.00	0.00	0.00
48	0.00	0.00	62.27	0.00	0.00	0.00
49	0.00	0.00	64.33	0.00	0.00	0.00
50	0.00	0.00	62.27	0.00	0.00	0.00
51	0.00	0.00	64.34	0.00	0.00	0.00
52	0.00	0.00	62.35	0.00	0.00	0.00
53	0.00	0.00	64.42	0.00	0.00	0.00
54	0.00	0.00	62.35	0.00	0.00	0.00
55	0.00	0.00	64.42	0.00	0.00	0.00
56	0.00	0.00	62.27	0.00	0.00	0.00
57	0.00	0.00	64.33	0.00	0.00	0.00
58	0.00	0.00	62.27	0.00	0.00	0.00
59	0.00	0.00	64.33	0.00	0.00	0.00
60	0.00	0.00	59.92	0.00	0.00	0.00
61	0.00	0.00	59.89	0.00	0.00	0.00
62	0.00	0.00	59.92	0.00	0.00	0.00
63	0.00	0.00	59.89	0.00	0.00	0.00
64	0.00	0.00	66.79	0.00	0.00	0.00

	65	0.00	0.00	66.77	0.00	0.00	0.00
	66	0.00	0.00	66.79	0.00	0.00	0.00
	67	0.00	0.00	66.77	0.00	0.00	0.00
	68	0.00	0.00	59.91	0.00	0.00	0.00
	69	0.00	0.00	59.89	0.00	0.00	0.00
	70	0.00	0.00	59.91	0.00	0.00	0.00
	71	0.00	0.00	59.89	0.00	0.00	0.00
	72	0.00	0.00	66.79	0.00	0.00	0.00
	73	0.00	0.00	66.77	0.00	0.00	0.00
	74	0.00	0.00	66.80	0.00	0.00	0.00
	75	0.00	0.00	66.77	0.00	0.00	0.00
118	GLOBAL						
	1	0.00	0.00	32.92	0.00	0.00	0.00
	2	0.00	0.00	29.93	0.00	0.00	0.00
	3	0.00	0.00	1.37	0.00	0.00	0.00
	4	0.00	0.00	2.53	0.00	0.00	0.00
	5	0.00	0.00	-0.01	0.00	0.00	0.00
	6	0.00	0.00	-0.02	0.00	0.00	0.00
	7	0.00	0.00	-0.20	0.00	0.00	0.00
	8	0.00	0.00	0.18	0.00	0.00	0.00
	9	0.00	0.00	85.66	0.00	0.00	0.00
	10	0.00	0.00	85.65	0.00	0.00	0.00
	11	0.00	0.00	85.49	0.00	0.00	0.00
	12	0.00	0.00	85.83	0.00	0.00	0.00
	13	0.00	0.00	85.50	0.00	0.00	0.00
	14	0.00	0.00	85.50	0.00	0.00	0.00
	15	0.00	0.00	85.34	0.00	0.00	0.00
	16	0.00	0.00	85.67	0.00	0.00	0.00
	17	0.00	0.00	83.60	0.00	0.00	0.00
	18	0.00	0.00	83.59	0.00	0.00	0.00
	19	0.00	0.00	83.32	0.00	0.00	0.00
	20	0.00	0.00	83.88	0.00	0.00	0.00
	21	0.00	0.00	65.49	0.00	0.00	0.00
	22	0.00	0.00	65.48	0.00	0.00	0.00
	23	0.00	0.00	65.38	0.00	0.00	0.00
	24	0.00	0.00	65.60	0.00	0.00	0.00
	25	0.00	0.00	65.38	0.00	0.00	0.00
	26	0.00	0.00	65.38	0.00	0.00	0.00
	27	0.00	0.00	65.27	0.00	0.00	0.00
	28	0.00	0.00	65.50	0.00	0.00	0.00
	29	0.00	0.00	64.11	0.00	0.00	0.00
	30	0.00	0.00	64.11	0.00	0.00	0.00
	31	0.00	0.00	63.93	0.00	0.00	0.00
	32	0.00	0.00	64.30	0.00	0.00	0.00
	33	0.00	0.00	62.86	0.00	0.00	0.00
	34	0.00	0.00	63.37	0.00	0.00	0.00
	35	0.00	0.00	62.86	0.00	0.00	0.00
	36	0.00	0.00	62.86	0.00	0.00	0.00
	37	0.00	0.00	62.82	0.00	0.00	0.00
	38	0.00	0.00	62.89	0.00	0.00	0.00

39	0.00	0.00	62.86	0.00	0.00	0.00
40	0.00	0.00	0.04	0.00	0.00	0.00
41	0.00	0.00	0.04	0.00	0.00	0.00
42	0.00	0.00	-2.52	0.00	0.00	0.00
43	0.00	0.00	-2.52	0.00	0.00	0.00
44	0.00	0.00	62.14	0.00	0.00	0.00
45	0.00	0.00	63.65	0.00	0.00	0.00
46	0.00	0.00	62.14	0.00	0.00	0.00
47	0.00	0.00	63.65	0.00	0.00	0.00
48	0.00	0.00	62.07	0.00	0.00	0.00
49	0.00	0.00	63.58	0.00	0.00	0.00
50	0.00	0.00	62.07	0.00	0.00	0.00
51	0.00	0.00	63.58	0.00	0.00	0.00
52	0.00	0.00	62.14	0.00	0.00	0.00
53	0.00	0.00	63.65	0.00	0.00	0.00
54	0.00	0.00	62.14	0.00	0.00	0.00
55	0.00	0.00	63.66	0.00	0.00	0.00
56	0.00	0.00	62.06	0.00	0.00	0.00
57	0.00	0.00	63.58	0.00	0.00	0.00
58	0.00	0.00	62.06	0.00	0.00	0.00
59	0.00	0.00	63.58	0.00	0.00	0.00
60	0.00	0.00	60.35	0.00	0.00	0.00
61	0.00	0.00	60.33	0.00	0.00	0.00
62	0.00	0.00	60.35	0.00	0.00	0.00
63	0.00	0.00	60.32	0.00	0.00	0.00
64	0.00	0.00	65.39	0.00	0.00	0.00
65	0.00	0.00	65.37	0.00	0.00	0.00
66	0.00	0.00	65.39	0.00	0.00	0.00
67	0.00	0.00	65.37	0.00	0.00	0.00
68	0.00	0.00	60.34	0.00	0.00	0.00
69	0.00	0.00	60.32	0.00	0.00	0.00
70	0.00	0.00	60.35	0.00	0.00	0.00
71	0.00	0.00	60.32	0.00	0.00	0.00
72	0.00	0.00	65.39	0.00	0.00	0.00
73	0.00	0.00	65.37	0.00	0.00	0.00
74	0.00	0.00	65.40	0.00	0.00	0.00
75	0.00	0.00	65.37	0.00	0.00	0.00
119	GLOBAL					
1	0.00	0.00	32.75	0.00	0.00	0.00
2	0.00	0.00	29.94	0.00	0.00	0.00
3	0.00	0.00	1.38	0.00	0.00	0.00
4	0.00	0.00	2.52	0.00	0.00	0.00
5	0.00	0.00	-0.01	0.00	0.00	0.00
6	0.00	0.00	-0.02	0.00	0.00	0.00
7	0.00	0.00	-0.15	0.00	0.00	0.00
8	0.00	0.00	0.11	0.00	0.00	0.00
9	0.00	0.00	85.45	0.00	0.00	0.00
10	0.00	0.00	85.45	0.00	0.00	0.00
11	0.00	0.00	85.33	0.00	0.00	0.00
12	0.00	0.00	85.56	0.00	0.00	0.00

13	0.00	0.00	85.27	0.00	0.00	0.00
14	0.00	0.00	85.27	0.00	0.00	0.00
15	0.00	0.00	85.15	0.00	0.00	0.00
16	0.00	0.00	85.38	0.00	0.00	0.00
17	0.00	0.00	83.37	0.00	0.00	0.00
18	0.00	0.00	83.37	0.00	0.00	0.00
19	0.00	0.00	83.17	0.00	0.00	0.00
20	0.00	0.00	83.56	0.00	0.00	0.00
21	0.00	0.00	65.33	0.00	0.00	0.00
22	0.00	0.00	65.32	0.00	0.00	0.00
23	0.00	0.00	65.24	0.00	0.00	0.00
24	0.00	0.00	65.40	0.00	0.00	0.00
25	0.00	0.00	65.21	0.00	0.00	0.00
26	0.00	0.00	65.20	0.00	0.00	0.00
27	0.00	0.00	65.12	0.00	0.00	0.00
28	0.00	0.00	65.28	0.00	0.00	0.00
29	0.00	0.00	63.94	0.00	0.00	0.00
30	0.00	0.00	63.94	0.00	0.00	0.00
31	0.00	0.00	63.80	0.00	0.00	0.00
32	0.00	0.00	64.07	0.00	0.00	0.00
33	0.00	0.00	62.69	0.00	0.00	0.00
34	0.00	0.00	63.20	0.00	0.00	0.00
35	0.00	0.00	62.69	0.00	0.00	0.00
36	0.00	0.00	62.69	0.00	0.00	0.00
37	0.00	0.00	62.66	0.00	0.00	0.00
38	0.00	0.00	62.72	0.00	0.00	0.00
39	0.00	0.00	62.69	0.00	0.00	0.00
40	0.00	0.00	0.03	0.00	0.00	0.00
41	0.00	0.00	0.04	0.00	0.00	0.00
42	0.00	0.00	-1.65	0.00	0.00	0.00
43	0.00	0.00	-1.65	0.00	0.00	0.00
44	0.00	0.00	62.23	0.00	0.00	0.00
45	0.00	0.00	63.22	0.00	0.00	0.00
46	0.00	0.00	62.23	0.00	0.00	0.00
47	0.00	0.00	63.22	0.00	0.00	0.00
48	0.00	0.00	62.17	0.00	0.00	0.00
49	0.00	0.00	63.15	0.00	0.00	0.00
50	0.00	0.00	62.17	0.00	0.00	0.00
51	0.00	0.00	63.15	0.00	0.00	0.00
52	0.00	0.00	62.23	0.00	0.00	0.00
53	0.00	0.00	63.22	0.00	0.00	0.00
54	0.00	0.00	62.23	0.00	0.00	0.00
55	0.00	0.00	63.22	0.00	0.00	0.00
56	0.00	0.00	62.16	0.00	0.00	0.00
57	0.00	0.00	63.15	0.00	0.00	0.00
58	0.00	0.00	62.16	0.00	0.00	0.00
59	0.00	0.00	63.15	0.00	0.00	0.00
60	0.00	0.00	61.06	0.00	0.00	0.00
61	0.00	0.00	61.04	0.00	0.00	0.00
62	0.00	0.00	61.06	0.00	0.00	0.00

	63	0.00	0.00	61.03	0.00	0.00	0.00
	64	0.00	0.00	64.35	0.00	0.00	0.00
	65	0.00	0.00	64.33	0.00	0.00	0.00
	66	0.00	0.00	64.35	0.00	0.00	0.00
	67	0.00	0.00	64.33	0.00	0.00	0.00
	68	0.00	0.00	61.05	0.00	0.00	0.00
	69	0.00	0.00	61.03	0.00	0.00	0.00
	70	0.00	0.00	61.05	0.00	0.00	0.00
	71	0.00	0.00	61.03	0.00	0.00	0.00
	72	0.00	0.00	64.35	0.00	0.00	0.00
	73	0.00	0.00	64.33	0.00	0.00	0.00
	74	0.00	0.00	64.35	0.00	0.00	0.00
	75	0.00	0.00	64.33	0.00	0.00	0.00
120	GLOBAL						
	1	0.00	0.00	32.75	0.00	0.00	0.00
	2	0.00	0.00	29.98	0.00	0.00	0.00
	3	0.00	0.00	1.40	0.00	0.00	0.00
	4	0.00	0.00	2.53	0.00	0.00	0.00
	5	0.00	0.00	-0.01	0.00	0.00	0.00
	6	0.00	0.00	-0.02	0.00	0.00	0.00
	7	0.00	0.00	-0.08	0.00	0.00	0.00
	8	0.00	0.00	0.04	0.00	0.00	0.00
	9	0.00	0.00	85.53	0.00	0.00	0.00
	10	0.00	0.00	85.53	0.00	0.00	0.00
	11	0.00	0.00	85.47	0.00	0.00	0.00
	12	0.00	0.00	85.57	0.00	0.00	0.00
	13	0.00	0.00	85.33	0.00	0.00	0.00
	14	0.00	0.00	85.33	0.00	0.00	0.00
	15	0.00	0.00	85.27	0.00	0.00	0.00
	16	0.00	0.00	85.38	0.00	0.00	0.00
	17	0.00	0.00	83.43	0.00	0.00	0.00
	18	0.00	0.00	83.42	0.00	0.00	0.00
	19	0.00	0.00	83.32	0.00	0.00	0.00
	20	0.00	0.00	83.50	0.00	0.00	0.00
	21	0.00	0.00	65.38	0.00	0.00	0.00
	22	0.00	0.00	65.38	0.00	0.00	0.00
	23	0.00	0.00	65.34	0.00	0.00	0.00
	24	0.00	0.00	65.41	0.00	0.00	0.00
	25	0.00	0.00	65.25	0.00	0.00	0.00
	26	0.00	0.00	65.25	0.00	0.00	0.00
	27	0.00	0.00	65.21	0.00	0.00	0.00
	28	0.00	0.00	65.28	0.00	0.00	0.00
	29	0.00	0.00	63.98	0.00	0.00	0.00
	30	0.00	0.00	63.98	0.00	0.00	0.00
	31	0.00	0.00	63.91	0.00	0.00	0.00
	32	0.00	0.00	64.03	0.00	0.00	0.00
	33	0.00	0.00	62.73	0.00	0.00	0.00
	34	0.00	0.00	63.24	0.00	0.00	0.00
	35	0.00	0.00	62.73	0.00	0.00	0.00
	36	0.00	0.00	62.73	0.00	0.00	0.00

37	0.00	0.00	62.72	0.00	0.00	0.00
38	0.00	0.00	62.74	0.00	0.00	0.00
39	0.00	0.00	62.73	0.00	0.00	0.00
40	0.00	0.00	0.03	0.00	0.00	0.00
41	0.00	0.00	0.03	0.00	0.00	0.00
42	0.00	0.00	-0.69	0.00	0.00	0.00
43	0.00	0.00	-0.69	0.00	0.00	0.00
44	0.00	0.00	62.56	0.00	0.00	0.00
45	0.00	0.00	62.97	0.00	0.00	0.00
46	0.00	0.00	62.56	0.00	0.00	0.00
47	0.00	0.00	62.97	0.00	0.00	0.00
48	0.00	0.00	62.49	0.00	0.00	0.00
49	0.00	0.00	62.91	0.00	0.00	0.00
50	0.00	0.00	62.49	0.00	0.00	0.00
51	0.00	0.00	62.91	0.00	0.00	0.00
52	0.00	0.00	62.56	0.00	0.00	0.00
53	0.00	0.00	62.97	0.00	0.00	0.00
54	0.00	0.00	62.56	0.00	0.00	0.00
55	0.00	0.00	62.97	0.00	0.00	0.00
56	0.00	0.00	62.49	0.00	0.00	0.00
57	0.00	0.00	62.91	0.00	0.00	0.00
58	0.00	0.00	62.49	0.00	0.00	0.00
59	0.00	0.00	62.91	0.00	0.00	0.00
60	0.00	0.00	62.05	0.00	0.00	0.00
61	0.00	0.00	62.03	0.00	0.00	0.00
62	0.00	0.00	62.05	0.00	0.00	0.00
63	0.00	0.00	62.03	0.00	0.00	0.00
64	0.00	0.00	63.43	0.00	0.00	0.00
65	0.00	0.00	63.41	0.00	0.00	0.00
66	0.00	0.00	63.43	0.00	0.00	0.00
67	0.00	0.00	63.41	0.00	0.00	0.00
68	0.00	0.00	62.05	0.00	0.00	0.00
69	0.00	0.00	62.03	0.00	0.00	0.00
70	0.00	0.00	62.05	0.00	0.00	0.00
71	0.00	0.00	62.03	0.00	0.00	0.00
72	0.00	0.00	63.43	0.00	0.00	0.00
73	0.00	0.00	63.41	0.00	0.00	0.00
74	0.00	0.00	63.43	0.00	0.00	0.00
75	0.00	0.00	63.41	0.00	0.00	0.00

121 GLOBAL

1	0.00	0.00	32.75	0.00	0.00	0.00
2	0.00	0.00	29.98	0.00	0.00	0.00
3	0.00	0.00	1.40	0.00	0.00	0.00
4	0.00	0.00	2.53	0.00	0.00	0.00
5	0.00	0.00	-0.01	0.00	0.00	0.00
6	0.00	0.00	-0.02	0.00	0.00	0.00
7	0.00	0.00	0.04	0.00	0.00	0.00
8	0.00	0.00	-0.08	0.00	0.00	0.00
9	0.00	0.00	85.53	0.00	0.00	0.00
10	0.00	0.00	85.53	0.00	0.00	0.00

11	0.00	0.00	85.57	0.00	0.00	0.00
12	0.00	0.00	85.47	0.00	0.00	0.00
13	0.00	0.00	85.33	0.00	0.00	0.00
14	0.00	0.00	85.33	0.00	0.00	0.00
15	0.00	0.00	85.38	0.00	0.00	0.00
16	0.00	0.00	85.27	0.00	0.00	0.00
17	0.00	0.00	83.43	0.00	0.00	0.00
18	0.00	0.00	83.42	0.00	0.00	0.00
19	0.00	0.00	83.50	0.00	0.00	0.00
20	0.00	0.00	83.32	0.00	0.00	0.00
21	0.00	0.00	65.38	0.00	0.00	0.00
22	0.00	0.00	65.38	0.00	0.00	0.00
23	0.00	0.00	65.41	0.00	0.00	0.00
24	0.00	0.00	65.34	0.00	0.00	0.00
25	0.00	0.00	65.25	0.00	0.00	0.00
26	0.00	0.00	65.25	0.00	0.00	0.00
27	0.00	0.00	65.28	0.00	0.00	0.00
28	0.00	0.00	65.21	0.00	0.00	0.00
29	0.00	0.00	63.98	0.00	0.00	0.00
30	0.00	0.00	63.98	0.00	0.00	0.00
31	0.00	0.00	64.03	0.00	0.00	0.00
32	0.00	0.00	63.91	0.00	0.00	0.00
33	0.00	0.00	62.73	0.00	0.00	0.00
34	0.00	0.00	63.24	0.00	0.00	0.00
35	0.00	0.00	62.73	0.00	0.00	0.00
36	0.00	0.00	62.73	0.00	0.00	0.00
37	0.00	0.00	62.74	0.00	0.00	0.00
38	0.00	0.00	62.72	0.00	0.00	0.00
39	0.00	0.00	62.73	0.00	0.00	0.00
40	0.00	0.00	0.03	0.00	0.00	0.00
41	0.00	0.00	0.03	0.00	0.00	0.00
42	0.00	0.00	0.69	0.00	0.00	0.00
43	0.00	0.00	0.69	0.00	0.00	0.00
44	0.00	0.00	62.97	0.00	0.00	0.00
45	0.00	0.00	62.56	0.00	0.00	0.00
46	0.00	0.00	62.97	0.00	0.00	0.00
47	0.00	0.00	62.56	0.00	0.00	0.00
48	0.00	0.00	62.91	0.00	0.00	0.00
49	0.00	0.00	62.49	0.00	0.00	0.00
50	0.00	0.00	62.91	0.00	0.00	0.00
51	0.00	0.00	62.49	0.00	0.00	0.00
52	0.00	0.00	62.97	0.00	0.00	0.00
53	0.00	0.00	62.56	0.00	0.00	0.00
54	0.00	0.00	62.97	0.00	0.00	0.00
55	0.00	0.00	62.56	0.00	0.00	0.00
56	0.00	0.00	62.91	0.00	0.00	0.00
57	0.00	0.00	62.49	0.00	0.00	0.00
58	0.00	0.00	62.91	0.00	0.00	0.00
59	0.00	0.00	62.49	0.00	0.00	0.00
60	0.00	0.00	63.43	0.00	0.00	0.00

	61	0.00	0.00	63.41	0.00	0.00	0.00
	62	0.00	0.00	63.43	0.00	0.00	0.00
	63	0.00	0.00	63.41	0.00	0.00	0.00
	64	0.00	0.00	62.05	0.00	0.00	0.00
	65	0.00	0.00	62.04	0.00	0.00	0.00
	66	0.00	0.00	62.05	0.00	0.00	0.00
	67	0.00	0.00	62.04	0.00	0.00	0.00
	68	0.00	0.00	63.43	0.00	0.00	0.00
	69	0.00	0.00	63.41	0.00	0.00	0.00
	70	0.00	0.00	63.43	0.00	0.00	0.00
	71	0.00	0.00	63.41	0.00	0.00	0.00
	72	0.00	0.00	62.05	0.00	0.00	0.00
	73	0.00	0.00	62.03	0.00	0.00	0.00
	74	0.00	0.00	62.05	0.00	0.00	0.00
	75	0.00	0.00	62.04	0.00	0.00	0.00
122	GLOBAL						
	1	0.00	0.00	32.75	0.00	0.00	0.00
	2	0.00	0.00	29.94	0.00	0.00	0.00
	3	0.00	0.00	1.38	0.00	0.00	0.00
	4	0.00	0.00	2.52	0.00	0.00	0.00
	5	0.00	0.00	-0.01	0.00	0.00	0.00
	6	0.00	0.00	-0.02	0.00	0.00	0.00
	7	0.00	0.00	0.11	0.00	0.00	0.00
	8	0.00	0.00	-0.15	0.00	0.00	0.00
	9	0.00	0.00	85.45	0.00	0.00	0.00
	10	0.00	0.00	85.45	0.00	0.00	0.00
	11	0.00	0.00	85.56	0.00	0.00	0.00
	12	0.00	0.00	85.33	0.00	0.00	0.00
	13	0.00	0.00	85.27	0.00	0.00	0.00
	14	0.00	0.00	85.27	0.00	0.00	0.00
	15	0.00	0.00	85.38	0.00	0.00	0.00
	16	0.00	0.00	85.15	0.00	0.00	0.00
	17	0.00	0.00	83.37	0.00	0.00	0.00
	18	0.00	0.00	83.37	0.00	0.00	0.00
	19	0.00	0.00	83.56	0.00	0.00	0.00
	20	0.00	0.00	83.17	0.00	0.00	0.00
	21	0.00	0.00	65.33	0.00	0.00	0.00
	22	0.00	0.00	65.32	0.00	0.00	0.00
	23	0.00	0.00	65.40	0.00	0.00	0.00
	24	0.00	0.00	65.24	0.00	0.00	0.00
	25	0.00	0.00	65.21	0.00	0.00	0.00
	26	0.00	0.00	65.20	0.00	0.00	0.00
	27	0.00	0.00	65.28	0.00	0.00	0.00
	28	0.00	0.00	65.12	0.00	0.00	0.00
	29	0.00	0.00	63.94	0.00	0.00	0.00
	30	0.00	0.00	63.94	0.00	0.00	0.00
	31	0.00	0.00	64.07	0.00	0.00	0.00
	32	0.00	0.00	63.80	0.00	0.00	0.00
	33	0.00	0.00	62.69	0.00	0.00	0.00
	34	0.00	0.00	63.20	0.00	0.00	0.00

35	0.00	0.00	62.69	0.00	0.00	0.00
36	0.00	0.00	62.69	0.00	0.00	0.00
37	0.00	0.00	62.72	0.00	0.00	0.00
38	0.00	0.00	62.66	0.00	0.00	0.00
39	0.00	0.00	62.69	0.00	0.00	0.00
40	0.00	0.00	0.04	0.00	0.00	0.00
41	0.00	0.00	0.03	0.00	0.00	0.00
42	0.00	0.00	1.65	0.00	0.00	0.00
43	0.00	0.00	1.65	0.00	0.00	0.00
44	0.00	0.00	63.22	0.00	0.00	0.00
45	0.00	0.00	62.23	0.00	0.00	0.00
46	0.00	0.00	63.22	0.00	0.00	0.00
47	0.00	0.00	62.23	0.00	0.00	0.00
48	0.00	0.00	63.15	0.00	0.00	0.00
49	0.00	0.00	62.16	0.00	0.00	0.00
50	0.00	0.00	63.15	0.00	0.00	0.00
51	0.00	0.00	62.16	0.00	0.00	0.00
52	0.00	0.00	63.22	0.00	0.00	0.00
53	0.00	0.00	62.23	0.00	0.00	0.00
54	0.00	0.00	63.22	0.00	0.00	0.00
55	0.00	0.00	62.23	0.00	0.00	0.00
56	0.00	0.00	63.15	0.00	0.00	0.00
57	0.00	0.00	62.17	0.00	0.00	0.00
58	0.00	0.00	63.15	0.00	0.00	0.00
59	0.00	0.00	62.17	0.00	0.00	0.00
60	0.00	0.00	64.35	0.00	0.00	0.00
61	0.00	0.00	64.33	0.00	0.00	0.00
62	0.00	0.00	64.35	0.00	0.00	0.00
63	0.00	0.00	64.33	0.00	0.00	0.00
64	0.00	0.00	61.06	0.00	0.00	0.00
65	0.00	0.00	61.04	0.00	0.00	0.00
66	0.00	0.00	61.06	0.00	0.00	0.00
67	0.00	0.00	61.04	0.00	0.00	0.00
68	0.00	0.00	64.35	0.00	0.00	0.00
69	0.00	0.00	64.33	0.00	0.00	0.00
70	0.00	0.00	64.35	0.00	0.00	0.00
71	0.00	0.00	64.33	0.00	0.00	0.00
72	0.00	0.00	61.06	0.00	0.00	0.00
73	0.00	0.00	61.03	0.00	0.00	0.00
74	0.00	0.00	61.06	0.00	0.00	0.00
75	0.00	0.00	61.04	0.00	0.00	0.00
123	GLOBAL					
1	0.00	0.00	32.92	0.00	0.00	0.00
2	0.00	0.00	29.93	0.00	0.00	0.00
3	0.00	0.00	1.37	0.00	0.00	0.00
4	0.00	0.00	2.53	0.00	0.00	0.00
5	0.00	0.00	-0.01	0.00	0.00	0.00
6	0.00	0.00	-0.02	0.00	0.00	0.00
7	0.00	0.00	0.18	0.00	0.00	0.00
8	0.00	0.00	-0.20	0.00	0.00	0.00

9	0.00	0.00	85.66	0.00	0.00	0.00
10	0.00	0.00	85.65	0.00	0.00	0.00
11	0.00	0.00	85.83	0.00	0.00	0.00
12	0.00	0.00	85.49	0.00	0.00	0.00
13	0.00	0.00	85.50	0.00	0.00	0.00
14	0.00	0.00	85.50	0.00	0.00	0.00
15	0.00	0.00	85.67	0.00	0.00	0.00
16	0.00	0.00	85.34	0.00	0.00	0.00
17	0.00	0.00	83.60	0.00	0.00	0.00
18	0.00	0.00	83.59	0.00	0.00	0.00
19	0.00	0.00	83.88	0.00	0.00	0.00
20	0.00	0.00	83.32	0.00	0.00	0.00
21	0.00	0.00	65.49	0.00	0.00	0.00
22	0.00	0.00	65.48	0.00	0.00	0.00
23	0.00	0.00	65.60	0.00	0.00	0.00
24	0.00	0.00	65.38	0.00	0.00	0.00
25	0.00	0.00	65.38	0.00	0.00	0.00
26	0.00	0.00	65.38	0.00	0.00	0.00
27	0.00	0.00	65.50	0.00	0.00	0.00
28	0.00	0.00	65.27	0.00	0.00	0.00
29	0.00	0.00	64.11	0.00	0.00	0.00
30	0.00	0.00	64.11	0.00	0.00	0.00
31	0.00	0.00	64.30	0.00	0.00	0.00
32	0.00	0.00	63.93	0.00	0.00	0.00
33	0.00	0.00	62.86	0.00	0.00	0.00
34	0.00	0.00	63.37	0.00	0.00	0.00
35	0.00	0.00	62.86	0.00	0.00	0.00
36	0.00	0.00	62.86	0.00	0.00	0.00
37	0.00	0.00	62.89	0.00	0.00	0.00
38	0.00	0.00	62.82	0.00	0.00	0.00
39	0.00	0.00	62.86	0.00	0.00	0.00
40	0.00	0.00	0.04	0.00	0.00	0.00
41	0.00	0.00	0.04	0.00	0.00	0.00
42	0.00	0.00	2.52	0.00	0.00	0.00
43	0.00	0.00	2.52	0.00	0.00	0.00
44	0.00	0.00	63.65	0.00	0.00	0.00
45	0.00	0.00	62.14	0.00	0.00	0.00
46	0.00	0.00	63.66	0.00	0.00	0.00
47	0.00	0.00	62.14	0.00	0.00	0.00
48	0.00	0.00	63.58	0.00	0.00	0.00
49	0.00	0.00	62.06	0.00	0.00	0.00
50	0.00	0.00	63.58	0.00	0.00	0.00
51	0.00	0.00	62.06	0.00	0.00	0.00
52	0.00	0.00	63.65	0.00	0.00	0.00
53	0.00	0.00	62.14	0.00	0.00	0.00
54	0.00	0.00	63.65	0.00	0.00	0.00
55	0.00	0.00	62.14	0.00	0.00	0.00
56	0.00	0.00	63.58	0.00	0.00	0.00
57	0.00	0.00	62.07	0.00	0.00	0.00
58	0.00	0.00	63.58	0.00	0.00	0.00

	59	0.00	0.00	62.07	0.00	0.00	0.00
	60	0.00	0.00	65.39	0.00	0.00	0.00
	61	0.00	0.00	65.37	0.00	0.00	0.00
	62	0.00	0.00	65.39	0.00	0.00	0.00
	63	0.00	0.00	65.37	0.00	0.00	0.00
	64	0.00	0.00	60.35	0.00	0.00	0.00
	65	0.00	0.00	60.33	0.00	0.00	0.00
	66	0.00	0.00	60.35	0.00	0.00	0.00
	67	0.00	0.00	60.33	0.00	0.00	0.00
	68	0.00	0.00	65.39	0.00	0.00	0.00
	69	0.00	0.00	65.37	0.00	0.00	0.00
	70	0.00	0.00	65.39	0.00	0.00	0.00
	71	0.00	0.00	65.37	0.00	0.00	0.00
	72	0.00	0.00	60.35	0.00	0.00	0.00
	73	0.00	0.00	60.32	0.00	0.00	0.00
	74	0.00	0.00	60.35	0.00	0.00	0.00
	75	0.00	0.00	60.32	0.00	0.00	0.00
124	GLOBAL						
	1	0.00	0.00	33.34	0.00	0.00	0.00
	2	0.00	0.00	30.01	0.00	0.00	0.00
	3	0.00	0.00	1.37	0.00	0.00	0.00
	4	0.00	0.00	2.57	0.00	0.00	0.00
	5	0.00	0.00	-0.01	0.00	0.00	0.00
	6	0.00	0.00	-0.02	0.00	0.00	0.00
	7	0.00	0.00	0.24	0.00	0.00	0.00
	8	0.00	0.00	-0.24	0.00	0.00	0.00
	9	0.00	0.00	86.32	0.00	0.00	0.00
	10	0.00	0.00	86.31	0.00	0.00	0.00
	11	0.00	0.00	86.55	0.00	0.00	0.00
	12	0.00	0.00	86.11	0.00	0.00	0.00
	13	0.00	0.00	86.19	0.00	0.00	0.00
	14	0.00	0.00	86.19	0.00	0.00	0.00
	15	0.00	0.00	86.42	0.00	0.00	0.00
	16	0.00	0.00	85.99	0.00	0.00	0.00
	17	0.00	0.00	84.26	0.00	0.00	0.00
	18	0.00	0.00	84.25	0.00	0.00	0.00
	19	0.00	0.00	84.64	0.00	0.00	0.00
	20	0.00	0.00	83.91	0.00	0.00	0.00
	21	0.00	0.00	65.99	0.00	0.00	0.00
	22	0.00	0.00	65.99	0.00	0.00	0.00
	23	0.00	0.00	66.14	0.00	0.00	0.00
	24	0.00	0.00	65.85	0.00	0.00	0.00
	25	0.00	0.00	65.91	0.00	0.00	0.00
	26	0.00	0.00	65.91	0.00	0.00	0.00
	27	0.00	0.00	66.06	0.00	0.00	0.00
	28	0.00	0.00	65.77	0.00	0.00	0.00
	29	0.00	0.00	64.62	0.00	0.00	0.00
	30	0.00	0.00	64.61	0.00	0.00	0.00
	31	0.00	0.00	64.87	0.00	0.00	0.00
	32	0.00	0.00	64.39	0.00	0.00	0.00

33	0.00	0.00	63.34	0.00	0.00	0.00
34	0.00	0.00	63.86	0.00	0.00	0.00
35	0.00	0.00	63.34	0.00	0.00	0.00
36	0.00	0.00	63.34	0.00	0.00	0.00
37	0.00	0.00	63.39	0.00	0.00	0.00
38	0.00	0.00	63.29	0.00	0.00	0.00
39	0.00	0.00	63.34	0.00	0.00	0.00
40	0.00	0.00	0.04	0.00	0.00	0.00
41	0.00	0.00	0.04	0.00	0.00	0.00
42	0.00	0.00	3.44	0.00	0.00	0.00
43	0.00	0.00	3.44	0.00	0.00	0.00
44	0.00	0.00	64.42	0.00	0.00	0.00
45	0.00	0.00	62.36	0.00	0.00	0.00
46	0.00	0.00	64.42	0.00	0.00	0.00
47	0.00	0.00	62.35	0.00	0.00	0.00
48	0.00	0.00	64.33	0.00	0.00	0.00
49	0.00	0.00	62.27	0.00	0.00	0.00
50	0.00	0.00	64.33	0.00	0.00	0.00
51	0.00	0.00	62.27	0.00	0.00	0.00
52	0.00	0.00	64.41	0.00	0.00	0.00
53	0.00	0.00	62.35	0.00	0.00	0.00
54	0.00	0.00	64.41	0.00	0.00	0.00
55	0.00	0.00	62.35	0.00	0.00	0.00
56	0.00	0.00	64.33	0.00	0.00	0.00
57	0.00	0.00	62.27	0.00	0.00	0.00
58	0.00	0.00	64.33	0.00	0.00	0.00
59	0.00	0.00	62.27	0.00	0.00	0.00
60	0.00	0.00	66.79	0.00	0.00	0.00
61	0.00	0.00	66.76	0.00	0.00	0.00
62	0.00	0.00	66.79	0.00	0.00	0.00
63	0.00	0.00	66.77	0.00	0.00	0.00
64	0.00	0.00	59.92	0.00	0.00	0.00
65	0.00	0.00	59.89	0.00	0.00	0.00
66	0.00	0.00	59.92	0.00	0.00	0.00
67	0.00	0.00	59.89	0.00	0.00	0.00
68	0.00	0.00	66.79	0.00	0.00	0.00
69	0.00	0.00	66.77	0.00	0.00	0.00
70	0.00	0.00	66.79	0.00	0.00	0.00
71	0.00	0.00	66.77	0.00	0.00	0.00
72	0.00	0.00	59.92	0.00	0.00	0.00
73	0.00	0.00	59.89	0.00	0.00	0.00
74	0.00	0.00	59.92	0.00	0.00	0.00
75	0.00	0.00	59.89	0.00	0.00	0.00

125

GLOBAL

1	0.00	0.00	33.97	0.00	0.00	0.00
2	0.00	0.00	30.16	0.00	0.00	0.00
3	0.00	0.00	1.38	0.00	0.00	0.00
4	0.00	0.00	2.64	0.00	0.00	0.00
5	0.00	0.00	-0.01	0.00	0.00	0.00
6	0.00	0.00	-0.01	0.00	0.00	0.00

7	0.00	0.00	0.33	0.00	0.00	0.00
8	0.00	0.00	-0.31	0.00	0.00	0.00
9	0.00	0.00	87.41	0.00	0.00	0.00
10	0.00	0.00	87.41	0.00	0.00	0.00
11	0.00	0.00	87.72	0.00	0.00	0.00
12	0.00	0.00	87.14	0.00	0.00	0.00
13	0.00	0.00	87.32	0.00	0.00	0.00
14	0.00	0.00	87.32	0.00	0.00	0.00
15	0.00	0.00	87.63	0.00	0.00	0.00
16	0.00	0.00	87.05	0.00	0.00	0.00
17	0.00	0.00	85.33	0.00	0.00	0.00
18	0.00	0.00	85.33	0.00	0.00	0.00
19	0.00	0.00	85.85	0.00	0.00	0.00
20	0.00	0.00	84.89	0.00	0.00	0.00
21	0.00	0.00	66.82	0.00	0.00	0.00
22	0.00	0.00	66.82	0.00	0.00	0.00
23	0.00	0.00	67.03	0.00	0.00	0.00
24	0.00	0.00	66.65	0.00	0.00	0.00
25	0.00	0.00	66.76	0.00	0.00	0.00
26	0.00	0.00	66.76	0.00	0.00	0.00
27	0.00	0.00	66.97	0.00	0.00	0.00
28	0.00	0.00	66.59	0.00	0.00	0.00
29	0.00	0.00	65.44	0.00	0.00	0.00
30	0.00	0.00	65.44	0.00	0.00	0.00
31	0.00	0.00	65.78	0.00	0.00	0.00
32	0.00	0.00	65.14	0.00	0.00	0.00
33	0.00	0.00	64.13	0.00	0.00	0.00
34	0.00	0.00	64.66	0.00	0.00	0.00
35	0.00	0.00	64.13	0.00	0.00	0.00
36	0.00	0.00	64.13	0.00	0.00	0.00
37	0.00	0.00	64.20	0.00	0.00	0.00
38	0.00	0.00	64.07	0.00	0.00	0.00
39	0.00	0.00	64.13	0.00	0.00	0.00
40	0.00	0.00	0.05	0.00	0.00	0.00
41	0.00	0.00	0.04	0.00	0.00	0.00
42	0.00	0.00	4.50	0.00	0.00	0.00
43	0.00	0.00	4.50	0.00	0.00	0.00
44	0.00	0.00	65.53	0.00	0.00	0.00
45	0.00	0.00	62.83	0.00	0.00	0.00
46	0.00	0.00	65.53	0.00	0.00	0.00
47	0.00	0.00	62.83	0.00	0.00	0.00
48	0.00	0.00	65.43	0.00	0.00	0.00
49	0.00	0.00	62.73	0.00	0.00	0.00
50	0.00	0.00	65.43	0.00	0.00	0.00
51	0.00	0.00	62.73	0.00	0.00	0.00
52	0.00	0.00	65.52	0.00	0.00	0.00
53	0.00	0.00	62.82	0.00	0.00	0.00
54	0.00	0.00	65.52	0.00	0.00	0.00
55	0.00	0.00	62.82	0.00	0.00	0.00
56	0.00	0.00	65.44	0.00	0.00	0.00

57	0.00	0.00	62.74	0.00	0.00	0.00
58	0.00	0.00	65.44	0.00	0.00	0.00
59	0.00	0.00	62.73	0.00	0.00	0.00
60	0.00	0.00	68.64	0.00	0.00	0.00
61	0.00	0.00	68.61	0.00	0.00	0.00
62	0.00	0.00	68.64	0.00	0.00	0.00
63	0.00	0.00	68.61	0.00	0.00	0.00
64	0.00	0.00	59.64	0.00	0.00	0.00
65	0.00	0.00	59.61	0.00	0.00	0.00
66	0.00	0.00	59.64	0.00	0.00	0.00
67	0.00	0.00	59.62	0.00	0.00	0.00
68	0.00	0.00	68.65	0.00	0.00	0.00
69	0.00	0.00	68.62	0.00	0.00	0.00
70	0.00	0.00	68.64	0.00	0.00	0.00
71	0.00	0.00	68.62	0.00	0.00	0.00
72	0.00	0.00	59.64	0.00	0.00	0.00
73	0.00	0.00	59.61	0.00	0.00	0.00
74	0.00	0.00	59.64	0.00	0.00	0.00
75	0.00	0.00	59.61	0.00	0.00	0.00

126

GLOBAL

1	0.00	0.00	34.17	0.00	0.00	0.00
2	0.00	0.00	29.86	0.00	0.00	0.00
3	0.00	0.00	1.35	0.00	0.00	0.00
4	0.00	0.00	2.64	0.00	0.00	0.00
5	0.00	0.00	0.10	0.00	0.00	0.00
6	0.00	0.00	-0.12	0.00	0.00	0.00
7	0.00	0.00	-0.51	0.00	0.00	0.00
8	0.00	0.00	0.53	0.00	0.00	0.00
9	0.00	0.00	87.34	0.00	0.00	0.00
10	0.00	0.00	87.14	0.00	0.00	0.00
11	0.00	0.00	86.79	0.00	0.00	0.00
12	0.00	0.00	87.72	0.00	0.00	0.00
13	0.00	0.00	87.29	0.00	0.00	0.00
14	0.00	0.00	87.09	0.00	0.00	0.00
15	0.00	0.00	86.75	0.00	0.00	0.00
16	0.00	0.00	87.68	0.00	0.00	0.00
17	0.00	0.00	85.37	0.00	0.00	0.00
18	0.00	0.00	85.04	0.00	0.00	0.00
19	0.00	0.00	84.46	0.00	0.00	0.00
20	0.00	0.00	86.01	0.00	0.00	0.00
21	0.00	0.00	66.76	0.00	0.00	0.00
22	0.00	0.00	66.63	0.00	0.00	0.00
23	0.00	0.00	66.40	0.00	0.00	0.00
24	0.00	0.00	67.02	0.00	0.00	0.00
25	0.00	0.00	66.73	0.00	0.00	0.00
26	0.00	0.00	66.60	0.00	0.00	0.00
27	0.00	0.00	66.37	0.00	0.00	0.00
28	0.00	0.00	66.99	0.00	0.00	0.00
29	0.00	0.00	65.45	0.00	0.00	0.00
30	0.00	0.00	65.23	0.00	0.00	0.00

31	0.00	0.00	64.85	0.00	0.00	0.00
32	0.00	0.00	65.88	0.00	0.00	0.00
33	0.00	0.00	64.03	0.00	0.00	0.00
34	0.00	0.00	64.56	0.00	0.00	0.00
35	0.00	0.00	64.05	0.00	0.00	0.00
36	0.00	0.00	64.01	0.00	0.00	0.00
37	0.00	0.00	63.93	0.00	0.00	0.00
38	0.00	0.00	64.14	0.00	0.00	0.00
39	0.00	0.00	64.03	0.00	0.00	0.00
40	0.00	0.00	1.87	0.00	0.00	0.00
41	0.00	0.00	2.11	0.00	0.00	0.00
42	0.00	0.00	-6.72	0.00	0.00	0.00
43	0.00	0.00	-5.81	0.00	0.00	0.00
44	0.00	0.00	63.89	0.00	0.00	0.00
45	0.00	0.00	67.92	0.00	0.00	0.00
46	0.00	0.00	64.16	0.00	0.00	0.00
47	0.00	0.00	67.64	0.00	0.00	0.00
48	0.00	0.00	60.14	0.00	0.00	0.00
49	0.00	0.00	64.17	0.00	0.00	0.00
50	0.00	0.00	60.41	0.00	0.00	0.00
51	0.00	0.00	63.90	0.00	0.00	0.00
52	0.00	0.00	64.13	0.00	0.00	0.00
53	0.00	0.00	68.15	0.00	0.00	0.00
54	0.00	0.00	64.40	0.00	0.00	0.00
55	0.00	0.00	67.88	0.00	0.00	0.00
56	0.00	0.00	59.90	0.00	0.00	0.00
57	0.00	0.00	63.93	0.00	0.00	0.00
58	0.00	0.00	60.18	0.00	0.00	0.00
59	0.00	0.00	63.66	0.00	0.00	0.00
60	0.00	0.00	57.88	0.00	0.00	0.00
61	0.00	0.00	56.75	0.00	0.00	0.00
62	0.00	0.00	57.95	0.00	0.00	0.00
63	0.00	0.00	56.68	0.00	0.00	0.00
64	0.00	0.00	71.31	0.00	0.00	0.00
65	0.00	0.00	70.18	0.00	0.00	0.00
66	0.00	0.00	71.38	0.00	0.00	0.00
67	0.00	0.00	70.11	0.00	0.00	0.00
68	0.00	0.00	58.78	0.00	0.00	0.00
69	0.00	0.00	57.65	0.00	0.00	0.00
70	0.00	0.00	58.85	0.00	0.00	0.00
71	0.00	0.00	57.58	0.00	0.00	0.00
72	0.00	0.00	70.40	0.00	0.00	0.00
73	0.00	0.00	69.28	0.00	0.00	0.00
74	0.00	0.00	70.48	0.00	0.00	0.00
75	0.00	0.00	69.21	0.00	0.00	0.00
127	GLOBAL					
1	0.00	0.00	33.65	0.00	0.00	0.00
2	0.00	0.00	29.75	0.00	0.00	0.00
3	0.00	0.00	1.35	0.00	0.00	0.00
4	0.00	0.00	2.60	0.00	0.00	0.00

5	0.00	0.00	0.09	0.00	0.00	0.00
6	0.00	0.00	-0.11	0.00	0.00	0.00
7	0.00	0.00	-0.39	0.00	0.00	0.00
8	0.00	0.00	0.39	0.00	0.00	0.00
9	0.00	0.00	86.48	0.00	0.00	0.00
10	0.00	0.00	86.30	0.00	0.00	0.00
11	0.00	0.00	86.05	0.00	0.00	0.00
12	0.00	0.00	86.75	0.00	0.00	0.00
13	0.00	0.00	86.40	0.00	0.00	0.00
14	0.00	0.00	86.22	0.00	0.00	0.00
15	0.00	0.00	85.97	0.00	0.00	0.00
16	0.00	0.00	86.68	0.00	0.00	0.00
17	0.00	0.00	84.50	0.00	0.00	0.00
18	0.00	0.00	84.21	0.00	0.00	0.00
19	0.00	0.00	83.79	0.00	0.00	0.00
20	0.00	0.00	84.96	0.00	0.00	0.00
21	0.00	0.00	66.11	0.00	0.00	0.00
22	0.00	0.00	65.99	0.00	0.00	0.00
23	0.00	0.00	65.82	0.00	0.00	0.00
24	0.00	0.00	66.29	0.00	0.00	0.00
25	0.00	0.00	66.05	0.00	0.00	0.00
26	0.00	0.00	65.93	0.00	0.00	0.00
27	0.00	0.00	65.77	0.00	0.00	0.00
28	0.00	0.00	66.24	0.00	0.00	0.00
29	0.00	0.00	64.79	0.00	0.00	0.00
30	0.00	0.00	64.59	0.00	0.00	0.00
31	0.00	0.00	64.31	0.00	0.00	0.00
32	0.00	0.00	65.10	0.00	0.00	0.00
33	0.00	0.00	63.40	0.00	0.00	0.00
34	0.00	0.00	63.92	0.00	0.00	0.00
35	0.00	0.00	63.42	0.00	0.00	0.00
36	0.00	0.00	63.38	0.00	0.00	0.00
37	0.00	0.00	63.32	0.00	0.00	0.00
38	0.00	0.00	63.48	0.00	0.00	0.00
39	0.00	0.00	63.40	0.00	0.00	0.00
40	0.00	0.00	1.57	0.00	0.00	0.00
41	0.00	0.00	1.76	0.00	0.00	0.00
42	0.00	0.00	-5.11	0.00	0.00	0.00
43	0.00	0.00	-4.43	0.00	0.00	0.00
44	0.00	0.00	63.44	0.00	0.00	0.00
45	0.00	0.00	66.51	0.00	0.00	0.00
46	0.00	0.00	63.65	0.00	0.00	0.00
47	0.00	0.00	66.30	0.00	0.00	0.00
48	0.00	0.00	60.30	0.00	0.00	0.00
49	0.00	0.00	63.36	0.00	0.00	0.00
50	0.00	0.00	60.50	0.00	0.00	0.00
51	0.00	0.00	63.16	0.00	0.00	0.00
52	0.00	0.00	63.63	0.00	0.00	0.00
53	0.00	0.00	66.70	0.00	0.00	0.00
54	0.00	0.00	63.84	0.00	0.00	0.00

55	0.00	0.00	66.49	0.00	0.00	0.00
56	0.00	0.00	60.11	0.00	0.00	0.00
57	0.00	0.00	63.18	0.00	0.00	0.00
58	0.00	0.00	60.31	0.00	0.00	0.00
59	0.00	0.00	62.97	0.00	0.00	0.00
60	0.00	0.00	58.76	0.00	0.00	0.00
61	0.00	0.00	57.82	0.00	0.00	0.00
62	0.00	0.00	58.82	0.00	0.00	0.00
63	0.00	0.00	57.76	0.00	0.00	0.00
64	0.00	0.00	68.99	0.00	0.00	0.00
65	0.00	0.00	68.04	0.00	0.00	0.00
66	0.00	0.00	69.04	0.00	0.00	0.00
67	0.00	0.00	67.99	0.00	0.00	0.00
68	0.00	0.00	59.45	0.00	0.00	0.00
69	0.00	0.00	58.50	0.00	0.00	0.00
70	0.00	0.00	59.50	0.00	0.00	0.00
71	0.00	0.00	58.45	0.00	0.00	0.00
72	0.00	0.00	68.30	0.00	0.00	0.00
73	0.00	0.00	67.36	0.00	0.00	0.00
74	0.00	0.00	68.36	0.00	0.00	0.00
75	0.00	0.00	67.30	0.00	0.00	0.00

128

GLOBAL

1	0.00	0.00	33.37	0.00	0.00	0.00
2	0.00	0.00	29.72	0.00	0.00	0.00
3	0.00	0.00	1.36	0.00	0.00	0.00
4	0.00	0.00	2.58	0.00	0.00	0.00
5	0.00	0.00	0.08	0.00	0.00	0.00
6	0.00	0.00	-0.10	0.00	0.00	0.00
7	0.00	0.00	-0.30	0.00	0.00	0.00
8	0.00	0.00	0.28	0.00	0.00	0.00
9	0.00	0.00	86.06	0.00	0.00	0.00
10	0.00	0.00	85.90	0.00	0.00	0.00
11	0.00	0.00	85.73	0.00	0.00	0.00
12	0.00	0.00	86.24	0.00	0.00	0.00
13	0.00	0.00	85.95	0.00	0.00	0.00
14	0.00	0.00	85.79	0.00	0.00	0.00
15	0.00	0.00	85.62	0.00	0.00	0.00
16	0.00	0.00	86.13	0.00	0.00	0.00
17	0.00	0.00	84.06	0.00	0.00	0.00
18	0.00	0.00	83.79	0.00	0.00	0.00
19	0.00	0.00	83.50	0.00	0.00	0.00
20	0.00	0.00	84.36	0.00	0.00	0.00
21	0.00	0.00	65.78	0.00	0.00	0.00
22	0.00	0.00	65.68	0.00	0.00	0.00
23	0.00	0.00	65.56	0.00	0.00	0.00
24	0.00	0.00	65.91	0.00	0.00	0.00
25	0.00	0.00	65.71	0.00	0.00	0.00
26	0.00	0.00	65.60	0.00	0.00	0.00
27	0.00	0.00	65.49	0.00	0.00	0.00
28	0.00	0.00	65.83	0.00	0.00	0.00

29	0.00	0.00	64.45	0.00	0.00	0.00	
30	0.00	0.00	64.27	0.00	0.00	0.00	
31	0.00	0.00	64.08	0.00	0.00	0.00	
32	0.00	0.00	64.65	0.00	0.00	0.00	
33	0.00	0.00	63.08	0.00	0.00	0.00	
34	0.00	0.00	63.60	0.00	0.00	0.00	
35	0.00	0.00	63.10	0.00	0.00	0.00	
36	0.00	0.00	63.06	0.00	0.00	0.00	
37	0.00	0.00	63.02	0.00	0.00	0.00	
38	0.00	0.00	63.14	0.00	0.00	0.00	
39	0.00	0.00	63.08	0.00	0.00	0.00	
40	0.00	0.00	1.32	0.00	0.00	0.00	
41	0.00	0.00	1.46	0.00	0.00	0.00	
42	0.00	0.00	-3.71	0.00	0.00	0.00	
43	0.00	0.00	-3.21	0.00	0.00	0.00	
44	0.00	0.00	63.29	0.00	0.00	0.00	
45	0.00	0.00	65.52	0.00	0.00	0.00	
46	0.00	0.00	63.44	0.00	0.00	0.00	
47	0.00	0.00	65.37	0.00	0.00	0.00	
48	0.00	0.00	60.65	0.00	0.00	0.00	
49	0.00	0.00	62.87	0.00	0.00	0.00	
50	0.00	0.00	60.80	0.00	0.00	0.00	
51	0.00	0.00	62.72	0.00	0.00	0.00	
52	0.00	0.00	63.43	0.00	0.00	0.00	
53	0.00	0.00	65.65	0.00	0.00	0.00	
54	0.00	0.00	63.58	0.00	0.00	0.00	
55	0.00	0.00	65.50	0.00	0.00	0.00	
56	0.00	0.00	60.51	0.00	0.00	0.00	
57	0.00	0.00	62.74	0.00	0.00	0.00	
58	0.00	0.00	60.66	0.00	0.00	0.00	
59	0.00	0.00	62.59	0.00	0.00	0.00	
60	0.00	0.00	59.77	0.00	0.00	0.00	
61	0.00	0.00	58.98	0.00	0.00	0.00	
62	0.00	0.00	59.81	0.00	0.00	0.00	
63	0.00	0.00	58.94	0.00	0.00	0.00	
64	0.00	0.00	67.19	0.00	0.00	0.00	
65	0.00	0.00	66.39	0.00	0.00	0.00	
66	0.00	0.00	67.23	0.00	0.00	0.00	
67	0.00	0.00	66.35	0.00	0.00	0.00	
68	0.00	0.00	60.27	0.00	0.00	0.00	
69	0.00	0.00	59.48	0.00	0.00	0.00	
70	0.00	0.00	60.31	0.00	0.00	0.00	
71	0.00	0.00	59.44	0.00	0.00	0.00	
72	0.00	0.00	66.69	0.00	0.00	0.00	
73	0.00	0.00	65.90	0.00	0.00	0.00	
74	0.00	0.00	66.73	0.00	0.00	0.00	
75	0.00	0.00	65.85	0.00	0.00	0.00	
129	GLOBAL						
1		0.00	0.00	33.30	0.00	0.00	0.00
2		0.00	0.00	29.75	0.00	0.00	0.00

3	0.00	0.00	1.39	0.00	0.00	0.00
4	0.00	0.00	2.59	0.00	0.00	0.00
5	0.00	0.00	0.07	0.00	0.00	0.00
6	0.00	0.00	-0.10	0.00	0.00	0.00
7	0.00	0.00	-0.20	0.00	0.00	0.00
8	0.00	0.00	0.17	0.00	0.00	0.00
9	0.00	0.00	86.06	0.00	0.00	0.00
10	0.00	0.00	85.91	0.00	0.00	0.00
11	0.00	0.00	85.82	0.00	0.00	0.00
12	0.00	0.00	86.16	0.00	0.00	0.00
13	0.00	0.00	85.93	0.00	0.00	0.00
14	0.00	0.00	85.78	0.00	0.00	0.00
15	0.00	0.00	85.68	0.00	0.00	0.00
16	0.00	0.00	86.02	0.00	0.00	0.00
17	0.00	0.00	84.02	0.00	0.00	0.00
18	0.00	0.00	83.77	0.00	0.00	0.00
19	0.00	0.00	83.61	0.00	0.00	0.00
20	0.00	0.00	84.18	0.00	0.00	0.00
21	0.00	0.00	65.78	0.00	0.00	0.00
22	0.00	0.00	65.68	0.00	0.00	0.00
23	0.00	0.00	65.62	0.00	0.00	0.00
24	0.00	0.00	65.84	0.00	0.00	0.00
25	0.00	0.00	65.69	0.00	0.00	0.00
26	0.00	0.00	65.59	0.00	0.00	0.00
27	0.00	0.00	65.53	0.00	0.00	0.00
28	0.00	0.00	65.75	0.00	0.00	0.00
29	0.00	0.00	64.42	0.00	0.00	0.00
30	0.00	0.00	64.25	0.00	0.00	0.00
31	0.00	0.00	64.15	0.00	0.00	0.00
32	0.00	0.00	64.53	0.00	0.00	0.00
33	0.00	0.00	63.06	0.00	0.00	0.00
34	0.00	0.00	63.58	0.00	0.00	0.00
35	0.00	0.00	63.07	0.00	0.00	0.00
36	0.00	0.00	63.04	0.00	0.00	0.00
37	0.00	0.00	63.02	0.00	0.00	0.00
38	0.00	0.00	63.09	0.00	0.00	0.00
39	0.00	0.00	63.06	0.00	0.00	0.00
40	0.00	0.00	1.14	0.00	0.00	0.00
41	0.00	0.00	1.23	0.00	0.00	0.00
42	0.00	0.00	-2.37	0.00	0.00	0.00
43	0.00	0.00	-2.05	0.00	0.00	0.00
44	0.00	0.00	63.49	0.00	0.00	0.00
45	0.00	0.00	64.91	0.00	0.00	0.00
46	0.00	0.00	63.58	0.00	0.00	0.00
47	0.00	0.00	64.81	0.00	0.00	0.00
48	0.00	0.00	61.20	0.00	0.00	0.00
49	0.00	0.00	62.63	0.00	0.00	0.00
50	0.00	0.00	61.30	0.00	0.00	0.00
51	0.00	0.00	62.53	0.00	0.00	0.00
52	0.00	0.00	63.57	0.00	0.00	0.00

53	0.00	0.00	65.00	0.00	0.00	0.00
54	0.00	0.00	63.67	0.00	0.00	0.00
55	0.00	0.00	64.90	0.00	0.00	0.00
56	0.00	0.00	61.12	0.00	0.00	0.00
57	0.00	0.00	62.54	0.00	0.00	0.00
58	0.00	0.00	61.21	0.00	0.00	0.00
59	0.00	0.00	62.44	0.00	0.00	0.00
60	0.00	0.00	61.03	0.00	0.00	0.00
61	0.00	0.00	60.34	0.00	0.00	0.00
62	0.00	0.00	61.05	0.00	0.00	0.00
63	0.00	0.00	60.32	0.00	0.00	0.00
64	0.00	0.00	65.77	0.00	0.00	0.00
65	0.00	0.00	65.09	0.00	0.00	0.00
66	0.00	0.00	65.80	0.00	0.00	0.00
67	0.00	0.00	65.06	0.00	0.00	0.00
68	0.00	0.00	61.35	0.00	0.00	0.00
69	0.00	0.00	60.66	0.00	0.00	0.00
70	0.00	0.00	61.37	0.00	0.00	0.00
71	0.00	0.00	60.64	0.00	0.00	0.00
72	0.00	0.00	65.45	0.00	0.00	0.00
73	0.00	0.00	64.77	0.00	0.00	0.00
74	0.00	0.00	65.48	0.00	0.00	0.00
75	0.00	0.00	64.74	0.00	0.00	0.00

130

GLOBAL

1	0.00	0.00	33.37	0.00	0.00	0.00
2	0.00	0.00	29.82	0.00	0.00	0.00
3	0.00	0.00	1.41	0.00	0.00	0.00
4	0.00	0.00	2.62	0.00	0.00	0.00
5	0.00	0.00	0.06	0.00	0.00	0.00
6	0.00	0.00	-0.10	0.00	0.00	0.00
7	0.00	0.00	-0.10	0.00	0.00	0.00
8	0.00	0.00	0.06	0.00	0.00	0.00
9	0.00	0.00	86.27	0.00	0.00	0.00
10	0.00	0.00	86.13	0.00	0.00	0.00
11	0.00	0.00	86.13	0.00	0.00	0.00
12	0.00	0.00	86.27	0.00	0.00	0.00
13	0.00	0.00	86.12	0.00	0.00	0.00
14	0.00	0.00	85.98	0.00	0.00	0.00
15	0.00	0.00	85.98	0.00	0.00	0.00
16	0.00	0.00	86.12	0.00	0.00	0.00
17	0.00	0.00	84.20	0.00	0.00	0.00
18	0.00	0.00	83.96	0.00	0.00	0.00
19	0.00	0.00	83.95	0.00	0.00	0.00
20	0.00	0.00	84.19	0.00	0.00	0.00
21	0.00	0.00	65.94	0.00	0.00	0.00
22	0.00	0.00	65.84	0.00	0.00	0.00
23	0.00	0.00	65.84	0.00	0.00	0.00
24	0.00	0.00	65.94	0.00	0.00	0.00
25	0.00	0.00	65.84	0.00	0.00	0.00
26	0.00	0.00	65.74	0.00	0.00	0.00

27	0.00	0.00	65.74	0.00	0.00	0.00
28	0.00	0.00	65.84	0.00	0.00	0.00
29	0.00	0.00	64.56	0.00	0.00	0.00
30	0.00	0.00	64.40	0.00	0.00	0.00
31	0.00	0.00	64.39	0.00	0.00	0.00
32	0.00	0.00	64.55	0.00	0.00	0.00
33	0.00	0.00	63.18	0.00	0.00	0.00
34	0.00	0.00	63.71	0.00	0.00	0.00
35	0.00	0.00	63.20	0.00	0.00	0.00
36	0.00	0.00	63.17	0.00	0.00	0.00
37	0.00	0.00	63.17	0.00	0.00	0.00
38	0.00	0.00	63.20	0.00	0.00	0.00
39	0.00	0.00	63.18	0.00	0.00	0.00
40	0.00	0.00	1.05	0.00	0.00	0.00
41	0.00	0.00	1.09	0.00	0.00	0.00
42	0.00	0.00	-0.96	0.00	0.00	0.00
43	0.00	0.00	-0.83	0.00	0.00	0.00
44	0.00	0.00	63.95	0.00	0.00	0.00
45	0.00	0.00	64.53	0.00	0.00	0.00
46	0.00	0.00	63.99	0.00	0.00	0.00
47	0.00	0.00	64.49	0.00	0.00	0.00
48	0.00	0.00	61.84	0.00	0.00	0.00
49	0.00	0.00	62.42	0.00	0.00	0.00
50	0.00	0.00	61.88	0.00	0.00	0.00
51	0.00	0.00	62.38	0.00	0.00	0.00
52	0.00	0.00	63.98	0.00	0.00	0.00
53	0.00	0.00	64.56	0.00	0.00	0.00
54	0.00	0.00	64.02	0.00	0.00	0.00
55	0.00	0.00	64.52	0.00	0.00	0.00
56	0.00	0.00	61.81	0.00	0.00	0.00
57	0.00	0.00	62.39	0.00	0.00	0.00
58	0.00	0.00	61.85	0.00	0.00	0.00
59	0.00	0.00	62.35	0.00	0.00	0.00
60	0.00	0.00	62.54	0.00	0.00	0.00
61	0.00	0.00	61.90	0.00	0.00	0.00
62	0.00	0.00	62.55	0.00	0.00	0.00
63	0.00	0.00	61.89	0.00	0.00	0.00
64	0.00	0.00	64.46	0.00	0.00	0.00
65	0.00	0.00	63.83	0.00	0.00	0.00
66	0.00	0.00	64.48	0.00	0.00	0.00
67	0.00	0.00	63.82	0.00	0.00	0.00
68	0.00	0.00	62.67	0.00	0.00	0.00
69	0.00	0.00	62.04	0.00	0.00	0.00
70	0.00	0.00	62.68	0.00	0.00	0.00
71	0.00	0.00	62.02	0.00	0.00	0.00
72	0.00	0.00	64.33	0.00	0.00	0.00
73	0.00	0.00	63.70	0.00	0.00	0.00
74	0.00	0.00	64.35	0.00	0.00	0.00
75	0.00	0.00	63.69	0.00	0.00	0.00

1	0.00	0.00	33.37	0.00	0.00	0.00
2	0.00	0.00	29.82	0.00	0.00	0.00
3	0.00	0.00	1.41	0.00	0.00	0.00
4	0.00	0.00	2.62	0.00	0.00	0.00
5	0.00	0.00	0.06	0.00	0.00	0.00
6	0.00	0.00	-0.10	0.00	0.00	0.00
7	0.00	0.00	0.06	0.00	0.00	0.00
8	0.00	0.00	-0.10	0.00	0.00	0.00
9	0.00	0.00	86.27	0.00	0.00	0.00
10	0.00	0.00	86.13	0.00	0.00	0.00
11	0.00	0.00	86.27	0.00	0.00	0.00
12	0.00	0.00	86.13	0.00	0.00	0.00
13	0.00	0.00	86.12	0.00	0.00	0.00
14	0.00	0.00	85.98	0.00	0.00	0.00
15	0.00	0.00	86.12	0.00	0.00	0.00
16	0.00	0.00	85.97	0.00	0.00	0.00
17	0.00	0.00	84.20	0.00	0.00	0.00
18	0.00	0.00	83.96	0.00	0.00	0.00
19	0.00	0.00	84.19	0.00	0.00	0.00
20	0.00	0.00	83.95	0.00	0.00	0.00
21	0.00	0.00	65.94	0.00	0.00	0.00
22	0.00	0.00	65.84	0.00	0.00	0.00
23	0.00	0.00	65.94	0.00	0.00	0.00
24	0.00	0.00	65.84	0.00	0.00	0.00
25	0.00	0.00	65.84	0.00	0.00	0.00
26	0.00	0.00	65.74	0.00	0.00	0.00
27	0.00	0.00	65.84	0.00	0.00	0.00
28	0.00	0.00	65.74	0.00	0.00	0.00
29	0.00	0.00	64.56	0.00	0.00	0.00
30	0.00	0.00	64.40	0.00	0.00	0.00
31	0.00	0.00	64.55	0.00	0.00	0.00
32	0.00	0.00	64.39	0.00	0.00	0.00
33	0.00	0.00	63.18	0.00	0.00	0.00
34	0.00	0.00	63.71	0.00	0.00	0.00
35	0.00	0.00	63.20	0.00	0.00	0.00
36	0.00	0.00	63.17	0.00	0.00	0.00
37	0.00	0.00	63.20	0.00	0.00	0.00
38	0.00	0.00	63.16	0.00	0.00	0.00
39	0.00	0.00	63.18	0.00	0.00	0.00
40	0.00	0.00	1.09	0.00	0.00	0.00
41	0.00	0.00	1.05	0.00	0.00	0.00
42	0.00	0.00	0.97	0.00	0.00	0.00
43	0.00	0.00	0.84	0.00	0.00	0.00
44	0.00	0.00	64.56	0.00	0.00	0.00
45	0.00	0.00	63.98	0.00	0.00	0.00
46	0.00	0.00	64.52	0.00	0.00	0.00
47	0.00	0.00	64.02	0.00	0.00	0.00
48	0.00	0.00	62.39	0.00	0.00	0.00
49	0.00	0.00	61.81	0.00	0.00	0.00
50	0.00	0.00	62.35	0.00	0.00	0.00

51	0.00	0.00	61.85	0.00	0.00	0.00
52	0.00	0.00	64.53	0.00	0.00	0.00
53	0.00	0.00	63.94	0.00	0.00	0.00
54	0.00	0.00	64.49	0.00	0.00	0.00
55	0.00	0.00	63.98	0.00	0.00	0.00
56	0.00	0.00	62.42	0.00	0.00	0.00
57	0.00	0.00	61.84	0.00	0.00	0.00
58	0.00	0.00	62.39	0.00	0.00	0.00
59	0.00	0.00	61.88	0.00	0.00	0.00
60	0.00	0.00	64.48	0.00	0.00	0.00
61	0.00	0.00	63.83	0.00	0.00	0.00
62	0.00	0.00	64.47	0.00	0.00	0.00
63	0.00	0.00	63.84	0.00	0.00	0.00
64	0.00	0.00	62.54	0.00	0.00	0.00
65	0.00	0.00	61.89	0.00	0.00	0.00
66	0.00	0.00	62.53	0.00	0.00	0.00
67	0.00	0.00	61.90	0.00	0.00	0.00
68	0.00	0.00	64.35	0.00	0.00	0.00
69	0.00	0.00	63.70	0.00	0.00	0.00
70	0.00	0.00	64.34	0.00	0.00	0.00
71	0.00	0.00	63.71	0.00	0.00	0.00
72	0.00	0.00	62.67	0.00	0.00	0.00
73	0.00	0.00	62.02	0.00	0.00	0.00
74	0.00	0.00	62.66	0.00	0.00	0.00
75	0.00	0.00	62.03	0.00	0.00	0.00

132

GLOBAL

1	0.00	0.00	33.30	0.00	0.00	0.00
2	0.00	0.00	29.75	0.00	0.00	0.00
3	0.00	0.00	1.39	0.00	0.00	0.00
4	0.00	0.00	2.59	0.00	0.00	0.00
5	0.00	0.00	0.07	0.00	0.00	0.00
6	0.00	0.00	-0.10	0.00	0.00	0.00
7	0.00	0.00	0.17	0.00	0.00	0.00
8	0.00	0.00	-0.20	0.00	0.00	0.00
9	0.00	0.00	86.06	0.00	0.00	0.00
10	0.00	0.00	85.91	0.00	0.00	0.00
11	0.00	0.00	86.16	0.00	0.00	0.00
12	0.00	0.00	85.82	0.00	0.00	0.00
13	0.00	0.00	85.93	0.00	0.00	0.00
14	0.00	0.00	85.78	0.00	0.00	0.00
15	0.00	0.00	86.02	0.00	0.00	0.00
16	0.00	0.00	85.68	0.00	0.00	0.00
17	0.00	0.00	84.02	0.00	0.00	0.00
18	0.00	0.00	83.77	0.00	0.00	0.00
19	0.00	0.00	84.18	0.00	0.00	0.00
20	0.00	0.00	83.61	0.00	0.00	0.00
21	0.00	0.00	65.78	0.00	0.00	0.00
22	0.00	0.00	65.68	0.00	0.00	0.00
23	0.00	0.00	65.84	0.00	0.00	0.00
24	0.00	0.00	65.62	0.00	0.00	0.00

25	0.00	0.00	65.69	0.00	0.00	0.00
26	0.00	0.00	65.59	0.00	0.00	0.00
27	0.00	0.00	65.76	0.00	0.00	0.00
28	0.00	0.00	65.53	0.00	0.00	0.00
29	0.00	0.00	64.42	0.00	0.00	0.00
30	0.00	0.00	64.25	0.00	0.00	0.00
31	0.00	0.00	64.53	0.00	0.00	0.00
32	0.00	0.00	64.15	0.00	0.00	0.00
33	0.00	0.00	63.06	0.00	0.00	0.00
34	0.00	0.00	63.58	0.00	0.00	0.00
35	0.00	0.00	63.07	0.00	0.00	0.00
36	0.00	0.00	63.04	0.00	0.00	0.00
37	0.00	0.00	63.09	0.00	0.00	0.00
38	0.00	0.00	63.02	0.00	0.00	0.00
39	0.00	0.00	63.06	0.00	0.00	0.00
40	0.00	0.00	1.23	0.00	0.00	0.00
41	0.00	0.00	1.14	0.00	0.00	0.00
42	0.00	0.00	2.38	0.00	0.00	0.00
43	0.00	0.00	2.06	0.00	0.00	0.00
44	0.00	0.00	65.00	0.00	0.00	0.00
45	0.00	0.00	63.57	0.00	0.00	0.00
46	0.00	0.00	64.90	0.00	0.00	0.00
47	0.00	0.00	63.67	0.00	0.00	0.00
48	0.00	0.00	62.54	0.00	0.00	0.00
49	0.00	0.00	61.12	0.00	0.00	0.00
50	0.00	0.00	62.45	0.00	0.00	0.00
51	0.00	0.00	61.21	0.00	0.00	0.00
52	0.00	0.00	64.91	0.00	0.00	0.00
53	0.00	0.00	63.48	0.00	0.00	0.00
54	0.00	0.00	64.81	0.00	0.00	0.00
55	0.00	0.00	63.58	0.00	0.00	0.00
56	0.00	0.00	62.63	0.00	0.00	0.00
57	0.00	0.00	61.20	0.00	0.00	0.00
58	0.00	0.00	62.53	0.00	0.00	0.00
59	0.00	0.00	61.30	0.00	0.00	0.00
60	0.00	0.00	65.80	0.00	0.00	0.00
61	0.00	0.00	65.07	0.00	0.00	0.00
62	0.00	0.00	65.78	0.00	0.00	0.00
63	0.00	0.00	65.09	0.00	0.00	0.00
64	0.00	0.00	61.05	0.00	0.00	0.00
65	0.00	0.00	60.31	0.00	0.00	0.00
66	0.00	0.00	61.02	0.00	0.00	0.00
67	0.00	0.00	60.34	0.00	0.00	0.00
68	0.00	0.00	65.48	0.00	0.00	0.00
69	0.00	0.00	64.75	0.00	0.00	0.00
70	0.00	0.00	65.46	0.00	0.00	0.00
71	0.00	0.00	64.77	0.00	0.00	0.00
72	0.00	0.00	61.37	0.00	0.00	0.00
73	0.00	0.00	60.63	0.00	0.00	0.00
74	0.00	0.00	61.34	0.00	0.00	0.00

133

GLOBAL

75	0.00	0.00	60.66	0.00	0.00	0.00
1	0.00	0.00	33.37	0.00	0.00	0.00
2	0.00	0.00	29.72	0.00	0.00	0.00
3	0.00	0.00	1.36	0.00	0.00	0.00
4	0.00	0.00	2.58	0.00	0.00	0.00
5	0.00	0.00	0.08	0.00	0.00	0.00
6	0.00	0.00	-0.10	0.00	0.00	0.00
7	0.00	0.00	0.28	0.00	0.00	0.00
8	0.00	0.00	-0.30	0.00	0.00	0.00
9	0.00	0.00	86.06	0.00	0.00	0.00
10	0.00	0.00	85.90	0.00	0.00	0.00
11	0.00	0.00	86.24	0.00	0.00	0.00
12	0.00	0.00	85.73	0.00	0.00	0.00
13	0.00	0.00	85.95	0.00	0.00	0.00
14	0.00	0.00	85.79	0.00	0.00	0.00
15	0.00	0.00	86.13	0.00	0.00	0.00
16	0.00	0.00	85.62	0.00	0.00	0.00
17	0.00	0.00	84.06	0.00	0.00	0.00
18	0.00	0.00	83.79	0.00	0.00	0.00
19	0.00	0.00	84.37	0.00	0.00	0.00
20	0.00	0.00	83.50	0.00	0.00	0.00
21	0.00	0.00	65.78	0.00	0.00	0.00
22	0.00	0.00	65.68	0.00	0.00	0.00
23	0.00	0.00	65.91	0.00	0.00	0.00
24	0.00	0.00	65.56	0.00	0.00	0.00
25	0.00	0.00	65.71	0.00	0.00	0.00
26	0.00	0.00	65.60	0.00	0.00	0.00
27	0.00	0.00	65.83	0.00	0.00	0.00
28	0.00	0.00	65.49	0.00	0.00	0.00
29	0.00	0.00	64.45	0.00	0.00	0.00
30	0.00	0.00	64.27	0.00	0.00	0.00
31	0.00	0.00	64.65	0.00	0.00	0.00
32	0.00	0.00	64.08	0.00	0.00	0.00
33	0.00	0.00	63.08	0.00	0.00	0.00
34	0.00	0.00	63.60	0.00	0.00	0.00
35	0.00	0.00	63.10	0.00	0.00	0.00
36	0.00	0.00	63.06	0.00	0.00	0.00
37	0.00	0.00	63.14	0.00	0.00	0.00
38	0.00	0.00	63.02	0.00	0.00	0.00
39	0.00	0.00	63.08	0.00	0.00	0.00
40	0.00	0.00	1.46	0.00	0.00	0.00
41	0.00	0.00	1.32	0.00	0.00	0.00
42	0.00	0.00	3.71	0.00	0.00	0.00
43	0.00	0.00	3.21	0.00	0.00	0.00
44	0.00	0.00	65.65	0.00	0.00	0.00
45	0.00	0.00	63.43	0.00	0.00	0.00
46	0.00	0.00	65.50	0.00	0.00	0.00
47	0.00	0.00	63.58	0.00	0.00	0.00
48	0.00	0.00	62.74	0.00	0.00	0.00

49	0.00	0.00	60.51	0.00	0.00	0.00
50	0.00	0.00	62.59	0.00	0.00	0.00
51	0.00	0.00	60.66	0.00	0.00	0.00
52	0.00	0.00	65.52	0.00	0.00	0.00
53	0.00	0.00	63.29	0.00	0.00	0.00
54	0.00	0.00	65.37	0.00	0.00	0.00
55	0.00	0.00	63.44	0.00	0.00	0.00
56	0.00	0.00	62.87	0.00	0.00	0.00
57	0.00	0.00	60.65	0.00	0.00	0.00
58	0.00	0.00	62.72	0.00	0.00	0.00
59	0.00	0.00	60.80	0.00	0.00	0.00
60	0.00	0.00	67.23	0.00	0.00	0.00
61	0.00	0.00	66.35	0.00	0.00	0.00
62	0.00	0.00	67.19	0.00	0.00	0.00
63	0.00	0.00	66.39	0.00	0.00	0.00
64	0.00	0.00	59.81	0.00	0.00	0.00
65	0.00	0.00	58.94	0.00	0.00	0.00
66	0.00	0.00	59.77	0.00	0.00	0.00
67	0.00	0.00	58.98	0.00	0.00	0.00
68	0.00	0.00	66.73	0.00	0.00	0.00
69	0.00	0.00	65.86	0.00	0.00	0.00
70	0.00	0.00	66.69	0.00	0.00	0.00
71	0.00	0.00	65.90	0.00	0.00	0.00
72	0.00	0.00	60.31	0.00	0.00	0.00
73	0.00	0.00	59.44	0.00	0.00	0.00
74	0.00	0.00	60.27	0.00	0.00	0.00
75	0.00	0.00	59.48	0.00	0.00	0.00

134 GLOBAL

1	0.00	0.00	33.65	0.00	0.00	0.00
2	0.00	0.00	29.75	0.00	0.00	0.00
3	0.00	0.00	1.35	0.00	0.00	0.00
4	0.00	0.00	2.60	0.00	0.00	0.00
5	0.00	0.00	0.09	0.00	0.00	0.00
6	0.00	0.00	-0.11	0.00	0.00	0.00
7	0.00	0.00	0.39	0.00	0.00	0.00
8	0.00	0.00	-0.39	0.00	0.00	0.00
9	0.00	0.00	86.48	0.00	0.00	0.00
10	0.00	0.00	86.30	0.00	0.00	0.00
11	0.00	0.00	86.75	0.00	0.00	0.00
12	0.00	0.00	86.05	0.00	0.00	0.00
13	0.00	0.00	86.40	0.00	0.00	0.00
14	0.00	0.00	86.22	0.00	0.00	0.00
15	0.00	0.00	86.68	0.00	0.00	0.00
16	0.00	0.00	85.97	0.00	0.00	0.00
17	0.00	0.00	84.50	0.00	0.00	0.00
18	0.00	0.00	84.21	0.00	0.00	0.00
19	0.00	0.00	84.96	0.00	0.00	0.00
20	0.00	0.00	83.79	0.00	0.00	0.00
21	0.00	0.00	66.11	0.00	0.00	0.00
22	0.00	0.00	65.99	0.00	0.00	0.00

23	0.00	0.00	66.29	0.00	0.00	0.00
24	0.00	0.00	65.82	0.00	0.00	0.00
25	0.00	0.00	66.05	0.00	0.00	0.00
26	0.00	0.00	65.93	0.00	0.00	0.00
27	0.00	0.00	66.24	0.00	0.00	0.00
28	0.00	0.00	65.77	0.00	0.00	0.00
29	0.00	0.00	64.79	0.00	0.00	0.00
30	0.00	0.00	64.59	0.00	0.00	0.00
31	0.00	0.00	65.10	0.00	0.00	0.00
32	0.00	0.00	64.31	0.00	0.00	0.00
33	0.00	0.00	63.40	0.00	0.00	0.00
34	0.00	0.00	63.92	0.00	0.00	0.00
35	0.00	0.00	63.42	0.00	0.00	0.00
36	0.00	0.00	63.38	0.00	0.00	0.00
37	0.00	0.00	63.48	0.00	0.00	0.00
38	0.00	0.00	63.32	0.00	0.00	0.00
39	0.00	0.00	63.40	0.00	0.00	0.00
40	0.00	0.00	1.76	0.00	0.00	0.00
41	0.00	0.00	1.57	0.00	0.00	0.00
42	0.00	0.00	5.11	0.00	0.00	0.00
43	0.00	0.00	4.42	0.00	0.00	0.00
44	0.00	0.00	66.70	0.00	0.00	0.00
45	0.00	0.00	63.63	0.00	0.00	0.00
46	0.00	0.00	66.49	0.00	0.00	0.00
47	0.00	0.00	63.84	0.00	0.00	0.00
48	0.00	0.00	63.17	0.00	0.00	0.00
49	0.00	0.00	60.11	0.00	0.00	0.00
50	0.00	0.00	62.97	0.00	0.00	0.00
51	0.00	0.00	60.31	0.00	0.00	0.00
52	0.00	0.00	66.51	0.00	0.00	0.00
53	0.00	0.00	63.44	0.00	0.00	0.00
54	0.00	0.00	66.30	0.00	0.00	0.00
55	0.00	0.00	63.65	0.00	0.00	0.00
56	0.00	0.00	63.36	0.00	0.00	0.00
57	0.00	0.00	60.30	0.00	0.00	0.00
58	0.00	0.00	63.16	0.00	0.00	0.00
59	0.00	0.00	60.50	0.00	0.00	0.00
60	0.00	0.00	69.04	0.00	0.00	0.00
61	0.00	0.00	67.98	0.00	0.00	0.00
62	0.00	0.00	68.98	0.00	0.00	0.00
63	0.00	0.00	68.04	0.00	0.00	0.00
64	0.00	0.00	58.82	0.00	0.00	0.00
65	0.00	0.00	57.77	0.00	0.00	0.00
66	0.00	0.00	58.77	0.00	0.00	0.00
67	0.00	0.00	57.82	0.00	0.00	0.00
68	0.00	0.00	68.35	0.00	0.00	0.00
69	0.00	0.00	67.30	0.00	0.00	0.00
70	0.00	0.00	68.30	0.00	0.00	0.00
71	0.00	0.00	67.35	0.00	0.00	0.00
72	0.00	0.00	59.51	0.00	0.00	0.00

	73	0.00	0.00	58.45	0.00	0.00	0.00
	74	0.00	0.00	59.45	0.00	0.00	0.00
135	GLOBAL	75	0.00	0.00	58.51	0.00	0.00
	1	0.00	0.00	34.17	0.00	0.00	0.00
	2	0.00	0.00	29.86	0.00	0.00	0.00
	3	0.00	0.00	1.35	0.00	0.00	0.00
	4	0.00	0.00	2.64	0.00	0.00	0.00
	5	0.00	0.00	0.10	0.00	0.00	0.00
	6	0.00	0.00	-0.12	0.00	0.00	0.00
	7	0.00	0.00	0.53	0.00	0.00	0.00
	8	0.00	0.00	-0.50	0.00	0.00	0.00
	9	0.00	0.00	87.34	0.00	0.00	0.00
	10	0.00	0.00	87.14	0.00	0.00	0.00
	11	0.00	0.00	87.72	0.00	0.00	0.00
	12	0.00	0.00	86.79	0.00	0.00	0.00
	13	0.00	0.00	87.29	0.00	0.00	0.00
	14	0.00	0.00	87.09	0.00	0.00	0.00
	15	0.00	0.00	87.68	0.00	0.00	0.00
	16	0.00	0.00	86.75	0.00	0.00	0.00
	17	0.00	0.00	85.37	0.00	0.00	0.00
	18	0.00	0.00	85.04	0.00	0.00	0.00
	19	0.00	0.00	86.01	0.00	0.00	0.00
	20	0.00	0.00	84.46	0.00	0.00	0.00
	21	0.00	0.00	66.76	0.00	0.00	0.00
	22	0.00	0.00	66.63	0.00	0.00	0.00
	23	0.00	0.00	67.02	0.00	0.00	0.00
	24	0.00	0.00	66.40	0.00	0.00	0.00
	25	0.00	0.00	66.73	0.00	0.00	0.00
	26	0.00	0.00	66.60	0.00	0.00	0.00
	27	0.00	0.00	66.99	0.00	0.00	0.00
	28	0.00	0.00	66.37	0.00	0.00	0.00
	29	0.00	0.00	65.45	0.00	0.00	0.00
	30	0.00	0.00	65.23	0.00	0.00	0.00
	31	0.00	0.00	65.88	0.00	0.00	0.00
	32	0.00	0.00	64.85	0.00	0.00	0.00
	33	0.00	0.00	64.03	0.00	0.00	0.00
	34	0.00	0.00	64.56	0.00	0.00	0.00
	35	0.00	0.00	64.05	0.00	0.00	0.00
	36	0.00	0.00	64.01	0.00	0.00	0.00
	37	0.00	0.00	64.14	0.00	0.00	0.00
	38	0.00	0.00	63.93	0.00	0.00	0.00
	39	0.00	0.00	64.03	0.00	0.00	0.00
	40	0.00	0.00	2.11	0.00	0.00	0.00
	41	0.00	0.00	1.87	0.00	0.00	0.00
	42	0.00	0.00	6.71	0.00	0.00	0.00
	43	0.00	0.00	5.80	0.00	0.00	0.00
	44	0.00	0.00	68.15	0.00	0.00	0.00
	45	0.00	0.00	64.13	0.00	0.00	0.00
	46	0.00	0.00	67.88	0.00	0.00	0.00

47	0.00	0.00	64.40	0.00	0.00	0.00
48	0.00	0.00	63.93	0.00	0.00	0.00
49	0.00	0.00	59.91	0.00	0.00	0.00
50	0.00	0.00	63.66	0.00	0.00	0.00
51	0.00	0.00	60.18	0.00	0.00	0.00
52	0.00	0.00	67.91	0.00	0.00	0.00
53	0.00	0.00	63.89	0.00	0.00	0.00
54	0.00	0.00	67.64	0.00	0.00	0.00
55	0.00	0.00	64.16	0.00	0.00	0.00
56	0.00	0.00	64.17	0.00	0.00	0.00
57	0.00	0.00	60.15	0.00	0.00	0.00
58	0.00	0.00	63.90	0.00	0.00	0.00
59	0.00	0.00	60.42	0.00	0.00	0.00
60	0.00	0.00	71.37	0.00	0.00	0.00
61	0.00	0.00	70.10	0.00	0.00	0.00
62	0.00	0.00	71.30	0.00	0.00	0.00
63	0.00	0.00	70.17	0.00	0.00	0.00
64	0.00	0.00	57.96	0.00	0.00	0.00
65	0.00	0.00	56.69	0.00	0.00	0.00
66	0.00	0.00	57.89	0.00	0.00	0.00
67	0.00	0.00	56.76	0.00	0.00	0.00
68	0.00	0.00	70.47	0.00	0.00	0.00
69	0.00	0.00	69.20	0.00	0.00	0.00
70	0.00	0.00	70.40	0.00	0.00	0.00
71	0.00	0.00	69.27	0.00	0.00	0.00
72	0.00	0.00	58.86	0.00	0.00	0.00
73	0.00	0.00	57.59	0.00	0.00	0.00
74	0.00	0.00	58.79	0.00	0.00	0.00
75	0.00	0.00	57.66	0.00	0.00	0.00

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GLOBAL

1	0.00	0.00	43.02	0.00	0.00	0.00
2	0.00	0.00	35.53	0.00	0.00	0.00
3	0.00	0.00	1.52	0.00	0.00	0.00
4	0.00	0.00	3.23	0.00	0.00	0.00
5	0.00	0.00	0.36	0.00	0.00	0.00
6	0.00	0.00	-0.31	0.00	0.00	0.00
7	0.00	0.00	-1.80	0.00	0.00	0.00
8	0.00	0.00	1.80	0.00	0.00	0.00
9	0.00	0.00	107.15	0.00	0.00	0.00
10	0.00	0.00	106.55	0.00	0.00	0.00
11	0.00	0.00	105.21	0.00	0.00	0.00
12	0.00	0.00	108.46	0.00	0.00	0.00
13	0.00	0.00	107.29	0.00	0.00	0.00
14	0.00	0.00	106.69	0.00	0.00	0.00
15	0.00	0.00	105.35	0.00	0.00	0.00
16	0.00	0.00	108.60	0.00	0.00	0.00
17	0.00	0.00	105.08	0.00	0.00	0.00
18	0.00	0.00	104.08	0.00	0.00	0.00
19	0.00	0.00	101.85	0.00	0.00	0.00
20	0.00	0.00	107.25	0.00	0.00	0.00

21	0.00	0.00	81.91	0.00	0.00	0.00
22	0.00	0.00	81.51	0.00	0.00	0.00
23	0.00	0.00	80.62	0.00	0.00	0.00
24	0.00	0.00	82.78	0.00	0.00	0.00
25	0.00	0.00	82.00	0.00	0.00	0.00
26	0.00	0.00	81.60	0.00	0.00	0.00
27	0.00	0.00	80.71	0.00	0.00	0.00
28	0.00	0.00	82.87	0.00	0.00	0.00
29	0.00	0.00	80.53	0.00	0.00	0.00
30	0.00	0.00	79.86	0.00	0.00	0.00
31	0.00	0.00	78.37	0.00	0.00	0.00
32	0.00	0.00	81.98	0.00	0.00	0.00
33	0.00	0.00	78.56	0.00	0.00	0.00
34	0.00	0.00	79.20	0.00	0.00	0.00
35	0.00	0.00	78.63	0.00	0.00	0.00
36	0.00	0.00	78.49	0.00	0.00	0.00
37	0.00	0.00	78.20	0.00	0.00	0.00
38	0.00	0.00	78.92	0.00	0.00	0.00
39	0.00	0.00	78.56	0.00	0.00	0.00
40	0.00	0.00	7.99	0.00	0.00	0.00
41	0.00	0.00	7.72	0.00	0.00	0.00
42	0.00	0.00	-16.80	0.00	0.00	0.00
43	0.00	0.00	-14.06	0.00	0.00	0.00
44	0.00	0.00	81.51	0.00	0.00	0.00
45	0.00	0.00	91.59	0.00	0.00	0.00
46	0.00	0.00	82.33	0.00	0.00	0.00
47	0.00	0.00	90.77	0.00	0.00	0.00
48	0.00	0.00	65.52	0.00	0.00	0.00
49	0.00	0.00	75.60	0.00	0.00	0.00
50	0.00	0.00	66.35	0.00	0.00	0.00
51	0.00	0.00	74.78	0.00	0.00	0.00
52	0.00	0.00	81.23	0.00	0.00	0.00
53	0.00	0.00	91.31	0.00	0.00	0.00
54	0.00	0.00	82.05	0.00	0.00	0.00
55	0.00	0.00	90.49	0.00	0.00	0.00
56	0.00	0.00	65.80	0.00	0.00	0.00
57	0.00	0.00	75.88	0.00	0.00	0.00
58	0.00	0.00	66.62	0.00	0.00	0.00
59	0.00	0.00	75.06	0.00	0.00	0.00
60	0.00	0.00	64.15	0.00	0.00	0.00
61	0.00	0.00	59.36	0.00	0.00	0.00
62	0.00	0.00	64.07	0.00	0.00	0.00
63	0.00	0.00	59.44	0.00	0.00	0.00
64	0.00	0.00	97.76	0.00	0.00	0.00
65	0.00	0.00	92.96	0.00	0.00	0.00
66	0.00	0.00	97.67	0.00	0.00	0.00
67	0.00	0.00	93.04	0.00	0.00	0.00
68	0.00	0.00	66.90	0.00	0.00	0.00
69	0.00	0.00	62.10	0.00	0.00	0.00
70	0.00	0.00	66.81	0.00	0.00	0.00

	71	0.00	0.00	62.18	0.00	0.00	0.00
	72	0.00	0.00	95.01	0.00	0.00	0.00
	73	0.00	0.00	90.22	0.00	0.00	0.00
	74	0.00	0.00	94.93	0.00	0.00	0.00
	75	0.00	0.00	90.30	0.00	0.00	0.00
137	GLOBAL						
	1	0.00	0.00	41.85	0.00	0.00	0.00
	2	0.00	0.00	35.23	0.00	0.00	0.00
	3	0.00	0.00	1.46	0.00	0.00	0.00
	4	0.00	0.00	3.09	0.00	0.00	0.00
	5	0.00	0.00	0.30	0.00	0.00	0.00
	6	0.00	0.00	-0.24	0.00	0.00	0.00
	7	0.00	0.00	-1.36	0.00	0.00	0.00
	8	0.00	0.00	1.36	0.00	0.00	0.00
	9	0.00	0.00	104.98	0.00	0.00	0.00
	10	0.00	0.00	104.49	0.00	0.00	0.00
	11	0.00	0.00	103.49	0.00	0.00	0.00
	12	0.00	0.00	105.93	0.00	0.00	0.00
	13	0.00	0.00	105.11	0.00	0.00	0.00
	14	0.00	0.00	104.63	0.00	0.00	0.00
	15	0.00	0.00	103.62	0.00	0.00	0.00
	16	0.00	0.00	106.06	0.00	0.00	0.00
	17	0.00	0.00	102.98	0.00	0.00	0.00
	18	0.00	0.00	102.17	0.00	0.00	0.00
	19	0.00	0.00	100.49	0.00	0.00	0.00
	20	0.00	0.00	104.56	0.00	0.00	0.00
	21	0.00	0.00	80.26	0.00	0.00	0.00
	22	0.00	0.00	79.94	0.00	0.00	0.00
	23	0.00	0.00	79.27	0.00	0.00	0.00
	24	0.00	0.00	80.90	0.00	0.00	0.00
	25	0.00	0.00	80.35	0.00	0.00	0.00
	26	0.00	0.00	80.03	0.00	0.00	0.00
	27	0.00	0.00	79.36	0.00	0.00	0.00
	28	0.00	0.00	80.99	0.00	0.00	0.00
	29	0.00	0.00	78.93	0.00	0.00	0.00
	30	0.00	0.00	78.39	0.00	0.00	0.00
	31	0.00	0.00	77.27	0.00	0.00	0.00
	32	0.00	0.00	79.99	0.00	0.00	0.00
	33	0.00	0.00	77.08	0.00	0.00	0.00
	34	0.00	0.00	77.70	0.00	0.00	0.00
	35	0.00	0.00	77.14	0.00	0.00	0.00
	36	0.00	0.00	77.03	0.00	0.00	0.00
	37	0.00	0.00	76.81	0.00	0.00	0.00
	38	0.00	0.00	77.35	0.00	0.00	0.00
	39	0.00	0.00	77.08	0.00	0.00	0.00
	40	0.00	0.00	7.20	0.00	0.00	0.00
	41	0.00	0.00	7.01	0.00	0.00	0.00
	42	0.00	0.00	-12.56	0.00	0.00	0.00
	43	0.00	0.00	-10.52	0.00	0.00	0.00
	44	0.00	0.00	80.52	0.00	0.00	0.00

45	0.00	0.00	88.05	0.00	0.00	0.00
46	0.00	0.00	81.13	0.00	0.00	0.00
47	0.00	0.00	87.44	0.00	0.00	0.00
48	0.00	0.00	66.11	0.00	0.00	0.00
49	0.00	0.00	73.64	0.00	0.00	0.00
50	0.00	0.00	66.72	0.00	0.00	0.00
51	0.00	0.00	73.03	0.00	0.00	0.00
52	0.00	0.00	80.33	0.00	0.00	0.00
53	0.00	0.00	87.86	0.00	0.00	0.00
54	0.00	0.00	80.94	0.00	0.00	0.00
55	0.00	0.00	87.25	0.00	0.00	0.00
56	0.00	0.00	66.30	0.00	0.00	0.00
57	0.00	0.00	73.84	0.00	0.00	0.00
58	0.00	0.00	66.91	0.00	0.00	0.00
59	0.00	0.00	73.23	0.00	0.00	0.00
60	0.00	0.00	66.69	0.00	0.00	0.00
61	0.00	0.00	62.36	0.00	0.00	0.00
62	0.00	0.00	66.63	0.00	0.00	0.00
63	0.00	0.00	62.42	0.00	0.00	0.00
64	0.00	0.00	91.80	0.00	0.00	0.00
65	0.00	0.00	87.48	0.00	0.00	0.00
66	0.00	0.00	91.74	0.00	0.00	0.00
67	0.00	0.00	87.53	0.00	0.00	0.00
68	0.00	0.00	68.72	0.00	0.00	0.00
69	0.00	0.00	64.40	0.00	0.00	0.00
70	0.00	0.00	68.66	0.00	0.00	0.00
71	0.00	0.00	64.46	0.00	0.00	0.00
72	0.00	0.00	89.76	0.00	0.00	0.00
73	0.00	0.00	85.44	0.00	0.00	0.00
74	0.00	0.00	89.70	0.00	0.00	0.00
75	0.00	0.00	85.50	0.00	0.00	0.00

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GLOBAL

1	0.00	0.00	40.94	0.00	0.00	0.00
2	0.00	0.00	35.00	0.00	0.00	0.00
3	0.00	0.00	1.41	0.00	0.00	0.00
4	0.00	0.00	2.98	0.00	0.00	0.00
5	0.00	0.00	0.25	0.00	0.00	0.00
6	0.00	0.00	-0.17	0.00	0.00	0.00
7	0.00	0.00	-0.96	0.00	0.00	0.00
8	0.00	0.00	0.96	0.00	0.00	0.00
9	0.00	0.00	103.30	0.00	0.00	0.00
10	0.00	0.00	102.92	0.00	0.00	0.00
11	0.00	0.00	102.21	0.00	0.00	0.00
12	0.00	0.00	103.94	0.00	0.00	0.00
13	0.00	0.00	103.43	0.00	0.00	0.00
14	0.00	0.00	103.05	0.00	0.00	0.00
15	0.00	0.00	102.34	0.00	0.00	0.00
16	0.00	0.00	104.07	0.00	0.00	0.00
17	0.00	0.00	101.35	0.00	0.00	0.00
18	0.00	0.00	100.71	0.00	0.00	0.00

19	0.00	0.00	99.52	0.00	0.00	0.00
20	0.00	0.00	102.41	0.00	0.00	0.00
21	0.00	0.00	79.00	0.00	0.00	0.00
22	0.00	0.00	78.74	0.00	0.00	0.00
23	0.00	0.00	78.27	0.00	0.00	0.00
24	0.00	0.00	79.42	0.00	0.00	0.00
25	0.00	0.00	79.08	0.00	0.00	0.00
26	0.00	0.00	78.83	0.00	0.00	0.00
27	0.00	0.00	78.35	0.00	0.00	0.00
28	0.00	0.00	79.51	0.00	0.00	0.00
29	0.00	0.00	77.69	0.00	0.00	0.00
30	0.00	0.00	77.27	0.00	0.00	0.00
31	0.00	0.00	76.47	0.00	0.00	0.00
32	0.00	0.00	78.40	0.00	0.00	0.00
33	0.00	0.00	75.95	0.00	0.00	0.00
34	0.00	0.00	76.54	0.00	0.00	0.00
35	0.00	0.00	76.00	0.00	0.00	0.00
36	0.00	0.00	75.91	0.00	0.00	0.00
37	0.00	0.00	75.75	0.00	0.00	0.00
38	0.00	0.00	76.14	0.00	0.00	0.00
39	0.00	0.00	75.95	0.00	0.00	0.00
40	0.00	0.00	6.53	0.00	0.00	0.00
41	0.00	0.00	6.40	0.00	0.00	0.00
42	0.00	0.00	-8.90	0.00	0.00	0.00
43	0.00	0.00	-7.46	0.00	0.00	0.00
44	0.00	0.00	79.81	0.00	0.00	0.00
45	0.00	0.00	85.15	0.00	0.00	0.00
46	0.00	0.00	80.24	0.00	0.00	0.00
47	0.00	0.00	84.72	0.00	0.00	0.00
48	0.00	0.00	66.74	0.00	0.00	0.00
49	0.00	0.00	72.08	0.00	0.00	0.00
50	0.00	0.00	67.17	0.00	0.00	0.00
51	0.00	0.00	71.65	0.00	0.00	0.00
52	0.00	0.00	79.67	0.00	0.00	0.00
53	0.00	0.00	85.01	0.00	0.00	0.00
54	0.00	0.00	80.11	0.00	0.00	0.00
55	0.00	0.00	84.58	0.00	0.00	0.00
56	0.00	0.00	66.88	0.00	0.00	0.00
57	0.00	0.00	72.22	0.00	0.00	0.00
58	0.00	0.00	67.31	0.00	0.00	0.00
59	0.00	0.00	71.78	0.00	0.00	0.00
60	0.00	0.00	69.01	0.00	0.00	0.00
61	0.00	0.00	65.09	0.00	0.00	0.00
62	0.00	0.00	68.96	0.00	0.00	0.00
63	0.00	0.00	65.13	0.00	0.00	0.00
64	0.00	0.00	86.81	0.00	0.00	0.00
65	0.00	0.00	82.89	0.00	0.00	0.00
66	0.00	0.00	86.77	0.00	0.00	0.00
67	0.00	0.00	82.93	0.00	0.00	0.00
68	0.00	0.00	70.45	0.00	0.00	0.00

	69	0.00	0.00	66.53	0.00	0.00	0.00
	70	0.00	0.00	70.41	0.00	0.00	0.00
	71	0.00	0.00	66.57	0.00	0.00	0.00
	72	0.00	0.00	85.36	0.00	0.00	0.00
	73	0.00	0.00	81.44	0.00	0.00	0.00
	74	0.00	0.00	85.32	0.00	0.00	0.00
	75	0.00	0.00	81.49	0.00	0.00	0.00
139	GLOBAL						
	1	0.00	0.00	40.39	0.00	0.00	0.00
	2	0.00	0.00	34.85	0.00	0.00	0.00
	3	0.00	0.00	1.38	0.00	0.00	0.00
	4	0.00	0.00	2.93	0.00	0.00	0.00
	5	0.00	0.00	0.21	0.00	0.00	0.00
	6	0.00	0.00	-0.12	0.00	0.00	0.00
	7	0.00	0.00	-0.60	0.00	0.00	0.00
	8	0.00	0.00	0.60	0.00	0.00	0.00
	9	0.00	0.00	102.26	0.00	0.00	0.00
	10	0.00	0.00	101.96	0.00	0.00	0.00
	11	0.00	0.00	101.53	0.00	0.00	0.00
	12	0.00	0.00	102.60	0.00	0.00	0.00
	13	0.00	0.00	102.39	0.00	0.00	0.00
	14	0.00	0.00	102.09	0.00	0.00	0.00
	15	0.00	0.00	101.66	0.00	0.00	0.00
	16	0.00	0.00	102.73	0.00	0.00	0.00
	17	0.00	0.00	100.32	0.00	0.00	0.00
	18	0.00	0.00	99.82	0.00	0.00	0.00
	19	0.00	0.00	99.10	0.00	0.00	0.00
	20	0.00	0.00	100.89	0.00	0.00	0.00
	21	0.00	0.00	78.20	0.00	0.00	0.00
	22	0.00	0.00	78.00	0.00	0.00	0.00
	23	0.00	0.00	77.72	0.00	0.00	0.00
	24	0.00	0.00	78.43	0.00	0.00	0.00
	25	0.00	0.00	78.29	0.00	0.00	0.00
	26	0.00	0.00	78.09	0.00	0.00	0.00
	27	0.00	0.00	77.80	0.00	0.00	0.00
	28	0.00	0.00	78.52	0.00	0.00	0.00
	29	0.00	0.00	76.91	0.00	0.00	0.00
	30	0.00	0.00	76.58	0.00	0.00	0.00
	31	0.00	0.00	76.10	0.00	0.00	0.00
	32	0.00	0.00	77.29	0.00	0.00	0.00
	33	0.00	0.00	75.24	0.00	0.00	0.00
	34	0.00	0.00	75.82	0.00	0.00	0.00
	35	0.00	0.00	75.28	0.00	0.00	0.00
	36	0.00	0.00	75.21	0.00	0.00	0.00
	37	0.00	0.00	75.12	0.00	0.00	0.00
	38	0.00	0.00	75.35	0.00	0.00	0.00
	39	0.00	0.00	75.24	0.00	0.00	0.00
	40	0.00	0.00	6.04	0.00	0.00	0.00
	41	0.00	0.00	5.96	0.00	0.00	0.00
	42	0.00	0.00	-5.55	0.00	0.00	0.00

43	0.00	0.00	-4.65	0.00	0.00	0.00
44	0.00	0.00	79.61	0.00	0.00	0.00
45	0.00	0.00	82.94	0.00	0.00	0.00
46	0.00	0.00	79.88	0.00	0.00	0.00
47	0.00	0.00	82.67	0.00	0.00	0.00
48	0.00	0.00	67.53	0.00	0.00	0.00
49	0.00	0.00	70.86	0.00	0.00	0.00
50	0.00	0.00	67.80	0.00	0.00	0.00
51	0.00	0.00	70.59	0.00	0.00	0.00
52	0.00	0.00	79.53	0.00	0.00	0.00
53	0.00	0.00	82.86	0.00	0.00	0.00
54	0.00	0.00	79.80	0.00	0.00	0.00
55	0.00	0.00	82.58	0.00	0.00	0.00
56	0.00	0.00	67.61	0.00	0.00	0.00
57	0.00	0.00	70.95	0.00	0.00	0.00
58	0.00	0.00	67.89	0.00	0.00	0.00
59	0.00	0.00	70.67	0.00	0.00	0.00
60	0.00	0.00	71.50	0.00	0.00	0.00
61	0.00	0.00	67.87	0.00	0.00	0.00
62	0.00	0.00	71.47	0.00	0.00	0.00
63	0.00	0.00	67.90	0.00	0.00	0.00
64	0.00	0.00	82.60	0.00	0.00	0.00
65	0.00	0.00	78.97	0.00	0.00	0.00
66	0.00	0.00	82.57	0.00	0.00	0.00
67	0.00	0.00	79.00	0.00	0.00	0.00
68	0.00	0.00	72.40	0.00	0.00	0.00
69	0.00	0.00	68.77	0.00	0.00	0.00
70	0.00	0.00	72.37	0.00	0.00	0.00
71	0.00	0.00	68.80	0.00	0.00	0.00
72	0.00	0.00	81.70	0.00	0.00	0.00
73	0.00	0.00	78.07	0.00	0.00	0.00
74	0.00	0.00	81.67	0.00	0.00	0.00
75	0.00	0.00	78.10	0.00	0.00	0.00

140

GLOBAL

1	0.00	0.00	40.15	0.00	0.00	0.00
2	0.00	0.00	34.78	0.00	0.00	0.00
3	0.00	0.00	1.37	0.00	0.00	0.00
4	0.00	0.00	2.90	0.00	0.00	0.00
5	0.00	0.00	0.19	0.00	0.00	0.00
6	0.00	0.00	-0.09	0.00	0.00	0.00
7	0.00	0.00	-0.23	0.00	0.00	0.00
8	0.00	0.00	0.23	0.00	0.00	0.00
9	0.00	0.00	101.81	0.00	0.00	0.00
10	0.00	0.00	101.56	0.00	0.00	0.00
11	0.00	0.00	101.43	0.00	0.00	0.00
12	0.00	0.00	101.85	0.00	0.00	0.00
13	0.00	0.00	101.94	0.00	0.00	0.00
14	0.00	0.00	101.69	0.00	0.00	0.00
15	0.00	0.00	101.56	0.00	0.00	0.00
16	0.00	0.00	101.97	0.00	0.00	0.00

17	0.00	0.00	99.88	0.00	0.00	0.00
18	0.00	0.00	99.46	0.00	0.00	0.00
19	0.00	0.00	99.24	0.00	0.00	0.00
20	0.00	0.00	99.93	0.00	0.00	0.00
21	0.00	0.00	77.87	0.00	0.00	0.00
22	0.00	0.00	77.70	0.00	0.00	0.00
23	0.00	0.00	77.61	0.00	0.00	0.00
24	0.00	0.00	77.89	0.00	0.00	0.00
25	0.00	0.00	77.95	0.00	0.00	0.00
26	0.00	0.00	77.78	0.00	0.00	0.00
27	0.00	0.00	77.69	0.00	0.00	0.00
28	0.00	0.00	77.97	0.00	0.00	0.00
29	0.00	0.00	76.57	0.00	0.00	0.00
30	0.00	0.00	76.29	0.00	0.00	0.00
31	0.00	0.00	76.15	0.00	0.00	0.00
32	0.00	0.00	76.61	0.00	0.00	0.00
33	0.00	0.00	74.93	0.00	0.00	0.00
34	0.00	0.00	75.51	0.00	0.00	0.00
35	0.00	0.00	74.97	0.00	0.00	0.00
36	0.00	0.00	74.91	0.00	0.00	0.00
37	0.00	0.00	74.88	0.00	0.00	0.00
38	0.00	0.00	74.98	0.00	0.00	0.00
39	0.00	0.00	74.93	0.00	0.00	0.00
40	0.00	0.00	5.77	0.00	0.00	0.00
41	0.00	0.00	5.73	0.00	0.00	0.00
42	0.00	0.00	-2.19	0.00	0.00	0.00
43	0.00	0.00	-1.83	0.00	0.00	0.00
44	0.00	0.00	80.04	0.00	0.00	0.00
45	0.00	0.00	81.35	0.00	0.00	0.00
46	0.00	0.00	80.15	0.00	0.00	0.00
47	0.00	0.00	81.24	0.00	0.00	0.00
48	0.00	0.00	68.51	0.00	0.00	0.00
49	0.00	0.00	69.82	0.00	0.00	0.00
50	0.00	0.00	68.62	0.00	0.00	0.00
51	0.00	0.00	69.71	0.00	0.00	0.00
52	0.00	0.00	80.00	0.00	0.00	0.00
53	0.00	0.00	81.31	0.00	0.00	0.00
54	0.00	0.00	80.11	0.00	0.00	0.00
55	0.00	0.00	81.21	0.00	0.00	0.00
56	0.00	0.00	68.55	0.00	0.00	0.00
57	0.00	0.00	69.86	0.00	0.00	0.00
58	0.00	0.00	68.65	0.00	0.00	0.00
59	0.00	0.00	69.75	0.00	0.00	0.00
60	0.00	0.00	74.47	0.00	0.00	0.00
61	0.00	0.00	71.01	0.00	0.00	0.00
62	0.00	0.00	74.46	0.00	0.00	0.00
63	0.00	0.00	71.03	0.00	0.00	0.00
64	0.00	0.00	78.84	0.00	0.00	0.00
65	0.00	0.00	75.38	0.00	0.00	0.00
66	0.00	0.00	78.83	0.00	0.00	0.00

	67	0.00	0.00	75.40	0.00	0.00	0.00
	68	0.00	0.00	74.83	0.00	0.00	0.00
	69	0.00	0.00	71.37	0.00	0.00	0.00
	70	0.00	0.00	74.82	0.00	0.00	0.00
	71	0.00	0.00	71.38	0.00	0.00	0.00
	72	0.00	0.00	78.48	0.00	0.00	0.00
	73	0.00	0.00	75.03	0.00	0.00	0.00
	74	0.00	0.00	78.47	0.00	0.00	0.00
	75	0.00	0.00	75.04	0.00	0.00	0.00
141	GLOBAL						
	1	0.00	0.00	40.15	0.00	0.00	0.00
	2	0.00	0.00	34.78	0.00	0.00	0.00
	3	0.00	0.00	1.37	0.00	0.00	0.00
	4	0.00	0.00	2.90	0.00	0.00	0.00
	5	0.00	0.00	0.19	0.00	0.00	0.00
	6	0.00	0.00	-0.09	0.00	0.00	0.00
	7	0.00	0.00	0.24	0.00	0.00	0.00
	8	0.00	0.00	-0.24	0.00	0.00	0.00
	9	0.00	0.00	101.81	0.00	0.00	0.00
	10	0.00	0.00	101.56	0.00	0.00	0.00
	11	0.00	0.00	101.85	0.00	0.00	0.00
	12	0.00	0.00	101.42	0.00	0.00	0.00
	13	0.00	0.00	101.94	0.00	0.00	0.00
	14	0.00	0.00	101.69	0.00	0.00	0.00
	15	0.00	0.00	101.98	0.00	0.00	0.00
	16	0.00	0.00	101.55	0.00	0.00	0.00
	17	0.00	0.00	99.88	0.00	0.00	0.00
	18	0.00	0.00	99.46	0.00	0.00	0.00
	19	0.00	0.00	99.94	0.00	0.00	0.00
	20	0.00	0.00	99.23	0.00	0.00	0.00
	21	0.00	0.00	77.87	0.00	0.00	0.00
	22	0.00	0.00	77.70	0.00	0.00	0.00
	23	0.00	0.00	77.89	0.00	0.00	0.00
	24	0.00	0.00	77.61	0.00	0.00	0.00
	25	0.00	0.00	77.95	0.00	0.00	0.00
	26	0.00	0.00	77.78	0.00	0.00	0.00
	27	0.00	0.00	77.98	0.00	0.00	0.00
	28	0.00	0.00	77.69	0.00	0.00	0.00
	29	0.00	0.00	76.57	0.00	0.00	0.00
	30	0.00	0.00	76.29	0.00	0.00	0.00
	31	0.00	0.00	76.62	0.00	0.00	0.00
	32	0.00	0.00	76.14	0.00	0.00	0.00
	33	0.00	0.00	74.93	0.00	0.00	0.00
	34	0.00	0.00	75.51	0.00	0.00	0.00
	35	0.00	0.00	74.97	0.00	0.00	0.00
	36	0.00	0.00	74.91	0.00	0.00	0.00
	37	0.00	0.00	74.98	0.00	0.00	0.00
	38	0.00	0.00	74.88	0.00	0.00	0.00
	39	0.00	0.00	74.93	0.00	0.00	0.00
	40	0.00	0.00	5.73	0.00	0.00	0.00

41	0.00	0.00	5.77	0.00	0.00	0.00
42	0.00	0.00	2.26	0.00	0.00	0.00
43	0.00	0.00	1.89	0.00	0.00	0.00
44	0.00	0.00	81.33	0.00	0.00	0.00
45	0.00	0.00	79.98	0.00	0.00	0.00
46	0.00	0.00	81.22	0.00	0.00	0.00
47	0.00	0.00	80.09	0.00	0.00	0.00
48	0.00	0.00	69.88	0.00	0.00	0.00
49	0.00	0.00	68.52	0.00	0.00	0.00
50	0.00	0.00	69.77	0.00	0.00	0.00
51	0.00	0.00	68.64	0.00	0.00	0.00
52	0.00	0.00	81.38	0.00	0.00	0.00
53	0.00	0.00	80.02	0.00	0.00	0.00
54	0.00	0.00	81.26	0.00	0.00	0.00
55	0.00	0.00	80.13	0.00	0.00	0.00
56	0.00	0.00	69.84	0.00	0.00	0.00
57	0.00	0.00	68.48	0.00	0.00	0.00
58	0.00	0.00	69.73	0.00	0.00	0.00
59	0.00	0.00	68.59	0.00	0.00	0.00
60	0.00	0.00	78.91	0.00	0.00	0.00
61	0.00	0.00	75.47	0.00	0.00	0.00
62	0.00	0.00	78.92	0.00	0.00	0.00
63	0.00	0.00	75.46	0.00	0.00	0.00
64	0.00	0.00	74.39	0.00	0.00	0.00
65	0.00	0.00	70.95	0.00	0.00	0.00
66	0.00	0.00	74.40	0.00	0.00	0.00
67	0.00	0.00	70.94	0.00	0.00	0.00
68	0.00	0.00	78.53	0.00	0.00	0.00
69	0.00	0.00	75.10	0.00	0.00	0.00
70	0.00	0.00	78.55	0.00	0.00	0.00
71	0.00	0.00	75.09	0.00	0.00	0.00
72	0.00	0.00	74.76	0.00	0.00	0.00
73	0.00	0.00	71.32	0.00	0.00	0.00
74	0.00	0.00	74.77	0.00	0.00	0.00
75	0.00	0.00	71.31	0.00	0.00	0.00

142

GLOBAL

1	0.00	0.00	40.39	0.00	0.00	0.00
2	0.00	0.00	34.85	0.00	0.00	0.00
3	0.00	0.00	1.38	0.00	0.00	0.00
4	0.00	0.00	2.93	0.00	0.00	0.00
5	0.00	0.00	0.21	0.00	0.00	0.00
6	0.00	0.00	-0.12	0.00	0.00	0.00
7	0.00	0.00	0.60	0.00	0.00	0.00
8	0.00	0.00	-0.60	0.00	0.00	0.00
9	0.00	0.00	102.26	0.00	0.00	0.00
10	0.00	0.00	101.96	0.00	0.00	0.00
11	0.00	0.00	102.61	0.00	0.00	0.00
12	0.00	0.00	101.52	0.00	0.00	0.00
13	0.00	0.00	102.39	0.00	0.00	0.00
14	0.00	0.00	102.09	0.00	0.00	0.00

15	0.00	0.00	102.74	0.00	0.00	0.00
16	0.00	0.00	101.65	0.00	0.00	0.00
17	0.00	0.00	100.32	0.00	0.00	0.00
18	0.00	0.00	99.82	0.00	0.00	0.00
19	0.00	0.00	100.90	0.00	0.00	0.00
20	0.00	0.00	99.10	0.00	0.00	0.00
21	0.00	0.00	78.20	0.00	0.00	0.00
22	0.00	0.00	78.00	0.00	0.00	0.00
23	0.00	0.00	78.44	0.00	0.00	0.00
24	0.00	0.00	77.71	0.00	0.00	0.00
25	0.00	0.00	78.29	0.00	0.00	0.00
26	0.00	0.00	78.09	0.00	0.00	0.00
27	0.00	0.00	78.52	0.00	0.00	0.00
28	0.00	0.00	77.80	0.00	0.00	0.00
29	0.00	0.00	76.91	0.00	0.00	0.00
30	0.00	0.00	76.58	0.00	0.00	0.00
31	0.00	0.00	77.30	0.00	0.00	0.00
32	0.00	0.00	76.10	0.00	0.00	0.00
33	0.00	0.00	75.24	0.00	0.00	0.00
34	0.00	0.00	75.82	0.00	0.00	0.00
35	0.00	0.00	75.28	0.00	0.00	0.00
36	0.00	0.00	75.21	0.00	0.00	0.00
37	0.00	0.00	75.36	0.00	0.00	0.00
38	0.00	0.00	75.11	0.00	0.00	0.00
39	0.00	0.00	75.24	0.00	0.00	0.00
40	0.00	0.00	5.95	0.00	0.00	0.00
41	0.00	0.00	6.05	0.00	0.00	0.00
42	0.00	0.00	5.62	0.00	0.00	0.00
43	0.00	0.00	4.70	0.00	0.00	0.00
44	0.00	0.00	82.87	0.00	0.00	0.00
45	0.00	0.00	79.50	0.00	0.00	0.00
46	0.00	0.00	82.60	0.00	0.00	0.00
47	0.00	0.00	79.78	0.00	0.00	0.00
48	0.00	0.00	70.97	0.00	0.00	0.00
49	0.00	0.00	67.60	0.00	0.00	0.00
50	0.00	0.00	70.69	0.00	0.00	0.00
51	0.00	0.00	67.87	0.00	0.00	0.00
52	0.00	0.00	82.97	0.00	0.00	0.00
53	0.00	0.00	79.60	0.00	0.00	0.00
54	0.00	0.00	82.69	0.00	0.00	0.00
55	0.00	0.00	79.87	0.00	0.00	0.00
56	0.00	0.00	70.87	0.00	0.00	0.00
57	0.00	0.00	67.51	0.00	0.00	0.00
58	0.00	0.00	70.60	0.00	0.00	0.00
59	0.00	0.00	67.78	0.00	0.00	0.00
60	0.00	0.00	82.64	0.00	0.00	0.00
61	0.00	0.00	79.06	0.00	0.00	0.00
62	0.00	0.00	82.66	0.00	0.00	0.00
63	0.00	0.00	79.04	0.00	0.00	0.00
64	0.00	0.00	71.41	0.00	0.00	0.00

	65	0.00	0.00	67.83	0.00	0.00	0.00
	66	0.00	0.00	71.43	0.00	0.00	0.00
	67	0.00	0.00	67.81	0.00	0.00	0.00
	68	0.00	0.00	81.72	0.00	0.00	0.00
	69	0.00	0.00	78.15	0.00	0.00	0.00
	70	0.00	0.00	81.75	0.00	0.00	0.00
	71	0.00	0.00	78.12	0.00	0.00	0.00
	72	0.00	0.00	72.32	0.00	0.00	0.00
	73	0.00	0.00	68.75	0.00	0.00	0.00
	74	0.00	0.00	72.35	0.00	0.00	0.00
	75	0.00	0.00	68.72	0.00	0.00	0.00
143	GLOBAL						
	1	0.00	0.00	40.94	0.00	0.00	0.00
	2	0.00	0.00	35.00	0.00	0.00	0.00
	3	0.00	0.00	1.41	0.00	0.00	0.00
	4	0.00	0.00	2.98	0.00	0.00	0.00
	5	0.00	0.00	0.25	0.00	0.00	0.00
	6	0.00	0.00	-0.17	0.00	0.00	0.00
	7	0.00	0.00	0.97	0.00	0.00	0.00
	8	0.00	0.00	-0.97	0.00	0.00	0.00
	9	0.00	0.00	103.30	0.00	0.00	0.00
	10	0.00	0.00	102.92	0.00	0.00	0.00
	11	0.00	0.00	103.95	0.00	0.00	0.00
	12	0.00	0.00	102.21	0.00	0.00	0.00
	13	0.00	0.00	103.43	0.00	0.00	0.00
	14	0.00	0.00	103.05	0.00	0.00	0.00
	15	0.00	0.00	104.08	0.00	0.00	0.00
	16	0.00	0.00	102.34	0.00	0.00	0.00
	17	0.00	0.00	101.35	0.00	0.00	0.00
	18	0.00	0.00	100.71	0.00	0.00	0.00
	19	0.00	0.00	102.42	0.00	0.00	0.00
	20	0.00	0.00	99.52	0.00	0.00	0.00
	21	0.00	0.00	79.00	0.00	0.00	0.00
	22	0.00	0.00	78.74	0.00	0.00	0.00
	23	0.00	0.00	79.42	0.00	0.00	0.00
	24	0.00	0.00	78.26	0.00	0.00	0.00
	25	0.00	0.00	79.08	0.00	0.00	0.00
	26	0.00	0.00	78.83	0.00	0.00	0.00
	27	0.00	0.00	79.51	0.00	0.00	0.00
	28	0.00	0.00	78.35	0.00	0.00	0.00
	29	0.00	0.00	77.69	0.00	0.00	0.00
	30	0.00	0.00	77.27	0.00	0.00	0.00
	31	0.00	0.00	78.41	0.00	0.00	0.00
	32	0.00	0.00	76.47	0.00	0.00	0.00
	33	0.00	0.00	75.95	0.00	0.00	0.00
	34	0.00	0.00	76.54	0.00	0.00	0.00
	35	0.00	0.00	76.00	0.00	0.00	0.00
	36	0.00	0.00	75.91	0.00	0.00	0.00
	37	0.00	0.00	76.14	0.00	0.00	0.00
	38	0.00	0.00	75.75	0.00	0.00	0.00

39	0.00	0.00	75.95	0.00	0.00	0.00
40	0.00	0.00	6.40	0.00	0.00	0.00
41	0.00	0.00	6.54	0.00	0.00	0.00
42	0.00	0.00	8.94	0.00	0.00	0.00
43	0.00	0.00	7.49	0.00	0.00	0.00
44	0.00	0.00	85.03	0.00	0.00	0.00
45	0.00	0.00	79.66	0.00	0.00	0.00
46	0.00	0.00	84.59	0.00	0.00	0.00
47	0.00	0.00	80.10	0.00	0.00	0.00
48	0.00	0.00	72.23	0.00	0.00	0.00
49	0.00	0.00	66.86	0.00	0.00	0.00
50	0.00	0.00	71.80	0.00	0.00	0.00
51	0.00	0.00	67.30	0.00	0.00	0.00
52	0.00	0.00	85.16	0.00	0.00	0.00
53	0.00	0.00	79.80	0.00	0.00	0.00
54	0.00	0.00	84.73	0.00	0.00	0.00
55	0.00	0.00	80.23	0.00	0.00	0.00
56	0.00	0.00	72.09	0.00	0.00	0.00
57	0.00	0.00	66.73	0.00	0.00	0.00
58	0.00	0.00	71.66	0.00	0.00	0.00
59	0.00	0.00	67.16	0.00	0.00	0.00
60	0.00	0.00	86.81	0.00	0.00	0.00
61	0.00	0.00	82.97	0.00	0.00	0.00
62	0.00	0.00	86.85	0.00	0.00	0.00
63	0.00	0.00	82.93	0.00	0.00	0.00
64	0.00	0.00	68.92	0.00	0.00	0.00
65	0.00	0.00	65.08	0.00	0.00	0.00
66	0.00	0.00	68.96	0.00	0.00	0.00
67	0.00	0.00	65.04	0.00	0.00	0.00
68	0.00	0.00	85.36	0.00	0.00	0.00
69	0.00	0.00	81.52	0.00	0.00	0.00
70	0.00	0.00	85.40	0.00	0.00	0.00
71	0.00	0.00	81.48	0.00	0.00	0.00
72	0.00	0.00	70.37	0.00	0.00	0.00
73	0.00	0.00	66.53	0.00	0.00	0.00
74	0.00	0.00	70.41	0.00	0.00	0.00
75	0.00	0.00	66.49	0.00	0.00	0.00

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GLOBAL

1	0.00	0.00	41.85	0.00	0.00	0.00
2	0.00	0.00	35.23	0.00	0.00	0.00
3	0.00	0.00	1.46	0.00	0.00	0.00
4	0.00	0.00	3.09	0.00	0.00	0.00
5	0.00	0.00	0.30	0.00	0.00	0.00
6	0.00	0.00	-0.24	0.00	0.00	0.00
7	0.00	0.00	1.36	0.00	0.00	0.00
8	0.00	0.00	-1.36	0.00	0.00	0.00
9	0.00	0.00	104.98	0.00	0.00	0.00
10	0.00	0.00	104.49	0.00	0.00	0.00
11	0.00	0.00	105.93	0.00	0.00	0.00
12	0.00	0.00	103.48	0.00	0.00	0.00

13	0.00	0.00	105.11	0.00	0.00	0.00
14	0.00	0.00	104.63	0.00	0.00	0.00
15	0.00	0.00	106.06	0.00	0.00	0.00
16	0.00	0.00	103.62	0.00	0.00	0.00
17	0.00	0.00	102.98	0.00	0.00	0.00
18	0.00	0.00	102.17	0.00	0.00	0.00
19	0.00	0.00	104.56	0.00	0.00	0.00
20	0.00	0.00	100.49	0.00	0.00	0.00
21	0.00	0.00	80.26	0.00	0.00	0.00
22	0.00	0.00	79.94	0.00	0.00	0.00
23	0.00	0.00	80.90	0.00	0.00	0.00
24	0.00	0.00	79.27	0.00	0.00	0.00
25	0.00	0.00	80.35	0.00	0.00	0.00
26	0.00	0.00	80.03	0.00	0.00	0.00
27	0.00	0.00	80.99	0.00	0.00	0.00
28	0.00	0.00	79.36	0.00	0.00	0.00
29	0.00	0.00	78.93	0.00	0.00	0.00
30	0.00	0.00	78.39	0.00	0.00	0.00
31	0.00	0.00	79.99	0.00	0.00	0.00
32	0.00	0.00	77.27	0.00	0.00	0.00
33	0.00	0.00	77.08	0.00	0.00	0.00
34	0.00	0.00	77.70	0.00	0.00	0.00
35	0.00	0.00	77.14	0.00	0.00	0.00
36	0.00	0.00	77.03	0.00	0.00	0.00
37	0.00	0.00	77.35	0.00	0.00	0.00
38	0.00	0.00	76.81	0.00	0.00	0.00
39	0.00	0.00	77.08	0.00	0.00	0.00
40	0.00	0.00	7.01	0.00	0.00	0.00
41	0.00	0.00	7.21	0.00	0.00	0.00
42	0.00	0.00	12.57	0.00	0.00	0.00
43	0.00	0.00	10.53	0.00	0.00	0.00
44	0.00	0.00	87.86	0.00	0.00	0.00
45	0.00	0.00	80.32	0.00	0.00	0.00
46	0.00	0.00	87.25	0.00	0.00	0.00
47	0.00	0.00	80.93	0.00	0.00	0.00
48	0.00	0.00	73.84	0.00	0.00	0.00
49	0.00	0.00	66.30	0.00	0.00	0.00
50	0.00	0.00	73.23	0.00	0.00	0.00
51	0.00	0.00	66.91	0.00	0.00	0.00
52	0.00	0.00	88.06	0.00	0.00	0.00
53	0.00	0.00	80.52	0.00	0.00	0.00
54	0.00	0.00	87.45	0.00	0.00	0.00
55	0.00	0.00	81.13	0.00	0.00	0.00
56	0.00	0.00	73.65	0.00	0.00	0.00
57	0.00	0.00	66.11	0.00	0.00	0.00
58	0.00	0.00	73.04	0.00	0.00	0.00
59	0.00	0.00	66.72	0.00	0.00	0.00
60	0.00	0.00	91.75	0.00	0.00	0.00
61	0.00	0.00	87.54	0.00	0.00	0.00
62	0.00	0.00	91.81	0.00	0.00	0.00

	63	0.00	0.00	87.49	0.00	0.00	0.00
	64	0.00	0.00	66.62	0.00	0.00	0.00
	65	0.00	0.00	62.41	0.00	0.00	0.00
	66	0.00	0.00	66.68	0.00	0.00	0.00
	67	0.00	0.00	62.35	0.00	0.00	0.00
	68	0.00	0.00	89.71	0.00	0.00	0.00
	69	0.00	0.00	85.51	0.00	0.00	0.00
	70	0.00	0.00	89.77	0.00	0.00	0.00
	71	0.00	0.00	85.45	0.00	0.00	0.00
	72	0.00	0.00	68.66	0.00	0.00	0.00
	73	0.00	0.00	64.45	0.00	0.00	0.00
	74	0.00	0.00	68.71	0.00	0.00	0.00
	75	0.00	0.00	64.39	0.00	0.00	0.00
145	GLOBAL						
	1	0.00	0.00	43.02	0.00	0.00	0.00
	2	0.00	0.00	35.53	0.00	0.00	0.00
	3	0.00	0.00	1.52	0.00	0.00	0.00
	4	0.00	0.00	3.23	0.00	0.00	0.00
	5	0.00	0.00	0.36	0.00	0.00	0.00
	6	0.00	0.00	-0.31	0.00	0.00	0.00
	7	0.00	0.00	1.80	0.00	0.00	0.00
	8	0.00	0.00	-1.80	0.00	0.00	0.00
	9	0.00	0.00	107.15	0.00	0.00	0.00
	10	0.00	0.00	106.55	0.00	0.00	0.00
	11	0.00	0.00	108.45	0.00	0.00	0.00
	12	0.00	0.00	105.21	0.00	0.00	0.00
	13	0.00	0.00	107.29	0.00	0.00	0.00
	14	0.00	0.00	106.69	0.00	0.00	0.00
	15	0.00	0.00	108.59	0.00	0.00	0.00
	16	0.00	0.00	105.35	0.00	0.00	0.00
	17	0.00	0.00	105.08	0.00	0.00	0.00
	18	0.00	0.00	104.08	0.00	0.00	0.00
	19	0.00	0.00	107.25	0.00	0.00	0.00
	20	0.00	0.00	101.85	0.00	0.00	0.00
	21	0.00	0.00	81.91	0.00	0.00	0.00
	22	0.00	0.00	81.51	0.00	0.00	0.00
	23	0.00	0.00	82.78	0.00	0.00	0.00
	24	0.00	0.00	80.62	0.00	0.00	0.00
	25	0.00	0.00	82.00	0.00	0.00	0.00
	26	0.00	0.00	81.60	0.00	0.00	0.00
	27	0.00	0.00	82.87	0.00	0.00	0.00
	28	0.00	0.00	80.71	0.00	0.00	0.00
	29	0.00	0.00	80.53	0.00	0.00	0.00
	30	0.00	0.00	79.86	0.00	0.00	0.00
	31	0.00	0.00	81.97	0.00	0.00	0.00
	32	0.00	0.00	78.38	0.00	0.00	0.00
	33	0.00	0.00	78.56	0.00	0.00	0.00
	34	0.00	0.00	79.20	0.00	0.00	0.00
	35	0.00	0.00	78.63	0.00	0.00	0.00
	36	0.00	0.00	78.49	0.00	0.00	0.00

37	0.00	0.00	78.92	0.00	0.00	0.00
38	0.00	0.00	78.20	0.00	0.00	0.00
39	0.00	0.00	78.56	0.00	0.00	0.00
40	0.00	0.00	7.72	0.00	0.00	0.00
41	0.00	0.00	7.99	0.00	0.00	0.00
42	0.00	0.00	16.77	0.00	0.00	0.00
43	0.00	0.00	14.03	0.00	0.00	0.00
44	0.00	0.00	91.30	0.00	0.00	0.00
45	0.00	0.00	81.24	0.00	0.00	0.00
46	0.00	0.00	90.48	0.00	0.00	0.00
47	0.00	0.00	82.06	0.00	0.00	0.00
48	0.00	0.00	75.87	0.00	0.00	0.00
49	0.00	0.00	65.81	0.00	0.00	0.00
50	0.00	0.00	75.05	0.00	0.00	0.00
51	0.00	0.00	66.63	0.00	0.00	0.00
52	0.00	0.00	91.58	0.00	0.00	0.00
53	0.00	0.00	81.52	0.00	0.00	0.00
54	0.00	0.00	90.76	0.00	0.00	0.00
55	0.00	0.00	82.34	0.00	0.00	0.00
56	0.00	0.00	75.59	0.00	0.00	0.00
57	0.00	0.00	65.53	0.00	0.00	0.00
58	0.00	0.00	74.77	0.00	0.00	0.00
59	0.00	0.00	66.35	0.00	0.00	0.00
60	0.00	0.00	97.64	0.00	0.00	0.00
61	0.00	0.00	93.01	0.00	0.00	0.00
62	0.00	0.00	97.72	0.00	0.00	0.00
63	0.00	0.00	92.93	0.00	0.00	0.00
64	0.00	0.00	64.10	0.00	0.00	0.00
65	0.00	0.00	59.47	0.00	0.00	0.00
66	0.00	0.00	64.19	0.00	0.00	0.00
67	0.00	0.00	59.39	0.00	0.00	0.00
68	0.00	0.00	94.90	0.00	0.00	0.00
69	0.00	0.00	90.27	0.00	0.00	0.00
70	0.00	0.00	94.99	0.00	0.00	0.00
71	0.00	0.00	90.19	0.00	0.00	0.00
72	0.00	0.00	66.84	0.00	0.00	0.00
73	0.00	0.00	62.21	0.00	0.00	0.00
74	0.00	0.00	66.92	0.00	0.00	0.00
75	0.00	0.00	62.13	0.00	0.00	0.00

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{ 662} > LIST SEC FOR MEM 16 TO 21 25 TO 30 31 TO 36 37 TO 52 SEC FRA 3 0.0 0.5 1.0
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*RESULTS OF LATEST ANALYSES*
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PROBLEM - SSE_26+2 TITLE - NONE GIVEN

ACTIVE UNITS M KN RAD DEGF SEC

INTERNAL MEMBER RESULTS

MEMBER SECTION FORCES

--- MEMBER 16 ---

LOADING 1 G1 - PESI PROPRI STRUTTURALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	14.59480	0.4293315	-29.48496	-1.256779	-16.02744	-0.5592977
0.500		14.59480	0.4293315	13.33104	-1.256779	-45.76491	-1.933159
1.000		14.59480	0.4293315	70.73904	-1.256779	84.85603	-3.307019

LOADING 2 G2 - SOVRACCARICHI PERMANENTI PORTATI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	18.68418	0.9214163E-01	-5.758644	-0.8423972	-7.380526	-0.4560225
0.500		18.68418	0.9214163E-01	3.145356	-0.8423972	-13.75059	-0.7508757
1.000		18.68418	0.9214163E-01	20.25735	-0.8423972	21.50495	-1.045729

LOADING 3 Qk - SOVRACCARICHI ACCIDENTALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	3.836614	0.3621207E-01	-0.6580105	-0.5266506E-01	-2.960812	-0.5392798E-01
0.500		3.836614	0.3621207E-01	0.9659895	-0.5266506E-01	-3.078178	-0.1698066
1.000		3.836614	0.3621207E-01	4.877990	-0.5266506E-01	5.662055	-0.2856852

LOADING 4 Qn - NEVE

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	4.240497	0.7385393E-01	-3.881378	-0.4568971E-01	-3.273521	-0.6396629E-01

0.500	4.240497	0.7385393E-01	2.038622	-0.4568971E-01	-7.194731	-0.3002989
1.000	4.240497	0.7385393E-01	11.60662	-0.4568971E-01	13.66486	-0.5366315

LOADING 5 Qv (+X) - VENTO IN DIREZIONE X, VERSO POSITIVO

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-8.886320	0.7634435E-04	0.9744222	0.1160506E-01	-2.400517	0.2133023
0.500	-8.886320	0.7634435E-04	0.9744222	0.1160506E-01	0.7176343	0.2130580
1.000	-8.886320	0.7634435E-04	0.9744222	0.1160506E-01	3.835786	0.2128137

LOADING 6 Qv (-X) - VENTO IN DIREZIONE X, VERSO NEGATIVO

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	5.240681	0.2088152E-01	-0.9399650	-0.7786550E-02	2.359644	-0.1065811
0.500	5.240681	0.2088152E-01	-0.9399650	-0.7786550E-02	-0.6482437	-0.1734020
1.000	5.240681	0.2088152E-01	-0.9399650	-0.7786550E-02	-3.656132	-0.2402228

LOADING 7 Qv (+Y) - VENTO IN DIREZIONE Y, VERSO POSITIVO

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-7.746583	0.3137897	-0.9012269	-0.1714343	2.904708	1.248522
0.500	-7.746583	0.3137897	-0.9012269	-0.1714343	0.2078124E-01	0.2443949
1.000	-7.746583	0.3137897	-0.9012269	-0.1714343	-2.863145	-0.7597321

LOADING 8 Qv (-Y) - VENTO IN DIREZIONE Y, VERSO NEGATIVO

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	7.744332	-0.2867091	0.8633213	0.1711567	-2.777575	-1.154310
0.500	7.744332	-0.2867091	0.8633213	0.1711567	-0.1494646E-01	-0.2368411
1.000	7.744332	-0.2867091	0.8633213	0.1711567	2.747682	0.6806279

LOADING 9

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	44.20027	0.7876923	-48.83775	-2.831749	-39.48718	-1.256811

0.500	44.20027	0.7876923	25.27425	-2.831749	-86.73759	-3.777426
1.000	44.20027	0.7876923	135.1942	-2.831749	160.4632	-6.298041

LOADING 10

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	56.91457	0.8064170	-50.56070	-2.849202	-35.20304	-1.544706
0.500	56.91457	0.8064170	23.55130	-2.849202	-87.96688	-4.125240
1.000	56.91457	0.8064170	133.4713	-2.849202	153.7205	-6.705774

LOADING 11

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	45.22603	1.070034	-50.52584	-2.996485	-34.71248	-0.3251133
0.500	45.22603	1.070034	23.58616	-2.996485	-87.36475	-3.749223
1.000	45.22603	1.070034	133.5062	-2.996485	154.4342	-7.173333

LOADING 12

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	59.16786	0.5295854	-48.93774	-2.688153	-39.82653	-2.487662
0.500	59.16786	0.5295854	25.17426	-2.688153	-87.39691	-4.182335
1.000	59.16786	0.5295854	135.0943	-2.688153	159.4839	-5.877009

LOADING 13

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	41.62572	0.7887647	-50.76176	-2.787019	-37.50111	-1.223894
0.500	41.62572	0.7887647	25.35423	-2.787019	-87.51637	-3.747941
1.000	41.62572	0.7887647	136.5822	-2.787019	162.2188	-6.271987

LOADING 14

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	54.34003	0.8074893	-52.48472	-2.804471	-33.21696	-1.511789

0.500	54.34003	0.8074893	23.63128	-2.804471	-88.74565	-4.095755
1.000	54.34003	0.8074893	134.8593	-2.804471	155.4760	-6.679720

LOADING 15

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	42.65149	1.071107	-52.44985	-2.951754	-32.72641	-0.2921961
0.500	42.65149	1.071107	23.66615	-2.951754	-88.14354	-3.719737
1.000	42.65149	1.071107	134.8941	-2.951754	156.1897	-7.147278

LOADING 16

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	56.59331	0.5306578	-50.86176	-2.643422	-37.84046	-2.454745
0.500	56.59331	0.5306578	25.25424	-2.643422	-88.17569	-4.152850
1.000	56.59331	0.5306578	136.4822	-2.643422	161.2395	-5.850955

LOADING 17

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	33.11356	0.7334200	-47.26608	-2.745789	-36.48628	-1.047938
0.500	33.11356	0.7334200	24.40992	-2.745789	-81.68974	-3.394881
1.000	33.11356	0.7334200	128.4619	-2.745789	154.2716	-5.741826

LOADING 18

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	54.30406	0.7646278	-50.13766	-2.774876	-29.34604	-1.527763
0.500	54.30406	0.7646278	21.53834	-2.774876	-83.73856	-3.974571
1.000	54.30406	0.7646278	125.5903	-2.774876	143.0337	-6.421381

LOADING 19

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	34.82316	1.203990	-50.07956	-3.020348	-28.52844	0.5048918

0.500	34.82316	1.203990	21.59644	-3.020348	-82.73502	-3.347876
1.000	34.82316	1.203990	125.6484	-3.020348	144.2232	-7.200644

LOADING 20

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	58.05954	0.3032419	-47.43273	-2.506461	-37.05186	-3.099356
0.500	58.05954	0.3032419	24.24327	-2.506461	-82.78860	-4.069730
1.000	58.05954	0.3032419	128.2953	-2.506461	152.6394	-5.040104

LOADING 21

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	33.90405	0.5946580	-37.25765	-2.167723	-29.44585	-0.9732500
0.500	33.90405	0.5946580	19.04635	-2.167723	-65.76046	-2.876155
1.000	33.90405	0.5946580	102.2624	-2.167723	121.1569	-4.779061

LOADING 22

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	42.38025	0.6071411	-38.40628	-2.179358	-26.58976	-1.165180
0.500	42.38025	0.6071411	17.89772	-2.179358	-66.57999	-3.108031
1.000	42.38025	0.6071411	101.1137	-2.179358	116.6618	-5.050883

LOADING 23

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	34.58789	0.7828860	-38.38304	-2.277547	-26.26272	-0.3521182
0.500	34.58789	0.7828860	17.92096	-2.277547	-66.17857	-2.857353
1.000	34.58789	0.7828860	101.1370	-2.277547	117.1376	-5.362588

LOADING 24

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	43.88243	0.4225867	-37.32431	-2.071992	-29.67209	-1.793817

0.500	43.88243	0.4225867	18.97969	-2.071992	-66.20000	-3.146095
1.000	43.88243	0.4225867	102.1957	-2.071992	120.5041	-4.498373

LOADING 25

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	32.18768	0.5953729	-38.54033	-2.137903	-28.12180	-0.9513051
0.500	32.18768	0.5953729	19.09967	-2.137903	-66.27964	-2.856498
1.000	32.18768	0.5953729	103.1877	-2.137903	122.3273	-4.761692

LOADING 26

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	40.66388	0.6078560	-39.68896	-2.149538	-25.26571	-1.143235
0.500	40.66388	0.6078560	17.95104	-2.149538	-67.09917	-3.088374
1.000	40.66388	0.6078560	102.0390	-2.149538	117.8322	-5.033513

LOADING 27

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	32.87152	0.7836009	-39.66572	-2.247726	-24.93867	-0.3301734
0.500	32.87152	0.7836009	17.97429	-2.247726	-66.69776	-2.837696
1.000	32.87152	0.7836009	102.0623	-2.247726	118.3080	-5.345219

LOADING 28

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	42.16607	0.4233016	-38.60699	-2.042172	-28.34804	-1.771873
0.500	42.16607	0.4233016	19.03301	-2.042172	-66.71919	-3.126438
1.000	42.16607	0.4233016	103.1210	-2.042172	121.6744	-4.481003

LOADING 29

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	26.51290	0.5584764	-36.20987	-2.110416	-27.44525	-0.8340010

0.500	26.51290	0.5584764	18.47013	-2.110416	-62.39523	-2.621126
1.000	26.51290	0.5584764	97.77413	-2.110416	117.0292	-4.408250

LOADING 30

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	40.63990	0.5792816	-38.12426	-2.129807	-22.68509	-1.153885
0.500	40.63990	0.5792816	16.55575	-2.129807	-63.76110	-3.007586
1.000	40.63990	0.5792816	95.85975	-2.129807	109.5373	-4.861287

LOADING 31

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	27.65264	0.8721898	-38.08552	-2.293455	-22.14003	0.2012184
0.500	27.65264	0.8721898	16.59448	-2.293455	-63.09208	-2.589789
1.000	27.65264	0.8721898	95.89848	-2.293455	110.3303	-5.380796

LOADING 32

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	43.14356	0.2716910	-36.32097	-1.950864	-27.82230	-2.201613
0.500	43.14356	0.2716910	18.35903	-1.950864	-63.12780	-3.071025
1.000	43.14356	0.2716910	97.66303	-1.950864	115.9411	-3.940436

LOADING 33

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	33.27897	0.5214731	-35.24360	-2.099176	-23.40797	-1.015320
0.500	33.27897	0.5214731	16.47640	-2.099176	-59.51550	-2.684034
1.000	33.27897	0.5214731	90.99640	-2.099176	106.3610	-4.352748

LOADING 34

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	34.12708	0.5362439	-36.01988	-2.108314	-24.06268	-1.028113

0.500	34.12708	0.5362439	16.88412	-2.108314	-60.95444	-2.744094
1.000	34.12708	0.5362439	93.31772	-2.108314	109.0940	-4.460074

LOADING 35

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	31.50171	0.5214884	-35.04872	-2.096855	-23.88807	-0.9726598
0.500	31.50171	0.5214884	16.67128	-2.096855	-59.37197	-2.641423
1.000	31.50171	0.5214884	91.19128	-2.096855	107.1281	-4.310185

LOADING 36

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	34.32711	0.5256494	-35.43159	-2.100734	-22.93604	-1.036636
0.500	34.32711	0.5256494	16.28841	-2.100734	-59.64514	-2.718715
1.000	34.32711	0.5256494	90.80841	-2.100734	105.6298	-4.400793

LOADING 37

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	31.72966	0.5842310	-35.42385	-2.133463	-22.82703	-0.7656159
0.500	31.72966	0.5842310	16.29615	-2.133463	-59.51134	-2.635155
1.000	31.72966	0.5842310	90.81615	-2.133463	105.7883	-4.504695

LOADING 38

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	34.82784	0.4641313	-35.07094	-2.064945	-23.96348	-1.246182
0.500	34.82784	0.4641313	16.64906	-2.064945	-59.51849	-2.731402
1.000	34.82784	0.4641313	91.16906	-2.064945	106.9105	-4.216623

LOADING 39

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	33.27897	0.5214731	-35.24360	-2.099176	-23.40797	-1.015320

0.500	33.27897	0.5214731	16.47640	-2.099176	-59.51550	-2.684034
1.000	33.27897	0.5214731	90.99640	-2.099176	106.3610	-4.352748

LOADING 40 EX + ey: SISMA X positivo, eccentricità positiva

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-32.72923	-1.488849	18.78948	0.3603626	-47.53889	-1.321980
0.500	-32.72923	-1.488849	18.78948	0.3603626	12.58744	3.442336
1.000	-32.72923	-1.488849	18.78948	0.3603626	72.71376	8.206652

LOADING 41 EX - ey: SISMA X positivo, eccentricità negativa

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-24.41114	-1.306124	22.04010	-0.2753708	-56.00735	-1.436900
0.500	-24.41114	-1.306124	22.04010	-0.2753708	14.52097	2.742698
1.000	-24.41114	-1.306124	22.04010	-0.2753708	85.04929	6.922295

LOADING 42 EY + ex: SISMA Y positivo, eccentricità positiva

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	5.590898	1.055830	-6.909986	-0.6899224	23.85608	3.612113
0.500	5.590898	1.055830	-6.909986	-0.6899224	1.744119	0.2334578
1.000	5.590898	1.055830	-6.909986	-0.6899224	-20.36784	-3.145197

LOADING 43 EY - ex: SISMA Y positivo, eccentricità negativa

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	11.95306	1.650705	-9.871198	-0.3384058	32.97079	4.623032
0.500	11.95306	1.650705	-9.871198	-0.3384058	1.382962	-0.6592230
1.000	11.95306	1.650705	-9.871198	-0.3384058	-30.20487	-5.941478

LOADING 44

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	2.227010	-0.6506267	-18.52712	-1.945790	-63.79004	-1.253666

0.500	2.227010	-0.6506267	33.19288	-1.945790	-46.40482	0.8283392
1.000	2.227010	-0.6506267	107.7129	-1.945790	172.9644	2.910345

LOADING 45

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-1.127528	-1.284124	-14.38113	-1.531837	-78.10368	-3.420934
0.500	-1.127528	-1.284124	37.33887	-1.531837	-47.45129	0.6882644
1.000	-1.127528	-1.284124	111.8589	-1.531837	185.1851	4.797463

LOADING 46

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	4.135660	-0.4721642	-19.41549	-1.840335	-61.05562	-0.9503905
0.500	4.135660	-0.4721642	32.30452	-1.840335	-46.51317	0.5605349
1.000	4.135660	-0.4721642	106.8245	-1.840335	170.0133	2.071460

LOADING 47

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-3.036179	-1.462587	-13.49277	-1.637292	-80.83810	-3.724210
0.500	-3.036179	-1.462587	38.22723	-1.637292	-47.34295	0.9560687
1.000	-3.036179	-1.462587	112.7472	-1.637292	188.1362	5.636347

LOADING 48

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	67.68548	2.327071	-56.10608	-2.666515	31.28774	1.390293
0.500	67.68548	2.327071	-4.386074	-2.666515	-71.57970	-6.056333
1.000	67.68548	2.327071	70.13393	-2.666515	27.53687	-13.50296

LOADING 49

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	64.33094	1.693573	-51.96008	-2.252562	16.97410	-0.7769741

0.500	64.33094	1.693573	-0.2400821	-2.252562	-72.62617	-6.196408
1.000	64.33094	1.693573	74.27992	-2.252562	39.75757	-11.61584

LOADING 50

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	69.59413	2.505533	-56.99444	-2.561060	34.02216	1.693569
0.500	69.59413	2.505533	-5.274437	-2.561060	-71.68804	-6.324137
1.000	69.59413	2.505533	69.24557	-2.561060	24.58576	-14.34184

LOADING 51

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	62.42229	1.515110	-51.07172	-2.358017	14.23968	-1.080250
0.500	62.42229	1.515110	0.6482814	-2.358017	-72.51781	-5.928603
1.000	62.42229	1.515110	75.16828	-2.358017	42.70868	-10.77696

LOADING 52

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	10.54511	-0.4679021	-15.27650	-2.581524	-72.25850	-1.368586
0.500	10.54511	-0.4679021	36.44350	-2.581524	-44.47129	0.1287006
1.000	10.54511	-0.4679021	110.9635	-2.581524	185.2999	1.625987

LOADING 53

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	7.190570	-1.101400	-11.13051	-2.167570	-86.57214	-3.535854
0.500	7.190570	-1.101400	40.58950	-2.167570	-45.51777	-0.1137407E-01
1.000	7.190570	-1.101400	115.1095	-2.167570	197.5206	3.513105

LOADING 54

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	12.45376	-0.2894396	-16.16486	-2.476068	-69.52409	-1.065310

0.500	12.45376	-0.2894396	35.55514	-2.476068	-44.57964	-0.1391036
1.000	12.45376	-0.2894396	110.0751	-2.476068	182.3488	0.7871031

LOADING 55

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	5.281920	-1.279862	-10.24214	-2.273025	-89.30656	-3.839130
0.500	5.281920	-1.279862	41.47786	-2.273025	-45.40942	0.2564301
1.000	5.281920	-1.279862	115.9979	-2.273025	200.4717	4.351990

LOADING 56

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	59.36738	2.144346	-59.35670	-2.030782	39.75620	1.505213
0.500	59.36738	2.144346	-7.636697	-2.030782	-73.51322	-5.356694
1.000	59.36738	2.144346	66.88330	-2.030782	15.20134	-12.21860

LOADING 57

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	56.01284	1.510848	-55.21070	-1.616829	25.44256	-0.6620544
0.500	56.01284	1.510848	-3.490705	-1.616829	-74.55970	-5.496769
1.000	56.01284	1.510848	71.02930	-1.616829	27.42205	-10.33148

LOADING 58

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	61.27603	2.322809	-60.24506	-1.925327	42.49062	1.808489
0.500	61.27603	2.322809	-8.525060	-1.925327	-73.62157	-5.624498
1.000	61.27603	2.322809	65.99494	-1.925327	12.25023	-13.05749

LOADING 59

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	54.10419	1.332386	-54.32234	-1.722284	22.70814	-0.9653302

0.500	54.10419	1.332386	-2.602341	-1.722284	-74.45135	-5.228964
1.000	54.10419	1.332386	71.91766	-1.722284	30.37316	-9.492599

LOADING 60

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	29.05110	1.130648	-36.51675	-2.680990	-13.81356	2.200198
0.500	29.05110	1.130648	15.20326	-2.680990	-53.99515	-1.417876
1.000	29.05110	1.130648	89.72325	-2.680990	107.8073	-5.035949

LOADING 61

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	48.68864	2.023957	-47.79043	-2.897207	14.70977	2.993386
0.500	48.68864	2.023957	3.929569	-2.897207	-61.54761	-3.483277
1.000	48.68864	2.023957	78.44956	-2.897207	64.17901	-9.959941

LOADING 62

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	31.54653	1.185465	-35.54156	-2.871710	-16.35410	2.165722
0.500	31.54653	1.185465	16.17844	-2.871710	-53.41509	-1.627767
1.000	31.54653	1.185465	90.69845	-2.871710	111.5079	-5.421257

LOADING 63

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	46.19321	1.969140	-48.76562	-2.706487	17.25031	3.027862
0.500	46.19321	1.969140	2.954382	-2.706487	-62.12767	-3.273386
1.000	46.19321	1.969140	77.47438	-2.706487	60.47836	-9.574634

LOADING 64

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	17.86931	-0.9810110	-22.69677	-1.301145	-61.52571	-5.024027

0.500	17.86931	-0.9810110	29.02323	-1.301145	-57.48339	-1.884791
1.000	17.86931	-0.9810110	103.5432	-1.301145	148.5429	1.254444

LOADING 65

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	37.50685	-0.8770177E-01	-33.97046	-1.517362	-33.00238	-4.230839
0.500	37.50685	-0.8770177E-01	17.74954	-1.517362	-65.03584	-3.950193
1.000	37.50685	-0.8770177E-01	92.26954	-1.517362	104.9147	-3.669547

LOADING 66

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	20.36474	-0.9261936	-21.72159	-1.491865	-64.06625	-5.058503
0.500	20.36474	-0.9261936	29.99841	-1.491865	-56.90332	-2.094683
1.000	20.36474	-0.9261936	104.5184	-1.491865	152.2436	0.8691369

LOADING 67

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	35.01142	-0.1425192	-34.94564	-1.326643	-30.46184	-4.196363
0.500	35.01142	-0.1425192	16.77435	-1.326643	-65.61590	-3.740301
1.000	35.01142	-0.1425192	91.29435	-1.326643	101.2140	-3.284240

LOADING 68

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	35.41327	1.725523	-39.47796	-2.329473	-4.698843	3.211118
0.500	35.41327	1.725523	12.24204	-2.329473	-54.35630	-2.310556
1.000	35.41327	1.725523	86.76205	-2.329473	97.97024	-7.832230

LOADING 69

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	55.05081	2.618832	-50.75164	-2.545691	23.82449	4.004306

0.500	55.05081	2.618832	0.9683578	-2.545691	-61.90877	-4.375958
1.000	55.05081	2.618832	75.48836	-2.545691	54.34198	-12.75622

LOADING 70

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	37.90870	1.780341	-38.50277	-2.520193	-7.239383	3.176642
0.500	37.90870	1.780341	13.21723	-2.520193	-53.77625	-2.520448
1.000	37.90870	1.780341	87.73724	-2.520193	101.6709	-8.217537

LOADING 71

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	52.55538	2.564015	-51.72683	-2.354971	26.36503	4.038782
0.500	52.55538	2.564015	-0.6829006E-02	-2.354971	-62.48882	-4.166067
1.000	52.55538	2.564015	74.51317	-2.354971	50.64132	-12.37091

LOADING 72

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	11.50714	-1.575886	-19.73556	-1.652662	-70.64043	-6.034946
0.500	11.50714	-1.575886	31.98444	-1.652662	-57.12222	-0.9921105
1.000	11.50714	-1.575886	106.5044	-1.652662	158.3800	4.050725

LOADING 73

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	31.14468	-0.6825769	-31.00925	-1.868879	-42.11710	-5.241758
0.500	31.14468	-0.6825769	20.71075	-1.868879	-64.67469	-3.057512
1.000	31.14468	-0.6825769	95.23075	-1.868879	114.7517	-0.8732663

LOADING 74

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	14.00257	-1.521069	-18.76037	-1.843381	-73.18097	-6.069422

0.500	14.00257	-1.521069	32.95963	-1.843381	-56.54217	-1.202002
1.000	14.00257	-1.521069	107.4796	-1.843381	162.0806	3.665418

LOADING 75

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	28.64925	-0.7373943	-31.98444	-1.678159	-39.57656	-5.207282
0.500	28.64925	-0.7373943	19.73557	-1.678159	-65.25475	-2.847620
1.000	28.64925	-0.7373943	94.25556	-1.678159	111.0511	-0.4879590

MEMBER 17

LOADING 1 G1 - PESI PROPRI STRUTTURALI

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	11.61736	1.348780	-65.50502	-0.4929021E-01	73.90379	5.451521
0.500	11.61736	1.348780	-1.306520	-0.4929021E-01	-32.15953	1.169145
1.000	11.61736	1.348780	62.89198	-0.4929021E-01	65.60739	-3.113231

LOADING 2 G2 - SOVRACCARICHI PERMANENTI PORTATI

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	14.99517	0.4612038	-21.57086	-0.5178014E-01	23.96360	1.874048
0.500	14.99517	0.4612038	-0.5206054	-0.5178014E-01	-11.10660	0.4097264
1.000	14.99517	0.4612038	20.52965	-0.5178014E-01	20.65775	-1.054596

LOADING 3 Qk - SOVRACCARICHI ACCIDENTALI

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	3.138373	0.1322576	-5.113020	0.7874665E-03	5.669229	0.5351444
0.500	3.138373	0.1322576	-0.9652047E-01	0.7874665E-03	-2.600918	0.1152266
1.000	3.138373	0.1322576	4.919980	0.7874665E-03	5.056324	-0.3046912

LOADING 4 Qn - NEVE

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	3.398686	0.2305183	-11.48164	0.5349562E-02	12.72307	0.9276341
0.500		3.398686	0.2305183	-0.1786402	0.5349562E-02	-5.787627	0.1957384
1.000		3.398686	0.2305183	11.12436	0.5349562E-02	11.58870	-0.5361573

LOADING 5 Qv (+X) - VENTO IN DIREZIONE X, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-4.104256	-0.1080782	1.596794	0.1107724E-03	-5.238773	-0.4038575
0.500		-4.104256	-0.1080782	1.596794	0.1107724E-03	-0.1689536	-0.6070918E-01
1.000		-4.104256	-0.1080782	1.596794	0.1107724E-03	4.900866	0.2824392

LOADING 6 Qv (-X) - VENTO IN DIREZIONE X, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	0.6090733	0.9478768E-01	-1.579022	-0.7968364E-03	5.170121	0.3520190
0.500		0.6090733	0.9478768E-01	-1.579022	-0.7968364E-03	0.1567273	0.5106808E-01
1.000		0.6090733	0.9478768E-01	-1.579022	-0.7968364E-03	-4.856666	-0.2498828

LOADING 7 Qv (+Y) - VENTO IN DIREZIONE Y, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-10.62066	1.233701	0.1075485	-0.2458991	-0.8346959	3.462172
0.500		-10.62066	1.233701	0.1075485	-0.2458991	-0.4932292	-0.4548296
1.000		-10.62066	1.233701	0.1075485	-0.2458991	-0.1517626	-4.371831

LOADING 8 Qv (-Y) - VENTO IN DIREZIONE Y, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	10.55004	-1.237457	-0.1063169	0.2459522	0.8179371	-3.481665
0.500		10.55004	-1.237457	-0.1063169	0.2459522	0.4803808	0.4472619
1.000		10.55004	-1.237457	-0.1063169	0.2459522	0.1428245	4.376189

LOADING 9

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	38.15904	2.626983	-128.0423	-0.1260984	140.5589	10.65821
0.500	38.15904	2.626983	-1.216910	-0.1260984	-64.64011	2.317537
1.000	38.15904	2.626983	125.6085	-0.1260984	132.8315	-6.023135

LOADING 10

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	42.40104	2.809563	-130.9005	-0.1269152	149.9268	11.33850
0.500	42.40104	2.809563	-4.075143	-0.1269152	-64.34700	2.418137
1.000	42.40104	2.809563	122.7502	-0.1269152	124.0497	-6.502224

LOADING 11

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	32.29427	3.834585	-129.3826	-0.3475072	144.5225	14.13764
0.500	32.29427	3.834585	-2.557230	-0.3475072	-64.93195	1.962829
1.000	32.29427	3.834585	124.2681	-0.3475072	128.2841	-10.21198

LOADING 12

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	51.34790	1.610542	-129.5751	0.9515893E-01	146.0099	7.888183
0.500	51.34790	1.610542	-2.749709	0.9515893E-01	-64.05571	2.774712
1.000	51.34790	1.610542	124.0757	0.9515893E-01	128.5492	-2.338760

LOADING 13

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	36.00049	2.601486	-128.9840	-0.1232674	141.5973	10.55122
0.500	36.00049	2.601486	-1.206109	-0.1232674	-65.07945	2.291502
1.000	36.00049	2.601486	126.5718	-0.1232674	133.9385	-5.968215

LOADING 14

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	40.24249	2.784065	-131.8422	-0.1240843	150.9653	11.23151
0.500		40.24249	2.784065	-4.064342	-0.1240843	-64.78634	2.392101
1.000		40.24249	2.784065	123.7135	-0.1240843	125.1567	-6.447306

LOADING 15

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	30.13573	3.809087	-130.3243	-0.3446763	145.5610	14.03064
0.500		30.13573	3.809087	-2.546429	-0.3446763	-65.37130	1.936793
1.000		30.13573	3.809087	125.2314	-0.3446763	129.3912	-10.15706

LOADING 16

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	49.18936	1.585045	-130.5168	0.9798990E-01	147.0484	7.781192
0.500		49.18936	1.585045	-2.738908	0.9798990E-01	-64.49505	2.748675
1.000		49.18936	1.585045	125.0390	0.9798990E-01	129.6563	-2.283841

LOADING 17

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	30.98892	2.363750	-119.4147	-0.1272131	128.9117	9.613179
0.500		30.98892	2.363750	-0.1140526	-0.1272131	-60.84011	2.108272
1.000		30.98892	2.363750	119.1866	-0.1272131	128.1875	-5.396634

LOADING 18

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	38.05892	2.668049	-124.1784	-0.1285745	144.5251	10.74699
0.500		38.05892	2.668049	-4.877775	-0.1285745	-60.35159	2.275938
1.000		38.05892	2.668049	114.4228	-0.1285745	113.5512	-6.195117

LOADING 19

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	21.21432	4.376419	-121.6485	-0.4962279	135.5179	15.41222
0.500		21.21432	4.376419	-2.347920	-0.4962279	-61.32652	1.517092
1.000		21.21432	4.376419	116.9527	-0.4962279	120.6086	-12.37804

LOADING 20

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	52.97037	0.6696813	-121.9693	0.2415491	137.9968	4.996467
0.500		52.97037	0.6696813	-2.668718	0.2415491	-59.86611	2.870229
1.000		52.97037	0.6696813	116.6319	0.2415491	121.0504	0.7439908

LOADING 21

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	28.98770	1.992653	-96.97163	-0.9754164E-01	106.7549	8.082216
0.500		28.98770	1.992653	-1.054890	-0.9754164E-01	-48.86222	1.755541
1.000		28.98770	1.992653	94.86186	-0.9754164E-01	100.0563	-4.571133

LOADING 22

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	31.81570	2.114373	-98.87713	-0.9808621E-01	113.0002	8.535742
0.500		31.81570	2.114373	-2.960379	-0.9808621E-01	-48.66682	1.822608
1.000		31.81570	2.114373	92.95637	-0.9808621E-01	94.20182	-4.890527

LOADING 23

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	25.07785	2.797721	-97.86518	-0.2451476	109.3973	10.40183
0.500		25.07785	2.797721	-1.948437	-0.2451476	-49.05679	1.519069
1.000		25.07785	2.797721	93.96832	-0.2451476	97.02476	-7.363696

LOADING 24

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	37.78027	1.315026	-97.99351	0.4996325E-01	110.3889	6.235531
0.500		37.78027	1.315026	-2.076756	0.4996325E-01	-48.47262	2.060324
1.000		37.78027	1.315026	93.84000	0.4996325E-01	97.20152	-2.114883

LOADING 25

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	27.54867	1.975655	-97.59943	-0.9565433E-01	107.4472	8.010888
0.500		27.54867	1.975655	-1.047689	-0.9565433E-01	-49.15512	1.738184
1.000		27.54867	1.975655	95.50407	-0.9565433E-01	100.7944	-4.534521

LOADING 26

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	30.37667	2.097375	-99.50493	-0.9619890E-01	113.6925	8.464415
0.500		30.37667	2.097375	-2.953178	-0.9619890E-01	-48.95971	1.805250
1.000		30.37667	2.097375	93.59857	-0.9619890E-01	94.93985	-4.853914

LOADING 27

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	23.63882	2.780723	-98.49298	-0.2432602	110.0896	10.33051
0.500		23.63882	2.780723	-1.941236	-0.2432602	-49.34969	1.501711
1.000		23.63882	2.780723	94.61051	-0.2432602	97.76279	-7.327083

LOADING 28

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	36.34125	1.298028	-98.62130	0.5185056E-01	111.0812	6.164204
0.500		36.34125	1.298028	-2.069556	0.5185056E-01	-48.76552	2.042967
1.000		36.34125	1.298028	94.48220	0.5185056E-01	97.93954	-2.078271

LOADING 29

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	24.20762	1.817165	-91.21990	-0.9828480E-01	98.99015	7.385528
0.500		24.20762	1.817165	-0.3196518	-0.9828480E-01	-46.32889	1.616031
1.000		24.20762	1.817165	90.58060	-0.9828480E-01	96.96037	-4.153467

LOADING 30

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	28.92095	2.020030	-94.39572	-0.9919240E-01	109.3990	8.141405
0.500		28.92095	2.020030	-3.495467	-0.9919240E-01	-46.00320	1.727808
1.000		28.92095	2.020030	87.40479	-0.9919240E-01	87.20284	-4.685788

LOADING 31

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	17.69122	3.158944	-92.70914	-0.3442946	103.3942	11.25156
0.500		17.69122	3.158944	-1.808897	-0.3442946	-46.65316	1.221910
1.000		17.69122	3.158944	89.09135	-0.3442946	91.90774	-8.807736

LOADING 32

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	38.86192	0.6877853	-92.92301	0.1475567	105.0469	4.307720
0.500		38.86192	0.6877853	-2.022762	0.1475567	-45.67955	2.124002
1.000		38.86192	0.6877853	88.87749	0.1475567	92.20232	-0.5971654E-01

LOADING 33

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	26.61254	1.809984	-87.07587	-0.1010704	97.86739	7.325569
0.500		26.61254	1.809984	-1.827125	-0.1010704	-43.26612	1.578871
1.000		26.61254	1.809984	83.42162	-0.1010704	86.26514	-4.167827

LOADING 34

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	27.29227	1.856087	-89.37220	-0.1000004	100.4120	7.511096
0.500	27.29227	1.856087	-1.862853	-0.1000004	-44.42365	1.618019
1.000	27.29227	1.856087	85.64649	-0.1000004	88.58289	-4.275058

LOADING 35

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	25.79168	1.788368	-86.75652	-0.1010482	96.81963	7.244797
0.500	25.79168	1.788368	-1.507767	-0.1010482	-43.29991	1.566729
1.000	25.79168	1.788368	83.74098	-0.1010482	87.24532	-4.111339

LOADING 36

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	26.73435	1.828941	-87.39168	-0.1012297	98.90141	7.395973
0.500	26.73435	1.828941	-2.142930	-0.1012297	-43.23478	1.589085
1.000	26.73435	1.828941	83.10582	-0.1012297	85.29382	-4.217803

LOADING 37

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	24.48840	2.056724	-87.05436	-0.1502502	97.70045	8.018003
0.500	24.48840	2.056724	-1.805616	-0.1502502	-43.36477	1.487905
1.000	24.48840	2.056724	83.44314	-0.1502502	86.23479	-5.042193

LOADING 38

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	28.72254	1.562492	-87.09713	-0.5187991E-01	98.03097	6.629236
0.500	28.72254	1.562492	-1.848389	-0.5187991E-01	-43.17004	1.668323
1.000	28.72254	1.562492	83.40036	-0.5187991E-01	86.29371	-3.292589

LOADING 39

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	26.61254	1.809984	-87.07587	-0.1010704	97.86739	7.325569
0.500	26.61254	1.809984	-1.827125	-0.1010704	-43.26612	1.578871
1.000	26.61254	1.809984	83.42162	-0.1010704	86.26514	-4.167827

LOADING 40 EX + ey: SISMA X positivo, eccentricità positiva

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-11.57065	-0.7724051	32.90982	-0.1211254	-107.6197	-2.642695
0.500	-11.57065	-0.7724051	32.90982	-0.1211254	-3.131059	-0.1903094
1.000	-11.57065	-0.7724051	32.90982	-0.1211254	101.3576	2.262077

LOADING 41 EX - ey: SISMA X positivo, eccentricità negativa

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-9.374150	-4.743604	36.31392	0.1689999	-118.7896	-16.47874
0.500	-9.374150	-4.743604	36.31392	0.1689999	-3.492957	-1.417797
1.000	-9.374150	-4.743604	36.31392	0.1689999	111.8037	13.64314

LOADING 42 EY + ex: SISMA Y positivo, eccentricità positiva

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-1.263273	-0.7811070	0.3841203	-0.3731340	-3.545772	-2.306857
0.500	-1.263273	-0.7811070	0.3841203	-0.3731340	-2.326190	0.1731573
1.000	-1.263273	-0.7811070	0.3841203	-0.3731340	-1.106608	2.653172

LOADING 43 EY - ex: SISMA Y positivo, eccentricità negativa

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-0.2477665	-3.872005	-2.561055	0.9226763	5.496017	-13.25367
0.500	-0.2477665	-3.872005	-2.561055	0.9226763	-2.635334	-0.9600517
1.000	-0.2477665	-3.872005	-2.561055	0.9226763	-10.76669	11.33357

LOADING 44

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	14.66291	0.8032465	-54.05082	-0.3341360	-10.81608	3.990816	
0.500	14.66291	0.8032465	31.19793	-0.3341360	-47.09504	1.440509	
1.000	14.66291	0.8032465	116.4467	-0.3341360	187.2908	-1.109799	

LOADING 45

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	15.42087	1.271911	-54.28129	-0.1102556	-8.688621	5.374931	
0.500	15.42087	1.271911	30.96746	-0.1102556	-45.69932	1.336614	
1.000	15.42087	1.271911	116.2162	-0.1102556	187.9548	-2.701702	

LOADING 46

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	14.96756	-0.1240231	-54.93437	0.5460715E-01	-8.103547	0.7067726	
0.500	14.96756	-0.1240231	30.31438	0.5460715E-01	-47.18778	1.100546	
1.000	14.96756	-0.1240231	115.5631	0.5460715E-01	184.3928	1.494320	

LOADING 47

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	15.11622	2.199180	-53.39774	-0.4989987	-11.40116	8.658975	
0.500	15.11622	2.199180	31.85101	-0.4989987	-45.60658	1.676577	
1.000	15.11622	2.199180	117.0998	-0.4989987	190.8528	-5.305820	

LOADING 48

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	37.80420	2.348057	-119.8705	-0.9188513E-01	204.4234	9.276207	
0.500	37.80420	2.348057	-34.62171	-0.9188513E-01	-40.83292	1.821128	
1.000	37.80420	2.348057	50.62704	-0.9188513E-01	-15.42446	-5.633952	

LOADING 49

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	38.56216	2.816721	-120.1009	0.1319952	206.5509	10.66032	
0.500	38.56216	2.816721	-34.85218	0.1319952	-39.43721	1.717233	
1.000	38.56216	2.816721	50.39656	0.1319952	-14.76050	-7.225855	

LOADING 50

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	38.10885	1.420787	-120.7540	0.2968580	207.1359	5.992164	
0.500	38.10885	1.420787	-35.50526	0.2968580	-40.92566	1.481165	
1.000	38.10885	1.420787	49.74348	0.2968580	-18.32249	-3.029834	

LOADING 51

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	38.25751	3.743990	-119.2174	-0.2567479	203.8383	13.94437	
0.500	38.25751	3.743990	-33.96863	-0.2567479	-39.34446	2.057196	
1.000	38.25751	3.743990	51.28012	-0.2567479	-11.86247	-9.829973	

LOADING 52

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	16.85940	-3.167952	-50.64672	-0.4401069E-01	-21.98599	-9.845227	
0.500	16.85940	-3.167952	34.60203	-0.4401069E-01	-47.45694	0.2130216	
1.000	16.85940	-3.167952	119.8508	-0.4401069E-01	197.7369	10.27127	

LOADING 53

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	17.61737	-2.699288	-50.87719	0.1798697	-19.85853	-8.461111	
0.500	17.61737	-2.699288	34.37156	0.1798697	-46.06122	0.1091272	
1.000	17.61737	-2.699288	119.6203	0.1798697	198.4009	8.679366	

LOADING 54

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	17.16405	-4.095222	-51.53027	0.3447324	-19.27345	-13.12927
0.500		17.16405	-4.095222	33.71848	0.3447324	-47.54968	-0.1269411
1.000		17.16405	-4.095222	118.9672	0.3447324	194.8389	12.87539

LOADING 55

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	17.31272	-1.772018	-49.99364	-0.2088734	-22.57106	-5.177068
0.500		17.31272	-1.772018	35.25511	-0.2088734	-45.96848	0.4490899
1.000		17.31272	-1.772018	120.5039	-0.2088734	201.2989	6.075248

LOADING 56

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	35.60770	6.319255	-123.2746	-0.3820104	215.5933	23.11225
0.500		35.60770	6.319255	-38.02581	-0.3820104	-40.47102	3.048615
1.000		35.60770	6.319255	47.22294	-0.3820104	-25.87057	-17.01502

LOADING 57

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	36.36567	6.787919	-123.5050	-0.1581300	217.7208	24.49636
0.500		36.36567	6.787919	-38.25628	-0.1581300	-39.07531	2.944721
1.000		36.36567	6.787919	46.99247	-0.1581300	-25.20661	-18.60692

LOADING 58

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	35.91236	5.391986	-124.1581	0.6732708E-02	218.3058	19.82821
0.500		35.91236	5.391986	-38.90936	0.6732708E-02	-40.56377	2.708652
1.000		35.91236	5.391986	46.33939	0.6732708E-02	-28.76860	-14.41090

LOADING 59

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	36.06102	7.715189	-122.6215	-0.5468732	215.0082	27.78041	
0.500	36.06102	7.715189	-37.37273	-0.5468732	-38.98257	3.284683	
1.000	36.06102	7.715189	47.87602	-0.5468732	-22.30859	-21.21104	

LOADING 60

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	21.87807	0.7971551	-76.81880	-0.5105419	62.03570	4.225903	
0.500	21.87807	0.7971551	8.429942	-0.5105419	-46.53163	1.694935	
1.000	21.87807	0.7971551	93.67870	-0.5105419	115.5658	-0.8360320	

LOADING 61

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	28.82046	1.260598	-96.56470	-0.4378667	126.6076	5.811520	
0.500	28.82046	1.260598	-11.31595	-0.4378667	-44.65300	1.809121	
1.000	28.82046	1.260598	73.93279	-0.4378667	54.75124	-2.193278	

LOADING 62

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	22.53702	-0.3942045	-75.79758	-0.4235044	58.68472	0.7509000E-01	
0.500	22.53702	-0.3942045	9.451171	-0.4235044	-46.64020	1.326689	
1.000	22.53702	-0.3942045	94.69992	-0.4235044	118.6997	2.578289	

LOADING 63

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	28.16151	2.451958	-97.58593	-0.5249043	129.9585	9.962333	
0.500	28.16151	2.451958	-12.33718	-0.5249043	-44.54442	2.177367	
1.000	28.16151	2.451958	72.91156	-0.5249043	51.61741	-5.607598	

LOADING 64

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	24.40462	2.359369	-77.58704	0.2357260	69.12724	8.839618
0.500		24.40462	2.359369	7.661702	0.2357260	-41.87925	1.348621
1.000		24.40462	2.359369	92.91045	0.2357260	117.7790	-6.142376

LOADING 65

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	31.34700	2.822812	-97.33294	0.3084012	133.6991	10.42523
0.500		31.34700	2.822812	-12.08419	0.3084012	-40.00061	1.462807
1.000		31.34700	2.822812	73.16456	0.3084012	56.96447	-7.499622

LOADING 66

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	25.06356	1.168010	-76.56582	0.3227636	65.77626	4.688805
0.500		25.06356	1.168010	8.682931	0.3227636	-41.98782	0.9803746
1.000		25.06356	1.168010	93.93168	0.3227636	120.9129	-2.728055

LOADING 67

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	30.68806	4.014172	-98.35417	0.2213636	137.0500	14.57605
0.500		30.68806	4.014172	-13.10542	0.2213636	-39.89204	1.831053
1.000		30.68806	4.014172	72.14333	0.2213636	53.83063	-10.91394

LOADING 68

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	22.89358	-2.293743	-79.76398	0.7852684	71.07748	-6.720909
0.500		22.89358	-2.293743	5.484766	0.7852684	-46.84077	0.5617265
1.000		22.89358	-2.293743	90.73351	0.7852684	105.9057	7.844361

LOADING 69

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	29.83596	-1.830300	-99.50988	0.8579435	135.6493	-5.135292
0.500		29.83596	-1.830300	-14.26113	0.8579435	-44.96214	0.6759121
1.000		29.83596	-1.830300	70.98762	0.8579435	45.09117	6.487115

LOADING 70

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	23.55252	-3.485103	-78.74276	0.8723059	67.72651	-10.87172
0.500		23.55252	-3.485103	6.505995	0.8723059	-46.94934	0.1934803
1.000		23.55252	-3.485103	91.75475	0.8723059	109.0396	11.25868

LOADING 71

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	29.17702	-0.6389408	-100.5311	0.7709060	139.0003	-0.9844786
0.500		29.17702	-0.6389408	-15.28236	0.7709060	-44.85357	1.044158
1.000		29.17702	-0.6389408	69.96639	0.7709060	41.95734	3.072795

LOADING 72

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	23.38911	5.450268	-74.64187	-1.060084	60.08545	19.78643
0.500		23.38911	5.450268	10.60688	-1.060084	-41.57010	2.481830
1.000		23.38911	5.450268	95.85563	-1.060084	127.4391	-14.82277

LOADING 73

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	30.33150	5.913711	-94.38777	-0.9874090	124.6573	21.37205
0.500		30.33150	5.913711	-9.139017	-0.9874090	-39.69147	2.596015
1.000		30.33150	5.913711	76.10973	-0.9874090	66.62454	-16.18002

LOADING 74

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	24.04806	4.258908	-73.62064	-0.9730467	56.73448	15.63562
0.500		24.04806	4.258908	11.62811	-0.9730467	-41.67867	2.113584
1.000		24.04806	4.258908	96.87685	-0.9730467	130.5730	-11.40845

LOADING 75

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	29.67255	7.105070	-95.40899	-1.074447	128.0083	25.52286
0.500		29.67255	7.105070	-10.16025	-1.074447	-39.58290	2.964262
1.000		29.67255	7.105070	75.08850	-1.074447	63.49071	-19.59434

MEMBER 18

LOADING 1 G1 - PESI PROPRI STRUTTURALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	11.61635	-1.349195	-62.89298	0.4929043E-01	65.61044	-3.114512
0.500		11.61635	-1.349195	1.305524	0.4929043E-01	-32.15966	1.169181
1.000		11.61635	-1.349195	65.50403	0.4929043E-01	73.90051	5.452874

LOADING 2 G2 - SOVRACCARICHI PERMANENTI PORTATI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	14.99352	-0.4617616	-20.53118	0.5177512E-01	20.66245	-1.056331
0.500		14.99352	-0.4617616	0.5190721	0.5177512E-01	-11.10678	0.4097620
1.000		14.99352	-0.4617616	21.56932	0.5177512E-01	23.95856	1.875855

LOADING 3 Qk - SOVRACCARICHI ACCIDENTALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	3.138134	-0.1323513	-4.920212	-0.7875495E-03	5.057034	-0.3049794
0.500		3.138134	-0.1323513	0.9628841E-01	-0.7875495E-03	-2.600944	0.1152360
1.000		3.138134	-0.1323513	5.112789	-0.7875495E-03	5.668467	0.5354514

LOADING 4 Qn - NEVE

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	3.398292	-0.2306806	-11.12475	-0.5349366E-02	11.58990	-0.5366548
0.500		3.398292	-0.2306806	0.1782499	-0.5349366E-02	-5.787673	0.1957562
1.000		3.398292	-0.2306806	11.48125	-0.5349366E-02	12.72179	0.9281673

LOADING 5 Qv (+X) - VENTO IN DIREZIONE X, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	0.7669864	-0.9272544E-01	1.563443	0.8080392E-03	-4.829021	-0.2457856
0.500		0.7669864	-0.9272544E-01	1.563443	0.8080392E-03	0.1349127	0.4861771E-01
1.000		0.7669864	-0.9272544E-01	1.563443	0.8080392E-03	5.098845	0.3430210

LOADING 6 Qv (-X) - VENTO IN DIREZIONE X, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-4.262154	0.1060189	-1.581202	-0.1217953E-03	4.873181	0.2783520
0.500		-4.262154	0.1060189	-1.581202	-0.1217953E-03	-0.1471371	-0.5825796E-01
1.000		-4.262154	0.1060189	-1.581202	-0.1217953E-03	-5.167455	-0.3948679

LOADING 7 Qv (+Y) - VENTO IN DIREZIONE Y, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-10.62254	-1.237595	-0.1119713	0.2460748	-0.1380593	-4.382930
0.500		-10.62254	-1.237595	-0.1119713	0.2460748	-0.4935683	-0.4535662
1.000		-10.62254	-1.237595	-0.1119713	0.2460748	-0.8490773	3.475798

LOADING 8 Qv (-Y) - VENTO IN DIREZIONE Y, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	10.55184	1.241329	0.1106763	-0.2461283	0.1293147	4.387219
0.500		10.55184	1.241329	0.1106763	-0.2461283	0.4807121	0.4459992
1.000		10.55184	1.241329	0.1106763	-0.2461283	0.8321096	-3.495221

LOADING 9

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	42.53904	-2.809233	-122.7682	0.1269191	124.0866	-6.503263
0.500		42.53904	-2.809233	4.057194	0.1269191	-64.36712	2.416053
1.000		42.53904	-2.809233	130.8826	0.1269191	149.8498	11.33537

LOADING 10

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	38.01281	-2.630363	-125.5984	0.1260822	132.8186	-6.031539
0.500		38.01281	-2.630363	1.227013	0.1260822	-64.62096	2.319865
1.000		38.01281	-2.630363	128.0524	0.1260822	140.6101	10.67127

LOADING 11

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	32.28847	-3.839616	-124.2761	0.3476591	128.3085	-10.22669
0.500		32.28847	-3.839616	2.549321	0.3476591	-64.93275	1.964087
1.000		32.28847	-3.839616	129.3747	0.3476591	144.4966	14.15487

LOADING 12

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	51.34541	-1.608584	-124.0757	-0.9532358E-01	128.5491	-2.333559
0.500		51.34541	-1.608584	2.749704	-0.9532358E-01	-64.05589	2.773696
1.000		51.34541	-1.608584	129.5751	-0.9532358E-01	146.0097	7.880952

LOADING 13

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	40.38055	-2.783717	-123.7314	0.1240884	125.1935	-6.448286
0.500		40.38055	-2.783717	4.046449	0.1240884	-64.80645	2.390016
1.000		40.38055	-2.783717	131.8243	0.1240884	150.8884	11.22832

LOADING 14

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	35.85433	-2.604847	-126.5616	0.1232515	133.9254	-5.976562
0.500		35.85433	-2.604847	1.216268	0.1232515	-65.06030	2.293828
1.000		35.85433	-2.604847	128.9941	0.1232515	141.6488	10.56422

LOADING 15

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	30.12999	-3.814099	-125.2393	0.3448285	129.4153	-10.17172
0.500		30.12999	-3.814099	2.538576	0.3448285	-65.37209	1.938051
1.000		30.12999	-3.814099	130.3165	0.3448285	145.5353	14.04782

LOADING 16

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	49.18693	-1.583068	-125.0389	-0.9815428E-01	129.6560	-2.278581
0.500		49.18693	-1.583068	2.738958	-0.9815428E-01	-64.49523	2.747659
1.000		49.18693	-1.583068	130.5168	-0.9815428E-01	147.0484	7.773900

LOADING 17

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	38.29203	-2.666342	-114.4498	0.1285852	113.6036	-6.193266
0.500		38.29203	-2.666342	4.850827	0.1285852	-60.38475	2.272370
1.000		38.29203	-2.666342	124.1515	0.1285852	144.4064	10.73800

LOADING 18

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	30.74832	-2.368225	-119.1668	0.1271905	128.1569	-5.407060
0.500		30.74832	-2.368225	0.1338587	0.1271905	-60.80783	2.112056
1.000		30.74832	-2.368225	119.4345	0.1271905	129.0069	9.631172

LOADING 19

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	21.20774	-4.383646	-116.9629	0.4964854	120.6401	-12.39898
0.500		21.20774	-4.383646	2.337705	0.4964854	-61.32747	1.519094
1.000		21.20774	-4.383646	121.6383	0.4964854	135.4845	15.43717

LOADING 20

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	52.96931	-0.6652598	-116.6290	-0.2418192	121.0411	0.7562416
0.500		52.96931	-0.6652598	2.671677	-0.2418192	-59.86605	2.868442
1.000		52.96931	-0.6652598	121.9723	-0.2418192	138.0063	4.980642

LOADING 21

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	31.90734	-2.114283	-92.96868	0.9808814E-01	94.22745	-4.891622
0.500		31.90734	-2.114283	2.948076	0.9808814E-01	-48.68027	1.821228
1.000		31.90734	-2.114283	98.86483	0.9808814E-01	112.9477	8.534077

LOADING 22

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	28.88986	-1.995037	-94.85547	0.9753023E-01	100.0488	-4.577139
0.500		28.88986	-1.995037	1.061288	0.9753023E-01	-48.84950	1.757102
1.000		28.88986	-1.995037	96.97804	0.9753023E-01	106.7879	8.091344

LOADING 23

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	25.07363	-2.801205	-93.97393	0.2452482	97.04202	-7.373908
0.500		25.07363	-2.801205	1.942827	0.2452482	-49.05736	1.519917
1.000		25.07363	-2.801205	97.85958	0.2452482	109.3790	10.41374

LOADING 24

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	37.77826	-1.313850	-93.84034	-0.5007365E-01	97.20245	-2.111819
0.500		37.77826	-1.313850	2.076415	-0.5007365E-01	-48.47279	2.059657
1.000		37.77826	-1.313850	97.99317	-0.5007365E-01	110.3877	6.231132

LOADING 25

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	30.46835	-2.097272	-93.61084	0.9620100E-01	94.96536	-4.854970
0.500		30.46835	-2.097272	2.940912	0.9620100E-01	-48.97316	1.803870
1.000		30.46835	-2.097272	99.49267	0.9620100E-01	113.6402	8.462709

LOADING 26

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	27.45087	-1.978026	-95.49763	0.9564310E-01	100.7867	-4.540487
0.500		27.45087	-1.978026	1.054125	0.9564310E-01	-49.14239	1.739744
1.000		27.45087	-1.978026	97.60588	0.9564310E-01	107.4804	8.019977

LOADING 27

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	23.63464	-2.784194	-94.61610	0.2433611	97.77994	-7.337257
0.500		23.63464	-2.784194	1.935663	0.2433611	-49.35025	1.502560
1.000		23.63464	-2.784194	98.48742	0.2433611	110.0714	10.34238

LOADING 28

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	36.33927	-1.296839	-94.48250	-0.5196078E-01	97.94037	-2.075166
0.500		36.33927	-1.296839	2.069252	-0.5196078E-01	-48.76568	2.042299
1.000		36.33927	-1.296839	98.62101	-0.5196078E-01	111.0801	6.159764

LOADING 29

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	29.07600	-2.019022	-87.42309	0.9919890E-01	87.23881	-4.684956
0.500		29.07600	-2.019022	3.477165	0.9919890E-01	-46.02536	1.725439
1.000		29.07600	-2.019022	94.37742	0.9919890E-01	109.3188	8.135835

LOADING 30

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	24.04686	-1.820278	-90.56773	0.9826906E-01	96.94101	-4.160819
0.500		24.04686	-1.820278	0.3325187	0.9826906E-01	-46.30741	1.618563
1.000		24.04686	-1.820278	91.23277	0.9826906E-01	99.05250	7.397945

LOADING 31

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	17.68648	-3.163892	-89.09850	0.3444657	91.92976	-8.822102
0.500		17.68648	-3.163892	1.801750	0.3444657	-46.65384	1.223255
1.000		17.68648	-3.163892	92.70200	0.3444657	103.3709	11.26861

LOADING 32

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	38.86086	-0.6849675	-88.87585	-0.1477374	92.19714	-0.5195154E-01
0.500		38.86086	-0.6849675	2.024397	-0.1477374	-45.67956	2.122820
1.000		38.86086	-0.6849675	92.92465	-0.1477374	105.0521	4.297592

LOADING 33

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	26.60987	-1.810956	-83.42416	0.1010655	86.27287	-4.170844
0.500		26.60987	-1.810956	1.824596	0.1010655	-43.26643	1.578943
1.000		26.60987	-1.810956	87.07335	0.1010655	97.85906	7.328729

LOADING 34

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	27.28953	-1.857092	-85.64911	0.9999567E-01	88.59086	-4.278174
0.500		27.28953	-1.857092	1.860246	0.9999567E-01	-44.42397	1.618094
1.000		27.28953	-1.857092	89.36960	0.9999567E-01	100.4034	7.514363

LOADING 35

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	26.76327	-1.829501	-83.11147	0.1012271	85.30707	-4.220001
0.500		26.76327	-1.829501	2.137285	0.1012271	-43.23945	1.588666
1.000		26.76327	-1.829501	87.38604	0.1012271	98.87883	7.397334

LOADING 36

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	25.75744	-1.789753	-83.74039	0.1010412	87.24751	-4.115173
0.500		25.75744	-1.789753	1.508356	0.1010412	-43.29586	1.567291
1.000		25.75744	-1.789753	86.75711	0.1010412	96.82558	7.249756

LOADING 37

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	24.48536	-2.058475	-83.44655	0.1502805	86.24526	-5.047430
0.500		24.48536	-2.058475	1.802202	0.1502805	-43.36515	1.488230
1.000		24.48536	-2.058475	87.05096	0.1502805	97.68924	8.023890

LOADING 38

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	28.72024	-1.562690	-83.40202	0.5183989E-01	86.29874	-3.293400
0.500		28.72024	-1.562690	1.846731	0.5183989E-01	-43.17029	1.668143
1.000		28.72024	-1.562690	87.09548	0.5183989E-01	98.02549	6.629685

LOADING 39

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	26.60987	-1.810956	-83.42416	0.1010655	86.27287	-4.170844
0.500		26.60987	-1.810956	1.824596	0.1010655	-43.26643	1.578943
1.000		26.60987	-1.810956	87.07335	0.1010655	97.85906	7.328729

LOADING 40 EX + ey: SISMA X positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	14.75247	-0.7328682	32.59624	-0.1204518	-100.7988	-2.185998
0.500		14.75247	-0.7328682	32.59624	-0.1204518	2.694268	0.1408586
1.000		14.75247	-0.7328682	32.59624	-0.1204518	106.1873	2.467715

LOADING 41 EX - ey: SISMA X positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	12.98813	-4.695135	35.95541	0.1687850	-111.1689	-13.54459
0.500		12.98813	-4.695135	35.95541	0.1687850	2.989531	1.362463
1.000		12.98813	-4.695135	35.95541	0.1687850	117.1480	16.26952

LOADING 42 EY + ex: SISMA Y positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-0.1422210	3.844042	2.515373	-0.9215240	-10.64232	11.25320
0.500		-0.1422210	3.844042	2.515373	-0.9215240	-2.656010	-0.9516311
1.000		-0.1422210	3.844042	2.515373	-0.9215240	5.330301	-13.15646

LOADING 43 EY - ex: SISMA Y positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-1.394830	0.7482699	-0.4052686	0.3747694	-1.023716	2.560544
0.500		-1.394830	0.7482699	-0.4052686	0.3747694	-2.310444	0.1847866
1.000		-1.394830	0.7482699	-0.4052686	0.3747694	-3.597172	-2.190970

LOADING 44

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	41.31968	-1.390612	-50.07331	-0.2958435	-17.71861	-2.980881
0.500		41.31968	-1.390612	35.17545	-0.2958435	-41.36897	1.434312
1.000		41.31968	-1.390612	120.4242	-0.2958435	205.6455	5.849506

LOADING 45

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	41.40501	-3.697037	-51.58253	0.2570709	-11.33322	-9.732801
0.500		41.40501	-3.697037	33.66622	0.2570709	-39.77536	2.005291
1.000		41.40501	-3.697037	118.9150	0.2570709	202.4473	13.74338

LOADING 46

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	40.94389	-2.319344	-50.94950	0.9304456E-01	-14.83303	-5.588678
0.500		40.94389	-2.319344	34.29925	0.9304456E-01	-41.26530	1.775238
1.000		40.94389	-2.319344	119.5480	0.9304456E-01	202.9672	9.139153

LOADING 47

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	41.78079	-2.768306	-50.70634	-0.1318171	-14.21880	-7.125005
0.500		41.78079	-2.768306	34.54242	-0.1318171	-39.87904	1.664366
1.000		41.78079	-2.768306	119.7912	-0.1318171	205.1255	10.45374

LOADING 48

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	11.81473	0.7512443E-01	-115.2658	-0.5493986E-01	183.8790	1.391115
0.500		11.81473	0.7512443E-01	-30.01703	-0.5493986E-01	-46.75750	1.152595
1.000		11.81473	0.7512443E-01	55.23172	-0.5493986E-01	-6.729175	0.9140749

LOADING 49

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	11.90007	-2.231301	-116.7750	0.4979745	190.2644	-5.360806
0.500		11.90007	-2.231301	-31.52625	0.4979745	-45.16390	1.723574
1.000		11.90007	-2.231301	53.72250	0.4979745	-9.927355	8.807954

LOADING 50

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	11.43895	-0.8536071	-116.1420	0.3339482	186.7645	-1.216682
0.500		11.43895	-0.8536071	-30.89322	0.3339482	-46.65384	1.493520
1.000		11.43895	-0.8536071	54.35553	0.3339482	-9.407415	4.203723

LOADING 51

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	12.27585	-1.302569	-115.8988	0.1090865	187.3788	-2.753009
0.500		12.27585	-1.302569	-30.65006	0.1090865	-45.26757	1.382648
1.000		12.27585	-1.302569	54.59869	0.1090865	-7.249113	5.518305

LOADING 52

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	39.55534	-5.352879	-46.71414	-0.6606651E-02	-28.08873	-14.33947
0.500		39.55534	-5.352879	38.53462	-0.6606651E-02	-41.07371	2.655917
1.000		39.55534	-5.352879	123.7834	-0.6606651E-02	216.6061	19.65131

LOADING 53

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	39.64067	-7.659304	-48.22336	0.5463078	-21.70333	-21.09140
0.500		39.64067	-7.659304	37.02540	0.5463078	-39.48010	3.226896
1.000		39.64067	-7.659304	122.2741	0.5463078	213.4079	27.54519

LOADING 54

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	39.17955	-6.281610	-47.59033	0.3822814	-25.20315	-16.94727
0.500		39.17955	-6.281610	37.65842	0.3822814	-40.97004	2.996842
1.000		39.17955	-6.281610	122.9072	0.3822814	213.9279	22.94096

LOADING 55

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	40.01645	-6.730572	-47.34716	0.1574197	-24.58891	-18.48360
0.500		40.01645	-6.730572	37.90159	0.1574197	-39.58377	2.885971
1.000		40.01645	-6.730572	123.1503	0.1574197	216.0862	24.25554

LOADING 56

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	13.57907	4.037392	-118.6250	-0.3441767	194.2491	12.74971
0.500		13.57907	4.037392	-33.37620	-0.3441767	-47.05277	-0.6900991E-01
1.000		13.57907	4.037392	51.87255	-0.3441767	-17.68982	-12.88773

LOADING 57

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	13.66440	1.730966	-120.1342	0.2087377	200.6345	5.997788
0.500		13.66440	1.730966	-34.88543	0.2087377	-45.45916	0.5019688
1.000		13.66440	1.730966	50.36333	0.2087377	-20.88800	-4.993850

LOADING 58

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	13.20329	3.108660	-119.5012	0.4471136E-01	197.1347	10.14191
0.500		13.20329	3.108660	-34.25240	0.4471136E-01	-46.94910	0.2719154
1.000		13.20329	3.108660	50.99636	0.4471136E-01	-20.36806	-9.598081

LOADING 59

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	14.04019	2.659698	-119.2580	-0.1801503	197.7489	8.605585
0.500		14.04019	2.659698	-34.00924	-0.1801503	-45.56284	0.1610435
1.000		14.04019	2.659698	51.23952	-0.1801503	-18.20975	-8.283498

LOADING 60

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	30.89339	1.813225	-71.12991	-0.8565940	45.39091	6.426558
0.500		30.89339	1.813225	14.11884	-0.8565940	-45.11416	0.6695694
1.000		30.89339	1.813225	99.36760	-0.8565940	135.0456	-5.087420

LOADING 61

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	22.04191	2.252946	-90.68765	-0.7843229	105.8702	7.738157
0.500		22.04191	2.252946	-5.438902	-0.7843229	-46.73072	0.5850542
1.000		22.04191	2.252946	79.80985	-0.7843229	71.33316	-6.568048

LOADING 62

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	30.36409	0.6245446	-70.12216	-0.7698229	42.27988	3.018980
0.500		30.36409	0.6245446	15.12659	-0.7698229	-45.02559	1.036051
1.000		30.36409	0.6245446	100.3753	-0.7698229	138.3337	-0.9468783

LOADING 63

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	22.57121	3.441626	-91.69540	-0.8710940	108.9812	11.14574
0.500		22.57121	3.441626	-6.446654	-0.8710940	-46.81931	0.2185727
1.000		22.57121	3.441626	78.80210	-0.8710940	68.04497	-10.70859

LOADING 64

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	31.17783	-5.874858	-76.16066	0.9864540	66.67556	-16.07984
0.500		31.17783	-5.874858	9.088095	0.9864540	-39.80215	2.572832
1.000		31.17783	-5.874858	94.33685	0.9864540	124.3850	21.22551

LOADING 65

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	22.32635	-5.435138	-95.71841	1.058725	127.1548	-14.76825
0.500		22.32635	-5.435138	-10.46965	1.058725	-41.41870	2.488317
1.000		22.32635	-5.435138	74.77911	1.058725	60.67256	19.74488

LOADING 66

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	30.64853	-7.063539	-75.15291	1.073225	63.56452	-19.48742
0.500		30.64853	-7.063539	10.09585	1.073225	-39.71357	2.939313
1.000		30.64853	-7.063539	95.34460	1.073225	127.6731	25.36605

LOADING 67

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	22.85565	-4.246457	-96.72615	0.9719540	130.2659	-11.36067
0.500		22.85565	-4.246457	-11.47740	0.9719540	-41.50729	2.121835
1.000		22.85565	-4.246457	73.77135	0.9719540	57.38437	15.60434

LOADING 68

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	29.64078	-1.282547	-74.05055	0.4396994	55.00952	-2.266099
0.500		29.64078	-1.282547	11.19820	0.4396994	-44.76860	1.805987
1.000		29.64078	-1.282547	96.44695	0.4396994	126.1181	5.878074

LOADING 69

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	20.78930	-0.8428258	-93.60830	0.5119705	115.4888	-0.9545003
0.500		20.78930	-0.8428258	-8.359544	0.5119705	-46.38516	1.721472
1.000		20.78930	-0.8428258	76.88921	0.5119705	62.40569	4.397444

LOADING 70

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	29.11148	-2.471227	-73.04280	0.5264704	51.89848	-5.673677
0.500		29.11148	-2.471227	12.20595	0.5264704	-44.68002	2.172469
1.000		29.11148	-2.471227	97.45470	0.5264704	129.4063	10.01862

LOADING 71

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	21.31860	0.3458543	-94.61605	0.4251994	118.5998	2.453078
0.500		21.31860	0.3458543	-9.367296	0.4251994	-46.47374	1.354991
1.000		21.31860	0.3458543	75.88145	0.4251994	59.11750	0.2569031

LOADING 72

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	32.43044	-2.779087	-73.24002	-0.3098394	57.05695	-7.387187
0.500		32.43044	-2.779087	12.00874	-0.3098394	-40.14771	1.436414
1.000		32.43044	-2.779087	97.25748	-0.3098394	133.3124	10.26001

LOADING 73

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	23.57896	-2.339366	-92.79776	-0.2375683	117.5362	-6.075588
0.500		23.57896	-2.339366	-7.549006	-0.2375683	-41.76427	1.351899
1.000		23.57896	-2.339366	77.69975	-0.2375683	69.60004	8.779385

LOADING 74

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	31.90114	-3.967767	-72.23227	-0.2230684	53.94592	-10.79477
0.500		31.90114	-3.967767	13.01649	-0.2230684	-40.05913	1.802895
1.000		31.90114	-3.967767	98.26524	-0.2230684	136.6006	14.40056

LOADING 75

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	24.10826	-1.150686	-93.80551	-0.3243394	120.6473	-2.668010
0.500		24.10826	-1.150686	-8.556759	-0.3243394	-41.85285	0.9854172
1.000		24.10826	-1.150686	76.69199	-0.3243394	66.31184	4.638844

MEMBER 19

LOADING 1 G1 - PESI PROPRI STRUTTURALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	14.59182	-0.4295594	-70.73959	1.256742	84.85823	-3.307822
0.500		14.59182	-0.4295594	-13.33159	1.256742	-45.76446	-1.933232
1.000		14.59182	-0.4295594	29.48440	1.256742	-16.02876	-0.5586417

LOADING 2 G2 - SOVRACCARICHI PERMANENTI PORTATI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	18.67949	-0.9254865E-01	-20.25822	0.8423609	21.50836	-1.047148
0.500		18.67949	-0.9254865E-01	-3.146218	0.8423609	-13.74993	-0.7509925
1.000		18.67949	-0.9254865E-01	5.757782	0.8423609	-7.382629	-0.4548368

LOADING 3 Qk - SOVRACCARICHI ACCIDENTALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	3.835929	-0.3626852E-01	-4.878117	0.5265683E-01	5.662560	-0.2858794
0.500		3.835929	-0.3626852E-01	-0.9661169	0.5265683E-01	-3.078079	-0.1698201
1.000		3.835929	-0.3626852E-01	0.6578830	0.5265683E-01	-2.961120	-0.5376086E-01

LOADING 4 Qn - NEVE

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	4.239361	-0.7394575E-01	-11.60683	0.4567453E-01	13.66571	-0.5369468
0.500		4.239361	-0.7394575E-01	-2.038835	0.4567453E-01	-7.194560	-0.3003204
1.000		4.239361	-0.7394575E-01	3.881165	0.4567453E-01	-3.274032	-0.6369402E-01

LOADING 5 Qv (+X) - VENTO IN DIREZIONE X, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	5.309158	-0.1874475E-01	0.9144212	0.7995361E-02	-3.570886	-0.2311520
0.500		5.309158	-0.1874475E-01	0.9144212	0.7995361E-02	-0.6447387	-0.1711688
1.000		5.309158	-0.1874475E-01	0.9144212	0.7995361E-02	2.281409	-0.1111856

LOADING 6 Qv (-X) - VENTO IN DIREZIONE X, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-8.954750	-0.2209324E-02	-0.9488702	-0.1181417E-01	3.750508	0.2037578
0.500		-8.954750	-0.2209324E-02	-0.9488702	-0.1181417E-01	0.7141238	0.2108277
1.000		-8.954750	-0.2209324E-02	-0.9488702	-0.1181417E-01	-2.322261	0.2178975

LOADING 7 Qv (+Y) - VENTO IN DIREZIONE Y, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-7.753397	-0.3133002	0.8998814	0.1705587	-2.857132	-0.7568204
0.500		-7.753397	-0.3133002	0.8998814	0.1705587	0.2248807E-01	0.2457402
1.000		-7.753397	-0.3133002	0.8998814	0.1705587	2.902108	1.248301

LOADING 8 Qv (-Y) - VENTO IN DIREZIONE Y, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	7.750950	0.2862020	-0.8620114	-0.1702823	2.741810	0.6776552
0.500		7.750950	0.2862020	-0.8620114	-0.1702823	-0.1662643E-01	-0.2381912
1.000		7.750950	0.2862020	-0.8620114	-0.1702823	-2.775063	-1.154037

LOADING 9

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	56.96436	-0.8054728	-133.4965	2.849271	153.8059	-6.701026
0.500		56.96436	-0.8054728	-23.57648	2.849271	-87.96200	-4.123514
1.000		56.96436	-0.8054728	50.53552	2.849271	-35.27874	-1.546001

LOADING 10

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	44.12684	-0.7905909	-135.1734	2.831442	160.3952	-6.309608
0.500		44.12684	-0.7905909	-25.25344	2.831442	-86.73902	-3.779716
1.000		44.12684	-0.7905909	48.85856	2.831442	-39.42204	-1.249826

LOADING 11

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	45.20806	-1.070573	-133.5096	2.995578	154.4483	-7.174128
0.500		45.20806	-1.070573	-23.58956	2.995578	-87.36150	-3.748296
1.000		45.20806	-1.070573	50.52243	2.995578	-34.72011	-0.3224631

LOADING 12

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	59.16197	-0.5310208	-135.0953	2.688821	159.4873	-5.883100
0.500		59.16197	-0.5310208	-25.17527	2.688821	-87.39670	-4.183834
1.000		59.16197	-0.5310208	48.93673	2.688821	-39.82956	-2.484568

LOADING 13

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	54.38998	-0.8065293	-134.8844	2.804542	155.5613	-6.674917
0.500		54.38998	-0.8065293	-23.65643	2.804542	-88.74081	-4.094024
1.000		54.38998	-0.8065293	52.45957	2.804542	-33.29258	-1.513130

LOADING 14

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	41.55247	-0.7916474	-136.5614	2.786713	162.1506	-6.283499
0.500		41.55247	-0.7916474	-25.33339	2.786713	-87.51783	-3.750227
1.000		41.55247	-0.7916474	50.78260	2.786713	-37.43589	-1.216955

LOADING 15

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	42.63369	-1.071629	-134.8975	2.950849	156.2037	-7.148019
0.500		42.63369	-1.071629	-23.66951	2.950849	-88.14030	-3.718806
1.000		42.63369	-1.071629	52.44648	2.950849	-32.73395	-0.2895924

LOADING 16

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	56.58760	-0.5320773	-136.4832	2.644092	161.2428	-5.856991
0.500		56.58760	-0.5320773	-25.25522	2.644092	-88.17551	-4.154344
1.000		56.58760	-0.5320773	50.86078	2.644092	-37.84340	-2.451697

LOADING 17

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	54.39596	-0.7623169	-125.6306	2.775083	143.1695	-6.410899
0.500		54.39596	-0.7623169	-21.57865	2.775083	-83.73173	-3.971485
1.000		54.39596	-0.7623169	50.09735	2.775083	-29.46821	-1.532071

LOADING 18

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	33.00010	-0.7375137	-128.4256	2.745369	154.1516	-5.758534
0.500		33.00010	-0.7375137	-24.37358	2.745369	-81.69343	-3.398490
1.000		33.00010	-0.7375137	47.30241	2.745369	-36.37372	-1.038446

LOADING 19

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	34.80213	-1.204150	-125.6525	3.018928	144.2402	-7.199401
0.500		34.80213	-1.204150	-21.60046	3.018928	-82.73089	-3.346121
1.000		34.80213	-1.204150	50.07554	3.018928	-28.53717	0.5071588

LOADING 20

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	58.05865	-0.3048967	-128.2953	2.507667	152.6386	-5.047688
0.500		58.05865	-0.3048967	-24.24330	2.507667	-82.78957	-4.072018
1.000		58.05865	-0.3048967	47.43270	2.507667	-37.05292	-3.096349

LOADING 21

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	42.41241	-0.6065963	-101.1307	2.179394	116.7195	-5.048014
0.500		42.41241	-0.6065963	-17.91469	2.179394	-66.57659	-3.106906
1.000		42.41241	-0.6065963	38.38930	2.179394	-26.64068	-1.165798

LOADING 22

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	33.85407	-0.5966750	-102.2487	2.167509	121.1123	-4.787068
0.500		33.85407	-0.5966750	-19.03267	2.167509	-65.76127	-2.877708
1.000		33.85407	-0.5966750	37.27133	2.167509	-29.40288	-0.9683480

LOADING 23

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	34.57488	-0.7833296	-101.1394	2.276932	117.1477	-5.363415
0.500		34.57488	-0.7833296	-17.92342	2.276932	-66.17625	-2.856761
1.000		34.57488	-0.7833296	38.38058	2.276932	-26.26826	-0.3501059

LOADING 24

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	43.87749	-0.4236282	-102.1965	2.072428	120.5071	-4.502729
0.500		43.87749	-0.4236282	-18.98055	2.072428	-66.19972	-3.147119
1.000		43.87749	-0.4236282	37.32344	2.072428	-29.67456	-1.791509

LOADING 25

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	40.69617	-0.6073006	-102.0560	2.149575	117.8898	-5.030608
0.500		40.69617	-0.6073006	-17.96799	2.149575	-67.09579	-3.087246
1.000		40.69617	-0.6073006	39.67200	2.149575	-25.31657	-1.143884

LOADING 26

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	32.13782	-0.5973794	-103.1740	2.137689	122.2826	-4.769662
0.500		32.13782	-0.5973794	-19.08597	2.137689	-66.28047	-2.858048
1.000		32.13782	-0.5973794	38.55403	2.137689	-28.07878	-0.9464341

LOADING 27

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	32.85863	-0.7840340	-102.0647	2.247113	118.3180	-5.346009
0.500		32.85863	-0.7840340	-17.97672	2.247113	-66.69545	-2.837101
1.000		32.85863	-0.7840340	39.66328	2.247113	-24.94415	-0.3281920

LOADING 28

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	42.16124	-0.4243326	-103.1218	2.042608	121.6774	-4.485323
0.500		42.16124	-0.4243326	-19.03385	2.042608	-66.71893	-3.127459
1.000		42.16124	-0.4243326	38.60614	2.042608	-28.35046	-1.769595

LOADING 29

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	40.70015	-0.5778257	-95.88680	2.129936	109.6286	-4.854595
0.500		40.70015	-0.5778257	-16.58281	2.129936	-63.75640	-3.005553
1.000		40.70015	-0.5778257	38.09719	2.129936	-22.76699	-1.156511

LOADING 30

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	26.43624	-0.5612903	-97.75009	2.110126	116.9500	-4.419685
0.500		26.43624	-0.5612903	-18.44610	2.110126	-62.39754	-2.623557
1.000		26.43624	-0.5612903	36.23390	2.110126	-27.37066	-0.8274281

LOADING 31

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	27.63760	-0.8723811	-95.90134	2.292499	110.3423	-5.380264
0.500		27.63760	-0.8723811	-16.59735	2.292499	-63.08918	-2.588644
1.000		27.63760	-0.8723811	38.08265	2.292499	-22.14629	0.2029753

LOADING 32

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	43.14194	-0.2728789	-97.66323	1.951658	115.9413	-3.945788
0.500		43.14194	-0.2728789	-18.35924	1.951658	-63.12830	-3.072576
1.000		43.14194	-0.2728789	36.32076	1.951658	-27.82347	-2.199363

LOADING 33

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	33.27131	-0.5221080	-90.99780	2.099103	106.3666	-4.354970
0.500		33.27131	-0.5221080	-16.47781	2.099103	-59.51438	-2.684224
1.000		33.27131	-0.5221080	35.24219	2.099103	-23.41139	-1.013479

LOADING 34

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	34.11918	-0.5368972	-93.31917	2.108238	109.0997	-4.462359
0.500		34.11918	-0.5368972	-16.88558	2.108238	-60.95330	-2.744288
1.000		34.11918	-0.5368972	36.01842	2.108238	-24.06619	-1.026217

LOADING 35

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	34.33315	-0.5258570	-90.81493	2.100702	105.6524	-4.401200
0.500		34.33315	-0.5258570	-16.29493	2.100702	-59.64334	-2.718458
1.000		34.33315	-0.5258570	35.42507	2.100702	-22.95510	-1.035716

LOADING 36

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	31.48036	-0.5225499	-91.18758	2.096740	107.1167	-4.314219
0.500		31.48036	-0.5225499	-16.66759	2.096740	-59.37156	-2.642059
1.000		31.48036	-0.5225499	35.05241	2.096740	-23.87584	-0.9698990

LOADING 37

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	31.72063	-0.5847681	-90.81783	2.133215	105.7952	-4.506334
0.500		31.72063	-0.5847681	-16.29783	2.133215	-59.50989	-2.635076
1.000		31.72063	-0.5847681	35.42216	2.133215	-22.83097	-0.7638183

LOADING 38

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	34.82150	-0.4648676	-91.17021	2.065047	106.9150	-4.219439
0.500		34.82150	-0.4648676	-16.65021	2.065047	-59.51771	-2.731862
1.000		34.82150	-0.4648676	35.06979	2.065047	-23.96640	-1.244286

LOADING 39

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	33.27131	-0.5221080	-90.99780	2.099103	106.3666	-4.354970
0.500		33.27131	-0.5221080	-16.47781	2.099103	-59.51438	-2.684224
1.000		33.27131	-0.5221080	35.24219	2.099103	-23.41139	-1.013479

LOADING 40 EX + ey: SISMA X positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	34.11390	-1.444189	18.27578	0.3646821	-71.00025	-8.018512
0.500		34.11390	-1.444189	18.27578	0.3646821	-12.51776	-3.397109
1.000		34.11390	-1.444189	18.27578	0.3646821	45.96475	1.224295

LOADING 41 EX - ey: SISMA X positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	25.96864	-1.260215	21.45295	-0.2708015	-83.08713	-6.724598
0.500		25.96864	-1.260215	21.45295	-0.2708015	-14.43771	-2.691911
1.000		25.96864	-1.260215	21.45295	-0.2708015	54.21171	1.340776

LOADING 42 EY + ex: SISMA Y positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	11.95200	-1.646120	9.841212	0.3315791	-30.09231	-5.914881
0.500		11.95200	-1.646120	9.841212	0.3315791	1.399570	-0.6472969
1.000		11.95200	-1.646120	9.841212	0.3315791	32.89145	4.620287

LOADING 43 EY - ex: SISMA Y positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	5.494503	-1.052043	6.920185	0.6829643	-20.39124	-3.124082
0.500		5.494503	-1.052043	6.920185	0.6829643	1.753347	0.2424565
1.000		5.494503	-1.052043	6.920185	0.6829643	23.89794	3.608995

LOADING 44

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	70.97080	-2.460133	-69.76966	2.563259	26.33864	-14.14795
0.500		70.97080	-2.460133	4.750336	2.563259	-71.61227	-6.275522
1.000		70.97080	-2.460133	56.47033	2.563259	32.42080	1.596903

LOADING 45

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	63.79961	-1.472461	-75.67439	2.364312	44.39403	-10.59902
0.500		63.79961	-1.472461	-1.154392	2.364312	-72.45201	-5.887144
1.000		63.79961	-1.472461	50.56561	2.364312	12.68592	-1.175270

LOADING 46

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	69.03356	-2.281910	-70.64597	2.668675	29.24896	-13.31071
0.500		69.03356	-2.281910	3.874027	2.668675	-71.50614	-6.008595
1.000		69.03356	-2.281910	55.59402	2.668675	29.72274	1.293515

LOADING 47

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	65.73685	-1.650684	-74.79808	2.258896	41.48371	-11.43626
0.500		65.73685	-1.650684	-0.2780836	2.258896	-72.55814	-6.154069
1.000		65.73685	-1.650684	51.44191	2.258896	15.38398	-0.8718821

LOADING 48

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	2.743013	0.4282446	-106.3212	1.833895	168.3392	1.889078
0.500		2.743013	0.4282446	-31.80123	1.833895	-46.57676	0.5186952
1.000		2.743013	0.4282446	19.91877	1.833895	-59.50870	-0.8516874

LOADING 49

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-4.428185	1.415917	-112.2260	1.634947	186.3945	5.438006
0.500		-4.428185	1.415917	-37.70596	1.634947	-47.41650	0.9070733
1.000		-4.428185	1.415917	14.01404	1.634947	-79.24357	-3.623860

LOADING 50

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	0.8057647	0.6064676	-107.1975	1.939310	171.2495	2.726317
0.500		0.8057647	0.6064676	-32.67754	1.939310	-46.47063	0.7856212
1.000		0.8057647	0.6064676	19.04246	1.939310	-62.20676	-1.155075

LOADING 51

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-2.490937	1.237694	-111.3496	1.529532	183.4842	4.600767
0.500		-2.490937	1.237694	-36.82965	1.529532	-47.52264	0.6401473
1.000		-2.490937	1.237694	14.89035	1.529532	-76.54552	-3.320472

LOADING 52

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	62.82555	-2.276159	-66.59250	1.927775	14.25177	-12.85403
0.500		62.82555	-2.276159	7.927497	1.927775	-73.53222	-5.570325
1.000		62.82555	-2.276159	59.64750	1.927775	40.66776	1.713383

LOADING 53

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	55.65435	-1.288487	-72.49723	1.728828	32.30716	-9.305104
0.500		55.65435	-1.288487	2.022770	1.728828	-74.37196	-5.181946
1.000		55.65435	-1.288487	53.74277	1.728828	20.93289	-1.058789

LOADING 54

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	60.88830	-2.097936	-67.46880	2.033191	17.16209	-12.01679
0.500		60.88830	-2.097936	7.051189	2.033191	-73.42609	-5.303398
1.000		60.88830	-2.097936	58.77119	2.033191	37.96971	1.409996

LOADING 55

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	57.59160	-1.466710	-71.62092	1.623412	29.39684	-10.14234
0.500		57.59160	-1.466710	2.899078	1.623412	-74.47810	-5.448873
1.000		57.59160	-1.466710	54.61908	1.623412	23.63094	-0.7554013

LOADING 56

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	10.88827	0.2442707	-109.4984	2.469378	180.4260	0.5951641
0.500		10.88827	0.2442707	-34.97839	2.469378	-44.65681	-0.1865021
1.000		10.88827	0.2442707	16.74161	2.469378	-67.75567	-0.9681682

LOADING 57

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	3.717071	1.231943	-115.4031	2.270431	198.4814	4.144093
0.500		3.717071	1.231943	-40.88312	2.270431	-45.49655	0.2018761
1.000		3.717071	1.231943	10.83688	2.270431	-87.49053	-3.740341

LOADING 58

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	8.951021	0.4224937	-110.3747	2.574794	183.3363	1.432404
0.500		8.951021	0.4224937	-35.85470	2.574794	-44.55067	0.8042395E-01
1.000		8.951021	0.4224937	15.86530	2.574794	-70.45371	-1.271556

LOADING 59

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	5.654319	1.053720	-114.5268	2.165015	195.5711	3.306853
0.500		5.654319	1.053720	-40.00681	2.165015	-45.60268	-0.6504991E-01
1.000		5.654319	1.053720	11.71319	2.165015	-84.79248	-3.436953

LOADING 60

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	55.45748	-2.601485	-75.67386	2.540087	54.97421	-12.67540
0.500		55.45748	-2.601485	-1.153864	2.540087	-61.87014	-4.350654
1.000		55.45748	-2.601485	50.56614	2.540087	23.26949	3.974097

LOADING 61

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	34.98914	-1.734972	-86.63933	2.321278	97.57436	-7.864297
0.500		34.98914	-1.734972	-12.11933	2.321278	-54.35949	-2.312388
1.000		34.98914	-1.734972	39.60067	2.321278	-4.309365	3.239520

LOADING 62

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	53.01390	-2.546293	-74.72071	2.349442	51.34814	-12.28723
0.500		53.01390	-2.546293	-0.2007152	2.349442	-62.44613	-4.139095
1.000		53.01390	-2.546293	51.51928	2.349442	25.74357	4.009041

LOADING 63

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	37.43271	-1.790164	-87.59248	2.511923	101.2004	-8.252471
0.500		37.43271	-1.790164	-13.07248	2.511923	-53.78350	-2.523948
1.000		37.43271	-1.790164	38.64752	2.511923	-6.783455	3.204576

LOADING 64

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	31.55349	0.6907555	-95.35629	1.876929	115.1588	-0.8456424
0.500		31.55349	0.6907555	-20.83629	1.876929	-64.66928	-3.056060
1.000		31.55349	0.6907555	30.88371	1.876929	-42.51341	-5.266477

LOADING 65

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	11.08515	1.557269	-106.3218	1.658120	157.7590	3.965465
0.500		11.08515	1.557269	-31.80176	1.658120	-57.15863	-1.017795
1.000		11.08515	1.557269	19.91824	1.658120	-70.09226	-6.001054

LOADING 66

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	29.10991	0.7459477	-94.40314	1.686284	111.5328	-0.4574683
0.500		29.10991	0.7459477	-19.88314	1.686284	-65.24527	-2.844501
1.000		29.10991	0.7459477	31.83686	1.686284	-40.03932	-5.231533

LOADING 67

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	13.52872	1.502077	-107.2749	1.848764	161.3850	3.577291
0.500		13.52872	1.502077	-32.75491	1.848764	-56.58264	-1.229354
1.000		13.52872	1.502077	18.96509	1.848764	-72.56635	-6.035998

LOADING 68

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	48.99998	-2.007408	-78.59489	2.891472	64.67527	-9.884605
0.500		48.99998	-2.007408	-4.074891	2.891472	-61.51637	-3.460900
1.000		48.99998	-2.007408	47.64510	2.891472	14.27598	2.962805

LOADING 69

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	28.53164	-1.140895	-89.56036	2.672663	107.2754	-5.073498
0.500		28.53164	-1.140895	-15.04036	2.672663	-54.00571	-1.422635
1.000		28.53164	-1.140895	36.67963	2.672663	-13.30288	2.228228

LOADING 70

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	46.55641	-1.952216	-77.64173	2.700827	61.04921	-9.496432
0.500		46.55641	-1.952216	-3.121742	2.700827	-62.09235	-3.249341
1.000		46.55641	-1.952216	48.59826	2.700827	16.75006	2.997749

LOADING 71

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	30.97522	-1.196087	-90.51350	2.863308	110.9015	-5.461672
0.500		30.97522	-1.196087	-15.99351	2.863308	-53.42973	-1.634194
1.000		30.97522	-1.196087	35.72649	2.863308	-15.77696	2.193284

LOADING 72

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	38.01098	0.9667877E-01	-92.43526	1.525543	105.4578	-3.636441
0.500		38.01098	0.9667877E-01	-17.91526	1.525543	-65.02306	-3.945813
1.000		38.01098	0.9667877E-01	33.80474	1.525543	-33.51990	-4.255185

LOADING 73

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	17.54264	0.9631920	-103.4007	1.306734	148.0579	1.174666
0.500		17.54264	0.9631920	-28.88073	1.306734	-57.51240	-1.907548
1.000		17.54264	0.9631920	22.83927	1.306734	-61.09875	-4.989762

LOADING 74

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	35.56740	0.1518709	-91.48211	1.334898	101.8317	-3.248267
0.500		35.56740	0.1518709	-16.96211	1.334898	-65.59904	-3.734254
1.000		35.56740	0.1518709	34.75788	1.334898	-31.04581	-4.220241

LOADING 75

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	19.98622	0.9079998	-104.3539	1.497379	151.6840	0.7864920
0.500		19.98622	0.9079998	-29.83388	1.497379	-56.93642	-2.119107
1.000		19.98622	0.9079998	21.88612	1.497379	-63.57284	-5.024707

 --- MEMBER 20 -----

LOADING 1 G1 - PESI PROPRI STRUTTURALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	15.34150	1.263454	-25.12395	-0.1413092	-9.817430	2.771818
0.500		15.34150	1.263454	13.34355	-0.1413092	-29.89268	-0.8606124
1.000		15.34150	1.263454	64.92105	-0.1413092	79.47176	-4.493043

LOADING 2 G2 - SOVRACCARICHI PERMANENTI PORTATI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	18.76917	0.7446312	-4.223836	-0.3060729	-6.009863	1.757389
0.500		18.76917	0.7446312	3.775852	-0.3060729	-8.420617	-0.3834256
1.000		18.76917	0.7446312	19.14992	-0.3060729	22.76840	-2.524240

LOADING 3 Qk - SOVRACCARICHI ACCIDENTALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	3.668087	0.1666874	-0.5726760	-0.9619174E-02	-1.890579	0.4174587
0.500		3.668087	0.1666874	0.8863865	-0.9619174E-02	-1.932113	-0.6176742E-01
1.000		3.668087	0.1666874	4.401074	-0.9619174E-02	5.176118	-0.5409936

LOADING 4 Qn - NEVE

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	4.004487	0.2176579	-3.524781	-0.6536794E-01	-1.456349	0.5076610
0.500		4.004487	0.2176579	1.793970	-0.6536794E-01	-4.729624	-0.1181055
1.000		4.004487	0.2176579	10.39022	-0.6536794E-01	11.99992	-0.7438720

LOADING 5 Qv (+X) - VENTO IN DIREZIONE X, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-4.037417	-0.2731513	-0.4880052	0.3313842	1.342003	-0.6481907
0.500		-4.037417	-0.2731513	-0.4880052	0.3313842	-0.6101208E-01	0.1371192
1.000		-4.037417	-0.2731513	-0.4880052	0.3313842	-1.464027	0.9224291

LOADING 6 Qv (-X) - VENTO IN DIREZIONE X, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	3.403954	0.1765098	0.3499464	-0.2989722	-0.9603509	0.4038412
0.500		3.403954	0.1765098	0.3499464	-0.2989722	0.4574519E-01	-0.1036244
1.000		3.403954	0.1765098	0.3499464	-0.2989722	1.051841	-0.6110900

LOADING 7 Qv (+Y) - VENTO IN DIREZIONE Y, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-6.692386	-0.3468006E-01	3.875463	-0.1083837	-12.18509	-0.3611279
0.500		-6.692386	-0.3468006E-01	3.875463	-0.1083837	-1.043138	-0.2614227
1.000		-6.692386	-0.3468006E-01	3.875463	-0.1083837	10.09882	-0.1617175

LOADING 8 Qv (-Y) - VENTO IN DIREZIONE Y, VERSO NEGATIVO

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	3.255493	0.8737908E-02	-3.850495	0.1100206	12.10139	0.2865874
0.500	3.255493	0.8737908E-02	-3.850495	0.1100206	1.031218	0.2614659
1.000	3.255493	0.8737908E-02	-3.850495	0.1100206	-10.03896	0.2363444

LOADING 9

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	49.21569	2.777949	-42.09392	-0.3468058	-23.29580	6.311532
0.500	49.21569	2.777949	24.49108	-0.3468058	-56.30759	-1.675072
1.000	49.21569	2.777949	123.2473	-0.3468058	148.3587	-9.661676

LOADING 10

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	55.91292	3.182644	-41.33976	-0.9141263	-25.36793	7.258360
0.500	55.91292	3.182644	25.24523	-0.9141263	-56.21151	-1.891742
1.000	55.91292	3.182644	124.0015	-0.9141263	150.6230	-11.04184

LOADING 11

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	46.82621	2.992573	-38.16680	-0.7425968	-35.47020	6.569888
0.500	46.82621	2.992573	28.41820	-0.7425968	-57.19151	-2.033760
1.000	46.82621	2.992573	127.1745	-0.7425968	158.7652	-10.63741

LOADING 12

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	55.77931	3.031650	-45.12016	-0.5460330	-13.61236	7.152832
0.500	55.77931	3.031650	21.46484	-0.5460330	-55.32458	-1.563160
1.000	55.77931	3.031650	120.2211	-0.5460330	140.6413	-10.27915

LOADING 13

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	46.71692	2.691162	-43.87849	-0.3814029	-21.55220	6.066089
0.500		46.71692	2.691162	24.50698	-0.3814029	-56.95664	-1.671000
1.000		46.71692	2.691162	124.4384	-0.3814029	149.5944	-9.408090

LOADING 14

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	53.41416	3.095857	-43.12434	-0.9487237	-23.62432	7.012918
0.500		53.41416	3.095857	25.26113	-0.9487237	-56.86055	-1.887670
1.000		53.41416	3.095857	125.1925	-0.9487237	151.8587	-10.78826

LOADING 15

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	44.32745	2.905786	-39.95137	-0.7771940	-33.72659	6.324446
0.500		44.32745	2.905786	28.43410	-0.7771940	-57.84055	-2.029688
1.000		44.32745	2.905786	128.3655	-0.7771940	160.0010	-10.38382

LOADING 16

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	53.28054	2.944862	-46.90473	-0.5806301	-11.86875	6.907390
0.500		53.28054	2.944862	21.48074	-0.5806301	-55.97363	-1.559088
1.000		53.28054	2.944862	121.4121	-0.5806301	141.8770	-10.02557

LOADING 17

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	41.29111	2.364027	-41.52771	-0.1335465	-19.65474	5.296429
0.500		41.29111	2.364027	22.86870	-0.1335465	-53.44603	-1.500150
1.000		41.29111	2.364027	116.3529	-0.1335465	139.7161	-8.296728

LOADING 18

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	52.45316	3.038519	-40.27078	-1.079081	-23.10827	6.874477
0.500		52.45316	3.038519	24.12562	-1.079081	-53.28589	-1.861265
1.000		52.45316	3.038519	117.6098	-1.079081	143.4899	-10.59701

LOADING 19

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	37.30865	2.721734	-34.98251	-0.7931983	-39.94538	5.727023
0.500		37.30865	2.721734	29.41390	-0.7931983	-54.91922	-2.097963
1.000		37.30865	2.721734	122.8981	-0.7931983	157.0603	-9.922949

LOADING 20

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	52.23047	2.786861	-46.57145	-0.4655918	-3.515654	6.698596
0.500		52.23047	2.786861	17.82496	-0.4655918	-51.80768	-1.313630
1.000		52.23047	2.786861	111.3092	-0.4655918	126.8537	-9.325855

LOADING 21

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	37.35855	2.119711	-31.97565	-0.2908548	-17.64084	4.811582
0.500		37.35855	2.119711	18.60997	-0.2908548	-42.64684	-1.282587
1.000		37.35855	2.119711	93.37434	-0.2908548	112.5378	-7.376755

LOADING 22

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	41.82337	2.389508	-31.47288	-0.6690686	-19.02225	5.442801
0.500		41.82337	2.389508	19.11274	-0.6690686	-42.58278	-1.427033
1.000		41.82337	2.389508	93.87712	-0.6690686	114.0473	-8.296867

LOADING 23

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	35.76557	2.262794	-29.35757	-0.5547155	-25.75710	4.983820
0.500		35.76557	2.262794	21.22806	-0.5547155	-43.23611	-1.521712
1.000		35.76557	2.262794	95.99243	-0.5547155	119.4755	-8.027244

LOADING 24

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	41.73429	2.288844	-33.99315	-0.4236729	-11.18521	5.372449
0.500		41.73429	2.288844	16.59248	-0.4236729	-41.99150	-1.207979
1.000		41.73429	2.288844	91.35685	-0.4236729	107.3928	-7.788407

LOADING 25

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	35.69270	2.061852	-33.16537	-0.3139196	-16.47844	4.647954
0.500		35.69270	2.061852	18.62057	-0.3139196	-43.07953	-1.279872
1.000		35.69270	2.061852	94.16839	-0.3139196	113.3616	-7.207698

LOADING 26

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	40.15753	2.331649	-32.66260	-0.6921334	-17.85985	5.279173
0.500		40.15753	2.331649	19.12334	-0.6921334	-43.01548	-1.424318
1.000		40.15753	2.331649	94.67116	-0.6921334	114.8712	-8.127810

LOADING 27

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	34.09972	2.204935	-30.54729	-0.5777803	-24.59470	4.820192
0.500		34.09972	2.204935	21.23865	-0.5777803	-43.66881	-1.518997
1.000		34.09972	2.204935	96.78647	-0.5777803	120.2993	-7.858186

LOADING 28

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	40.06845	2.230986	-35.18286	-0.4467377	-10.02281	5.208821
0.500	40.06845	2.230986	16.60308	-0.4467377	-42.42419	-1.205264
1.000	40.06845	2.230986	92.15089	-0.4467377	108.2167	-7.619349

LOADING 29

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	32.07549	1.843763	-31.59818	-0.1486819	-15.21346	4.134847
0.500	32.07549	1.843763	17.52839	-0.1486819	-40.73912	-1.165972
1.000	32.07549	1.843763	88.77808	-0.1486819	106.7761	-6.466790

LOADING 30

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	39.51686	2.293424	-30.76023	-0.7790383	-17.51582	5.186879
0.500	39.51686	2.293424	18.36634	-0.7790383	-40.63237	-1.406715
1.000	39.51686	2.293424	89.61603	-0.7790383	109.2920	-8.000310

LOADING 31

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	29.42053	2.082234	-27.23471	-0.5884498	-28.74056	4.421910
0.500	29.42053	2.082234	21.89185	-0.5884498	-41.72126	-1.564514
1.000	29.42053	2.082234	93.14155	-0.5884498	118.3389	-7.550938

LOADING 32

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	39.36840	2.125652	-34.96067	-0.3700455	-4.454075	5.069625
0.500	39.36840	2.125652	14.16589	-0.3700455	-39.64690	-1.041625
1.000	39.36840	2.125652	85.41558	-0.3700455	98.20115	-7.152875

LOADING 33

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	34.11067	2.008085	-29.34778	-0.4473821	-15.82729	4.529207
0.500		34.11067	2.008085	17.11941	-0.4473821	-38.31330	-1.244038
1.000		34.11067	2.008085	84.07097	-0.4473821	102.2402	-7.017284

LOADING 34

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	34.91156	2.051617	-30.05274	-0.4604557	-16.11856	4.630739
0.500		34.91156	2.051617	17.47820	-0.4604557	-39.25922	-1.267659
1.000		34.91156	2.051617	86.14901	-0.4604557	104.6401	-7.166058

LOADING 35

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	33.30318	1.953455	-29.44538	-0.3811053	-15.55889	4.399569
0.500		33.30318	1.953455	17.02180	-0.3811053	-38.32550	-1.216614
1.000		33.30318	1.953455	83.97337	-0.3811053	101.9473	-6.832798

LOADING 36

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	34.79146	2.043387	-29.27779	-0.5071766	-16.01936	4.609975
0.500		34.79146	2.043387	17.18940	-0.5071766	-38.30415	-1.264763
1.000		34.79146	2.043387	84.14096	-0.5071766	102.4505	-7.139502

LOADING 37

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	32.77219	2.001149	-28.57269	-0.4690589	-18.26431	4.456982
0.500		32.77219	2.001149	17.89450	-0.4690589	-38.52193	-1.296323
1.000		32.77219	2.001149	84.84606	-0.4690589	104.2599	-7.049627

LOADING 38

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	34.76176	2.009833	-30.11788	-0.4253780	-13.40701	4.586525
0.500		34.76176	2.009833	16.34931	-0.4253780	-38.10706	-1.191745
1.000		34.76176	2.009833	83.30087	-0.4253780	100.2324	-6.970015

LOADING 39

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	34.11067	2.008085	-29.34778	-0.4473821	-15.82729	4.529207
0.500		34.11067	2.008085	17.11941	-0.4473821	-38.31330	-1.244038
1.000		34.11067	2.008085	84.07097	-0.4473821	102.2402	-7.017284

LOADING 40 EX + ey: SISMA X positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-41.16674	-1.390482	-3.288470	5.965164	8.762416	-2.843248
0.500		-41.16674	-1.390482	-3.288470	5.965164	-0.6919358	1.154387
1.000		-41.16674	-1.390482	-3.288470	5.965164	-10.14629	5.152022

LOADING 41 EX - ey: SISMA X positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-37.68499	-1.341060	-5.766699	5.897398	16.57713	-2.582238
0.500		-37.68499	-1.341060	-5.766699	5.897398	-0.2133248E-02	1.273309
1.000		-37.68499	-1.341060	-5.766699	5.897398	-16.58139	5.128857

LOADING 42 EY + ex: SISMA Y positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-4.956098	0.4319082	38.43306	-0.2202642	-120.4892	-0.2995815
0.500		-4.956098	0.4319082	38.43306	-0.2202642	-9.994170	-1.541318
1.000		-4.956098	0.4319082	38.43306	-0.2202642	100.5009	-2.783054

LOADING 43 EY - ex: SISMA Y positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-4.024087	0.3662058	48.07824	-0.1964825	-150.6477	-0.9943399
0.500		-4.024087	0.3662058	48.07824	-0.1964825	-12.42279	-2.047182
1.000		-4.024087	0.3662058	48.07824	-0.1964825	125.8021	-3.100023

LOADING 44

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-8.542901	0.7471761	-21.10634	5.451703	-43.21164	1.596085
0.500		-8.542901	0.7471761	25.36085	5.451703	-42.00349	-0.5520461
1.000		-8.542901	0.7471761	92.31242	5.451703	122.2441	-2.700177

LOADING 45

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-5.569242	0.4880311	-44.16617	5.583861	29.08189	1.775834
0.500		-5.569242	0.4880311	2.301018	5.583861	-36.00698	0.3727446
1.000		-5.569242	0.4880311	69.25259	5.583861	61.94360	-1.030345

LOADING 46

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-8.263298	0.7274653	-18.21278	5.458837	-52.25920	1.387657
0.500		-8.263298	0.7274653	28.25441	5.458837	-42.73207	-0.7038053
1.000		-8.263298	0.7274653	95.20597	5.458837	129.8345	-2.795268

LOADING 47

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-5.848845	0.5077418	-47.05973	5.576726	38.12944	1.984261
0.500		-5.848845	0.5077418	-0.5925363	5.576726	-35.27840	0.5245037
1.000		-5.848845	0.5077418	66.35903	5.576726	54.35321	-0.9352540

LOADING 48

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	73.79057	3.528140	-14.52940	-6.478625	-60.73647	7.282581
0.500		73.79057	3.528140	31.93779	-6.478625	-40.61962	-2.860821
1.000		73.79057	3.528140	98.88936	-6.478625	142.5367	-13.00422

LOADING 49

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	76.76424	3.268995	-37.58923	-6.346467	11.55706	7.462330
0.500		76.76424	3.268995	8.877958	-6.346467	-34.62312	-1.936030
1.000		76.76424	3.268995	75.82952	-6.346467	82.23618	-11.33439

LOADING 50

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	74.07018	3.508429	-11.63584	-6.471490	-69.78403	7.074153
0.500		74.07018	3.508429	34.83135	-6.471490	-41.34820	-3.012580
1.000		74.07018	3.508429	101.7829	-6.471490	150.1271	-13.09931

LOADING 51

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	76.48463	3.288705	-40.48279	-6.353601	20.60461	7.670757
0.500		76.48463	3.288705	5.984403	-6.353601	-33.89453	-1.784271
1.000		76.48463	3.288705	72.93597	-6.353601	74.64579	-11.23930

LOADING 52

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-5.061152	0.7965979	-23.58457	5.383937	-35.39693	1.857095
0.500		-5.061152	0.7965979	22.88262	5.383937	-41.31369	-0.4331242
1.000		-5.061152	0.7965979	89.83419	5.383937	115.8090	-2.723343

LOADING 53

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-2.087492	0.5374529	-46.64440	5.516096	36.89660	2.036844
0.500		-2.087492	0.5374529	-0.1772106	5.516096	-35.31719	0.4916665
1.000		-2.087492	0.5374529	66.77435	5.516096	55.50850	-1.053511

LOADING 54

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-4.781548	0.7768872	-20.69101	5.391071	-44.44448	1.648667
0.500		-4.781548	0.7768872	25.77618	5.391071	-42.04227	-0.5848833
1.000		-4.781548	0.7768872	92.72774	5.391071	123.3994	-2.818434

LOADING 55

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-2.367096	0.5571637	-49.53795	5.508961	45.94415	2.245271
0.500		-2.367096	0.5571637	-3.070765	5.508961	-34.58860	0.6434256
1.000		-2.367096	0.5571637	63.88080	5.508961	47.91811	-0.9584200

LOADING 56

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	70.30883	3.478718	-12.05117	-6.410860	-68.55119	7.021571
0.500		70.30883	3.478718	34.41602	-6.410860	-41.30942	-2.979743
1.000		70.30883	3.478718	101.3676	-6.410860	148.9718	-12.98106

LOADING 57

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	73.28249	3.219573	-35.11100	-6.278701	3.742344	7.201320
0.500		73.28249	3.219573	11.35619	-6.278701	-35.31292	-2.054952
1.000		73.28249	3.219573	78.30775	-6.278701	88.67128	-11.31122

LOADING 58

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	70.58843	3.459007	-9.157613	-6.403725	-77.59874	6.813144
0.500		70.58843	3.459007	37.30957	-6.403725	-42.03801	-3.131502
1.000		70.58843	3.459007	104.2611	-6.403725	156.5622	-13.07615

LOADING 59

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	73.00288	3.239284	-38.00456	-6.285836	12.78990	7.409748
0.500		73.00288	3.239284	8.462632	-6.285836	-34.58434	-1.903193
1.000		73.00288	3.239284	75.41420	-6.285836	81.08090	-11.21613

LOADING 60

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	16.80455	2.022849	8.098730	1.121903	-133.6878	3.376652
0.500		16.80455	2.022849	54.56592	1.121903	-48.51505	-2.439040
1.000		16.80455	2.022849	121.5175	1.121903	199.6971	-8.254730

LOADING 61

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	41.50459	2.857138	10.07181	-2.457196	-138.9452	5.082600
0.500		41.50459	2.857138	56.53900	-2.457196	-48.09989	-3.131672
1.000		41.50459	2.857138	123.4906	-2.457196	205.7849	-11.34594

LOADING 62

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	17.84907	2.037676	7.355261	1.101573	-131.3434	3.454954
0.500		17.84907	2.037676	53.82245	1.101573	-48.30811	-2.403363
1.000		17.84907	2.037676	120.7740	1.101573	197.7666	-8.261681

LOADING 63

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	40.46007	2.842311	10.81528	-2.436866	-141.2896	5.004298
0.500		40.46007	2.842311	57.28247	-2.436866	-48.30683	-3.167349
1.000		40.46007	2.842311	124.2340	-2.436866	207.7154	-11.33899

LOADING 64

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	26.71674	1.159033	-68.76738	1.562431	107.2906	3.975815
0.500		26.71674	1.159033	-22.30019	1.562431	-28.52671	0.6435959
1.000		26.71674	1.159033	44.65137	1.562431	-1.304603	-2.688623

LOADING 65

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	51.41679	1.993322	-66.79430	-2.016667	102.0332	5.681763
0.500		51.41679	1.993322	-20.32711	-2.016667	-28.11155	-0.4903651E-01
1.000		51.41679	1.993322	46.62445	-2.016667	4.783170	-5.779836

LOADING 66

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	27.76127	1.173859	-69.51085	1.542102	109.6351	4.054118
0.500		27.76127	1.173859	-23.04366	1.542102	-28.31977	0.6792724
1.000		27.76127	1.173859	43.90791	1.542102	-3.235135	-2.695573

LOADING 67

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	50.37226	1.978495	-66.05083	-1.996337	99.68878	5.603460
0.500		50.37226	1.978495	-19.58364	-1.996337	-28.31849	-0.8471309E-01
1.000		50.37226	1.978495	47.36792	-1.996337	6.713702	-5.772886

LOADING 68

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	17.73656	1.957147	17.74391	1.145684	-163.8463	2.681893
0.500		17.73656	1.957147	64.21111	1.145684	-50.94367	-2.944903
1.000		17.73656	1.957147	131.1627	1.145684	224.9984	-8.571700

LOADING 69

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	42.43660	2.791436	19.71699	-2.433414	-169.1037	4.387842
0.500		42.43660	2.791436	66.18418	-2.433414	-50.52851	-3.637536
1.000		42.43660	2.791436	133.1357	-2.433414	231.0862	-11.66291

LOADING 70

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	18.78108	1.971973	17.00044	1.125355	-161.5019	2.760196
0.500		18.78108	1.971973	63.46763	1.125355	-50.73673	-2.909227
1.000		18.78108	1.971973	130.4192	1.125355	223.0679	-8.578650

LOADING 71

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	41.39208	2.776609	20.46046	-2.413084	-171.4482	4.309539
0.500		41.39208	2.776609	66.92766	-2.413084	-50.73545	-3.673212
1.000		41.39208	2.776609	133.8792	-2.413084	233.0167	-11.65596

LOADING 72

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	25.78473	1.224735	-78.41256	1.538650	137.4492	4.670573
0.500		25.78473	1.224735	-31.94537	1.538650	-26.09809	1.149460
1.000		25.78473	1.224735	35.00619	1.538650	-26.60588	-2.371654

LOADING 73

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	50.48478	2.059024	-76.43948	-2.040449	132.1917	6.376522
0.500		50.48478	2.059024	-29.97229	-2.040449	-25.68293	0.4568273
1.000		50.48478	2.059024	36.97927	-2.040449	-20.51811	-5.462867

LOADING 74

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	26.82926	1.239562	-79.15604	1.518320	139.7936	4.748876
0.500		26.82926	1.239562	-32.68884	1.518320	-25.89116	1.185136
1.000		26.82926	1.239562	34.26272	1.518320	-28.53642	-2.378603

LOADING 75

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	49.44025	2.044198	-75.69601	-2.020119	129.8473	6.298219
0.500		49.44025	2.044198	-29.22882	-2.020119	-25.88987	0.4211507
1.000		49.44025	2.044198	37.72274	-2.020119	-18.58758	-5.455917

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LOADING 1 G1 - PESI PROPRI STRUTTURALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	15.34131	-1.263386	-64.92119	0.1413199	79.47214	-4.492988
0.500		15.34131	-1.263386	-13.34368	0.1413199	-29.89268	-0.8607537
1.000		15.34131	-1.263386	25.12382	0.1413199	-9.817800	2.771481

LOADING 2 G2 - SOVRACCARICHI PERMANENTI PORTATI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	18.76917	-0.7446014	-19.14992	0.3060786	22.76843	-2.524212

0.500	18.76917	-0.7446014	-3.775861	0.3060786	-8.420606	-0.3834827
1.000	18.76917	-0.7446014	4.223827	0.3060786	-6.009879	1.757246

LOADING 3 Qk - SOVRACCARICHI ACCIDENTALI

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	3.667666	-0.1666695	-4.401370	0.9640201E-02	5.176910	-0.5409972
0.500	3.667666	-0.1666695	-0.8866823	0.9640201E-02	-1.932171	-0.6182244E-01
1.000	3.667666	-0.1666695	0.5723803	0.9640201E-02	-1.891487	0.4173523

LOADING 4 Qn - NEVE

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	4.003594	-0.2176234	-10.39085	0.6541198E-01	12.00160	-0.7438830
0.500	4.003594	-0.2176234	-1.794597	0.6541198E-01	-4.729744	-0.1182158
1.000	4.003594	-0.2176234	3.524153	0.6541198E-01	-1.458274	0.5074512

LOADING 5 Qv (+X) - VENTO IN DIREZIONE X, VERSO POSITIVO

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-4.037637	0.2731275	0.4878612	-0.3313384	-1.463629	0.9223607
0.500	-4.037637	0.2731275	0.4878612	-0.3313384	-0.6102768E-01	0.1371191
1.000	-4.037637	0.2731275	0.4878612	-0.3313384	1.341573	-0.6481224

LOADING 6 Qv (-X) - VENTO IN DIREZIONE X, VERSO NEGATIVO

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	3.403991	-0.1764818	-0.3499300	0.2989353	1.051784	-0.6110263
0.500	3.403991	-0.1764818	-0.3499300	0.2989353	0.4573489E-01	-0.1036411
1.000	3.403991	-0.1764818	-0.3499300	0.2989353	-0.9603139	0.4037441

LOADING 7 Qv (+Y) - VENTO IN DIREZIONE Y, VERSO POSITIVO

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	3.381011	-0.7214745E-02	3.821836	-0.1113609	-10.00433	0.2426117

0.500	3.381011	-0.7214745E-02	3.821836	-0.1113609	0.9834499	0.2633541
1.000	3.381011	-0.7214745E-02	3.821836	-0.1113609	11.97123	0.2840965

LOADING 8 Qv (-Y) - VENTO IN DIREZIONE Y, VERSO NEGATIVO

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-6.817918	0.3315658E-01	-3.846815	0.1097250	10.06422	-0.1679863
0.500	-6.817918	0.3315658E-01	-3.846815	0.1097250	-0.9953708	-0.2633115
1.000	-6.817918	0.3315658E-01	-3.846815	0.1097250	-12.05496	-0.3586366

LOADING 9

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	49.21395	-2.777791	-123.2486	0.3469328	148.3620	-9.661644
0.500	49.21395	-2.777791	-24.49230	0.3469328	-56.30776	-1.675495
1.000	49.21395	-2.777791	42.09269	0.3469328	-23.29950	6.310652

LOADING 10

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	55.91141	-3.182439	-124.0026	0.9141791	150.6259	-11.04169
0.500	55.91141	-3.182439	-25.24632	0.9141791	-56.21167	-1.892180
1.000	55.91141	-3.182439	41.33869	0.9141791	-25.37120	7.257332

LOADING 11

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	55.89073	-3.030098	-120.2480	0.5449125	140.6754	-10.27342
0.500	55.89073	-3.030098	-21.49173	0.5449125	-55.36773	-1.561884
1.000	55.89073	-3.030098	45.09327	0.5449125	-13.73281	7.149649

LOADING 12

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	46.71169	-2.993764	-127.1498	0.7438899	158.7371	-10.64295

0.500	46.71169	-2.993764	-28.39351	0.7438899	-57.14867	-2.035883
1.000	46.71169	-2.993764	38.19149	0.7438899	-35.35638	6.571189

LOADING 13

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	46.71514	-2.691004	-124.4396	0.3815314	149.5979	-9.408059
0.500	46.71514	-2.691004	-24.50823	0.3815314	-56.95681	-1.671424
1.000	46.71514	-2.691004	43.87724	0.3815314	-21.55597	6.065212

LOADING 14

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	53.41261	-3.095652	-125.1936	0.9487777	151.8617	-10.78811
0.500	53.41261	-3.095652	-25.26224	0.9487777	-56.86073	-1.888108
1.000	53.41261	-3.095652	43.12323	0.9487777	-23.62767	7.011892

LOADING 15

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	53.39193	-2.943312	-121.4391	0.5795112	141.9112	-10.01983
0.500	53.39193	-2.943312	-21.50765	0.5795112	-56.01678	-1.557812
1.000	53.39193	-2.943312	46.87782	0.5795112	-11.98928	6.904210

LOADING 16

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	44.21289	-2.906977	-128.3409	0.7784886	159.9729	-10.38937
0.500	44.21289	-2.906977	-28.40944	0.7784886	-57.79772	-2.031811
1.000	44.21289	-2.906977	39.97603	0.7784886	-33.61286	6.325749

LOADING 17

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	41.28986	-2.363910	-116.3538	0.1336694	139.7185	-8.296731

0.500	41.28986	-2.363910	-22.86956	0.1336694	-53.44612	-1.500490
1.000	41.28986	-2.363910	41.52684	0.1336694	-19.65732	5.295750

LOADING 18

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	52.45231	-3.038324	-117.6105	1.079080	143.4916	-10.59681
0.500	52.45231	-3.038324	-24.12625	1.079080	-53.28598	-1.861631
1.000	52.45231	-3.038324	40.27016	1.079080	-23.11016	6.873550

LOADING 19

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	52.41784	-2.784423	-111.3528	0.4636357	126.9074	-9.316355
0.500	52.41784	-2.784423	-17.86860	0.4636357	-51.87940	-1.311138
1.000	52.41784	-2.784423	46.52781	0.4636357	-3.712841	6.694079

LOADING 20

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	37.11944	-2.723866	-122.8558	0.7952646	157.0103	-9.932252
0.500	37.11944	-2.723866	-29.37158	0.7952646	-54.84763	-2.101136
1.000	37.11944	-2.723866	35.02483	0.7952646	-39.75213	5.729979

LOADING 21

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	37.35736	-2.119592	-93.37519	0.2909416	112.5401	-7.376722
0.500	37.35736	-2.119592	-18.61081	0.2909416	-42.64694	-1.282895
1.000	37.35736	-2.119592	31.97482	0.2909416	-17.64336	4.810932

LOADING 22

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	41.82234	-2.389358	-93.87787	0.6691059	114.0493	-8.296755

0.500	41.82234	-2.389358	-19.11349	0.6691059	-42.58289	-1.427351
1.000	41.82234	-2.389358	31.47214	0.6691059	-19.02449	5.442052

LOADING 23

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	41.80855	-2.287797	-91.37480	0.4229282	107.4157	-7.784571
0.500	41.80855	-2.287797	-16.61042	0.4229282	-42.02026	-1.207154
1.000	41.80855	-2.287797	33.97520	0.4229282	-11.26556	5.370263

LOADING 24

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	35.68919	-2.263574	-95.97599	0.5555797	119.4568	-8.030931
0.500	35.68919	-2.263574	-21.21161	0.5555797	-43.20755	-1.523154
1.000	35.68919	-2.263574	29.37401	0.5555797	-25.68128	4.984623

LOADING 25

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	35.69149	-2.061734	-94.16924	0.3140074	113.3640	-7.207667
0.500	35.69149	-2.061734	-18.62143	0.3140074	-43.07965	-1.280181
1.000	35.69149	-2.061734	33.16452	0.3140074	-16.48101	4.647305

LOADING 26

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	40.15647	-2.331500	-94.67191	0.6921717	114.8732	-8.127698
0.500	40.15647	-2.331500	-19.12410	0.6921717	-43.01559	-1.424637
1.000	40.15647	-2.331500	32.66184	0.6921717	-17.86214	5.278425

LOADING 27

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	40.14268	-2.229939	-92.16885	0.4459940	108.2396	-7.615517

0.500	40.14268	-2.229939	-16.62104	0.4459940	-42.45296	-1.204440
1.000	40.14268	-2.229939	35.16490	0.4459940	-10.10321	5.206636

LOADING 28

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	34.02332	-2.205717	-96.77004	0.5786455	120.2807	-7.861874
0.500	34.02332	-2.205717	-21.22223	0.5786455	-43.64025	-1.520439
1.000	34.02332	-2.205717	30.56371	0.5786455	-24.51893	4.820997

LOADING 29

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	32.07464	-1.843671	-88.77867	0.1487661	106.7777	-6.466781
0.500	32.07464	-1.843671	-17.52898	0.1487661	-40.73919	-1.166225
1.000	32.07464	-1.843671	31.59758	0.1487661	-15.21524	4.134331

LOADING 30

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	39.51627	-2.293281	-89.61646	0.7790397	109.2932	-8.000168
0.500	39.51627	-2.293281	-18.36677	0.7790397	-40.63242	-1.406985
1.000	39.51627	-2.293281	30.75979	0.7790397	-17.51713	5.186197

LOADING 31

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	39.49329	-2.124014	-85.44469	0.3687436	98.23704	-7.146530
0.500	39.49329	-2.124014	-14.19501	0.3687436	-39.69471	-1.039990
1.000	39.49329	-2.124014	34.93156	0.3687436	-4.585585	5.066549

LOADING 32

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	29.29436	-2.083642	-93.11334	0.5898296	118.3056	-7.557128

0.500	29.29436	-2.083642	-21.86366	0.5898296	-41.67353	-1.566656
1.000	29.29436	-2.083642	27.26291	0.5898296	-28.61178	4.423816

LOADING 33

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	34.11048	-2.007987	-84.07111	0.4473985	102.2406	-7.017200
0.500	34.11048	-2.007987	-17.11954	0.4473985	-38.31329	-1.244236
1.000	34.11048	-2.007987	29.34764	0.4473985	-15.82768	4.528728

LOADING 34

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	34.91120	-2.051512	-86.14928	0.4604810	104.6409	-7.165977
0.500	34.91120	-2.051512	-17.47846	0.4604810	-39.25924	-1.267879
1.000	34.91120	-2.051512	30.05247	0.4604810	-16.11933	4.630218

LOADING 35

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	33.30295	-1.953362	-83.97353	0.3811308	101.9478	-6.832728
0.500	33.30295	-1.953362	-17.02197	0.3811308	-38.32549	-1.216812
1.000	33.30295	-1.953362	29.44522	0.3811308	-15.55936	4.399103

LOADING 36

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	34.79128	-2.043284	-84.14110	0.5071856	102.4509	-7.139405
0.500	34.79128	-2.043284	-17.18953	0.5071856	-38.30414	-1.264965
1.000	34.79128	-2.043284	29.27766	0.5071856	-16.01974	4.609476

LOADING 37

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	34.78668	-2.009430	-83.30675	0.4251263	100.2397	-6.968678

0.500	34.78668	-2.009430	-16.35518	0.4251263	-38.11660	-1.191566
1.000	34.78668	-2.009430	30.11201	0.4251263	-13.43343	4.585546

LOADING 38

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	32.74690	-2.001356	-84.84047	0.4693435	104.2534	-7.050797
0.500	32.74690	-2.001356	-17.88891	0.4693435	-38.51236	-1.296899
1.000	32.74690	-2.001356	28.57828	0.4693435	-18.23867	4.457000

LOADING 39

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	34.11048	-2.007987	-84.07111	0.4473985	102.2406	-7.017200
0.500	34.11048	-2.007987	-17.11954	0.4473985	-38.31329	-1.244236
1.000	34.11048	-2.007987	29.34764	0.4473985	-15.82768	4.528728

LOADING 40 EX + ey: SISMA X positivo, eccentricità positiva

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-37.64466	1.341156	5.758877	-5.897438	-16.57409	5.130388
0.500	-37.64466	1.341156	5.758877	-5.897438	-0.1731282E-01	1.274563
1.000	-37.64466	1.341156	5.758877	-5.897438	16.53946	-2.581262

LOADING 41 EX - ey: SISMA X positivo, eccentricità negativa

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-41.20329	1.389299	3.299281	-5.964016	-10.16105	5.148554
0.500	-41.20329	1.389299	3.299281	-5.964016	-0.6756197	1.154320
1.000	-41.20329	1.389299	3.299281	-5.964016	8.809813	-2.839913

LOADING 42 EY + ex: SISMA Y positivo, eccentricità positiva

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	6.216126	0.4464982	38.14983	-0.2330101	-100.1577	2.843326

0.500	6.216126	0.4464982	38.14983	-0.2330101	9.523065	1.559644
1.000	6.216126	0.4464982	38.14983	-0.2330101	119.2038	0.2759615

LOADING 43 EY - ex: SISMA Y positivo, eccentricità negativa

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	5.555472	0.3857712	47.72483	-0.2132761	-125.3769	3.180183
0.500	5.555472	0.3857712	47.72483	-0.2132761	11.83194	2.071090
1.000	5.555472	0.3857712	47.72483	-0.2132761	149.0408	0.9619982

LOADING 44

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-1.669337	-0.5328814	-66.86728	-5.519942	55.61917	-1.033815
0.500	-1.669337	-0.5328814	0.8428259E-01	-5.519942	-35.47368	0.4982196
1.000	-1.669337	-0.5328814	46.55147	-5.519942	36.47293	2.030254

LOADING 45

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-5.399013	-0.8007804	-89.75718	-5.380136	115.7138	-2.739810
0.500	-5.399013	-0.8007804	-22.80562	-5.380136	-41.18752	-0.4375668
1.000	-5.399013	-0.8007804	23.66157	-5.380136	-35.04937	1.864677

LOADING 46

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-1.867533	-0.5510995	-63.99478	-5.514022	48.05339	-0.9327575
0.500	-1.867533	-0.5510995	2.956782	-5.514022	-34.78101	0.6516535
1.000	-1.867533	-0.5510995	49.42397	-5.514022	45.42403	2.236065

LOADING 47

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-5.200817	-0.7825622	-92.62968	-5.386057	123.2796	-2.840867

0.500	-5.200817	-0.7825622	-25.67812	-5.386057	-41.88018	-0.5910008
1.000	-5.200817	-0.7825622	20.78907	-5.386057	-44.00047	1.658866

LOADING 48

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	73.61998	-3.215194	-78.38504	6.274934	88.76733	-11.29459
0.500	73.61998	-3.215194	-11.43347	6.274934	-35.43905	-2.050906
1.000	73.61998	-3.215194	35.03372	6.274934	3.394017	7.192778

LOADING 49

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	69.89030	-3.483093	-101.2749	6.414740	148.8620	-13.00059
0.500	69.89030	-3.483093	-34.32337	6.414740	-41.15289	-2.986692
1.000	69.89030	-3.483093	12.14382	6.414740	-68.12829	7.027201

LOADING 50

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	73.42178	-3.233412	-75.51254	6.280854	81.20157	-11.19353
0.500	73.42178	-3.233412	-8.560972	6.280854	-34.74639	-1.897472
1.000	73.42178	-3.233412	37.90622	6.280854	12.34511	7.398589

LOADING 51

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	70.08849	-3.464875	-104.1474	6.408819	156.4277	-13.10164
0.500	70.08849	-3.464875	-37.19587	6.408819	-41.84556	-3.140126
1.000	70.08849	-3.464875	9.271317	6.408819	-77.07938	6.821390

LOADING 52

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-5.227975	-0.4847393	-69.32688	-5.586520	62.03220	-1.015648

0.500	-5.227975	-0.4847393	-2.375314	-5.586520	-36.13198	0.3779772
1.000	-5.227975	-0.4847393	44.09188	-5.586520	28.74329	1.771603

LOADING 53

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-8.957651	-0.7526382	-92.21677	-5.446714	122.1268	-2.721644
0.500	-8.957651	-0.7526382	-25.26521	-5.446714	-41.84583	-0.5578092
1.000	-8.957651	-0.7526382	21.20197	-5.446714	-42.77901	1.606026

LOADING 54

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-5.426172	-0.5029573	-66.45438	-5.580600	54.46643	-0.9145913
0.500	-5.426172	-0.5029573	0.4971853	-5.580600	-35.43932	0.5314112
1.000	-5.426172	-0.5029573	46.96437	-5.580600	37.69439	1.977414

LOADING 55

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-8.759455	-0.7344201	-95.08928	-5.452635	129.6926	-2.822701
0.500	-8.759455	-0.7344201	-28.13771	-5.452635	-42.53849	-0.7112431
1.000	-8.759455	-0.7344201	18.32948	-5.452635	-51.73012	1.400215

LOADING 56

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	77.17862	-3.263336	-75.92545	6.341511	82.35431	-11.31276
0.500	77.17862	-3.263336	-8.973875	6.341511	-34.78075	-1.930664
1.000	77.17862	-3.263336	37.49332	6.341511	11.12366	7.451429

LOADING 57

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	73.44894	-3.531235	-98.81534	6.481317	142.4489	-13.01875

0.500	73.44894	-3.531235	-31.86378	6.481317	-40.49459	-2.866450
1.000	73.44894	-3.531235	14.60341	6.481317	-60.39864	7.285852

LOADING 58

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	76.98042	-3.281555	-73.05294	6.347432	74.78853	-11.21170
0.500	76.98042	-3.281555	-6.101376	6.347432	-34.08809	-1.777230
1.000	76.98042	-3.281555	40.36581	6.347432	20.07476	7.657240

LOADING 59

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	73.64713	-3.513017	-101.6878	6.475397	150.0147	-13.11981
0.500	73.64713	-3.513017	-34.73627	6.475397	-41.18725	-3.019884
1.000	73.64713	-3.513017	11.73092	6.475397	-69.34974	7.080040

LOADING 60

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	29.03321	-1.159142	-44.19361	-1.554843	-2.889366	-2.634757
0.500	29.03321	-1.159142	22.75795	-1.554843	-28.79541	0.6977763
1.000	29.03321	-1.159142	69.22514	-1.554843	108.3380	4.030310

LOADING 61

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	51.62000	-1.963836	-47.64894	1.983620	7.055085	-5.712990
0.500	51.62000	-1.963836	19.30263	1.983620	-28.78503	-0.6696132E-01
1.000	51.62000	-1.963836	65.76981	1.983620	98.41433	5.579068

LOADING 62

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	27.96562	-1.144699	-44.93149	-1.574816	-0.9654564	-2.629308

0.500	27.96562	-1.144699	22.02007	-1.574816	-28.99291	0.6617036
1.000	27.96562	-1.144699	68.48726	-1.574816	106.0191	3.952715

LOADING 63

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	52.68760	-1.978279	-46.91106	2.003593	5.131175	-5.718440
0.500	52.68760	-1.978279	20.04050	2.003593	-28.58754	-0.3088861E-01
1.000	52.68760	-1.978279	66.50769	2.003593	100.7332	5.656662

LOADING 64

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	16.60096	-2.052139	-120.4933	-1.088823	197.4261	-8.321410
0.500	16.60096	-2.052139	-53.54171	-1.088823	-47.84155	-2.421511
1.000	16.60096	-2.052139	-7.074525	-1.088823	-130.0697	3.478387

LOADING 65

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	39.18775	-2.856833	-123.9486	2.449640	207.3705	-11.39964
0.500	39.18775	-2.856833	-56.99704	2.449640	-47.83116	-3.186249
1.000	39.18775	-2.856833	-10.52985	2.449640	-139.9933	5.027144

LOADING 66

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	15.53337	-2.037696	-121.2312	-1.108796	199.3500	-8.315961
0.500	15.53337	-2.037696	-54.27959	-1.108796	-48.03904	-2.457584
1.000	15.53337	-2.037696	-7.812404	-1.108796	-132.3886	3.400792

LOADING 67

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	40.25534	-2.871275	-123.2107	2.469613	205.4466	-11.40509

0.500	40.25534	-2.871275	-56.25916	2.469613	-47.63367	-3.150176
1.000	40.25534	-2.871275	-9.791972	2.469613	-137.6745	5.104740

LOADING 68

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	28.37255	-1.219869	-34.61862	-1.535109	-28.10860	-2.297901
0.500	28.37255	-1.219869	32.33295	-1.535109	-26.48654	1.209223
1.000	28.37255	-1.219869	78.80014	-1.535109	138.1750	4.716347

LOADING 69

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	50.95935	-2.024563	-38.07394	2.003354	-18.16415	-5.376133
0.500	50.95935	-2.024563	28.87762	2.003354	-26.47615	0.4444853
1.000	50.95935	-2.024563	75.34481	2.003354	128.2513	6.265104

LOADING 70

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	27.30496	-1.205426	-35.35649	-1.555082	-26.18469	-2.292451
0.500	27.30496	-1.205426	31.59507	-1.555082	-26.68403	1.173150
1.000	27.30496	-1.205426	78.06226	-1.555082	135.8561	4.638752

LOADING 71

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	52.02694	-2.039006	-37.33606	2.023327	-20.08806	-5.381584
0.500	52.02694	-2.039006	29.61550	2.023327	-26.27866	0.4805580
1.000	52.02694	-2.039006	76.08270	2.023327	130.5702	6.342699

LOADING 72

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	17.26161	-1.991412	-130.0683	-1.108557	222.6453	-8.658267

0.500	17.26161	-1.991412	-63.11671	-1.108557	-50.15042	-2.932958
1.000	17.26161	-1.991412	-16.64952	-1.108557	-159.9067	2.792351

LOADING 73

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	39.84841	-2.796106	-133.5236	2.429906	232.5897	-11.73650
0.500	39.84841	-2.796106	-66.57204	2.429906	-50.14004	-3.697695
1.000	39.84841	-2.796106	-20.10485	2.429906	-169.8303	4.341108

LOADING 74

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	16.19402	-1.976969	-130.8062	-1.128530	224.5692	-8.652817
0.500	16.19402	-1.976969	-63.85459	-1.128530	-50.34792	-2.969031
1.000	16.19402	-1.976969	-17.38740	-1.128530	-162.2256	2.714755

LOADING 75

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	40.91600	-2.810548	-132.7857	2.449879	230.6658	-11.74195
0.500	40.91600	-2.810548	-65.83416	2.449879	-49.94255	-3.661623
1.000	40.91600	-2.810548	-19.36697	2.449879	-167.5115	4.418703

--- MEMBER 25 ---

LOADING 1 G1 - PESI PROPRI STRUTTURALI

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	15.33728	-1.263235	-25.12421	0.1424979	-9.816862	-2.771363
0.500	15.33728	-1.263235	13.34329	0.1424979	-29.89288	0.8604373
1.000	15.33728	-1.263235	64.92079	0.1424979	79.47080	4.492238

LOADING 2 G2 - SOVRACCARICHI PERMANENTI PORTATI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	18.76219	-0.7444043	-4.224302	0.3079154	-6.008749	-1.756955
0.500		18.76219	-0.7444043	3.775386	0.3079154	-8.420844	0.3832078
1.000		18.76219	-0.7444043	19.14945	0.3079154	22.76683	2.523370

LOADING 3 Qk - SOVRACCARICHI ACCIDENTALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	3.667091	-0.1666547	-0.5727357	0.9887533E-02	-1.890446	-0.4173943
0.500		3.667091	-0.1666547	0.8863268	0.9887533E-02	-1.932153	0.6173789E-01
1.000		3.667091	-0.1666547	4.401014	0.9887533E-02	5.175907	0.5408701

LOADING 4 Qn - NEVE

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	4.002849	-0.2176031	-3.524875	0.6581361E-01	-1.456145	-0.5075508
0.500		4.002849	-0.2176031	1.793875	0.6581361E-01	-4.729693	0.1180581
1.000		4.002849	-0.2176031	10.39013	0.6581361E-01	11.99957	0.7436669

LOADING 5 Qv (+X) - VENTO IN DIREZIONE X, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	3.427412	-0.1766180	0.3453403	0.2962152	-0.9457448	-0.4038354
0.500		3.427412	-0.1766180	0.3453403	0.2962152	0.4710851E-01	0.1039414
1.000		3.427412	-0.1766180	0.3453403	0.2962152	1.039962	0.6117183

LOADING 6 Qv (-X) - VENTO IN DIREZIONE X, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-4.060806	0.2732533	-0.4833921	-0.3286465	1.327379	0.6481718
0.500		-4.060806	0.2732533	-0.4833921	-0.3286465	-0.6237368E-01	-0.1374315
1.000		-4.060806	0.2732533	-0.4833921	-0.3286465	-1.452126	-0.9230347

LOADING 7 Qv (+Y) - VENTO IN DIREZIONE Y, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-6.694767	0.3463939E-01	3.877920	0.1086073	-12.19279	0.3614457
0.500		-6.694767	0.3463939E-01	3.877920	0.1086073	-1.043776	0.2618575
1.000		-6.694767	0.3463939E-01	3.877920	0.1086073	10.10524	0.1622692

LOADING 8 Qv (-Y) - VENTO IN DIREZIONE Y, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	3.257578	-0.8689807E-02	-3.852972	-0.1101681	12.10914	-0.2868918
0.500		3.257578	-0.8689807E-02	-3.852972	-0.1101681	1.031848	-0.2619086
1.000		3.257578	-0.8689807E-02	-3.852972	-0.1101681	-10.04545	-0.2369254

LOADING 9

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	55.91674	-3.182071	-41.34502	0.9163225	-25.35224	-7.257020
0.500		55.91674	-3.182071	25.23998	0.9163225	-56.21094	1.891436
1.000		55.91674	-3.182071	123.9962	0.9163225	150.6084	11.03989

LOADING 10

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	49.17735	-2.777187	-42.09089	0.3539470	-23.30643	-6.310213
0.500		49.17735	-2.777187	24.49412	0.3539470	-56.30947	1.674201
1.000		49.17735	-2.777187	123.2504	0.3539470	148.3655	9.658615

LOADING 11

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	46.80679	-2.991940	-38.16570	0.7474754	-35.47459	-6.568267
0.500		46.80679	-2.991940	28.41930	0.7474754	-57.19274	2.033561
1.000		46.80679	-2.991940	127.1755	0.7474754	158.7672	10.63539

LOADING 12

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	55.76390	-3.030936	-45.12350	0.5505775	-13.60285	-7.151771
0.500		55.76390	-3.030936	21.46150	0.5505775	-55.32468	1.562171
1.000		55.76390	-3.030936	120.2178	0.5505775	140.6315	10.27611

LOADING 13

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	53.41824	-3.095292	-43.12957	0.9508514	-23.60868	-7.011591
0.500		53.41824	-3.095292	25.25589	0.9508514	-56.85998	1.887373
1.000		53.41824	-3.095292	125.1873	0.9508514	151.8442	10.78634

LOADING 14

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	46.67885	-2.690408	-43.87543	0.3884759	-21.56287	-6.064785
0.500		46.67885	-2.690408	24.51003	0.3884759	-56.95852	1.670137
1.000		46.67885	-2.690408	124.4414	0.3884759	149.6014	9.405059

LOADING 15

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	44.30828	-2.905160	-39.95026	0.7820043	-33.73103	-6.322838
0.500		44.30828	-2.905160	28.43521	0.7820043	-57.84178	2.029497
1.000		44.30828	-2.905160	128.3666	0.7820043	160.0030	10.38183

LOADING 16

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	53.26539	-2.944156	-46.90805	0.5851065	-11.85928	-6.906342
0.500		53.26539	-2.944156	21.47742	0.5851065	-55.97371	1.558108
1.000		53.26539	-2.944156	121.4088	0.5851065	141.8674	10.02256

LOADING 17

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	52.47255	-3.038060	-40.27872	1.079220	-23.08402	-6.873229
0.500		52.47255	-3.038060	24.11769	1.079220	-53.28444	1.861194
1.000		52.47255	-3.038060	117.6019	1.079220	143.4685	10.59562

LOADING 18

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	41.24023	-2.363253	-41.52182	0.1419277	-19.67434	-5.295218
0.500		41.24023	-2.363253	22.87460	0.1419277	-53.44867	1.499135
1.000		41.24023	-2.363253	116.3588	0.1419277	139.7304	8.293489

LOADING 19

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	37.28928	-2.721174	-34.97985	0.7978085	-39.95460	-5.725308
0.500		37.28928	-2.721174	29.41656	0.7978085	-54.92077	2.098068
1.000		37.28928	-2.721174	122.9008	0.7978085	157.0665	9.921445

LOADING 20

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	52.21780	-2.786168	-46.57618	0.4696454	-3.501691	-6.697814
0.500		52.21780	-2.786168	17.82022	0.4696454	-51.80733	1.312419
1.000		52.21780	-2.786168	111.3044	0.4696454	126.8404	9.322653

LOADING 21

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	41.82442	-2.389066	-31.47648	0.6709368	-19.01158	-5.441789
0.500		41.82442	-2.389066	19.10914	0.6709368	-42.58246	1.426777
1.000		41.82442	-2.389066	93.87352	0.6709368	114.0373	8.295342

LOADING 22

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	37.33149	-2.119143	-31.97372	0.2960197	-17.64770	-4.810585
0.500		37.33149	-2.119143	18.61190	0.2960197	-42.64815	1.281953
1.000		37.33149	-2.119143	93.37628	0.2960197	112.5420	7.374491

LOADING 23

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	35.75112	-2.262312	-29.35694	0.5583721	-25.75981	-4.982620
0.500		35.75112	-2.262312	21.22869	0.5583721	-43.23699	1.521526
1.000		35.75112	-2.262312	95.99306	0.5583721	119.4765	8.025673

LOADING 24

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	41.72252	-2.288309	-33.99547	0.4271068	-11.17865	-5.371623
0.500		41.72252	-2.288309	16.59016	0.4271068	-41.99161	1.207267
1.000		41.72252	-2.288309	91.35453	0.4271068	107.3861	7.786157

LOADING 25

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	40.15876	-2.331213	-32.66619	0.6939560	-17.84920	-5.278170
0.500		40.15876	-2.331213	19.11975	0.6939560	-43.01515	1.424068
1.000		40.15876	-2.331213	94.66757	0.6939560	114.8612	8.126307

LOADING 26

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	35.66583	-2.061290	-33.16343	0.3190390	-16.48533	-4.646966
0.500		35.66583	-2.061290	18.62251	0.3190390	-43.08084	1.279244
1.000		35.66583	-2.061290	94.17033	0.3190390	113.3659	7.205454

LOADING 27

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	34.08545	-2.204459	-30.54664	0.5813913	-24.59743	-4.819002
0.500		34.08545	-2.204459	21.23930	0.5813913	-43.66968	1.518818
1.000		34.08545	-2.204459	96.78712	0.5813913	120.3004	7.856637

LOADING 28

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	40.05686	-2.230456	-35.18517	0.4501261	-10.01627	-5.208004
0.500		40.05686	-2.230456	16.60077	0.4501261	-42.42431	1.204558
1.000		40.05686	-2.230456	92.14858	0.4501261	108.2099	7.617120

LOADING 29

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	39.52830	-2.293059	-30.76561	0.7795353	-17.49943	-5.185929
0.500		39.52830	-2.293059	18.36095	0.7795353	-40.63146	1.406616
1.000		39.52830	-2.293059	89.61064	0.7795353	109.2774	7.999160

LOADING 30

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	32.04008	-1.843188	-31.59435	0.1546736	-15.22631	-4.133921
0.500		32.04008	-1.843188	17.53222	0.1546736	-40.74094	1.165243
1.000		32.04008	-1.843188	88.78191	0.1546736	106.7853	6.464407

LOADING 31

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	29.40612	-2.081801	-27.23303	0.5919274	-28.74648	-4.420648
0.500		29.40612	-2.081801	21.89353	0.5919274	-41.72235	1.564532
1.000		29.40612	-2.081801	93.14322	0.5919274	118.3427	7.549710

LOADING 32

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	39.35846	-2.125131	-34.96392	0.3731521	-4.444542	-5.068985
0.500	39.35846	-2.125131	14.16264	0.3731521	-39.64672	1.040766
1.000	39.35846	-2.125131	85.41232	0.3731521	98.19197	7.150516

LOADING 33

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	34.09946	-2.007639	-29.34851	0.4504133	-15.82561	-4.528318
0.500	34.09946	-2.007639	17.11868	0.4504133	-38.31372	1.243645
1.000	34.09946	-2.007639	84.07024	0.4504133	102.2376	7.015608

LOADING 34

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	34.90003	-2.051160	-30.05349	0.4635760	-16.11684	-4.629828
0.500	34.90003	-2.051160	17.47745	0.4635760	-39.25966	1.267257
1.000	34.90003	-2.051160	86.14826	0.4635760	104.6375	7.164342

LOADING 35

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	34.78495	-2.042963	-29.27945	0.5096564	-16.01476	-4.609085
0.500	34.78495	-2.042963	17.18774	0.5096564	-38.30430	1.264433
1.000	34.78495	-2.042963	84.13931	0.5096564	102.4456	7.137952

LOADING 36

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	33.28730	-1.952989	-29.44519	0.3846841	-15.56014	-4.398684
0.500	33.28730	-1.952989	17.02200	0.3846841	-38.32620	1.216159
1.000	33.28730	-1.952989	83.97356	0.3846841	101.9472	6.831002

LOADING 37

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	32.76051	-2.000711	-28.57293	0.4721348	-18.26417	-4.456029
0.500	32.76051	-2.000711	17.89426	0.4721348	-38.52248	1.296017
1.000	32.76051	-2.000711	84.84582	0.4721348	104.2587	7.048062

LOADING 38

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	34.75098	-2.009377	-30.11911	0.4283797	-13.40378	-4.585696
0.500	34.75098	-2.009377	16.34808	0.4283797	-38.10735	1.191263
1.000	34.75098	-2.009377	83.29964	0.4283797	100.2285	6.968224

LOADING 39

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	34.09946	-2.007639	-29.34851	0.4504133	-15.82561	-4.528318
0.500	34.09946	-2.007639	17.11868	0.4504133	-38.31372	1.243645
1.000	34.09946	-2.007639	84.07024	0.4504133	102.2376	7.015608

LOADING 40 EX + ey: SISMA X positivo, eccentricità positiva

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	41.64947	-1.393129	3.196233	5.905210	-8.472278	-2.847117
0.500	41.64947	-1.393129	3.196233	5.905210	0.7168930	1.158129
1.000	41.64947	-1.393129	3.196233	5.905210	9.906063	5.163375

LOADING 41 EX - ey: SISMA X positivo, eccentricità negativa

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	38.19785	-1.342984	5.659093	5.849013	-16.23444	-2.578264
0.500	38.19785	-1.342984	5.659093	5.849013	0.3545930E-01	1.282815
1.000	38.19785	-1.342984	5.659093	5.849013	16.30535	5.143893

LOADING 42 EY + ex: SISMA Y positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-4.027179	-0.3669364	48.09370	0.2002639	-150.6953	0.9981109
0.500		-4.027179	-0.3669364	48.09370	0.2002639	-12.42595	2.053053
1.000		-4.027179	-0.3669364	48.09370	0.2002639	125.8434	3.107995

LOADING 43 EY - ex: SISMA Y positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-4.976863	-0.4329010	38.45686	0.2179860	-120.5653	0.2990883
0.500		-4.976863	-0.4329010	38.45686	0.2179860	-10.00180	1.543679
1.000		-4.976863	-0.4329010	38.45686	0.2179860	100.5617	2.788269

LOADING 44

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	74.54078	-3.510849	-11.72417	6.415702	-69.50649	-7.076002
0.500		74.54078	-3.510849	34.74302	6.415702	-41.32462	3.017691
1.000		74.54078	-3.510849	101.6946	6.415702	149.8967	13.11138

LOADING 45

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	76.95708	-3.290688	-40.58039	6.295544	20.91072	-7.674869
0.500		76.95708	-3.290688	5.886796	6.295544	-33.86905	1.785859
1.000		76.95708	-3.290688	72.83836	6.295544	74.39066	11.24659

LOADING 46

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	74.25587	-3.530639	-14.61522	6.421019	-60.46748	-7.285709
0.500		74.25587	-3.530639	31.85197	6.421019	-40.59737	2.864878
1.000		74.25587	-3.530639	98.80354	6.421019	142.3122	13.01546

LOADING 47

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	77.24199	-3.270898	-37.68934	6.290227	11.87170	-7.465161
0.500		77.24199	-3.270898	8.777847	6.290227	-34.59629	1.938671
1.000		77.24199	-3.270898	75.72941	6.290227	81.97518	11.34250

LOADING 48

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-8.758159	-0.7245911	-18.11664	-5.394718	-52.56194	-1.381768
0.500		-8.758159	-0.7245911	28.35055	-5.394718	-42.75840	0.7014316
1.000		-8.758159	-0.7245911	95.30211	-5.394718	130.0846	2.784631

LOADING 49

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-6.341851	-0.5044292	-46.97286	-5.514875	37.85527	-1.980634
0.500		-6.341851	-0.5044292	-0.5056701	-5.514875	-35.30283	-0.5304003
1.000		-6.341851	-0.5044292	66.44589	-5.514875	54.57853	0.9198338

LOADING 50

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-9.043063	-0.7443804	-21.00769	-5.389400	-43.52293	-1.591475
0.500		-9.043063	-0.7443804	25.45950	-5.389400	-42.03116	0.5486193
1.000		-9.043063	-0.7443804	92.41106	-5.389400	122.5001	2.688713

LOADING 51

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-6.056946	-0.4846399	-44.08181	-5.520193	28.81625	-1.770928
0.500		-6.056946	-0.4846399	2.385381	-5.520193	-36.03008	-0.3775879
1.000		-6.056946	-0.4846399	69.33694	-5.520193	62.16306	1.015752

LOADING 52

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	71.08916	-3.460704	-9.261311	6.359506	-77.26865	-6.807149
0.500		71.08916	-3.460704	37.20588	6.359506	-42.00605	3.142375
1.000		71.08916	-3.460704	104.1574	6.359506	156.2960	13.09190

LOADING 53

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	73.50546	-3.240542	-38.11753	6.239347	13.14856	-7.406016
0.500		73.50546	-3.240542	8.349657	6.239347	-34.55048	1.910544
1.000		73.50546	-3.240542	75.30122	6.239347	80.78995	11.22710

LOADING 54

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	70.80425	-3.480494	-12.15236	6.364822	-68.22964	-7.016856
0.500		70.80425	-3.480494	34.31483	6.364822	-41.27880	2.989563
1.000		70.80425	-3.480494	101.2664	6.364822	148.7115	12.99598

LOADING 55

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	73.79037	-3.220753	-35.22648	6.234030	4.109541	-7.196309
0.500		73.79037	-3.220753	11.24071	6.234030	-35.27773	2.063356
1.000		73.79037	-3.220753	78.19227	6.234030	88.37447	11.32302

LOADING 56

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-5.306538	-0.7747363	-20.57950	-5.338521	-44.79978	-1.650621
0.500		-5.306538	-0.7747363	25.88769	-5.338521	-42.07697	0.5767466
1.000		-5.306538	-0.7747363	92.83926	-5.338521	123.6853	2.804114

LOADING 57

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-2.890231	-0.5545745	-49.43572	-5.458679	45.61743	-2.249487
0.500		-2.890231	-0.5545745	-2.968530	-5.458679	-34.62140	-0.6550853
1.000		-2.890231	-0.5545745	63.98303	-5.458679	48.17924	0.9393165

LOADING 58

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-5.591443	-0.7945257	-23.47055	-5.333204	-35.76076	-1.860327
0.500		-5.591443	-0.7945257	22.99664	-5.333204	-41.34972	0.4239343
1.000		-5.591443	-0.7945257	89.94821	-5.333204	116.1008	2.708196

LOADING 59

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-2.605325	-0.5347851	-46.54467	-5.463995	36.57841	-2.039780
0.500		-2.605325	-0.5347851	-0.7747905E-01	-5.463995	-35.34864	-0.5022730
1.000		-2.605325	-0.5347851	66.87408	-5.463995	55.76376	1.035234

LOADING 60

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	42.56713	-2.792514	19.70406	2.422240	-169.0627	-4.384342
0.500		42.56713	-2.792514	66.17125	2.422240	-50.52461	3.644137
1.000		42.56713	-2.792514	133.1228	2.422240	231.0529	11.67262

LOADING 61

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	17.57744	-1.956637	17.78632	-1.120886	-163.9793	-2.676072
0.500		17.57744	-1.956637	64.25350	-1.120886	-50.95474	2.949260
1.000		17.57744	-1.956637	131.2051	-1.120886	225.1093	8.574591

LOADING 62

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	41.53164	-2.777471	20.44291	2.405381	-171.3913	-4.303687
0.500	41.53164	-2.777471	66.91010	2.405381	-50.72904	3.681543
1.000	41.53164	-2.777471	133.8617	2.405381	232.9727	11.66677

LOADING 63

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	18.61293	-1.971681	17.04746	-1.104027	-161.6506	-2.756728
0.500	18.61293	-1.971681	63.51465	-1.104027	-50.75031	2.911854
1.000	18.61293	-1.971681	130.4662	-1.104027	223.1895	8.580436

LOADING 64

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	50.62148	-2.058642	-76.48335	2.021713	132.3281	-6.380564
0.500	50.62148	-2.058642	-30.01616	2.021713	-25.67270	-0.4619692
1.000	50.62148	-2.058642	36.93541	2.021713	-20.63400	5.456626

LOADING 65

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	25.63180	-1.222764	-78.40108	-1.521414	137.4114	-4.672294
0.500	25.63180	-1.222764	-31.93390	-1.521414	-26.10284	-1.156847
1.000	25.63180	-1.222764	35.01767	-1.521414	-26.57764	2.358600

LOADING 66

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	49.58600	-2.043598	-75.74449	2.004853	129.9994	-6.299908
0.500	49.58600	-2.043598	-29.27730	2.004853	-25.87713	-0.4245636
1.000	49.58600	-2.043598	37.67426	2.004853	-18.71421	5.450781

LOADING 67

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	26.66729	-1.237808	-79.13995	-1.504555	139.7401	-4.752950
0.500		26.66729	-1.237808	-32.67276	-1.504555	-25.89841	-1.194252
1.000		26.66729	-1.237808	34.27881	-1.504555	-28.49743	2.364445

LOADING 68

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	41.61744	-2.858479	10.06722	2.439962	-138.9326	-5.083365
0.500		41.61744	-2.858479	56.53441	2.439962	-48.10046	3.134763
1.000		41.61744	-2.858479	123.4860	2.439962	205.7711	11.35289

LOADING 69

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	16.62776	-2.022602	8.149480	-1.103164	-133.8492	-3.375095
0.500		16.62776	-2.022602	54.61667	-1.103164	-48.53059	2.439885
1.000		16.62776	-2.022602	121.5682	-1.103164	199.8275	8.254865

LOADING 70

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	40.58195	-2.843436	10.80608	2.423103	-141.2612	-5.002709
0.500		40.58195	-2.843436	57.27327	2.423103	-48.30489	3.172168
1.000		40.58195	-2.843436	124.2248	2.423103	207.6909	11.34704

LOADING 71

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	17.66324	-2.037645	7.410622	-1.086305	-131.5206	-3.455751
0.500		17.66324	-2.037645	53.87781	-1.086305	-48.32616	2.402479
1.000		17.66324	-2.037645	120.8294	-1.086305	197.9077	8.260709

LOADING 72

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	51.57116	-1.992677	-66.84651	2.003990	102.1980	-5.681541
0.500		51.57116	-1.992677	-20.37932	2.003990	-28.09686	0.4740531E-01
1.000		51.57116	-1.992677	46.57225	2.003990	4.647758	5.776352

LOADING 73

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	26.58148	-1.156800	-68.76425	-1.539136	107.2814	-3.973271
0.500		26.58148	-1.156800	-22.29706	-1.539136	-28.52699	-0.6474723
1.000		26.58148	-1.156800	44.65451	-1.539136	-1.295881	2.678326

LOADING 74

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	50.53568	-1.977634	-66.10765	1.987131	99.86935	-5.600885
0.500		50.53568	-1.977634	-19.64046	1.987131	-28.30129	0.8481084E-01
1.000		50.53568	-1.977634	47.31110	1.987131	6.567545	5.770507

LOADING 75

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	27.61697	-1.171843	-69.50311	-1.522277	109.6100	-4.053927
0.500		27.61697	-1.171843	-23.03592	-1.522277	-28.32256	-0.6848779
1.000		27.61697	-1.171843	43.91565	-1.522277	-3.215668	2.684171

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LOADING 1 G1 - PESI PROPRI STRUTTURALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	15.33723	1.263041	-64.92092	-0.1425159	79.47120	4.492157
0.500		15.33723	1.263041	-13.34342	-0.1425159	-29.89286	0.8609132
1.000		15.33723	1.263041	25.12408	-0.1425159	-9.817215	-2.770330

LOADING 2 G2 - SOVRACCARICHI PERMANENTI PORTATI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	18.76213	0.7444009	-19.14948	-0.3079206	22.76692	2.523375
0.500		18.76213	0.7444009	-3.775415	-0.3079206	-8.420839	0.3832219
1.000		18.76213	0.7444009	4.224272	-0.3079206	-6.008831	-1.756931

LOADING 3 Qk - SOVRACCARICHI ACCIDENTALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	3.666678	0.1666210	-4.401303	-0.9908057E-02	5.176682	0.5408367
0.500		3.666678	0.1666210	-0.8866153	-0.9908057E-02	-1.932207	0.6180118E-01
1.000		3.666678	0.1666210	0.5724474	-0.9908057E-02	-1.891330	-0.4172344

LOADING 4 Qn - NEVE

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	4.001976	0.2175326	-10.39074	-0.6585659E-01	12.00121	0.7435966
0.500		4.001976	0.2175326	-1.794485	-0.6585659E-01	-4.729806	0.1181903
1.000		4.001976	0.2175326	3.524265	-0.6585659E-01	-1.458014	-0.5072161

LOADING 5 Qv (+X) - VENTO IN DIREZIONE X, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	3.427472	0.1769459	-0.3451065	-0.2961906	1.039282	0.6119124
0.500		3.427472	0.1769459	-0.3451065	-0.2961906	0.4710076E-01	0.1031930
1.000		3.427472	0.1769459	-0.3451065	-0.2961906	-0.9450806	-0.4055265

LOADING 6 Qv (-X) - VENTO IN DIREZIONE X, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-4.061049	-0.2735879	0.4830350	0.3286137	-1.451117	-0.9232415
0.500		-4.061049	-0.2735879	0.4830350	0.3286137	-0.6239107E-01	-0.1366765
1.000		-4.061049	-0.2735879	0.4830350	0.3286137	1.326335	0.6498887

LOADING 7 Qv (+Y) - VENTO IN DIREZIONE Y, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	3.385371	0.6876552E-02	3.824036	0.1117071	-10.01035	-0.2437088
0.500		3.385371	0.6876552E-02	3.824036	0.1117071	0.9837495	-0.2634789
1.000		3.385371	0.6876552E-02	3.824036	0.1117071	11.97785	-0.2832490

LOADING 8 Qv (-Y) - VENTO IN DIREZIONE Y, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-6.822581	-0.3282127E-01	-3.848995	-0.1101471	10.07018	0.1690559
0.500		-6.822581	-0.3282127E-01	-3.848995	-0.1101471	-0.9956802	0.2634170
1.000		-6.822581	-0.3282127E-01	-3.848995	-0.1101471	-12.06154	0.3577782

LOADING 9

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	55.91540	3.182007	-123.9971	-0.9163936	150.6108	11.03986
0.500		55.91540	3.182007	-25.24087	-0.9163936	-56.21108	1.891593
1.000		55.91540	3.182007	41.34414	-0.9163936	-25.35494	-7.256676

LOADING 10

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	49.17573	2.776526	-123.2518	-0.3540697	148.3695	9.658225
0.500		49.17573	2.776526	-24.49554	-0.3540697	-56.30962	1.675711
1.000		49.17573	2.776526	42.08946	-0.3540697	-23.31066	-6.306803

LOADING 11

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	55.87751	3.028944	-120.2449	-0.5492856	140.6662	10.26980
0.500		55.87751	3.028944	-21.48864	-0.5492856	-55.36809	1.561589
1.000		55.87751	3.028944	45.09636	-0.5492856	-13.72430	-7.146627

LOADING 12

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	46.69035	2.993217	-127.1506	-0.7489544	158.7386	10.64129
0.500		46.69035	2.993217	-28.39437	-0.7489544	-57.14958	2.035795
1.000		46.69035	2.993217	38.19063	-0.7489544	-35.35975	-6.569703

LOADING 13

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	53.41686	3.095225	-125.1882	-0.9509240	151.8467	10.78631
0.500		53.41686	3.095225	-25.25681	-0.9509240	-56.86012	1.887534
1.000		53.41686	3.095225	43.12866	-0.9509240	-23.61145	-7.011237

LOADING 14

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	46.67720	2.689744	-124.4429	-0.3886001	149.6054	9.404668
0.500		46.67720	2.689744	-24.51148	-0.3886001	-56.95867	1.671652
1.000		46.67720	2.689744	43.87399	-0.3886001	-21.56718	-6.061364

LOADING 15

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	53.37897	2.942163	-121.4360	-0.5838159	141.9021	10.01625
0.500		53.37897	2.942163	-21.50458	-0.5838159	-56.01714	1.557530
1.000		53.37897	2.942163	46.88089	-0.5838159	-11.98081	-6.901187

LOADING 16

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	44.19182	2.906434	-128.3417	-0.7834848	159.9745	10.38773
0.500		44.19182	2.906434	-28.41031	-0.7834848	-57.79862	2.031736
1.000		44.19182	2.906434	39.97516	-0.7834848	-33.61627	-6.324263

LOADING 17

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	52.47186	3.038243	-117.6022	-1.079246	143.4694	10.59576
0.500		52.47186	3.038243	-24.11801	-1.079246	-53.28450	1.860808
1.000		52.47186	3.038243	40.27840	-1.079246	-23.08499	-6.874141

LOADING 18

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	41.23908	2.362442	-116.3600	-0.1420394	139.7338	8.293026
0.500		41.23908	2.362442	-22.87580	-0.1420394	-53.44874	1.501003
1.000		41.23908	2.362442	41.52061	-0.1420394	-19.67787	-5.291018

LOADING 19

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	52.40871	2.783139	-111.3485	-0.4673992	126.8949	9.312324
0.500		52.40871	2.783139	-17.86429	-0.4673992	-51.87953	1.310800
1.000		52.40871	2.783139	46.53211	-0.4673992	-3.700589	-6.690725

LOADING 20

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	37.09679	2.723592	-122.8581	-0.8001806	157.0157	9.931471
0.500		37.09679	2.723592	-29.37384	-0.8001806	-54.84867	2.101143
1.000		37.09679	2.723592	35.02257	-0.8001806	-39.75968	-5.729184

LOADING 21

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	41.82352	2.388997	-93.87414	-0.6709873	114.0390	8.295313
0.500		41.82352	2.388997	-19.10976	-0.6709873	-42.58255	1.426947
1.000		41.82352	2.388997	31.47587	-0.6709873	-19.01343	-5.441420

LOADING 22

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	37.33041	2.118677	-93.37725	-0.2961047	112.5447	7.374221
0.500		37.33041	2.118677	-18.61287	-0.2961047	-42.64824	1.283025
1.000		37.33041	2.118677	31.97276	-0.2961047	-17.65058	-4.808170

LOADING 23

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	41.79826	2.286955	-91.37265	-0.4262486	107.4092	7.781941
0.500		41.79826	2.286955	-16.60827	-0.4262486	-42.02056	1.206944
1.000		41.79826	2.286955	33.97736	-0.4262486	-11.25967	-5.368053

LOADING 24

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	35.67348	2.263137	-95.97647	-0.5593612	119.4575	8.029600
0.500		35.67348	2.263137	-21.21209	-0.5593612	-43.20821	1.523081
1.000		35.67348	2.263137	29.37354	-0.5593612	-25.68331	-4.983437

LOADING 25

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	40.15783	2.331142	-94.66820	-0.6940075	114.8629	8.126274
0.500		40.15783	2.331142	-19.12038	-0.6940075	-43.01524	1.424241
1.000		40.15783	2.331142	32.66556	-0.6940075	-17.85111	-5.277793

LOADING 26

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	35.66471	2.060822	-94.17132	-0.3191249	113.3687	7.205183
0.500		35.66471	2.060822	-18.62350	-0.3191249	-43.08094	1.280319
1.000		35.66471	2.060822	33.16244	-0.3191249	-16.48826	-4.644544

LOADING 27

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	40.13257	2.229101	-92.16672	-0.4492688	108.2331	7.612903
0.500		40.13257	2.229101	-16.61890	-0.4492688	-42.45325	1.204238
1.000		40.13257	2.229101	35.16704	-0.4492688	-10.09735	-5.204426

LOADING 28

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	34.00779	2.205282	-96.77053	-0.5823814	120.2814	7.860561
0.500		34.00779	2.205282	-21.22272	-0.5823814	-43.64091	1.520375
1.000		34.00779	2.205282	30.56322	-0.5823814	-24.52098	-4.819810

LOADING 29

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	39.52782	2.293154	-89.61087	-0.7795555	109.2780	7.999242
0.500		39.52782	2.293154	-18.36118	-0.7795555	-40.63150	1.406423
1.000		39.52782	2.293154	30.76538	-0.7795555	-17.50013	-5.186395

LOADING 30

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	32.03931	1.842620	-88.78273	-0.1547512	106.7876	6.464088
0.500		32.03931	1.842620	-17.53304	-0.1547512	-40.74099	1.166554
1.000		32.03931	1.842620	31.59352	-0.1547512	-15.22872	-4.130980

LOADING 31

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	39.48573	2.123085	-85.44173	-0.3716577	98.22837	7.143620
0.500		39.48573	2.123085	-14.19204	-0.3716577	-39.69485	1.039751
1.000		39.48573	2.123085	34.93452	-0.3716577	-4.577199	-5.064118

LOADING 32

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	29.27777	2.083387	-93.11476	-0.5935119	118.3089	7.556385
0.500		29.27777	2.083387	-21.86507	-0.5935119	-41.67428	1.566647
1.000		29.27777	2.083387	27.26149	-0.5935119	-28.61659	-4.423091

LOADING 33

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	34.09937	2.007442	-84.07040	-0.4504366	102.2381	7.015532
0.500		34.09937	2.007442	-17.11884	-0.4504366	-38.31369	1.244135
1.000		34.09937	2.007442	29.34836	-0.4504366	-15.82605	-4.527261

LOADING 34

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	34.89976	2.050949	-86.14855	-0.4636078	104.6384	7.164250
0.500		34.89976	2.050949	-17.47773	-0.4636078	-39.25965	1.267773
1.000		34.89976	2.050949	30.05321	-0.4636078	-16.11765	-4.628705

LOADING 35

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	34.78486	2.042831	-84.13942	-0.5096747	102.4460	7.137914
0.500		34.78486	2.042831	-17.18786	-0.5096747	-38.30428	1.264774
1.000		34.78486	2.042831	29.27934	-0.5096747	-16.01506	-4.608366

LOADING 36

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	33.28716	1.952724	-83.97379	-0.3847138	101.9479	6.830883
0.500		33.28716	1.952724	-17.02223	-0.3847138	-38.32618	1.216800
1.000		33.28716	1.952724	29.44496	-0.3847138	-15.56078	-4.397284

LOADING 37

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	34.77644	2.008817	-83.30559	-0.4280951	100.2360	6.966789
0.500		34.77644	2.008817	-16.35403	-0.4280951	-38.11694	1.191439
1.000		34.77644	2.008817	30.11316	-0.4280951	-13.43047	-4.583911

LOADING 38

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	32.73485	2.000878	-84.84020	-0.4724660	104.2522	7.049343
0.500		32.73485	2.000878	-17.88863	-0.4724660	-38.51283	1.296818
1.000		32.73485	2.000878	28.57855	-0.4724660	-18.23836	-4.455706

LOADING 39

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	34.09937	2.007442	-84.07040	-0.4504366	102.2381	7.015532
0.500		34.09937	2.007442	-17.11884	-0.4504366	-38.31369	1.244135
1.000		34.09937	2.007442	29.34836	-0.4504366	-15.82605	-4.527261

LOADING 40 EX + ey: SISMA X positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	38.14918	1.352711	-5.644947	-5.850181	16.28184	5.153953
0.500		38.14918	1.352711	-5.644947	-5.850181	0.5261480E-01	1.264909
1.000		38.14918	1.352711	-5.644947	-5.850181	-16.17661	-2.624135

LOADING 41 EX - ey: SISMA X positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	41.69471	1.398224	-3.203809	-5.903395	9.909566	5.162125
0.500		41.69471	1.398224	-3.203809	-5.903395	0.6986135	1.142230
1.000		41.69471	1.398224	-3.203809	-5.903395	-8.512339	-2.877665

LOADING 42 EY + ex: SISMA Y positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	5.591393	-0.3910660	47.73624	0.2207033	-125.4110	-3.196145
0.500		5.591393	-0.3910660	47.73624	0.2207033	11.83072	-2.071830
1.000		5.591393	-0.3910660	47.73624	0.2207033	149.0724	-0.9475156

LOADING 43 EY - ex: SISMA Y positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	6.258868	-0.4498808	38.17163	0.2327881	-100.2147	-2.852499
0.500		6.258868	-0.4498808	38.17163	0.2327881	9.528693	-1.559092
1.000		6.258868	-0.4498808	38.17163	0.2327881	119.2721	-0.2656849

LOADING 44

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	73.92596	3.242833	-75.39447	-6.234407	80.89666	11.21064
0.500		73.92596	3.242833	-8.442909	-6.234407	-34.71186	1.887494
1.000		73.92596	3.242833	38.02428	-6.234407	12.71907	-7.435651

LOADING 45

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	70.57113	3.477473	-104.0362	-6.366829	156.1432	13.12833
0.500		70.57113	3.477473	-37.08465	-6.366829	-41.81030	3.130593
1.000		70.57113	3.477473	9.382536	-6.366829	-76.72437	-6.867141

LOADING 46

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	74.12621	3.225189	-78.26386	-6.230781	88.45553	11.31373
0.500		74.12621	3.225189	-11.31229	-6.230781	-35.40247	2.041316
1.000		74.12621	3.225189	35.15490	-6.230781	3.778985	-7.231102

LOADING 47

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	70.37088	3.495117	-101.1668	-6.370454	148.5844	13.02523
0.500		70.37088	3.495117	-34.21527	-6.370454	-41.11969	2.976771
1.000		70.37088	3.495117	12.25192	-6.370454	-67.78429	-7.071691

LOADING 48

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-2.372392	0.5374115	-64.10458	5.465955	48.33299	0.9027351
0.500		-2.372392	0.5374115	2.846984	5.465955	-34.81710	-0.6423228
1.000		-2.372392	0.5374115	49.31417	5.465955	45.07228	-2.187381

LOADING 49

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-5.727228	0.7720510	-92.74632	5.333534	123.5796	2.820422
0.500		-5.727228	0.7720510	-25.79476	5.333534	-41.91553	0.6007754
1.000		-5.727228	0.7720510	20.67243	5.333534	-44.37116	-1.618871

LOADING 50

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-2.172150	0.5197670	-66.97397	5.469581	55.89186	1.005829
0.500		-2.172150	0.5197670	-0.2239935E-01	5.469581	-35.50770	-0.4885014
1.000		-2.172150	0.5197670	46.44479	5.469581	36.13220	-1.982832

LOADING 51

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-5.927471	0.7896955	-89.87694	5.329908	116.0207	2.717329
0.500		-5.927471	0.7896955	-22.92537	5.329908	-41.22492	0.4469540
1.000		-5.927471	0.7896955	23.54181	5.329908	-35.43108	-1.823421

LOADING 52

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	77.47149	3.288346	-72.95334	-6.287620	74.52438	11.21881
0.500		77.47149	3.288346	-6.001772	-6.287620	-34.06587	1.764816
1.000		77.47149	3.288346	40.46542	-6.287620	20.38334	-7.689180

LOADING 53

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	74.11666	3.522986	-101.5951	-6.420042	149.7710	13.13650
0.500		74.11666	3.522986	-34.64352	-6.420042	-41.16430	3.007914
1.000		74.11666	3.522986	11.82367	-6.420042	-69.06010	-7.120671

LOADING 54

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	77.67174	3.270702	-75.82272	-6.283994	82.08326	11.32191
0.500		77.67174	3.270702	-8.871155	-6.283994	-34.75647	1.918638
1.000		77.67174	3.270702	37.59604	-6.283994	11.44325	-7.484632

LOADING 55

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	73.91641	3.540630	-98.72569	-6.423667	142.2121	13.03341
0.500		73.91641	3.540630	-31.77413	-6.423667	-40.47369	2.854093
1.000		73.91641	3.540630	14.69306	-6.423667	-60.12003	-7.325220

LOADING 56

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-5.917921	0.4918981	-66.54572	5.519169	54.70526	0.8945627
0.500		-5.917921	0.4918981	0.4058463	5.519169	-35.46309	-0.5196443
1.000		-5.917921	0.4918981	46.87304	5.519169	37.40801	-1.933851

LOADING 57

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-9.272757	0.7265376	-95.18745	5.386747	129.9518	2.812250
0.500		-9.272757	0.7265376	-28.23590	5.386747	-42.56153	0.7234538
1.000		-9.272757	0.7265376	18.23129	5.386747	-52.03543	-1.365342

LOADING 58

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-5.717678	0.4742536	-69.41510	5.522795	62.26413	0.9976563
0.500		-5.717678	0.4742536	-2.463537	5.522795	-36.15370	-0.3658229
1.000		-5.717678	0.4742536	44.00365	5.522795	28.46793	-1.729302

LOADING 59

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-9.472999	0.7441821	-92.31808	5.383121	122.3930	2.709156
0.500		-9.472999	0.7441821	-25.36651	5.383121	-41.87092	0.5696325
1.000		-9.472999	0.7441821	21.10068	5.383121	-43.09535	-1.569891

LOADING 60

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	51.13551	2.022189	-38.02765	-1.984788	-18.28830	5.365572
0.500		51.13551	2.022189	28.92392	-1.984788	-26.46719	-0.4482226
1.000		51.13551	2.022189	75.39111	-1.984788	128.3934	-6.262017

LOADING 61

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	28.24601	1.210563	-34.64068	1.525321	-28.05740	2.273200
0.500		28.24601	1.210563	32.31089	1.525321	-26.49876	-1.207168
1.000		28.24601	1.210563	78.77808	1.525321	138.0993	-4.687536

LOADING 62

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	52.19917	2.035843	-37.29531	-2.000752	-20.19998	5.368024
0.500		52.19917	2.035843	29.65626	-2.000752	-26.27339	-0.4850262
1.000		52.19917	2.035843	76.12345	-2.000752	130.6927	-6.338076

LOADING 63

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	27.18235	1.196909	-35.37302	1.541285	-26.14572	2.270749
0.500		27.18235	1.196909	31.57855	1.541285	-26.69256	-1.170364
1.000		27.18235	1.196909	78.04573	1.541285	135.8001	-4.611477

LOADING 64

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	39.95273	2.804321	-133.5001	-2.426194	232.5336	11.75786
0.500		39.95273	2.804321	-66.54855	-2.426194	-50.12863	3.695438
1.000		39.95273	2.804321	-20.08137	-2.426194	-169.7514	-4.366986

LOADING 65

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	17.06322	1.992695	-130.1132	1.083915	222.7645	8.665490
0.500		17.06322	1.992695	-63.16159	1.083915	-50.16020	2.936492
1.000		17.06322	1.992695	-16.69440	1.083915	-160.0455	-2.792505

LOADING 66

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	41.01639	2.817975	-132.7678	-2.442158	230.6219	11.76031
0.500		41.01639	2.817975	-65.81622	-2.442158	-49.93483	3.658634
1.000		41.01639	2.817975	-19.34903	-2.442158	-167.4521	-4.443045

LOADING 67

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	15.99956	1.979041	-130.8455	1.099879	224.6762	8.663038
0.500		15.99956	1.979041	-63.89393	1.099879	-50.35400	2.973296
1.000		15.99956	1.979041	-17.42674	1.099879	-162.3447	-2.716446

LOADING 68

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	51.80299	1.963375	-47.59225	-1.972703	6.907929	5.709218
0.500		51.80299	1.963375	19.35931	-1.972703	-28.76922	0.6451537E-01
1.000		51.80299	1.963375	65.82650	-1.972703	98.59309	-5.580187

LOADING 69

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	28.91348	1.151748	-44.20529	1.537406	-2.861173	2.616846
0.500		28.91348	1.151748	22.74628	1.537406	-28.80079	-0.6944299
1.000		28.91348	1.151748	69.21347	1.537406	108.2991	-4.005705

LOADING 70

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	52.86665	1.977028	-46.85992	-1.988667	4.996248	5.711669
0.500		52.86665	1.977028	20.09165	-1.988667	-28.57542	0.2771182E-01
1.000		52.86665	1.977028	66.55884	-1.988667	100.8924	-5.656245

LOADING 71

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	27.84982	1.138094	-44.93763	1.553370	-0.9494916	2.614394
0.500		27.84982	1.138094	22.01394	1.553370	-28.99459	-0.6576263
1.000		27.84982	1.138094	68.48112	1.553370	105.9998	-3.929646

LOADING 72

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	39.28526	2.863136	-123.9355	-2.438279	207.3374	11.41422
0.500		39.28526	2.863136	-56.98395	-2.438279	-47.82660	3.182700
1.000		39.28526	2.863136	-10.51676	-2.438279	-139.9512	-5.048817

LOADING 73

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	16.39575	2.051510	-120.5485	1.071830	197.5683	8.321845
0.500		16.39575	2.051510	-53.59698	1.071830	-47.85817	2.423754
1.000		16.39575	2.051510	-7.129788	1.071830	-130.2452	-3.474336

LOADING 74

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	40.34891	2.876790	-123.2032	-2.454243	205.4257	11.41667
0.500		40.34891	2.876790	-56.25161	-2.454243	-47.63280	3.145896
1.000		40.34891	2.876790	-9.784415	-2.454243	-137.6519	-5.124876

LOADING 75

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	15.33209	2.037856	-121.2809	1.087794	199.4800	8.319393
0.500		15.33209	2.037856	-54.32932	1.087794	-48.05197	2.460558
1.000		15.33209	2.037856	-7.862129	1.087794	-132.5445	-3.398277

 --- MEMBER 27 ---

LOADING 1 G1 - PESI PROPRI STRUTTURALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	14.59424	-0.4294759	-29.48503	1.256734	-16.02728	0.5591180
0.500		14.59424	-0.4294759	13.33097	1.256734	-45.76496	1.933441
1.000		14.59424	-0.4294759	70.73898	1.256734	84.85576	3.307764

LOADING 2 G2 - SOVRACCARICHI PERMANENTI PORTATI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	18.68418	-0.9220883E-01	-5.758638	0.8423862	-7.380568	0.4559485
0.500		18.68418	-0.9220883E-01	3.145362	0.8423862	-13.75061	0.7510167
1.000		18.68418	-0.9220883E-01	20.25736	0.8423862	21.50495	1.046085

LOADING 3 Qk - SOVRACCARICHI ACCIDENTALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	3.835402	-0.3625886E-01	-0.6581442	0.5249303E-01	-2.960401	0.5376098E-01
0.500		3.835402	-0.3625886E-01	0.9658559	0.5249303E-01	-3.078196	0.1697893
1.000		3.835402	-0.3625886E-01	4.877856	0.5249303E-01	5.661610	0.2858177

LOADING 4 Qn - NEVE

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	4.237925	-0.7394257E-01	-3.881661	0.4532751E-01	-3.272648	0.6362662E-01
0.500		4.237925	-0.7394257E-01	2.038339	0.4532751E-01	-7.194764	0.3002429
1.000		4.237925	-0.7394257E-01	11.60634	0.4532751E-01	13.66392	0.5368591

LOADING 5 Qv (+X) - VENTO IN DIREZIONE X, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-8.886519	-0.6375072E-04	0.9746414	-0.1173644E-01	-2.401076	-0.2134067
0.500		-8.886519	-0.6375072E-04	0.9746414	-0.1173644E-01	0.7177767	-0.2132027
1.000		-8.886519	-0.6375072E-04	0.9746414	-0.1173644E-01	3.836629	-0.2129987

LOADING 6 Qv (-X) - VENTO IN DIREZIONE X, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	5.240357	-0.2090799E-01	-0.9402422	0.7841358E-02	2.360384	0.1066177
0.500		5.240357	-0.2090799E-01	-0.9402422	0.7841358E-02	-0.6483914	0.1735232
1.000		5.240357	-0.2090799E-01	-0.9402422	0.7841358E-02	-3.657167	0.2404288

LOADING 7 Qv (+Y) - VENTO IN DIREZIONE Y, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	7.773906	0.2850040	0.8556968	-0.1743595	-2.746487	1.147004
0.500		7.773906	0.2850040	0.8556968	-0.1743595	-0.8256964E-02	0.2349917
1.000		7.773906	0.2850040	0.8556968	-0.1743595	2.729973	-0.6770211

LOADING 8 Qv (-Y) - VENTO IN DIREZIONE Y, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-7.776198	-0.3120834	-0.8936058	0.1746319	2.873631	-1.241219
0.500		-7.776198	-0.3120834	-0.8936058	0.1746319	0.1409213E-01	-0.2425516
1.000		-7.776198	-0.3120834	-0.8936058	0.1746319	-2.845446	0.7561154

LOADING 9

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	44.19562	-0.7880927	-48.83805	2.831028	-39.48625	1.255882
0.500		44.19562	-0.7880927	25.27395	2.831028	-86.73760	3.777778
1.000		44.19562	-0.7880927	135.1939	2.831028	160.4622	6.299675

LOADING 10

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	56.90981	-0.8068525	-50.56144	2.848648	-35.20093	1.543904
0.500		56.90981	-0.8068525	23.55055	2.848648	-87.96716	4.125832
1.000		56.90981	-0.8068525	133.4706	2.848648	153.7178	6.707760

LOADING 11

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	59.19000	-0.5315318	-48.94510	2.684668	-39.79712	2.480252
0.500		59.19000	-0.5315318	25.16690	2.684668	-87.39104	4.181154
1.000		59.19000	-0.5315318	135.0869	2.684668	159.4662	5.882055

LOADING 12

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	45.19491	-1.068910	-50.51947	2.998760	-34.73901	0.3308510
0.500		45.19491	-1.068910	23.59253	2.998760	-87.37093	3.751364
1.000		45.19491	-1.068910	133.5125	2.998760	154.4484	7.171878

LOADING 13

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	41.62096	-0.7891614	-50.76208	2.786284	-37.50013	1.222960
0.500		41.62096	-0.7891614	25.35392	2.786284	-87.51639	3.748277
1.000		41.62096	-0.7891614	136.5819	2.786284	162.2178	6.273593

LOADING 14

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	54.33515	-0.8079212	-52.48547	2.803905	-33.21482	1.510982
0.500		54.33515	-0.8079212	23.63053	2.803905	-88.74594	4.096330
1.000		54.33515	-0.8079212	134.8585	2.803905	155.4733	6.681677

LOADING 15

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	56.61535	-0.5326004	-50.86913	2.639924	-37.81100	2.447330
0.500		56.61535	-0.5326004	25.24687	2.639924	-88.16982	4.151651
1.000		56.61535	-0.5326004	136.4749	2.639924	161.2218	5.855973

LOADING 16

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	42.62025	-1.069979	-52.44350	2.954016	-32.75290	0.2979295
0.500		42.62025	-1.069979	23.67250	2.954016	-88.14970	3.721862
1.000		42.62025	-1.069979	134.9005	2.954016	156.2039	7.145795

LOADING 17

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	33.11061	-0.7337427	-47.26604	2.745247	-36.48629	1.047196
0.500		33.11061	-0.7337427	24.40995	2.745247	-81.68965	3.395173
1.000		33.11061	-0.7337427	128.4619	2.745247	154.2718	5.743149

LOADING 18

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	54.30092	-0.7650090	-50.13837	2.774614	-29.34410	1.527233
0.500		54.30092	-0.7650090	21.53763	2.774614	-83.73890	3.975262
1.000		54.30092	-0.7650090	125.5896	2.774614	143.0311	6.423291

LOADING 19

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	58.10125	-0.3061410	-47.44447	2.501313	-37.00441	3.087813
0.500		58.10125	-0.3061410	24.23153	2.501313	-82.77870	4.067464
1.000		58.10125	-0.3061410	128.2835	2.501313	152.6118	5.047115

LOADING 20

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	34.77609	-1.201772	-50.06842	3.024800	-28.57423	-0.4945217
0.500		34.77609	-1.201772	21.60758	3.024800	-82.74517	3.351149
1.000		34.77609	-1.201772	125.6596	3.024800	144.2487	7.196820

LOADING 21

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	33.90087	-0.5949531	-37.25785	2.167235	-29.44521	0.9725966
0.500		33.90087	-0.5949531	19.04614	2.167235	-65.76048	2.876447
1.000		33.90087	-0.5949531	102.2621	2.167235	121.1562	4.780296

LOADING 22

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	42.37700	-0.6074597	-38.40679	2.178982	-26.58834	1.164611
0.500		42.37700	-0.6074597	17.89721	2.178982	-66.58018	3.108482
1.000		42.37700	-0.6074597	101.1132	2.178982	116.6600	5.052353

LOADING 23

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	43.89713	-0.4239125	-37.32922	2.069661	-29.65246	1.788843
0.500		43.89713	-0.4239125	18.97478	2.069661	-66.19610	3.145363
1.000		43.89713	-0.4239125	102.1908	2.069661	120.4923	4.501883

LOADING 24

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	34.56707	-0.7821649	-38.37880	2.279056	-26.28039	0.3559095
0.500		34.56707	-0.7821649	17.92520	2.279056	-66.18269	2.858838
1.000		34.56707	-0.7821649	101.1412	2.279056	117.1470	5.361765

LOADING 25

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	32.18443	-0.5956656	-38.54054	2.137406	-28.12114	0.9506490
0.500		32.18443	-0.5956656	19.09946	2.137406	-66.27967	2.856779
1.000		32.18443	-0.5956656	103.1875	2.137406	122.3266	4.762908

LOADING 26

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	40.66056	-0.6081721	-39.68947	2.149153	-25.26426	1.142664
0.500		40.66056	-0.6081721	17.95053	2.149153	-67.09937	3.088814
1.000		40.66056	-0.6081721	102.0385	2.149153	117.8303	5.034965

LOADING 27

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	42.18069	-0.4246249	-38.61191	2.039832	-28.32838	1.766896
0.500		42.18069	-0.4246249	19.02809	2.039832	-66.71529	3.125695
1.000		42.18069	-0.4246249	103.1161	2.039832	121.6626	4.484495

LOADING 28

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	32.85062	-0.7828773	-39.66149	2.249227	-24.95631	0.3339618
0.500		32.85062	-0.7828773	17.97851	2.249227	-66.70187	2.839170
1.000		32.85062	-0.7828773	102.0665	2.249227	118.3174	5.344377

LOADING 29

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	26.51086	-0.5587198	-36.20985	2.110048	-27.44524	0.8334730
0.500		26.51086	-0.5587198	18.47015	2.110048	-62.39518	2.621376
1.000		26.51086	-0.5587198	97.77414	2.110048	117.0293	4.409280

LOADING 30

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	40.63774	-0.5795640	-38.12474	2.129625	-22.68378	1.153497
0.500		40.63774	-0.5795640	16.55526	2.129625	-63.76134	3.008102
1.000		40.63774	-0.5795640	95.85926	2.129625	109.5355	4.862707

LOADING 31

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	43.17129	-0.2736520	-36.32880	1.947425	-27.79065	2.193884
0.500		43.17129	-0.2736520	18.35120	1.947425	-63.12121	3.069571
1.000		43.17129	-0.2736520	97.65520	1.947425	115.9226	3.945257

LOADING 32

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	27.62118	-0.8707395	-38.07810	2.296416	-22.17054	-0.1943389
0.500		27.62118	-0.8707395	16.60190	2.296416	-63.09887	2.592027
1.000		27.62118	-0.8707395	95.90590	2.296416	110.3472	5.378394

LOADING 33

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	33.27842	-0.5216847	-35.24366	2.099120	-23.40784	1.015066
0.500		33.27842	-0.5216847	16.47634	2.099120	-59.51557	2.684458
1.000		33.27842	-0.5216847	90.99634	2.099120	106.3607	4.353848

LOADING 34

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	34.12600	-0.5364732	-36.02000	2.108186	-24.06237	1.027792
0.500		34.12600	-0.5364732	16.88400	2.108186	-60.95452	2.744506
1.000		34.12600	-0.5364732	93.31760	2.108186	109.0935	4.461220

LOADING 35

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	31.50111	-0.5216975	-35.04874	2.096773	-23.88806	0.9723850
0.500		31.50111	-0.5216975	16.67126	2.096773	-59.37202	2.641817
1.000		31.50111	-0.5216975	91.19126	2.096773	107.1280	4.311249

LOADING 36

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	34.32649	-0.5258663	-35.43171	2.100688	-22.93576	1.036390
0.500		34.32649	-0.5258663	16.28829	2.100688	-59.64524	2.719162
1.000		34.32649	-0.5258663	90.80829	2.100688	105.6293	4.401934

LOADING 37

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	34.83320	-0.4646839	-35.07253	2.064248	-23.95714	1.244467
0.500		34.83320	-0.4646839	16.64747	2.064248	-59.51722	2.731456
1.000		34.83320	-0.4646839	91.16747	2.064248	106.9067	4.218444

LOADING 38

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	31.72318	-0.5841014	-35.42239	2.134047	-22.83312	0.7668226
0.500		31.72318	-0.5841014	16.29761	2.134047	-59.51275	2.635947
1.000		31.72318	-0.5841014	90.81761	2.134047	105.7916	4.505072

LOADING 39

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	33.27842	-0.5216847	-35.24366	2.099120	-23.40784	1.015066
0.500		33.27842	-0.5216847	16.47634	2.099120	-59.51557	2.684458
1.000		33.27842	-0.5216847	90.99634	2.099120	106.3607	4.353848

LOADING 40 EX + ey: SISMA X positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-24.39326	1.306640	22.04248	0.2719630	-56.01099	1.435361
0.500		-24.39326	1.306640	22.04248	0.2719630	14.52495	-2.745886
1.000		-24.39326	1.306640	22.04248	0.2719630	85.06087	-6.927133

LOADING 41 EX - ey: SISMA X positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-32.72318	1.489911	18.79656	-0.3571263	-47.56195	1.324398
0.500		-32.72318	1.489911	18.79656	-0.3571263	12.58704	-3.443319
1.000		-32.72318	1.489911	18.79656	-0.3571263	72.73605	-8.211036

LOADING 42 EY + ex: SISMA Y positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-5.286405	1.040601	6.832953	-0.7330635	-23.54305	3.542983
0.500		-5.286405	1.040601	6.832953	-0.7330635	-1.677601	0.2130588
1.000		-5.286405	1.040601	6.832953	-0.7330635	20.18785	-3.116866

LOADING 43 EY - ex: SISMA Y positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-11.61759	1.631302	9.776132	-0.3956480	-32.58345	4.534326
0.500		-11.61759	1.631302	9.776132	-0.3956480	-1.299831	-0.6858388
1.000		-11.61759	1.631302	9.776132	-0.3956480	29.98380	-5.906004

LOADING 44

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	7.299241	1.097135	-11.15130	2.151164	-86.48174	3.513322
0.500		7.299241	1.097135	40.56870	2.151164	-45.49390	0.2489142E-02
1.000		7.299241	1.097135	115.0887	2.151164	197.4779	-3.508344

LOADING 45

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	10.47108	0.4727745	-15.25107	2.591002	-72.35591	1.387532
0.500		10.47108	0.4727745	36.46893	2.591002	-44.48734	-0.1253461
1.000		10.47108	0.4727745	110.9889	2.591002	185.3652	-1.638224

LOADING 46

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	5.399887	1.274345	-10.26835	2.252389	-89.19386	3.810725
0.500		5.399887	1.274345	41.45166	2.252389	-45.38058	-0.2671801
1.000		5.399887	1.274345	115.9716	2.252389	200.4167	-4.345086

LOADING 47

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	12.37044	0.2955645	-16.13403	2.489778	-69.64379	1.090130
0.500		12.37044	0.2955645	35.58598	2.489778	-44.60068	0.1443232
1.000		12.37044	0.2955645	110.1060	2.489778	182.4264	-0.8014832

LOADING 48

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	56.08575	-1.516144	-55.23626	1.607238	25.54023	0.6426005
0.500		56.08575	-1.516144	-3.516258	1.607238	-74.54380	5.494261
1.000		56.08575	-1.516144	71.00374	1.607238	27.35617	10.34592

LOADING 49

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	59.25760	-2.140505	-59.33603	2.047076	39.66606	-1.483190
0.500		59.25760	-2.140505	-7.616031	2.047076	-73.53724	5.366426
1.000		59.25760	-2.140505	66.90397	2.047076	15.24346	12.21604

LOADING 50

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	54.18640	-1.338934	-54.35331	1.708463	22.82811	0.9400033
0.500		54.18640	-1.338934	-2.633305	1.708463	-74.43047	5.224592
1.000		54.18640	-1.338934	71.88670	1.708463	30.29496	9.509181

LOADING 51

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	61.15695	-2.317715	-60.21899	1.945852	42.37818	-1.780592
0.500		61.15695	-2.317715	-8.498984	1.945852	-73.65057	5.636096
1.000		61.15695	-2.317715	66.02102	1.945852	12.30468	13.05278

LOADING 52

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-1.030677	1.280407	-14.39722	1.522075	-78.03271	3.402359
0.500		-1.030677	1.280407	37.32278	1.522075	-47.43180	-0.6949440
1.000		-1.030677	1.280407	111.8428	1.522075	185.1531	-4.792247

LOADING 53

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	2.141166	0.6560463	-18.49699	1.961913	-63.90688	1.276569
0.500		2.141166	0.6560463	33.22301	1.961913	-46.42525	-0.8227792
1.000		2.141166	0.6560463	107.7430	1.961913	173.0404	-2.922127

LOADING 54

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-2.930031	1.457617	-13.51426	1.623300	-80.74483	3.699762
0.500		-2.930031	1.457617	38.20573	1.623300	-47.31847	-0.9646132
1.000		-2.930031	1.457617	112.7257	1.623300	188.0919	-5.628988

LOADING 55

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	4.040521	0.4788363	-19.37994	1.860688	-61.19476	0.9791662
0.500		4.040521	0.4788363	32.34006	1.860688	-46.53857	-0.5531100
1.000		4.040521	0.4788363	106.8601	1.860688	170.1016	-2.085386

LOADING 56

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	64.41567	-1.699416	-51.99034	2.236327	17.09120	0.7535638
0.500		64.41567	-1.699416	-0.2703406	2.236327	-72.60590	6.191694
1.000		64.41567	-1.699416	74.24966	2.236327	39.68102	11.62982

LOADING 57

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	67.58752	-2.323776	-56.09011	2.676166	31.21703	-1.372226
0.500		67.58752	-2.323776	-4.370113	2.676166	-71.59933	6.063859
1.000		67.58752	-2.323776	70.14989	2.676166	27.56831	13.49994

LOADING 58

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	62.51632	-1.522206	-51.10739	2.337552	14.37908	1.050967
0.500		62.51632	-1.522206	0.6126131	2.337552	-72.49256	5.922025
1.000		62.51632	-1.522206	75.13261	2.337552	42.61980	10.79308

LOADING 59

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	69.48687	-2.500987	-56.97307	2.574941	33.92915	-1.669629
0.500		69.48687	-2.500987	-5.253066	2.574941	-71.71266	6.333528
1.000		69.48687	-2.500987	69.26693	2.574941	24.62952	14.33669

LOADING 60

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	20.67404	0.9109087	-21.79797	1.447646	-63.75418	4.988658
0.500		20.67404	0.9109087	29.92203	1.447646	-56.83569	2.073750
1.000		20.67404	0.9109087	104.4420	1.447646	152.0668	-0.8411574

LOADING 61

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	35.30999	0.1269248	-35.02346	1.284468	-30.14759	4.127441
0.500		35.30999	0.1269248	16.69654	1.284468	-65.55065	3.721282
1.000		35.30999	0.1269248	91.21655	1.284468	101.0303	3.315123

LOADING 62

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	18.17506	0.9658902	-22.77175	1.258919	-61.21948	4.955369
0.500		18.17506	0.9658902	28.94826	1.258919	-57.41706	1.864520
1.000		18.17506	0.9658902	103.4683	1.258919	148.3694	-1.226328

LOADING 63

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	37.80897	0.7194328E-01	-34.04968	1.473195	-32.68230	4.160730
0.500		37.80897	0.7194328E-01	17.67032	1.473195	-64.96928	3.930512
1.000		37.80897	0.7194328E-01	92.19032	1.473195	104.7277	3.700294

LOADING 64

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	31.24685	-1.170294	-35.46387	2.913773	-16.66809	-2.097309
0.500		31.24685	-1.170294	16.25613	2.913773	-53.48049	1.647633
1.000		31.24685	-1.170294	90.77612	2.913773	111.6911	5.392575

LOADING 65

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	45.88280	-1.954278	-48.68937	2.750595	16.93851	-2.958525
0.500		45.88280	-1.954278	3.030638	2.750595	-62.19546	3.295165
1.000		45.88280	-1.954278	77.55064	2.750595	60.65459	9.548854

LOADING 66

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	28.74787	-1.115313	-36.43765	2.725046	-14.13338	-2.130598
0.500		28.74787	-1.115313	15.28235	2.725046	-54.06186	1.438403
1.000		28.74787	-1.115313	89.80235	2.725046	107.9937	5.007404

LOADING 67

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	48.38177	-2.009260	-47.71559	2.939322	14.40380	-2.925236
0.500		48.38177	-2.009260	4.004413	2.939322	-61.61409	3.504395
1.000		48.38177	-2.009260	78.52441	2.939322	64.35204	9.934026

LOADING 68

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	14.34286	1.501609	-18.85479	1.785061	-72.79459	5.980001
0.500		14.34286	1.501609	32.86521	1.785061	-56.45792	1.174853
1.000		14.34286	1.501609	107.3852	1.785061	161.8627	-3.630295

LOADING 69

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	28.97881	0.7176248	-32.08028	1.621883	-39.18800	5.118784
0.500		28.97881	0.7176248	19.63972	1.621883	-65.17289	2.822385
1.000		28.97881	0.7176248	94.15972	1.621883	110.8262	0.5259851

LOADING 70

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	11.84388	1.556590	-19.82856	1.596334	-70.25989	5.946712
0.500		11.84388	1.556590	31.89144	1.596334	-57.03929	0.9656230
1.000		11.84388	1.556590	106.4114	1.596334	158.1653	-4.015466

LOADING 71

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	31.47779	0.6626433	-31.10650	1.810610	-41.72271	5.152073
0.500		31.47779	0.6626433	20.61350	1.810610	-64.59151	3.031615
1.000		31.47779	0.6626433	95.13350	1.810610	114.5237	0.9111560

LOADING 72

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	37.57803	-1.760994	-38.40705	2.576357	-7.627685	-3.088651
0.500		37.57803	-1.760994	13.31295	2.576357	-53.85826	2.546530
1.000		37.57803	-1.760994	87.83295	2.576357	101.8952	8.181712

LOADING 73

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	52.21399	-2.544978	-51.63254	2.413179	25.97891	-3.949868
0.500		52.21399	-2.544978	0.8745885E-01	2.413179	-62.57322	4.194062
1.000		52.21399	-2.544978	74.60746	2.413179	50.85864	12.33799

LOADING 74

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	35.07905	-1.706013	-39.38083	2.387630	-5.092975	-3.121940
0.500		35.07905	-1.706013	12.33917	2.387630	-54.43963	2.337301
1.000		35.07905	-1.706013	86.85917	2.387630	98.19772	7.796541

LOADING 75

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	54.71296	-2.599960	-50.65877	2.601906	23.44420	-3.916579
0.500		54.71296	-2.599960	1.061234	2.601906	-61.99185	4.403292
1.000		54.71296	-2.599960	75.58124	2.601906	54.55610	12.72316

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LOADING 1 G1 - PESI PROPRI STRUTTURALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	11.61691	-1.349142	-65.50506	0.4920897E-01	73.90394	-5.452876
0.500		11.61691	-1.349142	-1.306563	0.4920897E-01	-32.15951	-1.169351
1.000		11.61691	-1.349142	62.89194	0.4920897E-01	65.60725	3.114175

LOADING 2 G2 - SOVRACCARICHI PERMANENTI PORTATI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	14.99543	-0.4612145	-21.57086	0.5178202E-01	23.96362	-1.874186
0.500		14.99543	-0.4612145	-0.5206140	0.5178202E-01	-11.10660	-0.4098301
1.000		14.99543	-0.4612145	20.52964	0.5178202E-01	20.65772	1.054526

LOADING 3 Qk - SOVRACCARICHI ACCIDENTALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	3.136672	-0.1324917	-5.113015	-0.7889480E-03	5.669142	-0.5358325
0.500		3.136672	-0.1324917	-0.9651450E-01	-0.7889480E-03	-2.600985	-0.1151714
1.000		3.136672	-0.1324917	4.919985	-0.7889480E-03	5.056275	0.3054896

LOADING 4 Qn - NEVE

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	3.395040	-0.2310210	-11.48163	-0.5357379E-02	12.72288	-0.9290980
0.500		3.395040	-0.2310210	-0.1786271	-0.5357379E-02	-5.787773	-0.1956065
1.000		3.395040	-0.2310210	11.12437	-0.5357379E-02	11.58860	0.5378850

LOADING 5 Qv (+X) - VENTO IN DIREZIONE X, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-4.103511	0.1081771	1.597216	-0.3408189E-04	-5.240299	0.4041809
0.500		-4.103511	0.1081771	1.597216	-0.3408189E-04	-0.1691385	0.6071867E-01
1.000		-4.103511	0.1081771	1.597216	-0.3408189E-04	4.902022	-0.2827436

LOADING 6 Qv (-X) - VENTO IN DIREZIONE X, VERSO NEGATIVO

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	0.6075777	-0.9496904E-01	-1.579439	0.7267117E-03	5.171600	-0.3525683
0.500	0.6075777	-0.9496904E-01	-1.579439	0.7267117E-03	0.1568822	-0.5104160E-01
1.000	0.6075777	-0.9496904E-01	-1.579439	0.7267117E-03	-4.857836	0.2504851

LOADING 7 Qv (+Y) - VENTO IN DIREZIONE Y, VERSO POSITIVO

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	10.57180	1.237353	-0.1056669	-0.2449872	0.8142684	3.481523
0.500	10.57180	1.237353	-0.1056669	-0.2449872	0.4787761	-0.4470727
1.000	10.57180	1.237353	-0.1056669	-0.2449872	0.1432837	-4.375669

LOADING 8 Qv (-Y) - VENTO IN DIREZIONE Y, VERSO NEGATIVO

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-10.64249	-1.233611	0.1068988	0.2449293	-0.8310332	-3.462068
0.500	-10.64249	-1.233611	0.1068988	0.2449293	-0.4916295	0.4546480
1.000	-10.64249	-1.233611	0.1068988	0.2449293	-0.1522259	4.371364

LOADING 9

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	38.15417	-2.628107	-128.0419	0.1260561	140.5574	-10.66199
0.500	38.15417	-2.628107	-1.216578	0.1260561	-64.64048	-2.317750
1.000	38.15417	-2.628107	125.6088	0.1260561	132.8322	6.026490

LOADING 10

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	42.39415	-2.810939	-130.9009	0.1267409	149.9281	-11.34306
0.500	42.39415	-2.810939	-4.075567	0.1267409	-64.34706	-2.418334
1.000	42.39415	-2.810939	122.7498	0.1267409	124.0483	6.506396

LOADING 11

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	51.36195	-1.611849	-129.5745	-0.9440164E-01	146.0065	-7.892382
0.500		51.36195	-1.611849	-2.749173	-0.9440164E-01	-64.05736	-2.774762
1.000		51.36195	-1.611849	124.0762	-0.9440164E-01	128.5493	2.342858

LOADING 12

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	32.26909	-3.835716	-129.3832	0.3465232	144.5258	-14.14161
0.500		32.26909	-3.835716	-2.557864	0.3465232	-64.93073	-1.963213
1.000		32.26909	-3.835716	124.2675	0.3465232	128.2833	10.21519

LOADING 13

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	35.99544	-2.602635	-128.9836	0.1232215	141.5959	-10.55506
0.500		35.99544	-2.602635	-1.205777	0.1232215	-65.07983	-2.291698
1.000		35.99544	-2.602635	126.5721	0.1232215	133.9392	5.971670

LOADING 14

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	40.23542	-2.785467	-131.8426	0.1239062	150.9666	-11.23614
0.500		40.23542	-2.785467	-4.064766	0.1239062	-64.78642	-2.392282
1.000		40.23542	-2.785467	123.7131	0.1239062	125.1553	6.451575

LOADING 15

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	49.20322	-1.586377	-130.5162	-0.9723625E-01	147.0450	-7.785457
0.500		49.20322	-1.586377	-2.738372	-0.9723625E-01	-64.49670	-2.748710
1.000		49.20322	-1.586377	125.0395	-0.9723625E-01	129.6563	2.288037

LOADING 16

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	30.11036	-3.810245	-130.3249	0.3436886	145.5642	-14.03469
0.500		30.11036	-3.810245	-2.547062	0.3436886	-65.37007	-1.937161
1.000		30.11036	-3.810245	125.2308	0.3436886	129.3904	10.16037

LOADING 17

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	30.98705	-2.364463	-119.4141	0.1272191	128.9095	-9.615732
0.500		30.98705	-2.364463	-0.1134771	0.1272191	-60.84048	-2.108562
1.000		30.98705	-2.364463	119.1871	0.1272191	128.1889	5.398610

LOADING 18

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	38.05369	-2.669183	-124.1791	0.1283603	144.5274	-10.75086
0.500		38.05369	-2.669183	-4.878459	0.1283603	-60.35146	-2.276202
1.000		38.05369	-2.669183	114.4222	0.1283603	113.5492	6.198452

LOADING 19

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	53.00002	-0.6706994	-121.9684	-0.2402105	137.9914	-4.999719
0.500		53.00002	-0.6706994	-2.667801	-0.2402105	-59.86862	-2.870249
1.000		53.00002	-0.6706994	116.6328	-0.2402105	121.0508	-0.7407781

LOADING 20

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	21.17859	-4.377146	-121.6496	0.4946642	135.5234	-15.41511
0.500		21.17859	-4.377146	-2.348953	0.4946642	-61.32423	-1.517668
1.000		21.17859	-4.377146	116.9517	0.4946642	120.6076	12.37977

LOADING 21

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	28.98442	-1.993452	-96.97142	0.9750289E-01	106.7540	-8.084936
0.500		28.98442	-1.993452	-1.054676	0.9750289E-01	-48.86247	-1.755724
1.000		28.98442	-1.993452	94.86207	0.9750289E-01	100.0568	4.573487

LOADING 22

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	31.81108	-2.115340	-98.87741	0.9795937E-01	113.0011	-8.538984
0.500		31.81108	-2.115340	-2.960669	0.9795937E-01	-48.66686	-1.822780
1.000		31.81108	-2.115340	92.95609	0.9795937E-01	94.20086	4.893424

LOADING 23

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	37.78961	-1.315947	-97.99316	-0.4946896E-01	110.3867	-6.238530
0.500		37.78961	-1.315947	-2.076406	-0.4946896E-01	-48.47372	-2.060399
1.000		37.78961	-1.315947	93.84034	-0.4946896E-01	97.20153	2.117732

LOADING 24

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	25.06104	-2.798525	-97.86562	0.2444809	109.3995	-10.40468
0.500		25.06104	-2.798525	-1.948866	0.2444809	-49.05597	-1.519367
1.000		25.06104	-2.798525	93.96788	0.2444809	97.02422	7.365952

LOADING 25

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	27.54527	-1.976471	-97.59923	0.9561316E-01	107.4463	-8.013652
0.500		27.54527	-1.976471	-1.047475	0.9561316E-01	-49.15537	-1.738356
1.000		27.54527	-1.976471	95.50427	0.9561316E-01	100.7948	4.536940

LOADING 26

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	30.37193	-2.098359	-99.50521	0.9606964E-01	113.6934	-8.467702
0.500		30.37193	-2.098359	-2.953468	0.9606964E-01	-48.95976	-1.805412
1.000		30.37193	-2.098359	93.59828	0.9606964E-01	94.93888	4.856877

LOADING 27

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	36.35046	-1.298966	-98.62096	-0.5135870E-01	111.0790	-6.167246
0.500		36.35046	-1.298966	-2.069205	-0.5135870E-01	-48.76662	-2.043031
1.000		36.35046	-1.298966	94.48254	-0.5135870E-01	97.93955	2.081185

LOADING 28

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	23.62189	-2.781544	-98.49342	0.2425912	110.0918	-10.33340
0.500		23.62189	-2.781544	-1.941665	0.2425912	-49.34887	-1.501998
1.000		23.62189	-2.781544	94.61008	0.2425912	97.76225	7.329404

LOADING 29

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	24.20635	-1.817690	-91.21952	0.9827821E-01	98.98870	-7.387430
0.500		24.20635	-1.817690	-0.3192751	0.9827821E-01	-46.32914	-1.616265
1.000		24.20635	-1.817690	90.58098	0.9827821E-01	96.96130	4.154900

LOADING 30

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	28.91744	-2.020836	-94.39618	0.9903901E-01	109.4006	-8.144179
0.500		28.91744	-2.020836	-3.495930	0.9903901E-01	-46.00312	-1.728026
1.000		28.91744	-2.020836	87.40432	0.9903901E-01	87.20145	4.688128

LOADING 31

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	38.88166	-0.6885139	-92.92241	-0.1466749	105.0433	-4.310088
0.500		38.88166	-0.6885139	-2.022158	-0.1466749	-45.68123	-2.124057
1.000		38.88166	-0.6885139	88.87809	-0.1466749	92.20256	0.6197489E-01

LOADING 32

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	17.66737	-3.159478	-92.70984	0.3432416	103.3980	-11.25368
0.500		17.66737	-3.159478	-1.809592	0.3432416	-46.65163	-1.222336
1.000		17.66737	-3.159478	89.09066	0.3432416	91.90705	8.809008

LOADING 33

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	26.61234	-1.810356	-87.07593	0.1009910	97.86755	-7.327063
0.500		26.61234	-1.810356	-1.827177	0.1009910	-43.26612	-1.579181
1.000		26.61234	-1.810356	83.42157	0.1009910	86.26498	4.168701

LOADING 34

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	27.29135	-1.856561	-89.37225	0.9991951E-01	100.4121	-7.512882
0.500		27.29135	-1.856561	-1.862903	0.9991951E-01	-44.42367	-1.618302
1.000		27.29135	-1.856561	85.64645	0.9991951E-01	88.58270	4.276278

LOADING 35

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	25.79164	-1.788721	-86.75648	0.1009842	96.81950	-7.246226
0.500		25.79164	-1.788721	-1.507734	0.1009842	-43.29995	-1.567037
1.000		25.79164	-1.788721	83.74101	0.1009842	87.24538	4.112153

LOADING 36

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	26.73385	-1.829350	-87.39181	0.1011363	98.90188	-7.397576
0.500		26.73385	-1.829350	-2.143065	0.1011363	-43.23474	-1.589389
1.000		26.73385	-1.829350	83.10568	0.1011363	85.29342	4.218798

LOADING 37

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	28.72670	-1.562886	-87.09705	0.5199355E-01	98.03042	-6.630758
0.500		28.72670	-1.562886	-1.848311	0.5199355E-01	-43.17036	-1.668595
1.000		28.72670	-1.562886	83.40044	0.5199355E-01	86.29363	3.293567

LOADING 38

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	24.48384	-2.057079	-87.05454	0.1499768	97.70135	-8.019476
0.500		24.48384	-2.057079	-1.805798	0.1499768	-43.36444	-1.488251
1.000		24.48384	-2.057079	83.44296	0.1499768	86.23454	5.042974

LOADING 39

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	26.61234	-1.810356	-87.07593	0.1009910	97.86755	-7.327063
0.500		26.61234	-1.810356	-1.827177	0.1009910	-43.26612	-1.579181
1.000		26.61234	-1.810356	83.42157	0.1009910	86.26498	4.168701

LOADING 40 EX + ey: SISMA X positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-9.341990	4.748768	36.31922	-0.1681379	-118.8104	16.49542
0.500		-9.341990	4.748768	36.31922	-0.1681379	-3.496919	1.418079
1.000		-9.341990	4.748768	36.31922	-0.1681379	111.8166	-13.65926

LOADING 41 EX - ey: SISMA X positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-11.54421	0.7767890	32.91435	0.1212047	-107.6358	2.655805
0.500		-11.54421	0.7767890	32.91435	0.1212047	-3.132753	0.1894997
1.000		-11.54421	0.7767890	32.91435	0.1212047	101.3703	-2.276805

LOADING 42 EY + ex: SISMA Y positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	1.480947	-0.7806950	-0.3793393	-0.3765554	3.514613	-2.301034
0.500		1.480947	-0.7806950	-0.3793393	-0.3765554	2.310210	0.1776726
1.000		1.480947	-0.7806950	-0.3793393	-0.3765554	1.105808	2.656379

LOADING 43 EY - ex: SISMA Y positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	0.4734532	-3.871438	2.568772	0.9105839	-5.542148	-13.24640
0.500		0.4734532	-3.871438	2.568772	0.9105839	2.613703	-0.9545799
1.000		0.4734532	-3.871438	2.568772	0.9105839	10.76955	11.33724

LOADING 44

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	17.71463	2.704203	-50.87051	-0.1801136	-19.88849	8.478045
0.500		17.71463	2.704203	34.37824	-0.1801136	-46.06997	-0.1078000
1.000		17.71463	2.704203	119.6270	-0.1801136	198.4133	-8.693645

LOADING 45

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	16.82607	3.172620	-50.64291	0.4581967E-01	-21.99726	9.858665
0.500		16.82607	3.172620	34.60584	0.4581967E-01	-47.45610	-0.2144035
1.000		16.82607	3.172620	119.8546	0.4581967E-01	197.7498	-10.28747

LOADING 46

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	17.41239	1.776980	-49.98608	0.2060282	-22.60552	5.194436
0.500		17.41239	1.776980	35.26267	0.2060282	-45.97892	-0.4474757
1.000		17.41239	1.776980	120.5114	0.2060282	201.3125	-6.089387

LOADING 47

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	17.12831	4.099844	-51.52734	-0.3403221	-19.28023	13.14227
0.500		17.12831	4.099844	33.72141	-0.3403221	-47.54715	0.1252722
1.000		17.12831	4.099844	118.9702	-0.3403221	194.8507	-12.89173

LOADING 48

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	36.39862	-6.793333	-123.5089	0.1561623	217.7324	-24.51279
0.500		36.39862	-6.793333	-38.26020	0.1561623	-39.07613	-2.943958
1.000		36.39862	-6.793333	46.98855	0.1561623	-25.21987	18.62487

LOADING 49

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	35.51005	-6.324916	-123.2813	0.3820956	215.6236	-23.13217
0.500		35.51005	-6.324916	-38.03259	0.3820956	-40.46226	-3.050561
1.000		35.51005	-6.324916	47.21616	0.3820956	-25.88336	17.03105

LOADING 50

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	36.09637	-7.720556	-122.6245	0.5423041	215.0153	-27.79640
0.500		36.09637	-7.720556	-37.37576	0.5423041	-38.98509	-3.283633
1.000		36.09637	-7.720556	47.87299	0.5423041	-22.32075	21.22913

LOADING 51

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	35.81229	-5.397693	-124.1658	-0.4046244E-02	218.3406	-19.84856
0.500		35.81229	-5.397693	-38.91703	-0.4046244E-02	-40.55331	-2.710886
1.000		35.81229	-5.397693	46.33172	-0.4046244E-02	-28.78248	14.42679

LOADING 52

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	15.51241	-1.267776	-54.27538	0.1092291	-8.713878	-5.361567
0.500		15.51241	-1.267776	30.97337	0.1092291	-45.70581	-1.336379
1.000		15.51241	-1.267776	116.2221	0.1092291	187.9670	2.688809

LOADING 53

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	14.62384	-0.7993589	-54.04777	0.3351623	-10.82265	-3.980947
0.500		14.62384	-0.7993589	31.20098	0.3351623	-47.09193	-1.442983
1.000		14.62384	-0.7993589	116.4497	0.3351623	187.3036	1.094982

LOADING 54

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	15.21016	-2.194999	-53.39094	0.4953709	-11.43091	-8.645177
0.500		15.21016	-2.194999	31.85781	0.4953709	-45.61476	-1.676055
1.000		15.21016	-2.194999	117.1066	0.4953709	190.8662	5.293067

LOADING 55

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	14.92609	0.1278642	-54.93221	-0.5097948E-01	-8.105618	-0.6973383
0.500		14.92609	0.1278642	30.31654	-0.5097948E-01	-47.18298	-1.103307
1.000		14.92609	0.1278642	115.5653	-0.5097948E-01	184.4044	-1.509276

LOADING 56

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	38.60084	-2.821354	-120.1041	-0.1331804	206.5578	-10.67318
0.500		38.60084	-2.821354	-34.85533	-0.1331804	-39.44030	-1.715379
1.000		38.60084	-2.821354	50.39341	-0.1331804	-14.77359	7.242420

LOADING 57

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	37.71227	-2.352937	-119.8765	0.9275290E-01	204.4490	-9.292557
0.500		37.71227	-2.352937	-34.62773	0.9275290E-01	-40.82643	-1.821982
1.000		37.71227	-2.352937	50.62102	0.9275290E-01	-15.43708	5.648592

LOADING 58

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	38.29859	-3.748577	-119.2196	0.2529615	203.8407	-13.95679
0.500		38.29859	-3.748577	-33.97090	0.2529615	-39.34925	-2.055054
1.000		38.29859	-3.748577	51.27785	0.2529615	-11.87447	9.846678

LOADING 59

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	38.01451	-1.425714	-120.7609	-0.2933889	207.1660	-6.008948
0.500		38.01451	-1.425714	-35.51216	-0.2933889	-40.91748	-1.482306
1.000		38.01451	-1.425714	49.73659	-0.2933889	-18.33620	3.044335

LOADING 60

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	25.29069	-1.166421	-76.55949	-0.3260058	65.73904	-4.679471
0.500		25.29069	-1.166421	8.689249	-0.3260058	-42.00498	-0.9760843
1.000		25.29069	-1.166421	93.93800	-0.3260058	120.9158	2.727302

LOADING 61

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	30.89589	-4.015682	-98.35103	-0.2251230	137.0253	-14.57672
0.500		30.89589	-4.015682	-13.10228	-0.2251230	-39.90683	-1.826932
1.000		30.89589	-4.015682	72.14646	-0.2251230	53.82581	10.92286

LOADING 62

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	24.63002	-2.358015	-77.58096	-0.2392030	69.09142	-8.831355
0.500		24.63002	-2.358015	7.667789	-0.2392030	-41.89573	-1.344658
1.000		24.63002	-2.358015	92.91653	-0.2392030	117.7819	6.142038

LOADING 63

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	31.55655	-2.824088	-97.32957	-0.3119259	133.6729	-10.42484
0.500		31.55655	-2.824088	-12.08082	-0.3119259	-40.01608	-1.458358
1.000		31.55655	-2.824088	73.16793	-0.3119259	56.95969	7.508121

LOADING 64

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	22.32879	0.3949690	-75.80082	0.4271050	58.70981	-0.7740284E-01
0.500		22.32879	0.3949690	9.447928	0.4271050	-46.62540	-1.331429
1.000		22.32879	0.3949690	94.69668	0.4271050	118.7042	-2.585456

LOADING 65

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	27.93399	-2.454292	-97.59235	0.5279878	129.9961	-9.974654
0.500		27.93399	-2.454292	-12.34360	0.5279878	-44.52725	-2.182277
1.000		27.93399	-2.454292	72.90514	0.5279878	51.61419	5.610100

LOADING 66

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	21.66813	-0.7966247	-76.82228	0.5139078	62.06219	-4.229287
0.500		21.66813	-0.7966247	8.426468	0.5139078	-46.51615	-1.700003
1.000		21.66813	-0.7966247	93.67522	0.5139078	115.5703	0.8292802

LOADING 67

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	28.59466	-1.262698	-96.57089	0.4411850	126.6437	-5.822770
0.500		28.59466	-1.262698	-11.32214	0.4411850	-44.63650	-1.813703
1.000		28.59466	-1.262698	73.92660	0.4411850	54.74808	2.195364

LOADING 68

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	24.28320	-4.257164	-73.61138	0.9611335	56.68228	-15.62483
0.500		24.28320	-4.257164	11.63736	0.9611335	-41.70149	-2.108337
1.000		24.28320	-4.257164	96.88611	0.9611335	130.5795	11.40816

LOADING 69

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	29.88839	-7.106425	-95.40292	1.062016	127.9685	-25.52208
0.500		29.88839	-7.106425	-10.15417	1.062016	-39.60334	-2.959184
1.000		29.88839	-7.106425	75.09458	1.062016	63.48956	19.60372

LOADING 70

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	23.62253	-5.448758	-74.63285	1.047936	60.03467	-19.77672
0.500		23.62253	-5.448758	10.61590	1.047936	-41.59224	-2.476910
1.000		23.62253	-5.448758	95.86465	1.047936	127.4456	14.82290

LOADING 71

DISTANCE FROM START	FORCE			MOMENT		
	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000 FR	30.54906	-5.914832	-94.38146	0.9752134	124.6162	-21.37020
0.500	30.54906	-5.914832	-9.132711	0.9752134	-39.71259	-2.590610
1.000	30.54906	-5.914832	76.11604	0.9752134	66.62344	16.18898

LOADING 72

DISTANCE FROM START	FORCE			MOMENT		
	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000 FR	23.33629	3.485712	-78.74893	-0.8600342	67.76657	10.86796
0.500	23.33629	3.485712	6.499816	-0.8600342	-46.92890	-0.1991770
1.000	23.33629	3.485712	91.74857	-0.8600342	109.0404	-11.26631

LOADING 73

DISTANCE FROM START	FORCE			MOMENT		
	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000 FR	28.94148	0.6364515	-100.5405	-0.7591515	139.0528	0.9707090
0.500	28.94148	0.6364515	-15.29171	-0.7591515	-44.83075	-1.050024
1.000	28.94148	0.6364515	69.95703	-0.7591515	41.95045	-3.070758

LOADING 74

DISTANCE FROM START	FORCE			MOMENT		
	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000 FR	22.67562	2.294119	-79.77039	-0.7732315	71.11896	6.716076
0.500	22.67562	2.294119	5.478357	-0.7732315	-46.81964	-0.5677509
1.000	22.67562	2.294119	90.72710	-0.7732315	105.9065	-7.851578

LOADING 75

DISTANCE FROM START	FORCE			MOMENT		
	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000 FR	29.60215	1.828045	-99.51900	-0.8459542	135.7005	5.122593
0.500	29.60215	1.828045	-14.27026	-0.8459542	-44.93999	-0.6814507
1.000	29.60215	1.828045	70.97849	-0.8459542	45.08433	-6.485494

LOADING 1 G1 - PESI PROPRI STRUTTURALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	11.61582	1.349530	-62.89291	-0.4921860E-01	65.61024	3.115300
0.500		11.61582	1.349530	1.305598	-0.4921860E-01	-32.15963	-1.169458
1.000		11.61582	1.349530	65.50410	-0.4921860E-01	73.90078	-5.454216

LOADING 2 G2 - SOVRACCARICHI PERMANENTI PORTATI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	14.99378	0.4618562	-20.53118	-0.5177221E-01	20.66245	1.056520
0.500		14.99378	0.4618562	0.5190678	-0.5177221E-01	-11.10678	-0.4098737
1.000		14.99378	0.4618562	21.56932	-0.5177221E-01	23.95853	-1.876267

LOADING 3 Qk - SOVRACCARICHI ACCIDENTALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	3.136432	0.1325743	-4.920202	0.7889603E-03	5.056937	0.3057440
0.500		3.136432	0.1325743	0.9629872E-01	0.7889603E-03	-2.601009	-0.1151794
1.000		3.136432	0.1325743	5.112799	0.7889603E-03	5.668434	-0.5361028

LOADING 4 Qn - NEVE

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	3.394641	0.2311529	-11.12473	0.5356642E-02	11.58969	0.5382895
0.500		3.394641	0.2311529	0.1782727	0.5356642E-02	-5.787812	-0.1956208
1.000		3.394641	0.2311529	11.48127	0.5356642E-02	12.72172	-0.9295312

LOADING 5 Qv (+X) - VENTO IN DIREZIONE X, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	0.7685363	0.9280767E-01	1.563691	-0.6921409E-03	-4.829879	0.2461641

0.500	0.7685363	0.9280767E-01	1.563691	-0.6921409E-03	0.1348413	-0.4850028E-01
1.000	0.7685363	0.9280767E-01	1.563691	-0.6921409E-03	5.099562	-0.3431647

LOADING 6 Qv (-X) - VENTO IN DIREZIONE X, VERSO NEGATIVO

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-4.264452	-0.1060261	-1.581449	-0.4746510E-06	4.874006	-0.2784520
0.500	-4.264452	-0.1060261	-1.581449	-0.4746510E-06	-0.1470958	0.5818086E-01
1.000	-4.264452	-0.1060261	-1.581449	-0.4746510E-06	-5.168197	0.3948137

LOADING 7 Qv (+Y) - VENTO IN DIREZIONE Y, VERSO POSITIVO

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	10.57381	-1.241292	0.1101846	0.2451124	0.1292972	-4.386984
0.500	10.57381	-1.241292	0.1101846	0.2451124	0.4791333	-0.4458804
1.000	10.57381	-1.241292	0.1101846	0.2451124	0.8289695	3.495223

LOADING 8 Qv (-Y) - VENTO IN DIREZIONE Y, VERSO NEGATIVO

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-10.64457	1.237577	-0.1114806	-0.2450537	-0.1380438	4.382764
0.500	-10.64457	1.237577	-0.1114806	-0.2450537	-0.4919949	0.4534559
1.000	-10.64457	1.237577	-0.1114806	-0.2450537	-0.8459458	-3.475852

LOADING 9

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	42.53479	2.810555	-122.7678	-0.1267101	124.0853	6.507247
0.500	42.53479	2.810555	4.057540	-0.1267101	-64.36735	-2.416266
1.000	42.53479	2.810555	130.8829	-0.1267101	149.8506	-11.33978

LOADING 10

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	38.00510	2.631605	-125.5985	-0.1260876	132.8188	6.035092

0.500	38.00510	2.631605	1.226914	-0.1260876	-64.62109	-2.320253
1.000	38.00510	2.631605	128.0523	-0.1260876	140.6097	-10.67560

LOADING 11

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	51.35954	1.609865	-124.0760	0.9451406E-01	128.5485	2.337414
0.500	51.35954	1.609865	2.749384	0.9451406E-01	-64.05747	-2.773908
1.000	51.35954	1.609865	129.5748	0.9451406E-01	146.0071	-7.885230

LOADING 12

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	32.26300	3.840848	-124.2755	-0.3466355	128.3079	10.23019
0.500	32.26300	3.840848	2.549885	-0.3466355	-64.93149	-1.964506
1.000	32.26300	3.840848	129.3753	-0.3466355	144.4997	-14.15920

LOADING 13

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	40.37613	2.785058	-123.7311	-0.1238760	125.1921	6.452348
0.500	40.37613	2.785058	4.046796	-0.1238760	-64.80669	-2.390213
1.000	40.37613	2.785058	131.8247	-0.1238760	150.8893	-11.23277

LOADING 14

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	35.84644	2.606108	-126.5617	-0.1232535	133.9256	5.980194
0.500	35.84644	2.606108	1.216170	-0.1232535	-65.06042	-2.294200
1.000	35.84644	2.606108	128.9940	-0.1232535	141.6483	-10.56859

LOADING 15

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	49.20087	1.584368	-125.0392	0.9734810E-01	129.6554	2.282515

0.500	49.20087	1.584368	2.738641	0.9734810E-01	-64.49683	-2.747855
1.000	49.20087	1.584368	130.5165	0.9734810E-01	147.0458	-7.778225

LOADING 16

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	30.10433	3.815351	-125.2387	-0.3438015	129.4148	10.17529
0.500	30.10433	3.815351	2.539142	-0.3438015	-65.37083	-1.938452
1.000	30.10433	3.815351	130.3170	-0.3438015	145.5383	-14.05219

LOADING 17

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	38.29126	2.667378	-114.4493	-0.1283088	113.6019	6.196329
0.500	38.29126	2.667378	4.851307	-0.1283088	-60.38492	-2.272598
1.000	38.29126	2.667378	124.1519	-0.1283088	144.4077	-10.74152

LOADING 18

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	30.74178	2.369128	-119.1670	-0.1272713	128.1578	5.409405
0.500	30.74178	2.369128	0.1335960	-0.1272713	-60.80783	-2.112576
1.000	30.74178	2.369128	119.4342	-0.1272713	129.0061	-9.634557

LOADING 19

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	52.99918	0.6662284	-116.6296	0.2403981	121.0407	-0.7533925
0.500	52.99918	0.6662284	2.671047	0.2403981	-59.86848	-2.868668
1.000	52.99918	0.6662284	121.9717	0.2403981	138.0018	-4.983943

LOADING 20

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	21.17161	4.384533	-116.9621	-0.4948512	120.6397	12.40123

0.500	21.17161	4.384533	2.338549	-0.4948512	-61.32517	-1.519663
1.000	21.17161	4.384533	121.6392	-0.4948512	135.4895	-15.44055

LOADING 21

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	31.90448	2.115222	-92.96844	-0.9793882E-01	94.22654	4.894407
0.500	31.90448	2.115222	2.948316	-0.9793882E-01	-48.68042	-1.821422
1.000	31.90448	2.115222	98.86507	-0.9793882E-01	112.9483	-8.537251

LOADING 22

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	28.88468	1.995921	-94.85553	-0.9752382E-01	100.0489	4.579638
0.500	28.88468	1.995921	1.061231	-0.9752382E-01	-48.84958	-1.757413
1.000	28.88468	1.995921	96.97799	-0.9752382E-01	106.7877	-8.094464

LOADING 23

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	37.78764	1.314762	-93.84054	0.4954394E-01	97.20205	2.114519
0.500	37.78764	1.314762	2.076211	0.4954394E-01	-48.47384	-2.059850
1.000	37.78764	1.314762	97.99297	0.4954394E-01	110.3860	-6.234219

LOADING 24

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	25.05661	2.802084	-93.97355	-0.2445558	97.04163	7.376368
0.500	25.05661	2.802084	1.943212	-0.2445558	-49.05652	-1.520248
1.000	25.05661	2.802084	97.85997	-0.2445558	109.3810	-10.41686

LOADING 25

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	30.46536	2.098224	-93.61060	-0.9604946E-01	94.96445	4.857808

0.500	30.46536	2.098224	2.941153	-0.9604946E-01	-48.97331	-1.804053
1.000	30.46536	2.098224	99.49291	-0.9604946E-01	113.6408	-8.465914

LOADING 26

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	27.44557	1.978924	-95.49769	-0.9563445E-01	100.7868	4.543038
0.500	27.44557	1.978924	1.054069	-0.9563445E-01	-49.14248	-1.740044
1.000	27.44557	1.978924	97.60582	-0.9563445E-01	107.4801	-8.023127

LOADING 27

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	36.34853	1.297764	-94.48271	0.5143330E-01	97.93995	2.077919
0.500	36.34853	1.297764	2.069049	0.5143330E-01	-48.76674	-2.042481
1.000	36.34853	1.297764	98.62080	0.5143330E-01	111.0784	-6.162881

LOADING 28

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	23.61750	2.785086	-94.61571	-0.2426664	97.77954	7.339768
0.500	23.61750	2.785086	1.936050	-0.2426664	-49.34941	-1.502879
1.000	23.61750	2.785086	98.48780	-0.2426664	110.0735	-10.34553

LOADING 29

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	29.07546	2.019770	-87.42276	-0.9900464E-01	87.23765	4.687129
0.500	29.07546	2.019770	3.477493	-0.9900464E-01	-46.02547	-1.725643
1.000	29.07546	2.019770	94.37775	-0.9900464E-01	109.3197	-8.138414

LOADING 30

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	24.04247	1.820937	-90.56790	-0.9831297E-01	96.94153	4.162513

0.500	24.04247	1.820937	0.3323528	-0.9831297E-01	-46.30741	-1.618961
1.000	24.04247	1.820937	91.23260	-0.9831297E-01	99.05197	-7.400436

LOADING 31

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	38.88074	0.6856704	-88.87627	0.1468000	92.19683	0.5398118E-01
0.500	38.88074	0.6856704	2.023987	0.1468000	-45.68118	-2.123023
1.000	38.88074	0.6856704	92.92424	0.1468000	105.0491	-4.300026

LOADING 32

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	17.66235	3.164540	-89.09793	-0.3433662	91.92948	8.823730
0.500	17.66235	3.164540	1.802321	-0.3433662	-46.65231	-1.223686
1.000	17.66235	3.164540	92.70258	-0.3433662	103.3742	-11.27110

LOADING 33

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	26.60960	1.811386	-83.42409	-0.1009908	86.27269	4.171820
0.500	26.60960	1.811386	1.824666	-0.1009908	-43.26641	-1.579332
1.000	26.60960	1.811386	87.07342	-0.1009908	97.85931	-7.330483

LOADING 34

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	27.28853	1.857617	-85.64904	-0.9991949E-01	88.59062	4.279478
0.500	27.28853	1.857617	1.860320	-0.9991949E-01	-44.42397	-1.618456
1.000	27.28853	1.857617	89.36967	-0.9991949E-01	100.4037	-7.516390

LOADING 35

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	26.76331	1.829948	-83.11135	-0.1011292	85.30671	4.221053

0.500	26.76331	1.829948	2.137404	-0.1011292	-43.23944	-1.589032
1.000	26.76331	1.829948	87.38615	-0.1011292	98.87922	-7.399117

LOADING 36

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	25.75671	1.790181	-83.74038	-0.1009909	87.24748	4.116129
0.500	25.75671	1.790181	1.508376	-0.1009909	-43.29583	-1.567696
1.000	25.75671	1.790181	86.75713	-0.1009909	96.82568	-7.251521

LOADING 37

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	28.72437	1.563128	-83.40205	-0.5196833E-01	86.29855	3.294423
0.500	28.72437	1.563128	1.846702	-0.5196833E-01	-43.17058	-1.668508
1.000	28.72437	1.563128	87.09546	-0.5196833E-01	98.02510	-6.631439

LOADING 38

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	24.48069	2.058902	-83.44639	-0.1500016	86.24507	5.048373
0.500	24.48069	2.058902	1.802369	-0.1500016	-43.36480	-1.488641
1.000	24.48069	2.058902	87.05112	-0.1500016	97.69013	-8.025655

LOADING 39

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	26.60960	1.811386	-83.42409	-0.1009908	86.27269	4.171820
0.500	26.60960	1.811386	1.824666	-0.1009908	-43.26641	-1.579332
1.000	26.60960	1.811386	87.07342	-0.1009908	97.85931	-7.330483

LOADING 40 EX + ey: SISMA X positivo, eccentricità positiva

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	13.02747	4.697992	35.95642	-0.1666041	-111.1737	13.55563

0.500	13.02747	4.697992	35.95642	-0.1666041	2.987943	-1.360499
1.000	13.02747	4.697992	35.95642	-0.1666041	117.1496	-16.27662

LOADING 41 EX - ey: SISMA X positivo, eccentricità negativa

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	14.78771	0.7352736	32.59764	0.1212581	-100.8057	2.196286
0.500	14.78771	0.7352736	32.59764	0.1212581	2.691845	-0.1382073
1.000	14.78771	0.7352736	32.59764	0.1212581	106.1894	-2.472701

LOADING 42 EY + ex: SISMA Y positivo, eccentricità positiva

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	0.3665048	3.842769	-2.520225	-0.9102414	10.63716	11.25358
0.500	0.3665048	3.842769	-2.520225	-0.9102414	2.635447	-0.9472158
1.000	0.3665048	3.842769	-2.520225	-0.9102414	-5.366266	-13.14801

LOADING 43 EY - ex: SISMA Y positivo, eccentricità negativa

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	1.619651	0.7469260	0.4023230	0.3777733	1.016861	2.560020
0.500	1.619651	0.7469260	0.4023230	0.3777733	2.294237	0.1885301
1.000	1.619651	0.7469260	0.4023230	0.3777733	3.571613	-2.182960

LOADING 44

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	39.74702	7.662210	-48.22374	-0.5406674	-21.70987	21.10352
0.500	39.74702	7.662210	37.02502	-0.5406674	-39.48783	-3.223996
1.000	39.74702	7.662210	122.2738	-0.5406674	213.3990	-27.55151

LOADING 45

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	39.52712	5.356548	-46.71159	0.5477561E-02	-28.09217	14.35137

0.500	39.52712	5.356548	38.53716	0.5477561E-02	-41.06910	-2.655666
1.000	39.52712	5.356548	123.7859	0.5477561E-02	216.6188	-19.66270

LOADING 46

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	40.12296	6.733456	-47.34697	-0.1542629	-24.59596	18.49545
0.500	40.12296	6.733456	37.90178	-0.1542629	-39.59019	-2.883272
1.000	40.12296	6.733456	123.1505	-0.1542629	216.0804	-24.26200

LOADING 47

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	39.15117	6.285301	-47.58836	-0.3809269	-25.20608	16.95944
0.500	39.15117	6.285301	37.66039	-0.3809269	-40.96673	-2.996390
1.000	39.15117	6.285301	122.9091	-0.3809269	213.9374	-22.95222

LOADING 48

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	13.69209	-1.733775	-120.1366	-0.2074592	200.6375	-6.007733
0.500	13.69209	-1.733775	-34.88783	-0.2074592	-45.46371	-0.5029977
1.000	13.69209	-1.733775	50.36093	-0.2074592	-20.90016	5.001738

LOADING 49

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	13.47218	-4.039436	-118.6244	0.3386857	194.2552	-12.75988
0.500	13.47218	-4.039436	-33.37569	0.3386857	-47.04498	0.6533183E-01
1.000	13.47218	-4.039436	51.87306	0.3386857	-17.68040	12.89054

LOADING 50

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	14.06803	-2.662528	-119.2598	0.1789453	197.7514	-8.615801

0.500	14.06803	-2.662528	-34.01106	0.1789453	-45.56608	-0.1622739
1.000	14.06803	-2.662528	51.23769	0.1789453	-18.21880	8.291253

LOADING 51

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	13.09624	-3.110683	-119.5012	-0.4771873E-01	197.1413	-10.15181
0.500	13.09624	-3.110683	-34.25246	-0.4771873E-01	-46.94262	-0.2753920
1.000	13.09624	-3.110683	50.99630	-0.4771873E-01	-20.36176	9.601028

LOADING 52

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	41.50727	3.699491	-51.58252	-0.2528051	-11.34184	9.744180
0.500	41.50727	3.699491	33.66624	-0.2528051	-39.78393	-2.001704
1.000	41.50727	3.699491	118.9150	-0.2528051	202.4388	-13.74759

LOADING 53

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	41.28736	1.393829	-50.07038	0.2933398	-17.72413	2.992033
0.500	41.28736	1.393829	35.17838	0.2933398	-41.36520	-1.433375
1.000	41.28736	1.393829	120.4271	0.2933398	205.6586	-5.858782

LOADING 54

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	41.88321	2.770738	-50.70575	0.1335993	-14.22793	7.136112
0.500	41.88321	2.770738	34.54300	0.1335993	-39.88629	-1.660980
1.000	41.88321	2.770738	119.7918	0.1335993	205.1201	-10.45807

LOADING 55

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	40.91142	2.322582	-50.94714	-0.9306466E-01	-14.83804	5.600101

0.500	40.91142	2.322582	34.30161	-0.9306466E-01	-41.26283	-1.774098
1.000	40.91142	2.322582	119.5504	-0.9306466E-01	202.9772	-9.148296

LOADING 56

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	11.93184	2.228944	-116.7778	-0.4953214	190.2695	5.351607
0.500	11.93184	2.228944	-31.52904	-0.4953214	-45.16761	-1.725289
1.000	11.93184	2.228944	53.71971	-0.4953214	-9.939926	-8.802185

LOADING 57

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	11.71194	-0.7671807E-01	-115.2657	0.5082348E-01	183.8872	-1.400540
0.500	11.71194	-0.7671807E-01	-30.01691	0.5082348E-01	-46.74888	-1.156960
1.000	11.71194	-0.7671807E-01	55.23185	0.5082348E-01	-6.720166	-0.9133800

LOADING 58

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	12.30778	1.300191	-115.9010	-0.1089170	187.3834	2.743540
0.500	12.30778	1.300191	-30.65228	-0.1089170	-45.26998	-1.384565
1.000	12.30778	1.300191	54.59648	-0.1089170	-7.258562	-5.512671

LOADING 59

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	11.33599	0.8520349	-116.1424	-0.3355810	186.7733	1.207528
0.500	11.33599	0.8520349	-30.89367	-0.3355810	-46.64652	-1.497684
1.000	11.33599	0.8520349	54.35508	-0.3355810	-9.401529	-4.202895

LOADING 60

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	30.88435	7.063553	-75.15739	-1.061213	63.55773	19.49209

0.500	30.88435	7.063553	10.09137	-1.061213	-39.73457	-2.934697
1.000	30.88435	7.063553	95.34012	-1.061213	127.6379	-25.36148

LOADING 61

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	23.06787	4.244758	-96.73124	-0.9612511	130.2619	11.35871
0.500	23.06787	4.244758	-11.48249	-0.9612511	-41.52734	-2.118398
1.000	23.06787	4.244758	73.76627	-0.9612511	57.34816	-15.59551

LOADING 62

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	31.41242	5.874738	-76.16502	-0.9748548	66.66814	16.08428
0.500	31.41242	5.874738	9.083734	-0.9748548	-39.82341	-2.568010
1.000	31.41242	5.874738	94.33249	-0.9748548	124.3499	-21.22030

LOADING 63

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	22.53979	5.433574	-95.72361	-1.047610	127.1515	14.76651
0.500	22.53979	5.433574	-10.47485	-1.047610	-41.43851	-2.485085
1.000	22.53979	5.433574	74.77390	-1.047610	60.63624	-19.73668

LOADING 64

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	30.15133	-0.6219853	-70.11694	0.7592694	42.28341	-3.015069
0.500	30.15133	-0.6219853	15.13182	0.7592694	-45.00547	-1.040266
1.000	30.15133	-0.6219853	100.3806	0.7592694	138.3705	0.9345375

LOADING 65

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	22.33486	-3.440781	-91.69079	0.8592318	108.9876	-11.14845

0.500	22.33486	-3.440781	-6.442038	0.8592318	-46.79823	-0.2239664
1.000	22.33486	-3.440781	78.80672	0.8592318	68.08070	10.70051

LOADING 66

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	30.67941	-1.810801	-71.12457	0.8456281	45.39382	-6.422872
0.500	30.67941	-1.810801	14.12418	0.8456281	-45.09430	-0.6735784
1.000	30.67941	-1.810801	99.37294	0.8456281	135.0824	5.075715

LOADING 67

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	21.80678	-2.251965	-90.68316	0.7728732	105.8772	-7.740644
0.500	21.80678	-2.251965	-5.434402	0.7728732	-46.70941	-0.5906540
1.000	21.80678	-2.251965	79.81435	0.7728732	71.36877	6.559335

LOADING 68

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	32.13749	3.967710	-72.23484	0.2268012	53.93743	10.79853
0.500	32.13749	3.967710	13.01392	0.2268012	-40.07579	-1.798951
1.000	32.13749	3.967710	98.26267	0.2268012	136.5758	-14.39643

LOADING 69

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	24.32101	1.148915	-93.80869	0.3267637	120.6417	2.665152
0.500	24.32101	1.148915	-8.559938	0.3267637	-41.86855	-0.9826521
1.000	24.32101	1.148915	76.68882	0.3267637	66.28604	-4.630456

LOADING 70

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	32.66557	2.778894	-73.24247	0.3131599	57.04784	7.390727

0.500	32.66557	2.778894	12.00628	0.3131599	-40.16462	-1.432264
1.000	32.66557	2.778894	97.25504	0.3131599	133.2877	-10.25525

LOADING 71

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	23.79294	2.337730	-92.80106	0.2404050	117.5313	6.072954
0.500	23.79294	2.337730	-7.552304	0.2404050	-41.77972	-1.349340
1.000	23.79294	2.337730	77.69645	0.2404050	69.57411	-8.771633

LOADING 72

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	28.89819	2.473858	-73.03948	-0.5287454	51.90371	5.678487
0.500	28.89819	2.473858	12.20927	-0.5287454	-44.66426	-2.176012
1.000	28.89819	2.473858	97.45802	-0.5287454	129.4326	-10.03051

LOADING 73

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	21.08171	-0.3449373	-94.61334	-0.4287829	118.6079	-2.454888
0.500	21.08171	-0.3449373	-9.364585	-0.4287829	-46.45702	-1.359712
1.000	21.08171	-0.3449373	75.88416	-0.4287829	59.14282	-0.2645363

LOADING 74

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	29.42626	1.285042	-74.04712	-0.4423867	55.01412	2.270686
0.500	29.42626	1.285042	11.20164	-0.4423867	-44.75309	-1.809324
1.000	29.42626	1.285042	96.45039	-0.4423867	126.1445	-5.889334

LOADING 75

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	20.55363	0.8438783	-93.60571	-0.5151415	115.4975	0.9529138

0.500	20.55363	0.8438783	-8.356950	-0.5151415	-46.36819	-1.726400
1.000	20.55363	0.8438783	76.89180	-0.5151415	62.43089	-4.405714

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LOADING 1 G1 - PESI PROPRI STRUTTURALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	14.59101	0.4296190	-70.73952	-1.256692	84.85789	3.308610
0.500		14.59101	0.4296190	-13.33152	-1.256692	-45.76456	1.933829
1.000		14.59101	0.4296190	29.48447	-1.256692	-16.02864	0.5590484

LOADING 2 G2 - SOVRACCARICHI PERMANENTI PORTATI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	18.67949	0.9265691E-01	-20.25822	-0.8423495	21.50836	1.047612
0.500		18.67949	0.9265691E-01	-3.146220	-0.8423495	-13.74995	0.7511096
1.000		18.67949	0.9265691E-01	5.757779	-0.8423495	-7.382654	0.4546074

LOADING 3 Qk - SOVRACCARICHI ACCIDENTALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	3.834711	0.3631524E-01	-4.877978	-0.5248706E-01	5.662089	0.2860359
0.500		3.834711	0.3631524E-01	-0.9659779	-0.5248706E-01	-3.078106	0.1698272
1.000		3.834711	0.3631524E-01	0.6580220	-0.5248706E-01	-2.960702	0.5361840E-01

LOADING 4 Qn - NEVE

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	4.236776	0.7403120E-01	-11.60654	-0.4531727E-01	13.66471	0.5372191
0.500		4.236776	0.7403120E-01	-2.038541	-0.4531727E-01	-7.194616	0.3003192
1.000		4.236776	0.7403120E-01	3.881459	-0.4531727E-01	-3.273146	0.6341942E-01

LOADING 5 Qv (+X) - VENTO IN DIREZIONE X, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	5.310900	0.1908507E-01	0.9143968	-0.8152660E-02	-3.570786	0.2317555
0.500		5.310900	0.1908507E-01	0.9143968	-0.8152660E-02	-0.6447166	0.1706833
1.000		5.310900	0.1908507E-01	0.9143968	-0.8152660E-02	2.281353	0.1096111

LOADING 6 Qv (-X) - VENTO IN DIREZIONE X, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-8.957006	0.1884913E-02	-0.9487857	0.1204677E-01	3.750209	-0.2043367
0.500		-8.957006	0.1884913E-02	-0.9487857	0.1204677E-01	0.7140948	-0.2103685
1.000		-8.957006	0.1884913E-02	-0.9487857	0.1204677E-01	-2.322019	-0.2164002

LOADING 7 Qv (+Y) - VENTO IN DIREZIONE Y, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	7.780994	-0.2847447	-0.8542527	0.1735981	2.723593	-0.6745538
0.500		7.780994	-0.2847447	-0.8542527	0.1735981	-0.1001597E-01	0.2366294
1.000		7.780994	-0.2847447	-0.8542527	0.1735981	-2.743624	1.147812

LOADING 8 Qv (-Y) - VENTO IN DIREZIONE Y, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-7.783475	0.3118465	0.8921264	-0.1738695	-2.838924	0.7537149
0.500		-7.783475	0.3118465	0.8921264	-0.1738695	0.1588007E-01	-0.2441939
1.000		-7.783475	0.3118465	0.8921264	-0.1738695	2.870684	-1.242103

LOADING 9

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	56.96111	0.8061315	-133.4960	-2.848810	153.8041	6.703637
0.500		56.96111	0.8061315	-23.57598	-2.848810	-87.96223	4.124015
1.000		56.96111	0.8061315	50.53601	-2.848810	-35.27738	1.544395

LOADING 10

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	44.11999	0.7906514	-135.1728	-2.830631	160.3930	6.311153
0.500		44.11999	0.7906514	-25.25284	-2.830631	-86.73930	3.781069
1.000		44.11999	0.7906514	48.85915	-2.830631	-39.42041	1.250985

LOADING 11

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	59.18419	0.5326847	-135.0878	-2.685235	159.4690	5.887958
0.500		59.18419	0.5326847	-25.16777	-2.685235	-87.39099	4.183367
1.000		59.18419	0.5326847	48.94423	-2.685235	-39.79986	2.478776

LOADING 12

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	45.17617	1.069617	-133.5160	-2.997955	154.4628	7.173399
0.500		45.17617	1.069617	-23.59603	-2.997955	-87.36769	3.750626
1.000		45.17617	1.069617	50.51597	-2.997955	-34.74698	0.3278524

LOADING 13

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	54.38662	0.8071821	-134.8839	-2.804067	155.5595	6.677497
0.500		54.38662	0.8071821	-23.65592	-2.804067	-88.74104	4.094514
1.000		54.38662	0.8071821	52.46008	-2.804067	-33.29119	1.511532

LOADING 14

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	41.54550	0.7917019	-136.5608	-2.785888	162.1484	6.285014
0.500		41.54550	0.7917019	-25.33278	-2.785888	-87.51810	3.751568
1.000		41.54550	0.7917019	50.78321	-2.785888	-37.43422	1.218122

LOADING 15

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	56.60970	0.5337352	-136.4757	-2.640492	161.2244	5.861818
0.500		56.60970	0.5337352	-25.24770	-2.640492	-88.16980	4.153865
1.000		56.60970	0.5337352	50.86829	-2.640492	-37.81367	2.445913

LOADING 16

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	42.60168	1.070667	-134.9039	-2.953212	156.2182	7.147260
0.500		42.60168	1.070667	-23.67596	-2.953212	-88.14649	3.721125
1.000		42.60168	1.070667	52.44003	-2.953212	-32.76079	0.2949893

LOADING 17

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	54.39558	0.7631097	-125.6304	-2.774971	143.1685	6.413636
0.500		54.39558	0.7631097	-21.57838	-2.774971	-83.73190	3.971685
1.000		54.39558	0.7631097	50.09762	-2.774971	-29.46752	1.529734

LOADING 18

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	32.99372	0.7373095	-128.4251	-2.744672	154.1500	5.759497
0.500		32.99372	0.7373095	-24.37315	-2.744672	-81.69369	3.400107
1.000		32.99372	0.7373095	47.30285	-2.744672	-36.37258	1.040717

LOADING 19

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	58.10072	0.3073650	-128.2833	-2.502345	152.6100	5.054172
0.500		58.10072	0.3073650	-24.23135	-2.502345	-82.77985	4.070603
1.000		58.10072	0.3073650	47.44464	-2.502345	-37.00499	3.087036

LOADING 20

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	34.75402	1.202252	-125.6638	-3.023546	144.2663	7.196575
0.500		34.75402	1.202252	-21.61178	-3.023546	-82.74100	3.349369
1.000		34.75402	1.202252	50.06421	-3.023546	-28.58352	-0.4978368

LOADING 21

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	42.41014	0.6070578	-101.1303	-2.179079	116.7182	5.049921
0.500		42.41014	0.6070578	-17.91435	-2.179079	-66.57675	3.107336
1.000		42.41014	0.6070578	38.38964	-2.179079	-26.63976	1.164750

LOADING 22

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	33.84939	0.5967378	-102.2483	-2.166959	121.1108	4.788265
0.500		33.84939	0.5967378	-19.03226	-2.166959	-65.76147	2.878705
1.000		33.84939	0.5967378	37.27174	-2.166959	-29.40179	0.9691437

LOADING 23

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	43.89219	0.4247600	-102.1915	-2.070029	120.4949	4.506135
0.500		43.89219	0.4247600	-18.97554	-2.070029	-66.19594	3.146903
1.000		43.89219	0.4247600	37.32845	-2.070029	-29.65475	1.787671

LOADING 24

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	34.55351	0.7827147	-101.1437	-2.278509	117.1573	5.363096
0.500		34.55351	0.7827147	-17.92772	-2.278509	-66.18040	2.858409
1.000		34.55351	0.7827147	38.37628	-2.278509	-26.28616	0.3537223

LOADING 25

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	40.69382	0.6077582	-102.0556	-2.149251	117.8885	5.032495
0.500	40.69382	0.6077582	-17.96765	-2.149251	-67.09596	3.087668
1.000	40.69382	0.6077582	39.67235	-2.149251	-25.31563	1.142842

LOADING 26

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	32.13307	0.5974381	-103.1736	-2.137131	122.2811	4.770839
0.500	32.13307	0.5974381	-19.08555	-2.137131	-66.28067	2.859037
1.000	32.13307	0.5974381	38.55444	-2.137131	-28.07766	0.9472351

LOADING 27

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	42.17587	0.4254603	-103.1168	-2.040200	121.6651	4.488708
0.500	42.17587	0.4254603	-19.02884	-2.040200	-66.71514	3.127236
1.000	42.17587	0.4254603	38.61116	-2.040200	-28.33062	1.765763

LOADING 28

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	32.83719	0.7834151	-102.0690	-2.248681	118.3276	5.345670
0.500	32.83719	0.7834151	-17.98101	-2.248681	-66.69961	2.838742
1.000	32.83719	0.7834151	39.65899	-2.248681	-24.96203	0.3318137

LOADING 29

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	40.69978	0.5783767	-95.88661	-2.129853	109.6278	4.856587
0.500	40.69978	0.5783767	-16.58262	-2.129853	-63.75654	3.005782
1.000	40.69978	0.5783767	38.09738	-2.129853	-22.76652	1.154977

LOADING 30

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	26.43188	0.5611765	-97.74980	-2.109653	116.9488	4.420495
0.500		26.43188	0.5611765	-18.44580	-2.109653	-62.39773	2.624730
1.000		26.43188	0.5611765	36.23420	-2.109653	-27.36989	0.8289654

LOADING 31

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	43.16988	0.2745468	-97.65527	-1.948102	115.9222	3.950278
0.500		43.16988	0.2745468	-18.35127	-1.948102	-63.12183	3.071728
1.000		43.16988	0.2745468	36.32873	-1.948102	-27.79150	2.193178

LOADING 32

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	27.60541	0.8711380	-95.90889	-2.295570	110.3597	5.378546
0.500		27.60541	0.8711380	-16.60489	-2.295570	-63.09594	2.590904
1.000		27.60541	0.8711380	38.07511	-2.295570	-22.17719	-0.1967371

LOADING 33

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	33.27050	0.5222760	-90.99773	-2.099042	106.3663	4.356222
0.500		33.27050	0.5222760	-16.47774	-2.099042	-59.51451	2.684939
1.000		33.27050	0.5222760	35.24225	-2.099042	-23.41130	1.013656

LOADING 34

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	34.11785	0.5370822	-93.31905	-2.108105	109.0992	4.463665
0.500		34.11785	0.5370822	-16.88545	-2.108105	-60.95343	2.745003
1.000		34.11785	0.5370822	36.01855	-2.108105	-24.06593	1.026340

LOADING 35

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	34.33268	0.5260930	-90.81486	-2.100672	105.6521	4.402573
0.500		34.33268	0.5260930	-16.29486	-2.100672	-59.64345	2.719075
1.000		34.33268	0.5260930	35.42513	-2.100672	-22.95503	1.035578

LOADING 36

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	31.47910	0.5226529	-91.18750	-2.096632	107.1163	4.315354
0.500		31.47910	0.5226529	-16.66750	-2.096632	-59.37170	2.642865
1.000		31.47910	0.5226529	35.05250	-2.096632	-23.87570	0.9703758

LOADING 37

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	34.82670	0.4653270	-91.16859	-2.064322	106.9110	4.221311
0.500		34.82670	0.4653270	-16.64859	-2.064322	-59.51651	2.732265
1.000		34.82670	0.4653270	35.07140	-2.064322	-23.96002	1.243218

LOADING 38

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	31.71380	0.5846453	-90.81931	-2.133816	105.7985	4.506965
0.500		31.71380	0.5846453	-16.29932	-2.133816	-59.51134	2.636100
1.000		31.71380	0.5846453	35.42068	-2.133816	-22.83716	0.7652353

LOADING 39

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	33.27050	0.5222760	-90.99773	-2.099042	106.3663	4.356222
0.500		33.27050	0.5222760	-16.47774	-2.099042	-59.51451	2.684939
1.000		33.27050	0.5222760	35.24225	-2.099042	-23.41130	1.013656

LOADING 40 EX + ey: SISMA X positivo, eccentricità positiva

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	25.99852	1.268976	21.44771	0.2643200	-83.07021	6.740332
0.500	25.99852	1.268976	21.44771	0.2643200	-14.43754	2.679609
1.000	25.99852	1.268976	21.44771	0.2643200	54.19514	-1.381115

LOADING 41 EX - ey: SISMA X positivo, eccentricità negativa

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	34.15115	1.451214	18.27748	-0.3629396	-71.00182	8.029873
0.500	34.15115	1.451214	18.27748	-0.3629396	-12.51388	3.385989
1.000	34.15115	1.451214	18.27748	-0.3629396	45.97406	-1.257894

LOADING 42 EY + ex: SISMA Y positivo, eccentricità positiva

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-11.61201	-1.630539	-9.743489	0.3905253	29.86115	-5.886816
0.500	-11.61201	-1.630539	-9.743489	0.3905253	-1.318012	-0.6690931
1.000	-11.61201	-1.630539	-9.743489	0.3905253	-32.49718	4.548630

LOADING 43 EY - ex: SISMA Y positivo, eccentricità negativa

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-5.181746	-1.039119	-6.842317	0.7268376	20.20762	-3.100581
0.500	-5.181746	-1.039119	-6.842317	0.7268376	-1.687793	0.2246003
1.000	-5.181746	-1.039119	-6.842317	0.7268376	-23.58321	3.549781

LOADING 44

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	55.78542	1.302091	-72.47308	-1.717564	32.25438	9.330509
0.500	55.78542	1.302091	2.046922	-1.717564	-74.34746	5.163820
1.000	55.78542	1.302091	53.76692	-1.717564	21.03469	0.9971302

LOADING 45

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	62.75262	2.280414	-66.62698	-1.951879	14.33769	12.86260
0.500	62.75262	2.280414	7.893015	-1.951879	-73.55665	5.565275
1.000	62.75262	2.280414	59.61301	-1.951879	40.53299	-1.732048

LOADING 46

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	57.71449	1.479516	-71.60272	-1.616670	29.35832	10.16638
0.500	57.71449	1.479516	2.917273	-1.616670	-74.45840	5.431928
1.000	57.71449	1.479516	54.63727	-1.616670	23.70888	0.6974757

LOADING 47

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	60.82354	2.102988	-67.49733	-2.052773	17.23375	12.02673
0.500	60.82354	2.102988	7.022664	-2.052773	-73.44572	5.297167
1.000	60.82354	2.102988	58.74266	-2.052773	37.85880	-1.432393

LOADING 48

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	3.788375	-1.235862	-115.3685	-2.246204	198.3948	-4.150156
0.500	3.788375	-1.235862	-40.84850	-2.246204	-45.47238	-0.1953979
1.000	3.788375	-1.235862	10.87149	-2.246204	-87.35559	3.759360

LOADING 49

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	10.75558	-0.2575386	-109.5224	-2.480519	180.4781	-0.6180655
0.500	10.75558	-0.2575386	-35.00241	-2.480519	-44.68157	0.2060579
1.000	10.75558	-0.2575386	16.71759	-2.480519	-67.85728	1.030181

LOADING 50

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	5.717455	-1.058436	-114.4981	-2.145310	195.4987	-3.314285
0.500		5.717455	-1.058436	-39.97815	-2.145310	-45.58331	0.7271007E-01
1.000		5.717455	-1.058436	11.74185	-2.145310	-84.68140	3.459705

LOADING 51

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	8.826503	-0.4349644	-110.3928	-2.581413	183.3742	-1.453936
0.500		8.826503	-0.4349644	-35.87276	-2.581413	-44.57063	-0.6205014E-01
1.000		8.826503	-0.4349644	15.84724	-2.581413	-70.53148	1.329836

LOADING 52

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	63.93805	1.484328	-75.64330	-2.344824	44.32277	10.62005
0.500		63.93805	1.484328	-1.123307	-2.344824	-72.42380	5.870200
1.000		63.93805	1.484328	50.59669	-2.344824	12.81361	1.120351

LOADING 53

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	70.90526	2.462651	-69.79721	-2.579139	26.40608	14.15214
0.500		70.90526	2.462651	4.722787	-2.579139	-71.63299	6.271657
1.000		70.90526	2.462651	56.44278	-2.579139	32.31192	-1.608827

LOADING 54

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	65.86713	1.661754	-74.77296	-2.243930	41.42671	11.45592
0.500		65.86713	1.661754	-0.2529553	-2.243930	-72.53474	6.138309
1.000		65.86713	1.661754	51.46704	-2.243930	15.48780	0.8206964

LOADING 55

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	68.97617	2.285225	-70.66756	-2.680032	29.30214	13.31627
0.500		68.97617	2.285225	3.852435	-2.680032	-71.52206	6.003549
1.000		68.97617	2.285225	55.57243	-2.680032	29.63773	-1.309173

LOADING 56

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-4.364259	-1.418099	-112.1983	-1.618945	186.3264	-5.439696
0.500		-4.364259	-1.418099	-37.67827	-1.618945	-47.39604	-0.9017788
1.000		-4.364259	-1.418099	14.04172	-1.618945	-79.13452	3.636139

LOADING 57

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	2.602948	-0.4397761	-106.3522	-1.853260	168.4097	-1.907606
0.500		2.602948	-0.4397761	-31.83218	-1.853260	-46.60522	-0.5003229
1.000		2.602948	-0.4397761	19.88782	-1.853260	-59.63621	0.9069606

LOADING 58

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-2.435179	-1.240673	-111.3279	-1.518051	183.4304	-4.603826
0.500		-2.435179	-1.240673	-36.80792	-1.518051	-47.50697	-0.6336707
1.000		-2.435179	-1.240673	14.91208	-1.518051	-76.46033	3.336484

LOADING 59

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	0.6738681	-0.6172019	-107.2225	-1.954153	171.3058	-2.743477
0.500		0.6738681	-0.6172019	-32.70253	-1.954153	-46.49429	-0.7684309
1.000		0.6738681	-0.6172019	19.01747	-1.954153	-62.31041	1.206615

LOADING 60

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	29.45804	-0.7275698	-94.30692	-1.629220	111.3063	0.4915054
0.500		29.45804	-0.7275698	-19.78692	-1.629220	-65.16379	2.819728
1.000		29.45804	-0.7275698	31.93308	-1.629220	-39.64993	5.147952

LOADING 61

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	13.85893	-1.488955	-107.1755	-1.787812	161.1485	-3.552694
0.500		13.85893	-1.488955	-32.65555	-1.787812	-56.50126	1.211963
1.000		13.85893	-1.488955	19.06445	-1.787812	-72.16702	5.976620

LOADING 62

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	31.90383	-0.6728985	-95.25799	-1.817398	114.9268	0.8783676
0.500		31.90383	-0.6728985	-20.73799	-1.817398	-64.58669	3.031643
1.000		31.90383	-0.6728985	30.98201	-1.817398	-42.11626	5.184918

LOADING 63

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	11.41314	-1.543627	-106.2245	-1.599635	157.5279	-3.939556
0.500		11.41314	-1.543627	-31.70448	-1.599635	-57.07836	1.000049
1.000		11.41314	-1.543627	20.01552	-1.599635	-69.70069	5.939654

LOADING 64

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	52.68206	2.533507	-74.81994	-2.410271	51.58403	12.26514
0.500		52.68206	2.533507	-0.2999405	-2.410271	-62.52776	4.157914
1.000		52.68206	2.533507	51.42006	-2.410271	25.34442	-3.949309

LOADING 65

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	37.08295	1.772122	-87.68856	-2.568863	101.4262	8.220939	
0.500	37.08295	1.772122	-13.16857	-2.568863	-53.86524	2.550149	
1.000	37.08295	1.772122	38.55143	-2.568863	-7.172665	-3.120640	

LOADING 66

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	55.12786	2.588179	-75.77100	-2.598449	55.20455	12.65200	
0.500	55.12786	2.588179	-1.251009	-2.598449	-61.95067	4.369829	
1.000	55.12786	2.588179	50.46899	-2.598449	22.87810	-3.912342	

LOADING 67

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	34.63716	1.717450	-86.73750	-2.380685	97.80564	7.834076	
0.500	34.63716	1.717450	-12.21750	-2.380685	-54.44233	2.338235	
1.000	34.63716	1.717450	39.50249	-2.380685	-4.706342	-3.157606	

LOADING 68

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	35.88831	-0.1361503	-91.40574	-1.292908	101.6528	3.277741	
0.500	35.88831	-0.1361503	-16.88575	-1.292908	-65.53356	3.713422	
1.000	35.88831	-0.1361503	34.83425	-1.292908	-30.73597	4.149103	

LOADING 69

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	20.28920	-0.8975361	-104.2744	-1.451500	151.4949	-0.7664588	
0.500	20.28920	-0.8975361	-29.75438	-1.451500	-56.87104	2.105657	
1.000	20.28920	-0.8975361	21.96562	-1.451500	-63.25305	4.977772	

LOADING 70

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	38.33410	-0.8147909E-01	-92.35680	-1.481086	105.2733	3.664603
0.500		38.33410	-0.8147909E-01	-17.83681	-1.481086	-64.95647	3.925336
1.000		38.33410	-0.8147909E-01	33.88318	-1.481086	-33.20229	4.186069

LOADING 71

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	17.84341	-0.9522073	-103.3233	-1.263322	147.8744	-1.153321
0.500		17.84341	-0.9522073	-28.80331	-1.263322	-57.44814	1.893742
1.000		17.84341	-0.9522073	22.91669	-1.263322	-60.78673	4.940805

LOADING 72

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	46.25180	1.942088	-77.72111	-2.746583	61.23756	9.478903
0.500		46.25180	1.942088	-3.201113	-2.746583	-62.15798	3.264221
1.000		46.25180	1.942088	48.51889	-2.746583	16.43045	-2.950460

LOADING 73

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	30.65269	1.180702	-90.58974	-2.905175	111.0797	5.434703
0.500		30.65269	1.180702	-16.06974	-2.905175	-53.49546	1.656456
1.000		30.65269	1.180702	35.65026	-2.905175	-16.08664	-2.121791

LOADING 74

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	48.69759	1.996759	-78.67217	-2.934761	64.85809	9.865765
0.500		48.69759	1.996759	-4.152181	-2.934761	-61.58088	3.476135
1.000		48.69759	1.996759	47.56782	-2.934761	13.96413	-2.913494

LOADING 75

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	28.20690	1.126031	-89.63866	-2.716997	107.4592	5.047841
0.500	28.20690	1.126031	-15.11867	-2.716997	-54.07256	1.444542
1.000	28.20690	1.126031	36.60133	-2.716997	-13.62031	-2.158757

MEMBER 31

LOADING 1 G1 - PESI PROPRI STRUTTURALI

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	2.964235	-0.5823047	-6.869536	0.2205023	1.652751	-1.280699
0.500	2.964235	-0.5823047	1.755464	0.2205023	-5.698728	0.3934271
1.000	2.964235	-0.5823047	10.38046	0.2205023	11.74667	2.067553

LOADING 2 G2 - SOVRACCARICHI PERMANENTI PORTATI

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	7.762407	-0.2544967	-5.372985	0.9351255E-02	4.299647	-0.5938395
0.500	7.762407	-0.2544967	0.4639030E-01	0.9351255E-02	-5.058674	0.1378386
1.000	7.762407	-0.2544967	12.56702	0.9351255E-02	11.37176	0.8695168

LOADING 3 Qk - SOVRACCARICHI ACCIDENTALI

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	3.732725	-0.6611567E-01	0.8453236E-01	0.9314900E-02	-0.3497171	-0.1513213
0.500	3.732725	-0.6611567E-01	0.8453236E-01	0.9314900E-02	-0.1066866	0.3876124E-01
1.000	3.732725	-0.6611567E-01	0.8453236E-01	0.9314900E-02	0.1363439	0.2288438

LOADING 4 Qn - NEVE

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	3.030354	-0.1063983	0.1719621	0.2751470E-01	-0.6659294	-0.2400543
0.500	3.030354	-0.1063983	0.1719621	0.2751470E-01	-0.1715383	0.6584098E-01
1.000	3.030354	-0.1063983	0.1719621	0.2751470E-01	0.3228527	0.3717362

LOADING 5 Qv (+X) - VENTO IN DIREZIONE X, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	0.3938782	0.1158012	-0.5247767E-02	0.8069626E-01	0.1512025E-01	0.3024457
0.500		0.3938782	0.1158012	-0.5247767E-02	0.8069626E-01	0.3292384E-04	-0.3048265E-01
1.000		0.3938782	0.1158012	-0.5247767E-02	0.8069626E-01	-0.1505441E-01	-0.3634110

LOADING 6 Qv (-X) - VENTO IN DIREZIONE X, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-0.9074143	-0.1094095	0.9712004E-02	-0.7782765E-01	-0.2743320E-01	-0.2873177
0.500		-0.9074143	-0.1094095	0.9712004E-02	-0.7782765E-01	0.4888123E-03	0.2723453E-01
1.000		-0.9074143	-0.1094095	0.9712004E-02	-0.7782765E-01	0.2841082E-01	0.3417867

LOADING 7 Qv (+Y) - VENTO IN DIREZIONE Y, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-6.937504	-0.1436183	0.8002977	-0.5023390E-01	-2.476892	-0.5496738
0.500		-6.937504	-0.1436183	0.8002977	-0.5023390E-01	-0.1760365	-0.1367713
1.000		-6.937504	-0.1436183	0.8002977	-0.5023390E-01	2.124819	0.2761312

LOADING 8 Qv (-Y) - VENTO IN DIREZIONE Y, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	2.013022	0.1407563	-0.7784059	0.4967702E-01	2.412551	0.5388960
0.500		2.013022	0.1407563	-0.7784059	0.4967702E-01	0.1746342	0.1342216
1.000		2.013022	0.1407563	-0.7784059	0.4967702E-01	-2.063283	-0.2704527

LOADING 9

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	22.17098	-1.162593	-15.66423	0.4060446	6.727703	-2.571721
0.500		22.17098	-1.162593	2.593457	0.4060446	-14.27328	0.7707337
1.000		22.17098	-1.162593	30.08277	0.4060446	30.48706	4.113189

LOADING 10

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	20.99981	-1.365283	-15.65077	0.2633731	6.689405	-3.102509
0.500		20.99981	-1.365283	2.606921	0.2633731	-14.27287	0.8226792
1.000		20.99981	-1.365283	30.09624	0.2633731	30.52618	4.747866

LOADING 11

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	15.57273	-1.396071	-14.93924	0.2882074	4.484892	-3.338629
0.500		15.57273	-1.396071	3.318448	0.2882074	-14.43174	0.6750739
1.000		15.57273	-1.396071	30.80776	0.2882074	32.41294	4.688776

LOADING 12

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	23.62821	-1.140133	-16.36007	0.3781273	8.885391	-2.358916
0.500		23.62821	-1.140133	1.897615	0.3781273	-14.11614	0.9189675
1.000		23.62821	-1.140133	29.38693	0.3781273	28.64365	4.196852

LOADING 13

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	18.84466	-1.143218	-15.66206	0.4127083	6.752832	-2.524780
0.500		18.84466	-1.143218	2.595630	0.4127083	-14.24190	0.7619725
1.000		18.84466	-1.143218	30.08494	0.4127083	30.52468	4.048725

LOADING 14

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	17.67349	-1.345908	-15.64859	0.2700368	6.714533	-3.055567
0.500		17.67349	-1.345908	2.609094	0.2700368	-14.24149	0.8139181
1.000		17.67349	-1.345908	30.09841	0.2700368	30.56380	4.683403

LOADING 15

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	12.24641	-1.376696	-14.93707	0.2948712	4.510020	-3.291687
0.500		12.24641	-1.376696	3.320621	0.2948712	-14.40036	0.6663127
1.000		12.24641	-1.376696	30.80993	0.2948712	32.45057	4.624313

LOADING 16

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	20.30189	-1.120759	-16.35790	0.3847910	8.910521	-2.311975
0.500		20.30189	-1.120759	1.899788	0.3847910	-14.08476	0.9102064
1.000		20.30189	-1.120759	29.38910	0.3847910	28.68128	4.132388

LOADING 17

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	16.80822	-0.9939388	-15.79418	0.4404900	7.261351	-2.163272
0.500		16.80822	-0.9939388	2.463510	0.4404900	-14.11323	0.6943023
1.000		16.80822	-0.9939388	29.95282	0.4404900	30.27351	3.551877

LOADING 18

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	14.85628	-1.331755	-15.77174	0.2027042	7.197521	-3.047917
0.500		14.85628	-1.331755	2.485950	0.2027042	-14.11254	0.7808780
1.000		14.85628	-1.331755	29.97526	0.2027042	30.33871	4.609673

LOADING 19

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	5.811145	-1.383068	-14.58586	0.2440948	3.523332	-3.441451
0.500		5.811145	-1.383068	3.671828	0.2440948	-14.37733	0.5348693
1.000		5.811145	-1.383068	31.16114	0.2440948	33.48332	4.511190

LOADING 20

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	19.23693	-0.9565061	-16.95391	0.3939612	10.85750	-1.808597
0.500		19.23693	-0.9565061	1.303773	0.3939612	-13.85133	0.9413587
1.000		19.23693	-0.9565061	28.79309	0.3939612	27.20117	3.691314

LOADING 21

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	16.21087	-0.8866355	-12.07516	0.3013436	5.278789	-1.964419
0.500		16.21087	-0.8866355	1.969219	0.3013436	-10.94984	0.5846579
1.000		16.21087	-0.8866355	23.11485	0.3013436	23.40716	3.133735

LOADING 22

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	15.43010	-1.021762	-12.06618	0.2062292	5.253257	-2.318277
0.500		15.43010	-1.021762	1.978195	0.2062292	-10.94956	0.6192882
1.000		15.43010	-1.021762	23.12382	0.2062292	23.43324	3.556854

LOADING 23

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	11.81204	-1.042287	-11.59183	0.2227855	3.783581	-2.475691
0.500		11.81204	-1.042287	2.452546	0.2227855	-11.05548	0.5208848
1.000		11.81204	-1.042287	23.59817	0.2227855	24.69109	3.517460

LOADING 24

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	17.18236	-0.8716624	-12.53905	0.2827320	6.717247	-1.822549
0.500		17.18236	-0.8716624	1.505324	0.2827320	-10.84508	0.6834804
1.000		17.18236	-0.8716624	22.65095	0.2827320	22.17823	3.189510

LOADING 25

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	13.99332	-0.8737190	-12.07371	0.3057860	5.295541	-1.933125
0.500		13.99332	-0.8737190	1.970667	0.3057860	-10.92892	0.5788171
1.000		13.99332	-0.8737190	23.11629	0.3057860	23.43225	3.090760

LOADING 26

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	13.21255	-1.008845	-12.06473	0.2106717	5.270010	-2.286983
0.500		13.21255	-1.008845	1.979643	0.2106717	-10.92865	0.6134475
1.000		13.21255	-1.008845	23.12527	0.2106717	23.45832	3.513878

LOADING 27

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	9.594495	-1.029371	-11.59038	0.2272279	3.800334	-2.444397
0.500		9.594495	-1.029371	2.453995	0.2272279	-11.03456	0.5150440
1.000		9.594495	-1.029371	23.59962	0.2272279	24.71617	3.474485

LOADING 28

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	14.96481	-0.8587460	-12.53760	0.2871745	6.734001	-1.791255
0.500		14.96481	-0.8587460	1.506773	0.2871745	-10.82416	0.6776397
1.000		14.96481	-0.8587460	22.65240	0.2871745	22.20331	3.146534

LOADING 29

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	12.63570	-0.7741994	-12.16179	0.3243072	5.634554	-1.692120
0.500		12.63570	-0.7741994	1.882587	0.3243072	-10.84314	0.5337036
1.000		12.63570	-0.7741994	23.02822	0.3243072	23.26480	2.759527

LOADING 30

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	11.33440	-0.9994100	-12.14683	0.1657833	5.592001	-2.281883
0.500		11.33440	-0.9994100	1.897547	0.1657833	-10.84268	0.5914208
1.000		11.33440	-0.9994100	23.04317	0.1657833	23.30826	3.464725

LOADING 31

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	5.304316	-1.033619	-11.35624	0.1933770	3.142541	-2.544239
0.500		5.304316	-1.033619	2.688133	0.1933770	-11.01921	0.4274150
1.000		5.304316	-1.033619	23.83376	0.1933770	25.40467	3.399069

LOADING 32

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	14.25484	-0.7492443	-12.93495	0.2932879	8.031985	-1.455670
0.500		14.25484	-0.7492443	1.109429	0.2932879	-10.66854	0.6984078
1.000		14.25484	-0.7492443	22.25506	0.2932879	21.21657	2.852485

LOADING 33

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	10.72664	-0.8368015	-12.24252	0.2298536	5.952399	-1.874538
0.500		10.72664	-0.8368015	1.801854	0.2298536	-10.75740	0.5312657
1.000		10.72664	-0.8368015	22.94748	0.2298536	23.11843	2.937070

LOADING 34

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	11.33271	-0.8580811	-12.20813	0.2353565	5.819213	-1.922549
0.500		11.33271	-0.8580811	1.836247	0.2353565	-10.79171	0.5444339
1.000		11.33271	-0.8580811	22.98187	0.2353565	23.18299	3.011417

LOADING 35

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	10.80542	-0.8136412	-12.24357	0.2459928	5.955422	-1.814049
0.500		10.80542	-0.8136412	1.800804	0.2459928	-10.75740	0.5251693
1.000		10.80542	-0.8136412	22.94643	0.2459928	23.11541	2.864388

LOADING 36

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	10.54516	-0.8586833	-12.24058	0.2142880	5.946912	-1.932002
0.500		10.54516	-0.8586833	1.803796	0.2142880	-10.75730	0.5367127
1.000		10.54516	-0.8586833	22.94942	0.2142880	23.12411	3.005427

LOADING 37

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	9.339142	-0.8655251	-12.08246	0.2198068	5.457020	-1.984473
0.500		9.339142	-0.8655251	1.961914	0.2198068	-10.79261	0.5039115
1.000		9.339142	-0.8655251	23.10754	0.2198068	23.54339	2.992296

LOADING 38

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	11.12925	-0.8086502	-12.39820	0.2397890	6.434909	-1.766759
0.500		11.12925	-0.8086502	1.646173	0.2397890	-10.72248	0.5581101
1.000		11.12925	-0.8086502	22.79180	0.2397890	22.70577	2.882979

LOADING 39

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	10.72664	-0.8368015	-12.24252	0.2298536	5.952399	-1.874538
0.500		10.72664	-0.8368015	1.801854	0.2298536	-10.75740	0.5312657
1.000		10.72664	-0.8368015	22.94748	0.2298536	23.11843	2.937070

LOADING 40 EX + ey: SISMA X positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	25.48323	2.310926	-0.3876167	1.689278	1.101423	5.886425
0.500		25.48323	2.310926	-0.3876167	1.689278	-0.1297495E-01	-0.7574882
1.000		25.48323	2.310926	-0.3876167	1.689278	-1.127373	-7.401401

LOADING 41 EX - ey: SISMA X positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	23.76217	2.720207	-0.1217720	1.458628	0.3372550	7.220232
0.500		23.76217	2.720207	-0.1217720	1.458628	-0.1283952E-01	-0.6003649
1.000		23.76217	2.720207	-0.1217720	1.458628	-0.3629340	-8.420961

LOADING 42 EY + ex: SISMA Y positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-33.56027	-0.1324349	6.185500	-0.2780712	-18.96179	-0.7360084
0.500		-33.56027	-0.1324349	6.185500	-0.2780712	-1.178481	-0.3552580
1.000		-33.56027	-0.1324349	6.185500	-0.2780712	16.60483	0.2549242E-01

LOADING 43 EY - ex: SISMA Y positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-39.69521	0.6083446E-01	7.250247	-0.2299150	-22.17853	0.8675209E-01
0.500		-39.69521	0.6083446E-01	7.250247	-0.2299150	-1.334069	-0.8814698E-01
1.000		-39.69521	0.6083446E-01	7.250247	-0.2299150	19.51039	-0.2630461

LOADING 44

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	26.14179	1.434394	-10.77449	1.835710	1.365283	3.791083
0.500		26.14179	1.434394	3.269887	1.835710	-11.12392	-0.3327999
1.000		26.14179	1.434394	24.41551	1.835710	26.97250	-4.456683

LOADING 45

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	46.27795	1.513855	-14.48579	2.002552	12.74236	4.232688
0.500		46.27795	1.513855	-0.4414126	2.002552	-10.41683	-0.1196450
1.000		46.27795	1.513855	20.70421	2.002552	17.00960	-4.471979

LOADING 46

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	24.30131	1.492375	-10.45506	1.850156	0.4002626	4.037911
0.500		24.30131	1.492375	3.589312	1.850156	-11.17060	-0.2526665
1.000		24.30131	1.492375	24.73494	1.850156	27.84417	-4.543245

LOADING 47

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	48.11843	1.455874	-14.80521	1.988106	13.70738	3.985860
0.500		48.11843	1.455874	-0.7608368	1.988106	-10.37016	-0.1997784
1.000		48.11843	1.455874	20.38479	1.988106	16.13794	-4.385417

LOADING 48

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-24.82467	-3.187458	-9.999254	-1.542845	-0.8375627	-7.981765
0.500		-24.82467	-3.187458	4.045121	-1.542845	-11.09797	1.182177
1.000		-24.82467	-3.187458	25.19075	-1.542845	29.22725	10.34612

LOADING 49

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-4.688508	-3.107997	-13.71056	-1.376002	10.53951	-7.540160
0.500		-4.688508	-3.107997	0.3338208	-1.376002	-10.39088	1.395331
1.000		-4.688508	-3.107997	21.47945	-1.376002	19.26435	10.33082

LOADING 50

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-26.66515	-3.129477	-9.679831	-1.528398	-1.802584	-7.734937
0.500		-26.66515	-3.129477	4.364545	-1.528398	-11.14465	1.262310
1.000		-26.66515	-3.129477	25.51017	-1.528398	30.09892	10.25956

LOADING 51

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-2.848025	-3.165978	-14.02998	-1.390449	11.50453	-7.786988
0.500		-2.848025	-3.165978	0.1439659E-01	-1.390449	-10.34421	1.315198
1.000		-2.848025	-3.165978	21.16002	-1.390449	18.39268	10.41738

LOADING 52

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	24.42073	1.843676	-10.50864	1.605060	0.6011153	5.124891
0.500		24.42073	1.843676	3.535732	1.605060	-11.12379	-0.1756765
1.000		24.42073	1.843676	24.68136	1.605060	27.73694	-5.476244

LOADING 53

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	44.55689	1.923136	-14.21994	1.771903	11.97819	5.566496
0.500		44.55689	1.923136	-0.1755679	1.771903	-10.41670	0.3747825E-01
1.000		44.55689	1.923136	20.97006	1.771903	17.77404	-5.491539

LOADING 54

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	22.58025	1.901656	-10.18922	1.619507	-0.3639055	5.371719
0.500		22.58025	1.901656	3.855156	1.619507	-11.17046	-0.9554325E-01
1.000		22.58025	1.901656	25.00078	1.619507	28.60861	-5.562806

LOADING 55

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	46.39737	1.865156	-14.53937	1.757456	12.94321	5.319667
0.500		46.39737	1.865156	-0.4949921	1.757456	-10.37002	-0.4265506E-01
1.000		46.39737	1.865156	20.65063	1.757456	16.90237	-5.404978

LOADING 56

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-23.10361	-3.596739	-10.26510	-1.312196	-0.7339460E-01	-9.315573
0.500		-23.10361	-3.596739	3.779276	-1.312196	-11.09811	1.025053
1.000		-23.10361	-3.596739	24.92490	-1.312196	28.46281	11.36568

LOADING 57

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-2.967445	-3.517278	-13.97640	-1.145353	11.30368	-8.873967
0.500		-2.967445	-3.517278	0.6797613E-01	-1.145353	-10.39102	1.238208
1.000		-2.967445	-3.517278	21.21360	-1.145353	18.49991	11.35038

LOADING 58

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-24.94409	-3.538759	-9.945675	-1.297749	-1.038415	-9.068745
0.500		-24.94409	-3.538759	4.098701	-1.297749	-11.14478	1.105187
1.000		-24.94409	-3.538759	25.24433	-1.297749	29.33448	11.27912

LOADING 59

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-1.126963	-3.575259	-14.29582	-1.159800	12.26870	-9.120795
0.500		-1.126963	-3.575259	-0.2514481	-1.159800	-10.34434	1.158075
1.000		-1.126963	-3.575259	20.89418	-1.159800	17.62824	11.43694

LOADING 60

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-15.18866	-0.2759585	-6.173307	0.4585656	-12.67897	-0.8446195
0.500		-15.18866	-0.2759585	7.871069	0.4585656	-11.93978	-0.5123872E-01
1.000		-15.18866	-0.2759585	29.01670	0.4585656	39.38504	0.7421420

LOADING 61

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-30.47860	-1.662514	-5.940737	-0.5550008	-13.33982	-4.376474
0.500		-30.47860	-1.662514	8.103639	-0.5550008	-11.93199	0.4032542
1.000		-30.47860	-1.662514	29.24927	-0.5550008	40.06147	5.182982

LOADING 62

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-15.70498	-0.1531741	-6.093554	0.3893709	-12.90822	-0.4444772
0.500		-15.70498	-0.1531741	7.950822	0.3893709	-11.93974	-0.4101720E-02
1.000		-15.70498	-0.1531741	29.09645	0.3893709	39.61438	0.4362738

LOADING 63

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-29.96228	-1.785299	-6.020490	-0.4858061	-13.11057	-4.776616
0.500		-29.96228	-1.785299	8.023885	-0.4858061	-11.93203	0.3561172
1.000		-29.96228	-1.785299	29.16951	-0.4858061	39.83213	5.488851

LOADING 64

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	51.93188	-0.1108866E-01	-18.54431	1.014708	25.24462	0.6273974
0.500		51.93188	-0.1108866E-01	-4.499930	1.014708	-9.582814	0.6592773
1.000		51.93188	-0.1108866E-01	16.64569	1.014708	6.175383	0.6911572

LOADING 65

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	36.64194	-1.397644	-18.31174	0.1141475E-02	24.58377	-2.904457
0.500		36.64194	-1.397644	-4.267361	0.1141475E-02	-9.575028	1.113770
1.000		36.64194	-1.397644	16.87827	0.1141475E-02	6.851807	5.131998

LOADING 66

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	51.41556	0.1116958	-18.46455	0.9455132	25.01537	1.027540
0.500		51.41556	0.1116958	-4.420177	0.9455132	-9.582774	0.7064143
1.000		51.41556	0.1116958	16.72545	0.9455132	6.404715	0.3852889

LOADING 67

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	37.15826	-1.520429	-18.39149	0.7033622E-01	24.81301	-3.304600
0.500		37.15826	-1.520429	-4.347114	0.7033622E-01	-9.575069	1.066633
1.000		37.15826	-1.520429	16.79851	0.7033622E-01	6.622475	5.437866

LOADING 68

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-21.32360	-0.8268912E-01	-5.108560	0.5067218	-15.89570	-0.2185893E-01
0.500		-21.32360	-0.8268912E-01	8.935816	0.5067218	-12.09536	0.2158723
1.000		-21.32360	-0.8268912E-01	30.08144	0.5067218	42.29061	0.4536036

LOADING 69

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-36.61354	-1.469245	-4.875989	-0.5068447	-16.55656	-3.553714
0.500		-36.61354	-1.469245	9.168386	-0.5068447	-12.08758	0.6703653
1.000		-36.61354	-1.469245	30.31401	-0.5068447	42.96703	4.894444

LOADING 70

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-21.83992	0.4009531E-01	-5.028806	0.4375270	-16.12495	0.3782834
0.500		-21.83992	0.4009531E-01	9.015570	0.4375270	-12.09532	0.2630093
1.000		-21.83992	0.4009531E-01	30.16120	0.4375270	42.51994	0.1477353

LOADING 71

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-36.09722	-1.592029	-4.955743	-0.4376499	-16.32731	-3.953856
0.500		-36.09722	-1.592029	9.088633	-0.4376499	-12.08762	0.6232283
1.000		-36.09722	-1.592029	30.23426	-0.4376499	42.73770	5.200313

LOADING 72

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	58.06682	-0.2043580	-19.60905	0.9665518	28.46135	-0.1953631
0.500		58.06682	-0.2043580	-5.564678	0.9665518	-9.427227	0.3921663
1.000		58.06682	-0.2043580	15.58095	0.9665518	3.269821	0.9796956

LOADING 73

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	42.77689	-1.590914	-19.37648	-0.4701468E-01	27.80050	-3.727217
0.500		42.77689	-1.590914	-5.332108	-0.4701468E-01	-9.419442	0.8466592
1.000		42.77689	-1.590914	15.81352	-0.4701468E-01	3.946245	5.420536

LOADING 74

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	57.55050	-0.8157360E-01	-19.52930	0.8973570	28.23211	0.2047791
0.500		57.55050	-0.8157360E-01	-5.484924	0.8973570	-9.427186	0.4393033
1.000		57.55050	-0.8157360E-01	15.66070	0.8973570	3.499153	0.6738274

LOADING 75

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	43.29320	-1.713698	-19.45624	0.2218007E-01	28.02975	-4.127360
0.500		43.29320	-1.713698	-5.411861	0.2218007E-01	-9.419482	0.7995222
1.000		43.29320	-1.713698	15.73376	0.2218007E-01	3.716913	5.726405

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LOADING 1 G1 - PESI PROPRI STRUTTURALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	2.964303	0.5823188	-10.38045	-0.2205027	11.74662	2.067734
0.500		2.964303	0.5823188	-1.755447	-0.2205027	-5.698724	0.3935677
1.000		2.964303	0.5823188	6.869553	-0.2205027	1.652804	-1.280599

LOADING 2 G2 - SOVRACCARICHI PERMANENTI PORTATI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	7.762458	0.2544868	-12.56701	-0.9351276E-02	11.37173	0.8695484
0.500		7.762458	0.2544868	-0.4638257E-01	-0.9351276E-02	-5.058678	0.1378987
1.000		7.762458	0.2544868	5.372993	-0.9351276E-02	4.299666	-0.5937509

LOADING 3 Qk - SOVRACCARICHI ACCIDENTALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	3.733331	0.6616239E-01	-0.8442669E-01	-0.9307452E-02	0.1360535	0.2289856
0.500		3.733331	0.6616239E-01	-0.8442669E-01	-0.9307452E-02	-0.1066733	0.3876872E-01
1.000		3.733331	0.6616239E-01	-0.8442669E-01	-0.9307452E-02	-0.3494000	-0.1514482

LOADING 4 Qn - NEVE

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	3.031624	0.1064999	-0.1717405	-0.2749877E-01	0.3222434	0.3720361
0.500		3.031624	0.1064999	-0.1717405	-0.2749877E-01	-0.1715105	0.6584898E-01
1.000		3.031624	0.1064999	-0.1717405	-0.2749877E-01	-0.6652645	-0.2403381

LOADING 5 Qv (+X) - VENTO IN DIREZIONE X, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	0.3944058	-0.1157582	0.5333260E-02	-0.8066133E-01	-0.1529183E-01	-0.3633380
0.500		0.3944058	-0.1157582	0.5333260E-02	-0.8066133E-01	0.4128859E-04	-0.3053323E-01
1.000		0.3944058	-0.1157582	0.5333260E-02	-0.8066133E-01	0.1537441E-01	0.3022716

LOADING 6 Qv (-X) - VENTO IN DIREZIONE X, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-0.9076643	0.1093863	-0.9749514E-02	0.7779605E-01	0.2851621E-01	0.3417662
0.500		-0.9076643	0.1093863	-0.9749514E-02	0.7779605E-01	0.4863579E-03	0.2728045E-01
1.000		-0.9076643	0.1093863	-0.9749514E-02	0.7779605E-01	-0.2754349E-01	-0.2872053

LOADING 7 Qv (+Y) - VENTO IN DIREZIONE Y, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	2.062585	-0.1404536	0.7755129	-0.4958350E-01	-2.058211	-0.2696340
0.500		2.062585	-0.1404536	0.7755129	-0.4958350E-01	0.1713891	0.1341702
1.000		2.062585	-0.1404536	0.7755129	-0.4958350E-01	2.400989	0.5379744

LOADING 8 Qv (-Y) - VENTO IN DIREZIONE Y, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-6.987053	0.1433188	-0.7974020	0.5014087E-01	2.119740	0.2753202
0.500		-6.987053	0.1433188	-0.7974020	0.5014087E-01	-0.1727910	-0.1367212
1.000		-6.987053	0.1433188	-0.7974020	0.5014087E-01	-2.465322	-0.5487627

LOADING 9

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	22.17347	1.162784	-30.08234	-0.4059907	30.48586	4.113969
0.500		22.17347	1.162784	-2.593024	-0.4059907	-14.27323	0.7709661
1.000		22.17347	1.162784	15.66466	-0.4059907	6.728999	-2.572037

LOADING 10

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	21.00161	1.365414	-30.09591	-0.2633790	30.52529	4.748562
0.500		21.00161	1.365414	-2.606598	-0.2633790	-14.27283	0.8229984
1.000		21.00161	1.365414	15.65109	-0.2633790	6.690373	-3.102566

LOADING 11

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	23.67483	1.140558	-29.38918	-0.3780206	28.64723	4.198303
0.500		23.67483	1.140558	-1.899862	-0.3780206	-14.11901	0.9191992
1.000		23.67483	1.140558	16.35783	-0.3780206	8.876052	-2.359904

LOADING 12

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	15.53016	1.395953	-30.80480	-0.2882687	32.40739	4.688761
0.500		15.53016	1.395953	-3.315486	-0.2882687	-14.42878	0.6753969
1.000		15.53016	1.395953	14.94220	-0.2882687	4.496372	-3.337967

LOADING 13

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	18.84719	1.143415	-30.08450	-0.4126536	30.52346	4.049518
0.500		18.84719	1.143415	-2.595189	-0.4126536	-14.24185	0.7621998
1.000		18.84719	1.143415	15.66250	-0.4126536	6.754150	-2.525118

LOADING 14

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	17.67533	1.346045	-30.09808	-0.2700419	30.56289	4.684111
0.500		17.67533	1.346045	-2.608764	-0.2700419	-14.24145	0.8142321
1.000		17.67533	1.346045	15.64892	-0.2700419	6.715524	-3.055647

LOADING 15

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	20.34855	1.121189	-29.39134	-0.3846835	28.68484	4.133851
0.500		20.34855	1.121189	-1.902028	-0.3846835	-14.08764	0.9104328
1.000		20.34855	1.121189	16.35566	-0.3846835	8.901203	-2.312985

LOADING 16

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	12.20388	1.376584	-30.80696	-0.2949316	32.44499	4.624310
0.500		12.20388	1.376584	-3.317651	-0.2949316	-14.39740	0.6666306
1.000		12.20388	1.376584	14.94004	-0.2949316	4.521524	-3.291049

LOADING 17

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	16.81012	0.9940850	-29.95250	-0.4404263	30.27261	3.552487
0.500		16.81012	0.9940850	-2.463184	-0.4404263	-14.11319	0.6944931
1.000		16.81012	0.9940850	15.79450	-0.4404263	7.262323	-2.163502

LOADING 18

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	14.85701	1.331802	-29.97512	-0.2027402	30.33832	4.610144
0.500		14.85701	1.331802	-2.485808	-0.2027402	-14.11253	0.7812136
1.000		14.85701	1.331802	15.77188	-0.2027402	7.197947	-3.047717

LOADING 19

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	19.31239	0.9570418	-28.79723	-0.3938096	27.20823	3.693043
0.500		19.31239	0.9570418	-1.307914	-0.3938096	-13.85617	0.9415482
1.000		19.31239	0.9570418	16.94977	-0.3938096	10.84074	-1.809947

LOADING 20

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	5.737927	1.382700	-31.15660	-0.2442230	33.47515	4.510475
0.500		5.737927	1.382700	-3.667287	-0.2442230	-14.37244	0.5352111
1.000		5.737927	1.382700	14.59040	-0.2442230	3.541279	-3.440053

LOADING 21

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	16.21255	0.8867631	-23.11455	-0.3013077	23.40635	3.134284
0.500		16.21255	0.8867631	-1.968927	-0.3013077	-10.94981	0.5848396
1.000		16.21255	0.8867631	12.07545	-0.3013077	5.279662	-1.964604

LOADING 22

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	15.43131	1.021850	-23.12360	-0.2062332	23.43264	3.557346
0.500		15.43131	1.021850	-1.977976	-0.2062332	-10.94954	0.6195278
1.000		15.43131	1.021850	12.06640	-0.2062332	5.253911	-2.318291

LOADING 23

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	17.21346	0.8719459	-22.65244	-0.2826609	22.18060	3.190506
0.500		17.21346	0.8719459	-1.506819	-0.2826609	-10.84700	0.6836616
1.000		17.21346	0.8719459	12.53756	-0.2826609	6.711030	-1.823183

LOADING 24

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	11.78367	1.042209	-23.59620	-0.2228263	24.68738	3.517478
0.500		11.78367	1.042209	-2.450568	-0.2228263	-11.05350	0.5211268
1.000		11.78367	1.042209	11.59381	-0.2228263	3.791244	-2.475225

LOADING 25

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	13.99503	0.8738506	-23.11600	-0.3057496	23.43142	3.091316
0.500		13.99503	0.8738506	-1.970370	-0.3057496	-10.92889	0.5789953
1.000		13.99503	0.8738506	12.07401	-0.3057496	5.296430	-1.933325

LOADING 26

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	13.21379	1.008937	-23.12505	-0.2106752	23.45771	3.514379
0.500		13.21379	1.008937	-1.979420	-0.2106752	-10.92862	0.6136836
1.000		13.21379	1.008937	12.06496	-0.2106752	5.270679	-2.287012

LOADING 27

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	14.99594	0.8590334	-22.65389	-0.2871029	22.20567	3.147538
0.500		14.99594	0.8590334	-1.508262	-0.2871029	-10.82608	0.6778175
1.000		14.99594	0.8590334	12.53611	-0.2871029	6.727798	-1.791904

LOADING 28

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	9.566154	1.029297	-23.59764	-0.2272683	24.71244	3.474511
0.500		9.566154	1.029297	-2.452011	-0.2272683	-11.03259	0.5152826
1.000		9.566154	1.029297	11.59236	-0.2272683	3.808012	-2.443946

LOADING 29

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	12.63698	0.7742975	-23.02799	-0.3242647	23.26418	2.759963
0.500		12.63698	0.7742975	-1.882367	-0.3242647	-10.84312	0.5338576
1.000		12.63698	0.7742975	12.16201	-0.3242647	5.635212	-1.692248

LOADING 30

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	11.33491	0.9994420	-23.04308	-0.1658074	23.30799	3.465067
0.500		11.33491	0.9994420	-1.897449	-0.1658074	-10.84267	0.5916712
1.000		11.33491	0.9994420	12.14693	-0.1658074	5.592294	-2.281724

LOADING 31

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	14.30516	0.7496020	-22.25781	-0.2931869	21.22127	2.853667
0.500		14.30516	0.7496020	-1.112187	-0.2931869	-10.67177	0.6985610
1.000		14.30516	0.7496020	12.93219	-0.2931869	8.020826	-1.456545

LOADING 32

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	5.255520	1.033374	-23.83073	-0.1934625	25.39922	3.398621
0.500		5.255520	1.033374	-2.685102	-0.1934625	-11.01595	0.4276696
1.000		5.255520	1.033374	11.35927	-0.1934625	3.154515	-2.543282

LOADING 33

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	10.72676	0.8368056	-22.94746	-0.2298540	23.11835	2.937283
0.500		10.72676	0.8368056	-1.801830	-0.2298540	-10.75740	0.5314664
1.000		10.72676	0.8368056	12.24255	-0.2298540	5.952469	-1.874350

LOADING 34

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	11.33309	0.8581057	-22.98180	-0.2353538	23.18280	3.011690
0.500		11.33309	0.8581057	-1.836178	-0.2353538	-10.79170	0.5446361
1.000		11.33309	0.8581057	12.20820	-0.2353538	5.819417	-1.922418

LOADING 35

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	10.80564	0.8136541	-22.94639	-0.2459863	23.11530	2.864615
0.500		10.80564	0.8136541	-1.800763	-0.2459863	-10.75739	0.5253597
1.000		10.80564	0.8136541	12.24361	-0.2459863	5.955544	-1.813896

LOADING 36

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	10.54523	0.8586829	-22.94941	-0.2142948	23.12406	3.005636
0.500		10.54523	0.8586829	-1.803779	-0.2142948	-10.75730	0.5369224
1.000		10.54523	0.8586829	12.24060	-0.2142948	5.946960	-1.931791

LOADING 37

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	11.13928	0.8087150	-22.79235	-0.2397707	22.70671	2.883356
0.500		11.13928	0.8087150	-1.646727	-0.2397707	-10.72312	0.5583003
1.000		11.13928	0.8087150	12.39765	-0.2397707	6.432667	-1.766755

LOADING 38

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	9.329350	0.8654695	-23.10694	-0.2198258	23.54230	2.992347
0.500		9.329350	0.8654695	-1.961310	-0.2198258	-10.79196	0.5041221
1.000		9.329350	0.8654695	12.08307	-0.2198258	5.459405	-1.984103

LOADING 39

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	10.72676	0.8368056	-22.94746	-0.2298540	23.11835	2.937283
0.500		10.72676	0.8368056	-1.801830	-0.2298540	-10.75740	0.5314664
1.000		10.72676	0.8368056	12.24255	-0.2298540	5.952469	-1.874350

LOADING 40 EX + ey: SISMA X positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	23.76820	-2.719979	0.1221495	-1.458367	-0.3638387	-8.421328
0.500		23.76820	-2.719979	0.1221495	-1.458367	-0.1265892E-01	-0.6013873
1.000		23.76820	-2.719979	0.1221495	-1.458367	0.3385209	7.218553

LOADING 41 EX - ey: SISMA X positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	25.47921	-2.310757	0.3874804	-1.688678	-1.127162	-7.401591
0.500		25.47921	-2.310757	0.3874804	-1.688678	-0.1315549E-01	-0.7581651
1.000		25.47921	-2.310757	0.3874804	-1.688678	1.100851	5.885261

LOADING 42 EY + ex: SISMA Y positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	33.97803	-0.1286090	6.162976	-0.2767161	-16.56569	-0.1582737E-01
0.500		33.97803	-0.1286090	6.162976	-0.2767161	1.152863	0.3539234
1.000		33.97803	-0.1286090	6.162976	-0.2767161	18.87142	0.7236743

LOADING 43 EY - ex: SISMA Y positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	40.21606	0.6556851E-01	7.223785	-0.2290162	-19.46471	0.2749145
0.500		40.21606	0.6556851E-01	7.223785	-0.2290162	1.303670	0.8640505E-01
1.000		40.21606	0.6556851E-01	7.223785	-0.2290162	22.07205	-0.1021044

LOADING 44

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	44.68837	-1.921756	-20.97641	-1.771235	17.78481	-5.488793
0.500		44.68837	-1.921756	0.1692128	-1.771235	-10.42420	0.3625604E-01
1.000		44.68837	-1.921756	14.21359	-1.771235	11.95242	5.561305

LOADING 45

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	24.30155	-1.844591	-24.67420	-1.605206	27.72423	-5.479297
0.500		24.30155	-1.844591	-3.528573	-1.605206	-11.11592	-0.1760980
1.000		24.30155	-1.844591	10.51580	-1.605206	0.6295641	5.127100

LOADING 46

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	46.55978	-1.863503	-20.65817	-1.756925	16.91510	-5.401571
0.500		46.55978	-1.863503	0.4874555	-1.756925	-10.37896	-0.4399948E-01
1.000		46.55978	-1.863503	14.53183	-1.756925	12.91261	5.313571

LOADING 47

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	22.43014	-1.902844	-24.99244	-1.619516	28.59393	-5.566519
0.500		22.43014	-1.902844	-3.846816	-1.619516	-11.16116	-0.9584251E-01
1.000		22.43014	-1.902844	10.19756	-1.619516	-0.3306258	5.374834

LOADING 48

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-2.848030	3.518202	-21.22071	1.145498	18.51249	11.35386
0.500		-2.848030	3.518202	-0.7508621E-01	1.145498	-10.39888	1.239031
1.000		-2.848030	3.518202	13.96929	1.145498	11.27537	-8.875801

LOADING 49

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-23.23485	3.595368	-24.91850	1.311527	28.45190	11.36336
0.500		-23.23485	3.595368	-3.772872	1.311527	-11.09060	1.026677
1.000		-23.23485	3.595368	10.27150	1.311527	-0.4747757E-01	-9.310005

LOADING 50

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-0.9766216	3.576455	-20.90247	1.159808	17.64278	11.44108
0.500		-0.9766216	3.576455	0.2431565	1.159808	-10.35364	1.158775
1.000		-0.9766216	3.576455	14.28753	1.159808	12.23556	-9.123534

LOADING 51

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-25.10626	3.537114	-25.23674	1.297217	29.32161	11.27614
0.500		-25.10626	3.537114	-4.091115	1.297217	-11.13584	1.106932
1.000		-25.10626	3.537114	9.953260	1.297217	-1.007668	-9.062271

LOADING 52

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	46.39938	-1.512534	-20.71108	-2.001547	17.02148	-4.469056
0.500		46.39938	-1.512534	0.4345437	-2.001547	-10.42470	-0.1205217
1.000		46.39938	-1.512534	14.47892	-2.001547	12.71475	4.228013

LOADING 53

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	26.01256	-1.435368	-24.40887	-1.835517	26.96090	-4.459559
0.500		26.01256	-1.435368	-3.263242	-1.835517	-11.11642	-0.3328758
1.000		26.01256	-1.435368	10.78113	-1.835517	1.391894	3.793808

LOADING 54

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	48.27078	-1.454280	-20.39284	-1.987237	16.15178	-4.381834
0.500		48.27078	-1.454280	0.7527864	-1.987237	-10.37946	-0.2007772
1.000		48.27078	-1.454280	14.79716	-1.987237	13.67494	3.980279

LOADING 55

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	24.14115	-1.493621	-24.72711	-1.849827	27.83061	-4.546782
0.500		24.14115	-1.493621	-3.581485	-1.849827	-11.16166	-0.2526203
1.000		24.14115	-1.493621	10.46289	-1.849827	0.4317042	4.041541

LOADING 56

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-4.559036	3.108980	-21.48604	1.375809	19.27581	10.33412
0.500		-4.559036	3.108980	-0.3404172	1.375809	-10.39839	1.395808
1.000		-4.559036	3.108980	13.70396	1.375809	10.51305	-7.542508

LOADING 57

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-24.94585	3.186145	-25.18383	1.541839	29.21523	10.34362
0.500		-24.94585	3.186145	-4.038203	1.541839	-11.09011	1.183454
1.000		-24.94585	3.186145	10.00617	1.541839	-0.8098075	-7.976713

LOADING 58

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-2.687628	3.167233	-21.16780	1.390119	18.40611	10.42135
0.500		-2.687628	3.167233	-0.2217443E-01	1.390119	-10.35315	1.315553
1.000		-2.687628	3.167233	14.02220	1.390119	11.47323	-7.790242

LOADING 59

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-26.81726	3.127892	-25.50207	1.527529	30.08493	10.25640
0.500		-26.81726	3.127892	-4.356446	1.527529	-11.13535	1.263710
1.000		-26.81726	3.127892	9.687930	1.527529	-1.769997	-7.728979

LOADING 60

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	51.83525	-0.1077971	-16.74784	-0.9440802	6.443510	0.3950570
0.500		51.83525	-0.1077971	4.397791	-0.9440802	-9.608336	0.7049736
1.000		51.83525	-0.1077971	18.44217	-0.9440802	24.92545	1.014890

LOADING 61

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	37.57433	1.524191	-16.82113	-0.6906009E-01	6.661813	5.447854
0.500		37.57433	1.524191	4.324502	-0.6906009E-01	-9.600741	1.065806
1.000		37.57433	1.524191	18.36888	-0.6906009E-01	24.72233	-3.316242

LOADING 62

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	52.34856	0.1496970E-01	-16.66824	-1.013173	6.214513	0.7009782
0.500		52.34856	0.1496970E-01	4.477391	-1.013173	-9.608485	0.6579402
1.000		52.34856	0.1496970E-01	18.52177	-1.013173	25.15414	0.6149023

LOADING 63

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	37.06103	1.401424	-16.90072	0.3326562E-04	6.890810	5.141933
0.500		37.06103	1.401424	4.244903	0.3326562E-04	-9.600593	1.112839
1.000		37.06103	1.401424	18.28928	0.3326562E-04	24.49364	-2.916254

LOADING 64

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-16.12081	0.1494209	-29.07379	-0.3906479	39.57490	0.4267117
0.500		-16.12081	0.1494209	-7.928161	-0.3906479	-11.91406	-0.2873337E-02
1.000		-16.12081	0.1494209	6.116214	-0.3906479	-12.81739	-0.4324584

LOADING 65

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-30.38173	1.781408	-29.14708	0.4843721	39.79320	5.479508
0.500		-30.38173	1.781408	-8.001451	0.4843721	-11.90647	0.3579591
1.000		-30.38173	1.781408	6.042925	0.4843721	-13.02051	-4.763590

LOADING 66

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-15.60751	0.2721877	-28.99419	-0.4597413	39.34590	0.7326329
0.500		-15.60751	0.2721877	-7.848562	-0.4597413	-11.91421	-0.4990667E-01
1.000		-15.60751	0.2721877	6.195814	-0.4597413	-12.58870	-0.8324462

LOADING 67

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-30.89503	1.658642	-29.22668	0.5534654	40.02220	5.173588
0.500		-30.89503	1.658642	-8.081050	0.5534654	-11.90632	0.4049924
1.000		-30.89503	1.658642	5.963326	0.5534654	-13.24921	-4.363602

LOADING 68

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	58.07328	0.8638043E-01	-15.68703	-0.8963802	3.544491	0.6857989
0.500		58.07328	0.8638043E-01	5.458601	-0.8963802	-9.457530	0.4374552
1.000		58.07328	0.8638043E-01	19.50298	-0.8963802	28.12608	0.1891114

LOADING 69

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	43.81236	1.718368	-15.76032	-0.2136015E-01	3.762794	5.738595
0.500		43.81236	1.718368	5.385311	-0.2136015E-01	-9.449934	0.7982876
1.000		43.81236	1.718368	19.42969	-0.2136015E-01	27.92297	-4.142021

LOADING 70

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	58.58658	0.2091472	-15.60743	-0.9654735	3.315494	0.9917200
0.500		58.58658	0.2091472	5.538200	-0.9654735	-9.457679	0.3904218
1.000		58.58658	0.2091472	19.58258	-0.9654735	28.35478	-0.2108764

LOADING 71

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	43.29906	1.595601	-15.83992	0.4773321E-01	3.991791	5.432674
0.500		43.29906	1.595601	5.305711	0.4773321E-01	-9.449786	0.8453209
1.000		43.29906	1.595601	19.35009	0.4773321E-01	27.69427	-3.742033

LOADING 72

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-22.35884	-0.4475660E-01	-30.13460	-0.4383479	42.47392	0.1359698
0.500		-22.35884	-0.4475660E-01	-8.988970	-0.4383479	-12.06487	0.2646451
1.000		-22.35884	-0.4475660E-01	5.055406	-0.4383479	-16.01803	0.3933203

LOADING 73

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-36.61976	1.587231	-30.20789	0.4366721	42.69222	5.188767
0.500		-36.61976	1.587231	-9.062260	0.4366721	-12.05727	0.6254775
1.000		-36.61976	1.587231	4.982116	0.4366721	-16.22114	-3.937812

LOADING 74

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-21.84554	0.7801017E-01	-30.05500	-0.5074412	42.24492	0.4418910
0.500		-21.84554	0.7801017E-01	-8.909370	-0.5074412	-12.06502	0.2176117
1.000		-21.84554	0.7801017E-01	5.135005	-0.5074412	-15.78933	-0.6667503E-02

LOADING 75

DISTANCE		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-37.13306	1.464464	-30.28749	0.5057655	42.92122	4.882845
0.500		-37.13306	1.464464	-9.141859	0.5057655	-12.05713	0.6725108
1.000		-37.13306	1.464464	4.902517	0.5057655	-16.44984	-3.537824

--- MEMBER 33 ---

LOADING 1 G1 - PESI PROPRI STRUTTURALI

DISTANCE		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-17.75889	0.3525952E-03	-6.649941	0.3014653E-03	0.9944581	0.9851571E-03
0.500		-17.75889	0.3525952E-03	1.975059	0.3014653E-03	-5.725686	-0.2855409E-04
1.000		-17.75889	0.3525952E-03	10.60006	0.3014653E-03	12.35105	-0.1042265E-02

LOADING 2 G2 - SOVRACCARICHI PERMANENTI PORTATI

DISTANCE		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	1.461692	0.5309704E-03	-5.283325	0.4662545E-03	4.013533	0.1480874E-02
0.500		1.461692	0.5309704E-03	0.1360509	0.4662545E-03	-5.087015	-0.4566635E-04
1.000		1.461692	0.5309704E-03	12.65668	0.4662545E-03	11.60119	-0.1572206E-02

LOADING 3 Qk - SOVRACCARICHI ACCIDENTALI

DISTANCE		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	1.734183	0.7872791E-04	0.1029680	0.6814372E-04	-0.4022901	0.2211398E-03
0.500		1.734183	0.7872791E-04	0.1029680	0.6814372E-04	-0.1062570	-0.5202905E-05
1.000		1.734183	0.7872791E-04	0.1029680	0.6814372E-04	0.1897761	-0.2315456E-03

LOADING 4 Qn - NEVE

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-0.8665372	0.1314488E-03	0.2060310	0.1131799E-03	-0.7609515	0.3699669E-03
0.500		-0.8665372	0.1314488E-03	0.2060310	0.1131799E-03	-0.1686124	-0.7948383E-05
1.000		-0.8665372	0.1314488E-03	0.2060310	0.1131799E-03	0.4237267	-0.3858636E-03

LOADING 5 Qv (+X) - VENTO IN DIREZIONE X, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-0.9810693E-01	0.1125760	0.1031100E-02	0.9366474E-01	-0.2887479E-02	0.3136299
0.500		-0.9810693E-01	0.1125760	0.1031100E-02	0.9366474E-01	0.7693481E-04	-0.1002608E-01
1.000		-0.9810693E-01	0.1125760	0.1031100E-02	0.9366474E-01	0.3041348E-02	-0.3336821

LOADING 6 Qv (-X) - VENTO IN DIREZIONE X, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-0.6548648E-01	-0.1125814	0.6906342E-03	-0.9366958E-01	-0.1918575E-02	-0.3136445
0.500		-0.6548648E-01	-0.1125814	0.6906342E-03	-0.9366958E-01	0.6699833E-04	0.1002714E-01
1.000		-0.6548648E-01	-0.1125814	0.6906342E-03	-0.9366958E-01	0.2052572E-02	0.3336988

LOADING 7 Qv (+Y) - VENTO IN DIREZIONE Y, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-8.520410	0.4525753E-03	1.111449	0.1191587E-03	-3.391452	0.1804651E-02
0.500		-8.520410	0.4525753E-03	1.111449	0.1191587E-03	-0.1960348	0.5034974E-03
1.000		-8.520410	0.4525753E-03	1.111449	0.1191587E-03	2.999382	-0.7976566E-03

LOADING 8 Qv (-Y) - VENTO IN DIREZIONE Y, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	3.306116	-0.4308710E-03	-1.086446	-0.9991314E-04	3.318196	-0.1744114E-02
0.500		3.306116	-0.4308710E-03	-1.086446	-0.9991314E-04	0.1946626	-0.5053596E-03
1.000		3.306116	-0.4308710E-03	-1.086446	-0.9991314E-04	-2.928870	0.7333947E-03

LOADING 9

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-19.32328	0.1026837	-15.20334	0.8548340E-01	5.333640	0.2860819
0.500		-19.32328	0.1026837	3.054346	0.8548340E-01	-14.34229	-0.9133720E-02
1.000		-19.32328	0.1026837	30.54366	0.8548340E-01	31.74310	-0.3043494

LOADING 10

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-19.29393	-0.9995798E-01	-15.20365	-0.8311749E-01	5.334512	-0.2784650
0.500		-19.29393	-0.9995798E-01	3.054039	-0.8311749E-01	-14.34229	0.8914176E-02
1.000		-19.29393	-0.9995798E-01	30.54335	-0.8311749E-01	31.74221	0.2962934

LOADING 11

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-26.90336	0.1772632E-02	-14.20397	0.1292379E-02	2.283932	0.5439211E-02
0.500		-26.90336	0.1772632E-02	4.053722	0.1292379E-02	-14.51879	0.3428955E-03
1.000		-26.90336	0.1772632E-02	31.54304	0.1292379E-02	34.43981	-0.4753421E-02

LOADING 12

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-16.25949	0.9775298E-03	-16.18207	0.1095215E-02	8.322616	0.2245322E-02
0.500		-16.25949	0.9775298E-03	2.075616	0.1095215E-02	-14.16716	-0.5650758E-03
1.000		-16.25949	0.9775298E-03	29.56493	0.1095215E-02	29.10439	-0.3375474E-02

LOADING 13

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-22.57446	0.1026642	-15.20327	0.8546607E-01	5.366362	0.2860277
0.500		-22.57446	0.1026642	3.054417	0.8546607E-01	-14.30936	-0.9131877E-02
1.000		-22.57446	0.1026642	30.54373	0.8546607E-01	31.77623	-0.3042915

LOADING 14

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-22.54510	-0.9997749E-01	-15.20358	-0.8313481E-01	5.367234	-0.2785193
0.500		-22.54510	-0.9997749E-01	3.054111	-0.8313481E-01	-14.30937	0.8916020E-02
1.000		-22.54510	-0.9997749E-01	30.54342	-0.8313481E-01	31.77534	0.2963513

LOADING 15

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-30.15454	0.1753126E-02	-14.20389	0.1275048E-02	2.316654	0.5384977E-02
0.500		-30.15454	0.1753126E-02	4.053793	0.1275048E-02	-14.48586	0.3447385E-03
1.000		-30.15454	0.1753126E-02	31.54311	0.1275048E-02	34.47294	-0.4695499E-02

LOADING 16

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-19.51066	0.9580245E-03	-16.18200	0.1077884E-02	8.355336	0.2191088E-02
0.500		-19.51066	0.9580245E-03	2.075687	0.1077884E-02	-14.13423	-0.5632327E-03
1.000		-19.51066	0.9580245E-03	29.56500	0.1077884E-02	29.13751	-0.3317553E-02

LOADING 17

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-21.98342	0.1701112	-15.35717	0.1415800	5.935343	0.4739282
0.500		-21.98342	0.1701112	2.900512	0.1415800	-14.18285	-0.1514156E-01
1.000		-21.98342	0.1701112	30.38983	0.1415800	31.46027	-0.5042113

LOADING 18

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-21.93449	-0.1676250	-15.35769	-0.1394214	5.936796	-0.4669835
0.500		-21.93449	-0.1676250	2.900002	-0.1394214	-14.18287	0.1493827E-01
1.000		-21.93449	-0.1676250	30.38931	-0.1394214	31.45878	0.4968600

LOADING 19

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-34.61688	0.1926085E-02	-13.69155	0.1261659E-02	0.8524960	0.6190292E-02
0.500		-34.61688	0.1926085E-02	4.566140	0.1261659E-02	-14.47702	0.6527982E-03
1.000		-34.61688	0.1926085E-02	32.05545	0.1261659E-02	35.95478	-0.4884696E-02

LOADING 20

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-16.87709	0.6009152E-03	-16.98839	0.9330510E-03	10.91697	0.8671443E-03
0.500		-16.87709	0.6009152E-03	1.269297	0.9330510E-03	-13.89097	-0.8604872E-03
1.000		-16.87709	0.6009152E-03	28.75861	0.9330510E-03	27.06240	-0.2588118E-02

LOADING 21

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-15.05515	0.6857362E-01	-11.72666	0.5709130E-01	4.223493	0.1910501
0.500		-15.05515	0.6857362E-01	2.317712	0.5709130E-01	-11.00322	-0.6099043E-02
1.000		-15.05515	0.6857362E-01	23.46334	0.5709130E-01	24.35570	-0.2032482

LOADING 22

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-15.03558	-0.6652085E-01	-11.72687	-0.5530930E-01	4.224073	-0.1853146
0.500		-15.03558	-0.6652085E-01	2.317508	-0.5530930E-01	-11.00322	0.5932888E-02
1.000		-15.03558	-0.6652085E-01	23.46313	-0.5530930E-01	24.35511	0.1971803

LOADING 23

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-20.10853	0.1299563E-02	-11.06041	0.9639488E-03	2.190354	0.3954945E-02
0.500		-20.10853	0.1299563E-02	2.983963	0.9639488E-03	-11.12088	0.2187009E-03
1.000		-20.10853	0.1299563E-02	24.12959	0.9639488E-03	26.15351	-0.3517543E-02

LOADING 24

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-13.01262	0.7694953E-03	-12.37915	0.8325056E-03	6.216142	0.1825686E-02
0.500		-13.01262	0.7694953E-03	1.665226	0.8325056E-03	-10.88647	-0.3866133E-03
1.000		-13.01262	0.7694953E-03	22.81085	0.8325056E-03	22.59656	-0.2598912E-02

LOADING 25

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-17.22260	0.6856062E-01	-11.72662	0.5707975E-01	4.245307	0.1910140
0.500		-17.22260	0.6856062E-01	2.317759	0.5707975E-01	-10.98127	-0.6097814E-02
1.000		-17.22260	0.6856062E-01	23.46339	0.5707975E-01	24.37779	-0.2032096

LOADING 26

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-17.20303	-0.6653386E-01	-11.72682	-0.5532085E-01	4.245888	-0.1853507
0.500		-17.20303	-0.6653386E-01	2.317555	-0.5532085E-01	-10.98127	0.5934117E-02
1.000		-17.20303	-0.6653386E-01	23.46318	-0.5532085E-01	24.37720	0.1972190

LOADING 27

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-22.27598	0.1286560E-02	-11.06036	0.9523950E-03	2.212168	0.3918788E-02
0.500		-22.27598	0.1286560E-02	2.984010	0.9523950E-03	-11.09893	0.2199296E-03
1.000		-22.27598	0.1286560E-02	24.12964	0.9523950E-03	26.17559	-0.3478929E-02

LOADING 28

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-15.18007	0.7564918E-03	-12.37910	0.8209518E-03	6.237957	0.1789529E-02
0.500		-15.18007	0.7564918E-03	1.665273	0.8209518E-03	-10.86452	-0.3853845E-03
1.000		-15.18007	0.7564918E-03	22.81090	0.8209518E-03	22.61864	-0.2560298E-02

LOADING 29

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-16.82858	0.1135253	-11.82922	0.9448905E-01	4.624628	0.3162809
0.500		-16.82858	0.1135253	2.215156	0.9448905E-01	-10.89693	-0.1010427E-01
1.000		-16.82858	0.1135253	23.36078	0.9448905E-01	24.16714	-0.3364895

LOADING 30

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-16.79596	-0.1116322	-11.82956	-0.9284526E-01	4.625597	-0.3109935
0.500		-16.79596	-0.1116322	2.214816	-0.9284526E-01	-10.89694	0.9948949E-02
1.000		-16.79596	-0.1116322	23.36044	-0.9284526E-01	24.16615	0.3308914

LOADING 31

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-25.25088	0.1401865E-02	-10.71880	0.9434686E-03	1.236063	0.4455666E-02
0.500		-25.25088	0.1401865E-02	3.325575	0.9434686E-03	-11.09304	0.4253028E-03
1.000		-25.25088	0.1401865E-02	24.47120	0.9434686E-03	27.16348	-0.3605060E-02

LOADING 32

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-13.42435	0.5184190E-03	-12.91670	0.7243967E-03	7.945711	0.9069004E-03
0.500		-13.42435	0.5184190E-03	1.127679	0.7243967E-03	-10.70234	-0.5835542E-03
1.000		-13.42435	0.5184190E-03	22.27331	0.7243967E-03	21.23523	-0.2074009E-02

LOADING 33

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-16.29720	0.8835656E-03	-11.93327	0.7677199E-03	5.007991	0.2466031E-02
0.500		-16.29720	0.8835656E-03	2.111110	0.7677199E-03	-10.81270	-0.7422044E-04
1.000		-16.29720	0.8835656E-03	23.25673	0.7677199E-03	23.95224	-0.2614472E-02

LOADING 34

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-16.47051	0.9098554E-03	-11.89206	0.7903558E-03	4.855801	0.2540024E-02
0.500		-16.47051	0.9098554E-03	2.152316	0.7903558E-03	-10.84642	-0.7581011E-04
1.000		-16.47051	0.9098554E-03	23.29794	0.7903558E-03	24.03698	-0.2691644E-02

LOADING 35

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-16.31682	0.2339877E-01	-11.93306	0.1950067E-01	5.007413	0.6519201E-01
0.500		-16.31682	0.2339877E-01	2.111316	0.1950067E-01	-10.81269	-0.2079436E-02
1.000		-16.31682	0.2339877E-01	23.25694	0.1950067E-01	23.95285	-0.6935089E-01

LOADING 36

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-16.31030	-0.2163272E-01	-11.93313	-0.1796620E-01	5.007607	-0.6026287E-01
0.500		-16.31030	-0.2163272E-01	2.111248	-0.1796620E-01	-10.81269	0.1931208E-02
1.000		-16.31030	-0.2163272E-01	23.25687	-0.1796620E-01	23.95265	0.6412529E-01

LOADING 37

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-18.00128	0.9740807E-03	-11.71098	0.7915516E-03	4.329700	0.2826961E-02
0.500		-18.00128	0.9740807E-03	2.333400	0.7915516E-03	-10.85191	0.2647905E-04
1.000		-18.00128	0.9740807E-03	23.47902	0.7915516E-03	24.55211	-0.2774003E-02

LOADING 38

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-15.63598	0.7973914E-03	-12.15055	0.7477372E-03	5.671630	0.2117208E-02
0.500		-15.63598	0.7973914E-03	1.893821	0.7477372E-03	-10.77377	-0.1752923E-03
1.000		-15.63598	0.7973914E-03	23.03945	0.7477372E-03	23.36646	-0.2467793E-02

LOADING 39

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-16.29720	0.8835656E-03	-11.93327	0.7677199E-03	5.007991	0.2466031E-02
0.500		-16.29720	0.8835656E-03	2.111110	0.7677199E-03	-10.81270	-0.7422044E-04
1.000		-16.29720	0.8835656E-03	23.25673	0.7677199E-03	23.95224	-0.2614472E-02

LOADING 40 EX + ey: SISMA X positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-0.3481826	2.322975	0.2715593E-02	2.045417	-0.7480550E-02	5.925943
0.500		-0.3481826	2.322975	0.2715593E-02	2.045417	0.3267815E-03	-0.7526103
1.000		-0.3481826	2.322975	0.2715593E-02	2.045417	0.8134113E-02	-7.431164

LOADING 41 EX - ey: SISMA X positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-0.3584037	3.045804	0.4657093E-02	1.851970	-0.1350293E-01	8.693262
0.500		-0.3584037	3.045804	0.4657093E-02	1.851970	-0.1137886E-03	-0.6342423E-01
1.000		-0.3584037	3.045804	0.4657093E-02	1.851970	0.1327535E-01	-8.820111

LOADING 42 EY + ex: SISMA Y positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-34.83419	-0.2345242	6.817813	-0.3930951E-01	-20.92449	-1.051558
0.500		-34.83419	-0.2345242	6.817813	-0.3930951E-01	-1.323281	-0.3773011
1.000		-34.83419	-0.2345242	6.817813	-0.3930951E-01	18.27793	0.2969561

LOADING 43 EY - ex: SISMA Y positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-34.82891	0.2410510	6.816748	0.4067663E-01	-20.92118	1.078325
0.500		-34.82891	0.2410510	6.816748	0.4067663E-01	-1.323035	0.3853030
1.000		-34.82891	0.2410510	6.816748	0.4067663E-01	18.27511	-0.3077188

LOADING 44

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-27.09564	2.253501	-9.885207	2.034392	-1.276838	5.612942
0.500		-27.09564	2.253501	4.159169	2.034392	-11.20936	-0.8658748
1.000		-27.09564	2.253501	25.30480	2.034392	29.44375	-7.344692

LOADING 45

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-6.195125	2.394216	-13.97589	2.057977	11.27786	6.243877
0.500		-6.195125	2.394216	0.6848142E-01	2.057977	-10.41539	-0.6394941
1.000		-6.195125	2.394216	21.21411	2.057977	18.47699	-7.522865

LOADING 46

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-27.09406	2.396174	-9.885527	2.058388	-1.275845	6.251907
0.500		-27.09406	2.396174	4.158850	2.058388	-11.20928	-0.6370935
1.000		-27.09406	2.396174	25.30448	2.058388	29.44291	-7.526094

LOADING 47

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-6.196710	2.251543	-13.97557	2.033982	11.27687	5.604912
0.500		-6.196710	2.251543	0.6880103E-01	2.033982	-10.41546	-0.8682753
1.000		-6.196710	2.251543	21.21443	2.033982	18.47784	-7.341463

LOADING 48

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-26.39928	-2.392449	-9.890638	-2.056442	-1.261877	-6.238945
0.500		-26.39928	-2.392449	4.153738	-2.056442	-11.21001	0.6393456
1.000		-26.39928	-2.392449	25.29936	-2.056442	29.42748	7.517636

LOADING 49

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-5.498760	-2.251734	-13.98133	-2.032856	11.29282	-5.608010
0.500		-5.498760	-2.251734	0.6305023E-01	-2.032856	-10.41604	0.8657263
1.000		-5.498760	-2.251734	21.20868	-2.032856	18.46072	7.339463

LOADING 50

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-26.39769	-2.249776	-9.890957	-2.032446	-1.260884	-5.599980
0.500		-26.39769	-2.249776	4.153419	-2.032446	-11.20994	0.8681269
1.000		-26.39769	-2.249776	25.29905	-2.032446	29.42664	7.336234

LOADING 51

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-5.500344	-2.394407	-13.98101	-2.056852	11.29183	-6.246975
0.500		-5.500344	-2.394407	0.6336984E-01	-2.056852	-10.41612	0.6369451
1.000		-5.500344	-2.394407	21.20900	-2.056852	18.46157	7.520865

LOADING 52

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-27.10586	2.976331	-9.883265	1.840945	-1.282860	8.380261
0.500		-27.10586	2.976331	4.161111	1.840945	-11.20980	-0.1766888
1.000		-27.10586	2.976331	25.30674	1.840945	29.44889	-8.733639

LOADING 53

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-6.205346	3.117045	-13.97395	1.864531	11.27184	9.011195
0.500		-6.205346	3.117045	0.7042292E-01	1.864531	-10.41583	0.4969189E-01
1.000		-6.205346	3.117045	21.21605	1.864531	18.48213	-8.911813

LOADING 54

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-27.10428	3.119003	-9.883584	1.864941	-1.281868	9.019226
0.500		-27.10428	3.119003	4.160791	1.864941	-11.20973	0.5209245E-01
1.000		-27.10428	3.119003	25.30642	1.864941	29.44805	-8.915041

LOADING 55

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-6.206931	2.974372	-13.97363	1.840535	11.27084	8.372231
0.500		-6.206931	2.974372	0.7074253E-01	1.840535	-10.41590	-0.1790893
1.000		-6.206931	2.974372	21.21637	1.840535	18.48298	-8.730410

LOADING 56

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-26.38906	-3.115278	-9.892579	-1.862995	-1.255855	-9.006264
0.500		-26.38906	-3.115278	4.151797	-1.862995	-11.20957	-0.4984033E-01
1.000		-26.38906	-3.115278	25.29742	-1.862995	29.42234	8.906584

LOADING 57

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-5.488539	-2.974563	-13.98327	-1.839410	11.29884	-8.375330
0.500		-5.488539	-2.974563	0.6110873E-01	-1.839410	-10.41560	0.1765403
1.000		-5.488539	-2.974563	21.20674	-1.839410	18.45558	8.728410

LOADING 58

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-26.38747	-2.972605	-9.892899	-1.839000	-1.254862	-8.367298
0.500		-26.38747	-2.972605	4.151477	-1.839000	-11.20950	0.1789409
1.000		-26.38747	-2.972605	25.29710	-1.839000	29.42150	8.725181

LOADING 59

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-5.490123	-3.117236	-13.98295	-1.863406	11.29785	-9.014294
0.500		-5.490123	-3.117236	0.6142834E-01	-1.863406	-10.41568	-0.5224089E-01
1.000		-5.490123	-3.117236	21.20705	-1.863406	18.45643	8.909812

LOADING 60

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-51.23585	0.4632519	-5.114639	0.5750833	-15.91875	0.7286909
0.500		-51.23585	0.4632519	8.929737	0.5750833	-12.13588	-0.6031584
1.000		-51.23585	0.4632519	30.07536	0.5750833	42.23261	-1.935008

LOADING 61

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-51.02694	-0.9305332	-5.116268	-0.6521668	-15.91426	-2.826875
0.500		-51.02694	-0.9305332	8.928108	-0.6521668	-12.13608	-0.1515923
1.000		-51.02694	-0.9305332	30.07373	-0.6521668	42.22773	2.523691

LOADING 62

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-51.23891	0.6801006	-5.114056	0.5170493	-15.92055	1.558887
0.500		-51.23891	0.6801006	8.930320	0.5170493	-12.13601	-0.3964026
1.000		-51.23891	0.6801006	30.07595	0.5170493	42.23415	-2.351692

LOADING 63

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-51.02387	-1.147382	-5.116850	-0.5941329	-15.91245	-3.657071
0.500		-51.02387	-1.147382	8.927526	-0.5941329	-12.13595	-0.3583481
1.000		-51.02387	-1.147382	30.07315	-0.5941329	42.22618	2.940375

LOADING 64

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	18.43254	0.9323003	-18.75026	0.6537023	25.93024	2.831807
0.500		18.43254	0.9323003	-4.705888	0.6537023	-9.489323	0.1514438
1.000		18.43254	0.9323003	16.43974	0.6537023	5.676746	-2.528920

LOADING 65

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	18.64145	-0.4614848	-18.75189	-0.5735478	25.93473	-0.7237588
0.500		18.64145	-0.4614848	-4.707518	-0.5735478	-9.489517	0.6030099
1.000		18.64145	-0.4614848	16.43811	-0.5735478	5.671866	1.929779

LOADING 66

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	18.42947	1.149149	-18.74968	0.5956683	25.92843	3.662003
0.500		18.42947	1.149149	-4.705306	0.5956683	-9.489453	0.3581996
1.000		18.42947	1.149149	16.44032	0.5956683	5.678288	-2.945604

LOADING 67

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	18.64451	-0.6783334	-18.75248	-0.5155138	25.93654	-1.553955
0.500		18.64451	-0.6783334	-4.708100	-0.5155138	-9.489386	0.3962542
1.000		18.64451	-0.6783334	16.43753	-0.5155138	5.670324	2.346463

LOADING 68

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-51.23057	0.9388272	-5.115704	0.6550694	-15.91544	2.858574
0.500		-51.23057	0.9388272	8.928672	0.6550694	-12.13564	0.1594457
1.000		-51.23057	0.9388272	30.07430	0.6550694	42.22979	-2.539683

LOADING 69

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-51.02166	-0.4549580	-5.117333	-0.5721807	-15.91095	-0.6969923
0.500		-51.02166	-0.4549580	8.927043	-0.5721807	-12.13583	0.6110118
1.000		-51.02166	-0.4549580	30.07267	-0.5721807	42.22491	1.919016

LOADING 70

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-51.23363	1.155676	-5.115121	0.5970355	-15.91724	3.688770
0.500		-51.23363	1.155676	8.929255	0.5970355	-12.13577	0.3662015
1.000		-51.23363	1.155676	30.07488	0.5970355	42.23133	-2.956367

LOADING 71

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-51.01859	-0.6718066	-5.117916	-0.5141467	-15.90914	-1.527188
0.500		-51.01859	-0.6718066	8.926460	-0.5141467	-12.13570	0.4042560
1.000		-51.01859	-0.6718066	30.07209	-0.5141467	42.22337	2.335700

LOADING 72

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	18.42726	0.4567251	-18.74920	0.5737162	25.92693	0.7019243
0.500		18.42726	0.4567251	-4.704823	0.5737162	-9.489567	-0.6111603
1.000		18.42726	0.4567251	16.44080	0.5737162	5.679564	-1.924245

LOADING 73

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	18.63617	-0.9370601	-18.75083	-0.6535340	25.93142	-2.853642
0.500		18.63617	-0.9370601	-4.706452	-0.6535340	-9.489763	-0.1595941
1.000		18.63617	-0.9370601	16.43917	-0.6535340	5.674683	2.534454

LOADING 74

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	18.42419	0.6735738	-18.74862	0.5156822	25.92513	1.532120
0.500		18.42419	0.6735738	-4.704241	0.5156822	-9.489699	-0.4044044
1.000		18.42419	0.6735738	16.44139	0.5156822	5.681106	-2.340929

LOADING 75

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	18.63923	-1.153909	-18.75141	-0.5955000	25.93323	-3.683837
0.500		18.63923	-1.153909	-4.707035	-0.5955000	-9.489631	-0.3663499
1.000		18.63923	-1.153909	16.43859	-0.5955000	5.673141	2.951138

MEMBER 34

LOADING 1 G1 - PESI PROPRI STRUTTURALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-17.75832	-0.3383296E-03	-10.59996	-0.3009228E-03	12.35078	-0.1000530E-02
0.500		-17.75832	-0.3383296E-03	-1.974962	-0.3009228E-03	-5.725675	-0.2783244E-04
1.000		-17.75832	-0.3383296E-03	6.650039	-0.3009228E-03	0.9947475	0.9448652E-03

LOADING 2 G2 - SOVRACCARICHI PERMANENTI PORTATI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	1.461740	-0.5353599E-03	-12.65667	-0.4668559E-03	11.60117	-0.1588593E-02
0.500		1.461740	-0.5353599E-03	-0.1360442	-0.4668559E-03	-5.087018	-0.4943277E-04
1.000		1.461740	-0.5353599E-03	5.283331	-0.4668559E-03	4.013549	0.1489727E-02

LOADING 3 Qk - SOVRACCARICHI ACCIDENTALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	1.734663	-0.7659315E-04	-0.1028738	-0.6766954E-04	0.1895221	-0.2285248E-03

0.500	1.734663	-0.7659315E-04	-0.1028738	-0.6766954E-04	-0.1062401	-0.8319473E-05
1.000	1.734663	-0.7659315E-04	-0.1028738	-0.6766954E-04	-0.4020024	0.2118858E-03

LOADING 4 Qn - NEVE

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-0.8655065	-0.1264431E-03	-0.2058290	-0.1121022E-03	0.4231821	-0.3778972E-03
0.500		-0.8655065	-0.1264431E-03	-0.2058290	-0.1121022E-03	-0.1685764	-0.1437328E-04
1.000		-0.8655065	-0.1264431E-03	-0.2058290	-0.1121022E-03	-0.7603350	0.3491507E-03

LOADING 5 Qv (+X) - VENTO IN DIREZIONE X, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-0.9810007E-01	-0.1125889	-0.1030286E-02	-0.9364884E-01	0.3038628E-02	-0.3338148
0.500		-0.9810007E-01	-0.1125889	-0.1030286E-02	-0.9364884E-01	0.7655708E-04	-0.1012166E-01
1.000		-0.9810007E-01	-0.1125889	-0.1030286E-02	-0.9364884E-01	-0.2885514E-02	0.3135715

LOADING 6 Qv (-X) - VENTO IN DIREZIONE X, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-0.6531879E-01	0.1125948	-0.6558661E-03	0.9365390E-01	0.1959936E-02	0.3338316
0.500		-0.6531879E-01	0.1125948	-0.6558661E-03	0.9365390E-01	0.7432137E-04	0.1012149E-01
1.000		-0.6531879E-01	0.1125948	-0.6558661E-03	0.9365390E-01	-0.1811294E-02	-0.3135886

LOADING 7 Qv (+Y) - VENTO IN DIREZIONE Y, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	3.338138	0.4837660E-03	1.082774	0.1503380E-03	-2.922086	0.8969581E-03
0.500		3.338138	0.4837660E-03	1.082774	0.1503380E-03	0.1908882	-0.4938690E-03
1.000		3.338138	0.4837660E-03	1.082774	0.1503380E-03	3.303863	-0.1884696E-02

LOADING 8 Qv (-Y) - VENTO IN DIREZIONE Y, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-8.552394	-0.5060186E-03	-1.107770	-0.1696108E-03	2.992580	-0.9631307E-03

0.500	-8.552394	-0.5060186E-03	-1.107770	-0.1696108E-03	-0.1922596	0.4916728E-03
1.000	-8.552394	-0.5060186E-03	-1.107770	-0.1696108E-03	-3.377099	0.1946476E-02

LOADING 9

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-19.32097	-0.1026755	-30.54323	-0.8546765E-01	31.74194	-0.3044254
0.500	-19.32097	-0.1026755	-3.053917	-0.8546765E-01	-14.34222	-0.9233200E-02
1.000	-19.32097	-0.1026755	15.20377	-0.8546765E-01	5.334934	0.2859590

LOADING 10

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-19.29147	0.9998982E-01	-30.54289	0.8310482E-01	31.74096	0.2964563
0.500	-19.29147	0.9998982E-01	-3.053581	0.8310482E-01	-14.34223	0.8985634E-02
1.000	-19.29147	0.9998982E-01	15.20411	0.8310482E-01	5.335900	-0.2784851

LOADING 11

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-16.22836	-0.9101290E-03	-29.56781	-0.1048389E-02	29.10932	-0.3184807E-02
0.500	-16.22836	-0.9101290E-03	-2.078494	-0.1048389E-02	-14.17049	-0.5681860E-03
1.000	-16.22836	-0.9101290E-03	16.17919	-0.1048389E-02	8.311007	0.2048435E-02

LOADING 12

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-26.92984	-0.1800935E-02	-31.53930	-0.1336343E-02	34.43252	-0.4858887E-02
0.500	-26.92984	-0.1800935E-02	-4.049983	-0.1336343E-02	-14.51533	0.3188015E-03
1.000	-26.92984	-0.1800935E-02	14.20770	-0.1336343E-02	2.298142	0.5496490E-02

LOADING 13

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-22.57210	-0.1026555	-30.54329	-0.8545022E-01	31.77504	-0.3043660

0.500	-22.57210	-0.1026555	-3.053979	-0.8545022E-01	-14.30930	-0.9231500E-02
1.000	-22.57210	-0.1026555	15.20371	-0.8545022E-01	5.367686	0.2859030

LOADING 14

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-22.54260	0.1000099	-30.54296	0.8312224E-01	31.77407	0.2965157
0.500	-22.54260	0.1000099	-3.053642	0.8312224E-01	-14.30930	0.8987333E-02
1.000	-22.54260	0.1000099	15.20405	0.8312224E-01	5.368653	-0.2785411

LOADING 15

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-19.47948	-0.8900717E-03	-29.56787	-0.1030962E-02	29.14243	-0.3125443E-02
0.500	-19.47948	-0.8900717E-03	-2.078555	-0.1030962E-02	-14.13756	-0.5664868E-03
1.000	-19.47948	-0.8900717E-03	16.17913	-0.1030962E-02	8.343759	0.1992469E-02

LOADING 16

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-30.18096	-0.1780878E-02	-31.53936	-0.1318915E-02	34.46563	-0.4799523E-02
0.500	-30.18096	-0.1780878E-02	-4.050045	-0.1318915E-02	-14.48240	0.3205008E-03
1.000	-30.18096	-0.1780878E-02	14.20764	-0.1318915E-02	2.330894	0.5440524E-02

LOADING 17

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-21.98183	-0.1701140	-30.38954	-0.1415554	31.45947	-0.5043715
0.500	-21.98183	-0.1701140	-2.900225	-0.1415554	-14.18282	-0.1529372E-01
1.000	-21.98183	-0.1701140	15.35746	-0.1415554	5.936206	0.4737840

LOADING 18

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-21.93266	0.1676616	-30.38898	0.1393987	31.45786	0.4970981

0.500	-21.93266	0.1676616	-2.899663	0.1393987	-14.18282	0.1507101E-01
1.000	-21.93266	0.1676616	15.35802	0.1393987	5.937818	-0.4669561

LOADING 19

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-16.82747	-0.5049797E-03	-28.76383	-0.8566820E-03	27.07179	-0.2303845E-02
0.500	-16.82747	-0.5049797E-03	-1.274519	-0.8566820E-03	-13.89660	-0.8520283E-03
1.000	-16.82747	-0.5049797E-03	16.98317	-0.8566820E-03	10.89633	0.5997885E-03

LOADING 20

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-34.66327	-0.1989657E-02	-32.04965	-0.1336605E-02	35.94378	-0.5093978E-02
0.500	-34.66327	-0.1989657E-02	-4.560335	-0.1336605E-02	-14.47132	0.6262844E-03
1.000	-34.66327	-0.1989657E-02	13.69735	-0.1336605E-02	0.8748862	0.6346547E-02

LOADING 21

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-15.05353	-0.6856685E-01	-23.46304	-0.5708081E-01	24.35488	-0.2032955
0.500	-15.05353	-0.6856685E-01	-2.317413	-0.5708081E-01	-11.00318	-0.6165769E-02
1.000	-15.05353	-0.6856685E-01	11.72696	-0.5708081E-01	4.224395	0.1909639

LOADING 22

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-15.03386	0.6654339E-01	-23.46281	0.5530084E-01	24.35424	0.1972924
0.500	-15.03386	0.6654339E-01	-2.317188	0.5530084E-01	-11.00318	0.5980121E-02
1.000	-15.03386	0.6654339E-01	11.72719	0.5530084E-01	4.225040	-0.1853321

LOADING 23

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-12.99179	-0.7232447E-03	-22.81276	-0.8012966E-03	22.59981	-0.2468421E-02

0.500	-12.99179	-0.7232447E-03	-1.667130	-0.8012966E-03	-10.88869	-0.3890927E-03
1.000	-12.99179	-0.7232447E-03	12.37725	-0.8012966E-03	6.208445	0.1690236E-02

LOADING 24

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-20.12610	-0.1317115E-02	-24.12708	-0.9932658E-03	26.14861	-0.3584475E-02
0.500	-20.12610	-0.1317115E-02	-2.981457	-0.9932658E-03	-11.11858	0.2022323E-03
1.000	-20.12610	-0.1317115E-02	11.06292	-0.9932658E-03	2.199867	0.3988939E-02

LOADING 25

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-17.22094	-0.6855348E-01	-23.46308	-0.5706919E-01	24.37695	-0.2032559
0.500	-17.22094	-0.6855348E-01	-2.317453	-0.5706919E-01	-10.98122	-0.6164636E-02
1.000	-17.22094	-0.6855348E-01	11.72692	-0.5706919E-01	4.246231	0.1909266

LOADING 26

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-17.20127	0.6655676E-01	-23.46285	0.5531246E-01	24.37631	0.1973320
0.500	-17.20127	0.6655676E-01	-2.317229	0.5531246E-01	-10.98123	0.5981254E-02
1.000	-17.20127	0.6655676E-01	11.72715	0.5531246E-01	4.246875	-0.1853694

LOADING 27

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-15.15920	-0.7098731E-03	-22.81280	-0.7896782E-03	22.62188	-0.2428845E-02
0.500	-15.15920	-0.7098731E-03	-1.667171	-0.7896782E-03	-10.86674	-0.3879599E-03
1.000	-15.15920	-0.7098731E-03	12.37720	-0.7896782E-03	6.230279	0.1652925E-02

LOADING 28

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-22.29352	-0.1303744E-02	-24.12712	-0.9816475E-03	26.17068	-0.3544898E-02

0.500	-22.29352	-0.1303744E-02	-2.981497	-0.9816475E-03	-11.09663	0.2033652E-03
1.000	-22.29352	-0.1303744E-02	11.06288	-0.9816475E-03	2.221703	0.3951629E-02

LOADING 29

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-16.82743	-0.1135258	-23.36058	-0.9447267E-01	24.16658	-0.3365928
0.500	-16.82743	-0.1135258	-2.214951	-0.9447267E-01	-10.89690	-0.1020611E-01
1.000	-16.82743	-0.1135258	11.82942	-0.9447267E-01	4.625244	0.3161806

LOADING 30

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-16.79465	0.1116579	-23.36020	0.9283007E-01	24.16550	0.3310535
0.500	-16.79465	0.1116579	-2.214576	0.9283007E-01	-10.89691	0.1003704E-01
1.000	-16.79465	0.1116579	11.82980	0.9283007E-01	4.626318	-0.3109795

LOADING 31

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-13.39119	-0.4531451E-03	-22.27677	-0.6734919E-03	21.24145	-0.1881113E-02
0.500	-13.39119	-0.4531451E-03	-1.131147	-0.6734919E-03	-10.70609	-0.5783209E-03
1.000	-13.39119	-0.4531451E-03	12.91323	-0.6734919E-03	7.931992	0.7244713E-03

LOADING 32

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-25.28172	-0.1442930E-02	-24.46732	-0.9934406E-03	27.15612	-0.3741202E-02
0.500	-25.28172	-0.1442930E-02	-3.321691	-0.9934406E-03	-11.08924	0.4072209E-03
1.000	-25.28172	-0.1442930E-02	10.72268	-0.9934406E-03	1.251031	0.4555644E-02

LOADING 33

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-16.29658	-0.8736895E-03	-23.25663	-0.7677788E-03	23.95195	-0.2589123E-02

0.500	-16.29658	-0.8736895E-03	-2.111006	-0.7677788E-03	-10.81269	-0.7726521E-04
1.000	-16.29658	-0.8736895E-03	11.93337	-0.7677788E-03	5.008297	0.2434592E-02

LOADING 34

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-16.46968	-0.8989782E-03	-23.29780	-0.7901993E-03	24.03658	-0.2664702E-02
0.500	-16.46968	-0.8989782E-03	-2.152172	-0.7901993E-03	-10.84641	-0.8013986E-04
1.000	-16.46968	-0.8989782E-03	11.89220	-0.7901993E-03	4.856230	0.2504422E-02

LOADING 35

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-16.31620	-0.2339147E-01	-23.25684	-0.1949755E-01	23.95255	-0.6935208E-01
0.500	-16.31620	-0.2339147E-01	-2.111212	-0.1949755E-01	-10.81268	-0.2101598E-02
1.000	-16.31620	-0.2339147E-01	11.93316	-0.1949755E-01	5.007720	0.6514888E-01

LOADING 36

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-16.30964	0.2164527E-01	-23.25676	0.1796300E-01	23.95234	0.6417719E-01
0.500	-16.30964	0.2164527E-01	-2.111137	0.1796300E-01	-10.81268	0.1947032E-02
1.000	-16.30964	0.2164527E-01	11.93324	0.1796300E-01	5.007935	-0.6028314E-01

LOADING 37

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-15.62895	-0.7769364E-03	-23.04008	-0.7377111E-03	23.36753	-0.2409731E-02
0.500	-15.62895	-0.7769364E-03	-1.894451	-0.7377111E-03	-10.77452	-0.1760390E-03
1.000	-15.62895	-0.7769364E-03	12.14992	-0.7377111E-03	5.669069	0.2057653E-02

LOADING 38

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-18.00706	-0.9748933E-03	-23.47819	-0.8017009E-03	24.55046	-0.2781749E-02

0.500	-18.00706	-0.9748933E-03	-2.332560	-0.8017009E-03	-10.85114	0.2106934E-04
1.000	-18.00706	-0.9748933E-03	11.71182	-0.8017009E-03	4.332877	0.2823888E-02

LOADING 39

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-16.29658	-0.8736895E-03	-23.25663	-0.7677788E-03	23.95195	-0.2589123E-02
0.500	-16.29658	-0.8736895E-03	-2.111006	-0.7677788E-03	-10.81269	-0.7726521E-04
1.000	-16.29658	-0.8736895E-03	11.93337	-0.7677788E-03	5.008297	0.2434592E-02

LOADING 40 EX + ey: SISMA X positivo, eccentricità positiva

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-0.3606267	-3.046530	-0.5071413E-02	-1.852179	0.1434994E-01	-8.823717
0.500	-0.3606267	-3.046530	-0.5071413E-02	-1.852179	-0.2303690E-03	-0.6494123E-01
1.000	-0.3606267	-3.046530	-0.5071413E-02	-1.852179	-0.1481068E-01	8.693834

LOADING 41 EX - ey: SISMA X positivo, eccentricità negativa

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-0.3495353	-2.323075	-0.3051112E-02	-2.044930	0.9049351E-02	-7.432988
0.500	-0.3495353	-2.323075	-0.3051112E-02	-2.044930	0.2774047E-03	-0.7541491
1.000	-0.3495353	-2.323075	-0.3051112E-02	-2.044930	-0.8494543E-02	5.924690

LOADING 42 EY + ex: SISMA Y positivo, eccentricità positiva

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	35.01318	-0.2337318	6.794508	-0.3806993E-01	-18.23468	-0.2944928
0.500	35.01318	-0.2337318	6.794508	-0.3806993E-01	1.299535	0.3774861
1.000	35.01318	-0.2337318	6.794508	-0.3806993E-01	20.83375	1.049465

LOADING 43 EY - ex: SISMA Y positivo, eccentricità negativa

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	35.00679	0.2418241	6.793394	0.4088294E-01	-18.23175	0.3100409

0.500	35.00679	0.2418241	6.793394	0.4088294E-01	1.299253	-0.3852034
1.000	35.00679	0.2418241	6.793394	0.4088294E-01	20.83026	-1.080448

LOADING 44

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-6.153249	-3.117524	-21.22335	-1.864367	18.49590	-8.914654
0.500	-6.153249	-3.117524	-0.7772496E-01	-1.864367	-10.42306	0.4822736E-01
1.000	-6.153249	-3.117524	13.96665	-1.864367	11.24361	9.011108

LOADING 45

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-27.16116	-2.977285	-25.30006	-1.841525	29.43670	-8.737958
0.500	-27.16116	-2.977285	-4.154430	-1.841525	-11.20278	-0.1782643
1.000	-27.16116	-2.977285	9.889946	-1.841525	-1.256638	8.381430

LOADING 46

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-6.155165	-2.974857	-21.22369	-1.840681	18.49677	-8.733294
0.500	-6.155165	-2.974857	-0.7805907E-01	-1.840681	-10.42315	-0.1805795
1.000	-6.155165	-2.974857	13.96632	-1.840681	11.24257	8.372134

LOADING 47

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-27.15924	-3.119951	-25.29972	-1.865211	29.43583	-8.919317
0.500	-27.15924	-3.119951	-4.154096	-1.865211	-11.20270	0.5054253E-01
1.000	-27.15924	-3.119951	9.890280	-1.865211	-1.255593	9.020403

LOADING 48

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-5.431996	2.975537	-21.21321	1.839990	18.46720	8.732780

0.500	-5.431996	2.975537	-0.6758214E-01	1.839990	-10.42260	0.1781098
1.000	-5.431996	2.975537	13.97679	1.839990	11.27323	-8.376560

LOADING 49

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-26.43991	3.115776	-25.28991	1.862832	29.40800	8.909475
0.500	-26.43991	3.115776	-4.144287	1.862832	-11.20232	-0.4838189E-01
1.000	-26.43991	3.115776	9.900088	1.862832	-1.227017	-9.006239

LOADING 50

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-5.433912	3.118204	-21.21354	1.863676	18.46807	8.914141
0.500	-5.433912	3.118204	-0.6791624E-01	1.863676	-10.42269	-0.5069706E-01
1.000	-5.433912	3.118204	13.97646	1.863676	11.27219	-9.015534

LOADING 51

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-26.43799	2.973110	-25.28958	1.839146	29.40712	8.728116
0.500	-26.43799	2.973110	-4.143953	1.839146	-11.20224	0.1804250
1.000	-26.43799	2.973110	9.900423	1.839146	-1.225972	-8.367265

LOADING 52

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-6.142158	-2.394068	-21.22133	-2.057118	18.49059	-7.523925
0.500	-6.142158	-2.394068	-0.7570466E-01	-2.057118	-10.42255	-0.6409805
1.000	-6.142158	-2.394068	13.96867	-2.057118	11.24993	6.241964

LOADING 53

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-27.15007	-2.253829	-25.29804	-2.034276	29.43140	-7.347230

0.500	-27.15007	-2.253829	-4.152410	-2.034276	-11.20228	-0.8674722
1.000	-27.15007	-2.253829	9.891966	-2.034276	-1.250322	5.612285

LOADING 54

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-6.144074	-2.251401	-21.22167	-2.033432	18.49147	-7.342565
0.500	-6.144074	-2.251401	-0.7603877E-01	-2.033432	-10.42264	-0.8697874
1.000	-6.144074	-2.251401	13.96834	-2.033432	11.24888	5.602991

LOADING 55

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-27.14815	-2.396495	-25.29770	-2.057962	29.43052	-7.528589
0.500	-27.14815	-2.396495	-4.152075	-2.057962	-11.20219	-0.6386654
1.000	-27.14815	-2.396495	9.892301	-2.057962	-1.249277	6.251259

LOADING 56

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-5.443088	2.252081	-21.21523	2.032741	18.47249	7.342052
0.500	-5.443088	2.252081	-0.6960244E-01	2.032741	-10.42311	0.8673177
1.000	-5.443088	2.252081	13.97477	2.032741	11.26692	-5.607416

LOADING 57

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-26.45099	2.392320	-25.29193	2.055583	29.41330	7.518747
0.500	-26.45099	2.392320	-4.146307	2.055583	-11.20283	0.6408260
1.000	-26.45099	2.392320	9.898068	2.055583	-1.233333	-6.237095

LOADING 58

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-5.445003	2.394748	-21.21556	2.056426	18.47337	7.523411

0.500	-5.445003	2.394748	-0.6993654E-01	2.056426	-10.42319	0.6385108
1.000	-5.445003	2.394748	13.97444	2.056426	11.26587	-6.246390

LOADING 59

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-26.44908	2.249654	-25.29160	2.031897	29.41242	7.337387
0.500	-26.44908	2.249654	-4.145973	2.031897	-11.20275	0.8696328
1.000	-26.44908	2.249654	9.898403	2.031897	-1.232288	-5.598122

LOADING 60

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	18.60841	-1.148565	-16.46365	-0.5944913	5.721576	-2.944197
0.500	18.60841	-1.148565	4.681981	-0.5944913	-9.513227	0.3579265
1.000	18.60841	-1.148565	18.72636	-0.5944913	25.83760	3.660050

LOADING 61

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	18.82479	0.6793537	-16.46060	0.5168159	5.712966	2.350033
0.500	18.82479	0.6793537	4.685024	0.5168159	-9.513088	0.3968912
1.000	18.82479	0.6793537	18.72940	0.5168159	25.84649	-1.556251

LOADING 62

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	18.61174	-0.9315279	-16.46304	-0.6523166	5.719986	-2.526978
0.500	18.61174	-0.9315279	4.682587	-0.6523166	-9.513074	0.1511641
1.000	18.61174	-0.9315279	18.72696	-0.6523166	25.83949	2.829307

LOADING 63

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	18.82146	0.4623169	-16.46121	0.5746411	5.714557	1.932815

0.500	18.82146	0.4623169	4.684417	0.5746411	-9.513241	0.6036537
1.000	18.82146	0.4623169	18.72879	0.5746411	25.84459	-0.7255074

LOADING 64

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-51.41795	-0.6811011	-30.05266	-0.5183514	42.19093	-2.355211
0.500	-51.41795	-0.6811011	-8.907035	-0.5183514	-12.11230	-0.3970458
1.000	-51.41795	-0.6811011	5.137340	-0.5183514	-15.82989	1.561120

LOADING 65

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-51.20156	1.146817	-30.04962	0.5929557	42.18232	2.939019
0.500	-51.20156	1.146817	-8.903993	0.5929557	-12.11216	-0.3580810
1.000	-51.20156	1.146817	5.140383	0.5929557	-15.82101	-3.655181

LOADING 66

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-51.41462	-0.4640643	-30.05206	-0.5761766	42.18934	-1.937993
0.500	-51.41462	-0.4640643	-8.906429	-0.5761766	-12.11214	-0.6038082
1.000	-51.41462	-0.4640643	5.137946	-0.5761766	-15.82800	0.7303767

LOADING 67

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-51.20490	0.9297804	-30.05023	0.6507810	42.18391	2.521800
0.500	-51.20490	0.9297804	-8.904599	0.6507810	-12.11231	-0.1513187
1.000	-51.20490	0.9297804	5.139777	0.6507810	-15.82290	-2.824437

LOADING 68

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	18.60203	-0.6730088	-16.46476	-0.5155385	5.724496	-2.339663

0.500	18.60203	-0.6730088	4.680867	-0.5155385	-9.513509	-0.4047630
1.000	18.60203	-0.6730088	18.72524	-0.5155385	25.83412	1.530137

LOADING 69

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	18.81840	1.154910	-16.46172	0.5957687	5.715886	2.954567
0.500	18.81840	1.154910	4.683910	0.5957687	-9.513370	-0.3657983
1.000	18.81840	1.154910	18.72828	0.5957687	25.84300	-3.686163

LOADING 70

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	18.60536	-0.4559720	-16.46415	-0.5733637	5.722906	-1.922445
0.500	18.60536	-0.4559720	4.681473	-0.5733637	-9.513355	-0.6115254
1.000	18.60536	-0.4559720	18.72585	-0.5733637	25.83601	0.6993941

LOADING 71

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	18.81507	0.9378728	-16.46232	0.6535940	5.717476	2.537349
0.500	18.81507	0.9378728	4.683303	0.6535940	-9.513523	-0.1590359
1.000	18.81507	0.9378728	18.72768	0.6535940	25.84111	-2.855420

LOADING 72

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-51.41156	-1.156657	-30.05155	-0.5973043	42.18801	-2.959745
0.500	-51.41156	-1.156657	-8.905922	-0.5973043	-12.11201	0.3656437
1.000	-51.41156	-1.156657	5.138454	-0.5973043	-15.82641	3.691033

LOADING 73

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-51.19518	0.6712614	-30.04851	0.5140029	42.17940	2.334485

0.500	-51.19518	0.6712614	-8.902879	0.5140029	-12.11188	0.4046085
1.000	-51.19518	0.6712614	5.141497	0.5140029	-15.81752	-1.525268

LOADING 74

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-51.40823	-0.9396201	-30.05094	-0.6551296	42.18642	-2.542527
0.500	-51.40823	-0.9396201	-8.905315	-0.6551296	-12.11186	0.1588814
1.000	-51.40823	-0.9396201	5.139060	-0.6551296	-15.82451	2.860289

LOADING 75

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-51.19851	0.4542246	-30.04911	0.5718281	42.18099	1.917267
0.500	-51.19851	0.4542246	-8.903485	0.5718281	-12.11203	0.6113709
1.000	-51.19851	0.4542246	5.140891	0.5718281	-15.81942	-0.6945248

MEMBER 35

LOADING 1 G1 - PESI PROPRI STRUTTURALI

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	2.965673	0.5829959	-6.869553	-0.2198811	1.652800	1.282642
0.500	2.965673	0.5829959	1.755448	-0.2198811	-5.698727	-0.3934714
1.000	2.965673	0.5829959	10.38045	-0.2198811	11.74662	-2.069585

LOADING 2 G2 - SOVRACCARICHI PERMANENTI PORTATI

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	7.764821	0.2555829	-5.373010	-0.8390858E-02	4.299714	0.5968579
0.500	7.764821	0.2555829	0.4636587E-01	-0.8390858E-02	-5.058679	-0.1379430
1.000	7.764821	0.2555829	12.56699	-0.8390858E-02	11.37168	-0.8727439

LOADING 3 Qk - SOVRACCARICHI ACCIDENTALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	3.733066	0.6627608E-01	0.8452843E-01	-0.9174501E-02	-0.3497058	0.1517680
0.500		3.733066	0.6627608E-01	0.8452843E-01	-0.9174501E-02	-0.1066865	-0.3877572E-01
1.000		3.733066	0.6627608E-01	0.8452843E-01	-0.9174501E-02	0.1363327	-0.2293195

LOADING 4 Qn - NEVE

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	3.030914	0.1066656	0.1719554	-0.2728147E-01	-0.6659098	0.2407991
0.500		3.030914	0.1066656	0.1719554	-0.2728147E-01	-0.1715379	-0.6586464E-01
1.000		3.030914	0.1066656	0.1719554	-0.2728147E-01	0.3228340	-0.3725283

LOADING 5 Qv (+X) - VENTO IN DIREZIONE X, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-0.9187929	0.1088072	0.9806640E-02	0.7849582E-01	-0.2769972E-01	0.2863868
0.500		-0.9187929	0.1088072	0.9806640E-02	0.7849582E-01	0.4943676E-03	-0.2643396E-01
1.000		-0.9187929	0.1088072	0.9806640E-02	0.7849582E-01	0.2868846E-01	-0.3392547

LOADING 6 Qv (-X) - VENTO IN DIREZIONE X, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	0.4052325	-0.1152089	-0.5342274E-02	-0.8137440E-01	0.1538655E-01	-0.3015433
0.500		0.4052325	-0.1152089	-0.5342274E-02	-0.8137440E-01	0.2750997E-04	0.2968236E-01
1.000		0.4052325	-0.1152089	-0.5342274E-02	-0.8137440E-01	-0.1533153E-01	0.3609080

LOADING 7 Qv (+Y) - VENTO IN DIREZIONE Y, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-6.936046	0.1442748	0.8000091	0.5050693E-01	-2.476039	0.5519512
0.500		-6.936046	0.1442748	0.8000091	0.5050693E-01	-0.1760129	0.1371610
1.000		-6.936046	0.1442748	0.8000091	0.5050693E-01	2.124013	-0.2776292

LOADING 8 Qv (-Y) - VENTO IN DIREZIONE Y, VERSO NEGATIVO

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	2.011667	-0.1413677	-0.7781183	-0.4991040E-01	2.411701	-0.5410483
0.500		2.011667	-0.1413677	-0.7781183	-0.4991040E-01	0.1746104	-0.1346162
1.000		2.011667	-0.1413677	-0.7781183	-0.4991040E-01	-2.062480	0.2718158

LOADING 9

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	20.99551	1.367492	-15.65075	-0.2603301	6.689346	3.109349
0.500		20.99551	1.367492	2.606943	-0.2603301	-14.27287	-0.8221913
1.000		20.99551	1.367492	30.09626	-0.2603301	30.52624	-4.753732

LOADING 10

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	22.18714	1.165878	-15.66438	-0.4042133	6.728123	2.580212
0.500		22.18714	1.165878	2.593308	-0.4042133	-14.27328	-0.7716866
1.000		22.18714	1.165878	30.08262	-0.4042133	30.48662	-4.123585

LOADING 11

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	15.57999	1.399413	-14.93956	-0.2855201	4.485841	3.348357
0.500		15.57999	1.399413	3.318125	-0.2855201	-14.43172	-0.6749558
1.000		15.57999	1.399413	30.80744	-0.2855201	32.41203	-4.698268

LOADING 12

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	23.63293	1.142335	-16.35988	-0.3758958	8.884807	2.364658
0.500		23.63293	1.142335	1.897810	-0.3758958	-14.11616	-0.9195553
1.000		23.63293	1.142335	29.38712	-0.3758958	28.64419	-4.203768

LOADING 13

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	17.66910	1.348077	-15.64857	-0.2670295	6.714472	3.062296
0.500		17.66910	1.348077	2.609117	-0.2670295	-14.24149	-0.8134261
1.000		17.66910	1.348077	30.09843	-0.2670295	30.56387	-4.689148

LOADING 14

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	18.86072	1.146463	-15.66221	-0.4109127	6.753251	2.533159
0.500		18.86072	1.146463	2.595482	-0.4109127	-14.24191	-0.7629215
1.000		18.86072	1.146463	30.08479	-0.4109127	30.52425	-4.059002

LOADING 15

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	12.25357	1.379998	-14.93739	-0.2922195	4.510967	3.301304
0.500		12.25357	1.379998	3.320299	-0.2922195	-14.40034	-0.6661908
1.000		12.25357	1.379998	30.80961	-0.2922195	32.44966	-4.633686

LOADING 16

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	20.30651	1.122920	-16.35770	-0.3825951	8.909933	2.317605
0.500		20.30651	1.122920	1.899984	-0.3825951	-14.08478	-0.9107902
1.000		20.30651	1.122920	29.38930	-0.3825951	28.68181	-4.139185

LOADING 17

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	14.84464	1.333363	-15.77165	-0.1994709	7.197286	3.053529
0.500		14.84464	1.333363	2.486034	-0.1994709	-14.11254	-0.7798881
1.000		14.84464	1.333363	29.97535	-0.1994709	30.33895	-4.613306

LOADING 18

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	16.83068	0.9973383	-15.79438	-0.4392762	7.261914	2.171634
0.500		16.83068	0.9973383	2.463310	-0.4392762	-14.11324	-0.6957136
1.000		16.83068	0.9973383	29.95262	-0.4392762	30.27292	-3.563061

LOADING 19

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	5.818758	1.386564	-14.58635	-0.2414542	3.524776	3.451876
0.500		5.818758	1.386564	3.671337	-0.2414542	-14.37730	-0.5344957
1.000		5.818758	1.386564	31.16065	-0.2414542	33.48194	-4.520867

LOADING 20

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	19.24033	0.9581001	-16.95354	-0.3920802	10.85639	1.812377
0.500		19.24033	0.9581001	1.304146	-0.3920802	-13.85136	-0.9421615
1.000		19.24033	0.9581001	28.79346	-0.3920802	27.20220	-3.696700

LOADING 21

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	15.42774	1.023472	-12.06617	-0.2039897	5.253232	2.323499
0.500		15.42774	1.023472	1.978203	-0.2039897	-10.94956	-0.6189828
1.000		15.42774	1.023472	23.12383	-0.2039897	23.43327	-3.561465

LOADING 22

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	16.22216	0.8890623	-12.07526	-0.2999118	5.279084	1.970741
0.500		16.22216	0.8890623	1.969114	-0.2999118	-10.94984	-0.5853130
1.000		16.22216	0.8890623	23.11474	-0.2999118	23.40686	-3.141367

LOADING 23

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	11.81739	1.044753	-11.59205	-0.2207830	3.784229	2.482838
0.500		11.81739	1.044753	2.452325	-0.2207830	-11.05547	-0.5208259
1.000		11.81739	1.044753	23.59795	-0.2207830	24.69046	-3.524490

LOADING 24

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	17.18602	0.8733671	-12.53893	-0.2810334	6.716873	1.827038
0.500		17.18602	0.8733671	1.505448	-0.2810334	-10.84509	-0.6838921
1.000		17.18602	0.8733671	22.65108	-0.2810334	22.17857	-3.194823

LOADING 25

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	13.21013	1.010529	-12.06472	-0.2084559	5.269984	2.292131
0.500		13.21013	1.010529	1.979653	-0.2084559	-10.92865	-0.6131394
1.000		13.21013	1.010529	23.12528	-0.2084559	23.45835	-3.518410

LOADING 26

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	14.00455	0.8761191	-12.07381	-0.3043781	5.295835	1.939373
0.500		14.00455	0.8761191	1.970564	-0.3043781	-10.92893	-0.5794696
1.000		14.00455	0.8761191	23.11619	-0.3043781	23.43194	-3.098312

LOADING 27

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	9.599780	1.031809	-11.59060	-0.2252493	3.800980	2.451469
0.500		9.599780	1.031809	2.453774	-0.2252493	-11.03455	-0.5149824
1.000		9.599780	1.031809	23.59940	-0.2252493	24.71555	-3.481434

LOADING 28

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	14.96841	0.8604239	-12.53748	-0.2854997	6.733624	1.795670
0.500		14.96841	0.8604239	1.506898	-0.2854997	-10.82418	-0.6780488
1.000		14.96841	0.8604239	22.65252	-0.2854997	22.20365	-3.151767

LOADING 29

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	11.32716	1.000719	-12.14678	-0.1634168	5.591859	2.286286
0.500		11.32716	1.000719	1.897598	-0.1634168	-10.84268	-0.5907807
1.000		11.32716	1.000719	23.04322	-0.1634168	23.30841	-3.467848

LOADING 30

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	12.65118	0.7767028	-12.16193	-0.3232871	5.634945	1.698356
0.500		12.65118	0.7767028	1.882449	-0.3232871	-10.84315	-0.5346643
1.000		12.65118	0.7767028	23.02808	-0.3232871	23.26439	-2.767685

LOADING 31

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	5.309906	1.036186	-11.35658	-0.1914058	3.143520	2.551851
0.500		5.309906	1.036186	2.687800	-0.1914058	-11.01919	-0.4271857
1.000		5.309906	1.036186	23.83343	-0.1914058	25.40374	-3.406222

LOADING 32

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	14.25762	0.7505440	-12.93470	-0.2918231	8.031259	1.458851
0.500		14.25762	0.7505440	1.109673	-0.2918231	-10.66856	-0.6989629
1.000		14.25762	0.7505440	22.25530	-0.2918231	21.21725	-2.856777

LOADING 33

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	10.73049	0.8385788	-12.24256	-0.2282719	5.952513	1.879500
0.500		10.73049	0.8385788	1.801813	-0.2282719	-10.75741	-0.5314144
1.000		10.73049	0.8385788	22.94744	-0.2282719	23.11831	-2.942328

LOADING 34

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	11.33668	0.8599120	-12.20817	-0.2337282	5.819332	1.927660
0.500		11.33668	0.8599120	1.836205	-0.2337282	-10.79171	-0.5445873
1.000		11.33668	0.8599120	22.98183	-0.2337282	23.18287	-3.016834

LOADING 35

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	10.54674	0.8603402	-12.24060	-0.2125728	5.946973	1.936777
0.500		10.54674	0.8603402	1.803775	-0.2125728	-10.75731	-0.5367011
1.000		10.54674	0.8603402	22.94940	-0.2125728	23.12404	-3.010180

LOADING 36

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	10.81154	0.8155370	-12.24363	-0.2445468	5.955591	1.819191
0.500		10.81154	0.8155370	1.800745	-0.2445468	-10.75740	-0.5254779
1.000		10.81154	0.8155370	22.94637	-0.2445468	23.11524	-2.870147

LOADING 37

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	9.343286	0.8674338	-12.08256	-0.2181706	5.457305	1.989890
0.500		9.343286	0.8674338	1.961815	-0.2181706	-10.79261	-0.5039822
1.000		9.343286	0.8674338	23.10744	-0.2181706	23.54311	-2.997854

LOADING 38

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	11.13283	0.8103053	-12.39819	-0.2382540	6.434853	1.771290
0.500		11.13283	0.8103053	1.646190	-0.2382540	-10.72248	-0.5583376
1.000		11.13283	0.8103053	22.79182	-0.2382540	22.70581	-2.887965

LOADING 39

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	10.73049	0.8385788	-12.24256	-0.2282719	5.952513	1.879500
0.500		10.73049	0.8385788	1.801813	-0.2282719	-10.75741	-0.5314144
1.000		10.73049	0.8385788	22.94744	-0.2282719	23.11831	-2.942328

LOADING 40 EX + ey: SISMA X positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-25.71892	2.298459	0.3881232	1.701718	-1.102684	5.866150
0.500		-25.71892	2.298459	0.3881232	1.701718	0.1316982E-01	-0.7419200
1.000		-25.71892	2.298459	0.3881232	1.701718	1.129024	-7.349990

LOADING 41 EX - ey: SISMA X positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-24.01900	2.709868	0.1253644	1.477733	-0.3475592	7.209036
0.500		-24.01900	2.709868	0.1253644	1.477733	0.1286344E-01	-0.5818338
1.000		-24.01900	2.709868	0.1253644	1.477733	0.3732861	-8.372704

LOADING 42 EY + ex: SISMA Y positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-39.69269	-0.5549087E-01	7.248924	0.2333176	-22.17450	-0.6771930E-01
0.500		-39.69269	-0.5549087E-01	7.248924	0.2333176	-1.333845	0.9181695E-01
1.000		-39.69269	-0.5549087E-01	7.248924	0.2333176	19.50681	0.2513532

LOADING 43 EY - ex: SISMA Y positivo, eccentricità negativa

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	-33.54581	0.1366261	6.182455	0.2778983	-18.95275	0.7501788	
0.500	-33.54581	0.1366261	6.182455	0.2778983	-1.178187	0.3573788	
1.000	-33.54581	0.1366261	6.182455	0.2778983	16.59637	-0.3542113E-01	

LOADING 44

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	-26.89623	3.120391	-9.679762	1.543442	-1.802522	7.725334	
0.500	-26.89623	3.120391	4.364614	1.543442	-11.14439	-1.245789	
1.000	-26.89623	3.120391	25.51024	1.543442	30.09937	-10.21691	

LOADING 45

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	-3.080618	3.153685	-14.02912	1.403451	11.50218	7.765966	
0.500	-3.080618	3.153685	0.1525917E-01	1.403451	-10.34408	-1.300879	
1.000	-3.080618	3.153685	21.16088	1.403451	18.39528	-10.36772	

LOADING 46

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	-25.05217	3.178026	-9.999703	1.556816	-0.8359949	7.970703	
0.500	-25.05217	3.178026	4.044673	1.556816	-11.09769	-1.166121	
1.000	-25.05217	3.178026	25.19030	1.556816	29.22624	-10.30295	

LOADING 47

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	-4.924681	3.096050	-13.70918	1.390077	10.53565	7.520597	
0.500	-4.924681	3.096050	0.3352000	1.390077	-10.39078	-1.380548	
1.000	-4.924681	3.096050	21.48083	1.390077	19.26842	-10.28169	

LOADING 48

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	24.54161	-1.476528	-10.45601	-1.859995	0.4028466	-4.006966
0.500		24.54161	-1.476528	3.588368	-1.859995	-11.17073	0.2380507
1.000		24.54161	-1.476528	24.73400	-1.859995	27.84133	4.483068

LOADING 49

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	48.35722	-1.443233	-14.80536	-1.999985	13.70755	-3.966335
0.500		48.35722	-1.443233	-0.7609872	-1.999985	-10.37042	0.1829605
1.000		48.35722	-1.443233	20.38464	-1.999985	16.13724	4.332256

LOADING 50

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	26.38567	-1.418892	-10.77595	-1.846621	1.369374	-3.761597
0.500		26.38567	-1.418892	3.268427	-1.846621	-11.12403	0.3177193
1.000		26.38567	-1.418892	24.41405	-1.846621	26.96819	4.397036

LOADING 51

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	46.51316	-1.500868	-14.48542	-2.013360	12.74102	-4.211704
0.500		46.51316	-1.500868	-0.4410464	-2.013360	-10.41712	0.1032920
1.000		46.51316	-1.500868	20.70458	-2.013360	17.01037	4.418288

LOADING 52

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-25.19632	3.531799	-9.942520	1.319456	-1.047397	9.068220
0.500		-25.19632	3.531799	4.101855	1.319456	-11.14470	-1.085703
1.000		-25.19632	3.531799	25.24748	1.319456	29.34364	-11.23963

LOADING 53

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-1.380703	3.565094	-14.29187	1.179466	12.25731	9.108851
0.500		-1.380703	3.565094	-0.2474996	1.179466	-10.34439	-1.140793
1.000		-1.380703	3.565094	20.89813	1.179466	17.63955	-11.39044

LOADING 54

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-23.35225	3.589434	-10.26246	1.332830	-0.8086975E-01	9.313590
0.500		-23.35225	3.589434	3.781914	1.332830	-11.09800	-1.006034
1.000		-23.35225	3.589434	24.92754	1.332830	28.47050	-11.32566

LOADING 55

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-3.224765	3.507459	-13.97193	1.166091	11.29078	8.863482
0.500		-3.224765	3.507459	0.7244116E-01	1.166091	-10.39109	-1.220462
1.000		-3.224765	3.507459	21.21807	1.166091	18.51268	-11.30441

LOADING 56

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	22.84169	-1.887936	-10.19325	-1.636009	-0.3522785	-5.349852
0.500		22.84169	-1.887936	3.851126	-1.636009	-11.17042	0.7796457E-01
1.000		22.84169	-1.887936	24.99675	-1.636009	28.59706	5.505781

LOADING 57

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	46.65730	-1.854642	-14.54260	-1.776000	12.95242	-5.309220
0.500		46.65730	-1.854642	-0.4982284	-1.776000	-10.37012	0.2287440E-01
1.000		46.65730	-1.854642	20.64740	-1.776000	16.89297	5.354969

LOADING 58

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	24.68575	-1.830301	-10.51319	-1.622635	0.6142486	-5.104483
0.500		24.68575	-1.830301	3.531186	-1.622635	-11.12372	0.1576331
1.000		24.68575	-1.830301	24.67681	-1.622635	27.72393	5.419749

LOADING 59

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	44.81324	-1.912277	-14.22266	-1.789374	11.98590	-5.554590
0.500		44.81324	-1.912277	-0.1782876	-1.789374	-10.41681	-0.5679417E-01
1.000		44.81324	-1.912277	20.96734	-1.789374	17.76611	5.441001

LOADING 60

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-36.67787	1.472626	-4.877201	0.5155612	-16.55279	3.571625
0.500		-36.67787	1.472626	9.167174	0.5155612	-12.08730	-0.6621734
1.000		-36.67787	1.472626	30.31280	0.5155612	42.96383	-4.895972

LOADING 61

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-21.24652	0.9355020E-01	-5.110075	-0.5054698	-15.89118	0.5193543E-01
0.500		-21.24652	0.9355020E-01	8.934300	-0.5054698	-12.09520	-0.2170214
1.000		-21.24652	0.9355020E-01	30.07993	-0.5054698	42.28641	-0.4859782

LOADING 62

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-36.16790	1.596048	-4.956028	0.4483655	-16.32626	3.974492
0.500		-36.16790	1.596048	9.088347	0.4483655	-12.08739	-0.6141475
1.000		-36.16790	1.596048	30.23397	0.4483655	42.73710	-5.202786

LOADING 63

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-21.75649	-0.2987240E-01	-5.031248	-0.4382742	-16.11772	-0.3509304
0.500		-21.75649	-0.2987240E-01	9.013128	-0.4382742	-12.09511	-0.2650473
1.000		-21.75649	-0.2987240E-01	30.15875	-0.4382742	42.51313	-0.1791641

LOADING 64

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	42.70750	1.583607	-19.37505	0.4892589E-01	27.79621	3.707064
0.500		42.70750	1.583607	-5.330674	0.4892589E-01	-9.419609	-0.8458074
1.000		42.70750	1.583607	15.81495	0.4892589E-01	3.950200	-5.398679

LOADING 65

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	58.13886	0.2045319	-19.60792	-0.9721051	28.45782	0.1873740
0.500		58.13886	0.2045319	-5.563548	-0.9721051	-9.427511	-0.4006553
1.000		58.13886	0.2045319	15.58208	-0.9721051	3.272785	-0.9886846

LOADING 66

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	43.21748	1.707030	-19.45388	-0.1826975E-01	28.02275	4.109930
0.500		43.21748	1.707030	-5.409502	-0.1826975E-01	-9.419701	-0.7977815
1.000		43.21748	1.707030	15.73612	-0.1826975E-01	3.723479	-5.705493

LOADING 67

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	57.62888	0.8110934E-01	-19.52909	-0.9049094	28.23129	-0.2154918
0.500		57.62888	0.8110934E-01	-5.484720	-0.9049094	-9.427420	-0.4486811
1.000		57.62888	0.8110934E-01	15.66091	-0.9049094	3.499507	-0.6818705

LOADING 68

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-30.53100	1.664743	-5.943670	0.5601419	-13.33104	4.389524
0.500		-30.53100	1.664743	8.100705	0.5601419	-11.93164	-0.3966115
1.000		-30.53100	1.664743	29.24633	0.5601419	40.05338	-5.182747

LOADING 69

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-15.09964	0.2856671	-6.176544	-0.4608891	-12.66943	0.8698335
0.500		-15.09964	0.2856671	7.867832	-0.4608891	-11.93954	0.4854048E-01
1.000		-15.09964	0.2856671	29.01346	-0.4608891	39.37597	-0.7727525

LOADING 70

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-30.02102	1.788165	-6.022498	0.4929462	-13.10450	4.792389
0.500		-30.02102	1.788165	8.021877	0.4929462	-11.93173	-0.3485857
1.000		-30.02102	1.788165	29.16750	0.4929462	39.82666	-5.489561

LOADING 71

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-15.60962	0.1622445	-6.097717	-0.3936934	-12.89596	0.4669677
0.500		-15.60962	0.1622445	7.946659	-0.3936934	-11.93945	0.5146336E-03
1.000		-15.60962	0.1622445	29.09229	-0.3936934	39.60269	-0.4659385

LOADING 72

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	36.56063	1.391491	-18.30858	0.4345187E-02	24.57445	2.889166
0.500		36.56063	1.391491	-4.264205	0.4345187E-02	-9.575268	-1.111369
1.000		36.56063	1.391491	16.88142	0.4345187E-02	6.860641	-5.111905

LOADING 73

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	51.99199	0.1241499E-01	-18.54145	-1.016686	25.23606	-0.6305240
0.500		51.99199	0.1241499E-01	-4.497079	-1.016686	-9.583169	-0.6662172
1.000		51.99199	0.1241499E-01	16.64855	-1.016686	6.183227	-0.7019103

LOADING 74

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	37.07061	1.514913	-18.38741	-0.6285046E-01	24.80099	3.292032
0.500		37.07061	1.514913	-4.343032	-0.6285046E-01	-9.575359	-1.063343
1.000		37.07061	1.514913	16.80260	-0.6285046E-01	6.633920	-5.418719

LOADING 75

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	51.48201	-0.1110076	-18.46263	-0.9494902	25.00953	-1.033390
0.500		51.48201	-0.1110076	-4.418251	-0.9494902	-9.583077	-0.7142431
1.000		51.48201	-0.1110076	16.72738	-0.9494902	6.409948	-0.3950962

--- MEMBER 36 ---

LOADING 1 G1 - PESI PROPRI STRUTTURALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	2.965755	-0.5830084	-10.38042	0.2198847	11.74656	-2.069834
0.500		2.965755	-0.5830084	-1.755424	0.2198847	-5.698720	-0.3936847
1.000		2.965755	-0.5830084	6.869576	0.2198847	1.652873	1.282465

LOADING 2 G2 - SOVRACCARICHI PERMANENTI PORTATI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	7.764851	-0.2555769	-12.56699	0.8389940E-02	11.37167	-0.8727950
0.500		7.764851	-0.2555769	-0.4636193E-01	0.8389940E-02	-5.058682	-0.1380113
1.000		7.764851	-0.2555769	5.373013	0.8389940E-02	4.299721	0.5967723

LOADING 3 Qk - SOVRACCARICHI ACCIDENTALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	3.733674	-0.6631715E-01	-0.8442295E-01	0.9168227E-02	0.1360426	-0.2294489
0.500		3.733674	-0.6631715E-01	-0.8442295E-01	0.9168227E-02	-0.1066734	-0.3878712E-01
1.000		3.733674	-0.6631715E-01	-0.8442295E-01	0.9168227E-02	-0.3493894	0.1518747

LOADING 4 Qn - NEVE

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	3.032187	-0.1067547	-0.1717339	0.2726817E-01	0.3222246	-0.3728007
0.500		3.032187	-0.1067547	-0.1717339	0.2726817E-01	-0.1715104	-0.6588078E-01
1.000		3.032187	-0.1067547	-0.1717339	0.2726817E-01	-0.6652454	0.2410391

LOADING 5 Qv (+X) - VENTO IN DIREZIONE X, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-0.9194433	-0.1087723	-0.9920451E-02	-0.7848731E-01	0.2900148E-01	-0.3391205
0.500		-0.9194433	-0.1087723	-0.9920451E-02	-0.7848731E-01	0.4801831E-03	-0.2640014E-01
1.000		-0.9194433	-0.1087723	-0.9920451E-02	-0.7848731E-01	-0.2804111E-01	0.2863202

LOADING 6 Qv (-X) - VENTO IN DIREZIONE X, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	0.4061613	0.1151568	0.5503869E-02	0.8136296E-01	-0.1577622E-01	0.3607310
0.500		0.4061613	0.1151568	0.5503869E-02	0.8136296E-01	0.4740883E-04	0.2965530E-01
1.000		0.4061613	0.1151568	0.5503869E-02	0.8136296E-01	0.1587103E-01	-0.3014204

LOADING 7 Qv (+Y) - VENTO IN DIREZIONE Y, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	2.060718	0.1411957	0.7752506	0.4992117E-01	-2.057452	0.2713732
0.500		2.060718	0.1411957	0.7752506	0.4992117E-01	0.1713931	-0.1345646
1.000		2.060718	0.1411957	0.7752506	0.4992117E-01	2.400239	-0.5405024

LOADING 8 Qv (-Y) - VENTO IN DIREZIONE Y, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-6.985085	-0.1441062	-0.7971390	-0.5051828E-01	2.118979	-0.2771931
0.500		-6.985085	-0.1441062	-0.7971390	-0.5051828E-01	-0.1727954	0.1371121
1.000		-6.985085	-0.1441062	-0.7971390	-0.5051828E-01	-2.464570	0.5514173

LOADING 9

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	20.99694	-1.367598	-30.09600	0.2603219	30.52553	-4.754400
0.500		20.99694	-1.367598	-2.606685	0.2603219	-14.27283	-0.8225562
1.000		20.99694	-1.367598	15.65100	0.2603219	6.690116	3.109287

LOADING 10

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	22.18998	-1.166062	-30.08212	0.4041871	30.48523	-4.124533
0.500		22.18998	-1.166062	-2.592803	0.4041871	-14.27322	-0.7721063
1.000		22.18998	-1.166062	15.66488	0.4041871	6.729637	2.580321

LOADING 11

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	23.67908	-1.142626	-29.38935	0.3758895	28.64772	-4.204955
0.500		23.67908	-1.142626	-1.900031	0.3758895	-14.11901	-0.9199042
1.000		23.67908	-1.142626	16.35766	0.3758895	8.875568	2.365147

LOADING 12

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	15.53786	-1.399398	-30.80449	0.2854940	32.40651	-4.698665
0.500		15.53786	-1.399398	-3.315182	0.2854940	-14.42878	-0.6753951
1.000		15.53786	-1.399398	14.94251	0.2854940	4.497241	3.347875

LOADING 13

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	17.67057	-1.348188	-30.09817	0.2670207	30.56314	-4.689826
0.500		17.67057	-1.348188	-2.608851	0.2670207	-14.24146	-0.8137861
1.000		17.67057	-1.348188	15.64884	0.2670207	6.715267	3.062255

LOADING 14

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	18.86361	-1.146652	-30.08428	0.4108859	30.52284	-4.059961
0.500		18.86361	-1.146652	-2.594969	0.4108859	-14.24185	-0.7633362
1.000		18.86361	-1.146652	15.66272	0.4108859	6.754787	2.533288

LOADING 15

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	20.35271	-1.123217	-29.39151	0.3825883	28.68533	-4.140382
0.500		20.35271	-1.123217	-1.902197	0.3825883	-14.08764	-0.9111341
1.000		20.35271	-1.123217	16.35549	0.3825883	8.900719	2.318114

LOADING 16

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	12.21149	-1.379989	-30.80666	0.2921928	32.44411	-4.634092
0.500		12.21149	-1.379989	-3.317348	0.2921928	-14.39740	-0.6666251
1.000		12.21149	-1.379989	14.94034	0.2921928	4.522390	3.300842

LOADING 17

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	14.84476	-1.333385	-29.97532	0.1994772	30.33887	-4.613698
0.500		14.84476	-1.333385	-2.486003	0.1994772	-14.11254	-0.7802156
1.000		14.84476	-1.333385	15.77168	0.1994772	7.197376	3.053267

LOADING 18

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	16.83317	-0.9974918	-29.95218	0.4392526	30.27170	-3.563921
0.500		16.83317	-0.9974918	-2.462867	0.4392526	-14.11318	-0.6961325
1.000		16.83317	-0.9974918	15.79482	0.4392526	7.263244	2.171656

LOADING 19

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	19.31500	-0.9584333	-28.79756	0.3920899	27.20919	-3.697958
0.500		19.31500	-0.9584333	-1.308246	0.3920899	-13.85617	-0.9424622
1.000		19.31500	-0.9584333	16.94944	0.3920899	10.83980	1.813033

LOADING 20

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	5.746299	-1.386386	-31.15615	0.2414307	33.47383	-4.520808
0.500		5.746299	-1.386386	-3.666831	0.2414307	-14.37245	-0.5349472
1.000		5.746299	-1.386386	14.59086	0.2414307	3.542582	3.450913

LOADING 21

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	15.42871	-1.023543	-23.12365	0.2039846	23.43279	-3.561950
0.500		15.42871	-1.023543	-1.978028	0.2039846	-10.94954	-0.6192636
1.000		15.42871	-1.023543	12.06635	0.2039846	5.253757	2.323423

LOADING 22

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	16.22407	-0.8891857	-23.11440	0.2998947	23.40592	-3.142039
0.500		16.22407	-0.8891857	-1.968774	0.2998947	-10.94980	-0.5856304
1.000		16.22407	-0.8891857	12.07560	0.2998947	5.280105	1.970779

LOADING 23

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	17.21680	-0.8735624	-22.65255	0.2810296	22.18091	-3.195654
0.500		17.21680	-0.8735624	-1.506926	0.2810296	-10.84700	-0.6841623
1.000		17.21680	-0.8735624	12.53745	0.2810296	6.710725	1.827330

LOADING 24

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	11.78932	-1.044744	-23.59599	0.2207660	24.68677	-3.524794
0.500		11.78932	-1.044744	-2.450360	0.2207660	-11.05351	-0.5211563
1.000		11.78932	-1.044744	11.59402	0.2207660	3.791839	2.482481

LOADING 25

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	13.21113	-1.010603	-23.12510	0.2084504	23.45786	-3.518902
0.500		13.21113	-1.010603	-1.979472	0.2084504	-10.92863	-0.6134169
1.000		13.21113	-1.010603	12.06490	0.2084504	5.270524	2.292068

LOADING 26

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	14.00649	-0.8762460	-23.11584	0.3043606	23.43099	-3.098991
0.500		14.00649	-0.8762460	-1.970218	0.3043606	-10.92888	-0.5797836
1.000		14.00649	-0.8762460	12.07416	0.3043606	5.296871	1.939424

LOADING 27

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	14.99922	-0.8606226	-22.65400	0.2854955	22.20598	-3.152606
0.500		14.99922	-0.8606226	-1.508370	0.2854955	-10.82608	-0.6783156
1.000		14.99922	-0.8606226	12.53601	0.2854955	6.727492	1.795974

LOADING 28

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	9.571741	-1.031804	-23.59743	0.2252318	24.71184	-3.481745
0.500		9.571741	-1.031804	-2.451803	0.2252318	-11.03259	-0.5153095
1.000		9.571741	-1.031804	11.59257	0.2252318	3.808606	2.451126

LOADING 29

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	11.32726	-1.000735	-23.04320	0.1634214	23.30834	-3.468149
0.500		11.32726	-1.000735	-1.897574	0.1634214	-10.84268	-0.5910366
1.000		11.32726	-1.000735	12.14680	0.1634214	5.591930	2.286077

LOADING 30

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	12.65286	-0.7768059	-23.02778	0.3232717	23.26357	-2.768298
0.500		12.65286	-0.7768059	-1.882149	0.3232717	-10.84311	-0.5349811
1.000		12.65286	-0.7768059	12.16223	0.3232717	5.635842	1.698336

LOADING 31

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	14.30742	-0.7507669	-22.25803	0.2918299	21.22189	-2.857656
0.500		14.30742	-0.7507669	-1.112403	0.2918299	-10.67176	-0.6992010
1.000		14.30742	-0.7507669	12.93197	0.2918299	8.020209	1.459254

LOADING 32

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	5.261614	-1.036069	-23.83042	0.1913904	25.39832	-3.406222
0.500		5.261614	-1.036069	-2.684792	0.1913904	-11.01595	-0.4275243
1.000		5.261614	-1.036069	11.35958	0.1913904	3.155401	2.551174

LOADING 33

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	10.73061	-0.8385853	-22.94741	0.2282746	23.11823	-2.942629
0.500		10.73061	-0.8385853	-1.801786	0.2282746	-10.75740	-0.5316960
1.000		10.73061	-0.8385853	12.24259	0.2282746	5.952594	1.879237

LOADING 34

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	11.33704	-0.8599362	-22.98176	0.2337282	23.18267	-3.017189
0.500		11.33704	-0.8599362	-1.836133	0.2337282	-10.79171	-0.5448722
1.000		11.33704	-0.8599362	12.20824	0.2337282	5.819545	1.927445

LOADING 35

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	10.54672	-0.8603398	-22.94940	0.2125772	23.12403	-3.010453
0.500		10.54672	-0.8603398	-1.803770	0.2125772	-10.75731	-0.5369760
1.000		10.54672	-0.8603398	12.24061	0.2125772	5.946986	1.936501

LOADING 36

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	10.81184	-0.8155540	-22.94631	0.2445472	23.11507	-2.870482
0.500		10.81184	-0.8155540	-1.800686	0.2445472	-10.75739	-0.5257649
1.000		10.81184	-0.8155540	12.24369	0.2445472	5.955768	1.818953

LOADING 37

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	11.14275	-0.8103461	-22.79236	0.2382589	22.70674	-2.888354
0.500		11.14275	-0.8103461	-1.646736	0.2382589	-10.72312	-0.5586089
1.000		11.14275	-0.8103461	12.39764	0.2382589	6.432642	1.771136

LOADING 38

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	9.333589	-0.8674065	-23.10684	0.2181710	23.54203	-2.998067
0.500		9.333589	-0.8674065	-1.961214	0.2181710	-10.79196	-0.5042736
1.000		9.333589	-0.8674065	12.08316	0.2181710	5.459680	1.989520

LOADING 39

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	10.73061	-0.8385853	-22.94741	0.2282746	23.11823	-2.942629
0.500		10.73061	-0.8385853	-1.801786	0.2282746	-10.75740	-0.5316960
1.000		10.73061	-0.8385853	12.24259	0.2282746	5.952594	1.879237

LOADING 40 EX + ey: SISMA X positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-24.03248	-2.709661	-0.1276714	-1.478241	0.3792414	-8.371209
0.500		-24.03248	-2.709661	-0.1276714	-1.478241	0.1218614E-01	-0.5809331
1.000		-24.03248	-2.709661	-0.1276714	-1.478241	-0.3548691	7.209343

LOADING 41 EX - ey: SISMA X positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-25.72503	-2.297672	-0.3894396	-1.701345	1.132951	-7.346617
0.500		-25.72503	-2.297672	-0.3894396	-1.701345	0.1331204E-01	-0.7408092
1.000		-25.72503	-2.297672	-0.3894396	-1.701345	-1.106327	5.864999

LOADING 42 EY + ex: SISMA Y positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	40.20577	-0.5806064E-01	7.222909	0.2341615	-19.46194	-0.2570702
0.500		40.20577	-0.5806064E-01	7.222909	0.2341615	1.303923	-0.9014582E-01
1.000		40.20577	-0.5806064E-01	7.222909	0.2341615	22.06979	0.7677852E-01

LOADING 43 EY - ex: SISMA Y positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	33.95716	0.1344195	6.160077	0.2778029	-16.55746	0.3043681E-01
0.500		33.95716	0.1344195	6.160077	0.2778029	1.152760	-0.3560193
1.000		33.95716	0.1344195	6.160077	0.2778029	18.86298	-0.7424754

LOADING 44

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-1.240144	-3.565665	-20.90821	-1.179718	17.65889	-11.39096
0.500		-1.240144	-3.565665	0.2374153	-1.179718	-10.35404	-1.139673
1.000		-1.240144	-3.565665	14.28179	-1.179718	12.21866	9.111613

LOADING 45

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-25.36361	-3.530828	-25.24196	-1.320215	29.33605	-11.23672
0.500		-25.36361	-3.530828	-4.096330	-1.320215	-11.13639	-1.085585
1.000		-25.36361	-3.530828	9.948046	-1.320215	-1.023212	9.065546

LOADING 46

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-3.114727	-3.507921	-21.22706	-1.166625	18.53023	-11.30471
0.500		-3.114727	-3.507921	-0.8143439E-01	-1.166625	-10.39939	-1.219435
1.000		-3.114727	-3.507921	13.96294	-1.166625	11.25662	8.865837

LOADING 47

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-23.48903	-3.588572	-24.92311	-1.333307	28.46471	-11.32297
0.500		-23.48903	-3.588572	-3.777481	-1.333307	-11.09104	-1.005823
1.000		-23.48903	-3.588572	10.26690	-1.333307	-0.6117015E-01	9.311322

LOADING 48

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	46.82482	1.853658	-20.65287	1.776764	16.90041	5.351460
0.500		46.82482	1.853658	0.4927581	1.776764	-10.37841	0.2219335E-01
1.000		46.82482	1.853658	14.53713	1.776764	12.92840	-5.307073

LOADING 49

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	22.70135	1.888494	-24.98661	1.636267	28.57757	5.505701
0.500		22.70135	1.888494	-3.840988	1.636267	-11.16077	0.7628085E-01
1.000		22.70135	1.888494	10.20339	1.636267	-0.3134737	-5.353139

LOADING 50

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	44.95023	1.911402	-20.97172	1.789856	17.77175	5.437711
0.500		44.95023	1.911402	0.1739084	1.789856	-10.42376	-0.5756870E-01
1.000		44.95023	1.911402	14.21828	1.789856	11.96636	-5.552849

LOADING 51

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	24.57594	1.830750	-24.66776	1.623174	27.70623	5.419449
0.500		24.57594	1.830750	-3.522138	1.623174	-11.11542	0.1560429
1.000		24.57594	1.830750	10.52224	1.623174	0.6485681	-5.107363

LOADING 52

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-2.932694	-3.153676	-21.16998	-1.402822	18.41260	-10.36637
0.500		-2.932694	-3.153676	-0.2435291E-01	-1.402822	-10.35291	-1.299549
1.000		-2.932694	-3.153676	14.02002	-1.402822	11.46721	7.767269

LOADING 53

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-27.05616	-3.118840	-25.50373	-1.543319	30.08977	-10.21212
0.500		-27.05616	-3.118840	-4.358099	-1.543319	-11.13527	-1.245461
1.000		-27.05616	-3.118840	9.686277	-1.543319	-1.774670	7.721202

LOADING 54

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-4.807277	-3.095932	-21.48883	-1.389730	19.28394	-10.28012
0.500		-4.807277	-3.095932	-0.3432026	-1.389730	-10.39826	-1.379311
1.000		-4.807277	-3.095932	13.70117	-1.389730	10.50516	7.521493

LOADING 55

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-25.18158	-3.176584	-25.18488	-1.556411	29.21842	-10.29838
0.500		-25.18158	-3.176584	-4.039249	-1.556411	-11.08992	-1.165699
1.000		-25.18158	-3.176584	10.00513	-1.556411	-0.8126279	7.966979

LOADING 56

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	48.51737	1.441669	-20.39110	1.999868	16.14670	4.326867
0.500		48.51737	1.441669	0.7545263	1.999868	-10.37954	0.1820694
1.000		48.51737	1.441669	14.79890	1.999868	13.67986	-3.962729

LOADING 57

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	24.39391	1.476505	-24.72485	1.859371	27.82386	4.481110
0.500		24.39391	1.476505	-3.579220	1.859371	-11.16189	0.2361569
1.000		24.39391	1.476505	10.46516	1.859371	0.4379840	-4.008796

LOADING 58

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	46.64279	1.499413	-20.70995	2.012961	17.01804	4.413119
0.500		46.64279	1.499413	0.4356766	2.012961	-10.42489	0.1023073
1.000		46.64279	1.499413	14.48005	2.012961	12.71782	-4.208505

LOADING 59

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	26.26849	1.418761	-24.40600	1.846279	26.95252	4.394857
0.500		26.26849	1.418761	-3.260370	1.846279	-11.11654	0.3159190
1.000		26.26849	1.418761	10.78401	1.846279	1.400026	-3.763020

LOADING 60

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	43.72663	-1.709544	-15.76280	0.1896390E-01	3.770061	-5.711062
0.500		43.72663	-1.709544	5.382822	0.1896390E-01	-9.449823	-0.7961218
1.000		43.72663	-1.709544	19.42720	0.1896390E-01	27.91592	4.118818

LOADING 61

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	58.14612	-0.8374757E-01	-15.68620	0.9059083	3.542516	-0.6883362
0.500		58.14612	-0.8374757E-01	5.459424	0.9059083	-9.457135	-0.4475619
1.000		58.14612	-0.8374757E-01	19.50380	0.9059083	28.12884	-0.2067876

LOADING 62

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	43.21887	-1.585948	-15.84134	-0.4796744E-01	3.996174	-5.403684
0.500		43.21887	-1.585948	5.304291	-0.4796744E-01	-9.449486	-0.8440846
1.000		43.21887	-1.585948	19.34867	-0.4796744E-01	27.69048	3.715515

LOADING 63

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	58.65389	-0.2073442	-15.60767	0.9728397	3.316403	-0.9957137
0.500		58.65389	-0.2073442	5.537955	0.9728397	-9.457472	-0.3995991
1.000		58.65389	-0.2073442	19.58233	0.9728397	28.35428	0.1965156

LOADING 64

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-36.68491	-1.593423	-30.20862	-0.4493590	42.69394	-5.196921
0.500		-36.68491	-1.593423	-9.062997	-0.4493590	-12.05767	-0.6158301
1.000		-36.68491	-1.593423	4.981379	-0.4493590	-16.22366	3.965261

LOADING 65

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-22.26542	0.3237370E-01	-30.13202	0.4375854	42.46640	-0.1741959
0.500		-22.26542	0.3237370E-01	-8.986394	0.4375854	-12.06498	-0.2672702
1.000		-22.26542	0.3237370E-01	5.057981	0.4375854	-16.01073	-0.3603447

LOADING 66

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-37.19268	-1.469826	-30.28715	-0.5162903	42.92006	-4.889544
0.500		-37.19268	-1.469826	-9.141527	-0.5162903	-12.05733	-0.6637930
1.000		-37.19268	-1.469826	4.902848	-0.5162903	-16.44909	3.561958

LOADING 67

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-21.75766	-0.9122296E-01	-30.05349	0.5045167	42.24029	-0.4815735
0.500		-21.75766	-0.9122296E-01	-8.907864	0.5045167	-12.06532	-0.2193075
1.000		-21.75766	-0.9122296E-01	5.136512	0.5045167	-15.78530	0.4295855E-01

LOADING 68

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	37.47802	-1.517064	-16.82564	0.6260536E-01	6.674541	-5.423555
0.500		37.47802	-1.517064	4.319990	0.6260536E-01	-9.600986	-1.061995
1.000		37.47802	-1.517064	18.36436	0.6260536E-01	24.70912	3.299564

LOADING 69

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	51.89751	0.1087326	-16.74903	0.9495498	6.446996	-0.4008292
0.500		51.89751	0.1087326	4.396593	0.9495498	-9.608298	-0.7134354
1.000		51.89751	0.1087326	18.44097	0.9495498	24.92204	-1.026042

LOADING 70

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	36.97026	-1.393468	-16.90417	-0.4325971E-02	6.900654	-5.116177
0.500		36.97026	-1.393468	4.241459	-0.4325971E-02	-9.600649	-1.109958
1.000		36.97026	-1.393468	18.28584	-0.4325971E-02	24.48368	2.896261

LOADING 71

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	52.40528	-0.1486407E-01	-16.67050	1.016481	6.220883	-0.7082068
0.500		52.40528	-0.1486407E-01	4.475123	1.016481	-9.608636	-0.6654726
1.000		52.40528	-0.1486407E-01	18.51950	1.016481	25.14747	-0.6227384

LOADING 72

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-30.43630	-1.785903	-29.14579	-0.4930005	39.78946	-5.484429
0.500		-30.43630	-1.785903	-8.000165	-0.4930005	-11.90651	-0.3499566
1.000		-30.43630	-1.785903	6.044211	-0.4930005	-13.01685	4.784515

LOADING 73

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-16.01681	-0.1601065	-29.06919	0.3939439	39.56192	-0.4617028
0.500		-16.01681	-0.1601065	-7.923562	0.3939439	-11.91382	-0.1396763E-02
1.000		-16.01681	-0.1601065	6.120814	0.3939439	-12.80393	0.4589093

LOADING 74

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-30.94407	-1.662307	-29.22432	-0.5599319	40.01558	-5.177051
0.500		-30.94407	-1.662307	-8.078695	-0.5599319	-11.90617	-0.3979194
1.000		-30.94407	-1.662307	5.965680	-0.5599319	-13.24229	4.381212

LOADING 75

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-15.50905	-0.2837031	-28.99066	0.4608752	39.33581	-0.7690804
0.500		-15.50905	-0.2837031	-7.845032	0.4608752	-11.91416	0.4656605E-01
1.000		-15.50905	-0.2837031	6.199345	0.4608752	-12.57849	0.8622125

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LOADING 1 G1 - PESI PROPRI STRUTTURALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-15.37922	16.88879	-4.941369	-1.417452	8.163369	12.12258
0.500		-7.344024	-1.741209	-4.941369	-1.417452	-7.308108	-11.59104
1.000		0.6911759	-20.37121	-4.941369	-1.417452	-22.77959	23.02607

LOADING 2 G2 - SOVRACCARICHI PERMANENTI PORTATI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-13.44287	5.436775	-1.602762	-0.4672916	2.552588	3.152339
0.500		-10.76447	-0.7732257	-1.602762	-0.4672916	-2.465676	-4.148470
1.000		-8.086067	-6.983226	-1.602762	-0.4672916	-7.483939	7.994294

LOADING 3 Qk - SOVRACCARICHI ACCIDENTALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-5.245100	1.646752	-0.4657604	-0.1422264	0.7299656	1.427947
0.500		-4.501100	-0.7824841E-01	-0.4657604	-0.1422264	-0.7283350	-1.027553
1.000		-3.757100	-1.803249	-0.4657604	-0.1422264	-2.186635	1.917940

LOADING 4 Qn - NEVE

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-5.059810	2.600184	-0.8299214	-0.2511089	1.330557	2.175304
0.500		-3.869410	-0.1598159	-0.8299214	-0.2511089	-1.267936	-1.645105
1.000		-2.679010	-2.919816	-0.8299214	-0.2511089	-3.866427	3.176074

LOADING 5 Qv (+X) - VENTO IN DIREZIONE X, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-0.3393085	0.4105917E-02	0.1109859	-0.9085465E-01	-0.4297912	0.1286630E-01
0.500		-0.3393085	0.4105917E-02	0.1109859	-0.9085465E-01	-0.8229332E-01	0.1062796E-04
1.000		-0.3393085	0.4105917E-02	0.1109859	-0.9085465E-01	0.2652045	-0.1284504E-01

LOADING 6 Qv (-X) - VENTO IN DIREZIONE X, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	0.9509642	-0.9508362E-02	-0.9019645E-01	0.1005832	0.4186569	-0.2917444E-01
0.500		0.9509642	-0.9508362E-02	-0.9019645E-01	0.1005832	0.1362510	0.5963407E-03
1.000		0.9509642	-0.9508362E-02	-0.9019645E-01	0.1005832	-0.1461550	0.3036712E-01

LOADING 7 Qv (+Y) - VENTO IN DIREZIONE Y, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-6.172213	-0.4068398	-1.258372	-0.8291645E-01	3.717835	-1.980191
0.500		-6.172213	-0.4068398	-1.258372	-0.8291645E-01	-0.2221397	-0.7063712
1.000		-6.172213	-0.4068398	-1.258372	-0.8291645E-01	-4.162115	0.5674483

LOADING 8 Qv (-Y) - VENTO IN DIREZIONE Y, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	3.922661	0.3801468	1.242990	0.7693931E-01	-3.671320	1.894940
0.500		3.922661	0.3801468	1.242990	0.7693931E-01	0.2204943	0.7046963
1.000		3.922661	0.3801468	1.242990	0.7693931E-01	4.112308	-0.4855472

LOADING 9

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-49.43660	33.44720	-9.728564	-2.933608	15.63680	23.64238
0.500		-33.50012	-3.502305	-9.728564	-2.933608	-14.82344	-23.23651
1.000		-17.56364	-40.45181	-9.728564	-2.933608	-45.28367	45.57388

LOADING 10

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-48.27536	33.43494	-9.909629	-2.761314	16.40040	23.60454
0.500		-32.33888	-3.514557	-9.909629	-2.761314	-14.62675	-23.23598
1.000		-16.40240	-40.46406	-9.909629	-2.761314	-45.65390	45.61277

LOADING 11

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-54.68621	33.07734	-10.96099	-2.926463	19.36966	21.84862
0.500		-38.74974	-3.872156	-10.96099	-2.926463	-14.94930	-23.87225
1.000		-22.81326	-40.82166	-10.96099	-2.926463	-49.26826	46.09614

LOADING 12

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-45.60083	33.78563	-8.709761	-2.782593	12.71942	25.33624
0.500		-29.66435	-3.163868	-8.709761	-2.782593	-14.55093	-22.60229
1.000		-13.72787	-40.11337	-8.709761	-2.782593	-41.82128	45.14845

LOADING 13

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-45.36381	32.92721	-9.652365	-2.908600	15.53977	23.13193
0.500		-29.65053	-3.504794	-9.652365	-2.908600	-14.68189	-22.92901
1.000		-13.93725	-39.93679	-9.652365	-2.908600	-44.90354	45.07902

LOADING 14

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-44.20256	32.91496	-9.833429	-2.736306	16.30337	23.09410
0.500		-28.48928	-3.517047	-9.833429	-2.736306	-14.48520	-22.92848
1.000		-12.77601	-39.94905	-9.833429	-2.736306	-45.27376	45.11791

LOADING 15

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-50.61342	32.55736	-10.88479	-2.901455	19.27263	21.33818
0.500		-34.90014	-3.874645	-10.88479	-2.901455	-14.80775	-23.56475
1.000		-19.18686	-40.30665	-10.88479	-2.901455	-48.88813	45.60129

LOADING 16

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-41.52803	33.26564	-8.633561	-2.757585	12.62239	24.82580
0.500		-25.81476	-3.166357	-8.633561	-2.757585	-14.40938	-22.29479
1.000		-10.10148	-39.59836	-8.633561	-2.757585	-41.44115	44.65359

LOADING 17

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-41.77254	30.97953	-8.963332	-2.774781	14.28397	21.50817
0.500		-26.95206	-3.382468	-8.963332	-2.774781	-13.78031	-21.69517
1.000		-12.13158	-37.74447	-8.963332	-2.774781	-41.84459	42.68926

LOADING 18

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-39.83713	30.95911	-9.265105	-2.487624	15.55665	21.44511
0.500		-25.01665	-3.402890	-9.265105	-2.487624	-13.45249	-21.69429
1.000		-10.19617	-37.76489	-9.265105	-2.487624	-42.46164	42.75408

LOADING 19

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-50.52189	30.36311	-11.01737	-2.762874	20.50541	18.51859
0.500		-35.70142	-3.998887	-11.01737	-2.762874	-13.99008	-22.75474
1.000		-20.88093	-38.36089	-11.01737	-2.762874	-48.48557	43.55970

LOADING 20

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-35.37959	31.54359	-7.265326	-2.523090	9.421682	24.33128
0.500		-20.55910	-2.818407	-7.265326	-2.523090	-13.32613	-20.63814
1.000		-5.738625	-37.18041	-7.265326	-2.523090	-36.07394	41.98021

LOADING 21

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-36.80068	25.27487	-7.358261	-2.207037	11.85333	17.79824
0.500		-24.74788	-2.670128	-7.358261	-2.207037	-11.18546	-17.58961
1.000		-12.69508	-30.61513	-7.358261	-2.207037	-34.22425	34.51863

LOADING 22

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-36.02652	25.26670	-7.478970	-2.092175	12.36240	17.77301
0.500		-23.97372	-2.678296	-7.478970	-2.092175	-11.05434	-17.58925
1.000		-11.92092	-30.62330	-7.478970	-2.092175	-34.47107	34.54456

LOADING 23

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-40.30042	25.02831	-8.179875	-2.202275	14.34190	16.60241
0.500		-28.24763	-2.916695	-8.179875	-2.202275	-11.26937	-18.01344
1.000		-16.19482	-30.86170	-8.179875	-2.202275	-36.88065	34.86681

LOADING 24

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-34.24350	25.50050	-6.679059	-2.106361	9.908409	18.92748
0.500		-22.19070	-2.444503	-6.679059	-2.106361	-11.00379	-17.16679
1.000		-10.13790	-30.38951	-6.679059	-2.106361	-31.91599	34.23501

LOADING 25

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-34.08549	24.92821	-7.307461	-2.190366	11.78864	17.45794
0.500		-22.18149	-2.671788	-7.307461	-2.190366	-11.09110	-17.38461
1.000		-10.27749	-30.27179	-7.307461	-2.190366	-33.97083	34.18873

LOADING 26

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-33.31133	24.92004	-7.428171	-2.075503	12.29771	17.43272
0.500		-21.40732	-2.679956	-7.428171	-2.075503	-10.95997	-17.38425
1.000		-9.503323	-30.27996	-7.428171	-2.075503	-34.21764	34.21466

LOADING 27

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-37.58523	24.68165	-8.129075	-2.185603	14.27722	16.26211
0.500		-25.68123	-2.918355	-8.129075	-2.185603	-11.17500	-17.80844
1.000		-13.77723	-30.51835	-8.129075	-2.185603	-36.62722	34.53691

LOADING 28

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-31.52831	25.15384	-6.628258	-2.089689	9.843722	18.58719
0.500		-19.62430	-2.446163	-6.628258	-2.089689	-10.90942	-16.96179
1.000		-7.720304	-30.04616	-6.628258	-2.089689	-31.66257	33.90511

LOADING 29

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-31.69131	23.62976	-6.848106	-2.101153	10.95144	16.37544
0.500		-20.38251	-2.590237	-6.848106	-2.101153	-10.49004	-16.56205
1.000		-9.073705	-28.81024	-6.848106	-2.101153	-31.93154	32.59556

LOADING 30

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-30.40103	23.61615	-7.049288	-1.909715	11.79989	16.33340
0.500		-19.09223	-2.603851	-7.049288	-1.909715	-10.27150	-16.56146
1.000		-7.783432	-28.82385	-7.049288	-1.909715	-32.34290	32.63877

LOADING 31

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-37.52421	23.21882	-8.217463	-2.093215	15.09907	14.38238
0.500		-26.21541	-3.001183	-8.217463	-2.093215	-10.62989	-17.26843
1.000		-14.90661	-29.22118	-8.217463	-2.093215	-36.35885	33.17585

LOADING 32

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-27.42933	24.00580	-5.716102	-1.933359	7.709916	18.25751
0.500		-16.12053	-2.214196	-5.716102	-1.933359	-10.18726	-15.85736
1.000		-4.811736	-28.43420	-5.716102	-1.933359	-28.08443	32.12286

LOADING 33

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-28.82209	22.32557	-6.544131	-1.884744	10.71596	15.27492
0.500		-18.10849	-2.514435	-6.544131	-1.884744	-9.773784	-15.73951
1.000		-7.394891	-27.35444	-6.544131	-1.884744	-30.26353	31.02037

LOADING 34

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-29.83405	22.84560	-6.710115	-1.934966	10.98207	15.70998
0.500		-18.88237	-2.546398	-6.710115	-1.934966	-10.02737	-16.06853
1.000		-7.930694	-27.93840	-6.710115	-1.934966	-31.03681	31.65558

LOADING 35

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-28.88995	22.32639	-6.521934	-1.902915	10.63000	15.27749
0.500		-18.17635	-2.513614	-6.521934	-1.902915	-9.790242	-15.73950
1.000		-7.462753	-27.35361	-6.521934	-1.902915	-30.21048	31.01780

LOADING 36

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-28.63190	22.32367	-6.562171	-1.864627	10.79969	15.26908
0.500		-17.91830	-2.516337	-6.562171	-1.864627	-9.746533	-15.73939
1.000		-7.204699	-27.35634	-6.562171	-1.864627	-30.29276	31.02644

LOADING 37

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-30.05654	22.24420	-6.795806	-1.901327	11.45952	14.87888
0.500		-19.34294	-2.595803	-6.795806	-1.901327	-9.818213	-15.88078
1.000		-8.629334	-27.43580	-6.795806	-1.901327	-31.09595	31.13385

LOADING 38

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-28.03756	22.40160	-6.295533	-1.869356	9.981693	15.65391
0.500		-17.32396	-2.438406	-6.295533	-1.869356	-9.729686	-15.59857
1.000		-6.610359	-27.27841	-6.295533	-1.869356	-29.44106	30.92325

LOADING 39

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-28.82209	22.32557	-6.544131	-1.884744	10.71596	15.27492
0.500		-18.10849	-2.514435	-6.544131	-1.884744	-9.773784	-15.73951
1.000		-7.394891	-27.35444	-6.544131	-1.884744	-30.26353	31.02037

LOADING 40 EX + ey: SISMA X positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-30.19665	0.3169317	1.477683	-2.293314	-7.026420	1.067307
0.500		-30.19665	0.3169317	1.477683	-2.293314	-2.399778	0.7499088E-01
1.000		-30.19665	0.3169317	1.477683	-2.293314	2.226864	-0.9173256

LOADING 41 EX - ey: SISMA X positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-22.55231	0.2046955	5.174797	-2.622991	-20.27832	0.5350029
0.500		-22.55231	0.2046955	5.174797	-2.622991	-4.075980	-0.1059009
1.000		-22.55231	0.2046955	5.174797	-2.622991	12.12636	-0.7468047

LOADING 42 EY + ex: SISMA Y positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	41.09195	-3.050665	0.3757669	-0.5397214	-0.7747123	-14.81879
0.500		41.09195	-3.050665	0.3757669	-0.5397214	0.4018178	-5.267123
1.000		41.09195	-3.050665	0.3757669	-0.5397214	1.578348	4.284542

LOADING 43 EY - ex: SISMA Y positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	53.20824	-3.567424	2.726772	-0.4689022	-7.843085	-17.29182
0.500		53.20824	-3.567424	2.726772	-0.4689022	0.6944666	-6.122182
1.000		53.20824	-3.567424	2.726772	-0.4689022	9.232018	5.047458

LOADING 44

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-46.69116	21.72730	-4.953718	-4.339974	3.457124	11.89659
0.500		-35.97756	-3.112703	-4.953718	-4.339974	-12.05302	-17.24465
1.000		-25.26396	-27.95271	-4.953718	-4.339974	-27.56316	31.38840

LOADING 45

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-71.34634	23.55770	-5.179178	-4.016141	3.921951	20.78786
0.500		-60.63273	-1.282304	-5.179178	-4.016141	-12.29411	-14.08438
1.000		-49.91913	-26.12230	-5.179178	-4.016141	-28.51017	28.81768

LOADING 46

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-43.05627	21.57227	-4.248416	-4.318728	1.336612	11.15468
0.500		-32.34267	-3.267730	-4.248416	-4.318728	-11.96522	-17.50117
1.000		-21.62907	-28.10773	-4.248416	-4.318728	-25.26706	31.61728

LOADING 47

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-74.98122	23.71273	-5.884480	-4.037387	6.042463	21.52978
0.500		-64.26762	-1.127276	-5.884480	-4.037387	-12.38190	-13.82786
1.000		-53.55402	-25.96728	-5.884480	-4.037387	-30.80626	28.58880

LOADING 48

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	13.70215	21.09343	-7.909084	0.2466532	17.50996	9.761977
0.500		24.41575	-3.746567	-7.909084	0.2466532	-7.253461	-17.39463
1.000		35.12935	-28.58657	-7.909084	0.2466532	-32.01689	33.22305

LOADING 49

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-10.95302	22.92383	-8.134544	0.5704861	17.97479	18.65325
0.500		-0.2394241	-1.916167	-8.134544	0.5704861	-7.494552	-14.23436
1.000		10.47418	-26.75617	-8.134544	0.5704861	-32.96389	30.65233

LOADING 50

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	17.33703	20.93841	-7.203783	0.2678989	15.38945	9.020065
0.500		28.05063	-3.901594	-7.203783	0.2678989	-7.165667	-17.65115
1.000		38.76424	-28.74159	-7.203783	0.2678989	-29.72078	33.45193

LOADING 51

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-14.58791	23.07886	-8.839846	0.5492403	20.09530	19.39516
0.500		-3.874310	-1.761140	-8.839846	0.5492403	-7.582346	-13.97784
1.000		6.839290	-26.60114	-8.839846	0.5492403	-35.25999	30.42345

LOADING 52

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-39.04682	21.61506	-1.256604	-4.669652	-9.794779	11.36429
0.500		-28.33322	-3.224939	-1.256604	-4.669652	-13.72922	-17.42554
1.000		-17.61962	-28.06494	-1.256604	-4.669652	-17.66366	31.55892

LOADING 53

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-63.70199	23.44546	-1.482064	-4.345819	-9.329951	20.25556
0.500		-52.98839	-1.394540	-1.482064	-4.345819	-13.97031	-14.26527
1.000		-42.27479	-26.23454	-1.482064	-4.345819	-18.61067	28.98820

LOADING 54

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-35.41193	21.46003	-0.5513023	-4.648406	-11.91529	10.62238
0.500		-24.69833	-3.379967	-0.5513023	-4.648406	-13.64142	-17.68206
1.000		-13.98473	-28.21997	-0.5513023	-4.648406	-15.36756	31.78780

LOADING 55

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-67.33688	23.60049	-2.187366	-4.367065	-7.209440	20.99747
0.500		-56.62328	-1.239512	-2.187366	-4.367065	-14.05810	-14.00875
1.000		-45.90968	-26.07951	-2.187366	-4.367065	-20.90677	28.75932

LOADING 56

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	6.057809	21.20567	-11.60620	0.5763310	30.76187	10.29428
0.500		16.77141	-3.634330	-11.60620	0.5763310	-5.577259	-17.21374
1.000		27.48501	-28.47433	-11.60620	0.5763310	-41.91639	33.05253

LOADING 57

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-18.59736	23.03607	-11.83166	0.9001638	31.22669	19.18555
0.500		-7.883765	-1.803931	-11.83166	0.9001638	-5.818350	-14.05347
1.000		2.829836	-26.64393	-11.83166	0.9001638	-42.86339	30.48180

LOADING 58

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	9.692695	21.05064	-10.90090	0.5975767	28.64136	9.552371
0.500		20.40629	-3.789358	-10.90090	0.5975767	-5.489464	-17.47026
1.000		31.11989	-28.62936	-10.90090	0.5975767	-39.62028	33.28141

LOADING 59

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-22.23225	23.19110	-12.53696	0.8789182	33.34721	19.92746
0.500		-11.51865	-1.648903	-12.53696	0.8789182	-5.906145	-13.79695
1.000		-0.8050504	-26.48890	-12.53696	0.8789182	-45.15949	30.25293

LOADING 60

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	3.210865	19.36998	-5.725060	-3.112460	7.833320	0.7763250
0.500		13.92447	-5.470021	-5.725060	-3.112460	-10.09190	-20.98413
1.000		24.63807	-30.31002	-5.725060	-3.112460	-28.01712	35.02971

LOADING 61

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	21.32886	19.17982	-6.611670	-1.736471	12.04917	0.1359406
0.500		32.04246	-5.660180	-6.611670	-1.736471	-8.652033	-21.02913
1.000		42.75606	-30.50018	-6.611670	-1.736471	-29.35324	35.58010

LOADING 62

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	5.504168	19.33631	-4.615925	-3.211363	3.857748	0.6166337
0.500		16.21777	-5.503692	-4.615925	-3.211363	-10.59476	-21.03840
1.000		26.93137	-30.34369	-4.615925	-3.211363	-25.04727	35.08086

LOADING 63

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	19.03556	19.21349	-7.720803	-1.637568	16.02474	0.2956319
0.500		29.74916	-5.626509	-7.720803	-1.637568	-8.149173	-20.97486
1.000		40.46276	-30.46651	-7.720803	-1.637568	-32.32309	35.52895

LOADING 64

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-78.97304	25.47131	-6.476593	-2.033017	9.382744	30.41390
0.500		-68.25944	0.6313100	-6.476593	-2.033017	-10.89554	-10.44989
1.000		-57.54584	-24.20869	-6.476593	-2.033017	-31.17381	26.46062

LOADING 65

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-60.85505	25.28115	-7.363203	-0.6570286	13.59860	29.77352
0.500		-50.14145	0.4411510	-7.363203	-0.6570286	-9.455668	-10.49488
1.000		-39.42785	-24.39885	-7.363203	-0.6570286	-32.50993	27.01102

LOADING 66

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-76.67974	25.43764	-5.367459	-2.131920	5.407173	30.25421
0.500		-65.96614	0.5976391	-5.367459	-2.131920	-11.39840	-10.50415
1.000		-55.25254	-24.24236	-5.367459	-2.131920	-28.20396	26.51178

LOADING 67

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-63.14835	25.31482	-8.472338	-0.5581253	17.57417	29.93321
0.500		-52.43475	0.4748218	-8.472338	-0.5581253	-8.952808	-10.44061
1.000		-41.72115	-24.36518	-8.472338	-0.5581253	-35.47978	26.95986

LOADING 68

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	15.32715	18.85322	-3.374054	-3.041641	0.7649469	-1.696710
0.500		26.04075	-5.986779	-3.374054	-3.041641	-9.799251	-21.83919
1.000		36.75435	-30.82678	-3.374054	-3.041641	-20.36345	35.79263

LOADING 69

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	33.44514	18.66306	-4.260664	-1.665652	4.980799	-2.337094
0.500		44.15874	-6.176938	-4.260664	-1.665652	-8.359385	-21.88419
1.000		54.87234	-31.01694	-4.260664	-1.665652	-21.69957	36.34302

LOADING 70

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	17.62045	18.81955	-2.264920	-3.140544	-3.210624	-1.856401
0.500		28.33405	-6.020450	-2.264920	-3.140544	-10.30211	-21.89346
1.000		39.04765	-30.86045	-2.264920	-3.140544	-17.39360	35.84378

LOADING 71

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	31.15184	18.69673	-5.369798	-1.566749	8.956369	-2.177403
0.500		41.86544	-6.143268	-5.369798	-1.566749	-7.856524	-21.82992
1.000		52.57904	-30.98327	-5.369798	-1.566749	-24.66942	36.29186

LOADING 72

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-91.08932	25.98807	-8.827599	-2.103836	16.45111	32.88694
0.500		-80.37573	1.148068	-8.827599	-2.103836	-11.18818	-9.594827
1.000		-69.66213	-23.69193	-8.827599	-2.103836	-38.82748	25.69771

LOADING 73

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-72.97134	25.79791	-9.714208	-0.7278478	20.66697	32.24655
0.500		-62.25773	0.9579092	-9.714208	-0.7278478	-9.748318	-9.639822
1.000		-51.54414	-23.88209	-9.714208	-0.7278478	-40.16360	26.24810

LOADING 74

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-88.79602	25.95440	-7.718464	-2.202739	12.47554	32.72725
0.500		-78.08243	1.114397	-7.718464	-2.202739	-11.69104	-9.649094
1.000		-67.36883	-23.72560	-7.718464	-2.202739	-35.85764	25.74887

LOADING 75

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-75.26464	25.83158	-10.82334	-0.6289443	24.64254	32.40625
0.500		-64.55103	0.9915800	-10.82334	-0.6289443	-9.245457	-9.585554
1.000		-53.83744	-23.84842	-10.82334	-0.6289443	-43.13345	26.19695

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LOADING 1 G1 - PESI PROPRI STRUTTURALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	0.6908297	-20.37121	-4.941209	1.417419	22.77965	-23.02607
0.500		-7.344370	-1.741205	-4.941209	1.417419	7.308679	11.59102
1.000		-15.37957	16.88880	-4.941209	1.417419	-8.162298	-12.12261

LOADING 2 G2 - SOVRACCARICHI PERMANENTI PORTATI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-8.086095	-6.983221	-1.602617	0.4672769	7.483742	-7.994287
0.500		-10.76449	-0.7732208	-1.602617	0.4672769	2.465931	4.148463
1.000		-13.44290	5.436779	-1.602617	0.4672769	-2.551880	-3.152362

LOADING 3 Qk - SOVRACCARICHI ACCIDENTALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-3.758391	-1.803200	-0.4659519	0.1422368	2.187292	-1.917875
0.500		-4.502391	-0.7820036E-01	-0.4659519	0.1422368	0.7283921	1.027467
1.000		-5.246391	1.646800	-0.4659519	0.1422368	-0.7305082	-1.428183

LOADING 4 Qn - NEVE

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-2.681738	-2.919715	-0.8303503	0.2511334	3.867857	-3.175938
0.500		-3.872138	-0.1597151	-0.8303503	0.2511334	1.268022	1.644926
1.000		-5.062538	2.600285	-0.8303503	0.2511334	-1.331813	-2.175799

LOADING 5 Qv (+X) - VENTO IN DIREZIONE X, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-0.3401632	0.4144047E-02	0.1108365	0.9092089E-01	-0.2647653	0.1289710E-01
0.500		-0.3401632	0.4144047E-02	0.1108365	0.9092089E-01	0.8226494E-01	-0.7795820E-04
1.000		-0.3401632	0.4144047E-02	0.1108365	0.9092089E-01	0.4292952	-0.1305301E-01

LOADING 6 Qv (-X) - VENTO IN DIREZIONE X, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	0.9512456	-0.9524659E-02	-0.9014194E-01	-0.1006430	0.1460068	-0.3038953E-01
0.500		0.9512456	-0.9524659E-02	-0.9014194E-01	-0.1006430	-0.1362285	-0.5677260E-03
1.000		0.9512456	-0.9524659E-02	-0.9014194E-01	-0.1006430	-0.4184639	0.2925408E-01

LOADING 7 Qv (+Y) - VENTO IN DIREZIONE Y, VERSO POSITIVO

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	3.884893	0.3769290	1.241554	-0.7635608E-01	-4.106284	0.4793449
0.500	3.884893	0.3769290	1.241554	-0.7635608E-01	-0.2189663	-0.7008234
1.000	3.884893	0.3769290	1.241554	-0.7635608E-01	3.668351	-1.880992

LOADING 8 Qv (-Y) - VENTO IN DIREZIONE Y, VERSO NEGATIVO

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-6.134486	-0.4036207	-1.256950	0.8233447E-01	4.156127	-0.5612445
0.500	-6.134486	-0.4036207	-1.256950	0.8233447E-01	0.2206058	0.7024961
1.000	-6.134486	-0.4036207	-1.256950	0.8233447E-01	-3.714916	1.966237

LOADING 9

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-17.56888	-40.45161	-9.728912	2.933638	45.28596	-45.57362
0.500	-33.50536	-3.502111	-9.728912	2.933638	14.82463	23.23615
1.000	-49.44184	33.44739	-9.728912	2.933638	-15.63669	-23.64333

LOADING 10

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-16.40661	-40.46391	-9.909793	2.761231	45.65565	-45.61258
0.500	-32.34309	-3.514413	-9.909793	2.761231	14.62799	23.23571
1.000	-48.27957	33.43509	-9.909793	2.761231	-16.39967	-23.60526

LOADING 11

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-13.76633	-40.11610	-8.711267	2.783089	41.82859	-45.15382
0.500	-29.70281	-3.166605	-8.711267	2.783089	14.55353	22.60549
1.000	-45.63929	33.78289	-8.711267	2.783089	-12.72154	-25.32448

LOADING 12

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-22.78377	-40.81860	-10.95992	2.925911	49.26476	-46.09035
0.500		-38.72025	-3.869099	-10.95992	2.925911	14.94914	23.86847
1.000		-54.65673	33.08040	-10.95992	2.925911	-19.36648	-21.86197

LOADING 13

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-13.94260	-39.93660	-9.652746	2.908633	44.90591	-45.07877
0.500		-29.65588	-3.504597	-9.652746	2.908633	14.68306	22.92865
1.000		-45.36916	32.92740	-9.652746	2.908633	-15.53978	-23.13291

LOADING 14

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-12.78033	-39.94890	-9.833627	2.736226	45.27560	-45.11772
0.500		-28.49361	-3.516899	-9.833627	2.736226	14.48642	22.92821
1.000		-44.20689	32.91510	-9.833627	2.736226	-16.30277	-23.09483

LOADING 15

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-10.14005	-39.60109	-8.635101	2.758084	41.44854	-44.65896
0.500		-25.85333	-3.169091	-8.635101	2.758084	14.41196	22.29798
1.000		-41.56660	33.26291	-8.635101	2.758084	-12.62463	-24.81405

LOADING 16

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-19.15749	-40.30359	-10.88375	2.900905	48.88472	-45.59549
0.500		-34.87077	-3.871585	-10.88375	2.900905	14.80757	23.56097
1.000		-50.58405	32.56041	-10.88375	2.900905	-19.26957	-21.35155

LOADING 17

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-12.13539	-37.74432	-8.963482	2.774836	41.84616	-42.68907
0.500		-26.95587	-3.382324	-8.963482	2.774836	13.78141	21.69491
1.000		-41.77635	30.97968	-8.963482	2.774836	-14.28335	-21.50889

LOADING 18

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-10.19828	-37.76483	-9.264950	2.487490	42.46231	-42.75400
0.500		-25.01876	-3.402827	-9.264950	2.487490	13.45367	21.69417
1.000		-39.83924	30.95918	-9.264950	2.487490	-15.55499	-21.44543

LOADING 19

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-5.797808	-37.18515	-7.267406	2.523920	36.08389	-41.98940
0.500		-20.61829	-2.823147	-7.267406	2.523920	13.32956	20.64379
1.000		-35.43877	31.53885	-7.267406	2.523920	-9.424765	-24.31080

LOADING 20

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-20.82688	-38.35597	-11.01516	2.761956	48.47750	-43.55029
0.500		-35.64736	-3.993971	-11.01516	2.761956	13.98892	22.74877
1.000		-50.46783	30.36803	-11.01516	2.761956	-20.49966	-18.53995

LOADING 21

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-12.69862	-30.61500	-7.358451	2.207052	34.22576	-34.51846
0.500		-24.75142	-2.669997	-7.358451	2.207052	11.18637	17.58937
1.000		-36.80423	25.27500	-7.358451	2.207052	-11.85302	-17.79888

LOADING 22

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-11.92378	-30.62320	-7.479038	2.092113	34.47222	-34.54444
0.500		-23.97658	-2.678199	-7.479038	2.092113	11.05528	17.58908
1.000		-36.02938	25.26680	-7.479038	2.092113	-12.36167	-17.77350

LOADING 23

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-10.16359	-30.39133	-6.680021	2.106686	31.92085	-34.23859
0.500		-22.21639	-2.446327	-6.680021	2.106686	11.00563	17.16892
1.000		-34.26919	25.49867	-6.680021	2.106686	-9.909582	-18.91965

LOADING 24

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-16.17522	-30.85966	-8.179123	2.201900	36.87830	-34.86295
0.500		-28.22802	-2.914656	-8.179123	2.201900	11.26938	18.01091
1.000		-40.28082	25.03034	-8.179123	2.201900	-14.33954	-16.61131

LOADING 25

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-10.28110	-30.27166	-7.307675	2.190382	33.97239	-34.18856
0.500		-22.18510	-2.671655	-7.307675	2.190382	11.09199	17.38437
1.000		-34.08910	24.92835	-7.307675	2.190382	-11.78841	-17.45860

LOADING 26

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-9.506255	-30.27986	-7.428262	2.075444	34.21886	-34.21453
0.500		-21.41026	-2.679856	-7.428262	2.075444	10.96089	17.38407
1.000		-33.31425	24.92015	-7.428262	2.075444	-12.29707	-17.43322

LOADING 27

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-7.746067	-30.04799	-6.629244	2.090015	31.66748	-33.90869
0.500		-19.65007	-2.447984	-6.629244	2.090015	10.91125	16.96392
1.000		-31.55407	25.15202	-6.629244	2.090015	-9.844980	-18.57936

LOADING 28

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-13.75769	-30.51632	-8.128346	2.185230	36.62493	-34.53304
0.500		-25.66169	-2.916314	-8.128346	2.185230	11.17499	17.80591
1.000		-37.56570	24.68369	-8.128346	2.185230	-14.27494	-16.27102

LOADING 29

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-9.076298	-28.81014	-6.848165	2.101183	31.93256	-32.59543
0.500		-20.38510	-2.590140	-6.848165	2.101183	10.49089	16.56187
1.000		-31.69390	23.62986	-6.848165	2.101183	-10.95079	-16.37592

LOADING 30

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-7.784889	-28.82381	-7.049144	1.909619	32.34333	-32.63872
0.500		-19.09369	-2.603808	-7.049144	1.909619	10.27239	16.56138
1.000		-30.40249	23.61619	-7.049144	1.909619	-11.79855	-16.33361

LOADING 31

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-4.851241	-28.43736	-5.717448	1.933906	28.09104	-32.12898
0.500		-16.16004	-2.217355	-5.717448	1.933906	10.18965	15.86112
1.000		-27.46884	24.00265	-5.717448	1.933906	-7.711733	-18.24386

LOADING 32

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-14.87062	-29.21791	-8.215951	2.092597	36.35345	-33.16957
0.500		-26.17942	-2.997905	-8.215951	2.092597	10.62923	17.26444
1.000		-37.48822	23.22210	-8.215951	2.092597	-15.09500	-14.39663

LOADING 33

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-7.395266	-27.35443	-6.543827	1.884696	30.26340	-31.02036
0.500		-18.10887	-2.514426	-6.543827	1.884696	9.774610	15.73949
1.000		-28.82247	22.32558	-6.543827	1.884696	-10.71418	-15.27497

LOADING 34

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-7.931613	-27.93837	-6.709896	1.934922	31.03697	-31.65554
0.500		-18.88329	-2.546369	-6.709896	1.934922	10.02821	16.06847
1.000		-29.83497	22.84563	-6.709896	1.934922	-10.98054	-15.71013

LOADING 35

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-7.463298	-27.35360	-6.521659	1.902880	30.21044	-31.01778
0.500		-18.17690	-2.513597	-6.521659	1.902880	9.791062	15.73947
1.000		-28.89050	22.32640	-6.521659	1.902880	-10.62832	-15.27758

LOADING 36

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-7.205016	-27.35633	-6.561855	1.864567	30.29260	-31.02643
0.500		-17.91862	-2.516331	-6.561855	1.864567	9.747364	15.73937
1.000		-28.63222	22.32367	-6.561855	1.864567	-10.79787	-15.26912

LOADING 37

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-6.618287	-27.27904	-6.295516	1.869424	29.44214	-30.92449
0.500		-17.33189	-2.439040	-6.295516	1.869424	9.730816	15.59932
1.000		-28.04549	22.40096	-6.295516	1.869424	-9.980508	-15.65117

LOADING 38

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-8.622163	-27.43515	-6.795216	1.901163	31.09462	-31.13260
0.500		-19.33576	-2.595150	-6.795216	1.901163	9.818731	15.87998
1.000		-30.04936	22.24485	-6.795216	1.901163	-11.45716	-14.88172

LOADING 39

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-7.395266	-27.35443	-6.543827	1.884696	30.26340	-31.02036
0.500		-18.10887	-2.514426	-6.543827	1.884696	9.774610	15.73949
1.000		-28.82247	22.32558	-6.543827	1.884696	-10.71418	-15.27497

LOADING 40 EX + ey: SISMA X positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-22.55754	0.2050113	5.173365	2.624129	-12.12381	0.7474828
0.500		-22.55754	0.2050113	5.173365	2.624129	4.074043	0.1055902
1.000		-22.55754	0.2050113	5.173365	2.624129	20.27190	-0.5363024

LOADING 41 EX - ey: SISMA X positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-30.18617	0.3167022	1.478759	2.293947	-2.231400	0.9167274
0.500		-30.18617	0.3167022	1.478759	2.293947	2.398610	-0.7487032E-01
1.000		-30.18617	0.3167022	1.478759	2.293947	7.028619	-1.066468

LOADING 42 EY + ex: SISMA Y positivo, eccentricità positiva

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-41.42037	3.025565	-0.3921699	-0.5335140	1.640517	4.236532
0.500	-41.42037	3.025565	-0.3921699	-0.5335140	0.4126290	-5.236543
1.000	-41.42037	3.025565	-0.3921699	-0.5335140	-0.8152589	-14.70962

LOADING 43 EY - ex: SISMA Y positivo, eccentricità negativa

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-53.62396	3.537916	-2.751751	-0.4608662	9.324124	4.991356
0.500	-53.62396	3.537916	-2.751751	-0.4608662	0.7083638	-6.085896
1.000	-53.62396	3.537916	-2.751751	-0.4608662	-7.907398	-17.16315

LOADING 44

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-42.37892	-26.24175	-1.488113	4.348771	18.63174	-29.00191
0.500	-53.09252	-1.401745	-1.488113	4.348771	13.97244	14.27411
1.000	-63.80612	23.43826	-1.488113	4.348771	9.313147	-20.22416

LOADING 45

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-17.52670	-28.05709	-1.252811	4.668879	17.64743	-31.54383
0.500	-28.24030	-3.217084	-1.252811	4.668879	13.72486	17.41604
1.000	-38.95390	21.62292	-1.252811	4.668879	9.802301	-11.39839

LOADING 46

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-46.04000	-26.08804	-2.195987	4.370565	20.93682	-28.77547
0.500	-56.75360	-1.248040	-2.195987	4.370565	14.06116	14.01931
1.000	-67.46719	23.59196	-2.195987	4.370565	7.185504	-20.96022

LOADING 47

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-13.86562	-28.21079	-0.5449362	4.647085	15.34235	-31.77028
0.500		-24.57922	-3.370790	-0.5449362	4.647085	13.63614	17.67084
1.000		-35.29282	21.46921	-0.5449362	4.647085	11.92994	-10.66233

LOADING 48

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	2.736168	-26.65177	-11.83484	-0.8994878	42.87937	-30.49688
0.500		-7.977432	-1.811768	-11.83484	-0.8994878	5.824355	14.06293
1.000		-18.69103	23.02823	-11.83484	-0.8994878	-31.23066	-19.15155

LOADING 49

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	27.58839	-28.46711	-11.59954	-0.5793794	41.89505	-33.03880
0.500		16.87479	-3.627107	-11.59954	-0.5793794	5.576778	17.20486
1.000		6.161189	21.21289	-11.59954	-0.5793794	-30.74150	-10.32578

LOADING 50

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-0.9249108	-26.49806	-12.54272	-0.8776934	45.18445	-30.27043
0.500		-11.63851	-1.658062	-12.54272	-0.8776934	5.913076	13.80813
1.000		-22.35211	23.18194	-12.54272	-0.8776934	-33.35830	-19.88761

LOADING 51

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	31.24947	-28.62081	-10.89167	-0.6011738	39.58997	-33.26525
0.500		20.53587	-3.780812	-10.89167	-0.6011738	5.488057	17.45966
1.000		9.822268	21.05919	-10.89167	-0.6011738	-28.61386	-9.589724

LOADING 52

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-50.00755	-26.13006	-5.182718	4.018589	28.52415	-28.83267
0.500		-60.72115	-1.290054	-5.182718	4.018589	12.29701	14.09365
1.000		-71.43475	23.54995	-5.182718	4.018589	-3.930136	-20.75432

LOADING 53

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-25.15533	-27.94539	-4.947417	4.338697	27.53984	-31.37459
0.500		-35.86893	-3.105393	-4.947417	4.338697	12.04943	17.23558
1.000		-46.58253	21.73461	-4.947417	4.338697	-3.440981	-11.92855

LOADING 54

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-53.66863	-25.97635	-5.890593	4.040383	30.82924	-28.60622
0.500		-64.38223	-1.136349	-5.890593	4.040383	12.38573	13.83885
1.000		-75.09583	23.70365	-5.890593	4.040383	-6.057777	-21.49038

LOADING 55

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-21.49425	-28.09910	-4.239542	4.316903	25.23476	-31.60104
0.500		-32.20785	-3.259099	-4.239542	4.316903	11.96071	17.49038
1.000		-42.92145	21.58090	-4.239542	4.316903	-1.313339	-11.19249

LOADING 56

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	10.36480	-26.76346	-8.140236	-0.5693060	32.98695	-30.66612
0.500		-0.3488038	-1.923459	-8.140236	-0.5693060	7.499789	14.24339
1.000		-11.06240	22.91654	-8.140236	-0.5693060	-17.98738	-18.62139

LOADING 57

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	35.21702	-28.57880	-7.904934	-0.2491976	32.00264	-33.20805
0.500		24.50342	-3.738797	-7.904934	-0.2491976	7.252212	17.38532
1.000		13.78982	21.10120	-7.904934	-0.2491976	-17.49822	-9.795617

LOADING 58

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	6.703717	-26.60975	-8.848110	-0.5475116	35.29203	-30.43968
0.500		-4.009883	-1.769753	-8.848110	-0.5475116	7.588510	13.98859
1.000		-14.72348	23.07025	-8.848110	-0.5475116	-20.11502	-19.35745

LOADING 59

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	38.87809	-28.73251	-7.197060	-0.2709919	29.69756	-33.43449
0.500		28.16450	-3.892503	-7.197060	-0.2709919	7.163491	17.64013
1.000		17.45090	20.94750	-7.197060	-0.2709919	-15.37058	-9.059558

LOADING 60

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-55.58290	-24.26736	-5.383987	2.138421	28.26677	-26.55958
0.500		-66.29649	0.5726421	-5.383987	2.138421	11.40945	10.53462
1.000		-77.01009	25.41264	-5.383987	2.138421	-5.447866	-30.14548

LOADING 61

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-42.04837	-24.39037	-8.488006	0.5639429	35.54106	-27.00807
0.500		-52.76197	0.4496352	-8.488006	0.5639429	8.965026	10.47127
1.000		-63.47557	25.28964	-8.488006	0.5639429	-17.61101	-29.82370

LOADING 62

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-57.87148	-24.23385	-6.492369	2.039366	31.23449	-26.50881
0.500		-68.58508	0.6061493	-6.492369	2.039366	10.90682	10.48048
1.000		-79.29868	25.44615	-6.492369	2.039366	-9.420851	-30.30453

LOADING 63

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-39.75978	-24.42387	-7.379624	0.6629975	32.57333	-27.05884
0.500		-50.47338	0.4161280	-7.379624	0.6629975	9.467656	10.52540
1.000		-61.18698	25.25613	-7.379624	0.6629975	-13.63802	-29.66464

LOADING 64

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	27.25784	-30.31849	-4.599647	3.205448	24.98574	-35.03264
0.500		16.54424	-5.478487	-4.599647	3.205448	10.58419	21.00771
1.000		5.830637	19.36151	-4.599647	3.205448	-3.817348	-0.7262445

LOADING 65

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	40.79236	-30.44150	-7.703666	1.630971	32.26003	-35.48113
0.500		30.07876	-5.601494	-7.703666	1.630971	8.139768	20.94435
1.000		19.36516	19.23851	-7.703666	1.630971	-15.98049	-0.4044630

LOADING 66

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	24.96925	-30.28498	-5.708029	3.106394	27.95346	-34.98187
0.500		14.25565	-5.444980	-5.708029	3.106394	10.08156	20.95357
1.000		3.542049	19.39502	-5.708029	3.106394	-7.790333	-0.8852942

LOADING 67

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	43.08095	-30.47500	-6.595284	1.730025	29.29230	-35.53191
0.500		32.36736	-5.635001	-6.595284	1.730025	8.642398	20.99849
1.000		21.65375	19.20500	-6.595284	1.730025	-12.00751	-0.2454133

LOADING 68

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-67.78649	-23.75501	-7.743568	2.211068	35.95037	-25.80476
0.500		-78.50009	1.084993	-7.743568	2.211068	11.70519	9.685266
1.000		-89.21368	25.92500	-7.743568	2.211068	-12.54000	-32.59901

LOADING 69

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-54.25196	-23.87801	-10.84759	0.6365907	43.22466	-26.25325
0.500		-64.96556	0.9619865	-10.84759	0.6365907	9.260761	9.621913
1.000		-75.67917	25.80199	-10.84759	0.6365907	-24.70314	-32.27723

LOADING 70

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-70.07508	-23.72150	-8.851950	2.112014	38.91811	-25.75398
0.500		-80.78868	1.118501	-8.851950	2.112014	11.20256	9.631129
1.000		-91.50228	25.95850	-8.851950	2.112014	-16.51299	-32.75806

LOADING 71

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-51.96338	-23.91152	-9.739205	0.7356452	40.25694	-26.30402
0.500		-62.67698	0.9284793	-9.739205	0.7356452	9.763391	9.676051
1.000		-73.39057	25.76848	-9.739205	0.7356452	-20.73016	-32.11818

LOADING 72

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	39.46143	-30.83084	-2.240066	3.132801	17.30213	-35.78747
0.500		28.74783	-5.990839	-2.240066	3.132801	10.28846	21.85706
1.000		18.03423	18.84916	-2.240066	3.132801	3.274790	1.727286

LOADING 73

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	52.99596	-30.95385	-5.344085	1.558323	24.57642	-36.23595
0.500		42.28236	-6.113845	-5.344085	1.558323	7.844034	21.79370
1.000		31.56876	18.72616	-5.344085	1.558323	-8.888350	2.049067

LOADING 74

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	37.17284	-30.79733	-3.348448	3.033746	20.26985	-35.73669
0.500		26.45924	-5.957331	-3.348448	3.033746	9.785829	21.80292
1.000		15.74564	18.88267	-3.348448	3.033746	-0.6981944	1.568236

LOADING 75

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	55.28455	-30.98735	-4.235703	1.657378	21.60869	-36.28674
0.500		44.57095	-6.147353	-4.235703	1.657378	8.346663	21.84784
1.000		33.85735	18.69265	-4.235703	1.657378	-4.915366	2.208117

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LOADING 1 G1 - PESI PROPRI STRUTTURALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	11.55885	16.60707	0.2386325E-03	0.9182130E-04	-0.2610120E-03	11.20832

0.500	19.59405	-2.022925	0.2386325E-03	0.9182130E-04	0.4861489E-03	-11.62325
1.000	27.62925	-20.65293	0.2386325E-03	0.9182130E-04	0.1233310E-02	23.87592

LOADING 2 G2 - SOVRACCARICHI PERMANENTI PORTATI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-5.085825	5.327420	0.3056555E-03	0.1406977E-03	-0.1816129E-03	2.776119
0.500		-2.407426	-0.8825808	0.3056555E-03	0.1406977E-03	0.7753976E-03	-4.182299
1.000		0.2709745	-7.092581	0.3056555E-03	0.1406977E-03	0.1732408E-02	8.302857

LOADING 3 Qk - SOVRACCARICHI ACCIDENTALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-2.626495	1.622970	0.5338655E-04	0.2116051E-04	-0.5897389E-04	1.354001
0.500		-1.882495	-0.1020303	0.5338655E-04	0.2116051E-04	0.1081800E-03	-1.027038
1.000		-1.138495	-1.827030	0.5338655E-04	0.2116051E-04	0.2753338E-03	1.992916

LOADING 4 Qn - NEVE

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-0.3544980E-01	2.556527	0.9369579E-04	0.3559986E-04	-0.1155541E-03	2.042108
0.500		1.154950	-0.2034736	0.9369579E-04	0.3559986E-04	0.1778084E-03	-1.641609
1.000		2.345350	-2.963474	0.9369579E-04	0.3559986E-04	0.4711709E-03	3.316263

LOADING 5 Qv (+X) - VENTO IN DIREZIONE X, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	0.9442172E-01	-0.9676648E-03	0.2519154E-01	-0.8566140E-01	-0.2860677	-0.2938357E-02
0.500		0.9442172E-01	-0.9676648E-03	0.2519154E-01	-0.8566140E-01	-0.2071927	0.9141134E-04
1.000		0.9442172E-01	-0.9676648E-03	0.2519154E-01	-0.8566140E-01	-0.1283178	0.3121180E-02

LOADING 6 Qv (-X) - VENTO IN DIREZIONE X, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	0.6199254E-01	-0.6266271E-03	-0.2519271E-01	0.8566017E-01	0.2860618	-0.1893764E-02

0.500	0.6199254E-01	-0.6266271E-03	-0.2519271E-01	0.8566017E-01	0.2071831	0.6821196E-04
1.000	0.6199254E-01	-0.6266271E-03	-0.2519271E-01	0.8566017E-01	0.1283045	0.2030188E-02

LOADING 7 Qv (+Y) - VENTO IN DIREZIONE Y, VERSO POSITIVO

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	0.4440266	-0.5051562	0.2788887E-02	0.3182078E-03	-0.1004743E-01	-2.560053
0.500	0.4440266	-0.5051562	0.2788887E-02	0.3182078E-03	-0.1315395E-02	-0.9784041
1.000	0.4440266	-0.5051562	0.2788887E-02	0.3182078E-03	0.7416640E-02	0.6032449

LOADING 8 Qv (-Y) - VENTO IN DIREZIONE Y, VERSO NEGATIVO

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-2.406989	0.4753485	-0.2777084E-02	-0.3124135E-03	0.1004269E-01	2.465085
0.500	-2.406989	0.4753485	-0.2777084E-02	-0.3124135E-03	0.1347612E-02	0.9767637
1.000	-2.406989	0.4753485	-0.2777084E-02	-0.3124135E-03	-0.7347466E-02	-0.5115572

LOADING 9

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	4.533582	32.86582	0.2353031E-01	-0.7673454E-01	-0.2582114	21.73970
0.500	20.47006	-4.083679	0.2353031E-01	-0.7673454E-01	-0.1845378	-23.31889
1.000	36.40654	-41.03318	0.2353031E-01	-0.7673454E-01	-0.1108642	47.31178

LOADING 10

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	4.504396	32.86613	-0.2181551E-01	0.7745487E-01	0.2567051	21.74064
0.500	20.44088	-4.083372	-0.2181551E-01	0.7745487E-01	0.1884004	-23.31891
1.000	36.37736	-41.03287	-0.2181551E-01	0.7745487E-01	0.1200959	47.31081

LOADING 11

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	4.848227	32.41205	0.3367925E-02	0.6471024E-03	-0.9793225E-02	19.43830

0.500	20.78471	-4.537449	0.3367925E-02	0.6471024E-03	0.7517816E-03	-24.19954
1.000	36.72118	-41.48695	0.3367925E-02	0.6471024E-03	0.1129679E-01	47.85190

LOADING 12

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	2.282313	33.29451	-0.1641449E-02	0.7954331E-04	0.8287882E-02	23.96092
0.500	18.21879	-3.654994	-0.1641449E-02	0.7954331E-04	0.3148488E-02	-22.43988
1.000	34.15527	-40.60450	-0.1641449E-02	0.7954331E-04	-0.1990907E-02	46.84858

LOADING 13

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	8.446737	32.34876	0.2352050E-01	-0.7673958E-01	-0.2582096	21.24028
0.500	24.16002	-4.083239	0.2352050E-01	-0.7673958E-01	-0.1845667	-23.00954
1.000	39.87330	-40.51524	0.2352050E-01	-0.7673958E-01	-0.1109238	46.80961

LOADING 14

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	8.417552	32.34907	-0.2182532E-01	0.7744984E-01	0.2567069	21.24122
0.500	24.13083	-4.082932	-0.2182532E-01	0.7744984E-01	0.1883715	-23.00956
1.000	39.84411	-40.51493	-0.2182532E-01	0.7744984E-01	0.1200362	46.80862

LOADING 15

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	8.761382	31.89499	0.3358117E-02	0.6420615E-03	-0.9791430E-02	18.93888
0.500	24.47466	-4.537009	0.3358117E-02	0.6420615E-03	0.7228680E-03	-23.89018
1.000	40.18794	-40.96901	0.3358117E-02	0.6420615E-03	0.1123716E-01	47.34972

LOADING 16

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	6.195468	32.77745	-0.1651257E-02	0.7450244E-04	0.8289677E-02	23.46150

0.500	21.90875	-3.654554	-0.1651257E-02	0.7450244E-04	0.3119574E-02	-22.13053
1.000	37.62203	-40.08656	-0.1651257E-02	0.7450244E-04	-0.2050529E-02	46.34640

LOADING 17

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	8.529979	30.43079	0.3856515E-01	-0.1281631	-0.4297636	19.70694
0.500	23.35046	-3.931214	0.3856515E-01	-0.1281631	-0.3090157	-21.77827
1.000	38.17094	-38.29321	0.3856515E-01	-0.1281631	-0.1882678	44.32428

LOADING 18

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	8.481335	30.43130	-0.3701122E-01	0.1288192	0.4284306	19.70851
0.500	23.30182	-3.930703	-0.3701122E-01	0.1288192	0.3125481	-21.77831
1.000	38.12229	-38.29270	-0.3701122E-01	0.1288192	0.1966656	44.32265

LOADING 19

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	9.054386	29.67450	0.4961178E-02	0.8062863E-03	-0.1573322E-01	15.87127
0.500	23.87486	-4.687497	0.4961178E-02	0.8062863E-03	-0.1997251E-03	-23.24602
1.000	38.69534	-39.04950	0.4961178E-02	0.8062863E-03	0.1533377E-01	45.22447

LOADING 20

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	4.777863	31.14526	-0.3387779E-02	-0.1396455E-03	0.1440196E-01	23.40897
0.500	19.59834	-3.216740	-0.3387779E-02	-0.1396455E-03	0.3794785E-02	-20.31327
1.000	34.41882	-37.57874	-0.3387779E-02	-0.1396455E-03	-0.6812387E-02	43.55227

LOADING 21

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	3.885458	24.83515	0.1575945E-01	-0.5112536E-01	-0.1722000	16.35773

0.500	15.93826	-3.109854	0.1575945E-01	-0.5112536E-01	-0.1228570	-17.65333
1.000	27.99106	-31.05486	0.1575945E-01	-0.5112536E-01	-0.7351402E-01	35.83170

LOADING 22

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	3.866001	24.83535	-0.1447111E-01	0.5166758E-01	0.1710777	16.35835
0.500	15.91880	-3.109649	-0.1447111E-01	0.5166758E-01	0.1257685	-17.65335
1.000	27.97160	-31.05465	-0.1447111E-01	0.5166758E-01	0.8045934E-01	35.83104

LOADING 23

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	4.095222	24.53263	0.2317855E-02	0.4624042E-03	-0.6587834E-02	14.82346
0.500	16.14802	-3.412367	0.2317855E-02	0.4624042E-03	0.6693940E-03	-18.24043
1.000	28.20082	-31.35737	0.2317855E-02	0.4624042E-03	0.7926622E-02	36.19177

LOADING 24

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	2.384612	25.12094	-0.1021728E-02	0.8403140E-04	0.5466238E-02	17.83854
0.500	14.43741	-2.824064	-0.1021728E-02	0.8403140E-04	0.2267198E-02	-17.06733
1.000	26.49021	-30.76907	-0.1021728E-02	0.8403140E-04	-0.9318423E-03	35.52289

LOADING 25

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	6.494229	24.49044	0.1575291E-01	-0.5112872E-01	-0.1721988	16.02478
0.500	18.39823	-3.109560	0.1575291E-01	-0.5112872E-01	-0.1228763	-17.44710
1.000	30.30223	-30.70956	0.1575291E-01	-0.5112872E-01	-0.7355377E-01	35.49691

LOADING 26

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	6.474771	24.49065	-0.1447764E-01	0.5166423E-01	0.1710789	16.02541

0.500	18.37877	-3.109355	-0.1447764E-01	0.5166423E-01	0.1257492	-17.44711
1.000	30.28277	-30.70936	-0.1447764E-01	0.5166423E-01	0.8041959E-01	35.49625

LOADING 27

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	6.703992	24.18793	0.2311316E-02	0.4590436E-03	-0.6586637E-02	14.49051
0.500	18.60799	-3.412073	0.2311316E-02	0.4590436E-03	0.6501182E-03	-18.03419
1.000	30.51199	-31.01208	0.2311316E-02	0.4590436E-03	0.7886874E-02	35.85698

LOADING 28

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	4.993383	24.77623	-0.1028267E-02	0.8067083E-04	0.5467435E-02	17.50559
0.500	16.89738	-2.823771	-0.1028267E-02	0.8067083E-04	0.2247922E-02	-16.86110
1.000	28.80138	-30.42377	-0.1028267E-02	0.8067083E-04	-0.9715906E-03	35.18810

LOADING 29

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	6.549723	23.21179	0.2578267E-01	-0.8541107E-01	-0.2865681	15.00255
0.500	17.85852	-3.008210	0.2578267E-01	-0.8541107E-01	-0.2058423	-16.62626
1.000	29.16732	-29.22821	0.2578267E-01	-0.8541107E-01	-0.1251165	33.84002

LOADING 30

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	6.517293	23.21213	-0.2460158E-01	0.8591049E-01	0.2855614	15.00360
0.500	17.82609	-3.007869	-0.2460158E-01	0.8591049E-01	0.2085336	-16.62628
1.000	29.13489	-29.22787	-0.2460158E-01	0.8591049E-01	0.1315058	33.83893

LOADING 31

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	6.899327	22.70760	0.3380023E-02	0.5685268E-03	-0.1054783E-01	12.44544

0.500	18.20813	-3.512399	0.3380023E-02	0.5685268E-03	0.3505619E-04	-17.60475
1.000	29.51693	-29.73240	0.3380023E-02	0.5685268E-03	0.1061794E-01	34.44015

LOADING 32

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	4.048312	23.68811	-0.2185948E-02	-0.6209448E-04	0.9542288E-02	17.47057
0.500	15.35711	-2.531894	-0.2185948E-02	-0.6209448E-04	0.2698063E-02	-15.64958
1.000	26.66591	-28.75190	-0.2185948E-02	-0.6209448E-04	-0.4146162E-02	33.32535

LOADING 33

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	6.473026	21.93450	0.5442881E-03	0.2325190E-03	-0.4426249E-03	13.98444
0.500	17.18663	-2.905506	0.5442881E-03	0.2325190E-03	0.1261547E-02	-15.80554
1.000	27.90022	-27.74551	0.5442881E-03	0.2325190E-03	0.2965718E-02	32.17877

LOADING 34

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	6.465936	22.44580	0.5630272E-03	0.2396390E-03	-0.4657357E-03	14.39286
0.500	17.41762	-2.946201	0.5630272E-03	0.2396390E-03	0.1297108E-02	-16.13387
1.000	28.36930	-28.33820	0.5630272E-03	0.2396390E-03	0.3059952E-02	32.84203

LOADING 35

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	6.491910	21.93430	0.5582595E-02	-0.1689976E-01	-0.5765617E-01	13.98385
0.500	17.20551	-2.905699	0.5582595E-02	-0.1689976E-01	-0.4017700E-01	-15.80553
1.000	27.91911	-27.74570	0.5582595E-02	-0.1689976E-01	-0.2269783E-01	32.17940

LOADING 36

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	6.485425	21.93437	-0.4494254E-02	0.1736455E-01	0.5676973E-01	13.98406

0.500	17.19902	-2.905631	-0.4494254E-02	0.1736455E-01	0.4269817E-01	-15.80553
1.000	27.91262	-27.74563	-0.4494254E-02	0.1736455E-01	0.2862662E-01	32.17918

LOADING 37

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	6.561831	21.83346	0.1102066E-02	0.2961606E-03	-0.2452111E-02	13.47243
0.500	17.27543	-3.006537	0.1102066E-02	0.2961606E-03	0.9984676E-03	-16.00122
1.000	27.98903	-27.84654	0.1102066E-02	0.2961606E-03	0.4449046E-02	32.29942

LOADING 38

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	5.991628	22.02957	-0.1112873E-04	0.1700364E-03	0.1565913E-02	14.47745
0.500	16.70523	-2.810436	-0.1112873E-04	0.1700364E-03	0.1531069E-02	-15.61019
1.000	27.41883	-27.65044	-0.1112873E-04	0.1700364E-03	0.1496225E-02	32.07646

LOADING 39

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	6.473026	21.93450	0.5442881E-03	0.2325190E-03	-0.4426249E-03	13.98444
0.500	17.18663	-2.905506	0.5442881E-03	0.2325190E-03	0.1261547E-02	-15.80554
1.000	27.90022	-27.74551	0.5442881E-03	0.2325190E-03	0.2965718E-02	32.17877

LOADING 40 EX + ey: SISMA X positivo, eccentricità positiva

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	0.3479941	-0.3177037E-02	-0.5777472	-1.914660	0.2581044	-0.8866005E-02
0.500	0.3479941	-0.3177037E-02	-0.5777472	-1.914660	-1.550828	0.1081330E-02
1.000	0.3479941	-0.3177037E-02	-0.5777472	-1.914660	-3.359760	0.1102866E-01

LOADING 41 EX - ey: SISMA X positivo, eccentricità negativa

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	0.3558249	-0.4216569E-02	5.175482	-2.040630	-21.77614	-0.1377674E-01

0.500	0.3558249	-0.4216569E-02	5.175482	-2.040630	-5.571656	-0.5746169E-03
1.000	0.3558249	-0.4216569E-02	5.175482	-2.040630	10.63283	0.1262750E-01

LOADING 42 EY + ex: SISMA Y positivo, eccentricità positiva

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	35.68217	-3.149457	-2.057450	-0.1280564	7.418692	-15.92531
0.500	35.68217	-3.149457	-2.057450	-0.1280564	0.9767961	-6.064326
1.000	35.68217	-3.149457	-2.057450	-0.1280564	-5.465100	3.796654

LOADING 43 EY - ex: SISMA Y positivo, eccentricità negativa

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	35.67819	-3.148886	2.101053	0.1328698	-7.576896	-15.92261
0.500	35.67819	-3.148886	2.101053	0.1328698	-0.9984786	-6.063414
1.000	35.67819	-3.148886	2.101053	0.1328698	5.579938	3.795780

LOADING 44

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	17.52567	20.98648	-1.194438	-1.952845	2.483269	9.197977
0.500	28.23927	-3.853520	-1.194438	-1.952845	-1.256528	-17.62376
1.000	38.95287	-28.69352	-1.194438	-1.952845	-4.996325	33.32880

LOADING 45

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-3.883631	22.87615	0.4003205E-01	-1.876011	-1.967946	18.75316
0.500	6.829969	-1.963846	0.4003205E-01	-1.876011	-1.842605	-13.98516
1.000	17.54357	-26.80385	0.4003205E-01	-1.876011	-1.717265	31.05081

LOADING 46

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	17.52448	20.98665	0.5311291E-01	-1.874567	-2.015407	9.198788

0.500	28.23808	-3.853349	0.5311291E-01	-1.874567	-1.849110	-17.62349
1.000	38.95168	-28.69335	0.5311291E-01	-1.874567	-1.682813	33.32854

LOADING 47

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-3.882437	22.87598	-1.207519	-1.954289	2.530730	18.75235
0.500	6.831162	-1.964017	-1.207519	-1.954289	-1.250023	-13.98544
1.000	17.54476	-26.80402	-1.207519	-1.954289	-5.030776	31.05107

LOADING 48

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	16.82968	20.99284	-0.3894348E-01	1.876476	1.967061	9.215710
0.500	27.54328	-3.847166	-0.3894348E-01	1.876476	1.845128	-17.62592
1.000	38.25688	-28.68717	-0.3894348E-01	1.876476	1.723196	33.30674

LOADING 49

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-4.579619	22.88251	1.195526	1.953310	-2.484155	18.77090
0.500	6.133981	-1.957492	1.195526	1.953310	1.259051	-13.98733
1.000	16.84758	-26.79749	1.195526	1.953310	5.002256	31.02875

LOADING 50

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	16.82849	20.99301	1.208607	1.954754	-2.531616	9.216519
0.500	27.54209	-3.846995	1.208607	1.954754	1.252546	-17.62565
1.000	38.25569	-28.68699	1.208607	1.954754	5.036708	33.30648

LOADING 51

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-4.578426	22.88234	-0.5202432E-01	1.875032	2.014522	18.77008

0.500	6.135174	-1.957663	-0.5202432E-01	1.875032	1.851633	-13.98760
1.000	16.84877	-26.79766	-0.5202432E-01	1.875032	1.688744	31.02901

LOADING 52

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	17.53350	20.98544	4.558791	-2.078814	-19.55098	9.193067
0.500	28.24710	-3.854560	4.558791	-2.078814	-5.277356	-17.62542
1.000	38.96070	-28.69456	4.558791	-2.078814	8.996265	33.33039

LOADING 53

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-3.875801	22.87512	5.793261	-2.001981	-24.00219	18.74825
0.500	6.837800	-1.964885	5.793261	-2.001981	-5.863433	-13.98682
1.000	17.55140	-26.80489	5.793261	-2.001981	12.27533	31.05240

LOADING 54

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	17.53231	20.98561	5.806342	-2.000536	-24.04965	9.193876
0.500	28.24591	-3.854388	5.806342	-2.000536	-5.869938	-17.62514
1.000	38.95951	-28.69439	5.806342	-2.000536	12.30978	33.33014

LOADING 55

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-3.874607	22.87494	4.545711	-2.080258	-19.50352	18.74744
0.500	6.838994	-1.965057	4.545711	-2.080258	-5.270851	-13.98709
1.000	17.55259	-26.80506	4.545711	-2.080258	8.961814	31.05267

LOADING 56

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	16.82185	20.99388	-5.792172	2.002446	24.00131	9.220620

0.500	27.53545	-3.846126	-5.792172	2.002446	5.865957	-17.62427
1.000	38.24905	-28.68613	-5.792172	2.002446	-12.26939	33.30514

LOADING 57

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-4.587451	22.88355	-4.557703	2.079279	19.55009	18.77580
0.500	6.126150	-1.956452	-4.557703	2.079279	5.279879	-13.98567
1.000	16.83975	-26.79645	-4.557703	2.079279	-8.990335	31.02715

LOADING 58

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	16.82066	20.99405	-4.544622	2.080724	19.50263	9.221430
0.500	27.53426	-3.845955	-4.544622	2.080724	5.273374	-17.62399
1.000	38.24786	-28.68596	-4.544622	2.080724	-8.955884	33.30488

LOADING 59

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-4.586257	22.88338	-5.805253	2.001002	24.04877	18.77500
0.500	6.127343	-1.956624	-5.805253	2.001002	5.872461	-13.98595
1.000	16.84094	-26.79663	-5.805253	2.001002	-12.30385	31.02741

LOADING 60

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	42.25959	18.78409	-2.230230	-0.7022220	7.495681	-1.943531
0.500	52.97319	-6.055916	-2.230230	-0.7022220	0.5128092	-21.86954
1.000	63.68679	-30.89592	-2.230230	-0.7022220	-6.470062	35.97874

LOADING 61

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	42.05080	18.78599	-1.883581	0.4465742	7.340818	-1.938211

0.500	52.76440	-6.054009	-1.883581	0.4465742	1.443306	-21.87019
1.000	63.47800	-30.89401	-1.883581	0.4465742	-4.454206	35.97212

LOADING 62

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	42.26194	18.78377	-0.5042608	-0.7400129	0.8854065	-1.945004
0.500	52.97554	-6.056228	-0.5042608	-0.7400129	-0.6934393	-21.87004
1.000	63.68914	-30.89623	-0.5042608	-0.7400129	-2.272285	35.97922

LOADING 63

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	42.04845	18.78630	-3.609550	0.4843651	13.95109	-1.936738
0.500	52.76205	-6.053698	-3.609550	0.4843651	2.649555	-21.86970
1.000	63.47565	-30.89370	-3.609550	0.4843651	-8.651983	35.97164

LOADING 64

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-29.10475	25.08300	1.884670	-0.4461092	-7.341704	29.90708
0.500	-18.39115	0.2429974	1.884670	-0.4461092	-1.440783	-9.740893
1.000	-7.677545	-24.59700	1.884670	-0.4461092	4.460138	28.38543

LOADING 65

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-29.31354	25.08491	2.231318	0.7026870	-7.496566	29.91240
0.500	-18.59994	0.2449036	2.231318	0.7026870	-0.5102861	-9.741543
1.000	-7.886342	-24.59510	2.231318	0.7026870	6.475994	28.37881

LOADING 66

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-29.10240	25.08269	3.610639	-0.4839001	-13.95198	29.90561

0.500	-18.38880	0.2426855	3.610639	-0.4839001	-2.647032	-9.741390
1.000	-7.675196	-24.59732	3.610639	-0.4839001	8.657915	28.38591

LOADING 67

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-29.31589	25.08522	0.5053494	0.7404780	-0.8862917	29.91388
0.500	-18.60229	0.2452155	0.5053494	0.7404780	0.6959624	-9.741046
1.000	-7.888690	-24.59479	0.5053494	0.7404780	2.278217	28.37833

LOADING 68

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	42.25562	18.78466	1.928273	-0.4412958	-7.499907	-1.940831
0.500	52.96921	-6.055345	1.928273	-0.4412958	-1.462466	-21.86863
1.000	63.68282	-30.89535	1.928273	-0.4412958	4.574976	35.97786

LOADING 69

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	42.04682	18.78656	2.274921	0.7075003	-7.654770	-1.935512
0.500	52.76042	-6.053439	2.274921	0.7075003	-0.5319687	-21.86928
1.000	63.47402	-30.89344	2.274921	0.7075003	6.590832	35.97124

LOADING 70

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	42.25796	18.78434	3.654241	-0.4790868	-14.11018	-1.942304
0.500	52.97157	-6.055657	3.654241	-0.4790868	-2.668714	-21.86913
1.000	63.68516	-30.89566	3.654241	-0.4790868	8.772754	35.97834

LOADING 71

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	42.04447	18.78687	0.5489523	0.7452913	-1.044495	-1.934039

0.500	52.75807	-6.053127	0.5489523	0.7452913	0.6742799	-21.86878
1.000	63.47167	-30.89313	0.5489523	0.7452913	2.393055	35.97077

LOADING 72

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-29.10077	25.08243	-2.273833	-0.7070353	7.653884	29.90438
0.500	-18.38717	0.2424267	-2.273833	-0.7070353	0.5344918	-9.741806
1.000	-7.673566	-24.59757	-2.273833	-0.7070353	-6.584901	28.38630

LOADING 73

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-29.30956	25.08433	-1.927184	0.4417609	7.499022	29.90970
0.500	-18.59596	0.2443329	-1.927184	0.4417609	1.464989	-9.742455
1.000	-7.882362	-24.59567	-1.927184	0.4417609	-4.569045	28.37968

LOADING 74

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-29.09842	25.08212	-0.5478637	-0.7448263	1.043610	29.90291
0.500	-18.38482	0.2421148	-0.5478637	-0.7448263	-0.6717567	-9.742303
1.000	-7.671216	-24.59789	-0.5478637	-0.7448263	-2.387123	28.38678

LOADING 75

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-29.31191	25.08465	-3.653153	0.4795518	14.10930	29.91117
0.500	-18.59831	0.2446448	-3.653153	0.4795518	2.671237	-9.741959
1.000	-7.884712	-24.59536	-3.653153	0.4795518	-8.766822	28.37921

 --- MEMBER 40 ---

LOADING 1 G1 - PESI PROPRI STRUTTURALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	27.62901	-20.65289	0.1784687E-03	-0.9039073E-04	-0.1052353E-02	-23.87589
0.500		19.59381	-2.022890	0.1784687E-03	-0.9039073E-04	-0.4935657E-03	11.62316
1.000		11.55861	16.60711	0.1784687E-03	-0.9039073E-04	0.6522150E-04	-11.20851

LOADING 2 G2 - SOVRACCARICHI PERMANENTI PORTATI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	0.2710173	-7.092578	0.3195904E-03	-0.1407723E-03	-0.1794073E-02	-8.302854
0.500		-2.407383	-0.8825775	0.3195904E-03	-0.1407723E-03	-0.7934325E-03	4.182293
1.000		-5.085783	5.327423	0.3195904E-03	-0.1407723E-03	0.2072083E-03	-2.776135

LOADING 3 Qk - SOVRACCARICHI ACCIDENTALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-1.138834	-1.826990	0.3819562E-04	-0.1973450E-04	-0.2373051E-03	-1.992875
0.500		-1.882834	-0.1019898	0.3819562E-04	-0.1973450E-04	-0.1177142E-03	1.026953
1.000		-2.626834	1.623010	0.3819562E-04	-0.1973450E-04	0.1876662E-05	-1.354213

LOADING 4 Qn - NEVE

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	2.344611	-2.963387	0.5965938E-04	-0.3250139E-04	-0.3837972E-03	-3.316173
0.500		1.154211	-0.2033864	0.5965938E-04	-0.3250139E-04	-0.1970031E-03	1.641426
1.000		-0.3618897E-01	2.556614	0.5965938E-04	-0.3250139E-04	-0.1020898E-04	-2.042563

LOADING 5 Qv (+X) - VENTO IN DIREZIONE X, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	0.9437597E-01	-0.9676222E-03	0.2507839E-01	0.8570278E-01	0.1284640	-0.3121448E-02
0.500		0.9437597E-01	-0.9676222E-03	0.2507839E-01	0.8570278E-01	0.2069847	-0.9181257E-04
1.000		0.9437597E-01	-0.9676222E-03	0.2507839E-01	0.8570278E-01	0.2855054	0.2937823E-02

LOADING 6 Qv (-X) - VENTO IN DIREZIONE X, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	0.6190666E-01	-0.6111252E-03	-0.2508413E-01	-0.8570098E-01	-0.1284395	-0.2013921E-02
0.500		0.6190666E-01	-0.6111252E-03	-0.2508413E-01	-0.8570098E-01	-0.2069782	-0.1004818E-03
1.000		0.6190666E-01	-0.6111252E-03	-0.2508413E-01	-0.8570098E-01	-0.2855169	0.1812957E-02

LOADING 7 Qv (+Y) - VENTO IN DIREZIONE Y, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-2.420328	0.4713069	-0.2785784E-02	0.3264183E-03	0.7500196E-02	0.5034062
0.500		-2.420328	0.4713069	-0.2785784E-02	0.3264183E-03	-0.1222122E-02	-0.9722607
1.000		-2.420328	0.4713069	-0.2785784E-02	0.3264183E-03	-0.9944440E-02	-2.447927

LOADING 8 Qv (-Y) - VENTO IN DIREZIONE Y, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	0.4573346	-0.5011117	0.2799453E-02	-0.3321994E-03	-0.7576317E-02	-0.5950909
0.500		0.4573346	-0.5011117	0.2799453E-02	-0.3321994E-03	0.1188800E-02	0.9738951
1.000		0.4573346	-0.5011117	0.2799453E-02	-0.3321994E-03	0.9953918E-02	2.542881

LOADING 9

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	36.40518	-41.03300	0.2332007E-01	0.7677801E-01	0.1112734	-47.31161
0.500		20.46870	-4.083503	0.2332007E-01	0.7677801E-01	0.1842888	23.31851
1.000		4.532222	32.86600	0.2332007E-01	0.7677801E-01	0.2573041	-21.74063

LOADING 10

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	36.37596	-41.03268	-0.2182620E-01	-0.7748538E-01	-0.1199397	-47.31061
0.500		20.43948	-4.083182	-0.2182620E-01	-0.7748538E-01	-0.1882778	23.31850
1.000		4.503000	32.86632	-0.2182620E-01	-0.7748538E-01	-0.2566159	-21.74165

LOADING 11

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	34.14195	-40.60796	-0.1757691E-02	-0.6071325E-04	0.2406017E-02	-46.85574
0.500		18.20547	-3.658456	-0.1757691E-02	-0.6071325E-04	-0.3097331E-02	22.44356
1.000		2.268989	33.29105	-0.1757691E-02	-0.6071325E-04	-0.8600678E-02	-23.94641

LOADING 12

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	36.73185	-41.48313	0.3269023E-02	-0.6534692E-03	-0.1116285E-01	-47.84438
0.500		20.79536	-4.533632	0.3269023E-02	-0.6534692E-03	-0.9275011E-03	24.19510
1.000		4.858885	32.41587	0.3269023E-02	-0.6534692E-03	0.9307843E-02	-19.45469

LOADING 13

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	39.87189	-40.51506	0.2330752E-01	0.7678323E-01	0.1113415	-46.80943
0.500		24.15861	-4.083058	0.2330752E-01	0.7678323E-01	0.1843176	23.00915
1.000		8.445332	32.34895	0.2330752E-01	0.7678323E-01	0.2572936	-21.24124

LOADING 14

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	39.84267	-40.51474	-0.2183875E-01	-0.7748014E-01	-0.1198716	-46.80843
0.500		24.12939	-4.082737	-0.2183875E-01	-0.7748014E-01	-0.1882490	23.00914
1.000		8.416109	32.34926	-0.2183875E-01	-0.7748014E-01	-0.2566263	-21.24225

LOADING 15

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	37.60866	-40.09001	-0.1770240E-02	-0.5548754E-04	0.2474127E-02	-46.35355
0.500		21.89538	-3.658011	-0.1770240E-02	-0.5548754E-04	-0.3068512E-02	22.13420
1.000		6.182099	32.77399	-0.1770240E-02	-0.5548754E-04	-0.8611150E-02	-23.44702

LOADING 16

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	40.19855	-40.96519	0.3256474E-02	-0.6482435E-03	-0.1109474E-01	-47.34220	
0.500	24.48528	-4.533187	0.3256474E-02	-0.6482435E-03	-0.8986822E-03	23.88574	
1.000	8.771995	31.89881	0.3256474E-02	-0.6482435E-03	0.9297370E-02	-18.95529	

LOADING 17

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	38.17006	-38.29310	0.3830981E-01	0.1282293	0.1887077	-44.32417	
0.500	23.34958	-3.931098	0.3830981E-01	0.1282293	0.3086561	21.77802	
1.000	8.529099	30.43090	0.3830981E-01	0.1282293	0.4286045	-19.70755	

LOADING 18

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	38.12135	-38.29256	-0.3693397E-01	-0.1288764	-0.1966475	-44.32251	
0.500	23.30087	-3.930563	-0.3693397E-01	-0.1288764	-0.3122882	21.77801	
1.000	8.480395	30.43144	-0.3693397E-01	-0.1288764	-0.4279288	-19.70924	

LOADING 19

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	34.39800	-37.58469	-0.3486454E-02	0.1647395E-03	0.7262092E-02	-43.56438	
0.500	19.57752	-3.222687	-0.3486454E-02	0.1647395E-03	-0.3654032E-02	20.31977	
1.000	4.757044	31.13931	-0.3486454E-02	0.1647395E-03	-0.1457016E-01	-23.38385	

LOADING 20

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	38.71450	-39.04331	0.4891402E-02	-0.8231871E-03	-0.1535268E-01	-45.21212	
0.500	23.89402	-4.681314	0.4891402E-02	-0.8231871E-03	-0.3764961E-04	23.23900	
1.000	9.073537	29.68069	0.4891402E-02	-0.8231871E-03	0.1527738E-01	-15.89764	

LOADING 21

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	27.99013	-31.05473	0.1561312E-01	0.5115452E-01	0.7380275E-01	-35.83157
0.500		15.93733	-3.109731	0.1561312E-01	0.5115452E-01	0.1226876	17.65307
1.000		3.884525	24.83527	0.1561312E-01	0.5115452E-01	0.1715724	-16.35838

LOADING 22

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	27.97065	-31.05452	-0.1448439E-01	-0.5168774E-01	-0.8033936E-01	-35.83091
0.500		15.91784	-3.109517	-0.1448439E-01	-0.5168774E-01	-0.1256901	17.65306
1.000		3.865044	24.83549	-0.1448439E-01	-0.5168774E-01	-0.1710409	-16.35905

LOADING 23

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	26.48130	-30.77137	-0.1105386E-02	-0.7129724E-04	0.1224488E-02	-35.52766
0.500		14.42850	-2.826366	-0.1105386E-02	-0.7129724E-04	-0.2236487E-02	17.06977
1.000		2.375703	25.11864	-0.1105386E-02	-0.7129724E-04	-0.5697463E-02	-17.82890

LOADING 24

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	28.20790	-31.35482	0.2245757E-02	-0.4664679E-03	-0.7821420E-02	-36.18676
0.500		16.15510	-3.409817	0.2245757E-02	-0.4664679E-03	-0.7899338E-03	18.23746
1.000		4.102301	24.53518	0.2245757E-02	-0.4664679E-03	0.6241553E-02	-14.83441

LOADING 25

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	30.30127	-30.70943	0.1560475E-01	0.5115800E-01	0.7384816E-01	-35.49678
0.500		18.39726	-3.109434	0.1560475E-01	0.5115800E-01	0.1227068	17.44683
1.000		6.493265	24.49057	0.1560475E-01	0.5115800E-01	0.1715654	-16.02544

LOADING 26

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	30.28178	-30.70922	-0.1449276E-01	-0.5168425E-01	-0.8029395E-01	-35.49612
0.500		18.37778	-3.109220	-0.1449276E-01	-0.5168425E-01	-0.1256709	17.44682
1.000		6.473783	24.49078	-0.1449276E-01	-0.5168425E-01	-0.1710479	-16.02612

LOADING 27

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	28.79244	-30.42607	-0.1113752E-02	-0.6781342E-04	0.1269895E-02	-35.19287
0.500		16.88844	-2.826069	-0.1113752E-02	-0.6781342E-04	-0.2217274E-02	16.86353
1.000		4.984443	24.77393	-0.1113752E-02	-0.6781342E-04	-0.5704443E-02	-17.49596

LOADING 28

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	30.51904	-31.00952	0.2237390E-02	-0.4629841E-03	-0.7776014E-02	-35.85197
0.500		18.61504	-3.409521	0.2237390E-02	-0.4629841E-03	-0.7707212E-03	18.03122
1.000		6.711040	24.19048	0.2237390E-02	-0.4629841E-03	0.6234572E-02	-14.50148

LOADING 29

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	29.16671	-29.22813	0.2560628E-01	0.8545536E-01	0.1254256	-33.83995
0.500		17.85791	-3.008128	0.2560628E-01	0.8545536E-01	0.2055991	16.62608
1.000		6.549110	23.21187	0.2560628E-01	0.8545536E-01	0.2857727	-15.00299

LOADING 30

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	29.13424	-29.22777	-0.2455624E-01	-0.8594840E-01	-0.1314779	-33.83884
0.500		17.82544	-3.007771	-0.2455624E-01	-0.8594840E-01	-0.2083637	16.62607
1.000		6.516641	23.21223	-0.2455624E-01	-0.8594840E-01	-0.2852496	-15.00411

LOADING 31

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	26.65201	-28.75585	-0.2257895E-02	0.7900460E-04	0.4461871E-02	-33.33342	
0.500	15.34321	-2.535853	-0.2257895E-02	0.7900460E-04	-0.2607622E-02	15.65391	
1.000	4.034406	23.68415	-0.2257895E-02	0.7900460E-04	-0.9677114E-02	-17.45385	

LOADING 32

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	29.52967	-29.72827	0.3327342E-02	-0.5796131E-03	-0.1061464E-01	-34.43192	
0.500	18.22087	-3.508272	0.3327342E-02	-0.5796131E-03	-0.1966995E-03	17.60007	
1.000	6.912069	22.71173	0.3327342E-02	-0.5796131E-03	0.1022124E-01	-12.46305	

LOADING 33

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	27.90003	-27.74547	0.4980590E-03	-0.2311631E-03	-0.2846426E-02	-32.17874	
0.500	17.18643	-2.905467	0.4980590E-03	-0.2311631E-03	-0.1286998E-02	15.80546	
1.000	6.472828	21.93453	0.4980590E-03	-0.2311631E-03	0.2724298E-03	-13.98465	

LOADING 34

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	28.36895	-28.33815	0.5099910E-03	-0.2376633E-03	-0.2923186E-02	-32.84197	
0.500	17.41727	-2.946145	0.5099910E-03	-0.2376633E-03	-0.1326399E-02	16.13374	
1.000	6.465591	22.44586	0.5099910E-03	-0.2376633E-03	0.2703880E-03	-14.39316	

LOADING 35

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	27.91890	-27.74566	0.5513737E-02	0.1690939E-01	0.2284637E-01	-32.17936	
0.500	17.20530	-2.905661	0.5513737E-02	0.1690939E-01	0.4010993E-01	15.80544	
1.000	6.491704	21.93434	0.5513737E-02	0.1690939E-01	0.5737350E-01	-13.98406	

LOADING 36

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	27.91241	-27.74559	-0.4518767E-02	-0.1737136E-01	-0.2853433E-01	-32.17914
0.500		17.19881	-2.905590	-0.4518767E-02	-0.1737136E-01	-0.4268264E-01	15.80544
1.000		6.485210	21.93441	-0.4518767E-02	-0.1737136E-01	-0.5683095E-01	-13.98428

LOADING 37

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	27.41596	-27.65121	-0.5909775E-04	-0.1658794E-03	-0.1346387E-02	-32.07806
0.500		16.70236	-2.811206	-0.5909775E-04	-0.1658794E-03	-0.1531423E-02	15.61100
1.000		5.988763	22.02880	-0.5909775E-04	-0.1658794E-03	-0.1716458E-02	-14.47423

LOADING 38

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	27.99150	-27.84569	0.1057950E-02	-0.2976029E-03	-0.4361690E-02	-32.29776
0.500		17.27789	-3.005689	0.1057950E-02	-0.2976029E-03	-0.1049238E-02	16.00024
1.000		6.564296	21.83431	0.1057950E-02	-0.2976029E-03	0.2263213E-02	-13.47607

LOADING 39

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	27.90003	-27.74547	0.4980590E-03	-0.2311631E-03	-0.2846426E-02	-32.17874
0.500		17.18643	-2.905467	0.4980590E-03	-0.2311631E-03	-0.1286998E-02	15.80546
1.000		6.472828	21.93453	0.4980590E-03	-0.2311631E-03	0.2724298E-03	-13.98465

LOADING 40 EX + ey: SISMA X positivo, eccentricità positiva

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	0.3565926	-0.4428214E-02	5.174634	2.041001	-10.63514	-0.1289854E-01
0.500		0.3565926	-0.4428214E-02	5.174634	2.041001	5.566696	0.9662419E-03
1.000		0.3565926	-0.4428214E-02	5.174634	2.041001	21.76853	0.1483103E-01

LOADING 41 EX - ey: SISMA X positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	0.3480341	-0.3302892E-02	-0.5781598	1.915330	3.356907	-0.1111132E-01
0.500		0.3480341	-0.3302892E-02	-0.5781598	1.915330	1.546682	-0.7699275E-03
1.000		0.3480341	-0.3302892E-02	-0.5781598	1.915330	-0.2635417	0.9571463E-02

LOADING 42 EY + ex: SISMA Y positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-35.75671	3.123832	2.060072	-0.1276854	-5.470829	3.744770
0.500		-35.75671	3.123832	2.060072	-0.1276854	0.9792780	-6.035981
1.000		-35.75671	3.123832	2.060072	-0.1276854	7.429385	-15.81673

LOADING 43 EY - ex: SISMA Y positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-35.75171	3.123209	-2.104176	0.1329111	5.590541	3.743776
0.500		-35.75171	3.123209	-2.104176	0.1329111	-0.9976541	-6.035025
1.000		-35.75171	3.123209	-2.104176	0.1329111	-7.585850	-15.81383

LOADING 44

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	17.52961	-26.81275	5.793154	2.002465	-12.27923	-31.06821
0.500		6.816007	-1.972746	5.793154	2.002465	5.859193	13.99563
1.000		-3.897593	22.86726	5.793154	2.002465	23.99762	-18.71483

LOADING 45

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	38.98363	-28.68705	4.557111	2.079076	-8.996734	-33.31507
0.500		28.27003	-3.847045	4.557111	2.079076	5.271626	17.61722
1.000		17.55643	20.99296	4.557111	2.079076	19.53999	-9.224793

LOADING 46

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	17.53111	-26.81293	4.543880	2.080643	-8.960820	-31.06850
0.500		6.817507	-1.972933	4.543880	2.080643	5.266113	13.99592
1.000		-3.896093	22.86707	4.543880	2.080643	19.49305	-18.71396

LOADING 47

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	38.98214	-28.68686	5.806385	2.000897	-12.31515	-33.31477
0.500		28.26854	-3.846858	5.806385	2.000897	5.864706	17.61693
1.000		17.55494	20.99314	5.806385	2.000897	24.04456	-9.225665

LOADING 48

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	16.81642	-26.80389	-4.556114	-2.079538	8.991041	-31.04241
0.500		6.102821	-1.963889	-4.556114	-2.079538	-5.274200	13.99370
1.000		-4.610779	22.87611	-4.556114	-2.079538	-19.53944	-18.74450

LOADING 49

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	38.27045	-28.67819	-5.792158	-2.002927	12.27354	-33.28927
0.500		27.55685	-3.838189	-5.792158	-2.002927	-5.861767	17.61528
1.000		16.84325	21.00181	-5.792158	-2.002927	-23.99707	-9.254456

LOADING 50

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	16.81792	-26.80408	-5.805389	-2.001359	12.30945	-31.04271
0.500		6.104322	-1.964076	-5.805389	-2.001359	-5.867280	13.99398
1.000		-4.609278	22.87593	-5.805389	-2.001359	-24.04401	-18.74362

LOADING 51

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	38.26895	-28.67800	-4.542883	-2.081106	8.955128	-33.28897
0.500		27.55535	-3.838002	-4.542883	-2.081106	-5.268687	17.61500
1.000		16.84175	21.00200	-4.542883	-2.081106	-19.49250	-9.255328

LOADING 52

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	17.52105	-26.81162	0.4035994E-01	1.876793	1.712811	-31.06642
0.500		6.807448	-1.971620	0.4035994E-01	1.876793	1.839179	13.99389
1.000		-3.906152	22.86838	0.4035994E-01	1.876793	1.965546	-18.72009

LOADING 53

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	38.97508	-28.68592	-1.195683	1.953404	4.995309	-33.31329
0.500		28.26148	-3.845920	-1.195683	1.953404	1.251612	17.61548
1.000		17.54788	20.99408	-1.195683	1.953404	-2.492085	-9.230054

LOADING 54

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	17.52255	-26.81181	-1.208914	1.954972	5.031223	-31.06672
0.500		6.808949	-1.971807	-1.208914	1.954972	1.246099	13.99418
1.000		-3.904652	22.86819	-1.208914	1.954972	-2.539024	-18.71922

LOADING 55

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	38.97358	-28.68573	0.5359098E-01	1.875225	1.676898	-33.31298
0.500		28.25998	-3.845733	0.5359098E-01	1.875225	1.844692	17.61519
1.000		17.54638	20.99427	0.5359098E-01	1.875225	2.012486	-9.230926

LOADING 56

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	16.82498	-26.80502	1.196679	-1.953866	-5.001002	-31.04420
0.500		6.111380	-1.965014	1.196679	-1.953866	-1.254186	13.99543
1.000		-4.602220	22.87499	1.196679	-1.953866	2.492630	-18.73924

LOADING 57

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	38.27901	-28.67932	-0.3936381E-01	-1.877255	-1.718504	-33.29106
0.500		27.56541	-3.839314	-0.3936381E-01	-1.877255	-1.841753	17.61702
1.000		16.85181	21.00069	-0.3936381E-01	-1.877255	-1.965001	-9.249197

LOADING 58

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	16.82648	-26.80520	-0.5259486E-01	-1.875687	-1.682591	-31.04449
0.500		6.112880	-1.965201	-0.5259486E-01	-1.875687	-1.847266	13.99572
1.000		-4.600720	22.87480	-0.5259486E-01	-1.875687	-2.011941	-18.73837

LOADING 59

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	38.27751	-28.67913	1.209911	-1.955434	-5.036916	-33.29076
0.500		27.56391	-3.839127	1.209911	-1.955434	-1.248673	17.61673
1.000		16.85031	21.00088	1.209911	-1.955434	2.539569	-9.250069

LOADING 60

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-7.749707	-24.62296	3.612960	0.4843838	-8.664217	-28.43784
0.500		-18.46331	0.2170369	3.612960	0.4843838	2.648000	9.769766
1.000		-29.17691	25.05704	3.612960	0.4843838	13.96022	-29.79693

LOADING 61

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-7.963663	-24.62031	0.5081798	-0.7402171	-2.283134	-28.43010
0.500		-18.67726	0.2196938	0.5081798	-0.7402171	-0.6920180	9.769187
1.000		-29.39086	25.05969	0.5081798	-0.7402171	0.8990983	-29.80583

LOADING 62

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-7.752275	-24.62263	1.887122	0.4466823	-4.466604	-28.43730
0.500		-18.46588	0.2173745	1.887122	0.4466823	1.441996	9.769245
1.000		-29.17948	25.05737	1.887122	0.4466823	7.350595	-29.79851

LOADING 63

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-7.961095	-24.62065	2.234018	-0.7025155	-6.480747	-28.43064
0.500		-18.67470	0.2193562	2.234018	-0.7025155	0.5139862	9.769707
1.000		-29.38830	25.05936	2.234018	-0.7025155	7.508720	-29.80425

LOADING 64

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	63.76372	-30.87063	-0.5071838	0.7397547	2.277442	-35.92738
0.500		53.05012	-6.030628	-0.5071838	0.7397547	0.6894441	21.84173
1.000		42.33652	18.80937	-0.5071838	0.7397547	-0.8985535	1.836537

LOADING 65

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	63.54976	-30.86797	-3.611964	-0.4848461	8.658524	-35.91964
0.500		52.83617	-6.027971	-3.611964	-0.4848461	-2.650574	21.84115
1.000		42.12256	18.81203	-3.611964	-0.4848461	-13.95967	1.827639

LOADING 66

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	63.76115	-30.87029	-2.233022	0.7020532	6.475054	-35.92685
0.500		53.04755	-6.030291	-2.233022	0.7020532	-0.5165602	21.84121
1.000		42.33395	18.80971	-2.233022	0.7020532	-7.508175	1.834960

LOADING 67

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	63.55233	-30.86831	-1.886126	-0.4471446	4.460911	-35.92018
0.500		52.83873	-6.028309	-1.886126	-0.4471446	-1.444570	21.84167
1.000		42.12513	18.81169	-1.886126	-0.4471446	-7.350050	1.829217

LOADING 68

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-7.744707	-24.62359	-0.5512872	0.7449803	2.397154	-28.43884
0.500		-18.45831	0.2164138	-0.5512872	0.7449803	0.6710678	9.770721
1.000		-29.17191	25.05642	-0.5512872	0.7449803	-1.055018	-29.79402

LOADING 69

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-7.958663	-24.62093	-3.656068	-0.4796205	8.778236	-28.43109
0.500		-18.67226	0.2190707	-3.656068	-0.4796205	-2.668950	9.770143
1.000		-29.38586	25.05907	-3.656068	-0.4796205	-14.11614	-29.80292

LOADING 70

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-7.747275	-24.62325	-2.277126	0.7072788	6.594767	-28.43830
0.500		-18.46087	0.2167514	-2.277126	0.7072788	-0.5349363	9.770201
1.000		-29.17447	25.05675	-2.277126	0.7072788	-7.664640	-29.79560

LOADING 71

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-7.956095	-24.62127	-1.930230	-0.4419189	4.580623	-28.43163
0.500		-18.66970	0.2187331	-1.930230	-0.4419189	-1.462946	9.770663
1.000		-29.38330	25.05873	-1.930230	-0.4419189	-7.506514	-29.80134

LOADING 72

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	63.75872	-30.87001	3.657064	0.4791582	-8.783929	-35.92639
0.500		53.04512	-6.030005	3.657064	0.4791582	2.666376	21.84077
1.000		42.33152	18.81000	3.657064	0.4791582	14.11668	1.833630

LOADING 73

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	63.54477	-30.86735	0.5522833	-0.7454427	-2.402847	-35.91864
0.500		52.83117	-6.027349	0.5522833	-0.7454427	-0.6736419	21.84019
1.000		42.11757	18.81265	0.5522833	-0.7454427	1.055563	1.824732

LOADING 74

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	63.75616	-30.86967	1.931226	0.4414567	-4.586316	-35.92585
0.500		53.04255	-6.029667	1.931226	0.4414567	1.460372	21.84025
1.000		42.32895	18.81034	1.931226	0.4414567	7.507060	1.832052

LOADING 75

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	63.54733	-30.86769	2.278122	-0.7077411	-6.600460	-35.91919
0.500		52.83373	-6.027686	2.278122	-0.7077411	0.5323623	21.84071
1.000		42.12013	18.81231	2.278122	-0.7077411	7.665185	1.826310

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LOADING 1 G1 - PESI PROPRI STRUTTURALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-15.38108	16.88881	4.941788	1.417703	-8.163465	12.12264
0.500		-7.345883	-1.741191	4.941788	1.417703	7.309324	-11.59103
1.000		0.6893167	-20.37119	4.941788	1.417703	22.78211	23.02601

LOADING 2 G2 - SOVRACCARICHI PERMANENTI PORTATI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-13.44577	5.436799	1.603386	0.4676714	-2.552586	3.152412
0.500		-10.76737	-0.7732013	1.603386	0.4676714	2.467632	-4.148474
1.000		-8.088968	-6.983202	1.603386	0.4676714	7.487851	7.994215

LOADING 3 Qk - SOVRACCARICHI ACCIDENTALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-5.245532	1.646756	0.4658598	0.1422829	-0.7299939	1.427960
0.500		-4.501532	-0.7824420E-01	0.4658598	0.1422829	0.7286178	-1.027553
1.000		-3.757532	-1.803244	0.4658598	0.1422829	2.187229	1.917927

LOADING 4 Qn - NEVE

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-5.060531	2.600191	0.8300911	0.2512035	-1.330619	2.175327
0.500		-3.870131	-0.1598088	0.8300911	0.2512035	1.268405	-1.645105
1.000		-2.679731	-2.919809	0.8300911	0.2512035	3.867428	3.176053

LOADING 5 Qv (+X) - VENTO IN DIREZIONE X, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	0.9637808	-0.9624572E-02	0.8450509E-01	-0.9766426E-01	-0.3970543	-0.2950708E-01
0.500		0.9637808	-0.9624572E-02	0.8450509E-01	-0.9766426E-01	-0.1324680	0.6275563E-03
1.000		0.9637808	-0.9624572E-02	0.8450509E-01	-0.9766426E-01	0.1321183	0.3076219E-01

LOADING 6 Qv (-X) - VENTO IN DIREZIONE X, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-0.3520994	0.4221982E-02	-0.1052979	0.8793196E-01	0.4081801	0.1319866E-01
0.500		-0.3520994	0.4221982E-02	-0.1052979	0.8793196E-01	0.7849119E-01	-0.2040595E-04
1.000		-0.3520994	0.4221982E-02	-0.1052979	0.8793196E-01	-0.2511977	-0.1323947E-01

LOADING 7 Qv (+Y) - VENTO IN DIREZIONE Y, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-6.180009	-0.4067060	1.261554	0.8345433E-01	-3.727576	-1.979559
0.500		-6.180009	-0.4067060	1.261554	0.8345433E-01	0.2223632	-0.7061586
1.000		-6.180009	-0.4067060	1.261554	0.8345433E-01	4.172302	0.5672420

LOADING 8 Qv (-Y) - VENTO IN DIREZIONE Y, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	3.930336	0.3800139	-1.246147	-0.7746161E-01	3.681061	1.894311
0.500		3.930336	0.3800139	-1.246147	-0.7746161E-01	-0.2206361	0.7044838
1.000		3.930336	0.3800139	-1.246147	-0.7746161E-01	-4.122334	-0.4853438

LOADING 9

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-48.27120	33.43491	9.906138	2.764916	-16.38117	23.60445
0.500		-32.33472	-3.514595	9.906138	2.764916	14.63505	-23.23595
1.000		-16.39824	-40.46410	9.906138	2.764916	45.65127	45.61291

LOADING 10

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-49.45549	33.44737	9.735316	2.931952	-15.65646	23.64288
0.500		-33.51901	-3.502133	9.735316	2.931952	14.82491	-23.23654
1.000		-17.58253	-40.45164	9.735316	2.931952	45.30629	45.57331

LOADING 11

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-54.70061	33.07753	10.96548	2.927923	-19.37864	21.84940
0.500		-38.76413	-3.871968	10.96548	2.927923	14.95440	-23.87206
1.000		-22.82765	-40.82147	10.96548	2.927923	49.28744	46.09575

LOADING 12

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-45.60130	33.78558	8.708551	2.783098	-12.71087	25.33588
0.500		-29.66482	-3.163920	8.708551	2.783098	14.55570	-22.60248
1.000		-13.72834	-40.11342	8.708551	2.783098	41.82227	45.14841

LOADING 13

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-44.19830	32.91491	9.829917	2.739894	-16.28414	23.09400
0.500		-28.48502	-3.517085	9.829917	2.739894	14.49343	-22.92845
1.000		-12.77174	-39.94909	9.829917	2.739894	45.27100	45.11806

LOADING 14

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-45.38260	32.92738	9.659095	2.906931	-15.55943	23.13244
0.500		-29.66931	-3.504623	9.659095	2.906931	14.68329	-22.92904
1.000		-13.95603	-39.93662	9.659095	2.906931	44.92601	45.07846

LOADING 15

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-50.62771	32.55754	10.88926	2.902901	-19.28161	21.33895
0.500		-34.91443	-3.874458	10.88926	2.902901	14.81278	-23.56456
1.000		-19.20115	-40.30646	10.88926	2.902901	48.90716	45.60089

LOADING 16

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-41.52840	33.26559	8.632331	2.758077	-12.61384	24.82544
0.500		-25.81512	-3.166410	8.632331	2.758077	14.41408	-22.29498
1.000		-10.10184	-39.59841	8.632331	2.758077	41.44199	44.65356

LOADING 17

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-39.82463	30.95900	9.258052	2.492893	-15.52441	21.44480
0.500		-25.00415	-3.403003	9.258052	2.492893	13.46264	-21.69425
1.000		-10.18367	-37.76501	9.258052	2.492893	42.44970	42.75448

LOADING 18

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-41.79845	30.97977	8.973348	2.771287	-14.31656	21.50886
0.500		-26.97797	-3.382233	8.973348	2.771287	13.77908	-21.69522
1.000		-12.15749	-37.74423	8.973348	2.771287	41.87473	42.68847

LOADING 19

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-50.54032	30.36337	11.02363	2.764571	-20.52019	18.51972
0.500		-35.71984	-3.998625	11.02363	2.764571	13.99489	-22.75443
1.000		-20.89936	-38.36062	11.02363	2.764571	48.50998	43.55920

LOADING 20

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-35.37480	31.54346	7.262074	2.523197	-9.407237	24.33053
0.500		-20.55432	-2.818545	7.262074	2.523197	13.33039	-20.63846
1.000		-5.733840	-37.18055	7.262074	2.523197	36.06802	41.98032

LOADING 21

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-36.02438	25.26669	7.476782	2.094661	-12.34959	17.77297
0.500		-23.97158	-2.678315	7.476782	2.094661	11.06030	-17.58924
1.000		-11.91878	-30.62332	7.476782	2.094661	34.47018	34.54464

LOADING 22

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-36.81391	25.27499	7.362901	2.206018	-11.86645	17.79860
0.500		-24.76111	-2.670007	7.362901	2.206018	11.18687	-17.58963
1.000		-12.70831	-30.61501	7.362901	2.206018	34.24019	34.51824

LOADING 23

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-40.31066	25.02844	8.183012	2.203331	-14.34790	16.60294
0.500		-28.25785	-2.916564	8.183012	2.203331	11.27319	-18.01331
1.000		-16.20506	-30.86156	8.183012	2.203331	36.89429	34.86653

LOADING 24

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-34.24445	25.50047	6.678391	2.106782	-9.902718	18.92726
0.500		-22.19165	-2.444532	6.678391	2.106782	11.00739	-17.16692
1.000		-10.13885	-30.38953	6.678391	2.106782	31.91751	34.23497

LOADING 25

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-33.30912	24.92002	7.425968	2.077979	-12.28490	17.43267
0.500		-21.40511	-2.679976	7.425968	2.077979	10.96588	-17.38424
1.000		-9.501115	-30.27998	7.425968	2.077979	34.21666	34.21474

LOADING 26

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-34.09864	24.92833	7.312086	2.189337	-11.80176	17.45830
0.500		-22.19464	-2.671668	7.312086	2.189337	11.09246	-17.38463
1.000		-10.29064	-30.27167	7.312086	2.189337	33.98667	34.18834

LOADING 27

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-37.59539	24.68178	8.132197	2.186651	-14.28321	16.26264
0.500		-25.69139	-2.918225	8.132197	2.186651	11.17878	-17.80831
1.000		-13.78739	-30.51822	8.132197	2.186651	36.64077	34.53662

LOADING 28

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-31.52918	25.15381	6.627577	2.090101	-9.838033	18.58697
0.500		-19.62518	-2.446193	6.627577	2.090101	10.91298	-16.96192
1.000		-7.721181	-30.04619	6.627577	2.090101	31.66399	33.90507

LOADING 29

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-30.39334	23.61608	7.044725	1.913312	-11.77841	16.33321
0.500		-19.08454	-2.603921	7.044725	1.913312	10.27869	-16.56143
1.000		-7.775736	-28.82392	7.044725	1.913312	32.33579	32.63902

LOADING 30

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-31.70922	23.62993	6.854922	2.098908	-10.97318	16.37592
0.500		-20.40042	-2.590075	6.854922	2.098908	10.48965	-16.56208
1.000		-9.091617	-28.81008	6.854922	2.098908	31.95248	32.59502

LOADING 31

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-37.53712	23.21900	8.221773	2.094430	-15.10894	14.38316
0.500		-26.22832	-3.001003	8.221773	2.094430	10.63352	-17.26822
1.000		-14.91953	-29.22100	8.221773	2.094430	36.37598	33.17550

LOADING 32

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-27.42678	24.00572	5.714073	1.933515	-7.700299	18.25703
0.500		-16.11798	-2.214283	5.714073	1.933515	10.19052	-15.85758
1.000		-4.809181	-28.43428	5.714073	1.933515	28.08134	32.12291

LOADING 33

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-28.82685	22.32561	6.545174	1.885374	-10.71605	15.27505
0.500		-18.11325	-2.514392	6.545174	1.885374	9.776956	-15.73951
1.000		-7.399651	-27.35439	6.545174	1.885374	30.26996	31.02023

LOADING 34

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-29.83896	22.84565	6.711192	1.935615	-10.98217	15.71012
0.500		-18.88728	-2.546354	6.711192	1.935615	10.03064	-16.06853
1.000		-7.935598	-27.93835	6.711192	1.935615	31.04345	31.65544

LOADING 35

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-28.63409	22.32368	6.562075	1.865842	-10.79546	15.26915
0.500		-17.92050	-2.516317	6.562075	1.865842	9.750463	-15.73938
1.000		-7.206895	-27.35632	6.562075	1.865842	30.29639	31.02638

LOADING 36

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-28.89727	22.32645	6.524115	1.902961	-10.63441	15.27769
0.500		-18.18367	-2.513548	6.524115	1.902961	9.792654	-15.73951
1.000		-7.470071	-27.35355	6.524115	1.902961	30.21972	31.01758

LOADING 37

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-30.06285	22.24427	6.797485	1.902065	-11.46157	14.87914
0.500		-19.34925	-2.595733	6.797485	1.902065	9.821428	-15.88074
1.000		-8.635653	-27.43574	6.797485	1.902065	31.10442	31.13367

LOADING 38

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-28.04078	22.40161	6.295945	1.869882	-9.979838	15.65392
0.500		-17.32718	-2.438389	6.295945	1.869882	9.732829	-15.59861
1.000		-6.613584	-27.27839	6.295945	1.869882	29.44550	30.92316

LOADING 39

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-28.82685	22.32561	6.545174	1.885374	-10.71605	15.27505
0.500		-18.11325	-2.514392	6.545174	1.885374	9.776956	-15.73951
1.000		-7.399651	-27.35439	6.545174	1.885374	30.26996	31.02023

LOADING 40 EX + ey: SISMA X positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	30.45365	-0.3188026	1.362711	-2.235618	-6.594498	-1.071326
0.500		30.45365	-0.3188026	1.362711	-2.235618	-2.327834	-0.7315145E-01
1.000		30.45365	-0.3188026	1.362711	-2.235618	1.938829	0.9250229

LOADING 41 EX - ey: SISMA X positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	22.85081	-0.2078800	5.045952	-2.554040	-19.77875	-0.5454654
0.500		22.85081	-0.2078800	5.045952	-2.554040	-3.979821	0.1054089
1.000		22.85081	-0.2078800	5.045952	-2.554040	11.81911	0.7562832

LOADING 42 EY + ex: SISMA Y positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	53.16162	-3.566724	-2.705934	0.4759414	7.785174	-17.28862
0.500		53.16162	-3.566724	-2.705934	0.4759414	-0.6871318	-6.121171
1.000		53.16162	-3.566724	-2.705934	0.4759414	-9.159438	5.046277

LOADING 43 EY - ex: SISMA Y positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	41.02234	-3.049250	-0.3472980	0.5406280	0.6796986	-14.81205
0.500		41.02234	-3.049250	-0.3472980	0.5406280	-0.4076948	-5.264819
1.000		41.02234	-3.049250	-0.3472980	0.5406280	-1.495088	4.282412

LOADING 44

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	17.57529	20.93679	7.096105	-0.2074609	-14.97500	9.017141
0.500		28.28889	-3.903212	7.096105	-0.2074609	7.242983	-17.64901
1.000		39.00249	-28.74321	7.096105	-0.2074609	29.46096	33.45913

LOADING 45

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-14.32169	23.07682	8.719666	-0.4930257	-19.64610	19.39031
0.500		-3.608087	-1.763178	8.719666	-0.4930257	7.655262	-13.97631
1.000		7.105514	-26.60318	8.719666	-0.4930257	34.95662	30.43137

LOADING 46

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	13.93350	21.09203	7.803696	-0.1880549	-17.10664	9.760111
0.500		24.64710	-3.747970	7.803696	-0.1880549	7.326813	-17.39211
1.000		35.36070	-28.58797	7.803696	-0.1880549	31.76026	33.22997

LOADING 47

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-10.67990	22.92158	8.012075	-0.5124317	-17.51446	18.64734
0.500		0.3369863E-01	-1.918420	8.012075	-0.5124317	7.571430	-14.23321
1.000		10.74730	-26.75842	8.012075	-0.5124317	32.65732	30.66052

LOADING 48

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-43.33202	21.57440	4.370683	4.263774	-1.786001	11.15979
0.500		-32.61842	-3.265607	4.370683	4.263774	11.89865	-17.50271
1.000		-21.90482	-28.10561	4.370683	4.263774	25.58330	31.60909

LOADING 49

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-75.22899	23.71443	5.994243	3.978210	-6.457106	21.53296
0.500		-64.51539	-1.125572	5.994243	3.978210	12.31093	-13.83001
1.000		-53.80179	-25.96557	5.994243	3.978210	31.07896	28.58132

LOADING 50

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-46.97380	21.72964	5.078273	4.283181	-3.917643	11.90276
0.500		-36.26020	-3.110364	5.078273	4.283181	11.98248	-17.24580
1.000		-25.54660	-27.95037	5.078273	4.283181	27.88261	31.37993

LOADING 51

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-71.58720	23.55919	5.286652	3.958804	-4.325463	20.78999
0.500		-60.87360	-1.280815	5.286652	3.958804	12.22710	-14.08691
1.000		-50.16000	-26.12082	5.286652	3.958804	28.77966	28.81048

LOADING 52

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	9.972445	21.04771	10.77935	-0.5258830	-28.15925	9.543002
0.500		20.68604	-3.792289	10.77935	-0.5258830	5.590995	-17.47045
1.000		31.39964	-28.63229	10.77935	-0.5258830	39.34124	33.29039

LOADING 53

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-21.92453	23.18775	12.40291	-0.8114479	-32.83036	19.91617
0.500		-11.21093	-1.652255	12.40291	-0.8114479	6.003275	-13.79775
1.000		-0.4973289	-26.49226	12.40291	-0.8114479	44.83690	30.26263

LOADING 54

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	6.330659	21.20295	11.48694	-0.5064770	-30.29089	10.28597
0.500		17.04426	-3.637047	11.48694	-0.5064770	5.674827	-17.21355
1.000		27.75786	-28.47705	11.48694	-0.5064770	41.64054	33.06123

LOADING 55

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-18.28274	23.03251	11.69532	-0.8308538	-30.69871	19.17320
0.500		-7.569144	-1.807497	11.69532	-0.8308538	5.919444	-14.05465
1.000		3.144456	-26.64750	11.69532	-0.8308538	42.53760	30.49179

LOADING 56

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-35.72918	21.46347	0.6874416	4.582197	11.39825	10.63393
0.500		-25.01558	-3.376529	0.6874416	4.582197	13.55064	-17.68127
1.000		-14.30197	-28.21653	0.6874416	4.582197	15.70302	31.77783

LOADING 57

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-67.62614	23.60351	2.311002	4.296632	6.727146	21.00710
0.500		-56.91255	-1.236495	2.311002	4.296632	13.96292	-14.00857
1.000		-46.19895	-26.07650	2.311002	4.296632	21.19869	28.75006

LOADING 58

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-39.37096	21.61872	1.395032	4.601603	9.266609	11.37690
0.500		-28.65736	-3.221287	1.395032	4.601603	13.63447	-17.42436
1.000		-17.94376	-28.06129	1.395032	4.601603	18.00233	31.54867

LOADING 59

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-63.98436	23.44826	1.603411	4.277226	8.858788	20.26413
0.500		-53.27076	-1.391737	1.603411	4.277226	13.87908	-14.26547
1.000		-42.55716	-26.23174	1.603411	4.277226	18.89938	28.97922

LOADING 60

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	33.47086	18.66325	4.248054	1.690631	-4.909226	-2.334964
0.500		44.18447	-6.176756	4.248054	1.690631	8.391474	-21.88263
1.000		54.89806	-31.01676	4.248054	1.690631	21.69217	36.34401

LOADING 61

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	15.19867	18.85452	3.430427	3.032001	-0.9525269	-1.692168
0.500		25.91227	-5.985475	3.430427	3.032001	9.788175	-21.83874
1.000		36.62587	-30.82548	3.430427	3.032001	20.52888	35.78900

LOADING 62

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	31.19001	18.69652	5.353026	1.595104	-8.864502	-2.177205
0.500		41.90361	-6.143479	5.353026	1.595104	7.895878	-21.82906
1.000		52.61721	-30.98348	5.353026	1.595104	24.65626	36.29339

LOADING 63

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	17.47953	18.82125	2.325455	3.127528	3.002748	-1.849926
0.500		28.19312	-6.018752	2.325455	3.127528	10.28377	-21.89230
1.000		38.90673	-30.85875	2.325455	3.127528	17.56479	35.83962

LOADING 64

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-72.85238	25.79669	9.659922	0.7387477	-20.47957	32.24228
0.500		-62.13877	0.9566907	9.659922	0.7387477	9.765738	-9.640284
1.000		-51.42518	-23.88331	9.659922	0.7387477	40.01105	26.25146

LOADING 65

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-91.12457	25.98797	8.842295	2.080118	-16.52288	32.88507
0.500		-80.41097	1.147972	8.842295	2.080118	11.16244	-9.596393
1.000		-69.69736	-23.69203	8.842295	2.080118	38.84775	25.69644

LOADING 66

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-75.13323	25.82997	10.76489	0.6432210	-24.43485	32.40003
0.500		-64.41963	0.9899674	10.76489	0.6432210	9.270142	-9.586716
1.000		-53.70603	-23.85003	10.76489	0.6432210	42.97514	26.20083

LOADING 67

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-88.84371	25.95470	7.737322	2.175645	-12.56760	32.72731
0.500		-78.13012	1.114695	7.737322	2.175645	11.65803	-9.649961
1.000		-67.41652	-23.72531	7.737322	2.175645	35.88367	25.74706

LOADING 68

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	21.33158	19.18072	6.606689	1.755317	-12.01470	0.1416039
0.500		32.04518	-5.659282	6.606689	1.755317	8.670911	-21.02627
1.000		42.75878	-30.49928	6.606689	1.755317	29.35652	35.58015

LOADING 69

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	3.059390	19.37200	5.789063	3.096688	-8.058002	0.7843994
0.500		13.77299	-5.468001	5.789063	3.096688	10.06761	-20.98238
1.000		24.48659	-30.30800	5.789063	3.096688	28.19322	35.02514

LOADING 70

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	19.05073	19.21399	7.711662	1.659791	-15.96998	0.2993620
0.500		29.76433	-5.626006	7.711662	1.659791	8.175315	-20.97271
1.000		40.47793	-30.46601	7.711662	1.659791	32.32061	35.52953

LOADING 71

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	5.340242	19.33872	4.684090	3.192214	-4.102727	0.6266413
0.500		16.05384	-5.501278	4.684090	3.192214	10.56321	-21.03595
1.000		26.76744	-30.34128	4.684090	3.192214	25.22914	35.07575

LOADING 72

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-60.71309	25.27922	7.301285	0.6740611	-13.37410	29.76571
0.500		-49.99949	0.4392167	7.301285	0.6740611	9.486300	-10.49663
1.000		-39.28589	-24.40078	7.301285	0.6740611	32.34670	27.01532

LOADING 73

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-78.98529	25.47050	6.483659	2.015432	-9.417400	30.40850
0.500		-68.27168	0.6304983	6.483659	2.015432	10.88300	-10.45274
1.000		-57.55808	-24.20950	6.483659	2.015432	31.18340	26.46031

LOADING 74

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-62.99395	25.31249	8.406258	0.5785344	-17.32937	29.92346
0.500		-52.28035	0.4724935	8.406258	0.5785344	8.990705	-10.44307
1.000		-41.56675	-24.36751	8.406258	0.5785344	35.31078	26.96470

LOADING 75

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-76.70443	25.43722	5.378686	2.110958	-5.462124	30.25075
0.500		-65.99083	0.5972216	5.378686	2.110958	11.37860	-10.50631
1.000		-55.27723	-24.24278	5.378686	2.110958	28.21932	26.51093

--- MEMBER 42 ---

LOADING 1 G1 - PESI PROPRI STRUTTURALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	0.6888610	-20.37119	4.941475	-1.417650	-22.78195	-23.02600
0.500		-7.346339	-1.741184	4.941475	-1.417650	-7.310139	11.59102
1.000		-15.38154	16.88882	4.941475	-1.417650	8.161670	-12.12268

LOADING 2 G2 - SOVRACCARICHI PERMANENTI PORTATI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-8.089005	-6.983199	1.603249	-0.4676559	-7.487719	-7.994209
0.500		-10.76741	-0.7731981	1.603249	-0.4676559	-2.467931	4.148469
1.000		-13.44581	5.436802	1.603249	-0.4676559	2.551857	-3.152427

LOADING 3 Qk - SOVRACCARICHI ACCIDENTALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-3.758810	-1.803197	0.4660270	-0.1422902	-2.187828	-1.917863
0.500		-4.502810	-0.7819641E-01	0.4660270	-0.1422902	-0.7286924	1.027468
1.000		-5.246810	1.646804	0.4660270	-0.1422902	0.7304429	-1.428195

LOADING 4 Qn - NEVE

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-2.682431	-2.919708	0.8304664	-0.2512211	-3.868725	-3.175917
0.500		-3.872831	-0.1597084	0.8304664	-0.2512211	-1.268526	1.644926
1.000		-5.063231	2.600292	0.8304664	-0.2512211	1.331673	-2.175820

LOADING 5 Qv (+X) - VENTO IN DIREZIONE X, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	0.9652723	-0.9676491E-02	0.8444009E-01	0.9767107E-01	-0.1317590	-0.3083296E-01
0.500		0.9652723	-0.9676491E-02	0.8444009E-01	0.9767107E-01	0.1326238	-0.5357713E-03
1.000		0.9652723	-0.9676491E-02	0.8444009E-01	0.9767107E-01	0.3970065	0.2976142E-01

LOADING 6 Qv (-X) - VENTO IN DIREZIONE X, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-0.3541531	0.4295548E-02	-0.1051421	-0.8794483E-01	0.2505658	0.1333957E-01
0.500		-0.3541531	0.4295548E-02	-0.1051421	-0.8794483E-01	-0.7863521E-01	-0.1098379E-03
1.000		-0.3541531	0.4295548E-02	-0.1051421	-0.8794483E-01	-0.4078362	-0.1355924E-01

LOADING 7 Qv (+Y) - VENTO IN DIREZIONE Y, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	3.892708	0.3768238	-1.244844	0.7691942E-01	4.116858	0.4791953
0.500		3.892708	0.3768238	-1.244844	0.7691942E-01	0.2192395	-0.7006441
1.000		3.892708	0.3768238	-1.244844	0.7691942E-01	-3.678379	-1.880483

LOADING 8 Qv (-Y) - VENTO IN DIREZIONE Y, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-6.142418	-0.4035149	1.260269	-0.8291376E-01	-4.166873	-0.5610920
0.500		-6.142418	-0.4035149	1.260269	-0.8291376E-01	-0.2209571	0.7023172
1.000		-6.142418	-0.4035149	1.260269	-0.8291376E-01	3.724959	1.965726

LOADING 9

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-16.40148	-40.46398	9.906028	-2.764844	-45.65244	-45.61275
0.500		-32.33796	-3.514481	9.906028	-2.764844	-14.63656	23.23575
1.000		-48.27444	33.43502	9.906028	-2.764844	16.37931	-23.60501

LOADING 10

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-17.58896	-40.45140	9.735403	-2.931898	-45.30834	-45.57301
0.500		-33.52544	-3.501906	9.735403	-2.931898	-14.82669	23.23613
1.000		-49.46192	33.44760	9.735403	-2.931898	15.65495	-23.64400

LOADING 11

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-13.76679	-40.11613	8.709672	-2.783521	-41.82868	-45.15373
0.500		-29.70327	-3.166630	8.709672	-2.783521	-14.55861	22.60565
1.000		-45.63975	33.78287	8.709672	-2.783521	12.71146	-25.32423

LOADING 12

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-22.79840	-40.81844	10.96427	-2.927370	-49.28403	-46.08999
0.500		-38.73488	-3.868935	10.96427	-2.927370	-14.95478	23.86832
1.000		-54.67136	33.08057	10.96427	-2.927370	19.37447	-21.86264

LOADING 13

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-12.77509	-39.94897	9.829837	-2.739825	-45.27224	-45.11790
0.500		-28.48837	-3.516967	9.829837	-2.739825	-14.49492	22.92824
1.000		-44.20165	32.91504	9.829837	-2.739825	16.28240	-23.09458

LOADING 14

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-13.96257	-39.93639	9.659212	-2.906879	-44.92814	-45.07814
0.500		-29.67585	-3.504392	9.659212	-2.906879	-14.68505	22.92863
1.000		-45.38913	32.92761	9.659212	-2.906879	15.55804	-23.13357

LOADING 15

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-10.14040	-39.60112	8.633481	-2.758501	-41.44848	-44.65888
0.500		-25.85368	-3.169117	8.633481	-2.758501	-14.41696	22.29814
1.000		-41.56696	33.26288	8.633481	-2.758501	12.61455	-24.81380

LOADING 16

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-19.17201	-40.30342	10.88808	-2.902351	-48.90384	-45.59513
0.500		-34.88529	-3.871422	10.88808	-2.902351	-14.81314	23.56081
1.000		-50.59857	32.56058	10.88808	-2.902351	19.27756	-21.35221

LOADING 17

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-10.18410	-37.76499	9.257650	-2.492806	-42.44975	-42.75447
0.500		-25.00458	-3.402992	9.257650	-2.492806	-13.46395	21.69423
1.000		-39.82506	30.95901	9.257650	-2.492806	15.52185	-21.44486

LOADING 18

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-12.16324	-37.74403	8.973277	-2.771230	-41.87626	-42.68821
0.500		-26.98372	-3.382034	8.973277	-2.771230	-13.78084	21.69486
1.000		-41.80420	30.97997	8.973277	-2.771230	14.31459	-21.50984

LOADING 19

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-5.792948	-37.18524	7.263725	-2.523933	-36.07682	-41.98943
0.500		-20.61343	-2.823241	7.263725	-2.523933	-13.33402	20.64406
1.000		-35.43391	31.53876	7.263725	-2.523933	9.408771	-24.31023

LOADING 20

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-20.84564	-38.35575	11.02139	-2.763683	-48.50242	-43.54985
0.500		-35.66611	-3.993750	11.02139	-2.763683	-13.99432	22.74850
1.000		-50.48660	30.36825	11.02139	-2.763683	20.51378	-18.54091

LOADING 21

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-11.92101	-30.62324	7.476648	-2.094603	-34.47091	-34.54454
0.500		-23.97381	-2.678238	7.476648	-2.094603	-11.06145	17.58910
1.000		-36.02661	25.26676	7.476648	-2.094603	12.34801	-17.77335

LOADING 22

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-12.71266	-30.61486	7.362899	-2.205973	-34.24152	-34.51803
0.500		-24.76546	-2.669855	7.362899	-2.205973	-11.18821	17.58935
1.000		-36.81826	25.27515	7.362899	-2.205973	11.86510	-17.79935

LOADING 23

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-10.16454	-30.39134	6.679078	-2.107054	-31.92174	-34.23852
0.500		-22.21734	-2.446338	6.679078	-2.107054	-11.00948	17.16903
1.000		-34.27015	25.49866	6.679078	-2.107054	9.902780	-18.91950

LOADING 24

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-16.18562	-30.85954	8.182146	-2.202954	-36.89198	-34.86269
0.500		-28.23842	-2.914541	8.182146	-2.202954	-11.27360	18.01081
1.000		-40.29122	25.03046	8.182146	-2.202954	14.34478	-16.61178

LOADING 25

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-9.503412	-30.27990	7.425854	-2.077924	-34.21745	-34.21463
0.500		-21.40741	-2.679896	7.425854	-2.077924	-10.96702	17.38409
1.000		-33.31141	24.92010	7.425854	-2.077924	12.28340	-17.43307

LOADING 26

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-10.29507	-30.27151	7.312105	-2.189293	-33.98805	-34.18813
0.500		-22.19907	-2.671512	7.312105	-2.189293	-11.09378	17.38435
1.000		-34.10307	24.92849	7.312105	-2.189293	11.80050	-17.45906

LOADING 27

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-7.746950	-30.04800	6.628284	-2.090375	-31.66828	-33.90862
0.500		-19.65095	-2.447995	6.628284	-2.090375	-10.91505	16.96403
1.000		-31.55495	25.15201	6.628284	-2.090375	9.838172	-18.57922

LOADING 28

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-13.76803	-30.51620	8.131351	-2.186275	-36.63852	-34.53279
0.500		-25.67203	-2.916199	8.131351	-2.186275	-11.17917	17.80581
1.000		-37.57603	24.68380	8.131351	-2.186275	14.28018	-16.27149

LOADING 29

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-7.776087	-28.82391	7.044397	-1.913245	-32.33579	-32.63901
0.500		-19.08489	-2.603912	7.044397	-1.913245	-10.27971	16.56142
1.000		-30.39369	23.61609	7.044397	-1.913245	11.77637	-16.33325

LOADING 30

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-9.095513	-28.80994	6.854815	-2.098861	-31.95346	-32.59483
0.500		-20.40431	-2.589940	6.854815	-2.098861	-10.49097	16.56184
1.000		-31.71311	23.63006	6.854815	-2.098861	10.97153	-16.37658

LOADING 31

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-4.848651	-28.43741	5.715113	-1.933997	-28.08717	-32.12897
0.500		-16.15745	-2.217412	5.715113	-1.933997	-10.19309	15.86131
1.000		-27.46625	24.00259	5.715113	-1.933997	7.700985	-18.24350

LOADING 32

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-14.88378	-29.21775	8.220226	-2.093830	-36.37090	-33.16927
0.500		-26.19258	-2.997751	8.220226	-2.093830	-10.63329	17.26427
1.000		-37.50138	23.22225	8.220226	-2.093830	15.10432	-14.39729

LOADING 33

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-7.400145	-27.35438	6.544724	-1.885305	-30.26966	-31.02021
0.500		-18.11374	-2.514381	6.544724	-1.885305	-9.778069	15.73949
1.000		-28.82734	22.32562	6.544724	-1.885305	10.71353	-15.27510

LOADING 34

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-7.936631	-27.93832	6.710817	-1.935550	-31.04341	-31.65540
0.500		-18.88831	-2.546323	6.710817	-1.935550	-10.03177	16.06848
1.000		-29.83999	22.84568	6.710817	-1.935550	10.97986	-15.71027

LOADING 35

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-7.207090	-27.35632	6.561612	-1.865771	-30.29602	-31.02638
0.500		-17.92069	-2.516317	6.561612	-1.865771	-9.751545	15.73938
1.000		-28.63429	22.32368	6.561612	-1.865771	10.79293	-15.26915

LOADING 36

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-7.470975	-27.35352	6.523695	-1.902894	-30.21955	-31.01755
0.500		-18.18457	-2.513522	6.523695	-1.902894	-9.793797	15.73947
1.000		-28.89818	22.32648	6.523695	-1.902894	10.63196	-15.27782

LOADING 37

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-6.621603	-27.27902	6.295755	-1.869922	-29.44629	-30.92437
0.500		-17.33520	-2.439017	6.295755	-1.869922	-9.734222	15.59936
1.000		-28.04880	22.40099	6.295755	-1.869922	9.977851	-15.65120

LOADING 38

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-8.628629	-27.43509	6.796778	-1.901888	-31.10304	-31.13243
0.500		-19.34223	-2.595084	6.796778	-1.901888	-9.822261	15.87995
1.000		-30.05583	22.24492	6.796778	-1.901888	11.45852	-14.88196

LOADING 39

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-7.400145	-27.35438	6.544724	-1.885305	-30.26966	-31.02021
0.500		-18.11374	-2.514381	6.544724	-1.885305	-9.778069	15.73949
1.000		-28.82734	22.32562	6.544724	-1.885305	10.71353	-15.27510

LOADING 40 EX + ey: SISMA X positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	22.88468	-0.2092485	5.044711	2.553838	-11.81301	-0.7585782
0.500		22.88468	-0.2092485	5.044711	2.553838	3.982029	-0.1034191
1.000		22.88468	-0.2092485	5.044711	2.553838	19.77707	0.5517401

LOADING 41 EX - ey: SISMA X positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	30.46825	-0.3191059	1.363443	2.235262	-1.937954	-0.9249606
0.500		30.46825	-0.3191059	1.363443	2.235262	2.331000	0.7416313E-01
1.000		30.46825	-0.3191059	1.363443	2.235262	6.599954	1.073287

LOADING 42 EY + ex: SISMA Y positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-53.57600	3.537704	2.728720	0.4686803	-9.242664	4.991134
0.500		-53.57600	3.537704	2.728720	0.4686803	-0.6990152	-6.085454
1.000		-53.57600	3.537704	2.728720	0.4686803	7.844634	-17.16204

LOADING 43 EY - ex: SISMA Y positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-41.34669	3.024309	0.3618610	0.5348795	-1.549841	4.234672
0.500		-41.34669	3.024309	0.3618610	0.5348795	-0.4168500	-5.234470
1.000		-41.34669	3.024309	0.3618610	0.5348795	0.7161405	-14.70361

LOADING 44

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-0.5882639	-26.50232	12.40805	0.8091362	-44.85548	-30.28145
0.500		-11.30186	-1.662319	12.40805	0.8091362	-6.005745	13.81043
1.000		-22.01546	23.17768	12.40805	0.8091362	32.84399	-19.87198

LOADING 45

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	31.55734	-28.62494	10.77082	0.5279280	-39.30988	-33.27613
0.500		20.84374	-3.784941	10.77082	0.5279280	-5.586336	17.46171
1.000		10.13014	21.05506	10.77082	0.5279280	28.13721	-9.574754

LOADING 46

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	3.080530	-26.65634	11.69799	0.8289959	-42.54763	-30.50839
0.500		-7.633070	-1.816337	11.69799	0.8289959	-5.921095	14.06573
1.000		-18.34667	23.02366	11.69799	0.8289959	30.70544	-19.13445

LOADING 47

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	27.88854	-28.47092	11.48088	0.5080683	-41.61772	-33.04919
0.500		17.17494	-3.630923	11.48088	0.5080683	-5.670986	17.20641
1.000		6.461344	21.20908	11.48088	0.5080683	30.27576	-10.31228

LOADING 48

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-46.35763	-26.08382	2.318629	-4.298539	-21.22945	-28.76430
0.500		-57.07122	-1.243822	2.318629	-4.298539	-13.96980	14.01727
1.000		-67.78483	23.59618	2.318629	-4.298539	-6.710152	-20.97546

LOADING 49

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-14.21203	-28.20645	0.6813973	-4.579747	-15.68386	-31.75898
0.500		-24.92562	-3.366444	0.6813973	-4.579747	-13.55039	17.66854
1.000		-35.63923	21.47356	0.6813973	-4.579747	-11.41693	-10.67823

LOADING 50

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-42.68884	-26.23784	1.608572	-4.278679	-18.92161	-28.99124
0.500		-53.40243	-1.397840	1.608572	-4.278679	-13.88515	14.27257
1.000		-64.11604	23.44216	1.608572	-4.278679	-8.848700	-20.23793

LOADING 51

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-17.88082	-28.05243	1.391455	-4.599607	-17.99170	-31.53204
0.500		-28.59442	-3.212426	1.391455	-4.599607	-13.63504	17.41325
1.000		-39.30802	21.62757	1.391455	-4.599607	-9.278385	-11.41576

LOADING 52

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	6.995307	-26.61218	8.726783	0.4905605	-34.98042	-30.44784
0.500		-3.718294	-1.772176	8.726783	0.4905605	-7.656775	13.98802
1.000		-14.43189	23.06783	8.726783	0.4905605	19.66687	-19.35043

LOADING 53

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	39.14091	-28.73480	7.089550	0.2093523	-29.43482	-33.44252
0.500		28.42731	-3.894799	7.089550	0.2093523	-7.237365	17.63929
1.000		17.71371	20.94520	7.089550	0.2093523	14.96009	-9.053207

LOADING 54

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	10.66410	-26.76620	8.016726	0.5104202	-32.67257	-30.67477
0.500		-0.4949982E-01	-1.926195	8.016726	0.5104202	-7.572124	14.24331
1.000		-10.76310	22.91381	8.016726	0.5104202	17.52832	-18.61290

LOADING 55

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	35.47211	-28.58078	7.799608	0.1894925	-31.74267	-33.21558
0.500		24.75851	-3.740780	7.799608	0.1894925	-7.322015	17.38399
1.000		14.04491	21.09922	7.799608	0.1894925	17.09864	-9.790735

LOADING 56

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-53.94120	-25.97396	5.999897	-3.979963	-31.10451	-28.59791
0.500		-64.65479	-1.133964	5.999897	-3.979963	-12.31877	13.83969
1.000		-75.36840	23.70604	5.999897	-3.979963	6.466964	-21.49701

LOADING 57

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-21.79560	-28.09659	4.362665	-4.261172	-25.55891	-31.59260
0.500		-32.50919	-3.256587	4.362665	-4.261172	-11.89937	17.49096
1.000		-43.22279	21.58341	4.362665	-4.261172	1.760183	-11.19978

LOADING 58

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-50.27240	-26.12799	5.289839	-3.960103	-28.79666	-28.82485
0.500		-60.98600	-1.287983	5.289839	-3.960103	-12.23413	14.09498
1.000		-71.69961	23.55202	5.289839	-3.960103	4.328415	-20.75948

LOADING 59

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-25.46439	-27.94257	5.072722	-4.281031	-27.86676	-31.36565
0.500		-36.17799	-3.102568	5.072722	-4.281031	-11.98401	17.23567
1.000		-46.89159	21.73743	5.072722	-4.281031	3.898731	-11.93731

LOADING 60

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-54.11074	-23.87945	10.78686	-0.6504738	-43.05624	-26.25665
0.500		-64.82434	0.9605482	10.78686	-0.6504738	-9.282476	9.623010
1.000		-75.53794	25.80055	10.78686	-0.6504738	24.49128	-32.27163

LOADING 61

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-67.84155	-23.75390	7.760031	-2.182776	-35.96843	-25.80151
0.500		-78.55515	1.086097	7.760031	-2.182776	-11.67169	9.685061
1.000		-89.26875	25.92610	7.760031	-2.182776	12.62504	-32.60267

LOADING 62

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-51.83567	-23.91241	9.682476	-0.7460465	-40.09372	-26.30657
0.500		-62.54927	0.9275909	9.682476	-0.7460465	-9.777784	9.676285
1.000		-73.26287	25.76759	9.682476	-0.7460465	20.53815	-32.11516

LOADING 63

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-70.11662	-23.72095	8.864410	-2.087204	-38.93094	-25.75159
0.500		-80.83022	1.119054	8.864410	-2.087204	-11.17638	9.631786
1.000		-91.54382	25.95906	8.864410	-2.087204	16.57818	-32.75914

LOADING 64

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	53.04126	-30.95486	5.329417	-1.587834	-24.57090	-36.23892
0.500		42.32766	-6.114860	5.329417	-1.587834	-7.884446	21.79392
1.000		31.61406	18.72514	5.329417	-1.587834	8.802013	2.052458

LOADING 65

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	39.31045	-30.82931	2.302591	-3.120137	-17.48310	-35.78378
0.500		28.59685	-5.989311	2.302591	-3.120137	-10.27366	21.85597
1.000		17.88325	18.85069	2.302591	-3.120137	-3.064228	1.721414

LOADING 66

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	55.31633	-30.98782	4.225037	-1.683407	-21.60839	-36.28884
0.500		44.60273	-6.147817	4.225037	-1.683407	-8.379754	21.84719
1.000		33.88913	18.69218	4.225037	-1.683407	4.848879	2.208922

LOADING 67

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	37.03538	-30.79636	3.406971	-3.024564	-20.44562	-35.73386
0.500		26.32178	-5.956354	3.406971	-3.024564	-9.778355	21.80269
1.000		15.60818	18.88365	3.406971	-3.024564	0.8889070	1.564950

LOADING 68

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-41.88143	-24.39285	8.419998	-0.5842746	-35.36341	-27.01311
0.500		-52.59503	0.4471529	8.419998	-0.5842746	-9.000311	10.47399
1.000		-63.30863	25.28715	8.419998	-0.5842746	17.36279	-29.81320

LOADING 69

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-55.61224	-24.26730	5.393172	-2.116577	-28.27560	-26.55797
0.500		-66.32584	0.5727020	5.393172	-2.116577	-11.38953	10.53604
1.000		-77.03944	25.41270	5.393172	-2.116577	5.496547	-30.14424

LOADING 70

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-39.60636	-24.42581	7.315618	-0.6798474	-32.40090	-27.06303
0.500		-50.31996	0.4141957	7.315618	-0.6798474	-9.495620	10.52727
1.000		-61.03356	25.25420	7.315618	-0.6798474	13.40965	-29.65673

LOADING 71

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-57.88731	-24.23434	6.497552	-2.021004	-31.23812	-26.50805
0.500		-68.60091	0.6056592	6.497552	-2.021004	-10.89422	10.48277
1.000		-79.31451	25.44566	6.497552	-2.021004	9.449682	-30.30070

LOADING 72

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	40.81195	-30.44147	7.696276	-1.654034	-32.26373	-35.48246
0.500		30.09835	-5.601465	7.696276	-1.654034	-8.166612	20.94293
1.000		19.38475	19.23854	7.696276	-1.654034	15.93051	-0.4059713

LOADING 73

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	27.08114	-30.31592	4.669449	-3.186336	-25.17592	-35.02731
0.500		16.36754	-5.475916	4.669449	-3.186336	-10.55583	21.00498
1.000		5.653939	19.36409	4.669449	-3.186336	4.064266	-0.7370153

LOADING 74

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	43.08702	-30.47442	6.591896	-1.749606	-29.30121	-35.53238
0.500		32.37342	-5.634422	6.591896	-1.749606	-8.661920	20.99621
1.000		21.65982	19.20558	6.591896	-1.749606	11.97737	-0.2495072

LOADING 75

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	24.80607	-30.28296	5.773830	-3.090764	-28.13844	-34.97740
0.500		14.09247	-5.442959	5.773830	-3.090764	-10.06052	20.95171
1.000		3.378867	19.39704	5.773830	-3.090764	8.017401	-0.8934793

--- MEMBER 43 ---

LOADING 1 G1 - PESI PROPRI STRUTTURALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-19.07852	0.5164692E-06	-20.57915	-0.1381475E-04	20.13686	-0.4736883E-04
0.500		-11.04332	0.5164692E-06	-1.949153	-0.1381475E-04	-15.13132	-0.4898590E-04
1.000		-3.008122	0.5164692E-06	16.68085	-0.1381475E-04	7.931225	-0.5060297E-04

LOADING 2 G2 - SOVRACCARICHI PERMANENTI PORTATI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-8.332457	-0.6089000E-05	-7.261639	-0.2263255E-05	8.003523	-0.3389962E-04
0.500		-5.654057	-0.6089000E-05	-1.051638	-0.2263255E-05	-5.010954	-0.1483490E-04
1.000		-2.975657	-0.6089000E-05	5.158362	-0.2263255E-05	1.418143	0.4229823E-05

LOADING 3 Qk - SOVRACCARICHI ACCIDENTALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-2.040938	0.2429103E-04	-1.976926	-0.1976185E-04	2.078724	0.3962273E-04
0.500		-1.296938	0.2429103E-04	-0.2519262	-0.1976185E-04	-1.410556	-0.3643273E-04
1.000		-0.5529380	0.2429103E-04	1.473074	-0.1976185E-04	0.5011575	-0.1124882E-03

LOADING 4 Qn - NEVE

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-3.075354	0.5211082E-04	-3.143478	-0.4168940E-04	3.188533	0.8736262E-04
0.500		-1.884954	0.5211082E-04	-0.3834778	-0.4168940E-04	-2.332934	-0.7579689E-04
1.000		-0.6945542	0.5211082E-04	2.376522	-0.4168940E-04	0.7871872	-0.2389564E-03

LOADING 5 Qv (+X) - VENTO IN DIREZIONE X, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-12.06643	0.1376699E-04	0.3205843	-0.1590965E-04	-1.187193	0.1924773E-04
0.500		-12.06643	0.1376699E-04	0.3205843	-0.1590965E-04	-0.1834404	-0.2385686E-04
1.000		-12.06643	0.1376699E-04	0.3205843	-0.1590965E-04	0.8203122	-0.6696145E-04

LOADING 6 Qv (-X) - VENTO IN DIREZIONE X, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	5.508610	-0.2641660E-05	-0.2568502	0.7746639E-05	0.9861913	0.1914729E-05
0.500		5.508610	-0.2641660E-05	-0.2568502	0.7746639E-05	0.1819907	0.1018579E-04
1.000		5.508610	-0.2641660E-05	-0.2568502	0.7746639E-05	-0.6222099	0.1845686E-04

LOADING 7 Qv (+Y) - VENTO IN DIREZIONE Y, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	0.4624366E-01	-0.1426112	0.5215493E-02	0.5388951	-0.1985982E-01	-0.6872733
0.500		0.4624366E-01	-0.1426112	0.5215493E-02	0.5388951	-0.3530055E-02	-0.2407563
1.000		0.4624366E-01	-0.1426112	0.5215493E-02	0.5388951	0.1279970E-01	0.2057607

LOADING 8 Qv (-Y) - VENTO IN DIREZIONE Y, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	0.3938731E-01	0.1426122	0.4506948E-02	-0.5388959	-0.1702851E-01	0.6872754
0.500		0.3938731E-01	0.1426122	0.4506948E-02	-0.5388959	-0.2917210E-02	0.2407552
1.000		0.3938731E-01	0.1426122	0.4506948E-02	-0.5388959	0.1119409E-01	-0.2057650

LOADING 9

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-51.86198	0.8066566E-04	-41.22750	-0.9612992E-04	41.02351	0.3663004E-04
0.500		-35.92550	0.8066566E-04	-4.278001	-0.9612992E-04	-30.21558	-0.2159350E-03
1.000		-19.98902	0.8066566E-04	32.67150	-0.9612992E-04	14.23459	-0.4685000E-03

LOADING 10

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-36.04445	0.6589788E-04	-41.74719	-0.7483926E-04	42.97956	0.2103034E-04
0.500		-20.10796	0.6589788E-04	-4.797692	-0.7483926E-04	-29.88669	-0.1852966E-03
1.000		-4.171485	0.6589788E-04	32.15181	-0.7483926E-04	12.93631	-0.3916235E-03

LOADING 11

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-40.96058	-0.1282818	-41.51133	0.4849238	42.07411	-0.6185267
0.500		-25.02410	-0.1282818	-4.561832	0.4849238	-30.05366	-0.2168751
1.000		-9.087615	-0.1282818	32.38767	0.4849238	13.50782	0.1847764

LOADING 12

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-40.96674	0.1284192	-41.51197	-0.4850881	42.07666	0.6185671
0.500		-25.03027	0.1284192	-4.562470	-0.4850881	-30.05311	0.2164852
1.000		-9.093785	0.1284192	32.38703	-0.4850881	13.50638	-0.1855967

LOADING 13

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-51.10709	0.8331223E-04	-40.61972	-0.9775420E-04	40.29683	0.4271791E-04
0.500		-35.39381	0.8331223E-04	-4.187720	-0.9775420E-04	-29.84945	-0.2181335E-03
1.000		-19.68053	0.8331223E-04	32.24428	-0.9775420E-04	14.07324	-0.4789849E-03

LOADING 14

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-35.28955	0.6854445E-04	-41.13941	-0.7646353E-04	42.25287	0.2711820E-04
0.500		-19.57627	0.6854445E-04	-4.707411	-0.7646353E-04	-29.52056	-0.1874952E-03
1.000		-3.862994	0.6854445E-04	31.72459	-0.7646353E-04	12.77497	-0.4021085E-03

LOADING 15

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-40.20568	-0.1282791	-40.90355	0.4849221	41.34743	-0.6185205
0.500		-24.49240	-0.1282791	-4.471551	0.4849221	-29.68753	-0.2168773
1.000		-8.779123	-0.1282791	31.96045	0.4849221	13.34648	0.1847659

LOADING 16

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-40.21185	0.1284219	-40.90419	-0.4850898	41.34998	0.6185732
0.500		-24.49857	0.1284219	-4.472189	-0.4850898	-29.68698	0.2164830
1.000		-8.785295	0.1284219	31.95981	-0.4850898	13.34503	-0.1856072

LOADING 17

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-56.04043	0.5248931E-04	-38.06976	-0.7603293E-04	37.19311	-0.1125542E-04
0.500		-41.21995	0.5248931E-04	-3.707761	-0.7603293E-04	-28.20981	-0.1756000E-03
1.000		-26.39947	0.5248931E-04	30.65424	-0.7603293E-04	13.97504	-0.3399446E-03

LOADING 18

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-29.67787	0.2787633E-04	-38.93591	-0.4054850E-04	40.45319	-0.3725493E-04
0.500		-14.85739	0.2787633E-04	-4.573913	-0.4054850E-04	-27.66167	-0.1245360E-03
1.000		-0.3691186E-01	0.2787633E-04	29.78809	-0.4054850E-04	11.81125	-0.2118171E-03

LOADING 19

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-37.87142	-0.2138849	-38.54282	0.8082905	38.94411	-1.030950
0.500		-23.05094	-0.2138849	-4.180814	0.8082905	-27.93995	-0.3612742
1.000		-8.230462	-0.2138849	30.18118	0.8082905	12.76377	0.3084016

LOADING 20

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-37.88171	0.2139501	-38.54388	-0.8083960	38.94836	1.030873
0.500		-23.06123	0.2139501	-4.181877	-0.8083960	-27.93903	0.3609930
1.000		-8.240746	0.2139501	30.18012	-0.8083960	12.76136	-0.3088870

LOADING 21

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-38.22945	0.5303410E-04	-31.19711	-0.6623035E-04	31.10106	0.1358423E-04
0.500		-26.17665	0.5303410E-04	-3.252106	-0.6623035E-04	-22.82936	-0.1524661E-03
1.000		-14.12385	0.5303410E-04	24.69289	-0.6623035E-04	10.73631	-0.3185164E-03

LOADING 22

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-27.68443	0.4318891E-04	-31.54357	-0.5203658E-04	32.40509	0.3184430E-05
0.500		-15.63163	0.4318891E-04	-3.598567	-0.5203658E-04	-22.61010	-0.1320405E-03
1.000		-3.578827	0.4318891E-04	24.34644	-0.5203658E-04	9.870792	-0.2672654E-03

LOADING 23

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-30.96185	-0.8552192E-01	-31.38633	0.3232804	31.80146	-0.4123619
0.500		-18.90905	-0.8552192E-01	-3.441327	0.3232804	-22.72141	-0.1445919
1.000		-6.856247	-0.8552192E-01	24.50367	0.3232804	10.25180	0.1231781

LOADING 24

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-30.96596	0.8561209E-01	-31.38675	-0.3233942	31.80316	0.4123673
0.500		-18.91316	0.8561209E-01	-3.441752	-0.3233942	-22.72104	0.1443150
1.000		-6.860361	0.8561209E-01	24.50325	-0.3233942	10.25084	-0.1237373

LOADING 25

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-37.72619	0.5479849E-04	-30.79192	-0.6731319E-04	30.61660	0.1764281E-04
0.500		-25.82219	0.5479849E-04	-3.191919	-0.6731319E-04	-22.58527	-0.1539318E-03
1.000		-13.91819	0.5479849E-04	24.40808	-0.6731319E-04	10.62874	-0.3255064E-03

LOADING 26

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-27.18117	0.4495329E-04	-31.13838	-0.5311943E-04	31.92064	0.7243006E-05
0.500		-15.27717	0.4495329E-04	-3.538380	-0.5311943E-04	-22.36601	-0.1335062E-03
1.000		-3.373166	0.4495329E-04	24.06162	-0.5311943E-04	9.763228	-0.2742554E-03

LOADING 27

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-30.45859	-0.8552016E-01	-30.98114	0.3232793	31.31700	-0.4123579
0.500		-18.55459	-0.8552016E-01	-3.381140	0.3232793	-22.47732	-0.1445934
1.000		-6.650587	-0.8552016E-01	24.21886	0.3232793	10.14423	0.1231711

LOADING 28

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-30.46270	0.8561385E-01	-30.98157	-0.3233953	31.31870	0.4123713
0.500		-18.55870	0.8561385E-01	-3.381565	-0.3233953	-22.47696	0.1443135
1.000		-6.654700	0.8561385E-01	24.21844	-0.3233953	10.14327	-0.1237443

LOADING 29

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-41.01508	0.3424987E-04	-29.09195	-0.5283236E-04	28.54746	-0.1833941E-04
0.500		-29.70628	0.3424987E-04	-2.871946	-0.5283236E-04	-21.49218	-0.1255761E-03
1.000		-18.39748	0.3424987E-04	23.34805	-0.5283236E-04	10.56327	-0.2328128E-03

LOADING 30

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-23.44004	0.1784122E-04	-29.66938	-0.2917607E-04	30.72084	-0.3567241E-04
0.500		-12.13124	0.1784122E-04	-3.449381	-0.2917607E-04	-21.12675	-0.9153345E-04
1.000		-0.8224453	0.1784122E-04	22.77062	-0.2917607E-04	9.120751	-0.1473945E-03

LOADING 31

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-28.90241	-0.1425907	-29.40732	0.5388582	29.71479	-0.6873109
0.500		-17.59361	-0.1425907	-3.187315	0.5388582	-21.31227	-0.2408580
1.000		-6.284812	-0.1425907	23.03268	0.5388582	9.755761	0.2055949

LOADING 32

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-28.90927	0.1426327	-29.40802	-0.5389328	29.71762	0.6872378
0.500		-17.60047	0.1426327	-3.188024	-0.5389328	-21.31166	0.2406535
1.000		-6.291668	0.1426327	23.03198	-0.5389328	9.754156	-0.2059308

LOADING 33

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-27.41098	-0.5572531E-05	-27.84079	-0.1607801E-04	28.14038	-0.8126845E-04
0.500		-16.69738	-0.5572531E-05	-3.000792	-0.1607801E-04	-20.14227	-0.6382080E-04
1.000		-5.983778	-0.5572531E-05	21.83921	-0.1607801E-04	9.349368	-0.4637314E-04

LOADING 34

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-28.02605	0.4849633E-05	-28.46949	-0.2441589E-04	28.77810	-0.6379592E-04
0.500		-17.07437	0.4849633E-05	-3.077487	-0.2441589E-04	-20.60886	-0.7898018E-04
1.000		-6.122689	0.4849633E-05	22.31451	-0.2441589E-04	9.506805	-0.9416442E-04

LOADING 35

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-29.82426	-0.2819133E-05	-27.77668	-0.1925994E-04	27.90295	-0.7741890E-04
0.500		-19.11066	-0.2819133E-05	-2.936675	-0.1925994E-04	-20.17896	-0.6859217E-04
1.000		-8.397064	-0.2819133E-05	21.90333	-0.1925994E-04	9.513430	-0.5976544E-04

LOADING 36

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-26.30926	-0.6100863E-05	-27.89216	-0.1452868E-04	28.33763	-0.8088550E-04
0.500		-15.59566	-0.6100863E-05	-3.052162	-0.1452868E-04	-20.10587	-0.6178364E-04
1.000		-4.882056	-0.6100863E-05	21.78784	-0.1452868E-04	9.224926	-0.4268177E-04

LOADING 37

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-27.40173	-0.2852781E-01	-27.83975	0.1077629	28.13642	-0.1375359
0.500		-16.68813	-0.2852781E-01	-2.999748	0.1077629	-20.14298	-0.4821508E-01
1.000		-5.974529	-0.2852781E-01	21.84025	0.1077629	9.351929	0.4110577E-01

LOADING 38

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-27.40310	0.2851686E-01	-27.83989	-0.1077953	28.13698	0.1373738
0.500		-16.68950	0.2851686E-01	-2.999890	-0.1077953	-20.14285	0.4808722E-01
1.000		-5.975901	0.2851686E-01	21.84011	-0.1077953	9.351606	-0.4119937E-01

LOADING 39

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-27.41098	-0.5572531E-05	-27.84079	-0.1607801E-04	28.14038	-0.8126845E-04
0.500		-16.69738	-0.5572531E-05	-3.000792	-0.1607801E-04	-20.14227	-0.6382080E-04
1.000		-5.983778	-0.5572531E-05	21.83921	-0.1607801E-04	9.349368	-0.4637314E-04

LOADING 40 EX + ey: SISMA X positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	5.636463	-0.2971908	4.460751	0.1315716	-17.83017	-0.7012540
0.500		5.636463	-0.2971908	4.460751	0.1315716	-3.863515	0.2292534
1.000		5.636463	-0.2971908	4.460751	0.1315716	10.10314	1.159761

LOADING 41 EX - ey: SISMA X positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	5.633206	0.2969431	4.460334	-0.1316057	-17.82853	0.7006631
0.500		5.633206	0.2969431	4.460334	-0.1316057	-3.863180	-0.2290687
1.000		5.633206	0.2969431	4.460334	-0.1316057	10.10217	-1.158800

LOADING 42 EY + ex: SISMA Y positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	0.3286646E-01	0.6780635	0.3436639E-02	3.799720	-0.1368223E-01	-7.984999
0.500		0.3286646E-01	0.6780635	0.3436639E-02	3.799720	-0.2922075E-02	-10.10802
1.000		0.3286646E-01	0.6780635	0.3436639E-02	3.799720	0.7838079E-02	-12.23105

LOADING 43 EY - ex: SISMA Y positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	0.4401942E-01	1.225402	0.4592022E-02	4.582615	-0.1844948E-01	-9.677005
0.500		0.4401942E-01	1.225402	0.4592022E-02	4.582615	-0.4071816E-02	-13.51375
1.000		0.4401942E-01	1.225402	0.4592022E-02	4.582615	0.1030585E-01	-17.35050

LOADING 44

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-21.76466	-0.9377728E-01	-23.37901	1.271471	10.30611	-3.096835
0.500		-11.05106	-0.9377728E-01	1.460990	1.271471	-24.00666	-2.803217
1.000		-0.3374561	-0.9377728E-01	26.30099	1.271471	19.45486	-2.509600

LOADING 45

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-21.78438	-0.5006154	-23.38107	-1.008360	10.31432	1.694164
0.500		-11.07078	-0.5006154	1.458928	-1.008360	-24.00491	3.261596
1.000		-0.3571759	-0.5006154	26.29893	-1.008360	19.45016	4.829029

LOADING 46

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-21.76131	0.7042418E-01	-23.37866	1.506340	10.30468	-3.604437
0.500		-11.04771	0.7042418E-01	1.461337	1.506340	-24.00701	-3.824936
1.000		-0.3341102	0.7042418E-01	26.30134	1.506340	19.45560	-4.045434

LOADING 47

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-21.78772	-0.6648169	-23.38142	-1.243229	10.31575	2.201766
0.500		-11.07412	-0.6648169	1.458581	-1.243229	-24.00456	4.283315
1.000		-0.3605218	-0.6648169	26.29858	-1.243229	19.44942	6.364863

LOADING 48

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-33.03758	0.5006043	-32.30051	1.008328	45.96645	-1.694327
0.500		-22.32398	0.5006043	-7.460511	1.008328	-16.27963	-3.261724
1.000		-11.61038	0.5006043	17.37949	1.008328	-0.7514216	-4.829121

LOADING 49

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-33.05730	0.9376613E-01	-32.30257	-1.271504	45.97466	3.096672
0.500		-22.34370	0.9376613E-01	-7.462573	-1.271504	-16.27788	2.803090
1.000		-11.63010	0.9376613E-01	17.37743	-1.271504	-0.7561244	2.509507

LOADING 50

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-33.03424	0.6648057	-32.30017	1.243197	45.96502	-2.201929
0.500		-22.32063	0.6648057	-7.460165	1.243197	-16.27998	-4.283442
1.000		-11.60703	0.6648057	17.37984	1.243197	-0.7506812	-6.364955

LOADING 51

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-33.06065	-0.7043533E-01	-32.30292	-1.506372	45.97609	3.604274
0.500		-22.34705	-0.7043533E-01	-7.462920	-1.506372	-16.27753	3.824808
1.000		-11.63345	-0.7043533E-01	17.37708	-1.506372	-0.7568647	4.045342

LOADING 52

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-21.76791	0.5003566	-23.37943	1.008294	10.30775	-1.694918
0.500		-11.05431	0.5003566	1.460574	1.008294	-24.00633	-3.261539
1.000		-0.3407124	0.5003566	26.30058	1.008294	19.45389	-4.828161

LOADING 53

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-21.78763	0.9351846E-01	-23.38149	-1.271538	10.31596	3.096081
0.500		-11.07403	0.9351846E-01	1.458512	-1.271538	-24.00458	2.803274
1.000		-0.3604323	0.9351846E-01	26.29851	-1.271538	19.44919	2.510467

LOADING 54

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-21.76457	0.6645581	-23.37908	1.243163	10.30632	-2.202520
0.500		-11.05097	0.6645581	1.460920	1.243163	-24.00667	-4.283258
1.000		-0.3373665	0.6645581	26.30092	1.243163	19.45463	-6.363996

LOADING 55

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-21.79098	-0.7068300E-01	-23.38184	-1.506407	10.31739	3.603683
0.500		-11.07738	-0.7068300E-01	1.458165	-1.506407	-24.00423	3.824993
1.000		-0.3637782	-0.7068300E-01	26.29817	-1.506407	19.44845	4.046302

LOADING 56

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-33.03432	-0.9352961E-01	-32.30009	1.271505	45.96482	-3.096244
0.500		-22.32072	-0.9352961E-01	-7.460095	1.271505	-16.27997	-2.803402
1.000		-11.60712	-0.9352961E-01	17.37991	1.271505	-0.7504535	-2.510560

LOADING 57

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-33.05405	-0.5003677	-32.30216	-1.008326	45.97302	1.694755
0.500		-22.34044	-0.5003677	-7.462157	-1.008326	-16.27821	3.261412
1.000		-11.62684	-0.5003677	17.37784	-1.008326	-0.7551564	4.828068

LOADING 58

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-33.03098	0.7067186E-01	-32.29975	1.506374	45.96339	-3.603846
0.500		-22.31738	0.7067186E-01	-7.459748	1.506374	-16.28031	-3.825120
1.000		-11.60378	0.7067186E-01	17.38025	1.506374	-0.7497132	-4.046394

LOADING 59

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-33.05739	-0.6645691	-32.30251	-1.243195	45.97446	2.202357
0.500		-22.34379	-0.6645691	-7.462503	-1.243195	-16.27787	4.283130
1.000		-11.63019	-0.6645691	17.37750	-1.243195	-0.7558967	6.363903

LOADING 60

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-25.68717	0.5889007	-26.49913	3.839175	22.77765	-8.195456
0.500		-14.97357	0.5889007	-1.659130	3.839175	-21.30425	-10.03931
1.000		-4.259974	0.5889007	23.18087	3.839175	12.38815	-11.88316

LOADING 61

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-29.06905	0.7672151	-29.17558	3.760232	33.47575	-7.774704
0.500		-18.35545	0.7672151	-4.335580	3.760232	-18.98614	-10.17686
1.000		-7.641851	0.7672151	20.50442	3.760232	6.326263	-12.57902

LOADING 62

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-25.68815	0.7671409	-26.49925	3.760222	22.77815	-7.774881
0.500		-14.97455	0.7671409	-1.659255	3.760222	-21.30415	-10.17681
1.000		-4.260950	0.7671409	23.18075	3.760222	12.38786	-12.57873

LOADING 63

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-29.06808	0.5889750	-29.17546	3.839185	33.47527	-8.195279
0.500		-18.35448	0.5889750	-4.335455	3.839185	-18.98624	-10.03937
1.000		-7.640874	0.5889750	20.50455	3.839185	6.326554	-11.88345

LOADING 64

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-25.75291	-0.7672263	-26.50600	-3.760264	22.80502	7.774542
0.500		-15.03931	-0.7672263	-1.666003	-3.760264	-21.29840	10.17673
1.000		-4.325706	-0.7672263	23.17400	-3.760264	12.37247	12.57893

LOADING 65

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-29.13478	-0.5889118	-29.18246	-3.839207	33.50312	8.195293
0.500		-18.42118	-0.5889118	-4.342453	-3.839207	-18.98029	10.03918
1.000		-7.707583	-0.5889118	20.49755	-3.839207	6.310587	11.88307

LOADING 66

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-25.75388	-0.5889861	-26.50613	-3.839217	22.80551	8.195116
0.500		-15.04028	-0.5889861	-1.666128	-3.839217	-21.29830	10.03924
1.000		-4.326683	-0.5889861	23.17387	-3.839217	12.37218	11.88336

LOADING 67

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-29.13381	-0.7671520	-29.18233	-3.760254	33.50263	7.774718
0.500		-18.42021	-0.7671520	-4.342329	-3.760254	-18.98039	10.17668
1.000		-7.706607	-0.7671520	20.49767	-3.760254	6.310878	12.57864

LOADING 68

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-25.67602	1.136239	-26.49797	4.622071	22.77289	-9.887462
0.500		-14.96242	1.136239	-1.657974	4.622071	-21.30540	-13.44504
1.000		-4.248820	1.136239	23.18203	4.622071	12.39062	-17.00261

LOADING 69

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-29.05790	1.314553	-29.17443	4.543128	33.47099	-9.466710
0.500		-18.34430	1.314553	-4.334425	4.543128	-18.98729	-13.58259
1.000		-7.630698	1.314553	20.50558	4.543128	6.328731	-17.69847

LOADING 70

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-25.67700	1.314479	-26.49810	4.543118	22.77338	-9.466887
0.500		-14.96340	1.314479	-1.658099	4.543118	-21.30530	-13.58253
1.000		-4.249797	1.314479	23.18190	4.543118	12.39033	-17.69818

LOADING 71

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-29.05692	1.136313	-29.17430	4.622081	33.47050	-9.887285
0.500		-18.34332	1.136313	-4.334300	4.622081	-18.98739	-13.44509
1.000		-7.629721	1.136313	20.50570	4.622081	6.329021	-17.00290

LOADING 72

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-25.76406	-1.314564	-26.50716	-4.543160	22.80978	9.466548
0.500		-15.05046	-1.314564	-1.667158	-4.543160	-21.29725	13.58246
1.000		-4.336859	-1.314564	23.17284	-4.543160	12.37000	17.69838

LOADING 73

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-29.14594	-1.136250	-29.18361	-4.622104	33.50789	9.887300
0.500		-18.43234	-1.136250	-4.343609	-4.622104	-18.97915	13.44491
1.000		-7.718737	-1.136250	20.49639	-4.622104	6.308120	17.00252

LOADING 74

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-25.76504	-1.136324	-26.50728	-4.622114	22.81028	9.887122
0.500		-15.05144	-1.136324	-1.667283	-4.622114	-21.29715	13.44497
1.000		-4.337836	-1.136324	23.17272	-4.622114	12.36971	17.00281

LOADING 75

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-29.14496	-1.314490	-29.18349	-4.543150	33.50739	9.466724
0.500		-18.43136	-1.314490	-4.343484	-4.543150	-18.97925	13.58241
1.000		-7.717760	-1.314490	20.49652	-4.543150	6.308410	17.69809

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LOADING 1 G1 - PESI PROPRI STRUTTURALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-46.67998	-0.3242575E-03	148.9017	0.1903842E-04	91.51886	-0.2919235E-03
0.500		-46.67998	-0.3242575E-03	157.1048	0.1903842E-04	141.2449	-0.1865397E-03
1.000		-46.67998	-0.3242575E-03	165.3077	0.1903842E-04	193.6370	-0.8115604E-04

LOADING 2 G2 - SOVRACCARICHI PERMANENTI PORTATI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-46.45337	0.3258888E-04	50.27324	0.1183389E-04	35.56341	-0.6069144E-04
0.500		-46.45337	0.3258888E-04	53.84173	0.1183389E-04	52.48210	-0.7128282E-04
1.000		-46.45337	0.3258888E-04	57.41024	0.1183389E-04	70.56055	-0.8187420E-04

LOADING 3 Qk - SOVRACCARICHI ACCIDENTALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-9.565748	-0.1032257E-02	15.31453	0.7840931E-04	9.786556	-0.3048813E-03
0.500		-9.565748	-0.1032257E-02	16.30577	0.7840931E-04	14.92486	0.3060224E-04
1.000		-9.565748	-0.1032257E-02	17.29703	0.7840931E-04	20.38531	0.3660857E-03

LOADING 4 Qn - NEVE

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-11.52458	-0.2195112E-02	26.67163	0.1642934E-03	16.30277	-0.6402035E-03

0.500	-11.52458	-0.2195112E-02	28.25763	0.1642934E-03	25.22878	0.7320814E-04
1.000	-11.52458	-0.2195112E-02	29.84363	0.1642934E-03	34.67023	0.7866197E-03

LOADING 5 Qv (+X) - VENTO IN DIREZIONE X, VERSO POSITIVO

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-4.366100	-0.6232426E-03	-1.107654	0.6063220E-04	2.056070	-0.1239903E-03
0.500	-4.366100	-0.6232426E-03	-1.107654	0.6063220E-04	1.696082	0.7856358E-04
1.000	-4.366100	-0.6232426E-03	-1.107654	0.6063220E-04	1.336095	0.2811174E-03

LOADING 6 Qv (-X) - VENTO IN DIREZIONE X, VERSO NEGATIVO

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-0.7973775	0.1706787E-03	-0.8879443	-0.2542609E-04	-1.288708	0.1992100E-05
0.500	-0.7973775	0.1706787E-03	-0.8879443	-0.2542609E-04	-1.577289	-0.5347849E-04
1.000	-0.7973775	0.1706787E-03	-0.8879443	-0.2542609E-04	-1.865871	-0.1089491E-03

LOADING 7 Qv (+Y) - VENTO IN DIREZIONE Y, VERSO POSITIVO

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-0.2515910E-01	13.68450	0.3333610E-01	1.932366	0.9031767E-01	3.198199
0.500	-0.2515910E-01	13.68450	0.3333610E-01	1.932366	0.1011519	-1.249265
1.000	-0.2515910E-01	13.68450	0.3333610E-01	1.932366	0.1119861	-5.696729

LOADING 8 Qv (-Y) - VENTO IN DIREZIONE Y, VERSO NEGATIVO

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	0.3025307E-01	-13.68454	0.3972625E-01	-1.932365	0.6329708E-01	-3.198208
0.500	0.3025307E-01	-13.68454	0.3972625E-01	-1.932365	0.7620811E-01	1.249268
1.000	0.3025307E-01	-13.68454	0.3972625E-01	-1.932365	0.8911915E-01	5.696744

LOADING 9

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-147.9949	-0.4134807E-02	300.9061	0.3355370E-03	193.9643	-0.1507465E-02

0.500	-147.9949	-0.4134807E-02	318.8854	0.3355370E-03	294.6805	-0.1636526E-03
1.000	-147.9949	-0.4134807E-02	336.8647	0.3355370E-03	401.2399	0.1180160E-02

LOADING 10

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-144.7831	-0.3420278E-02	301.1038	0.2580846E-03	190.9540	-0.1394081E-02
0.500	-144.7831	-0.3420278E-02	319.0832	0.2580846E-03	291.7344	-0.2824905E-03
1.000	-144.7831	-0.3420278E-02	337.0625	0.2580846E-03	398.3581	0.8291000E-03

LOADING 11

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-144.0881	12.31248	301.9330	1.739411	192.1951	2.876983
0.500	-144.0881	12.31248	319.9123	1.739411	293.2450	-1.124573
1.000	-144.0881	12.31248	337.8916	1.739411	400.1382	-5.126129

LOADING 12

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-144.0382	-12.31966	301.9388	-1.738847	192.1708	-2.879783
0.500	-144.0382	-12.31966	319.9181	-1.738847	293.2226	1.124107
1.000	-144.0382	-12.31966	337.8974	-1.738847	400.1176	5.127997

LOADING 13

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-142.2897	-0.4232756E-02	297.9380	0.3411431E-03	191.5116	-0.1530296E-02
0.500	-142.2897	-0.4232756E-02	315.6200	0.3411431E-03	291.2148	-0.1546499E-03
1.000	-142.2897	-0.4232756E-02	333.3019	0.3411431E-03	396.6646	0.1220996E-02

LOADING 14

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-139.0779	-0.3518227E-02	298.1358	0.2636907E-03	188.5013	-0.1416912E-02

0.500	-139.0779	-0.3518227E-02	315.8177	0.2636907E-03	288.2687	-0.2734878E-03
1.000	-139.0779	-0.3518227E-02	333.4997	0.2636907E-03	393.7828	0.8699361E-03

LOADING 15

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-138.3829	12.31238	298.9649	1.739416	189.7424	2.876960
0.500	-138.3829	12.31238	316.6469	1.739416	289.7793	-1.124564
1.000	-138.3829	12.31238	334.3288	1.739416	395.5629	-5.126088

LOADING 16

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-138.3330	-12.31976	298.9707	-1.738842	189.7181	-2.879806
0.500	-138.3330	-12.31976	316.6526	-1.738842	289.7569	1.124116
1.000	-138.3330	-12.31976	334.3346	-1.738842	395.5423	5.128038

LOADING 17

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-136.2659	-0.2960367E-02	277.2697	0.2543024E-03	180.5181	-0.1124537E-02
0.500	-136.2659	-0.2960367E-02	293.7621	0.2543024E-03	273.3108	-0.1624179E-03
1.000	-136.2659	-0.2960367E-02	310.2546	0.2543024E-03	371.4636	0.7997017E-03

LOADING 18

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-130.9129	-0.1769485E-02	277.5993	0.1252150E-03	175.5010	-0.9355638E-03
0.500	-130.9129	-0.1769485E-02	294.0917	0.1252150E-03	268.4008	-0.3604809E-03
1.000	-130.9129	-0.1769485E-02	310.5842	0.1252150E-03	366.6606	0.2146019E-03

LOADING 19

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-129.7545	20.52473	278.9812	2.898713	177.5695	4.796360

0.500	-129.7545	20.52473	295.4736	2.898713	270.9184	-1.874178
1.000	-129.7545	20.52473	311.9661	2.898713	369.6274	-8.544715

LOADING 20

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-129.6714	-20.52884	278.9908	-2.898384	177.5290	-4.798252
0.500	-129.6714	-20.52884	295.4832	-2.898384	270.8810	1.873622
1.000	-129.6714	-20.52884	311.9757	-2.898384	369.5931	8.545495

LOADING 21

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-111.0810	-0.2795427E-02	227.1607	0.2278077E-03	146.2539	-0.1051992E-02
0.500	-111.0810	-0.2795427E-02	240.7165	0.2278077E-03	222.2839	-0.1434781E-03
1.000	-111.0810	-0.2795427E-02	254.2722	0.2278077E-03	302.7196	0.7650359E-03

LOADING 22

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-108.9398	-0.2319074E-02	227.2926	0.1761727E-03	144.2470	-0.9764026E-03
0.500	-108.9398	-0.2319074E-02	240.8483	0.1761727E-03	220.3199	-0.2227034E-03
1.000	-108.9398	-0.2319074E-02	254.4041	0.1761727E-03	300.7984	0.5309959E-03

LOADING 23

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-108.4765	8.208280	227.8453	1.159611	145.0744	1.917942
0.500	-108.4765	8.208280	241.4011	1.159611	221.3270	-0.7497498
1.000	-108.4765	8.208280	254.9568	1.159611	301.9851	-3.417441

LOADING 24

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-108.4432	-8.213146	227.8492	-1.159227	145.0582	-1.919903

0.500	-108.4432	-8.213146	241.4049	-1.159227	221.3120	0.7493702
1.000	-108.4432	-8.213146	254.9607	-1.159227	301.9714	3.418643

LOADING 25

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-107.2776	-0.2860727E-02	225.1820	0.2315451E-03	144.6187	-0.1067213E-02
0.500	-107.2776	-0.2860727E-02	238.5395	0.2315451E-03	219.9734	-0.1374763E-03
1.000	-107.2776	-0.2860727E-02	251.8970	0.2315451E-03	299.6694	0.7922600E-03

LOADING 26

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-105.1364	-0.2384374E-02	225.3139	0.1799101E-03	142.6118	-0.9916232E-03
0.500	-105.1364	-0.2384374E-02	238.6713	0.1799101E-03	218.0094	-0.2167015E-03
1.000	-105.1364	-0.2384374E-02	252.0289	0.1799101E-03	297.7482	0.5582200E-03

LOADING 27

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-104.6730	8.208215	225.8666	1.159615	143.4392	1.917927
0.500	-104.6730	8.208215	239.2241	1.159615	219.0165	-0.7497438
1.000	-104.6730	8.208215	252.5816	1.159615	298.9350	-3.417414

LOADING 28

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-104.6398	-8.213212	225.8705	-1.159224	143.4230	-1.919918
0.500	-104.6398	-8.213212	239.2279	-1.159224	219.0015	0.7493762
1.000	-104.6398	-8.213212	252.5854	-1.159224	298.9212	3.418670

LOADING 29

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-103.2617	-0.2012467E-02	211.4031	0.1736512E-03	137.2897	-0.7967069E-03

0.500	-103.2617	-0.2012467E-02	223.9676	0.1736512E-03	208.0375	-0.1426549E-03
1.000	-103.2617	-0.2012467E-02	236.5322	0.1736512E-03	282.8687	0.5113971E-03

LOADING 30

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-99.69302	-0.1218546E-02	211.6228	0.8759294E-04	133.9449	-0.6707245E-03
0.500	-99.69302	-0.1218546E-02	224.1874	0.8759294E-04	204.7641	-0.2746970E-03
1.000	-99.69302	-0.1218546E-02	236.7519	0.8759294E-04	279.6668	0.1213306E-03

LOADING 31

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-98.92080	13.68311	212.5441	1.932479	135.3240	3.197526
0.500	-98.92080	13.68311	225.1086	1.932479	206.4426	-1.249486
1.000	-98.92080	13.68311	237.6731	1.932479	281.6446	-5.696498

LOADING 32

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-98.86539	-13.68593	212.5505	-1.932252	135.2970	-3.198881
0.500	-98.86539	-13.68593	225.1150	-1.932252	206.4176	1.249047
1.000	-98.86539	-13.68593	237.6795	-1.932252	281.6217	5.696975

LOADING 33

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-93.13335	-0.2916687E-03	199.1750	0.3087231E-04	127.0823	-0.3526149E-03
0.500	-93.13335	-0.2916687E-03	210.9465	0.3087231E-04	193.7270	-0.2578226E-03
1.000	-93.13335	-0.2916687E-03	222.7180	0.3087231E-04	264.1975	-0.1630302E-03

LOADING 34

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-95.43827	-0.7306911E-03	204.5093	0.6373100E-04	130.3428	-0.4806556E-03

0.500	-95.43827	-0.7306911E-03	216.5980	0.6373100E-04	198.7728	-0.2431809E-03
1.000	-95.43827	-0.7306911E-03	228.6867	0.6373100E-04	271.1316	-0.5706289E-05

LOADING 35

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-94.00658	-0.4163172E-03	198.9534	0.4299876E-04	127.4935	-0.3774130E-03
0.500	-94.00658	-0.4163172E-03	210.7250	0.4299876E-04	194.0662	-0.2421098E-03
1.000	-94.00658	-0.4163172E-03	222.4965	0.4299876E-04	264.4648	-0.1068068E-03

LOADING 36

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-93.29283	-0.2575329E-03	198.9974	0.2578710E-04	126.8245	-0.3522165E-03
0.500	-93.29283	-0.2575329E-03	210.7689	0.2578710E-04	193.4116	-0.2685183E-03
1.000	-93.29283	-0.2575329E-03	222.5404	0.2578710E-04	263.8243	-0.1848200E-03

LOADING 37

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-93.13838	2.736609	199.1816	0.3865041	127.1003	0.6392871
0.500	-93.13838	2.736609	210.9532	0.3865041	193.7473	-0.2501109
1.000	-93.13838	2.736609	222.7247	0.3865041	264.2199	-1.139509

LOADING 38

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-93.12730	-2.737200	199.1829	-0.3864421	127.0949	-0.6399943
0.500	-93.12730	-2.737200	210.9544	-0.3864421	193.7423	0.2495958
1.000	-93.12730	-2.737200	222.7259	-0.3864421	264.2153	1.139186

LOADING 39

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-93.13335	-0.2916687E-03	199.1750	0.3087231E-04	127.0823	-0.3526149E-03

0.500	-93.13335	-0.2916687E-03	210.9465	0.3087231E-04	193.7270	-0.2578226E-03
1.000	-93.13335	-0.2916687E-03	222.7180	0.3087231E-04	264.1975	-0.1630302E-03

LOADING 40 EX + ey: SISMA X positivo, eccentricità positiva

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	73.20361	8.426296	40.04892	-0.3220947	17.46481	2.704727
0.500	73.20361	8.426296	40.04892	-0.3220947	30.48071	-0.3381963E-01
1.000	73.20361	8.426296	40.04892	-0.3220947	43.49661	-2.772367

LOADING 41 EX - ey: SISMA X positivo, eccentricità negativa

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	73.21255	-8.420200	40.04633	0.3220920	17.45438	-2.700695
0.500	73.21255	-8.420200	40.04633	0.3220920	30.46945	0.3587028E-01
1.000	73.21255	-8.420200	40.04633	0.3220920	43.48450	2.772436

LOADING 42 EY + ex: SISMA Y positivo, eccentricità positiva

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-0.2879313	-15.14522	-0.3711926E-01	11.94223	0.1351960	-6.450152
0.500	-0.2879313	-15.14522	-0.3711926E-01	11.94223	0.1231322	-1.527956
1.000	-0.2879313	-15.14522	-0.3711926E-01	11.94223	0.1110685	3.394241

LOADING 43 EY - ex: SISMA Y positivo, eccentricità negativa

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-0.3115501	-31.22076	-0.2536494E-01	14.19426	0.1672908	-12.32489
0.500	-0.3115501	-31.22076	-0.2536494E-01	14.19426	0.1590472	-2.178148
1.000	-0.3115501	-31.22076	-0.2536494E-01	14.19426	0.1508036	7.968600

LOADING 44

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-20.01612	3.882439	239.2128	3.260606	144.5876	0.7693288

0.500	-20.01612	3.882439	250.9843	3.260606	224.2447	-0.4924642
1.000	-20.01612	3.882439	262.7558	3.260606	307.7274	-1.754257

LOADING 45

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-19.84336	12.96957	239.2350	-3.904733	144.5065	4.639420
0.500	-19.84336	12.96957	251.0065	-3.904733	224.1708	0.4243093
1.000	-19.84336	12.96957	262.7780	-3.904733	307.6608	-3.790802

LOADING 46

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-20.02321	-0.9402226	239.2163	3.936213	144.5973	-0.9930940
0.500	-20.02321	-0.9402226	250.9878	3.936213	224.2555	-0.6875217
1.000	-20.02321	-0.9402226	262.7593	3.936213	307.7394	-0.3819493

LOADING 47

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-19.83628	17.79223	239.2315	-4.580341	144.4969	6.401843
0.500	-19.83628	17.79223	251.0030	-4.580341	224.1600	0.6193668
1.000	-19.83628	17.79223	262.7745	-4.580341	307.6489	-5.163110

LOADING 48

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-166.4233	-12.97015	159.1149	3.904795	109.6580	-4.640126
0.500	-166.4233	-12.97015	170.8864	3.904795	163.2832	-0.4248249
1.000	-166.4233	-12.97015	182.6579	3.904795	220.7342	3.790476

LOADING 49

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-166.2506	-3.883023	159.1372	-3.260544	109.5769	-0.7700340

0.500	-166.2506	-3.883023	170.9087	-3.260544	163.2094	0.4919485
1.000	-166.2506	-3.883023	182.6802	-3.260544	220.6676	1.753931

LOADING 50

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-166.4304	-17.79282	159.1184	4.580402	109.6676	-6.402549
0.500	-166.4304	-17.79282	170.8900	4.580402	163.2940	-0.6198824
1.000	-166.4304	-17.79282	182.6615	4.580402	220.7461	5.162783

LOADING 51

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-166.2435	0.9396392	159.1337	-3.936152	109.5673	0.9923888
0.500	-166.2435	0.9396392	170.9052	-3.936152	163.1986	0.6870061
1.000	-166.2435	0.9396392	182.6767	-3.936152	220.6557	0.3816233

LOADING 52

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-20.00718	-12.96406	239.2102	3.904792	144.5772	-4.636094
0.500	-20.00718	-12.96406	250.9817	3.904792	224.2334	-0.4227743
1.000	-20.00718	-12.96406	262.7532	3.904792	307.7153	3.790545

LOADING 53

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-19.83442	-3.876926	239.2324	-3.260546	144.4961	-0.7660021
0.500	-19.83442	-3.876926	251.0040	-3.260546	224.1595	0.4939992
1.000	-19.83442	-3.876926	262.7755	-3.260546	307.6487	1.754000

LOADING 54

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-20.01427	-17.78672	239.2137	4.580400	144.5869	-6.398516

0.500	-20.01427	-17.78672	250.9852	4.580400	224.2442	-0.6178318
1.000	-20.01427	-17.78672	262.7567	4.580400	307.7272	5.162853

LOADING 55

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-19.82734	0.9457355	239.2289	-3.936154	144.4865	0.9964207
0.500	-19.82734	0.9457355	251.0004	-3.936154	224.1487	0.6890567
1.000	-19.82734	0.9457355	262.7719	-3.936154	307.6368	0.3816926

LOADING 56

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-166.4323	3.876343	159.1175	3.260608	109.6685	0.7652969
0.500	-166.4323	3.876343	170.8890	3.260608	163.2945	-0.4945148
1.000	-166.4323	3.876343	182.6605	3.260608	220.7463	-1.754327

LOADING 57

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-166.2595	12.96347	159.1398	-3.904731	109.5873	4.635388
0.500	-166.2595	12.96347	170.9113	-3.904731	163.2206	0.4222586
1.000	-166.2595	12.96347	182.6828	-3.904731	220.6797	-3.790871

LOADING 58

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-166.4394	-0.9463187	159.1210	3.936216	109.6781	-0.9971259
0.500	-166.4394	-0.9463187	170.8925	3.936216	163.3053	-0.6895724
1.000	-166.4394	-0.9463187	182.6640	3.936216	220.7582	-0.3820187

LOADING 59

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-166.2524	17.78614	159.1363	-4.580338	109.5777	6.397811

0.500	-166.2524	17.78614	170.9078	-4.580338	163.2099	0.6173161
1.000	-166.2524	17.78614	182.6793	-4.580338	220.6678	-5.163179

LOADING 60

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-71.46020	-12.61762	211.1525	11.84563	132.4569	-5.639087
0.500	-71.46020	-12.61762	222.9240	11.84563	202.9944	-1.538360
1.000	-71.46020	-12.61762	234.6956	11.84563	277.3575	2.562368

LOADING 61

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-115.3824	-17.67340	187.1232	12.03889	121.9780	-7.261923
0.500	-115.3824	-17.67340	198.8947	12.03889	184.7059	-1.518068
1.000	-115.3824	-17.67340	210.6662	12.03889	251.2596	4.225788

LOADING 62

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-71.45752	-17.67157	211.1518	12.03889	132.4538	-7.260714
0.500	-71.45752	-17.67157	222.9233	12.03889	202.9910	-1.517452
1.000	-71.45752	-17.67157	234.6948	12.03889	277.3539	4.225809

LOADING 63

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-115.3850	-12.61945	187.1240	11.84563	121.9812	-5.640296
0.500	-115.3850	-12.61945	198.8955	11.84563	184.7093	-1.538975
1.000	-115.3850	-12.61945	210.6670	11.84563	251.2632	2.562347

LOADING 64

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-70.88434	17.67282	211.2268	-12.03883	132.1865	7.261218

0.500	-70.88434	17.67282	222.9983	-12.03883	202.7481	1.517552
1.000	-70.88434	17.67282	234.7698	-12.03883	277.1354	-4.226114

LOADING 65

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-114.8065	12.61704	187.1974	-11.84557	121.7076	5.638381
0.500	-114.8065	12.61704	198.9689	-11.84557	184.4597	1.537844
1.000	-114.8065	12.61704	210.7404	-11.84557	251.0374	-2.562694

LOADING 66

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-70.88165	12.61887	211.2260	-11.84557	132.1834	5.639591
0.500	-70.88165	12.61887	222.9975	-11.84557	202.7447	1.538459
1.000	-70.88165	12.61887	234.7690	-11.84557	277.1318	-2.562673

LOADING 67

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-114.8092	17.67099	187.1982	-12.03883	121.7108	7.260008
0.500	-114.8092	17.67099	198.9697	-12.03883	184.4630	1.516937
1.000	-114.8092	17.67099	210.7412	-12.03883	251.0411	-4.226135

LOADING 68

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-71.48382	-28.69316	211.1643	14.09766	132.4890	-11.51383
0.500	-71.48382	-28.69316	222.9358	14.09766	203.0303	-2.188551
1.000	-71.48382	-28.69316	234.7073	14.09766	277.3973	7.136727

LOADING 69

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-115.4060	-33.74894	187.1349	14.29092	122.0101	-13.13666

0.500	-115.4060	-33.74894	198.9064	14.29092	184.7419	-2.168259
1.000	-115.4060	-33.74894	210.6779	14.29092	251.2993	8.800147

LOADING 70

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-71.48114	-33.74711	211.1635	14.29092	132.4859	-13.13546
0.500	-71.48114	-33.74711	222.9350	14.29092	203.0269	-2.167644
1.000	-71.48114	-33.74711	234.7065	14.29092	277.3937	8.800168

LOADING 71

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-115.4087	-28.69499	187.1357	14.09766	122.0132	-11.51504
0.500	-115.4087	-28.69499	198.9072	14.09766	184.7452	-2.189166
1.000	-115.4087	-28.69499	210.6787	14.09766	251.3030	7.136706

LOADING 72

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-70.86072	33.74836	211.2150	-14.29085	132.1544	13.13596
0.500	-70.86072	33.74836	222.9865	-14.29085	202.7122	2.167744
1.000	-70.86072	33.74836	234.7580	-14.29085	277.0957	-8.800473

LOADING 73

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-114.7829	28.69258	187.1857	-14.09760	121.6756	11.51312
0.500	-114.7829	28.69258	198.9572	-14.09760	184.4238	2.188035
1.000	-114.7829	28.69258	210.7287	-14.09760	250.9977	-7.137053

LOADING 74

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-70.85804	28.69441	211.2142	-14.09760	132.1513	11.51433

0.500	-70.85804	28.69441	222.9857	-14.09760	202.7088	2.188651
1.000	-70.85804	28.69441	234.7572	-14.09760	277.0921	-7.137033

LOADING 75

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-114.7856	33.74652	187.1864	-14.29085	121.6787	13.13475
0.500	-114.7856	33.74652	198.9579	-14.29085	184.4271	2.167128
1.000	-114.7856	33.74652	210.7295	-14.29085	251.0014	-8.800494

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LOADING 1 G1 - PESI PROPRI STRUTTURALI

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-28.68677	-0.2888618E-04	-91.69230	0.2213203E-04	136.7690	-0.5971477E-04
0.500	-28.68677	-0.2888618E-04	-11.55530	0.2213203E-04	-27.13659	0.3199885E-04
1.000	-28.68677	-0.2888618E-04	68.58170	0.2213203E-04	63.39280	0.1237125E-03

LOADING 2 G2 - SOVRACCARICHI PERMANENTI PORTATI

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-41.17706	0.3729459E-04	-38.86409	0.5597092E-06	53.90827	0.1303888E-03
0.500	-41.17706	0.3729459E-04	-4.002587	0.5597092E-06	-14.14258	0.1197844E-04
1.000	-41.17706	0.3729459E-04	30.85891	0.5597092E-06	28.49184	-0.1064319E-03

LOADING 3 Qk - SOVRACCARICHI ACCIDENTALI

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-7.922017	-0.7833816E-04	-10.80342	-0.2020490E-05	15.16302	-0.2234642E-03
0.500	-7.922017	-0.7833816E-04	-1.119665	-0.2020490E-05	-3.764865	0.2525950E-04
1.000	-7.922017	-0.7833816E-04	8.564085	-0.2020490E-05	8.053150	0.2739831E-03

LOADING 4 Qn - NEVE

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-8.503801	-0.1740598E-03	-17.43673	-0.3234111E-05	25.09058	-0.5002682E-03
0.500		-8.503801	-0.1740598E-03	-1.942729	-0.3234111E-05	-5.674309	0.5237165E-04
1.000		-8.503801	-0.1740598E-03	13.55127	-0.3234111E-05	12.75425	0.6050115E-03

LOADING 5 Qv (+X) - VENTO IN DIREZIONE X, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-3.285094	-0.4713781E-04	0.8976576	-0.2700092E-04	-3.089095	-0.1311739E-03
0.500		-3.285094	-0.4713781E-04	0.8976576	-0.2700092E-04	-0.2390320	0.1848863E-04
1.000		-3.285094	-0.4713781E-04	0.8976576	-0.2700092E-04	2.611031	0.1681512E-03

LOADING 6 Qv (-X) - VENTO IN DIREZIONE X, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-1.923578	0.1451922E-04	-0.8285575	0.2418107E-04	2.763649	0.3701881E-04
0.500		-1.923578	0.1451922E-04	-0.8285575	0.2418107E-04	0.1329788	-0.9079709E-05
1.000		-1.923578	0.1451922E-04	-0.8285575	0.2418107E-04	-2.497691	-0.5517823E-04

LOADING 7 Qv (+Y) - VENTO IN DIREZIONE Y, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	0.7729440E-02	0.8591225	-0.5591560E-02	0.3574888	0.3165653E-01	2.419241
0.500		0.7729440E-02	0.8591225	-0.5591560E-02	0.3574888	0.1390332E-01	-0.3084725
1.000		0.7729440E-02	0.8591225	-0.5591560E-02	0.3574888	-0.3849881E-02	-3.036186

LOADING 8 Qv (-Y) - VENTO IN DIREZIONE Y, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	0.5743259E-01	-0.8591289	-0.3924051E-02	-0.3574878	0.2395461E-01	-2.419261
0.500		0.5743259E-01	-0.8591289	-0.3924051E-02	-0.3574878	0.1149575E-01	0.3084735
1.000		0.5743259E-01	-0.8591289	-0.3924051E-02	-0.3574878	-0.9631102E-03	3.036208

LOADING 9

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-112.0404	-0.2795452E-03	-198.1981	-0.2578843E-06	286.6627	-0.7365777E-03
0.500		-112.0404	-0.2795452E-03	-22.55391	-0.2578843E-06	-63.78108	0.1509782E-03
1.000		-112.0404	-0.2795452E-03	153.0903	-0.2578843E-06	143.4454	0.1038534E-02

LOADING 10

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-110.8151	-0.2240539E-03	-199.7517	0.4580590E-04	291.9301	-0.5852043E-03
0.500		-110.8151	-0.2240539E-03	-24.10750	0.4580590E-04	-63.44627	0.1261667E-03
1.000		-110.8151	-0.2240539E-03	151.5367	0.4580590E-04	138.8475	0.8375378E-03

LOADING 11

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-109.0769	0.7729731	-199.0110	0.3217640	289.4714	2.176699
0.500		-109.0769	0.7729731	-23.36683	0.3217640	-63.55344	-0.2774909
1.000		-109.0769	0.7729731	152.2773	0.3217640	141.0920	-2.731681

LOADING 12

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-109.0322	-0.7734531	-199.0095	-0.3217150	289.4644	-2.177953
0.500		-109.0322	-0.7734531	-23.36533	-0.3217150	-63.55561	0.2777605
1.000		-109.0322	-0.7734531	152.2788	-0.3217150	141.0946	2.733474

LOADING 13

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-106.5353	-0.2925828E-03	-195.0705	0.3472682E-06	282.7361	-0.7765826E-03
0.500		-106.5353	-0.2925828E-03	-22.33146	0.3472682E-06	-62.38951	0.1523677E-03
1.000		-106.5353	-0.2925828E-03	150.4076	0.3472682E-06	140.9313	0.1081318E-02

LOADING 14

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-105.3099	-0.2370915E-03	-196.6241	0.4641105E-04	288.0036	-0.6252092E-03
0.500		-105.3099	-0.2370915E-03	-23.88505	0.4641105E-04	-62.05470	0.1275562E-03
1.000		-105.3099	-0.2370915E-03	148.8540	0.4641105E-04	136.3335	0.8803216E-03

LOADING 15

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-103.5717	0.7729601	-195.8834	0.3217646	285.5448	2.176659
0.500		-103.5717	0.7729601	-23.14438	0.3217646	-62.16187	-0.2774895
1.000		-103.5717	0.7729601	149.5947	0.3217646	138.5779	-2.731638

LOADING 16

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-103.5270	-0.7734662	-195.8819	-0.3217144	285.5378	-2.177993
0.500		-103.5270	-0.7734662	-23.14288	-0.3217144	-62.16403	0.2777619
1.000		-103.5270	-0.7734662	149.5962	-0.3217144	138.5806	2.733517

LOADING 17

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-102.1285	-0.1903206E-03	-181.4544	-0.1342770E-04	262.0647	-0.4800859E-03
0.500		-102.1285	-0.1903206E-03	-20.33582	-0.1342770E-04	-58.27720	0.1241822E-03
1.000		-102.1285	-0.1903206E-03	140.7827	-0.1342770E-04	132.9323	0.7284501E-03

LOADING 18

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-100.0862	-0.9783509E-04	-184.0437	0.6334528E-04	270.8438	-0.2277968E-03
0.500		-100.0862	-0.9783509E-04	-22.92514	0.6334528E-04	-57.71918	0.8282965E-04
1.000		-100.0862	-0.9783509E-04	138.1934	0.6334528E-04	125.2692	0.3934560E-03

LOADING 19

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-97.18922	1.288564	-182.8092	0.5362603	266.7458	3.628579
0.500		-97.18922	1.288564	-21.69069	0.5362603	-57.89780	-0.4626123
1.000		-97.18922	1.288564	139.4279	0.5362603	129.0099	-4.553803

LOADING 20

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-97.11468	-1.288813	-182.8067	-0.5362047	266.7343	-3.629174
0.500		-97.11468	-1.288813	-21.68819	-0.5362047	-57.90141	0.4628068
1.000		-97.11468	-1.288813	139.4304	-0.5362047	129.0143	4.554788

LOADING 21

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-84.00880	-0.1852423E-03	-149.5396	0.2853642E-05	216.5321	-0.4816286E-03
0.500		-84.00880	-0.1852423E-03	-17.11032	0.2853642E-05	-48.02461	0.1065158E-03
1.000		-84.00880	-0.1852423E-03	115.3189	0.2853642E-05	107.8815	0.6946602E-03

LOADING 22

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-83.19189	-0.1482481E-03	-150.5753	0.3356284E-04	220.0437	-0.3807130E-03
0.500		-83.19189	-0.1482481E-03	-18.14606	0.3356284E-04	-47.80140	0.8997479E-04
1.000		-83.19189	-0.1482481E-03	114.2832	0.3356284E-04	104.8163	0.5606626E-03

LOADING 23

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-82.03310	0.5153166	-150.0815	0.2145124	218.4046	1.451142
0.500		-82.03310	0.5153166	-17.65228	0.2145124	-47.87285	-0.1849881
1.000		-82.03310	0.5153166	114.7770	0.2145124	106.3126	-1.821118

LOADING 24

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-82.00329	-0.5156343	-150.0805	-0.2144736	218.3999	-1.451959
0.500		-82.00329	-0.5156343	-17.65127	-0.2144736	-47.87429	0.1851796
1.000		-82.00329	-0.5156343	114.7780	-0.2144736	106.3143	1.822318

LOADING 25

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-80.33868	-0.1939341E-03	-147.4545	0.3257077E-05	213.9144	-0.5082985E-03
0.500		-80.33868	-0.1939341E-03	-16.96202	0.3257077E-05	-47.09690	0.1074421E-03
1.000		-80.33868	-0.1939341E-03	113.5305	0.3257077E-05	106.2055	0.7231828E-03

LOADING 26

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-79.52177	-0.1569399E-03	-148.4902	0.3396627E-04	217.4260	-0.4073829E-03
0.500		-79.52177	-0.1569399E-03	-17.99775	0.3396627E-04	-46.87369	0.9090111E-04
1.000		-79.52177	-0.1569399E-03	112.4947	0.3396627E-04	103.1403	0.5891851E-03

LOADING 27

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-78.36299	0.5153078	-147.9965	0.2145128	215.7868	1.451115
0.500		-78.36299	0.5153078	-17.50397	0.2145128	-46.94513	-0.1849872
1.000		-78.36299	0.5153078	112.9885	0.2145128	104.6366	-1.821090

LOADING 28

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-78.33316	-0.5156430	-147.9955	-0.2144732	215.7822	-1.451986
0.500		-78.33316	-0.5156430	-17.50297	-0.2144732	-46.94658	0.1851805
1.000		-78.33316	-0.5156430	112.9895	-0.2144732	104.6383	1.822347

LOADING 29

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	-77.40082	-0.1257593E-03	-138.3771	-0.5926234E-05	200.1334	-0.3106340E-03	
0.500	-77.40082	-0.1257593E-03	-15.63160	-0.5926234E-05	-44.35536	0.8865175E-04	
1.000	-77.40082	-0.1257593E-03	107.1139	-0.5926234E-05	100.8728	0.4879375E-03	

LOADING 30

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	-76.03931	-0.6410227E-04	-140.1033	0.4525575E-04	205.9862	-0.1424413E-03	
0.500	-76.03931	-0.6410227E-04	-17.35781	0.4525575E-04	-43.98334	0.6108341E-04	
1.000	-76.03931	-0.6410227E-04	105.3877	0.4525575E-04	95.76408	0.2646081E-03	

LOADING 31

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	-74.10799	0.8590439	-139.2803	0.3575099	203.2542	2.419062	
0.500	-74.10799	0.8590439	-16.53485	0.3575099	-44.10242	-0.3084023	
1.000	-74.10799	0.8590439	106.2107	0.3575099	98.25791	-3.035867	

LOADING 32

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	-74.05830	-0.8592075	-139.2787	-0.3574668	203.2465	-2.419440	
0.500	-74.05830	-0.8592075	-16.53318	-0.3574668	-44.10483	0.3085437	
1.000	-74.05830	-0.8592075	106.2123	-0.3574668	98.26080	3.036527	

LOADING 33

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	-69.86383	0.8408410E-05	-130.5564	0.2269174E-04	190.6772	0.7067399E-04	
0.500	-69.86383	0.8408410E-05	-15.55789	0.2269174E-04	-41.27917	0.4397729E-04	
1.000	-69.86383	0.8408410E-05	99.44061	0.2269174E-04	91.88464	0.1728059E-04	

LOADING 34

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-71.56458	-0.2640355E-04	-134.0437	0.2204492E-04	195.6954	-0.2937965E-04
0.500		-71.56458	-0.2640355E-04	-15.94644	0.2204492E-04	-42.41403	0.5445162E-04
1.000		-71.56458	-0.2640355E-04	102.1509	0.2204492E-04	94.43549	0.1382829E-03

LOADING 35

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-70.52084	-0.1019151E-05	-130.3769	0.1729156E-04	190.0594	0.4443921E-04
0.500		-70.52084	-0.1019151E-05	-15.37836	0.1729156E-04	-41.32697	0.4767501E-04
1.000		-70.52084	-0.1019151E-05	99.62014	0.1729156E-04	92.40685	0.5091082E-04

LOADING 36

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-70.24854	0.1131225E-04	-130.7221	0.2752795E-04	191.2300	0.7807775E-04
0.500		-70.24854	0.1131225E-04	-15.72360	0.2752795E-04	-41.25257	0.4216135E-04
1.000		-70.24854	0.1131225E-04	99.27489	0.2752795E-04	91.38511	0.6244940E-05

LOADING 37

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-69.86228	0.1718329	-130.5575	0.7152046E-01	190.6836	0.4839190
0.500		-69.86228	0.1718329	-15.55901	0.7152046E-01	-41.27639	-0.6165053E-01
1.000		-69.86228	0.1718329	99.43949	0.7152046E-01	91.88387	-0.6072200

LOADING 38

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-69.85234	-0.1718174	-130.5572	-0.7147487E-01	190.6820	-0.4837814
0.500		-69.85234	-0.1718174	-15.55868	-0.7147487E-01	-41.27687	0.6173869E-01
1.000		-69.85234	-0.1718174	99.43982	-0.7147487E-01	91.88445	0.6072589

LOADING 39

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-69.86383	0.8408410E-05	-130.5564	0.2269174E-04	190.6772	0.7067399E-04
0.500		-69.86383	0.8408410E-05	-15.55789	0.2269174E-04	-41.27917	0.4397729E-04
1.000		-69.86383	0.8408410E-05	99.44061	0.2269174E-04	91.88464	0.1728059E-04

LOADING 40 EX + ey: SISMA X positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	22.94219	2.085824	16.78698	-0.1676927E-01	-54.48002	6.601430
0.500		22.94219	2.085824	16.78698	-0.1676927E-01	-1.181362	-0.2105921E-01
1.000		22.94219	2.085824	16.78698	-0.1676927E-01	52.11729	-6.643548

LOADING 41 EX - ey: SISMA X positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	22.94561	-2.085423	16.78619	0.1632282E-01	-54.47881	-6.599795
0.500		22.94561	-2.085423	16.78619	0.1632282E-01	-1.182657	0.2142510E-01
1.000		22.94561	-2.085423	16.78619	0.1632282E-01	52.11349	6.642645

LOADING 42 EY + ex: SISMA Y positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-0.2584818	-0.4217427E-01	-0.8803441E-02	1.776280	0.3939120E-01	0.2192055
0.500		-0.2584818	-0.4217427E-01	-0.8803441E-02	1.776280	0.1144028E-01	0.3531088
1.000		-0.2584818	-0.4217427E-01	-0.8803441E-02	1.776280	-0.1651065E-01	0.4870121

LOADING 43 EY - ex: SISMA Y positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-0.2654319	-3.434394	-0.7173708E-02	1.746146	0.3895379E-01	-10.47837
0.500		-0.2654319	-3.434394	-0.7173708E-02	1.746146	0.1617726E-01	0.4258285
1.000		-0.2654319	-3.434394	-0.7173708E-02	1.746146	-0.6599256E-02	11.33003

LOADING 44

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	-46.99918	2.073179	-113.7720	0.5161374	136.2090	6.667263	
0.500	-46.99918	2.073179	1.226447	0.5161374	-42.45710	0.8491741E-01	
1.000	-46.99918	2.073179	116.2249	0.5161374	143.9970	-6.497428	

LOADING 45

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	-46.84409	2.098484	-113.7668	-0.5496305	136.1854	6.535739	
0.500	-46.84409	2.098484	1.231730	-0.5496305	-42.46396	-0.1269479	
1.000	-46.84409	2.098484	116.2302	-0.5496305	144.0069	-6.789635	

LOADING 46

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	-47.00127	1.055514	-113.7716	0.5070972	136.2089	3.457989	
0.500	-47.00127	1.055514	1.226936	0.5070972	-42.45568	0.1067334	
1.000	-47.00127	1.055514	116.2254	0.5070972	144.0000	-3.244522	

LOADING 47

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	-46.84201	3.116150	-113.7673	-0.5405904	136.1855	9.745013	
0.500	-46.84201	3.116150	1.231241	-0.5405904	-42.46539	-0.1487638	
1.000	-46.84201	3.116150	116.2297	-0.5405904	144.0039	-10.04254	

LOADING 48

DISTANCE		FORCE			MOMENT		
FROM START	AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING	
0.000 FR	-92.88356	-2.098467	-147.3460	0.5496759	245.1691	-6.535598	
0.500	-92.88356	-2.098467	-32.34751	0.5496759	-40.09438	0.1270358	
1.000	-92.88356	-2.098467	82.65099	0.5496759	39.76239	6.789669	

LOADING 49

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-92.72847	-2.073163	-147.3407	-0.5160920	245.1454	-6.667121
0.500		-92.72847	-2.073163	-32.34223	-0.5160920	-40.10124	-0.8482946E-01
1.000		-92.72847	-2.073163	82.65627	-0.5160920	39.77230	6.497462

LOADING 50

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-92.88564	-3.116133	-147.3455	0.5406358	245.1689	-9.744872
0.500		-92.88564	-3.116133	-32.34702	0.5406358	-40.09295	0.1488518
1.000		-92.88564	-3.116133	82.65147	0.5406358	39.76537	10.04257

LOADING 51

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-92.72639	-1.055497	-147.3412	-0.5070518	245.1456	-3.457847
0.500		-92.72639	-1.055497	-32.34272	-0.5070518	-40.10266	-0.1066454
1.000		-92.72639	-1.055497	82.65578	-0.5070518	39.76933	3.244557

LOADING 52

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-46.99576	-2.098068	-113.7728	0.5492294	136.2103	-6.533962
0.500		-46.99576	-2.098068	1.225657	0.5492294	-42.45839	0.1274017
1.000		-46.99576	-2.098068	116.2242	0.5492294	143.9932	6.788765

LOADING 53

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-46.84067	-2.072763	-113.7676	-0.5165384	136.1866	-6.665485
0.500		-46.84067	-2.072763	1.230939	-0.5165384	-42.46526	-0.8446357E-01
1.000		-46.84067	-2.072763	116.2294	-0.5165384	144.0031	6.496558

LOADING 54

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-46.99784	-3.115733	-113.7724	0.5401894	136.2101	-9.743237
0.500		-46.99784	-3.115733	1.226146	0.5401894	-42.45697	0.1492177
1.000		-46.99784	-3.115733	116.2246	0.5401894	143.9962	10.04167

LOADING 55

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-46.83859	-1.055097	-113.7680	-0.5074983	136.1868	-3.456212
0.500		-46.83859	-1.055097	1.230450	-0.5074983	-42.46668	-0.1062795
1.000		-46.83859	-1.055097	116.2289	-0.5074983	144.0001	3.243653

LOADING 56

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-92.88698	2.072780	-147.3452	0.5165838	245.1679	6.665627
0.500		-92.88698	2.072780	-32.34672	0.5165838	-40.09308	0.8455152E-01
1.000		-92.88698	2.072780	82.65178	0.5165838	39.76620	-6.496524

LOADING 57

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-92.73190	2.098084	-147.3399	-0.5491841	245.1442	6.534103
0.500		-92.73190	2.098084	-32.34144	-0.5491841	-40.09994	-0.1273138
1.000		-92.73190	2.098084	82.65706	-0.5491841	39.77611	-6.788731

LOADING 58

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-92.88907	1.055114	-147.3447	0.5075437	245.1677	3.456353
0.500		-92.88907	1.055114	-32.34623	0.5075437	-40.09166	0.1063675
1.000		-92.88907	1.055114	82.65227	0.5075437	39.76917	-3.243618

LOADING 59

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-92.72980	3.115750	-147.3404	-0.5401439	245.1443	9.743378
0.500		-92.72980	3.115750	-32.34193	-0.5401439	-40.10136	-0.1491297
1.000		-92.72980	3.115750	82.65658	-0.5401439	39.77314	-10.04164

LOADING 60

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-63.23965	0.5835812	-125.5291	1.771272	174.3726	2.199705
0.500		-63.23965	0.5835812	-10.53060	1.771272	-41.62214	0.3468350
1.000		-63.23965	0.5835812	104.4679	1.771272	107.5033	-1.506035

LOADING 61

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-77.00496	-0.6679129	-135.6013	1.781333	207.0606	-1.761153
0.500		-77.00496	-0.6679129	-20.60279	1.781333	-40.91332	0.3594705
1.000		-77.00496	-0.6679129	94.39571	1.781333	76.23295	2.480094

LOADING 62

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-63.23862	-0.6677929	-125.5293	1.781199	174.3730	-1.760662
0.500		-63.23862	-0.6677929	-10.53084	1.781199	-41.62252	0.3595803
1.000		-63.23862	-0.6677929	104.4677	1.781199	107.5022	2.479823

LOADING 63

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-77.00600	0.5834612	-135.6010	1.771406	207.0603	2.199215
0.500		-77.00600	0.5834612	-20.60255	1.771406	-40.91293	0.3467253
1.000		-77.00600	0.5834612	94.39594	1.771406	76.23408	-1.505764

LOADING 64

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-62.72269	0.6679298	-125.5115	-1.781288	174.2939	1.761294
0.500		-62.72269	0.6679298	-10.51299	-1.781288	-41.64502	-0.3593826
1.000		-62.72269	0.6679298	104.4855	-1.781288	107.5363	-2.480059

LOADING 65

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-76.48801	-0.5835643	-135.5837	-1.771226	206.9819	-2.199564
0.500		-76.48801	-0.5835643	-20.58518	-1.771226	-40.93620	-0.3467471
1.000		-76.48801	-0.5835643	94.41332	-1.771226	76.26597	1.506070

LOADING 66

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-62.72166	-0.5834444	-125.5117	-1.771360	174.2942	-2.199073
0.500		-62.72166	-0.5834444	-10.51323	-1.771360	-41.64540	-0.3466373
1.000		-62.72166	-0.5834444	104.4853	-1.771360	107.5352	1.505799

LOADING 67

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-76.48903	0.6678098	-135.5835	-1.781154	206.9815	1.760804
0.500		-76.48903	0.6678098	-20.58494	-1.781154	-40.93581	-0.3594924
1.000		-76.48903	0.6678098	94.41355	-1.781154	76.26711	-2.479788

LOADING 68

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-63.24660	-2.808639	-125.5275	1.741138	174.3722	-8.497874
0.500		-63.24660	-2.808639	-10.52897	1.741138	-41.61740	0.4195548
1.000		-63.24660	-2.808639	104.4695	1.741138	107.5132	9.336983

LOADING 69

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-77.01191	-4.060133	-135.5997	1.751199	207.0602	-12.45873
0.500		-77.01191	-4.060133	-20.60116	1.751199	-40.90858	0.4321903
1.000		-77.01191	-4.060133	94.39734	1.751199	76.24286	13.32311

LOADING 70

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-63.24557	-4.060013	-125.5277	1.751066	174.3726	-12.45824
0.500		-63.24557	-4.060013	-10.52921	1.751066	-41.61779	0.4323001
1.000		-63.24557	-4.060013	104.4693	1.751066	107.5121	13.32284

LOADING 71

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-77.01294	-2.808759	-135.5994	1.741272	207.0598	-8.498365
0.500		-77.01294	-2.808759	-20.60092	1.741272	-40.90820	0.4194450
1.000		-77.01294	-2.808759	94.39758	1.741272	76.24400	9.337254

LOADING 72

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-62.71574	4.060150	-125.5131	-1.751154	174.2943	12.45887
0.500		-62.71574	4.060150	-10.51462	-1.751154	-41.64975	-0.4321024
1.000		-62.71574	4.060150	104.4839	-1.751154	107.5264	-13.32308

LOADING 73

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-76.48106	2.808656	-135.5853	-1.741093	206.9823	8.498015
0.500		-76.48106	2.808656	-20.58681	-1.741093	-40.94094	-0.4194668
1.000		-76.48106	2.808656	94.41169	-1.741093	76.25605	-9.336948

LOADING 74

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-62.71471	2.808776	-125.5134	-1.741226	174.2946	8.498506
0.500		-62.71471	2.808776	-10.51486	-1.741226	-41.65014	-0.4193571
1.000		-62.71471	2.808776	104.4836	-1.741226	107.5253	-9.337220

LOADING 75

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-76.48208	4.060030	-135.5851	-1.751020	206.9819	12.45838
0.500		-76.48208	4.060030	-20.58657	-1.751020	-40.94055	-0.4322121
1.000		-76.48208	4.060030	94.41192	-1.751020	76.25719	-13.32281

MEMBER 46

LOADING 1 G1 - PESI PROPRI STRUTTURALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-28.68513	-0.2716082E-04	-68.57950	-0.2142931E-04	63.38620	-0.3633968E-04
0.500		-28.68513	-0.2716082E-04	11.55750	-0.2142931E-04	-27.13622	0.4989593E-04
1.000		-28.68513	-0.2716082E-04	91.69451	-0.2142931E-04	136.7764	0.1361315E-03

LOADING 2 G2 - SOVRACCARICHI PERMANENTI PORTATI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-41.17451	-0.1991081E-04	-30.85551	-0.8888666E-06	28.48166	-0.5254161E-04
0.500		-41.17451	-0.1991081E-04	4.005987	-0.8888666E-06	-14.14197	0.1067521E-04
1.000		-41.17451	-0.1991081E-04	38.86749	-0.8888666E-06	53.91967	0.7389203E-04

LOADING 3 Qk - SOVRACCARICHI ACCIDENTALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-7.921645	0.6662241E-04	-8.563589	0.1579085E-05	8.051670	0.2372033E-03
0.500		-7.921645	0.6662241E-04	1.120161	0.1579085E-05	-3.764772	0.2567714E-04
1.000		-7.921645	0.6662241E-04	10.80391	0.1579085E-05	15.16469	-0.1858490E-03

LOADING 4 Qn - NEVE

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-8.503186	0.1472696E-03	-13.55045	0.2300969E-05	12.75179	0.5210261E-03
0.500		-8.503186	0.1472696E-03	1.943552	0.2300969E-05	-5.674161	0.5344506E-04
1.000		-8.503186	0.1472696E-03	17.43755	0.2300969E-05	25.09335	-0.4141360E-03

LOADING 5 Qv (+X) - VENTO IN DIREZIONE X, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-1.968500	-0.7342437E-05	0.8265153	-0.2642579E-04	-2.498320	-0.5402638E-04
0.500		-1.968500	-0.7342437E-05	0.8265153	-0.2642579E-04	0.1258659	-0.3071413E-04
1.000		-1.968500	-0.7342437E-05	0.8265153	-0.2642579E-04	2.750052	-0.7401899E-05

LOADING 6 Qv (-X) - VENTO IN DIREZIONE X, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-3.240199	0.3660449E-04	-0.8956515	0.2903378E-04	2.611768	0.1557348E-03
0.500		-3.240199	0.3660449E-04	-0.8956515	0.2903378E-04	-0.2319257	0.3951558E-04
1.000		-3.240199	0.3660449E-04	-0.8956515	0.2903378E-04	-3.075619	-0.7670368E-04

LOADING 7 Qv (+Y) - VENTO IN DIREZIONE Y, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	0.7619054E-02	-0.8635693	0.5484092E-02	-0.3578022	-0.3500602E-02	-3.050374
0.500		0.7619054E-02	-0.8635693	0.5484092E-02	-0.3578022	0.1391139E-01	-0.3085409
1.000		0.7619054E-02	-0.8635693	0.5484092E-02	-0.3578022	0.3132338E-01	2.433292

LOADING 8 Qv (-Y) - VENTO IN DIREZIONE Y, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	0.5764897E-01	0.8635778	0.4171724E-02	0.3578011	-0.1732891E-02	3.050401
0.500		0.5764897E-01	0.8635778	0.4171724E-02	0.3578011	0.1151233E-01	0.3085413
1.000		0.5764897E-01	0.8635778	0.4171724E-02	0.3578011	0.2475756E-01	-2.433318

LOADING 9

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-110.8490	0.1425845E-03	-151.5299	-0.4870249E-04	138.8211	0.5824051E-03
0.500		-110.8490	0.1425845E-03	24.11431	-0.4870249E-04	-63.45115	0.1296993E-03
1.000		-110.8490	0.1425845E-03	199.7585	-0.4870249E-04	291.9469	-0.3230066E-03

LOADING 10

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-111.9936	0.1821367E-03	-153.0798	0.1211129E-05	143.4202	0.7711902E-03
0.500		-111.9936	0.1821367E-03	22.56436	0.1211129E-05	-63.77317	0.1929060E-03
1.000		-111.9936	0.1821367E-03	198.2085	0.1211129E-05	286.7038	-0.3853782E-03

LOADING 11

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-109.0705	-0.7770631	-152.2688	-0.3220469	141.0664	-2.744705
0.500		-109.0705	-0.7770631	23.37538	-0.3220469	-63.55191	-0.2775295
1.000		-109.0705	-0.7770631	199.0195	-0.3220469	289.5001	2.189646

LOADING 12

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-109.0255	0.7773692	-152.2700	0.3219961	141.0680	2.745992
0.500		-109.0255	0.7773692	23.37420	0.3219961	-63.55407	0.2778445
1.000		-109.0255	0.7773692	199.0184	0.3219961	289.4942	-2.190303

LOADING 13

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-105.3439	0.1531031E-03	-148.8473	-0.4934539E-04	136.3074	0.6173697E-03
0.500		-105.3439	0.1531031E-03	23.89173	-0.4934539E-04	-62.05962	0.1312673E-03
1.000		-105.3439	0.1531031E-03	196.6308	-0.4934539E-04	288.0199	-0.3548351E-03

LOADING 14

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-106.4885	0.1926554E-03	-150.3973	0.5682274E-06	140.9065	0.8061548E-03
0.500		-106.4885	0.1926554E-03	22.34178	0.5682274E-06	-62.38163	0.1944741E-03
1.000		-106.4885	0.1926554E-03	195.0808	0.5682274E-06	282.7768	-0.4172066E-03

LOADING 15

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-103.5654	-0.7770526	-149.5863	-0.3220475	138.5527	-2.744670
0.500		-103.5654	-0.7770526	23.15280	-0.3220475	-62.16037	-0.2775279
1.000		-103.5654	-0.7770526	195.8919	-0.3220475	285.5730	2.189614

LOADING 16

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-103.5204	0.7773798	-149.5874	0.3219954	138.5543	2.746027
0.500		-103.5204	0.7773798	23.15162	0.3219954	-62.16254	0.2778461
1.000		-103.5204	0.7773798	195.8907	0.3219954	285.5671	-2.190335

LOADING 17

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-100.1477	0.3824544E-04	-138.1886	-0.6692659E-04	125.2446	0.1941843E-03
0.500		-100.1477	0.3824544E-04	22.92997	-0.6692659E-04	-57.72848	0.7275508E-04
1.000		-100.1477	0.3824544E-04	184.0485	-0.6692659E-04	270.8499	-0.4867420E-04

LOADING 18

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-102.0552	0.1041658E-03	-140.7718	0.1626277E-04	132.9097	0.5088261E-03
0.500		-102.0552	0.1041658E-03	20.34672	0.1626277E-04	-58.26516	0.1780996E-03
1.000		-102.0552	0.1041658E-03	181.4653	0.1626277E-04	262.1114	-0.1526269E-03

LOADING 19

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-97.18349	-1.295305	-139.4201	-0.5367306	128.9868	-4.575285
0.500		-97.18349	-1.295305	21.69843	-0.5367306	-57.89641	-0.4626925
1.000		-97.18349	-1.295305	182.8170	-0.5367306	266.7718	3.649900

LOADING 20

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-97.10844	1.295416	-139.4221	0.5366744	128.9894	4.575876
0.500		-97.10844	1.295416	21.69646	0.5366744	-57.90001	0.4629309
1.000		-97.10844	1.295416	182.8150	0.5366744	266.7620	-3.650015

LOADING 21

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-83.21397	0.8878012E-04	-114.2779	-0.3544409E-04	104.7964	0.3764192E-03
0.500		-83.21397	0.8878012E-04	18.15134	-0.3544409E-04	-47.80453	0.9454233E-04
1.000		-83.21397	0.8878012E-04	150.5806	-0.3544409E-04	220.0574	-0.1873346E-03

LOADING 22

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-83.97699	0.1151483E-03	-115.3112	-0.2168337E-05	107.8625	0.5022760E-03
0.500		-83.97699	0.1151483E-03	17.11804	-0.2168337E-05	-48.01920	0.1366802E-03
1.000		-83.97699	0.1151483E-03	149.5473	-0.2168337E-05	216.5620	-0.2289157E-03

LOADING 23

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-82.02830	-0.5180484	-114.7705	-0.2147009	106.2933	-1.829815
0.500		-82.02830	-0.5180484	17.65872	-0.2147009	-47.87170	-0.1850116
1.000		-82.02830	-0.5180484	150.0880	-0.2147009	218.4262	1.459792

LOADING 24

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-81.99828	0.5182399	-114.7713	0.2146611	106.2944	1.830649
0.500		-81.99828	0.5182399	17.65793	0.2146611	-47.87314	0.1852378
1.000		-81.99828	0.5182399	150.0872	0.2146611	218.4223	-1.460174

LOADING 25

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-79.54392	0.9579252E-04	-112.4896	-0.3587268E-04	103.1207	0.3997290E-03
0.500		-79.54392	0.9579252E-04	18.00295	-0.3587268E-04	-46.87684	0.9558772E-04
1.000		-79.54392	0.9579252E-04	148.4955	-0.3587268E-04	217.4394	-0.2085536E-03

LOADING 26

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-80.30694	0.1221607E-03	-113.5229	-0.2596938E-05	106.1867	0.5255857E-03
0.500		-80.30694	0.1221607E-03	16.96965	-0.2596938E-05	-47.09151	0.1377256E-03
1.000		-80.30694	0.1221607E-03	147.4622	-0.2596938E-05	213.9440	-0.2501346E-03

LOADING 27

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-78.35825	-0.5180414	-112.9822	-0.2147013	104.6175	-1.829792
0.500		-78.35825	-0.5180414	17.51033	-0.2147013	-46.94401	-0.1850105
1.000		-78.35825	-0.5180414	148.0028	-0.2147013	215.8082	1.459771

LOADING 28

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-78.32823	0.5182469	-112.9830	0.2146607	104.6186	1.830673
0.500		-78.32823	0.5182469	17.50955	0.2146607	-46.94545	0.1852388
1.000		-78.32823	0.5182469	148.0020	0.2146607	215.8042	-1.460195

LOADING 29

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-76.07972	0.1922074E-04	-105.3837	-0.4759349E-04	95.74543	0.1176054E-03
0.500		-76.07972	0.1922074E-04	17.36178	-0.4759349E-04	-43.98941	0.5657954E-04
1.000		-76.07972	0.1922074E-04	140.1073	-0.4759349E-04	205.9928	-0.4446318E-05

LOADING 30

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-77.35143	0.6316766E-04	-107.1059	0.7866091E-05	100.8555	0.3273666E-03
0.500		-77.35143	0.6316766E-04	15.63962	0.7866091E-05	-44.34721	0.1268093E-03
1.000		-77.35143	0.6316766E-04	138.3851	0.7866091E-05	200.1671	-0.7374810E-04

LOADING 31

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-74.10361	-0.8635428	-106.2048	-0.3578233	98.24025	-3.050202
0.500		-74.10361	-0.8635428	16.54075	-0.3578233	-44.10137	-0.3084536
1.000		-74.10361	-0.8635428	139.2863	-0.3578233	203.2740	2.433295

LOADING 32

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-74.05357	0.8636043	-106.2061	0.3577800	98.24201	3.050573
0.500		-74.05357	0.8636043	16.53944	0.3577800	-44.10376	0.3086286
1.000		-74.05357	0.8636043	139.2849	0.3577800	203.2675	-2.433316

LOADING 33

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-69.85963	-0.4707163E-04	-99.43501	-0.2231818E-04	91.86786	-0.8888129E-04
0.500		-69.85963	-0.4707163E-04	15.56349	-0.2231818E-04	-41.27820	0.6057114E-04
1.000		-69.85963	-0.4707163E-04	130.5620	-0.2231818E-04	190.6960	0.2100236E-03

LOADING 34

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-71.56027	-0.1761771E-04	-102.1451	-0.2185798E-04	94.41821	0.1532393E-04
0.500		-71.56027	-0.1761771E-04	15.95220	-0.2185798E-04	-42.41302	0.7126015E-04
1.000		-71.56027	-0.1761771E-04	134.0495	-0.2185798E-04	195.7147	0.1271964E-03

LOADING 35

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-70.25333	-0.4854012E-04	-99.26971	-0.2760334E-04	91.36819	-0.9968656E-04
0.500		-70.25333	-0.4854012E-04	15.72879	-0.2760334E-04	-41.25302	0.5442831E-04
1.000		-70.25333	-0.4854012E-04	130.7273	-0.2760334E-04	191.2460	0.2085432E-03

LOADING 36

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-70.50768	-0.3975073E-04	-99.61414	-0.1651142E-04	92.39021	-0.5773432E-04
0.500		-70.50768	-0.3975073E-04	15.38436	-0.1651142E-04	-41.32458	0.6847426E-04
1.000		-70.50768	-0.3975073E-04	130.3829	-0.1651142E-04	190.0809	0.1946828E-03

LOADING 37

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-69.85811	-0.1727609	-99.43392	-0.7158276E-01	91.86716	-0.6101636
0.500		-69.85811	-0.1727609	15.56459	-0.7158276E-01	-41.27541	-0.6164761E-01
1.000		-69.85811	-0.1727609	130.5631	-0.7158276E-01	190.7023	0.4868684

LOADING 38

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-69.84811	0.1726685	-99.43418	0.7153791E-01	91.86751	0.6099914
0.500		-69.84811	0.1726685	15.56433	0.7153791E-01	-41.27589	0.6176884E-01
1.000		-69.84811	0.1726685	130.5628	0.7153791E-01	190.7010	-0.4864536

LOADING 39

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-69.85963	-0.4707163E-04	-99.43501	-0.2231818E-04	91.86786	-0.8888129E-04
0.500		-69.85963	-0.4707163E-04	15.56349	-0.2231818E-04	-41.27820	0.6057114E-04
1.000		-69.85963	-0.4707163E-04	130.5620	-0.2231818E-04	190.6960	0.2100236E-03

LOADING 40 EX + ey: SISMA X positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-23.92261	2.082868	16.74639	-0.1431900E-01	-52.13787	6.633909
0.500		-23.92261	2.082868	16.74639	-0.1431900E-01	1.031926	0.2080421E-01
1.000		-23.92261	2.082868	16.74639	-0.1431900E-01	54.20172	-6.592301

LOADING 41 EX - ey: SISMA X positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-23.92199	-2.081998	16.74527	0.1376243E-01	-52.13331	-6.632499
0.500		-23.92199	-2.081998	16.74527	0.1376243E-01	1.032915	-0.2215597E-01
1.000		-23.92199	-2.081998	16.74527	0.1376243E-01	54.19914	6.588187

LOADING 42 EY + ex: SISMA Y positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-0.2658932	3.401156	0.4459959E-02	-1.749911	0.1720453E-02	11.22384
0.500		-0.2658932	3.401156	0.4459959E-02	-1.749911	0.1588082E-01	0.4251642
1.000		-0.2658932	3.401156	0.4459959E-02	-1.749911	0.3004120E-01	-10.37351

LOADING 43 EY - ex: SISMA Y positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-0.2624635	0.5431660E-02	0.6424106E-02	-1.777307	-0.8938405E-02	0.3699577
0.500		-0.2624635	0.5431660E-02	0.6424106E-02	-1.777307	0.1145813E-01	0.3527122
1.000		-0.2624635	0.5431660E-02	0.6424106E-02	-1.777307	0.3185467E-01	0.3354667

LOADING 44

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-93.86201	3.103168	-82.68729	-0.5393147	39.73050	10.00097
0.500		-93.86201	3.103168	32.31122	-0.5393147	-40.24150	0.1484140
1.000		-93.86201	3.103168	147.3097	-0.5393147	244.9068	-9.704144

LOADING 45

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-93.70248	1.062474	-82.68996	0.5106320	39.72947	3.266670
0.500		-93.70248	1.062474	32.30854	0.5106320	-40.25103	-0.1066845
1.000		-93.70248	1.062474	147.3070	0.5106320	244.8887	-3.480039

LOADING 46

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-93.86098	2.084450	-82.68670	-0.5475335	39.72731	6.744808
0.500		-93.86098	2.084450	32.31181	-0.5475335	-40.24283	0.1266785
1.000		-93.86098	2.084450	147.3103	-0.5475335	244.9073	-6.491451

LOADING 47

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-93.70351	2.081191	-82.69055	0.5188509	39.73267	6.522834
0.500		-93.70351	2.081191	32.30795	0.5188509	-40.24971	-0.8494888E-01
1.000		-93.70351	2.081191	147.3065	0.5188509	244.8882	-6.692731

LOADING 48

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-46.01679	-1.062568	-116.1801	-0.5106767	144.0062	-3.266847
0.500		-46.01679	-1.062568	-1.181563	-0.5106767	-42.30536	0.1068056
1.000		-46.01679	-1.062568	113.8169	-0.5106767	136.5033	3.480458

LOADING 49

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-45.85726	-3.103262	-116.1827	0.5392701	144.0052	-10.00115
0.500		-45.85726	-3.103262	-1.184239	0.5392701	-42.31489	-0.1482929
1.000		-45.85726	-3.103262	113.8143	0.5392701	136.4853	9.704563

LOADING 50

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-46.01577	-2.081285	-116.1795	-0.5188955	144.0030	-6.523011
0.500		-46.01577	-2.081285	-1.180973	-0.5188955	-42.30669	0.8507002E-01
1.000		-46.01577	-2.081285	113.8175	-0.5188955	136.5039	6.693151

LOADING 51

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-45.85828	-2.084544	-116.1833	0.5474889	144.0084	-6.744985
0.500		-45.85828	-2.084544	-1.184828	0.5474889	-42.31356	-0.1265573
1.000		-45.85828	-2.084544	113.8137	0.5474889	136.4848	6.491871

LOADING 52

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-93.86139	-1.061698	-82.68841	-0.5112333	39.73506	-3.265437
0.500		-93.86139	-1.061698	32.31010	-0.5112333	-40.24052	0.1054539
1.000		-93.86139	-1.061698	147.3086	-0.5112333	244.9042	3.476344

LOADING 53

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-93.70186	-3.102391	-82.69109	0.5387135	39.73403	-9.999739
0.500		-93.70186	-3.102391	32.30742	0.5387135	-40.25005	-0.1496447
1.000		-93.70186	-3.102391	147.3059	0.5387135	244.8862	9.700449

LOADING 54

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-93.86036	-2.080415	-82.68781	-0.5194521	39.73186	-6.521600
0.500		-93.86036	-2.080415	32.31068	-0.5194521	-40.24184	0.8371826E-01
1.000		-93.86036	-2.080415	147.3092	-0.5194521	244.9047	6.689037

LOADING 55

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-93.70288	-2.083674	-82.69167	0.5469323	39.73723	-6.743575
0.500		-93.70288	-2.083674	32.30683	0.5469323	-40.24872	-0.1279090
1.000		-93.70288	-2.083674	147.3053	0.5469323	244.8856	6.487757

LOADING 56

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-46.01741	3.102298	-116.1789	-0.5387582	144.0017	9.999561
0.500		-46.01741	3.102298	-1.180439	-0.5387582	-42.30635	0.1497658
1.000		-46.01741	3.102298	113.8181	-0.5387582	136.5059	-9.700028

LOADING 57

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-45.85788	1.061604	-116.1816	0.5111887	144.0006	3.265259
0.500		-45.85788	1.061604	-1.183115	0.5111887	-42.31588	-0.1053327
1.000		-45.85788	1.061604	113.8154	0.5111887	136.4879	-3.475925

LOADING 58

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-46.01639	2.083580	-116.1784	-0.5469770	143.9985	6.743398
0.500		-46.01639	2.083580	-1.179849	-0.5469770	-42.30767	0.1280302
1.000		-46.01639	2.083580	113.8186	-0.5469770	136.5064	-6.487337

LOADING 59

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-45.85891	2.080321	-116.1822	0.5194075	144.0038	6.521423
0.500		-45.85891	2.080321	-1.183704	0.5194075	-42.31455	-0.8359712E-01
1.000		-45.85891	2.080321	113.8148	0.5194075	136.4873	-6.688617

LOADING 60

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-77.30231	4.025970	-94.40664	-1.754229	76.22822	13.21392
0.500		-77.30231	4.025970	20.59187	-1.754229	-40.95274	0.4314660
1.000		-77.30231	4.025970	135.5904	-1.754229	206.9866	-12.35099

LOADING 61

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-62.94875	2.776249	-104.4545	-1.745638	107.5109	9.233574
0.500		-62.94875	2.776249	10.54403	-1.745638	-41.57189	0.4189835
1.000		-62.94875	2.776249	125.5425	-1.745638	174.4655	-8.395607

LOADING 62

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-77.30212	2.776510	-94.40697	-1.745805	76.22958	9.233997
0.500		-77.30212	2.776510	20.59153	-1.745805	-40.95244	0.4185780
1.000		-77.30212	2.776510	135.5900	-1.745805	206.9858	-8.396842

LOADING 63

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-62.94893	4.025708	-104.4541	-1.754062	107.5096	13.21350
0.500		-62.94893	4.025708	10.54437	-1.754062	-41.57219	0.4318716
1.000		-62.94893	4.025708	125.5429	-1.754062	174.4663	-12.34975

LOADING 64

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-76.77052	-2.776343	-94.41555	1.745593	76.22477	-9.233752
0.500		-76.77052	-2.776343	20.58295	1.745593	-40.98450	-0.4188624
1.000		-76.77052	-2.776343	135.5815	1.745593	206.9265	8.396027

LOADING 65

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-62.41696	-4.026064	-104.4634	1.754185	107.5075	-13.21410
0.500		-62.41696	-4.026064	10.53511	1.754185	-41.60365	-0.4313449
1.000		-62.41696	-4.026064	125.5336	1.754185	174.4055	12.35141

LOADING 66

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-76.77033	-4.025803	-94.41589	1.754018	76.22614	-13.21367
0.500		-76.77033	-4.025803	20.58261	1.754018	-40.98420	-0.4317504
1.000		-76.77033	-4.025803	135.5811	1.754018	206.9257	12.35017

LOADING 67

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-62.41714	-2.776604	-104.4631	1.745760	107.5061	-9.234175
0.500		-62.41714	-2.776604	10.53545	1.745760	-41.60395	-0.4184569
1.000		-62.41714	-2.776604	125.5340	1.745760	174.4062	8.397261

LOADING 68

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-77.29888	0.6302449	-94.40468	-1.781625	76.21756	2.360042
0.500		-77.29888	0.6302449	20.59383	-1.781625	-40.95716	0.3590140
1.000		-77.29888	0.6302449	135.5923	-1.781625	206.9884	-1.642014

LOADING 69

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-62.94532	-0.6194757	-104.4525	-1.773034	107.5003	-1.620304
0.500		-62.94532	-0.6194757	10.54600	-1.773034	-41.57631	0.3465315
1.000		-62.94532	-0.6194757	125.5445	-1.773034	174.4673	2.313367

LOADING 70

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-77.29869	-0.6192148	-94.40501	-1.773201	76.21892	-1.619881
0.500		-77.29869	-0.6192148	20.59350	-1.773201	-40.95686	0.3461260
1.000		-77.29869	-0.6192148	135.5920	-1.773201	206.9876	2.312133

LOADING 71

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-62.94550	0.6299839	-104.4522	-1.781458	107.4989	2.359619
0.500		-62.94550	0.6299839	10.54633	-1.781458	-41.57661	0.3594196
1.000		-62.94550	0.6299839	125.5448	-1.781458	174.4681	-1.640779

LOADING 72

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-76.77396	0.6193816	-94.41753	1.772989	76.23544	1.620126
0.500		-76.77396	0.6193816	20.58098	1.772989	-40.98008	-0.3464104
1.000		-76.77396	0.6193816	135.5795	1.772989	206.9247	-2.312947

LOADING 73

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-62.42039	-0.6303390	-104.4654	1.781581	107.5182	-2.360219
0.500		-62.42039	-0.6303390	10.53315	1.781581	-41.59924	-0.3588929
1.000		-62.42039	-0.6303390	125.5317	1.781581	174.4036	1.642434

LOADING 74

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-76.77377	-0.6300781	-94.41785	1.781414	76.23680	-2.359796
0.500		-76.77377	-0.6300781	20.58065	1.781414	-40.97978	-0.3592984
1.000		-76.77377	-0.6300781	135.5791	1.781414	206.9239	1.641199

LOADING 75

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-62.42057	0.6191206	-104.4650	1.773156	107.5168	1.619703
0.500		-62.42057	0.6191206	10.53349	1.773156	-41.59953	-0.3460048
1.000		-62.42057	0.6191206	125.5320	1.773156	174.4044	-2.311713

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LOADING 1 G1 - PESI PROPRI STRUTTURALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-46.67504	0.3674955E-03	-165.3082	-0.1177761E-04	193.6321	-0.1529441E-03
0.500		-46.67504	0.3674955E-03	-157.1052	-0.1177761E-04	141.2400	-0.2723801E-03
1.000		-46.67504	0.3674955E-03	-148.9022	-0.1177761E-04	91.51378	-0.3918161E-03

LOADING 2 G2 - SOVRACCARICHI PERMANENTI PORTATI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-46.44592	0.1321014E-05	-57.41093	-0.1094772E-04	70.55318	-0.8162258E-04
0.500		-46.44592	0.1321014E-05	-53.84243	-0.1094772E-04	52.47451	-0.8205191E-04
1.000		-46.44592	0.1321014E-05	-50.27394	-0.1094772E-04	35.55561	-0.8248124E-04

LOADING 3 Qk - SOVRACCARICHI ACCIDENTALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-9.564653	0.1007965E-02	-17.29713	-0.7941062E-04	20.38424	0.3510856E-03
0.500		-9.564653	0.1007965E-02	-16.30588	-0.7941062E-04	14.92375	0.2349713E-04
1.000		-9.564653	0.1007965E-02	-15.31463	-0.7941062E-04	9.785419	-0.3040913E-03

LOADING 4 Qn - NEVE

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-11.52277	0.2139783E-02	-29.84380	-0.1664725E-03	34.66845	0.7539496E-03
0.500		-11.52277	0.2139783E-02	-28.25780	-0.1664725E-03	25.22694	0.5852068E-04
1.000		-11.52277	0.2139783E-02	-26.67180	-0.1664725E-03	16.30088	-0.6369082E-03

LOADING 5 Qv (+X) - VENTO IN DIREZIONE X, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-0.8400806	-0.1129083E-02	0.8942732	0.5926277E-04	-1.851743	-0.3019030E-03
0.500		-0.8400806	-0.1129083E-02	0.8942732	0.5926277E-04	-1.561105	0.6504869E-04
1.000		-0.8400806	-0.1129083E-02	0.8942732	0.5926277E-04	-1.270466	0.4320004E-03

LOADING 6 Qv (-X) - VENTO IN DIREZIONE X, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-4.323479	0.1567427E-02	1.101333	-0.9531691E-04	1.322047	0.4707794E-03
0.500		-4.323479	0.1567427E-02	1.101333	-0.9531691E-04	1.679980	-0.3863404E-04
1.000		-4.323479	0.1567427E-02	1.101333	-0.9531691E-04	2.037913	-0.5480475E-03

LOADING 7 Qv (+Y) - VENTO IN DIREZIONE Y, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-0.2537080E-01	-13.70200	-0.3335161E-01	-1.932171	0.1122673	-5.702079
0.500		-0.2537080E-01	-13.70200	-0.3335161E-01	-1.932171	0.1014280	-1.248930
1.000		-0.2537080E-01	-13.70200	-0.3335161E-01	-1.932171	0.9058876E-01	3.204219

LOADING 8 Qv (-Y) - VENTO IN DIREZIONE Y, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	0.3076953E-01	13.70204	-0.3973899E-01	1.932169	0.8853565E-01	5.702096
0.500		0.3076953E-01	13.70204	-0.3973899E-01	1.932169	0.7562049E-01	1.248934
1.000		0.3076953E-01	13.70204	-0.3973899E-01	1.932169	0.6270532E-01	-3.204228

LOADING 9

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-144.8024	0.2580071E-02	-337.0586	-0.2201768E-03	398.3520	0.5154411E-03
0.500		-144.8024	0.2580071E-02	-319.0793	-0.2201768E-03	291.7296	-0.3230816E-03
1.000		-144.8024	0.2580071E-02	-301.1000	-0.2201768E-03	190.9506	-0.1161604E-02

LOADING 10

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-147.9374	0.5006930E-02	-336.8723	-0.3592985E-03	401.2084	0.1210855E-02
0.500		-147.9374	0.5006930E-02	-318.8929	-0.3592985E-03	294.6466	-0.4163960E-03
1.000		-147.9374	0.5006930E-02	-300.9136	-0.3592985E-03	193.9281	-0.2043647E-02

LOADING 11

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-144.0691	-12.32821	-337.8935	-1.739227	400.1196	-5.131083
0.500		-144.0691	-12.32821	-319.9142	-1.739227	293.2259	-1.124418
1.000		-144.0691	-12.32821	-301.9348	-1.739227	192.1755	2.882247

LOADING 12

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-144.0186	12.33543	-337.8992	1.738679	400.0982	5.132673
0.500		-144.0186	12.33543	-319.9199	1.738679	293.2027	1.123659
1.000		-144.0186	12.33543	-301.9406	1.738679	192.1504	-2.885355

LOADING 13

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-139.0975	0.2672961E-02	-333.4958	-0.2259152E-03	393.7770	0.5542749E-03
0.500		-139.0975	0.2672961E-02	-315.8138	-0.2259152E-03	288.2642	-0.3144367E-03
1.000		-139.0975	0.2672961E-02	-298.1319	-0.2259152E-03	188.4981	-0.1183148E-02

LOADING 14

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-142.2325	0.5099819E-02	-333.3094	-0.3650369E-03	396.6334	0.1249689E-02
0.500		-142.2325	0.5099819E-02	-315.6274	-0.3650369E-03	291.1812	-0.4077512E-03
1.000		-142.2325	0.5099819E-02	-297.9455	-0.3650369E-03	191.4756	-0.2065192E-02

LOADING 15

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-138.3642	-12.32811	-334.3306	-1.739233	395.5446	-5.131044
0.500		-138.3642	-12.32811	-316.6487	-1.739233	289.7605	-1.124410
1.000		-138.3642	-12.32811	-298.9667	-1.739233	189.7231	2.882225

LOADING 16

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-138.3137	12.33553	-334.3364	1.738673	395.5233	5.132712
0.500		-138.3137	12.33553	-316.6544	1.738673	289.7373	1.123667
1.000		-138.3137	12.33553	-298.9725	1.738673	189.6980	-2.885377

LOADING 17

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-130.9594	0.3906740E-03	-310.5764	-0.6550318E-04	366.6646	-0.1923291E-03
0.500		-130.9594	0.3906740E-03	-294.0839	-0.6550318E-04	268.4074	-0.3192980E-03
1.000		-130.9594	0.3906740E-03	-277.5915	-0.6550318E-04	175.5102	-0.4462670E-03

LOADING 18

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-136.1845	0.4435439E-02	-310.2657	-0.2973727E-03	371.4253	0.9666946E-03
0.500		-136.1845	0.4435439E-02	-293.7733	-0.2973727E-03	273.2690	-0.4748222E-03
1.000		-136.1845	0.4435439E-02	-277.2809	-0.2973727E-03	180.4727	-0.1916339E-02

LOADING 19

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-129.7374	-20.55092	-311.9678	-2.898411	369.6106	-8.552857
0.500		-129.7374	-20.55092	-295.4753	-2.898411	270.9012	-1.873811
1.000		-129.7374	-20.55092	-278.9829	-2.898411	177.5518	4.805234

LOADING 20

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-129.6532	20.55515	-311.9774	2.898099	369.5750	8.553404
0.500		-129.6532	20.55515	-295.4849	2.898099	270.8625	1.872984
1.000		-129.6532	20.55515	-278.9925	2.898099	177.5099	-4.807436

LOADING 21

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-108.9510	0.1769223E-02	-254.4016	-0.1498146E-03	300.7927	0.3123518E-03
0.500		-108.9510	0.1769223E-02	-240.8459	-0.1498146E-03	220.3150	-0.2626453E-03
1.000		-108.9510	0.1769223E-02	-227.2901	-0.1498146E-03	144.2430	-0.8376425E-03

LOADING 22

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-111.0411	0.3387129E-02	-254.2774	-0.2425624E-03	302.6970	0.7759613E-03
0.500		-111.0411	0.3387129E-02	-240.7217	-0.2425624E-03	222.2597	-0.3248550E-03
1.000		-111.0411	0.3387129E-02	-227.1659	-0.2425624E-03	146.2280	-0.1425671E-02

LOADING 23

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-108.4622	-8.218757	-254.9582	-1.159488	301.9711	-3.420753
0.500		-108.4622	-8.218757	-241.4025	-1.159488	221.3126	-0.7496595
1.000		-108.4622	-8.218757	-227.8467	-1.159488	145.0596	1.921435

LOADING 24

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-108.4285	8.223674	-254.9620	1.159116	301.9569	3.421751
0.500		-108.4285	8.223674	-241.4063	1.159116	221.2971	0.7490585
1.000		-108.4285	8.223674	-227.8506	1.159116	145.0429	-1.923634

LOADING 25

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-105.1478	0.1831149E-02	-252.0264	-0.1536402E-03	297.7427	0.3382411E-03
0.500		-105.1478	0.1831149E-02	-238.6689	-0.1536402E-03	218.0047	-0.2568821E-03
1.000		-105.1478	0.1831149E-02	-225.3114	-0.1536402E-03	142.6080	-0.8520053E-03

LOADING 26

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-107.2378	0.3449055E-02	-251.9022	-0.2463880E-03	299.6470	0.8018505E-03
0.500		-107.2378	0.3449055E-02	-238.5447	-0.2463880E-03	219.9494	-0.3190918E-03
1.000		-107.2378	0.3449055E-02	-225.1872	-0.2463880E-03	144.5930	-0.1440034E-02

LOADING 27

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-104.6589	-8.218695	-252.5830	-1.159492	298.9211	-3.420728
0.500		-104.6589	-8.218695	-239.2255	-1.159492	219.0023	-0.7496537
1.000		-104.6589	-8.218695	-225.8680	-1.159492	143.4246	1.921420

LOADING 28

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-104.6253	8.223736	-252.5868	1.159112	298.9069	3.421776
0.500		-104.6253	8.223736	-239.2293	1.159112	218.9868	0.7490643
1.000		-104.6253	8.223736	-225.8718	1.159112	143.4079	-1.923648

LOADING 29

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-99.72241	0.3096249E-03	-236.7468	-0.4669883E-04	279.6678	-0.1594950E-03
0.500		-99.72241	0.3096249E-03	-224.1823	-0.4669883E-04	204.7668	-0.2601230E-03
1.000		-99.72241	0.3096249E-03	-211.6178	-0.4669883E-04	133.9494	-0.3607510E-03

LOADING 30

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-103.2058	0.3006135E-02	-236.5397	-0.2012785E-03	282.8416	0.6131874E-03
0.500		-103.2058	0.3006135E-02	-223.9752	-0.2012785E-03	208.0079	-0.3638057E-03
1.000		-103.2058	0.3006135E-02	-211.4108	-0.2012785E-03	137.2578	-0.1340799E-02

LOADING 31

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-98.90770	-13.70057	-237.6744	-1.932277	281.6318	-5.701936
0.500		-98.90770	-13.70057	-225.1099	-1.932277	206.4294	-1.249255
1.000		-98.90770	-13.70057	-212.5454	-1.932277	135.3104	3.203427

LOADING 32

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-98.85157	13.70348	-237.6808	1.932063	281.6081	5.702238
0.500		-98.85157	13.70348	-225.1163	1.932063	206.4036	1.248609
1.000		-98.85157	13.70348	-212.5518	1.932063	135.2825	-3.205021

LOADING 33

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-93.12095	0.3688165E-03	-222.7192	-0.2272533E-04	264.1853	-0.2345667E-03
0.500		-93.12095	0.3688165E-03	-210.9477	-0.2272533E-04	193.7145	-0.3544320E-03
1.000		-93.12095	0.3688165E-03	-199.1762	-0.2272533E-04	127.0694	-0.4742973E-03

LOADING 34

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-95.42551	0.7967730E-03	-228.6879	-0.5601984E-04	271.1190	-0.8377680E-04
0.500		-95.42551	0.7967730E-03	-216.5992	-0.5601984E-04	198.7599	-0.3427279E-03
1.000		-95.42551	0.7967730E-03	-204.5105	-0.5601984E-04	130.3296	-0.6016789E-03

LOADING 35

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-93.28897	0.1429999E-03	-222.5403	-0.1087277E-04	263.8150	-0.2949473E-03
0.500		-93.28897	0.1429999E-03	-210.7688	-0.1087277E-04	193.4023	-0.3414223E-03
1.000		-93.28897	0.1429999E-03	-198.9973	-0.1087277E-04	126.8153	-0.3878972E-03

LOADING 36

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-93.98565	0.6823019E-03	-222.4989	-0.4178871E-04	264.4497	-0.1404108E-03
0.500		-93.98565	0.6823019E-03	-210.7274	-0.4178871E-04	194.0505	-0.3621588E-03
1.000		-93.98565	0.6823019E-03	-198.9559	-0.4178871E-04	127.4770	-0.5839068E-03

LOADING 37

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-93.12603	-2.740032	-222.7258	-0.3864569	264.2077	-1.140650
0.500		-93.12603	-2.740032	-210.9543	-0.3864569	193.7348	-0.2501403
1.000		-93.12603	-2.740032	-199.1828	-0.3864569	127.0875	0.6403696

LOADING 38

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-93.11479	2.740777	-222.7271	0.3864111	264.2030	1.140185
0.500		-93.11479	2.740777	-210.9556	0.3864111	193.7296	0.2494323
1.000		-93.11479	2.740777	-199.1841	0.3864111	127.0819	-0.6413199

LOADING 39

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-93.12095	0.3688165E-03	-222.7192	-0.2272533E-04	264.1853	-0.2345667E-03
0.500		-93.12095	0.3688165E-03	-210.9477	-0.2272533E-04	193.7145	-0.3544320E-03
1.000		-93.12095	0.3688165E-03	-199.1762	-0.2272533E-04	127.0694	-0.4742973E-03

LOADING 40 EX + ey: SISMA X positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-74.12785	8.370002	40.19232	-0.3151459	-43.20988	2.759902
0.500		-74.12785	8.370002	40.19232	-0.3151459	-30.14738	0.3965312E-01
1.000		-74.12785	8.370002	40.19232	-0.3151459	-17.08489	-2.680596

LOADING 41 EX - ey: SISMA X positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-74.13367	-8.406400	40.18761	0.3165554	-43.19463	-2.768436
0.500		-74.13367	-8.406400	40.18761	0.3165554	-30.13366	-0.3635759E-01
1.000		-74.13367	-8.406400	40.18761	0.3165554	-17.07269	2.695721

LOADING 42 EY + ex: SISMA Y positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-0.3152345	31.10537	0.2458343E-01	-14.19656	0.1579682	7.931386
0.500		-0.3152345	31.10537	0.2458343E-01	-14.19656	0.1659578	-2.177851
1.000		-0.3152345	31.10537	0.2458343E-01	-14.19656	0.1739474	-12.28709

LOADING 43 EY - ex: SISMA Y positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-0.2942055	14.99057	0.3804307E-01	-11.93753	0.1156434	3.347855
0.500		-0.2942055	14.99057	0.3804307E-01	-11.93753	0.1280074	-1.524077
1.000		-0.2942055	14.99057	0.3804307E-01	-11.93753	0.1403714	-6.396008

LOADING 44

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-167.3434	17.70198	-182.5195	-4.574138	221.0228	5.139083
0.500		-167.3434	17.70198	-170.7480	-4.574138	163.6169	-0.6140568
1.000		-167.3434	17.70198	-158.9765	-4.574138	110.0367	-6.367198

LOADING 45

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-167.1542	-0.9612393	-182.5342	3.943801	220.9280	0.3802516
0.500		-167.1542	-0.9612393	-170.7627	3.943801	163.5173	0.6926542
1.000		-167.1542	-0.9612393	-158.9912	3.943801	109.9323	1.005057

LOADING 46

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-167.3371	12.86754	-182.5154	-3.896429	221.0101	3.764024
0.500		-167.3371	12.86754	-170.7439	-3.896429	163.6055	-0.4179243
1.000		-167.3371	12.86754	-158.9725	-3.896429	110.0266	-4.599873

LOADING 47

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-167.1605	3.873200	-182.5383	3.266092	220.9407	1.755311
0.500		-167.1605	3.873200	-170.7668	3.266092	163.5287	0.4965217
1.000		-167.1605	3.873200	-158.9953	3.266092	109.9424	-0.7622676

LOADING 48

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-19.08767	0.9619769	-262.9041	-3.943846	307.4426	-0.3807207
0.500		-19.08767	0.9619769	-251.1326	-3.943846	223.9116	-0.6933631
1.000		-19.08767	0.9619769	-239.3611	-3.943846	144.2065	-1.006005

LOADING 49

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-18.89853	-17.70124	-262.9189	4.574093	307.3478	-5.139553
0.500		-18.89853	-17.70124	-251.1474	4.574093	223.8121	0.6133479
1.000		-18.89853	-17.70124	-239.3759	4.574093	144.1021	6.366249

LOADING 50

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-19.08136	-3.872463	-262.9001	-3.266137	307.4299	-1.755780
0.500		-19.08136	-3.872463	-251.1286	-3.266137	223.9003	-0.4972306
1.000		-19.08136	-3.872463	-239.3571	-3.266137	144.1964	0.7613190

LOADING 51

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-18.90484	-12.86680	-262.9229	3.896383	307.3605	-3.764493
0.500		-18.90484	-12.86680	-251.1514	3.896383	223.8235	0.4172155
1.000		-18.90484	-12.86680	-239.3799	3.896383	144.1122	4.598924

LOADING 52

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-167.3492	0.9255794	-182.5242	-3.942437	221.0381	-0.3892544
0.500		-167.3492	0.9255794	-170.7527	-3.942437	163.6306	-0.6900675
1.000		-167.3492	0.9255794	-158.9812	-3.942437	110.0489	-0.9908807

LOADING 53

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-167.1601	-17.73764	-182.5389	4.575502	220.9433	-5.148087
0.500		-167.1601	-17.73764	-170.7674	4.575502	163.5310	0.6166434
1.000		-167.1601	-17.73764	-158.9959	4.575502	109.9445	6.381373

LOADING 54

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-167.3429	-3.908860	-182.5201	-3.264727	221.0254	-1.764314
0.500		-167.3429	-3.908860	-170.7487	-3.264727	163.6192	-0.4939350
1.000		-167.3429	-3.908860	-158.9772	-3.264727	110.0388	0.7764437

LOADING 55

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-167.1664	-12.90320	-182.5430	3.897793	220.9560	-3.773027
0.500		-167.1664	-12.90320	-170.7715	3.897793	163.5424	0.4205110
1.000		-167.1664	-12.90320	-159.0000	3.897793	109.9546	4.614049

LOADING 56

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-19.08184	17.73838	-262.8994	-4.575548	307.4273	5.147617
0.500		-19.08184	17.73838	-251.1279	-4.575548	223.8979	-0.6173523
1.000		-19.08184	17.73838	-239.3564	-4.575548	144.1943	-6.382322

LOADING 57

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-18.89270	-0.9248418	-262.9142	3.942391	307.3325	0.3887852
0.500		-18.89270	-0.9248418	-251.1427	3.942391	223.7984	0.6893587
1.000		-18.89270	-0.9248418	-239.3712	3.942391	144.0899	0.9899320

LOADING 58

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-19.07553	12.90394	-262.8954	-3.897838	307.4146	3.772558
0.500		-19.07553	12.90394	-251.1239	-3.897838	223.8866	-0.4212199
1.000		-19.07553	12.90394	-239.3524	-3.897838	144.1842	-4.614998

LOADING 59

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-18.89901	3.909598	-262.9182	3.264682	307.3452	1.763845
0.500		-18.89901	3.909598	-251.1467	3.264682	223.8097	0.4932262
1.000		-18.89901	3.909598	-239.3752	3.264682	144.1000	-0.7773923

LOADING 60

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-115.6745	33.61673	-210.6369	-14.29113	251.3803	8.759124
0.500		-115.6745	33.61673	-198.8654	-14.29113	184.8362	-2.166310
1.000		-115.6745	33.61673	-187.0939	-14.29113	122.1179	-13.09174

LOADING 61

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-71.19783	28.59473	-234.7523	-14.10204	277.3062	7.103181
0.500		-71.19783	28.59473	-222.9808	-14.10204	202.9247	-2.190102
1.000		-71.19783	28.59473	-211.2093	-14.10204	132.3688	-11.48339

LOADING 62

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-115.6763	28.58381	-210.6383	-14.10162	251.3849	7.100621
0.500		-115.6763	28.58381	-198.8668	-14.10162	184.8403	-2.189113
1.000		-115.6763	28.58381	-187.0953	-14.10162	122.1215	-11.47885

LOADING 63

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-71.19608	33.62766	-234.7509	-14.29155	277.3016	8.761683
0.500		-71.19608	33.62766	-222.9794	-14.29155	202.9205	-2.167299
1.000		-71.19608	33.62766	-211.2079	-14.29155	132.3652	-13.09628

LOADING 64

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-115.0441	-28.59400	-210.6861	14.10200	251.0644	-7.103650
0.500		-115.0441	-28.59400	-198.9146	14.10200	184.5043	2.189393
1.000		-115.0441	-28.59400	-187.1431	14.10200	121.7700	11.48244

LOADING 65

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-70.56736	-33.61600	-234.8014	14.29109	276.9903	-8.759592
0.500		-70.56736	-33.61600	-223.0300	14.29109	202.5927	2.165601
1.000		-70.56736	-33.61600	-211.2585	14.29109	132.0209	13.09079

LOADING 66

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-115.0458	-33.62692	-210.6875	14.29151	251.0690	-8.762152
0.500		-115.0458	-33.62692	-198.9160	14.29151	184.5084	2.166590
1.000		-115.0458	-33.62692	-187.1445	14.29151	121.7737	13.09533

LOADING 67

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-70.56561	-28.58308	-234.8000	14.10157	276.9857	-7.101090
0.500		-70.56561	-28.58308	-223.0285	14.10157	202.5886	2.188404
1.000		-70.56561	-28.58308	-211.2570	14.10157	132.0173	11.47790

LOADING 68

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-115.6535	17.50194	-210.6234	-12.03210	251.3380	4.175591
0.500		-115.6535	17.50194	-198.8519	-12.03210	184.7983	-1.512535
1.000		-115.6535	17.50194	-187.0804	-12.03210	122.0843	-7.200661

LOADING 69

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-71.17680	12.47994	-234.7388	-11.84301	277.2639	2.519650
0.500		-71.17680	12.47994	-222.9673	-11.84301	202.8867	-1.536327
1.000		-71.17680	12.47994	-211.1958	-11.84301	132.3352	-5.592304

LOADING 70

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-115.6553	12.46902	-210.6248	-11.84259	251.3426	2.517090
0.500		-115.6553	12.46902	-198.8533	-11.84259	184.8024	-1.535338
1.000		-115.6553	12.46902	-187.0819	-11.84259	122.0880	-5.587767

LOADING 71

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-71.17505	17.51286	-234.7374	-12.03252	277.2593	4.178152
0.500		-71.17505	17.51286	-222.9659	-12.03252	202.8826	-1.513524
1.000		-71.17505	17.51286	-211.1944	-12.03252	132.3316	-7.205199

LOADING 72

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-115.0651	-12.47920	-210.6995	11.84297	251.1067	-2.520119
0.500		-115.0651	-12.47920	-198.9280	11.84297	184.5423	1.535618
1.000		-115.0651	-12.47920	-187.1565	11.84297	121.8036	5.591356

LOADING 73

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-70.58839	-17.50120	-234.8149	12.03205	277.0326	-4.176061
0.500		-70.58839	-17.50120	-223.0434	12.03205	202.6307	1.511826
1.000		-70.58839	-17.50120	-211.2719	12.03205	132.0545	7.199713

LOADING 74

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-115.0668	-17.51212	-210.7009	12.03248	251.1113	-4.178620
0.500		-115.0668	-17.51212	-198.9294	12.03248	184.5464	1.512815
1.000		-115.0668	-17.51212	-187.1579	12.03248	121.8072	7.204251

LOADING 75

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-70.58664	-12.46828	-234.8135	11.84254	277.0280	-2.517559
0.500		-70.58664	-12.46828	-223.0420	11.84254	202.6266	1.534630
1.000		-70.58664	-12.46828	-211.2705	11.84254	132.0508	5.586818

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LOADING 1 G1 - PESI PROPRI STRUTTURALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-3.010983	0.8840823E-04	-16.68009	0.1900251E-04	7.929447	0.1357822E-03
0.500		-11.04618	0.8840823E-04	1.949907	0.1900251E-04	-15.13073	-0.1410248E-03
1.000		-19.08138	0.8840823E-04	20.57991	0.1900251E-04	20.13981	-0.4178319E-03

LOADING 2 G2 - SOVRACCARICHI PERMANENTI PORTATI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-2.980582	-0.7656512E-05	-5.157184	0.3772348E-05	1.415356	-0.3596524E-04
0.500		-5.658983	-0.7656512E-05	1.052817	0.3772348E-05	-5.010051	-0.1199262E-04
1.000		-8.337382	-0.7656512E-05	7.262817	0.3772348E-05	8.008117	0.1198000E-04

LOADING 3 Qk - SOVRACCARICHI ACCIDENTALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-0.5536339	-0.2448261E-04	-1.472903	0.1892704E-04	0.5007535	-0.1073504E-03
0.500		-1.297634	-0.2448261E-04	0.2520973	0.1892704E-04	-1.410424	-0.3069512E-04
1.000		-2.041634	-0.2448261E-04	1.977098	0.1892704E-04	2.079392	0.4596019E-04

LOADING 4 Qn - NEVE

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-0.6956964	-0.5112493E-04	-2.376239	0.3979464E-04	0.7865188	-0.2242430E-03
0.500		-1.886096	-0.5112493E-04	0.3837612	0.3979464E-04	-2.332715	-0.6417037E-04
1.000		-3.076496	-0.5112493E-04	3.143761	0.3979464E-04	3.189639	0.9590229E-04

LOADING 5 Qv (+X) - VENTO IN DIREZIONE X, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	5.521729	-0.1621924E-03	0.2535266	-0.2246357E-04	-0.6153950	-0.3155309E-03
0.500		5.521729	-0.1621924E-03	0.2535266	-0.2246357E-04	0.1783993	0.1922950E-03
1.000		5.521729	-0.1621924E-03	0.2535266	-0.2246357E-04	0.9721935	0.7001209E-03

LOADING 6 Qv (-X) - VENTO IN DIREZIONE X, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-12.07950	0.1473454E-03	-0.3172731	0.2993848E-04	0.8135270	0.2622744E-03
0.500		-12.07950	0.1473454E-03	-0.3172731	0.2993848E-04	-0.1798586	-0.1990656E-03
1.000		-12.07950	0.1473454E-03	-0.3172731	0.2993848E-04	-1.173244	-0.6604056E-03

LOADING 7 Qv (+Y) - VENTO IN DIREZIONE Y, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	0.4675628E-01	0.1430613	-0.5257518E-02	-0.5393517	0.1289872E-01	0.2081476
0.500		0.4675628E-01	0.1430613	-0.5257518E-02	-0.5393517	-0.3562623E-02	-0.2397787
1.000		0.4675628E-01	0.1430613	-0.5257518E-02	-0.5393517	-0.2002397E-01	-0.6877049

LOADING 8 Qv (-Y) - VENTO IN DIREZIONE Y, VERSO NEGATIVO

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	0.3866320E-01	-0.1430654	-0.4416216E-02	0.5393524	0.1097996E-01	-0.2081590
0.500		0.3866320E-01	-0.1430654	-0.4416216E-02	0.5393524	-0.2847257E-02	0.2397804
1.000		0.3866320E-01	-0.1430654	-0.4416216E-02	0.5393524	-0.1667448E-01	0.6877197

LOADING 9

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-4.171701	-0.1160635E-03	-32.15182	0.6762664E-04	12.93541	-0.4834237E-03
0.500		-20.10818	-0.1160635E-03	4.797682	0.6762664E-04	-29.88763	-0.1200277E-03
1.000		-36.04466	-0.1160635E-03	41.74718	0.6762664E-04	42.97859	0.2433684E-03

LOADING 10

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-20.01281	0.1625205E-03	-32.66554	0.1147885E-03	14.22144	0.3660110E-04
0.500		-35.94929	0.1625205E-03	4.283962	0.1147885E-03	-30.21007	-0.4722522E-03
1.000		-51.88577	0.1625205E-03	41.23346	0.1147885E-03	41.04770	-0.9811055E-03

LOADING 11

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-9.099177	0.1287850	-32.38472	-0.4853287	13.50087	0.1871334
0.500		-25.03566	0.1287850	4.564776	-0.4853287	-30.05140	-0.2160939
1.000		-40.97214	0.1287850	41.51427	-0.4853287	42.08559	-0.6193212

LOADING 12

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-9.106461	-0.1287290	-32.38397	0.4855050	13.49914	-0.1875425
0.500		-25.04294	-0.1287290	4.565534	0.4855050	-30.05075	0.2155092
1.000		-40.97942	-0.1287290	41.51503	0.4855050	42.08861	0.6185610

LOADING 13

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-3.863023	-0.1176833E-03	-31.72464	0.6908205E-04	12.77417	-0.4905803E-03
0.500		-19.57630	-0.1176833E-03	4.707356	0.6908205E-04	-29.52153	-0.1221127E-03
1.000		-35.28958	-0.1176833E-03	41.13935	0.6908205E-04	42.25173	0.2463548E-03

LOADING 14

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-19.70413	0.1609007E-03	-32.23837	0.1162439E-03	14.06020	0.2944447E-04
0.500		-35.41741	0.1609007E-03	4.193637	0.1162439E-03	-29.84397	-0.4743373E-03
1.000		-51.13069	0.1609007E-03	40.62564	0.1162439E-03	40.32084	-0.9781191E-03

LOADING 15

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-8.790499	0.1287834	-31.95755	-0.4853272	13.33963	0.1871263
0.500		-24.50378	0.1287834	4.474451	-0.4853272	-29.68530	-0.2160960
1.000		-40.21706	0.1287834	40.90645	-0.4853272	41.35873	-0.6193182

LOADING 16

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-8.797782	-0.1287306	-31.95679	0.4855065	13.33790	-0.1875497
0.500		-24.51106	-0.1287306	4.475208	0.4855065	-29.68466	0.2155071
1.000		-40.22434	-0.1287306	40.90721	0.4855065	41.36175	0.6185640

LOADING 17

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-0.2821226E-01	-0.1766550E-03	-29.79035	0.2575794E-04	11.81504	-0.5117166E-03
0.500		-14.84869	-0.1766550E-03	4.571652	0.2575794E-04	-27.66496	0.4139202E-04
1.000		-29.66917	-0.1766550E-03	38.93365	0.2575794E-04	40.44281	0.5945006E-03

LOADING 18

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-26.43006	0.2876517E-03	-30.64655	0.1043610E-03	13.95842	0.3549914E-03
0.500		-41.25054	0.2876517E-03	3.715452	0.1043610E-03	-28.20234	-0.5456489E-03
1.000		-56.07102	0.2876517E-03	38.07745	0.1043610E-03	37.22466	-0.1446289E-02

LOADING 19

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-8.240672	0.2146585	-30.17852	-0.8089681	12.75748	0.3121830
0.500		-23.06115	0.2146585	4.183476	-0.8089681	-27.93790	-0.3599150
1.000		-37.88163	0.2146585	38.54548	-0.8089681	38.95449	-1.032013

LOADING 20

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-8.252811	-0.2145315	-30.17726	0.8090881	12.75460	-0.3122769
0.500		-23.07329	-0.2145315	4.184738	0.8090881	-27.93683	0.3594235
1.000		-37.89377	-0.2145315	38.54674	0.8090881	38.95951	1.031124

LOADING 21

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-3.580009	-0.6660878E-04	-24.34618	0.4812107E-04	9.869579	-0.3089735E-03
0.500		-15.63281	-0.6660878E-04	3.598818	0.4812107E-04	-22.61053	-0.1004208E-03
1.000		-27.68561	-0.6660878E-04	31.54382	0.4812107E-04	32.40545	0.1081320E-03

LOADING 22

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-14.14075	0.1191139E-03	-24.68866	0.7956230E-04	10.72693	0.3770968E-04
0.500		-26.19355	0.1191139E-03	3.256338	0.7956230E-04	-22.82548	-0.3352371E-03
1.000		-38.24635	0.1191139E-03	31.20134	0.7956230E-04	31.11819	-0.7081839E-03

LOADING 23

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-6.864994	0.8586747E-01	-24.50145	-0.3235494	10.24656	0.1247689
0.500		-18.91779	0.8586747E-01	3.443547	-0.3235494	-22.71970	-0.1440830
1.000		-30.97059	0.8586747E-01	31.38855	-0.3235494	31.81012	-0.4129349

LOADING 24

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-6.869849	-0.8580857E-01	-24.50095	0.3236731	10.24540	-0.1250151
0.500		-18.92265	-0.8580857E-01	3.444052	0.3236731	-22.71927	0.1436524
1.000		-30.97545	-0.8580857E-01	31.38905	0.3236731	31.81213	0.4123199

LOADING 25

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-3.374224	-0.6768863E-04	-24.06140	0.4909135E-04	9.762085	-0.3137446E-03
0.500		-15.27822	-0.6768863E-04	3.538601	0.4909135E-04	-22.36646	-0.1018108E-03
1.000		-27.18222	-0.6768863E-04	31.13860	0.4909135E-04	31.92088	0.1101230E-03

LOADING 26

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-13.93496	0.1180340E-03	-24.40388	0.8053258E-04	10.61944	0.3293859E-04
0.500		-25.83896	0.1180340E-03	3.196121	0.8053258E-04	-22.58142	-0.3366272E-03
1.000		-37.74297	0.1180340E-03	30.79612	0.8053258E-04	30.63362	-0.7061930E-03

LOADING 27

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-6.659207	0.8586639E-01	-24.21667	-0.3235485	10.13906	0.1247642
0.500		-18.56321	0.8586639E-01	3.383331	-0.3235485	-22.47564	-0.1440844
1.000		-30.46721	0.8586639E-01	30.98333	-0.3235485	31.32555	-0.4129329

LOADING 28

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-6.664063	-0.8580964E-01	-24.21617	0.3236741	10.13791	-0.1250198
0.500		-18.56807	-0.8580964E-01	3.383836	0.3236741	-22.47521	0.1436510
1.000		-30.47206	-0.8580964E-01	30.98384	0.3236741	31.32756	0.4123219

LOADING 29

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-0.8176837	-0.1070031E-03	-22.77187	0.2020861E-04	9.122668	-0.3278355E-03
0.500		-12.12648	-0.1070031E-03	3.448131	0.2020861E-04	-21.12874	0.7192350E-05
1.000		-23.43528	-0.1070031E-03	29.66813	0.2020861E-04	30.71493	0.3422202E-03

LOADING 30

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-18.41891	0.2025347E-03	-23.34267	0.7261065E-04	10.55159	0.2499699E-03
0.500		-29.72771	0.2025347E-03	2.877331	0.7261065E-04	-21.48700	-0.3841683E-03
1.000		-41.03651	0.2025347E-03	29.09733	0.7261065E-04	28.56950	-0.1018306E-02

LOADING 31

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-6.292657	0.1431164	-23.03065	-0.5393091	9.750961	0.2081353
0.500		-17.60146	0.1431164	3.189347	-0.5393091	-21.31071	-0.2399638
1.000		-28.91026	0.1431164	29.40935	-0.5393091	29.72272	-0.6880628

LOADING 32

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-6.300750	-0.1430103	-23.02981	0.5393951	9.749043	-0.2081713
0.500		-17.60955	-0.1430103	3.190188	0.5393951	-21.30999	0.2395953
1.000		-28.91835	-0.1430103	29.41019	0.5393951	29.72607	0.6873618

LOADING 33

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-5.991565	0.8075171E-04	-21.83728	0.2277486E-04	9.344803	0.9981699E-04
0.500		-16.70517	0.8075171E-04	3.002724	0.2277486E-04	-20.14079	-0.1530175E-03
1.000		-27.41877	0.8075171E-04	27.84272	0.2277486E-04	28.14792	-0.4058519E-03

LOADING 34

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-6.130704	0.7052673E-04	-22.31252	0.3073378E-04	9.502107	0.5496838E-04
0.500		-17.08238	0.7052673E-04	3.079476	0.3073378E-04	-20.60733	-0.1658515E-03
1.000		-28.03407	0.7052673E-04	28.47148	0.3073378E-04	28.78585	-0.3866715E-03

LOADING 35

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-4.887219	0.4831325E-04	-21.78657	0.1828214E-04	9.221725	0.3671080E-04
0.500		-15.60082	0.4831325E-04	3.053429	0.1828214E-04	-20.10511	-0.1145585E-03
1.000		-26.31442	0.4831325E-04	27.89343	0.1828214E-04	28.34236	-0.2658277E-03

LOADING 36

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-8.407466	0.1102208E-03	-21.90073	0.2876256E-04	9.507508	0.1522719E-03
0.500		-19.12107	0.1102208E-03	2.939269	0.2876256E-04	-20.17676	-0.1928306E-03
1.000		-29.83467	0.1102208E-03	27.77927	0.2876256E-04	27.91327	-0.5379330E-03

LOADING 37

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-5.982214	0.2869301E-01	-21.83833	-0.1078476	9.347383	0.4172934E-01
0.500		-16.69581	0.2869301E-01	3.001673	-0.1078476	-20.14150	-0.4810875E-01
1.000		-27.40941	0.2869301E-01	27.84167	-0.1078476	28.14392	-0.1379468

LOADING 38

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-5.983833	-0.2853234E-01	-21.83816	0.1078933	9.346999	-0.4153198E-01
0.500		-16.69743	-0.2853234E-01	3.001841	0.1078933	-20.14136	0.4780305E-01
1.000		-27.41103	-0.2853234E-01	27.84184	0.1078933	28.14459	0.1371381

LOADING 39

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-5.991565	0.8075171E-04	-21.83728	0.2277486E-04	9.344803	0.9981699E-04
0.500		-16.70517	0.8075171E-04	3.002724	0.2277486E-04	-20.14079	-0.1530175E-03
1.000		-27.41877	0.8075171E-04	27.84272	0.2277486E-04	28.14792	-0.4058519E-03

LOADING 40 EX + ey: SISMA X positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-5.372193	-0.2976151	4.392514	0.1332333	-9.963677	-1.157958
0.500		-5.372193	-0.2976151	4.392514	0.1332333	3.789328	-0.2261217
1.000		-5.372193	-0.2976151	4.392514	0.1332333	17.54233	0.7057142

LOADING 41 EX - ey: SISMA X positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-5.362781	0.2896893	4.391589	-0.1339532	-9.961588	1.141466
0.500		-5.362781	0.2896893	4.391589	-0.1339532	3.788522	0.2344463
1.000		-5.362781	0.2896893	4.391589	-0.1339532	17.53863	-0.6725737

LOADING 42 EY + ex: SISMA Y positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	0.5436714E-01	-1.224463	-0.5757124E-02	-4.587327	0.1301572E-01	-17.33785
0.500		0.5436714E-01	-1.224463	-0.5757124E-02	-4.587327	-0.5009896E-02	-13.50404
1.000		0.5436714E-01	-1.224463	-0.5757124E-02	-4.587327	-0.2303551E-01	-9.670237

LOADING 43 EY - ex: SISMA Y positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	0.3865301E-01	-0.6730840	-0.4159238E-02	-3.802209	0.9574423E-02	-12.20747
0.500		0.3865301E-01	-0.6730840	-0.4159238E-02	-3.802209	-0.3448195E-02	-10.10003
1.000		0.3865301E-01	-0.6730840	-0.4159238E-02	-3.802209	-0.1647081E-01	-7.992602

LOADING 44

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-11.34745	-0.6648734	-17.44649	-1.242942	-0.6149693	-6.359214
0.500		-22.06105	-0.6648734	7.393510	-1.242942	-16.35296	-4.277488
1.000		-32.77465	-0.6648734	32.23351	-1.242942	45.68335	-2.195763

LOADING 45

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-11.38007	0.6980467E-01	-17.44304	1.509454	-0.6227788	4.043498
0.500		-22.09367	0.6980467E-01	7.396965	1.509454	-16.34995	3.824939
1.000		-32.80727	0.6980467E-01	32.23697	1.509454	45.69716	3.606380

LOADING 46

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-11.35216	-0.4994595	-17.44601	-1.007407	-0.6160017	-4.820098
0.500		-22.06576	-0.4994595	7.393990	-1.007407	-16.35249	-3.256285
1.000		-32.77937	-0.4994595	32.23399	-1.007407	45.68532	-1.692472

LOADING 47

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-11.37535	-0.9560917E-01	-17.44352	1.273919	-0.6217464	2.504383
0.500		-22.08895	-0.9560917E-01	7.396486	1.273919	-16.35042	2.803736
1.000		-32.80256	-0.9560917E-01	32.23649	1.273919	45.69520	3.103089

LOADING 48

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-0.6030615	-0.6964317E-01	-26.23152	-1.509409	19.31239	-4.043299
0.500		-11.31666	-0.6964317E-01	-1.391517	-1.509409	-23.93162	-3.825245
1.000		-22.03026	-0.6964317E-01	23.44848	-1.509409	10.59868	-3.607191

LOADING 49

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-0.6356819	0.6650349	-26.22806	1.242988	19.30457	6.359413
0.500		-11.34928	0.6650349	-1.388062	1.242988	-23.92861	4.277182
1.000		-22.06288	0.6650349	23.45194	1.242988	10.61250	2.194951

LOADING 50

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-0.6077758	0.9577067E-01	-26.23104	-1.273873	19.31135	-2.504183
0.500		-11.32138	0.9577067E-01	-1.391037	-1.273873	-23.93115	-2.804042
1.000		-22.03498	0.9577067E-01	23.44896	-1.273873	10.60065	-3.103901

LOADING 51

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-0.6309676	0.4996211	-26.22854	1.007452	19.30561	4.820298
0.500		-11.34457	0.4996211	-1.388542	1.007452	-23.92908	3.255979
1.000		-22.05817	0.4996211	23.45146	1.007452	10.61053	1.691661

LOADING 52

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-11.33804	-0.7756900E-01	-17.44741	-1.510128	-0.6128801	-4.059789
0.500		-22.05164	-0.7756900E-01	7.392586	-1.510128	-16.35377	-3.816920
1.000		-32.76524	-0.7756900E-01	32.23259	-1.510128	45.67965	-3.574051

LOADING 53

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-11.37066	0.6571091	-17.44396	1.242268	-0.6206895	6.342922
0.500		-22.08426	0.6571091	7.396040	1.242268	-16.35076	4.285507
1.000		-32.79786	0.6571091	32.23604	1.242268	45.69347	2.228092

LOADING 54

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-11.34275	0.8784483E-01	-17.44694	-1.274593	-0.6139124	-2.520674
0.500		-22.05635	0.8784483E-01	7.393065	-1.274593	-16.35330	-2.795717
1.000		-32.76995	0.8784483E-01	32.23307	-1.274593	45.68161	-3.070760

LOADING 55

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-11.36594	0.4916952	-17.44444	1.006732	-0.6196570	4.803807
0.500		-22.07954	0.4916952	7.395561	1.006732	-16.35123	3.264304
1.000		-32.79314	0.4916952	32.23556	1.006732	45.69149	1.724801

LOADING 56

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-0.6124743	-0.6569476	-26.23059	-1.242222	19.31030	-6.342722
0.500		-11.32607	-0.6569476	-1.390592	-1.242222	-23.93081	-4.285813
1.000		-22.03967	-0.6569476	23.44941	-1.242222	10.60238	-2.228903

LOADING 57

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-0.6450947	0.7773051E-01	-26.22714	1.510174	19.30249	4.059989
0.500		-11.35869	0.7773051E-01	-1.387138	1.510174	-23.92780	3.816614
1.000		-22.07229	0.7773051E-01	23.45286	1.510174	10.61620	3.573239

LOADING 58

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-0.6171886	-0.4915337	-26.23011	-1.006687	19.30927	-4.803607
0.500		-11.33079	-0.4915337	-1.390113	-1.006687	-23.93034	-3.264610
1.000		-22.04439	-0.4915337	23.44989	-1.006687	10.60435	-1.725613

LOADING 59

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-0.6403804	-0.8768333E-01	-26.22762	1.274639	19.30352	2.520874
0.500		-11.35398	-0.8768333E-01	-1.387617	1.274639	-23.92827	2.795411
1.000		-22.06758	-0.8768333E-01	23.45238	1.274639	10.61423	3.069949

LOADING 60

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-7.548856	-1.313667	-20.52528	-4.547334	6.368715	-17.68514
0.500		-18.26245	-1.313667	4.314721	-4.547334	-19.00900	-13.57203
1.000		-28.97606	-1.313667	29.15472	-4.547334	33.38759	-9.458928

LOADING 61

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-4.325540	-1.135098	-23.16079	-4.627274	12.34692	-16.99036
0.500		-15.03914	-1.135098	1.679213	-4.627274	-21.28259	-13.43636
1.000		-25.75274	-1.135098	26.51921	-4.627274	22.86219	-9.882358

LOADING 62

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-7.546032	-1.137476	-20.52556	-4.627490	6.369343	-16.99531
0.500		-18.25963	-1.137476	4.314444	-4.627490	-19.00924	-13.43386
1.000		-28.97323	-1.137476	29.15445	-4.627490	33.38648	-9.872415

LOADING 63

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-4.328364	-1.311289	-23.16051	-4.547118	12.34630	-17.68019
0.500		-15.04196	-1.311289	1.679490	-4.547118	-21.28235	-13.57453
1.000		-25.75556	-1.311289	26.51949	-4.547118	22.86330	-9.468871

LOADING 64

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-7.657590	1.135260	-20.51377	4.627319	6.342684	16.99056
0.500		-18.37119	1.135260	4.326235	4.627319	-18.99898	13.43605
1.000		-29.08479	1.135260	29.16624	4.627319	33.43366	9.881545

LOADING 65

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-4.434274	1.313829	-23.14927	4.547379	12.32089	17.68534
0.500		-15.14787	1.313829	1.690727	4.547379	-21.27257	13.57173
1.000		-25.86147	1.313829	26.53073	4.547379	22.90826	9.458117

LOADING 66

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-7.654767	1.311451	-20.51404	4.547163	6.343311	17.68039
0.500		-18.36837	1.311451	4.325958	4.547163	-18.99922	13.57423
1.000		-29.08197	1.311451	29.16596	4.547163	33.43255	9.468059

LOADING 67

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-4.437098	1.137637	-23.14900	4.627535	12.32026	16.99551
0.500		-15.15070	1.137637	1.691004	4.627535	-21.27233	13.43356
1.000		-25.86430	1.137637	26.53100	4.627535	22.90937	9.871604

LOADING 68

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-7.564570	-0.7622877	-20.52368	-3.762217	6.365274	-12.55475
0.500		-18.27817	-0.7622877	4.316319	-3.762217	-19.00743	-10.16802
1.000		-28.99177	-0.7622877	29.15632	-3.762217	33.39415	-7.781294

LOADING 69

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-4.341254	-0.5837187	-23.15919	-3.842156	12.34348	-11.85998
0.500		-15.05485	-0.5837187	1.680811	-3.842156	-21.28103	-10.03235
1.000		-25.76845	-0.5837187	26.52081	-3.842156	22.86875	-8.204722

LOADING 70

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-7.561747	-0.5860964	-20.52396	-3.842372	6.365901	-11.86493
0.500		-18.27535	-0.5860964	4.316041	-3.842372	-19.00768	-10.02985
1.000		-28.98895	-0.5860964	29.15604	-3.842372	33.39304	-8.194780

LOADING 71

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-4.344078	-0.7599100	-23.15891	-3.762000	12.34285	-12.54981
0.500		-15.05768	-0.7599100	1.681088	-3.762000	-21.28079	-10.17052
1.000		-25.77128	-0.7599100	26.52109	-3.762000	22.86986	-7.791236

LOADING 72

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-7.641876	0.5838802	-20.51536	3.842202	6.346126	11.86018
0.500		-18.35547	0.5838802	4.324637	3.842202	-19.00054	10.03205
1.000		-29.06907	0.5838802	29.16464	3.842202	33.42709	8.203910

LOADING 73

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-4.418560	0.7624493	-23.15087	3.762262	12.32433	12.55496
0.500		-15.13216	0.7624493	1.689129	3.762262	-21.27414	10.16772
1.000		-25.84576	0.7624493	26.52913	3.762262	22.90169	7.780482

LOADING 74

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-7.639053	0.7600715	-20.51564	3.762046	6.346752	12.55001
0.500		-18.35265	0.7600715	4.324360	3.762046	-19.00078	10.17022
1.000		-29.06625	0.7600715	29.16436	3.762046	33.42598	7.790424

LOADING 75

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-4.421384	0.5862579	-23.15059	3.842418	12.32370	11.86513
0.500		-15.13498	0.5862579	1.689407	3.842418	-21.27389	10.02955
1.000		-25.84859	0.5862579	26.52941	3.842418	22.90280	8.193969

--- MEMBER 49 ---

LOADING 1 G1 - PESI PROPRI STRUTTURALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-42.57636	11.03582	-42.91098	-3.500821	48.80060	13.35918
0.500		-30.41196	-0.1339453	-4.620775	-3.500821	-64.83161	-13.48973
1.000		-6.938760	-21.68784	69.26643	-3.500821	59.95507	29.21135

LOADING 2 G2 - SOVRACCARICHI PERMANENTI PORTATI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-36.46785	4.021068	-15.96644	-1.262020	22.69864	5.792626

0.500	-32.39445	0.2807334	-3.144488	-1.262020	-25.01205	-5.419384
1.000	-21.95985	-9.300671	29.70078	-1.262020	24.33714	11.68228

LOADING 3 Qk - SOVRACCARICHI ACCIDENTALI

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-7.863849	1.127029	-4.496531	-0.3315941	6.674479	1.686677
0.500	-6.732349	0.8804756E-01	-0.9348786	-0.3315941	-6.839528	-1.470558
1.000	-3.833849	-2.573454	8.188806	-0.3315941	6.607545	3.237115

LOADING 4 Qn - NEVE

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-9.818601	1.752749	-6.957352	-0.5931036	9.168221	2.437458
0.500	-8.008201	0.9037798E-01	-1.258708	-0.5931036	-11.44635	-2.399464
1.000	-3.370600	-4.168024	13.33919	-0.5931036	11.07681	5.347468

LOADING 5 Qv (+X) - VENTO IN DIREZIONE X, VERSO POSITIVO

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	5.187587	0.1788663E-01	0.1957082	0.2500107E-01	-0.8479379	0.1511810
0.500	5.187587	0.1788663E-01	0.1957082	0.2500107E-01	-0.1603179E-01	0.7514948E-01
1.000	5.187587	0.1788663E-01	0.1957082	0.2500107E-01	0.8158743	-0.8820540E-03

LOADING 6 Qv (-X) - VENTO IN DIREZIONE X, VERSO NEGATIVO

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-4.484166	-0.1006405E-01	-0.1213292	-0.7536401E-02	0.5859879	-0.9963434E-01
0.500	-4.484166	-0.1006405E-01	-0.1213292	-0.7536401E-02	0.7024805E-01	-0.5685461E-01
1.000	-4.484166	-0.1006405E-01	-0.1213292	-0.7536401E-02	-0.4454918	-0.1407488E-01

LOADING 7 Qv (+Y) - VENTO IN DIREZIONE Y, VERSO POSITIVO

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	10.53292	-0.3375299	0.1909614	0.3896013	-2.998050	-1.852033

0.500	10.53292	-0.3375299	0.1909614	0.3896013	-2.186321	-0.4172786
1.000	10.53292	-0.3375299	0.1909614	0.3896013	-1.374593	1.017476

LOADING 8 Qv (-Y) - VENTO IN DIREZIONE Y, VERSO NEGATIVO

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-10.58137	0.3232555	-0.1632878	-0.3926814	2.853601	1.789429
0.500	-10.58137	0.3232555	-0.1632878	-0.3926814	2.159506	0.4153514
1.000	-10.58137	0.3232555	-0.1632878	-0.3926814	1.465410	-0.9587262

LOADING 9

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-117.2484	22.59516	-88.32730	-7.111410	109.0738	29.39152
0.500	-93.08418	0.4067773	-12.26505	-7.111410	-135.6552	-28.51965
1.000	-41.17809	-47.25516	151.1211	-7.111410	128.5331	62.02718

LOADING 10

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-125.9529	22.57000	-88.61264	-7.140694	110.3643	29.16579
0.500	-101.7888	0.3816217	-12.55039	-7.140694	-135.5776	-28.63845
1.000	-49.88266	-47.28031	150.8358	-7.140694	127.3979	62.01532

LOADING 11

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-112.4376	22.27528	-88.33157	-6.783269	107.1386	27.58863
0.500	-88.27338	0.8690248E-01	-12.26932	-6.783269	-137.6085	-28.96283
1.000	-36.36729	-47.57503	151.1168	-6.783269	126.5617	62.94371

LOADING 12

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-131.4404	22.86999	-88.65041	-7.487324	112.4051	30.86595

0.500	-107.2762	0.6816093	-12.58815	-7.487324	-133.6973	-28.21347
1.000	-55.37015	-46.98033	150.7980	-7.487324	129.1177	61.16513

LOADING 13

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-112.8165	22.21918	-86.80052	-7.058846	105.9382	28.68960
0.500	-88.99181	0.3424895	-11.80677	-7.058846	-133.9807	-28.11341
1.000	-37.95526	-46.52100	148.8423	-7.058846	126.9294	61.18212

LOADING 14

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-121.5211	22.19402	-87.08585	-7.088130	107.2287	28.46387
0.500	-97.69639	0.3173339	-12.09210	-7.088130	-133.9031	-28.23221
1.000	-46.65984	-46.54615	148.5570	-7.088130	125.7942	61.17024

LOADING 15

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-108.0057	21.89930	-86.80479	-6.730706	104.0031	26.88671
0.500	-84.18100	0.2261463E-01	-11.81104	-6.730706	-135.9340	-28.55659
1.000	-33.14447	-46.84087	148.8380	-6.730706	124.9580	62.09864

LOADING 16

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-127.0086	22.49401	-87.12362	-7.434761	109.2696	30.16402
0.500	-103.1839	0.6173216	-12.12986	-7.434761	-132.0227	-27.80723
1.000	-52.14733	-46.24617	148.5192	-7.434761	127.5140	60.32006

LOADING 17

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-102.3400	20.91534	-81.46509	-6.599018	98.55326	26.95222

0.500	-79.87310	0.2854380	-10.74531	-6.599018	-125.4056	-26.26872
1.000	-32.31476	-43.38424	138.9553	-6.599018	119.1113	57.17099

LOADING 18

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-116.8477	20.87342	-81.94064	-6.647824	100.7042	26.57599
0.500	-94.38073	0.2435120	-11.22087	-6.647824	-125.2761	-26.46673
1.000	-46.82239	-43.42617	138.4798	-6.647824	117.2192	57.15120

LOADING 19

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-94.32204	20.38222	-81.47220	-6.052117	95.32810	23.94740
0.500	-71.85509	-0.2476868	-10.75243	-6.052117	-128.6610	-27.00736
1.000	-24.29676	-43.91737	138.9482	-6.052117	115.8256	58.69852

LOADING 20

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-125.9935	21.37340	-82.00358	-7.225542	104.1056	29.40959
0.500	-103.5265	0.7434914	-11.28380	-7.225542	-122.1423	-25.75842
1.000	-55.96820	-42.92619	138.4168	-7.225542	120.0856	55.73422

LOADING 21

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-88.70481	17.07102	-66.73519	-5.375985	82.24907	22.14792
0.500	-70.43031	0.2907566	-9.212070	-5.375985	-102.4160	-21.53432
1.000	-31.30521	-35.63524	113.9430	-5.375985	96.92769	46.80394

LOADING 22

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-94.50786	17.05425	-66.92542	-5.395508	83.10942	21.99743

0.500	-76.23336	0.2739863	-9.402292	-5.395508	-102.3642	-21.61352
1.000	-37.10826	-35.65201	113.7528	-5.395508	96.17087	46.79603

LOADING 23

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-85.49760	16.85777	-66.73804	-5.157225	80.95900	20.94600
0.500	-67.22311	0.7750673E-01	-9.214918	-5.157225	-103.7182	-21.82977
1.000	-28.09801	-35.84849	113.9402	-5.157225	95.61340	47.41496

LOADING 24

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-98.16618	17.25425	-66.95059	-5.626595	84.46999	23.13087
0.500	-79.89169	0.4739780	-9.427468	-5.626595	-101.1107	-21.33019
1.000	-40.76658	-35.45202	113.7276	-5.626595	97.31741	46.22924

LOADING 25

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-85.75026	16.82037	-65.71734	-5.340943	80.15870	21.67998
0.500	-67.70206	0.2478981	-8.906546	-5.340943	-101.2996	-21.26349
1.000	-29.15666	-35.14580	112.4238	-5.340943	95.85855	46.24056

LOADING 26

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-91.55331	16.80360	-65.90756	-5.360466	81.01905	21.52949
0.500	-73.50511	0.2311277	-9.096767	-5.360466	-101.2479	-21.34269
1.000	-34.95971	-35.16257	112.2336	-5.360466	95.10173	46.23265

LOADING 27

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-82.54306	16.60712	-65.72019	-5.122183	78.86862	20.47805

0.500	-64.49486	0.3464816E-01	-8.909393	-5.122183	-102.6018	-21.55895
1.000	-25.94946	-35.35905	112.4210	-5.122183	94.54427	46.85158

LOADING 28

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-95.21164	17.00359	-65.93273	-5.591552	82.37962	22.66293
0.500	-77.16343	0.4311194	-9.121943	-5.591552	-99.99431	-21.05937
1.000	-38.61803	-34.96258	112.2084	-5.591552	96.24827	45.66586

LOADING 29

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-78.76593	15.95115	-62.16038	-5.034391	75.23540	20.52172
0.500	-61.62292	0.2098637	-8.198909	-5.034391	-95.58286	-20.03370
1.000	-25.39632	-33.05463	105.8325	-5.034391	90.64650	43.56647

LOADING 30

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-88.43768	15.92320	-62.47742	-5.066929	76.66933	20.27090
0.500	-71.29468	0.1819131	-8.515945	-5.066929	-95.49659	-20.16570
1.000	-35.06808	-33.08258	105.5155	-5.066929	89.38513	43.55328

LOADING 31

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-73.42059	15.59573	-62.16513	-4.669791	73.08530	18.51851
0.500	-56.27759	-0.1455528	-8.203655	-4.669791	-97.75316	-20.52612
1.000	-20.05099	-33.41005	105.8278	-4.669791	88.45602	44.58483

LOADING 32

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-94.53488	16.25652	-62.51937	-5.452074	78.93695	22.15997

0.500	-77.39188	0.5152327	-8.557904	-5.452074	-93.40733	-19.69349
1.000	-41.16528	-32.74926	105.4735	-5.452074	91.29604	42.60863

LOADING 33

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-79.04421	15.05689	-58.87741	-4.762840	71.49924	19.15181
0.500	-62.80641	0.1467881	-7.765262	-4.762840	-89.84367	-18.90911
1.000	-28.89861	-30.98851	98.96721	-4.762840	84.29222	40.89362

LOADING 34

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-81.00793	15.40744	-60.26888	-4.881461	73.33289	19.63930
0.500	-64.40805	0.1648637	-8.017004	-4.881461	-92.13293	-19.38901
1.000	-29.57273	-31.82211	101.6350	-4.881461	86.50758	41.96312

LOADING 35

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-78.00669	15.06046	-58.83827	-4.757840	71.32965	19.18205
0.500	-61.76889	0.1503654	-7.726121	-4.757840	-89.84687	-18.89408
1.000	-27.86109	-30.98493	99.00636	-4.757840	84.45539	40.89345

LOADING 36

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-79.94104	15.05488	-58.90168	-4.764347	71.61643	19.13188
0.500	-63.70325	0.1447753	-7.789528	-4.764347	-89.82962	-18.92048
1.000	-29.79544	-30.99052	98.94295	-4.764347	84.20312	40.89081

LOADING 37

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-76.93763	14.98938	-58.83922	-4.684920	70.89963	18.78140

0.500	-60.69983	0.7928214E-01	-7.727070	-4.684920	-90.28093	-18.99257
1.000	-26.79203	-31.05601	99.00540	-4.684920	84.01730	41.09712

LOADING 38

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-81.16048	15.12154	-58.91007	-4.841377	72.06996	19.50970
0.500	-64.92268	0.2114392	-7.797920	-4.841377	-89.41177	-18.82604
1.000	-31.01488	-30.92386	98.93456	-4.841377	84.58530	40.70188

LOADING 39

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-79.04421	15.05689	-58.87741	-4.762840	71.49924	19.15181
0.500	-62.80641	0.1467881	-7.765262	-4.762840	-89.84367	-18.90911
1.000	-28.89861	-30.98851	98.96721	-4.762840	84.29222	40.89362

LOADING 40 EX + ey: SISMA X positivo, eccentricità positiva

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	59.33592	-0.3344579E-01	1.682594	-0.2533289E-01	-9.495836	0.5412923
0.500	59.33592	-0.3344579E-01	1.682594	-0.2533289E-01	-2.343554	0.6834618
1.000	59.33592	-0.3344579E-01	1.682594	-0.2533289E-01	4.808729	0.8256315

LOADING 41 EX - ey: SISMA X positivo, eccentricità negativa

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	46.07321	0.3148900	1.636218	-0.2899494	-8.442247	2.049081
0.500	46.07321	0.3148900	1.636218	-0.2899494	-1.487100	0.7105628
1.000	46.07321	0.3148900	1.636218	-0.2899494	5.468047	-0.6279550

LOADING 42 EY + ex: SISMA Y positivo, eccentricità positiva

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-10.16587	-1.637635	3.636231	3.288999	-30.70255	-13.08109

0.500	-10.16587	-1.637635	3.636231	3.288999	-15.24585	-6.119915
1.000	-10.16587	-1.637635	3.636231	3.288999	0.2108511	0.8412552

LOADING 43 EY - ex: SISMA Y positivo, eccentricità negativa

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-22.14313	-1.950507	4.731353	4.020800	-38.43770	-16.31081
0.500	-22.14313	-1.950507	4.731353	4.020800	-18.32591	-8.019699
1.000	-22.14313	-1.950507	4.731353	4.020800	1.785872	0.2714148

LOADING 44

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-22.75805	14.53215	-56.10395	-3.801473	52.79264	15.76878
0.500	-6.520251	-0.3779480	-4.991799	-3.801473	-96.76098	-20.06163
1.000	27.38755	-31.51324	101.7407	-3.801473	89.16420	41.97163

LOADING 45

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-16.65853	15.51473	-58.28569	-5.774873	71.21416	23.61743
0.500	-0.4207267	0.6046327	-7.173538	-5.774873	-87.61346	-16.38968
1.000	33.48708	-30.53066	99.55893	-5.774873	89.03768	41.46688

LOADING 46

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-26.35123	14.43829	-55.77541	-3.581933	50.47210	14.79986
0.500	-10.11343	-0.4718099	-4.663262	-3.581933	-97.68500	-20.63156
1.000	23.79437	-31.60711	102.0692	-3.581933	89.63670	41.80068

LOADING 47

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-13.06535	15.60859	-58.61422	-5.994413	73.53471	24.58635

0.500	3.172451	0.6984946	-7.502074	-5.994413	-86.68945	-15.81974
1.000	37.08025	-30.43680	99.23039	-5.994413	88.56518	41.63783

LOADING 48

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-141.4299	14.59904	-59.46914	-3.750808	71.78431	14.68619
0.500	-125.1921	-0.3110565	-8.356988	-3.750808	-92.07387	-21.42855
1.000	-91.28429	-31.44635	98.37549	-3.750808	79.54674	40.32037

LOADING 49

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-135.3304	15.58162	-61.65088	-5.724207	90.20584	22.53485
0.500	-119.0926	0.6715243	-10.53873	-5.724207	-82.92635	-17.75660
1.000	-85.18477	-30.46377	96.19375	-5.724207	79.42023	39.81562

LOADING 50

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-145.0231	14.50518	-59.14060	-3.531267	69.46377	13.71727
0.500	-128.7853	-0.4049183	-8.028451	-3.531267	-92.99789	-21.99849
1.000	-94.87747	-31.54021	98.70402	-3.531267	80.01925	40.14942

LOADING 51

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-131.7372	15.67549	-61.97941	-5.943747	92.52639	23.50376
0.500	-115.4994	0.7653862	-10.86726	-5.943747	-82.00233	-17.18667
1.000	-81.59159	-30.36991	95.86521	-5.943747	78.94772	39.98657

LOADING 52

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-36.02077	14.88049	-56.15033	-4.066090	53.84623	17.27656

0.500	-19.78297	-0.2961226E-01	-5.038176	-4.066090	-95.90452	-20.03452
1.000	14.12483	-31.16491	101.6943	-4.066090	89.82352	40.51805

LOADING 53

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-29.92124	15.86307	-58.33206	-6.039489	72.26775	25.12522
0.500	-13.68344	0.9529685	-7.219914	-6.039489	-86.75701	-16.36258
1.000	20.22436	-30.18233	99.51255	-6.039489	89.69701	40.01329

LOADING 54

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-39.61395	14.78663	-55.82179	-3.846550	51.52568	16.30765
0.500	-23.37614	-0.1234741	-4.709639	-3.846550	-96.82854	-20.60446
1.000	10.53166	-31.25877	102.0228	-3.846550	90.29603	40.34709

LOADING 55

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-26.32807	15.95693	-58.66060	-6.259029	74.58830	26.09413
0.500	-10.09027	1.046830	-7.548450	-6.259029	-85.83299	-15.79264
1.000	23.81754	-30.08846	99.18402	-6.259029	89.22450	40.18425

LOADING 56

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-128.1672	14.25071	-59.42276	-3.486191	70.73073	13.17840
0.500	-111.9294	-0.6593923	-8.310611	-3.486191	-92.93031	-21.45565
1.000	-78.02158	-31.79469	98.42186	-3.486191	78.88743	41.77396

LOADING 57

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-122.0676	15.23329	-61.60450	-5.459590	89.15225	21.02706

0.500	-105.8299	0.3231885	-10.49235	-5.459590	-83.78281	-17.78370
1.000	-71.92206	-30.81211	96.24012	-5.459590	78.76091	41.26920

LOADING 58

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-131.7603	14.15685	-59.09422	-3.266651	68.41018	12.20949
0.500	-115.5226	-0.7532542	-7.982074	-3.266651	-93.85434	-22.02559
1.000	-81.61475	-31.88855	98.75040	-3.266651	79.35992	41.60300

LOADING 59

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-118.4745	15.32715	-61.93304	-5.679131	91.47279	21.99597
0.500	-102.2367	0.4170504	-10.82089	-5.679131	-82.85880	-17.21377
1.000	-68.32887	-30.71824	95.91159	-5.679131	78.28841	41.44016

LOADING 60

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-71.40931	13.40922	-54.73640	-1.481441	37.94794	6.233112
0.500	-55.17150	-1.500880	-3.624253	-1.481441	-105.7926	-24.82399
1.000	-21.26371	-32.63618	103.1082	-1.481441	85.94569	41.98257

LOADING 61

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-107.0109	13.42929	-55.74596	-1.466241	43.64544	5.908337
0.500	-90.77306	-1.480813	-4.633810	-1.466241	-104.3864	-25.23407
1.000	-56.86526	-32.61611	102.0987	-1.466241	83.06045	41.48719

LOADING 62

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-75.38812	13.51372	-54.75031	-1.560826	38.26402	6.685449

0.500	-59.15032	-1.396379	-3.638166	-1.560826	-105.5356	-24.81586
1.000	-25.24252	-32.53167	103.0943	-1.560826	86.14348	41.54649

LOADING 63

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-103.0320	13.32479	-55.73204	-1.386856	43.32937	5.456000
0.500	-86.79424	-1.585313	-4.619897	-1.386856	-104.6434	-25.24220
1.000	-52.88644	-32.72061	102.1126	-1.386856	82.86265	41.92327

LOADING 64

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-51.07756	16.68449	-62.00887	-8.059439	99.35303	32.39528
0.500	-34.83976	1.774389	-10.89672	-8.059439	-75.30089	-12.58416
1.000	-0.9319604	-29.36090	95.83576	-8.059439	85.52398	40.30006

LOADING 65

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-86.67912	16.70456	-63.01842	-8.044239	105.0505	32.07051
0.500	-70.44131	1.794456	-11.90627	-8.044239	-73.89475	-12.99424
1.000	-36.53351	-29.34084	94.82619	-8.044239	82.63874	39.80468

LOADING 66

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-55.05638	16.78899	-62.02278	-8.138824	99.66911	32.84762
0.500	-38.81857	1.878890	-10.91063	-8.138824	-75.04395	-12.57603
1.000	-4.910775	-29.25640	95.82184	-8.138824	85.72178	39.86398

LOADING 67

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-82.70030	16.60006	-63.00451	-7.964854	104.7345	31.61817

0.500	-66.46250	1.689956	-11.89236	-7.964854	-74.15169	-13.00237
1.000	-32.55470	-29.44534	94.84011	-7.964854	82.44095	40.24076

LOADING 68

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-83.38656	13.09635	-53.64128	-0.7496406	30.21279	3.003386
0.500	-67.14877	-1.813753	-2.529131	-0.7496406	-108.8727	-26.72378
1.000	-33.24096	-32.94905	104.2033	-0.7496406	87.52071	41.41273

LOADING 69

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-118.9881	13.11641	-54.65084	-0.7344409	35.91029	2.678610
0.500	-102.7503	-1.793686	-3.538687	-0.7344409	-107.4665	-27.13385
1.000	-68.84252	-32.92898	103.1938	-0.7344409	84.63547	40.91735

LOADING 70

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-87.36538	13.20085	-53.65520	-0.8290256	30.52887	3.455722
0.500	-71.12758	-1.709252	-2.543044	-0.8290256	-108.6157	-26.71564
1.000	-37.21978	-32.84455	104.1894	-0.8290256	87.71851	40.97665

LOADING 71

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-115.0093	13.01191	-54.63692	-0.6550559	35.59422	2.226274
0.500	-98.77151	-1.898186	-3.524775	-0.6550559	-107.7234	-27.14198
1.000	-64.86371	-33.03348	103.2077	-0.6550559	84.43768	41.35343

LOADING 72

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-39.10030	16.99736	-63.10398	-8.791240	107.0882	35.62501

0.500	-22.86250	2.087262	-11.99184	-8.791240	-72.22082	-10.68438
1.000	11.04530	-29.04803	94.74064	-8.791240	83.94896	40.86990

LOADING 73

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-74.70186	17.01743	-64.11354	-8.776040	112.7857	35.30023
0.500	-58.46406	2.107329	-13.00139	-8.776040	-70.81468	-11.09445
1.000	-24.55626	-29.02796	93.73107	-8.776040	81.06373	40.37452

LOADING 74

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-43.07911	17.10186	-63.11790	-8.870625	107.4043	36.07735
0.500	-26.84132	2.191762	-12.00575	-8.870625	-71.96388	-10.67625
1.000	7.066483	-28.94353	94.72672	-8.870625	84.14676	40.43382

LOADING 75

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-70.72305	16.91293	-64.09962	-8.696655	112.4696	34.84790
0.500	-54.48524	2.002829	-12.98748	-8.696655	-71.07162	-11.10258
1.000	-20.57744	-29.13247	93.74500	-8.696655	80.86593	40.81060

--- MEMBER 50 ---

LOADING 1 G1 - PESI PROPRI STRUTTURALI

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-42.57581	-11.03575	-42.91099	3.500816	48.80059	-13.35885
0.500	-30.41141	0.1340116	-4.620788	3.500816	-64.83168	13.48978
1.000	-6.938209	21.68790	69.26642	3.500816	59.95494	-29.21158

LOADING 2 G2 - SOVRACCARICHI PERMANENTI PORTATI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-36.46788	-4.021047	-15.96644	1.262024	22.69864	-5.792515
0.500		-32.39449	-0.2807125	-3.144491	1.262024	-25.01206	5.419407
1.000		-21.95989	9.300692	29.70077	1.262024	24.33712	-11.68234

LOADING 3 Qk - SOVRACCARICHI ACCIDENTALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-7.862232	-1.126978	-4.496496	0.3315756	6.674160	-1.686443
0.500		-6.730731	-0.8799658E-01	-0.9348435	0.3315756	-6.839698	1.470576
1.000		-3.832232	2.573505	8.188841	0.3315756	6.607524	-3.237314

LOADING 4 Qn - NEVE

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-9.815163	-1.752643	-6.957277	0.5930640	9.167542	-2.436973
0.500		-8.004763	-0.9027223E-01	-1.258634	0.5930640	-11.44671	2.399500
1.000		-3.367162	4.168130	13.33926	0.5930640	11.07677	-5.347882

LOADING 5 Qv (+X) - VENTO IN DIREZIONE X, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	5.188544	-0.1787326E-01	0.1957649	-0.2500284E-01	-0.8483850	-0.1511382
0.500		5.188544	-0.1787326E-01	0.1957649	-0.2500284E-01	-0.1623780E-01	-0.7516355E-01
1.000		5.188544	-0.1787326E-01	0.1957649	-0.2500284E-01	0.8159094	0.8111432E-03

LOADING 6 Qv (-X) - VENTO IN DIREZIONE X, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-4.484416	0.1007010E-01	-0.1213692	0.7529967E-02	0.5862901	0.9967919E-01
0.500		-4.484416	0.1007010E-01	-0.1213692	0.7529967E-02	0.7038025E-01	0.5687376E-01
1.000		-4.484416	0.1007010E-01	-0.1213692	0.7529967E-02	-0.4455296	0.1406832E-01

LOADING 7 Qv (+Y) - VENTO IN DIREZIONE Y, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-10.62597	-0.3192056	-0.1556026	0.3877877	2.801023	-1.765557
0.500		-10.62597	-0.3192056	-0.1556026	0.3877877	2.139595	-0.4086951
1.000		-10.62597	-0.3192056	-0.1556026	0.3877877	1.478168	0.9481672

LOADING 8 Qv (-Y) - VENTO IN DIREZIONE Y, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	10.57758	0.3334812	0.1832775	-0.3847084	-2.945485	1.828166
0.500		10.57758	0.3334812	0.1832775	-0.3847084	-2.166419	0.4106222
1.000		10.57758	0.3334812	0.1832775	-0.3847084	-1.387353	-1.006922

LOADING 9

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-117.2418	-22.59488	-88.32717	7.111351	109.0723	-29.39019
0.500		-93.07764	-0.4064962	-12.26491	7.111351	-135.6561	28.51979
1.000		-41.17155	47.25544	151.1212	7.111351	128.5329	-62.02824

LOADING 10

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-125.9475	-22.56973	-88.61259	7.140630	110.3636	-29.16445
0.500		-101.7833	-0.3813472	-12.55033	7.140630	-135.5781	28.63862
1.000		-49.87721	47.28059	150.8358	7.140630	127.3976	-62.01631

LOADING 11

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-131.4749	-22.86608	-88.64339	7.482862	112.3568	-30.84316
0.500		-107.3107	-0.6776953	-12.58115	7.482862	-133.7158	28.21961
1.000		-55.40461	46.98424	150.8050	7.482862	129.1289	-61.17562

LOADING 12

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-112.3917	-22.27866	-88.33840	6.787616	107.1850	-27.60881
0.500		-88.22750	-0.9027722E-01	-12.27615	6.787616	-137.5912	28.95700
1.000		-36.32142	47.57166	151.1100	6.787616	126.5499	-62.93520

LOADING 13

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-112.8099	-22.21889	-86.80038	7.058784	105.9368	-28.68826
0.500		-88.98512	-0.3422055	-11.80662	7.058784	-133.9815	28.11355
1.000		-37.94857	46.52128	148.8424	7.058784	126.9292	-61.18319

LOADING 14

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-121.5155	-22.19374	-87.08581	7.088065	107.2280	-28.46252
0.500		-97.69077	-0.3170565	-12.09204	7.088065	-133.9036	28.23239
1.000		-46.65424	46.54643	148.5570	7.088065	125.7939	-61.17125

LOADING 15

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-127.0429	-22.49009	-87.11662	7.430296	109.2212	-30.14123
0.500		-103.2182	-0.6134046	-12.12285	7.430296	-132.0413	27.81337
1.000		-52.18164	46.25008	148.5262	7.430296	127.5252	-60.33056

LOADING 16

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-107.9597	-21.90267	-86.81162	6.735050	104.0494	-26.90688
0.500		-84.13498	-0.2598652E-01	-11.81786	6.735050	-135.9167	28.55076
1.000		-33.09844	46.83750	148.8312	6.735050	124.9462	-62.09015

LOADING 17

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-102.3354	-20.91513	-81.46497	6.598985	98.55208	-26.95121
0.500		-79.86842	-0.2852253	-10.74519	6.598985	-125.4062	26.26882
1.000		-32.31008	43.38446	138.9554	6.598985	119.1111	-57.17178

LOADING 18

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-116.8448	-20.87322	-81.94067	6.647784	100.7041	-26.57498
0.500		-94.37785	-0.2433103	-11.22089	6.647784	-125.2763	26.46688
1.000		-46.81952	43.42637	138.4797	6.647784	117.2190	-57.15191

LOADING 19

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-126.0571	-21.36713	-81.99202	7.218171	104.0262	-29.37284
0.500		-103.5902	-0.7372238	-11.27224	7.218171	-122.1725	25.76853
1.000		-56.03185	42.93246	138.4284	7.218171	120.1045	-55.75076

LOADING 20

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-94.25180	-20.38810	-81.48370	6.059427	95.40643	-23.98225
0.500		-71.78486	0.2418064	-10.76392	6.059427	-128.6315	26.99751
1.000		-24.22652	43.91149	138.9367	6.059427	115.8062	-58.68339

LOADING 21

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-88.70038	-17.07082	-66.73511	5.375946	82.24814	-22.14697
0.500		-70.42588	-0.2905576	-9.211980	5.375946	-102.4165	21.53442
1.000		-31.30078	35.63544	113.9431	5.375946	96.92752	-46.80469

LOADING 22

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-94.50415	-17.05406	-66.92538	5.395465	83.10894	-21.99648
0.500		-76.22966	-0.2737916	-9.402261	5.395465	-102.3646	21.61364
1.000		-37.10456	35.65221	113.7528	5.395465	96.17066	-46.79673

LOADING 23

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-98.18909	-17.25163	-66.94592	5.623620	84.43778	-23.11563
0.500		-79.91458	-0.4713570	-9.422800	5.623620	-101.1230	21.33430
1.000		-40.78949	35.45464	113.7323	5.623620	97.32488	-46.23627

LOADING 24

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-85.46696	-16.86001	-66.74260	5.160122	80.98988	-20.95939
0.500		-67.19246	-0.7974494E-01	-9.219472	5.160122	-103.7066	21.82589
1.000		-28.06736	35.84625	113.9356	5.160122	95.60557	-47.40932

LOADING 25

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-85.74573	-16.82017	-65.71725	5.340902	80.15775	-21.67902
0.500		-67.69753	-0.2476971	-8.906453	5.340902	-101.3002	21.26359
1.000		-29.15213	35.14600	112.4239	5.340902	95.85838	-46.24131

LOADING 26

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-91.54951	-16.80340	-65.90752	5.360422	81.01855	-21.52853
0.500		-73.50131	-0.2309311	-9.096734	5.360422	-101.2482	21.34282
1.000		-34.95591	35.16277	112.2336	5.360422	95.10152	-46.23336

LOADING 27

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-95.23444	-17.00097	-65.92807	5.588576	82.34740	-22.64767
0.500		-77.18623	-0.4284966	-9.117274	5.588576	-100.0067	21.06347
1.000		-38.64083	34.96520	112.2131	5.588576	96.25574	-45.67290

LOADING 28

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-82.51231	-16.60936	-65.72474	5.125079	78.89949	-20.49144
0.500		-64.46411	-0.3688447E-01	-8.913946	5.125079	-102.5903	21.55506
1.000		-25.91871	35.35681	112.4164	5.125079	94.53642	-46.84595

LOADING 29

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-78.76273	-15.95100	-62.16031	5.034369	75.23463	-20.52099
0.500		-61.61973	-0.2097103	-8.198831	5.034369	-95.58333	20.03378
1.000		-25.39313	33.05479	105.8326	5.034369	90.64636	-43.56705

LOADING 30

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-88.43569	-15.92305	-62.47744	5.066902	76.66930	-20.27017
0.500		-71.29269	-0.1817670	-8.515965	5.066902	-95.49671	20.16581
1.000		-35.06609	33.08273	105.5155	5.066902	89.38493	-43.55379

LOADING 31

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-94.57724	-16.25233	-62.51167	5.447160	78.88403	-22.13541
0.500		-77.43424	-0.5110427	-8.550198	5.447160	-93.42750	19.70024
1.000		-41.20764	32.75345	105.4812	5.447160	91.30862	-42.61969

LOADING 32

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-73.37370	-15.59964	-62.17279	4.674664	73.13752	-18.54168
0.500		-56.23069	0.1416441	-8.211318	4.674664	-97.73351	20.51956
1.000		-20.00410	33.40614	105.8201	4.674664	88.44310	-44.57478

LOADING 33

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-79.04370	-15.05680	-58.87743	4.762840	71.49924	-19.15136
0.500		-62.80590	-0.1467010	-7.765278	4.762840	-89.84373	18.90919
1.000		-28.89809	30.98859	98.96719	4.762840	84.29208	-40.89392

LOADING 34

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-81.00673	-15.40733	-60.26888	4.881453	73.33275	-19.63876
0.500		-64.40685	-0.1647554	-8.017006	4.881453	-92.13308	19.38909
1.000		-29.57153	31.82222	101.6350	4.881453	86.50742	-41.96350

LOADING 35

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-78.00598	-15.06038	-58.83828	4.757839	71.32956	-19.18159
0.500		-61.76819	-0.1502756	-7.726126	4.757839	-89.84698	18.89416
1.000		-27.86038	30.98502	99.00634	4.757839	84.45525	-40.89375

LOADING 36

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-79.94058	-15.05479	-58.90170	4.764346	71.61649	-19.13143
0.500		-63.70278	-0.1446870	-7.789553	4.764346	-89.82966	18.92056
1.000		-29.79498	30.99061	98.94292	4.764346	84.20296	-40.89110

LOADING 37

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-81.16888	-15.12064	-58.90855	4.840397	72.05944	-19.50447
0.500		-64.93108	-0.2105421	-7.796399	4.840397	-89.41582	18.82745
1.000		-31.02329	30.92475	98.93607	4.840397	84.58771	-40.70428

LOADING 38

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-76.92818	-14.99010	-58.84077	4.685898	70.91014	-18.78573
0.500		-60.69038	-0.8000473E-01	-7.728623	4.685898	-90.27702	18.99131
1.000		-26.78258	31.05529	99.00385	4.685898	84.01460	-41.09530

LOADING 39

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-79.04370	-15.05680	-58.87743	4.762840	71.49924	-19.15136
0.500		-62.80590	-0.1467010	-7.765278	4.762840	-89.84373	18.90919
1.000		-28.89809	30.98859	98.96719	4.762840	84.29208	-40.89392

LOADING 40 EX + ey: SISMA X positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	46.05973	-0.3139521	1.639506	0.2886108	-8.464303	-2.043319
0.500		46.05973	-0.3139521	1.639506	0.2886108	-1.495178	-0.7087886
1.000		46.05973	-0.3139521	1.639506	0.2886108	5.473947	0.6257424

LOADING 41 EX - ey: SISMA X positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	59.33911	0.3167567E-01	1.680377	0.2716216E-01	-9.481013	-0.5513849
0.500		59.33911	0.3167567E-01	1.680377	0.2716216E-01	-2.338155	-0.6860301
1.000		59.33911	0.3167567E-01	1.680377	0.2716216E-01	4.804703	-0.8206754

LOADING 42 EY + ex: SISMA Y positivo, eccentricità positiva

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	9.705712	-1.597730	-3.559720	3.240824	30.18076	-12.84563
0.500	9.705712	-1.597730	-3.559720	3.240824	15.04929	-6.054083
1.000	9.705712	-1.597730	-3.559720	3.240824	-0.8218115E-01	0.7374606

LOADING 43 EY - ex: SISMA Y positivo, eccentricità negativa

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	21.63535	-1.900415	-4.635850	3.960577	37.78361	-16.01589
0.500	21.63535	-1.900415	-4.635850	3.960577	18.07778	-7.937709
1.000	21.63535	-1.900415	-4.635850	3.960577	-1.628044	0.1404734

LOADING 44

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-30.07225	-15.85007	-58.30584	6.023698	72.08916	-25.04837
0.500	-13.83445	-0.9399719	-7.193689	6.023698	-86.82413	16.38418
1.000	20.07335	30.19532	99.53878	6.023698	89.74137	-40.04694

LOADING 45

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-35.89568	-14.89143	-56.17001	4.079204	53.98071	-17.34099
0.500	-19.65788	0.1866582E-01	-5.057857	4.079204	-95.85370	20.01663
1.000	14.24992	31.15396	101.6746	4.079204	89.79067	-40.48942

LOADING 46

DISTANCE FROM START	AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000 FR	-26.49336	-15.94088	-58.62868	6.239624	74.37002	-25.99945
0.500	-10.25556	-1.030778	-7.516528	6.239624	-85.91557	15.81909
1.000	23.65224	30.10452	99.21595	6.239624	89.27761	-40.22604

LOADING 47

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-39.47457	-14.80063	-55.84716	3.863278	51.69985	-16.38992
0.500		-23.23677	0.1094714	-4.735018	3.863278	-96.76225	20.58172
1.000		10.67103	31.24477	101.9975	3.863278	90.25443	-40.31032

LOADING 48

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-122.1917	-15.22217	-61.58485	5.446476	89.01777	-20.96173
0.500		-105.9539	-0.3120677	-10.47270	5.446476	-83.83377	17.80175
1.000		-72.04611	30.82323	96.25977	5.446476	78.79347	-41.29842

LOADING 49

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-128.0151	-14.26353	-59.44902	3.501982	70.90932	-13.25436
0.500		-111.7773	0.6465700	-8.336868	3.501982	-92.86334	21.43420
1.000		-77.86954	31.78187	98.39561	3.501982	78.84278	-41.74090

LOADING 50

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-118.6128	-15.31297	-61.90769	5.662403	91.29862	-21.91281
0.500		-102.3750	-0.4028734	-10.79554	5.662403	-82.92522	17.23667
1.000		-68.46722	30.73242	95.93693	5.662403	78.32971	-41.47752

LOADING 51

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-131.5940	-14.17272	-59.12618	3.286056	68.62846	-12.30328
0.500		-115.3562	0.7373756	-8.014030	3.286056	-93.77189	21.99929
1.000		-81.44843	31.87267	98.71844	3.286056	79.30654	-41.56181

LOADING 52

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-16.79287	-15.50444	-58.26497	5.762249	71.07246	-23.55644
0.500		-0.5550694	-0.5943442	-7.152818	5.762249	-87.66710	16.40693
1.000		33.35273	30.54095	99.57965	5.762249	89.07213	-41.49335

LOADING 53

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-22.61630	-14.54581	-56.12914	3.817755	52.96400	-15.84906
0.500		-6.378497	0.3642936	-5.016986	3.817755	-96.69668	20.03939
1.000		27.52930	31.49959	101.7155	3.817755	89.12143	-41.93583

LOADING 54

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-13.21398	-15.59525	-58.58781	5.978175	73.35331	-24.50752
0.500		3.023822	-0.6851498	-7.475657	5.978175	-86.75855	15.84185
1.000		36.93163	30.45014	99.25681	5.978175	88.60837	-41.67245

LOADING 55

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-26.19519	-14.45500	-55.80630	3.601829	50.68314	-14.89798
0.500		-9.957389	0.4550992	-4.694147	3.601829	-97.60522	20.60447
1.000		23.95041	31.59039	102.0383	3.601829	89.58518	-41.75674

LOADING 56

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-135.4711	-15.56780	-61.62572	5.707925	90.03448	-22.45367
0.500		-119.2333	-0.6576955	-10.51357	5.707925	-82.99079	17.77900
1.000		-85.32549	30.47760	96.21889	5.707925	79.46272	-39.85201

LOADING 57

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-141.2945	-14.60916	-59.48989	3.763431	71.92602	-14.74629
0.500		-125.0567	0.3009422	-8.377740	3.763431	-92.02037	21.41145
1.000		-91.14892	31.43624	98.35473	3.763431	79.51202	-40.29448

LOADING 58

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-131.8922	-15.65860	-61.94856	5.923851	92.31533	-23.40475
0.500		-115.6544	-0.7485011	-10.83641	5.923851	-82.08224	17.21391
1.000		-81.74660	30.38679	95.89606	5.923851	78.99895	-40.03111

LOADING 59

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-144.8734	-14.51835	-59.16705	3.547505	69.64517	-13.79521
0.500		-128.6356	0.3917478	-8.054900	3.547505	-92.92892	21.97653
1.000		-94.72781	31.52704	98.67757	3.547505	79.97578	-40.11539

LOADING 60

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-55.52006	-16.74872	-61.94529	8.090247	99.14070	-32.60999
0.500		-39.28226	-1.838616	-10.83315	8.090247	-75.24300	12.64247
1.000		-5.374462	29.29668	95.89932	8.090247	85.85208	-39.96873

LOADING 61

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-83.15591	-16.56034	-62.92900	7.917081	104.2193	-31.38400
0.500		-66.91810	-1.650245	-11.81685	7.917081	-74.34589	13.06774
1.000		-33.01030	29.48505	94.91562	7.917081	82.56771	-40.34418

LOADING 62

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-51.53625	-16.64503	-61.93304	8.011812	98.83569	-32.16241
0.500		-35.29845	-1.734928	-10.82089	8.011812	-75.49590	12.64930
1.000		-1.390648	29.40037	95.91159	8.011812	85.65131	-40.40266

LOADING 63

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-87.13971	-16.66403	-62.94126	7.995515	104.5243	-31.83158
0.500		-70.90192	-1.753933	-11.82911	7.995515	-74.09299	13.06092
1.000		-36.99412	29.38136	94.90337	7.995515	82.76848	-39.91026

LOADING 64

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-74.93148	-13.55326	-54.82586	1.608599	38.77919	-6.918732
0.500		-58.69368	1.356843	-3.713707	1.608599	-105.3416	24.75064
1.000		-24.78588	32.49214	103.0188	1.608599	86.01643	-41.44366

LOADING 65

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-102.5673	-13.36489	-55.80956	1.435433	43.85777	-5.692739
0.500		-86.32953	1.545214	-4.697411	1.435433	-104.4445	25.17591
1.000		-52.42173	32.68051	102.0351	1.435433	82.73207	-41.81910

LOADING 66

DISTANCE		FORCE			MOMENT		
FROM START		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-70.94767	-13.44957	-54.81359	1.530164	38.47417	-6.471151
0.500		-54.70987	1.460531	-3.701446	1.530164	-105.5945	24.75746
1.000		-20.80207	32.59583	103.0310	1.530164	85.81567	-41.87758

LOADING 67

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-106.5511	-13.46857	-55.82182	1.513867	44.16278	-6.140320
0.500		-90.31334	1.441526	-4.709672	1.513867	-104.1916	25.16908
1.000		-56.40554	32.57682	102.0228	1.513867	82.93285	-41.38518

LOADING 68

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-43.59042	-17.05140	-63.02143	8.810001	106.7436	-35.78025
0.500		-27.35262	-2.141301	-11.90928	8.810001	-72.21451	10.75884
1.000		6.555177	28.99399	94.82319	8.810001	84.30621	-40.56572

LOADING 69

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-71.22626	-16.86303	-64.00513	8.636834	111.8221	-34.55426
0.500		-54.98846	-1.952930	-12.89298	8.636834	-71.31740	11.18412
1.000		-21.08066	29.18236	93.83949	8.636834	81.02184	-40.94117

LOADING 70

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-39.60661	-16.94771	-63.00917	8.731565	106.4386	-35.33267
0.500		-23.36881	-2.037613	-11.89702	8.731565	-72.46740	10.76567
1.000		10.53899	29.09768	94.83546	8.731565	84.10544	-40.99965

LOADING 71

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-75.21008	-16.96672	-64.01740	8.715268	112.1271	-35.00184
0.500		-58.97227	-2.056618	-12.90524	8.715268	-71.06451	11.17729
1.000		-25.06448	29.07868	93.82723	8.715268	81.22261	-40.50724

LOADING 72

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-86.86112	-13.25057	-53.74973	0.8888460	31.17633	-3.748468
0.500		-70.62332	1.659528	-2.637577	0.8888460	-108.3701	26.63426
1.000		-36.71553	32.79482	104.0949	0.8888460	87.56230	-40.84667

LOADING 73

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-114.4970	-13.06220	-54.73343	0.7156795	36.25492	-2.522476
0.500		-98.25916	1.847900	-3.621280	0.7156795	-107.4730	27.05954
1.000		-64.35136	32.98319	103.1112	0.7156795	84.27793	-41.22211

LOADING 74

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-82.87731	-13.14688	-53.73746	0.8104115	30.87132	-3.300887
0.500		-66.63951	1.763216	-2.625315	0.8104115	-108.6230	26.64109
1.000		-32.73171	32.89851	104.1072	0.8104115	87.36153	-41.28060

LOADING 75

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-118.4808	-13.16589	-54.74569	0.7941141	36.55993	-2.970056
0.500		-102.2430	1.744211	-3.633541	0.7941141	-107.2201	27.05271
1.000		-68.33517	32.87951	103.0989	0.7941141	84.47871	-40.78819

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LOADING 1 G1 - PESI PROPRI STRUTTURALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-42.57127	11.03582	42.91134	3.500885	-48.80155	13.35921
0.500		-30.40687	-0.1339497	4.621136	3.500885	64.83221	-13.48968
1.000		-6.933673	-21.68784	-69.26608	3.500885	-59.95295	29.21141

LOADING 2 G2 - SOVRACCARICHI PERMANENTI PORTATI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-36.45968	4.021082	15.96700	1.262127	-22.70016	5.792790
0.500		-32.38628	0.2807484	3.145056	1.262127	25.01294	-5.419283
1.000		-21.95168	-9.300655	-29.70021	1.262127	-24.33384	11.68231

LOADING 3 Qk - SOVRACCARICHI ACCIDENTALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-7.862652	1.127029	4.496612	0.3316086	-6.674691	1.686692
0.500		-6.731152	0.8804762E-01	0.9349600	0.3316086	6.839662	-1.470544
1.000		-3.832652	-2.573454	-8.188725	0.3316086	-6.607064	3.237128

LOADING 4 Qn - NEVE

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-9.816613	1.752748	6.957487	0.5931273	-9.168567	2.437475
0.500		-8.006213	0.9037676E-01	1.258843	0.5931273	11.44658	-2.399442
1.000		-3.368613	-4.168025	-13.33905	0.5931273	-11.07601	5.347496

LOADING 5 Qv (+X) - VENTO IN DIREZIONE X, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-4.520281	-0.9775916E-02	0.1174857	0.9196175E-02	-0.5624741	-0.9831951E-01
0.500		-4.520281	-0.9775916E-02	0.1174857	0.9196175E-02	-0.6307202E-01	-0.5676457E-01
1.000		-4.520281	-0.9775916E-02	0.1174857	0.9196175E-02	0.4363300	-0.1520962E-01

LOADING 6 Qv (-X) - VENTO IN DIREZIONE X, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	5.223629	0.1759810E-01	-0.1918710	-0.2666223E-01	0.8244434	0.1498642
0.500		5.223629	0.1759810E-01	-0.1918710	-0.2666223E-01	0.8848268E-02	0.7505914E-01
1.000		5.223629	0.1759810E-01	-0.1918710	-0.2666223E-01	-0.8067468	0.2540828E-03

LOADING 7 Qv (+Y) - VENTO IN DIREZIONE Y, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	10.54603	-0.3379688	-0.1912314	-0.3898099	3.001311	-1.853932
0.500		10.54603	-0.3379688	-0.1912314	-0.3898099	2.188435	-0.4173122
1.000		10.54603	-0.3379688	-0.1912314	-0.3898099	1.375559	1.019308

LOADING 8 Qv (-Y) - VENTO IN DIREZIONE Y, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-10.59414	0.3236954	0.1635814	0.3928945	-2.856926	1.791337
0.500		-10.59414	0.3236954	0.1635814	0.3928945	-2.161582	0.4153895
1.000		-10.59414	0.3236954	0.1635814	0.3928945	-1.466239	-0.9605578

LOADING 9

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-125.9649	22.57027	88.61061	7.142450	-110.3469	29.16726
0.500		-101.8007	0.3818940	12.54836	7.142450	135.5863	-28.63814
1.000		-49.89465	-47.28004	-150.8378	7.142450	-127.3977	62.01447

LOADING 10

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-117.1954	22.59491	88.33219	7.110177	-109.0987	29.39062
0.500		-93.03122	0.4065306	12.26994	7.110177	135.6511	-28.51950
1.000		-41.12513	-47.25540	-151.1162	7.110177	-128.5165	62.02839

LOADING 11

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-112.4052	22.27490	88.33276	6.783344	-107.1395	27.58721
0.500		-88.24106	0.8652042E-01	12.27051	6.783344	137.6127	-28.96264
1.000		-36.33497	-47.57542	-151.1156	6.783344	-126.5524	62.94553

LOADING 12

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-131.4314	22.87040	88.65210	7.487778	-112.4119	30.86795
0.500		-107.2672	0.6820182	12.58984	7.487778	133.6977	-28.21321
1.000		-55.36112	-46.97992	-150.7963	7.487778	-129.1100	61.16366

LOADING 13

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-121.5334	22.19429	87.08381	7.089883	-107.2113	28.46533
0.500		-97.70867	0.3176051	12.09005	7.089883	133.9118	-28.23191
1.000		-46.67213	-46.54588	-148.5590	7.089883	-125.7941	61.16940

LOADING 14

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-112.7639	22.21893	86.80538	7.057610	-105.9631	28.68869
0.500		-88.93915	0.3422417	11.81163	7.057610	133.9765	-28.11327
1.000		-37.90261	-46.52124	-148.8374	7.057610	-126.9129	61.18332

LOADING 15

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-107.9737	21.89892	86.80597	6.730777	-104.0039	26.88528
0.500		-84.14899	0.2223154E-01	11.81220	6.730777	135.9381	-28.55640
1.000		-33.11245	-46.84126	-148.8369	6.730777	-124.9488	62.10046

LOADING 16

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-126.9999	22.49442	87.12529	7.435211	-109.2763	30.16602
0.500		-103.1751	0.6177293	12.13154	7.435211	132.0231	-27.80697
1.000		-52.13860	-46.24576	-148.5175	7.435211	-127.5064	60.31858

LOADING 17

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-116.8831	20.87386	81.93618	6.650555	-100.6723	26.57823
0.500		-94.41618	0.2439570	11.21641	6.650555	125.2890	-26.46638
1.000		-46.85784	-43.42573	-138.4842	6.650555	-117.2253	57.14965

LOADING 18

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-102.2673	20.91492	81.47215	6.596767	-98.59197	26.95050
0.500		-79.80032	0.2850180	10.75237	6.596767	125.3969	-26.26865
1.000		-32.24197	-43.38466	-138.9483	6.596767	-119.0899	57.17284

LOADING 19

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-94.28365	20.38157	81.47311	6.052045	-95.32668	23.94481
0.500		-71.81670	-0.2483323	10.75333	6.052045	128.6663	-27.00721
1.000		-24.25837	-43.91802	-138.9473	6.052045	-115.8165	58.70143

LOADING 20

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-125.9939	21.37407	82.00533	7.226102	-104.1140	29.41271
0.500		-103.5270	0.7441640	11.28555	7.226102	122.1412	-25.75815
1.000		-55.96862	-42.92552	-138.4151	7.226102	-120.0792	55.73162

LOADING 21

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-94.51408	17.05444	66.92419	5.396701	-83.09817	21.99844
0.500		-76.23958	0.2741692	9.401064	5.396701	102.3703	-21.61329
1.000		-37.11448	-35.65182	-113.7540	5.396701	-96.17005	46.79548

LOADING 22

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-88.66774	17.07086	66.73857	5.375186	-82.26601	22.14735
0.500		-70.39323	0.2905936	9.215450	5.375186	102.4134	-21.53420
1.000		-31.26814	-35.63540	-113.9397	5.375186	-96.91591	46.80476

LOADING 23

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-85.47429	16.85752	66.73896	5.157298	-80.95989	20.94507
0.500		-67.19979	0.7725343E-01	9.215835	5.157298	103.7212	-21.82962
1.000		-28.07469	-35.84874	-113.9393	5.157298	-95.60651	47.41619

LOADING 24

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-98.15839	17.25452	66.95184	5.626920	-84.47484	23.13223
0.500		-79.88389	0.4742520	9.428721	5.626920	101.1111	-21.33000
1.000		-40.75879	-35.45174	-113.7264	5.626920	-97.31160	46.22827

LOADING 25

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-91.55973	16.80378	65.90632	5.361656	-81.00776	21.53049
0.500		-73.51154	0.2313099	9.095526	5.361656	101.2539	-21.34247
1.000		-34.96613	-35.16239	-112.2348	5.361656	-95.10100	46.23209

LOADING 26

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-85.71339	16.82020	65.72070	5.340142	-80.17561	21.67940
0.500		-67.66519	0.2477343	8.909911	5.340142	101.2970	-21.26337
1.000		-29.11979	-35.14596	-112.4205	5.340142	-95.84684	46.24137

LOADING 27

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-82.51995	16.60686	65.72108	5.122253	-78.86948	20.47712
0.500		-64.47175	0.3439418E-01	8.910295	5.122253	102.6048	-21.55880
1.000		-25.92635	-35.35930	-112.4201	5.122253	-94.53746	46.85281

LOADING 28

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-95.20405	17.00386	65.93398	5.591875	-82.38443	22.66428
0.500		-77.15585	0.4313927	9.123183	5.591875	99.99477	-21.05918
1.000		-38.61045	-34.96230	-112.2072	5.591875	-96.24253	45.66489

LOADING 29

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-88.45954	15.92350	62.47457	5.068771	-76.64846	20.27242
0.500		-71.31654	0.1822112	8.513099	5.068771	95.50536	-20.16545
1.000		-35.08994	-33.08228	-105.5183	5.068771	-89.38846	43.55227

LOADING 30

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-78.71563	15.95087	62.16521	5.032913	-75.26154	20.52061
0.500		-61.57263	0.2095852	8.203742	5.032913	95.57729	-20.03363
1.000		-25.34603	-33.05491	-105.8277	5.032913	-90.63153	43.56773

LOADING 31

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-73.39323	15.59530	62.16585	4.669765	-73.08468	18.51681
0.500		-56.25023	-0.1459817	8.204381	4.669765	97.75687	-20.52600
1.000		-20.02363	-33.41048	-105.8270	4.669765	-88.44923	44.58678

LOADING 32

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-94.53339	16.25697	62.52066	5.452470	-78.94292	22.16208
0.500		-77.39040	0.5156825	8.559194	5.452470	93.40685	-19.69330
1.000		-41.16380	-32.74881	-105.4722	5.452470	-91.29104	42.60692

LOADING 33

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-79.03095	15.05690	58.87834	4.763011	-71.50171	19.15200
0.500		-62.79316	0.1467987	7.766191	4.763011	89.84515	-18.90897
1.000		-28.88535	-30.98850	-98.96629	4.763011	-84.28679	40.89373

LOADING 34

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-80.99428	15.40745	60.26984	4.881637	-73.33543	19.63950
0.500		-64.39439	0.1648741	8.017960	4.881637	92.13445	-19.38886
1.000		-29.55907	-31.82210	-101.6341	4.881637	-86.50199	41.96322

LOADING 35

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-79.93501	15.05494	58.90184	4.764851	-71.61420	19.13234
0.500		-63.69721	0.1448435	7.789689	4.764851	89.83253	-18.92032
1.000		-29.78941	-30.99045	-98.94278	4.764851	-84.19952	40.89069

LOADING 36

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-77.98623	15.06042	58.83997	4.757679	-71.33681	19.18197
0.500		-61.74842	0.1503183	7.727817	4.757679	89.84692	-18.89396
1.000		-27.84063	-30.98498	-99.00465	4.757679	-84.44814	40.89378

LOADING 37

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-76.92175	14.98930	58.84009	4.685050	-70.90144	18.78121
0.500		-60.68394	0.7920495E-01	7.727945	4.685050	90.28284	-18.99243
1.000		-26.77615	-31.05609	-99.00452	4.685050	-84.01168	41.09759

LOADING 38

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-81.14978	15.12164	58.91106	4.841590	-72.07309	19.51027
0.500		-64.91198	0.2115378	7.798907	4.841590	89.41283	-18.82589
1.000		-31.00418	-30.92376	-98.93356	4.841590	-84.58003	40.70161

LOADING 39

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-79.03095	15.05690	58.87834	4.763011	-71.50171	19.15200
0.500		-62.79316	0.1467987	7.766191	4.763011	89.84515	-18.90897
1.000		-28.88535	-30.98850	-98.96629	4.763011	-84.28679	40.89373

LOADING 40 EX + ey: SISMA X positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-60.07582	0.3946131E-01	1.604499	0.8383786E-02	-9.026219	-0.5128635
0.500		-60.07582	0.3946131E-01	1.604499	0.8383786E-02	-2.205898	-0.6806036
1.000		-60.07582	0.3946131E-01	1.604499	0.8383786E-02	4.614424	-0.8483436

LOADING 41 EX - ey: SISMA X positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-46.87407	-0.3083311	1.550099	-0.2520404	-7.903054	-2.019766
0.500		-46.87407	-0.3083311	1.550099	-0.2520404	-1.313975	-0.7091287
1.000		-46.87407	-0.3083311	1.550099	-0.2520404	5.275103	0.6015089

LOADING 42 EY + ex: SISMA Y positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-22.06501	-1.953997	-4.735987	-4.021386	38.48323	-16.32643
0.500		-22.06501	-1.953997	-4.735987	-4.021386	18.35174	-8.020479
1.000		-22.06501	-1.953997	-4.735987	-4.021386	-1.779741	0.2854687

LOADING 43 EY - ex: SISMA Y positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-10.05328	-1.641340	-3.636453	-3.291870	30.70992	-13.09677
0.500		-10.05328	-1.641340	-3.636453	-3.291870	15.25228	-6.119849
1.000		-10.05328	-1.641340	-3.636453	-3.291870	-0.2053669	0.8570732

LOADING 44

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-145.7263	14.51016	59.06204	3.564980	-68.98296	13.74121
0.500		-129.4885	-0.3999392	7.949894	3.564980	93.14477	-21.99571
1.000		-95.58067	-31.53523	-98.78258	3.564980	-80.20628	40.13102

LOADING 45

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-132.4873	15.68256	61.90364	5.977811	-92.07290	23.53707
0.500		-116.2495	0.7724592	10.79149	5.977811	82.13373	-17.18343
1.000		-82.34167	-30.36283	-95.94099	5.977811	-79.13844	39.95974

LOADING 46

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-142.1228	14.60396	59.39190	3.783834	-71.31495	14.71011
0.500		-125.8850	-0.3061420	8.279755	3.783834	92.21493	-21.42553
1.000		-91.97715	-31.44144	-98.45271	3.783834	-79.73397	40.30251

LOADING 47

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-136.0908	15.58876	61.57378	5.758956	-89.74091	22.56817
0.500		-119.8530	0.6786621	10.46163	5.758956	83.06356	-17.75362
1.000		-85.94519	-30.45663	-96.27084	5.758956	-79.61076	39.78826

LOADING 48

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-25.57463	14.43124	55.85304	3.548212	-50.93052	14.76694
0.500		-9.336834	-0.4788618	4.740895	3.548212	97.55656	-20.63451
1.000		24.57096	-31.61415	-101.9916	3.548212	-89.43513	41.82771

LOADING 49

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-12.33563	15.60364	58.69463	5.961044	-74.02045	24.56279
0.500		3.902171	0.6935366	7.582488	5.961044	86.54552	-15.82222
1.000		37.80997	-30.44176	-99.14998	5.961044	-88.36729	41.65643

LOADING 50

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-21.97112	14.52503	56.18291	3.767067	-53.26251	15.73584
0.500		-5.733316	-0.3850647	5.070755	3.767067	96.62672	-20.06432
1.000		28.17448	-31.52036	-101.6617	3.767067	-88.96281	41.99919

LOADING 51

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-15.93915	15.50984	58.36478	5.742189	-71.68846	23.59390
0.500		0.2986529	0.5997395	7.252627	5.742189	87.47536	-16.39241
1.000		34.20645	-30.53555	-99.47984	5.742189	-88.83960	41.48495

LOADING 52

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-132.5245	14.16237	59.00764	3.304556	-67.85979	12.23431
0.500		-116.2867	-0.7477316	7.895494	3.304556	94.03669	-22.02424
1.000		-82.37893	-31.88303	-98.83698	3.304556	-79.54561	41.58088

LOADING 53

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-119.2855	15.33477	61.84924	5.717387	-90.94973	22.03016
0.500		-103.0477	0.4246668	10.73709	5.717387	83.02565	-17.21195
1.000		-69.13992	-30.71063	-95.99538	5.717387	-78.47777	41.40960

LOADING 54

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-128.9210	14.25617	59.33750	3.523410	-70.19178	13.20321
0.500		-112.6832	-0.6539344	8.225354	3.523410	93.10686	-21.45405
1.000		-78.77541	-31.78923	-98.50712	3.523410	-79.07330	41.75236

LOADING 55

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-122.8890	15.24097	61.51938	5.498532	-88.61774	21.06127
0.500		-106.6512	0.3308697	10.40723	5.498532	83.95549	-17.78214
1.000		-72.74343	-30.80442	-96.32525	5.498532	-78.95007	41.23811

LOADING 56

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-38.77639	14.77903	55.90745	3.808636	-52.05368	16.27384
0.500		-22.53859	-0.1310694	4.795296	3.808636	96.66464	-20.60598
1.000		11.36921	-31.26637	-101.9372	3.808636	-90.09581	40.37786

LOADING 57

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-25.53738	15.95143	58.74904	6.221467	-75.14362	26.06969
0.500		-9.299582	1.041329	7.636889	6.221467	85.65360	-15.79369
1.000		24.60822	-30.09397	-99.09559	6.221467	-89.02797	40.20657

LOADING 58

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-35.17287	14.87283	56.23730	4.027491	-54.38568	17.24274
0.500		-18.93507	-0.3727224E-01	5.125156	4.027491	95.73481	-20.03579
1.000		14.97273	-31.17257	-101.6073	4.027491	-89.62350	40.54934

LOADING 59

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-29.14090	15.85763	58.41917	6.002613	-72.81163	25.10080
0.500		-12.90310	0.9475319	7.307028	6.002613	86.58344	-16.36388
1.000		21.00470	-30.18776	-99.42544	6.002613	-89.50028	40.03510

LOADING 60

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-119.1187	13.11474	54.62370	0.7441412	-35.72635	2.671715
0.500		-102.8809	-1.795360	3.511554	0.7441412	107.5351	-27.13363
1.000		-68.97311	-32.93066	-103.2209	0.7441412	-84.68220	40.92469

LOADING 61

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-83.07321	13.09106	53.66100	0.7391110	-30.31062	2.979434
0.500		-66.83541	-1.819037	2.548854	0.7391110	108.8587	-26.72527
1.000		-32.92761	-32.95433	-104.1836	0.7391110	-87.45085	41.43370

LOADING 62

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-115.1582	13.01040	54.60738	0.6660140	-35.38940	2.219645
0.500		-98.92039	-1.899698	3.495234	0.6660140	107.8027	-27.14219
1.000		-65.01258	-33.03499	-103.2372	0.6660140	-84.48399	41.35965

LOADING 63

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-87.03374	13.19540	53.67732	0.8172382	-30.64756	3.431504
0.500		-70.79594	-1.714699	2.565174	0.8172382	108.5911	-26.71671
1.000		-36.88814	-32.84999	-104.1673	0.8172382	-87.64906	40.99874

LOADING 64

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-74.98869	17.02273	64.09567	8.786912	-112.6928	35.32457
0.500		-58.75089	2.112634	12.98353	8.786912	70.83163	-11.09267
1.000		-24.84309	-29.02266	-93.74895	8.786912	-81.12272	40.35376

LOADING 65

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-38.94320	16.99906	63.13298	8.781881	-107.2771	35.63229
0.500		-22.70540	2.088958	12.02083	8.781881	72.15517	-10.68431
1.000		11.20240	-29.04634	-94.71165	8.781881	-83.89137	40.86276

LOADING 66

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-71.02817	16.91840	64.07935	8.708785	-112.3558	34.87250
0.500		-54.79036	2.008297	12.96721	8.708785	71.09921	-11.10123
1.000		-20.88257	-29.12700	-93.76526	8.708785	-80.92451	40.78871

LOADING 67

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-42.90372	17.10340	63.14930	8.860009	-107.6140	36.08436
0.500		-26.66592	2.193295	12.03715	8.860009	71.88760	-10.67575
1.000		7.241876	-28.94200	-94.69532	8.860009	-84.08958	40.42780

LOADING 68

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-107.1070	13.42740	55.72324	1.473657	-43.49965	5.901373
0.500		-90.86918	-1.482703	4.611088	1.473657	104.4357	-25.23300
1.000		-56.96138	-32.61800	-102.1214	1.473657	-83.10783	41.49630

LOADING 69

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-71.06149	13.40372	54.76054	1.468627	-38.08392	6.209090
0.500		-54.82369	-1.506380	3.648388	1.468627	105.7592	-24.82464
1.000		-20.91589	-32.64167	-103.0841	1.468627	-85.87648	42.00531

LOADING 70

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-103.1465	13.32306	55.70692	1.395530	-43.16270	5.449302
0.500		-86.90866	-1.587041	4.594768	1.395530	104.7032	-25.24156
1.000		-53.00085	-32.72234	-102.1377	1.395530	-82.90962	41.93126

LOADING 71

DISTANCE FROM START		FORCE			MOMENT		
		AXIAL	Y SHEAR	Z SHEAR	TORSION	Y BENDING	Z BENDING
0.000	FR	-75.02201	13.50806	54.77686	1.546754	-38.42087	6.661161
0.500		-58.78421	-1.402042	3.664708	1.546754	105.4916	-24.81608
1.000		-24.87641	-32.53734	-103.0678	1.546754	-86.07468	41.57035

LOADING 72

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-87.00042	16.71008	62.99614	8.057397	-104.9195	32.09491
0.500		-70.76262	1.799977	11.88399	8.057397	73.93110	-12.99330
1.000		-36.85482	-29.33532	-94.84848	8.057397	-82.69709	39.78215

LOADING 73

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-50.95493	16.68640	62.03344	8.052366	-99.50376	32.40263
0.500		-34.71712	1.776301	10.92129	8.052366	75.25464	-12.58494
1.000		-0.8093241	-29.35899	-95.81117	8.052366	-85.46574	40.29116

LOADING 74

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-83.03989	16.60574	62.97982	7.979270	-104.5825	31.64284
0.500		-66.80209	1.695640	11.86767	7.979270	74.19868	-13.00186
1.000		-32.89429	-29.43966	-94.86480	7.979270	-82.49889	40.21711

LOADING 75

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-54.91545	16.79074	62.04976	8.130494	-99.84071	32.85470
0.500		-38.67765	1.880638	10.93761	8.130494	74.98706	-12.57638
1.000		-4.769850	-29.25466	-95.79486	8.130494	-85.66395	39.85620

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LOADING 1 G1 - PESI PROPRI STRUTTURALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-42.57068	-11.03565	42.91138	-3.500902	-48.80174	-13.35832
0.500		-30.40628	0.1341126	4.621183	-3.500902	64.83221	13.48988
1.000		-6.933083	21.68800	-69.26602	-3.500902	-59.95274	-29.21191

LOADING 2 G2 - SOVRACCARICHI PERMANENTI PORTATI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-36.45966	-4.021072	15.96700	-1.262125	-22.70013	-5.792745
0.500		-32.38626	-0.2807380	3.145056	-1.262125	25.01297	5.419285
1.000		-21.95166	9.300666	-29.70021	-1.262125	-24.33381	-11.68235

LOADING 3 Qk - SOVRACCARICHI ACCIDENTALI

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-7.861066	-1.126975	4.496580	-0.3315919	-6.674393	-1.686435
0.500		-6.729566	-0.8799352E-01	0.9349280	-0.3315919	6.839824	1.470571
1.000		-3.831066	2.573508	-8.188756	-0.3315919	-6.607038	-3.237332

LOADING 4 Qn - NEVE

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-9.813251	-1.752634	6.957418	-0.5930920	-9.167937	-2.436937
0.500		-8.002851	-0.9026327E-01	1.258775	-0.5930920	11.44692	2.399498
1.000		-3.365250	4.168139	-13.33912	-0.5930920	-11.07596	-5.347922

LOADING 5 Qv (+X) - VENTO IN DIREZIONE X, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-4.521984	0.9525335E-02	0.1174357	-0.9163017E-02	-0.5622240	0.9692487E-01
0.500		-4.521984	0.9525335E-02	0.1174357	-0.9163017E-02	-0.6303468E-01	0.5643509E-01
1.000		-4.521984	0.9525335E-02	0.1174357	-0.9163017E-02	0.4361546	0.1594529E-01

LOADING 6 Qv (-X) - VENTO IN DIREZIONE X, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	5.226019	-0.1733081E-01	-0.1918379	0.2663722E-01	0.8243367	-0.1483951
0.500		5.226019	-0.1733081E-01	-0.1918379	0.2663722E-01	0.8882206E-02	-0.7472622E-01
1.000		5.226019	-0.1733081E-01	-0.1918379	0.2663722E-01	-0.8065722	-0.1057343E-02

LOADING 7 Qv (+Y) - VENTO IN DIREZIONE Y, VERSO POSITIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-10.64018	-0.3194815	0.1558165	-0.3879790	-2.804025	-1.766516
0.500		-10.64018	-0.3194815	0.1558165	-0.3879790	-2.141688	-0.4084808
1.000		-10.64018	-0.3194815	0.1558165	-0.3879790	-1.479352	0.9495540

LOADING 8 Qv (-Y) - VENTO IN DIREZIONE Y, VERSO NEGATIVO

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	10.59214	0.3337529	-0.1834690	0.3848961	2.948431	1.829098
0.500		10.59214	0.3337529	-0.1834690	0.3848961	2.168551	0.4103985
1.000		10.59214	0.3337529	-0.1834690	0.3848961	1.388671	-1.008301

LOADING 9

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-125.9608	-22.57011	88.61053	-7.142389	-110.3460	-29.16651
0.500		-101.7966	-0.3817281	12.54827	-7.142389	135.5869	28.63818
1.000		-49.89048	47.28021	-150.8379	-7.142389	-127.3975	-62.01514

LOADING 10

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-117.1876	-22.59428	88.33218	-7.110168	-109.0981	-29.38730
0.500		-93.02337	-0.4058986	12.26993	-7.110168	135.6517	28.52014
1.000		-41.11728	47.25604	-151.1162	-7.110168	-128.5159	-62.03043

LOADING 11

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-131.4671	-22.86621	88.64507	-7.483323	-112.3636	-30.84361
0.500		-107.3029	-0.6778342	12.58282	-7.483323	133.7161	28.21976
1.000		-55.39686	46.98410	-150.8033	-7.483323	-129.1214	-61.17488

LOADING 12

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-112.3581	-22.27830	88.33971	-6.787735	-107.1864	-27.60756
0.500		-88.19386	-0.8992324E-01	12.27746	-6.787735	137.5954	28.95675
1.000		-36.28778	47.57201	-151.1087	-6.787735	-126.5402	-62.93695

LOADING 13

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-121.5291	-22.19412	87.08372	-7.089820	-107.2103	-28.46456
0.500		-97.70436	-0.3174352	12.08996	-7.089820	133.9124	28.23195
1.000		-46.66782	46.54605	-148.5591	-7.089820	-125.7939	-61.17008

LOADING 14

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-112.7559	-22.21829	86.80537	-7.057600	-105.9624	-28.68535
0.500		-88.93115	-0.3416058	11.81162	-7.057600	133.9771	28.11390
1.000		-37.89462	46.52188	-148.8374	-7.057600	-126.9124	-61.18538

LOADING 15

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-127.0355	-22.49023	87.11826	-7.430754	-109.2280	-30.14166
0.500		-103.2107	-0.6135413	12.12451	-7.430754	132.0416	27.81353
1.000		-52.17420	46.24994	-148.5246	-7.430754	-127.5179	-60.32983

LOADING 16

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-107.9264	-21.90232	86.81290	-6.735167	-104.0508	-26.90560
0.500		-84.10165	-0.2563040E-01	11.81915	-6.735167	135.9208	28.55052
1.000		-33.06511	46.83785	-148.8299	-6.735167	-124.9366	-62.09190

LOADING 17

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-116.8824	-20.87393	81.93612	-6.650499	-100.6717	-26.57870
0.500		-94.41541	-0.2440226	11.21634	-6.650499	125.2894	26.46619
1.000		-46.85707	43.42566	-138.4843	-6.650499	-117.2252	-57.14957

LOADING 18

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-102.2603	-20.91422	81.47221	-6.596798	-98.59187	-26.94668
0.500		-79.79340	-0.2843068	10.75243	-6.596798	125.3972	26.26945
1.000		-32.23507	43.38538	-138.9482	-6.596798	-119.0893	-57.17507

LOADING 19

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-126.0596	-21.36744	81.99369	-7.218723	-104.0344	-29.37386
0.500		-103.5927	-0.7375328	11.27392	-7.218723	122.1714	25.76882
1.000		-56.03437	42.93215	-138.4267	-7.218723	-120.0985	-55.74915

LOADING 20

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-94.21117	-20.38759	81.48476	-6.059410	-95.40574	-23.98044
0.500		-71.74423	0.2423188	10.76499	-6.059410	128.6368	26.99713
1.000		-24.18589	43.91200	-138.9356	-6.059410	-115.7965	-58.68594

LOADING 21

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-94.51122	-17.05430	66.92414	-5.396663	-83.09756	-21.99782
0.500		-76.23672	-0.2740355	9.401015	-5.396663	102.3706	21.61335
1.000		-37.11162	35.65196	-113.7541	-5.396663	-96.16988	-46.79599

LOADING 22

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-88.66242	-17.07042	66.73857	-5.375183	-82.26562	-22.14501
0.500		-70.38792	-0.2901492	9.215451	-5.375183	102.4138	21.53465
1.000		-31.26282	35.63585	-113.9397	-5.375183	-96.91550	-46.80619

LOADING 23

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-98.18214	-17.25171	66.94717	-5.623952	-84.44265	-23.11588
0.500		-79.90765	-0.4714395	9.424044	-5.623952	101.1235	21.33440
1.000		-40.78254	35.45456	-113.7311	-5.623952	-97.31918	-46.23582

LOADING 24

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-85.44275	-16.85977	66.74360	-5.160228	-80.99117	-20.95851
0.500		-67.16825	-0.7949889E-01	9.220472	-5.160228	103.7096	21.82572
1.000		-28.04315	35.84650	-113.9346	-5.160228	-95.59837	-47.41054

LOADING 25

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-91.55678	-16.80364	65.90627	-5.361617	-81.00714	-21.52985
0.500		-73.50858	-0.2311736	9.095475	-5.361617	101.2543	21.34253
1.000		-34.96318	35.16252	-112.2349	-5.361617	-95.10081	-46.23262

LOADING 26

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-85.70798	-16.81976	65.72070	-5.340137	-80.17520	-21.67704
0.500		-67.65977	-0.2472873	8.909911	-5.340137	101.2974	21.26383
1.000		-29.11438	35.14641	-112.4205	-5.340137	-95.84644	-46.24282

LOADING 27

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-95.22770	-17.00105	65.92930	-5.588906	-82.35223	-22.64791
0.500		-77.17950	-0.4285777	9.118504	-5.588906	100.0071	21.06357
1.000		-38.63410	34.96512	-112.2119	-5.588906	-96.25011	-45.67245

LOADING 28

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-82.48830	-16.60911	65.72572	-5.125181	-78.90075	-20.49055
0.500		-64.44011	-0.3663699E-01	8.914932	-5.125181	102.5932	21.55490
1.000		-25.89471	35.35706	-112.4154	-5.125181	-94.52930	-46.84717

LOADING 29

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-88.45895	-15.92352	62.47453	-5.068736	-76.64806	-20.27261
0.500		-71.31595	-0.1822318	8.513062	-5.068736	95.50561	20.16535
1.000		-35.08935	33.08226	-105.5184	-5.068736	-89.38837	-43.55228

LOADING 30

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-78.71095	-15.95037	62.16526	-5.032936	-75.26151	-20.51793
0.500		-61.56795	-0.2090879	8.203789	-5.032936	95.57752	20.03419
1.000		-25.34134	33.05541	-105.8276	-5.032936	-90.63110	-43.56928

LOADING 31

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-94.57715	-16.25252	62.51291	-5.447552	-78.88986	-22.13605
0.500		-77.43414	-0.5112386	8.551442	-5.447552	93.42696	19.70043
1.000		-41.20754	32.75326	-105.4800	-5.447552	-91.30388	-42.61867

LOADING 32

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-73.34483	-15.59929	62.17363	-4.674677	-73.13741	-18.54044
0.500		-56.20183	0.1419958	8.212157	-4.674677	97.73719	20.51931
1.000		-19.97523	33.40649	-105.8193	-4.674677	-88.43584	-44.57653

LOADING 33

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-79.03033	-15.05673	58.87839	-4.763027	-71.50187	-19.15107
0.500		-62.79254	-0.1466255	7.766239	-4.763027	89.84518	18.90916
1.000		-28.88474	30.98867	-98.96623	-4.763027	-84.28654	-40.89426

LOADING 34

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-80.99299	-15.40725	60.26987	-4.881646	-73.33546	-19.63846
0.500		-64.39311	-0.1646782	8.017994	-4.881646	92.13456	19.38906
1.000		-29.55779	31.82230	-101.6341	-4.881646	-86.50173	-41.96385

LOADING 35

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-79.93474	-15.05482	58.90188	-4.764860	-71.61431	-19.13168
0.500		-63.69694	-0.1447204	7.789726	-4.764860	89.83257	18.92045
1.000		-29.78913	30.99057	-98.94275	-4.764860	-84.19931	-40.89108

LOADING 36

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-77.98513	-15.06019	58.84002	-4.757699	-71.33701	-19.18075
0.500		-61.74734	-0.1500917	7.727871	-4.757699	89.84696	18.89422
1.000		-27.83953	30.98520	-99.00459	-4.757699	-84.44786	-40.89448

LOADING 37

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-81.15838	-15.12062	58.90955	-4.840623	-72.06268	-19.50437
0.500		-64.92058	-0.2105218	7.797402	-4.840623	89.41685	18.82747
1.000		-31.01278	30.92477	-98.93507	-4.840623	-84.58242	-40.70436

LOADING 38

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-76.91191	-14.98997	58.84169	-4.686048	-70.91219	-18.78525
0.500		-60.67411	-0.7987491E-01	7.729545	-4.686048	90.27889	18.99125
1.000		-26.76631	31.05542	-99.00293	-4.686048	-84.00880	-41.09592

LOADING 39

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-79.03033	-15.05673	58.87839	-4.763027	-71.50187	-19.15107
0.500		-62.79254	-0.1466255	7.766239	-4.763027	89.84518	18.90916
1.000		-28.88474	30.98867	-98.96623	-4.763027	-84.28654	-40.89426

LOADING 40 EX + ey: SISMA X positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-46.89016	0.3006583	1.551472	0.2512110	-7.913335	1.976122
0.500		-46.89016	0.3006583	1.551472	0.2512110	-1.318418	0.6980994
1.000		-46.89016	0.3006583	1.551472	0.2512110	5.276499	-0.5799229

LOADING 41 EX - ey: SISMA X positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-60.11359	-0.4259656E-01	1.600165	-0.5800959E-02	-8.998553	0.4955606
0.500		-60.11359	-0.4259656E-01	1.600165	-0.5800959E-02	-2.196657	0.6766278
1.000		-60.11359	-0.4259656E-01	1.600165	-0.5800959E-02	4.605239	0.8576950

LOADING 42 EY + ex: SISMA Y positivo, eccentricità positiva

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	21.53666	-1.901350	4.639473	-3.960870	-37.82563	-16.01674
0.500		21.53666	-1.901350	4.639473	-3.960870	-18.10440	-7.934581
1.000		21.53666	-1.901350	4.639473	-3.960870	1.616826	0.1475776

LOADING 43 EY - ex: SISMA Y positivo, eccentricità negativa

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	9.575698	-1.600076	3.559028	-3.243572	-30.18492	-12.85340
0.500		9.575698	-1.600076	3.559028	-3.243572	-15.05639	-6.051878
1.000		9.575698	-1.600076	3.559028	-3.243572	0.7214076E-01	0.7496403

LOADING 44

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-119.4595	-15.32647	61.82170	-5.700077	-90.76289	-21.97997
0.500		-103.2217	-0.4163723	10.70955	-5.700077	83.09545	17.22689
1.000		-69.31390	30.71892	-96.02292	-5.700077	-78.52500	-41.42991

LOADING 45

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-132.3815	-14.18566	59.03802	-3.323555	-68.06751	-12.36992
0.500		-116.1437	0.7244378	7.925869	-3.323555	93.95809	21.98764
1.000		-82.23591	31.85973	-98.80659	-3.323555	-79.49509	-41.51846

LOADING 46

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-123.0478	-15.23609	61.49757	-5.484888	-88.47068	-21.03097
0.500		-106.8100	-0.3259901	10.38542	-5.484888	84.00986	17.79170
1.000		-72.90219	30.80931	-96.34705	-5.484888	-78.98840	-41.24929

LOADING 47

DISTANCE		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-128.7932	-14.27604	59.36215	-3.538744	-70.35973	-13.31893
0.500		-112.5554	0.6340556	8.250003	-3.538744	93.04369	21.42283
1.000		-78.64761	31.76935	-98.48247	-3.538744	-79.03168	-41.69908

LOADING 48

DISTANCE		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-25.67918	-15.92779	58.71876	-6.202499	-74.93623	-25.93221
0.500		-9.441380	-1.017689	7.606608	-6.202499	85.73228	15.83069
1.000		24.46642	30.11761	-99.12586	-6.202499	-89.07800	-40.27007

LOADING 49

DISTANCE		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-38.60118	-14.78698	55.93507	-3.825977	-52.24085	-16.32217
0.500		-22.36337	0.1231213	4.822925	-3.825977	96.59492	20.59144
1.000		11.54443	31.25842	-101.9095	-3.825977	-90.04810	-40.35862

LOADING 50

DISTANCE		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-29.26747	-15.83741	58.39462	-5.987310	-72.64401	-24.98321
0.500		-13.02967	-0.9273067	7.282475	-5.987310	86.64668	16.39550
1.000		20.87813	30.20799	-99.45000	-5.987310	-89.54140	-40.08945

LOADING 51

DISTANCE		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-35.01289	-14.87736	56.25921	-4.041166	-54.53305	-17.27117
0.500		-18.77509	0.3273909E-01	5.147058	-4.041166	95.68052	20.02663
1.000		15.13271	31.16803	-101.5854	-4.041166	-89.58469	-40.53923

LOADING 52

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-132.6829	-15.66973	61.87040	-5.957089	-91.84811	-23.46053
0.500		-116.4451	-0.7596271	10.75825	-5.957089	82.21721	17.20542
1.000		-82.53734	30.37567	-95.97423	-5.957089	-79.19626	-39.99230

LOADING 53

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-145.6049	-14.52892	59.08671	-3.580567	-69.15274	-13.85049
0.500		-129.3671	0.3811830	7.974562	-3.580567	93.07984	21.96617
1.000		-95.45934	31.51648	-98.75791	-3.580567	-80.16635	-40.08084

LOADING 54

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-136.2712	-15.57935	61.54626	-5.741900	-89.55590	-22.51153
0.500		-120.0334	-0.6692449	10.43411	-5.741900	83.13161	17.77023
1.000		-86.12563	30.46605	-96.29836	-5.741900	-79.65967	-39.81168

LOADING 55

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-142.0166	-14.61930	59.41085	-3.795757	-71.44495	-14.79949
0.500		-125.7788	0.2908008	8.298696	-3.795757	92.16544	21.40136
1.000		-91.87105	31.42609	-98.43378	-3.795757	-79.70295	-40.26146

LOADING 56

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-12.45575	-15.58453	58.67007	-5.945487	-73.85101	-24.45165
0.500		3.782054	-0.6744340	7.557916	-5.945487	86.61053	15.85216
1.000		37.68985	30.46086	-99.17456	-5.945487	-88.40673	-41.70769

LOADING 57

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-25.37774	-14.44372	55.88638	-3.568965	-51.15563	-14.84161
0.500		-9.139942	0.4663761	4.774232	-3.568965	97.47316	20.61291
1.000		24.76786	31.60167	-101.9582	-3.568965	-89.37683	-41.79623

LOADING 58

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-16.04403	-15.49415	58.34593	-5.730298	-71.55878	-23.50265
0.500		0.1937655	-0.5840518	7.233782	-5.730298	87.52493	16.41698
1.000		34.10157	30.55124	-99.49869	-5.730298	-88.87014	-41.52707

LOADING 59

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-21.78946	-14.53411	56.21052	-3.784154	-53.44785	-15.79061
0.500		-5.551653	0.3759939	5.098366	-3.784154	96.55876	20.04810
1.000		28.35615	31.51129	-101.6341	-3.784154	-88.91342	-41.97686

LOADING 60

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-71.56073	-16.86788	63.98330	-8.648534	-111.7015	-34.57497
0.500		-55.32293	-1.957778	12.87115	-8.648534	71.34526	11.18401
1.000		-21.41513	29.17752	-93.86131	-8.648534	-81.08676	-40.92067

LOADING 61

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-43.42663	-17.04827	63.05242	-8.799261	-106.9535	-35.76064
0.500		-27.18883	-2.138173	11.94027	-8.799261	72.13631	10.76515
1.000		6.718969	28.99712	-94.79220	-8.799261	-84.25267	-40.57271

LOADING 62

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-75.52776	-16.97085	63.99791	-8.725637	-112.0271	-35.01914
0.500		-59.28996	-2.060755	12.88576	-8.725637	71.08179	11.17757
1.000		-25.38216	29.07454	-93.84671	-8.725637	-81.28815	-40.48938

LOADING 63

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-39.45960	-16.94530	63.03781	-8.722157	-106.6279	-35.31647
0.500		-23.22180	-2.035197	11.92566	-8.722157	72.39978	10.77160
1.000		10.68600	29.10010	-94.80682	-8.722157	-84.05129	-41.00400

LOADING 64

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-114.6340	-13.06518	54.70436	-0.7267938	-36.05025	-2.541492
0.500		-98.39625	1.844922	3.592208	-0.7267938	107.5541	27.05318
1.000		-64.48845	32.98022	-103.1403	-0.7267938	-84.32042	-41.21582

LOADING 65

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-86.49995	-13.24557	53.77347	-0.8775204	-31.30224	-3.727165
0.500		-70.26215	1.664527	2.661324	-0.8775204	108.3451	26.63432
1.000		-36.35435	32.79982	-104.0711	-0.8775204	-87.48632	-40.86787

LOADING 66

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-118.6011	-13.16815	54.71896	-0.8038973	-36.37581	-2.985661
0.500		-102.3633	1.741946	3.606816	-0.8038973	107.2906	27.04673
1.000		-68.45548	32.87724	-103.1257	-0.8038973	-84.52180	-40.78454

LOADING 67

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-82.53292	-13.14260	53.75887	-0.8004168	-30.97668	-3.282997
0.500		-66.29512	1.767504	2.646717	-0.8004168	108.6086	26.64076
1.000		-32.38732	32.90280	-104.0858	-0.8004168	-87.28494	-41.29915

LOADING 68

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-83.52169	-16.56660	62.90285	-7.931237	-104.0608	-31.41163
0.500		-67.28389	-1.656504	11.79071	-7.931237	74.39327	13.06672
1.000		-33.37609	29.47879	-94.94176	-7.931237	-82.63145	-40.31860

LOADING 69

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-55.38759	-16.74700	61.97197	-8.081963	-99.31278	-32.59730
0.500		-39.14979	-1.836899	10.85983	-8.081963	75.18432	12.64786
1.000		-5.241992	29.29840	-95.87265	-8.081963	-85.79735	-39.97065

LOADING 70

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-87.48872	-16.66958	62.91747	-8.008340	-104.3864	-31.85579
0.500		-71.25092	-1.759480	11.80532	-8.008340	74.12979	13.06027
1.000		-37.34312	29.37581	-94.92716	-8.008340	-82.83283	-39.88732

LOADING 71

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
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0.000	FR	-51.42056	-16.64402	61.95737	-8.004859	-98.98722	-32.15313
0.500		-35.18276	-1.733923	10.84522	-8.004859	75.44779	12.65430
1.000		-1.274962	29.40137	-95.88725	-8.004859	-85.59598	-40.40193

LOADING 72

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-102.6731	-13.36645	55.78480	-1.444092	-43.69096	-5.704834
0.500		-86.43529	1.543648	4.672653	-1.444092	104.5061	25.17048
1.000		-52.52749	32.67894	-102.0598	-1.444092	-82.77573	-41.81788

LOADING 73

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-74.53899	-13.54685	54.85392	-1.594818	-38.94295	-6.890507
0.500		-58.30119	1.363253	3.741769	-1.594818	105.2971	24.75162
1.000		-24.39339	32.49855	-102.9907	-1.594818	-85.94163	-41.46993

LOADING 74

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-106.6401	-13.46943	55.79941	-1.521196	-44.01652	-6.149003
0.500		-90.40232	1.440672	4.687260	-1.521196	104.2426	25.16403
1.000		-56.49451	32.57597	-102.0452	-1.521196	-82.97712	-41.38660

LOADING 75

DISTANCE FROM START		AXIAL	FORCE Y SHEAR	Z SHEAR	TORSION	MOMENT Y BENDING	Z BENDING
0.000	FR	-70.57196	-13.44387	54.83931	-1.517715	-38.61739	-6.446339
0.500		-54.33416	1.466230	3.727161	-1.517715	105.5606	24.75805
1.000		-20.42636	32.60152	-103.0053	-1.517715	-85.74026	-41.90121

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1
{ 663} > OUTPUT DECIMAL 5
{ 664} > LIST DISP ALL
1

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RESULTS OF LATEST ANALYSES

PROBLEM - SSE_26+2 TITLE - NONE GIVEN

ACTIVE UNITS M KN RAD DEGF SEC

RESULTANT JOINT DISPLACEMENTS SUPPORTS

JOINT	LOADING	/-----DISPLACEMENT-----//			-----ROTATION-----/		
		X DISP.	Y DISP.	Z DISP.	X ROT.	Y ROT.	Z ROT.
1	GLOBAL						
	1	0.00000	0.00000	-0.00438	0.00012	-0.00006	0.00000
	2	0.00000	0.00000	-0.00357	0.00003	0.00002	0.00000
	3	0.00000	0.00000	-0.00016	0.00001	0.00000	0.00000
	4	0.00000	0.00000	-0.00033	0.00001	-0.00001	0.00000
	5	0.00000	0.00000	0.00004	-0.00001	0.00000	0.00000
	6	0.00000	0.00000	-0.00004	0.00000	-0.00001	0.00000
	7	0.00000	0.00000	0.00021	-0.00005	0.00003	0.00000
	8	0.00000	0.00000	-0.00021	0.00005	-0.00003	0.00000
	9	0.00000	0.00000	-0.01079	0.00021	-0.00005	0.00000
	10	0.00000	0.00000	-0.01086	0.00022	-0.00006	0.00000
	11	0.00000	0.00000	-0.01064	0.00017	-0.00003	0.00000
	12	0.00000	0.00000	-0.01102	0.00026	-0.00007	0.00000
	13	0.00000	0.00000	-0.01081	0.00021	-0.00005	0.00000
	14	0.00000	0.00000	-0.01088	0.00022	-0.00006	0.00000
	15	0.00000	0.00000	-0.01065	0.00017	-0.00003	0.00000
	16	0.00000	0.00000	-0.01103	0.00026	-0.00008	0.00000
	17	0.00000	0.00000	-0.01054	0.00019	-0.00004	0.00000
	18	0.00000	0.00000	-0.01065	0.00021	-0.00006	0.00000
	19	0.00000	0.00000	-0.01028	0.00013	-0.00001	0.00000
	20	0.00000	0.00000	-0.01091	0.00027	-0.00009	0.00000
	21	0.00000	0.00000	-0.00826	0.00016	-0.00004	0.00000
	22	0.00000	0.00000	-0.00830	0.00017	-0.00004	0.00000
	23	0.00000	0.00000	-0.00815	0.00013	-0.00002	0.00000
	24	0.00000	0.00000	-0.00840	0.00019	-0.00005	0.00000
	25	0.00000	0.00000	-0.00827	0.00016	-0.00004	0.00000
	26	0.00000	0.00000	-0.00831	0.00017	-0.00004	0.00000
	27	0.00000	0.00000	-0.00816	0.00013	-0.00002	0.00000
	28	0.00000	0.00000	-0.00841	0.00019	-0.00006	0.00000
	29	0.00000	0.00000	-0.00809	0.00015	-0.00003	0.00000
	30	0.00000	0.00000	-0.00816	0.00016	-0.00004	0.00000
	31	0.00000	0.00000	-0.00791	0.00011	-0.00001	0.00000
	32	0.00000	0.00000	-0.00833	0.00020	-0.00006	0.00000

33	0.00000	0.00000	-0.00795	0.00015	-0.00003	0.00000
34	0.00000	0.00000	-0.00802	0.00015	-0.00004	0.00000
35	0.00000	0.00000	-0.00795	0.00015	-0.00003	0.00000
36	0.00000	0.00000	-0.00796	0.00015	-0.00004	0.00000
37	0.00000	0.00000	-0.00791	0.00014	-0.00003	0.00000
38	0.00000	0.00000	-0.00800	0.00016	-0.00004	0.00000
39	0.00000	0.00000	-0.00795	0.00015	-0.00003	0.00000
40	0.00000	0.00000	0.00086	-0.00007	0.00012	0.00000
41	0.00000	0.00000	0.00083	-0.00006	0.00011	0.00000
42	0.00000	0.00000	0.00165	-0.00039	0.00016	0.00000
43	0.00000	0.00000	0.00198	-0.00047	0.00020	0.00000
44	0.00000	0.00000	-0.00660	-0.00004	0.00014	0.00000
45	0.00000	0.00000	-0.00759	0.00019	0.00004	0.00000
46	0.00000	0.00000	-0.00650	-0.00007	0.00015	0.00000
47	0.00000	0.00000	-0.00768	0.00021	0.00003	0.00000
48	0.00000	0.00000	-0.00832	0.00011	-0.00011	0.00000
49	0.00000	0.00000	-0.00931	0.00034	-0.00021	0.00000
50	0.00000	0.00000	-0.00823	0.00008	-0.00010	0.00000
51	0.00000	0.00000	-0.00941	0.00036	-0.00022	0.00000
52	0.00000	0.00000	-0.00663	-0.00003	0.00013	0.00000
53	0.00000	0.00000	-0.00762	0.00020	0.00003	0.00000
54	0.00000	0.00000	-0.00653	-0.00006	0.00014	0.00000
55	0.00000	0.00000	-0.00772	0.00022	0.00002	0.00000
56	0.00000	0.00000	-0.00829	0.00009	-0.00010	0.00000
57	0.00000	0.00000	-0.00928	0.00033	-0.00019	0.00000
58	0.00000	0.00000	-0.00819	0.00007	-0.00009	0.00000
59	0.00000	0.00000	-0.00938	0.00035	-0.00020	0.00000
60	0.00000	0.00000	-0.00604	-0.00026	0.00017	0.00000
61	0.00000	0.00000	-0.00656	-0.00022	0.00009	0.00000
62	0.00000	0.00000	-0.00605	-0.00026	0.00016	0.00000
63	0.00000	0.00000	-0.00655	-0.00022	0.00010	0.00000
64	0.00000	0.00000	-0.00935	0.00051	-0.00016	0.00000
65	0.00000	0.00000	-0.00987	0.00056	-0.00023	0.00000
66	0.00000	0.00000	-0.00936	0.00052	-0.00016	0.00000
67	0.00000	0.00000	-0.00986	0.00055	-0.00023	0.00000
68	0.00000	0.00000	-0.00572	-0.00034	0.00020	0.00000
69	0.00000	0.00000	-0.00624	-0.00030	0.00013	0.00000
70	0.00000	0.00000	-0.00573	-0.00034	0.00020	0.00000
71	0.00000	0.00000	-0.00623	-0.00030	0.00013	0.00000
72	0.00000	0.00000	-0.00967	0.00059	-0.00020	0.00000
73	0.00000	0.00000	-0.01019	0.00064	-0.00027	0.00000
74	0.00000	0.00000	-0.00968	0.00060	-0.00020	0.00000
75	0.00000	0.00000	-0.01018	0.00064	-0.00027	0.00000

2

GLOBAL

1	0.00000	0.00000	-0.00432	0.00008	0.00001	0.00000
2	0.00000	0.00000	-0.00374	0.00002	0.00002	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00034	0.00001	0.00000	0.00000
5	0.00000	0.00000	0.00002	0.00000	0.00001	0.00000
6	0.00000	0.00000	-0.00001	0.00000	-0.00001	0.00000

7	0.00000	0.00000	0.00007	-0.00002	0.00001	0.00000
8	0.00000	0.00000	-0.00008	0.00002	-0.00001	0.00000
9	0.00001	0.00000	-0.01098	0.00013	0.00004	0.00000
10	0.00000	0.00000	-0.01100	0.00013	0.00003	0.00000
11	0.00000	0.00000	-0.01092	0.00012	0.00004	0.00000
12	0.00000	0.00000	-0.01106	0.00015	0.00003	0.00000
13	0.00001	0.00000	-0.01097	0.00013	0.00004	0.00000
14	0.00000	0.00000	-0.01100	0.00014	0.00003	0.00000
15	0.00000	0.00000	-0.01092	0.00012	0.00004	0.00000
16	0.00000	0.00000	-0.01106	0.00015	0.00002	0.00000
17	0.00001	0.00000	-0.01071	0.00013	0.00004	0.00000
18	0.00000	0.00000	-0.01076	0.00013	0.00002	0.00000
19	0.00000	0.00000	-0.01063	0.00010	0.00005	0.00000
20	0.00000	0.00000	-0.01085	0.00016	0.00002	0.00000
21	0.00000	0.00000	-0.00839	0.00010	0.00003	0.00000
22	0.00000	0.00000	-0.00841	0.00010	0.00002	0.00000
23	0.00000	0.00000	-0.00836	0.00009	0.00003	0.00000
24	0.00000	0.00000	-0.00845	0.00011	0.00002	0.00000
25	0.00000	0.00000	-0.00839	0.00010	0.00003	0.00000
26	0.00000	0.00000	-0.00841	0.00010	0.00002	0.00000
27	0.00000	0.00000	-0.00836	0.00009	0.00003	0.00000
28	0.00000	0.00000	-0.00845	0.00011	0.00002	0.00000
29	0.00001	0.00000	-0.00822	0.00010	0.00003	0.00000
30	0.00000	0.00000	-0.00825	0.00010	0.00002	0.00000
31	0.00000	0.00000	-0.00816	0.00008	0.00004	0.00000
32	0.00000	0.00000	-0.00831	0.00012	0.00001	0.00000
33	0.00000	0.00000	-0.00807	0.00010	0.00002	0.00000
34	0.00000	0.00000	-0.00813	0.00010	0.00002	0.00000
35	0.00000	0.00000	-0.00806	0.00009	0.00002	0.00000
36	0.00000	0.00000	-0.00807	0.00010	0.00002	0.00000
37	0.00000	0.00000	-0.00805	0.00009	0.00003	0.00000
38	0.00000	0.00000	-0.00808	0.00010	0.00002	0.00000
39	0.00000	0.00000	-0.00807	0.00010	0.00002	0.00000
40	0.00008	0.00000	0.00025	-0.00003	0.00011	0.00000
41	0.00009	0.00000	0.00029	-0.00004	0.00012	0.00000
42	0.00000	0.00000	0.00085	-0.00019	0.00007	0.00000
43	0.00000	0.00000	0.00098	-0.00022	0.00009	0.00000
44	0.00008	0.00000	-0.00756	0.00000	0.00016	0.00000
45	0.00008	0.00000	-0.00807	0.00012	0.00012	0.00000
46	0.00008	0.00000	-0.00752	-0.00001	0.00016	0.00000
47	0.00008	0.00000	-0.00811	0.00013	0.00011	0.00000
48	-0.00007	0.00000	-0.00806	0.00007	-0.00007	0.00000
49	-0.00008	0.00000	-0.00857	0.00019	-0.00011	0.00000
50	-0.00007	0.00000	-0.00802	0.00006	-0.00006	0.00000
51	-0.00007	0.00000	-0.00861	0.00020	-0.00012	0.00000
52	0.00009	0.00000	-0.00752	0.00000	0.00016	0.00000
53	0.00009	0.00000	-0.00803	0.00011	0.00012	0.00000
54	0.00009	0.00000	-0.00748	-0.00001	0.00017	0.00000
55	0.00009	0.00000	-0.00807	0.00012	0.00012	0.00000
56	-0.00008	0.00000	-0.00810	0.00008	-0.00007	0.00000

57	-0.00009	0.00000	-0.00861	0.00019	-0.00012	0.00000
58	-0.00009	0.00000	-0.00806	0.00007	-0.00007	0.00000
59	-0.00008	0.00000	-0.00865	0.00020	-0.00012	0.00000
60	0.00003	0.00000	-0.00714	-0.00011	0.00013	0.00000
61	-0.00002	0.00000	-0.00729	-0.00008	0.00006	0.00000
62	0.00003	0.00000	-0.00713	-0.00011	0.00013	0.00000
63	-0.00002	0.00000	-0.00730	-0.00008	0.00006	0.00000
64	0.00002	0.00000	-0.00884	0.00027	-0.00001	0.00000
65	-0.00002	0.00000	-0.00899	0.00030	-0.00008	0.00000
66	0.00002	0.00000	-0.00883	0.00027	-0.00001	0.00000
67	-0.00003	0.00000	-0.00900	0.00030	-0.00008	0.00000
68	0.00002	0.00000	-0.00701	-0.00014	0.00014	0.00000
69	-0.00002	0.00000	-0.00716	-0.00011	0.00008	0.00000
70	0.00003	0.00000	-0.00700	-0.00014	0.00015	0.00000
71	-0.00003	0.00000	-0.00717	-0.00011	0.00008	0.00000
72	0.00003	0.00000	-0.00897	0.00031	-0.00003	0.00000
73	-0.00002	0.00000	-0.00912	0.00033	-0.00010	0.00000
74	0.00003	0.00000	-0.00896	0.00030	-0.00003	0.00000
75	-0.00002	0.00000	-0.00913	0.00033	-0.00010	0.00000

3

GLOBAL

1	0.00000	0.00000	-0.00430	0.00009	0.00000	0.00000
2	0.00000	0.00000	-0.00378	0.00002	0.00000	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00034	0.00001	0.00000	0.00000
5	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
6	-0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00005	-0.00001	0.00000	0.00000
8	0.00000	0.00000	-0.00005	0.00001	0.00000	0.00000
9	0.00001	0.00000	-0.01103	0.00015	0.00000	0.00000
10	0.00000	0.00000	-0.01103	0.00015	0.00000	0.00000
11	0.00001	0.00000	-0.01099	0.00014	0.00000	0.00000
12	0.00001	0.00000	-0.01107	0.00017	0.00000	0.00000
13	0.00001	0.00000	-0.01102	0.00016	0.00000	0.00000
14	0.00000	0.00000	-0.01102	0.00016	0.00000	0.00000
15	0.00001	0.00000	-0.01098	0.00015	0.00000	0.00000
16	0.00001	0.00000	-0.01107	0.00017	0.00000	0.00000
17	0.00002	0.00000	-0.01077	0.00015	0.00001	0.00000
18	0.00000	0.00000	-0.01076	0.00015	-0.00001	0.00000
19	0.00001	0.00000	-0.01070	0.00013	0.00000	0.00000
20	0.00000	0.00000	-0.01084	0.00017	0.00000	0.00000
21	0.00001	0.00000	-0.00843	0.00012	0.00000	0.00000
22	0.00000	0.00000	-0.00843	0.00012	0.00000	0.00000
23	0.00000	0.00000	-0.00840	0.00011	0.00000	0.00000
24	0.00000	0.00000	-0.00846	0.00013	0.00000	0.00000
25	0.00001	0.00000	-0.00842	0.00012	0.00000	0.00000
26	0.00000	0.00000	-0.00842	0.00012	0.00000	0.00000
27	0.00000	0.00000	-0.00840	0.00011	0.00000	0.00000
28	0.00000	0.00000	-0.00846	0.00013	0.00000	0.00000
29	0.00001	0.00000	-0.00826	0.00011	0.00000	0.00000
30	0.00000	0.00000	-0.00825	0.00011	0.00000	0.00000

31	0.00000	0.00000	-0.00821	0.00010	0.00000	0.00000
32	0.00000	0.00000	-0.00831	0.00013	0.00000	0.00000
33	0.00000	0.00000	-0.00809	0.00011	0.00000	0.00000
34	0.00000	0.00000	-0.00816	0.00011	0.00000	0.00000
35	0.00001	0.00000	-0.00809	0.00011	0.00000	0.00000
36	0.00000	0.00000	-0.00809	0.00011	0.00000	0.00000
37	0.00000	0.00000	-0.00808	0.00011	0.00000	0.00000
38	0.00000	0.00000	-0.00810	0.00011	0.00000	0.00000
39	0.00000	0.00000	-0.00809	0.00011	0.00000	0.00000
40	0.00013	0.00000	-0.00001	0.00000	0.00007	0.00000
41	0.00015	0.00000	-0.00001	0.00000	0.00008	0.00000
42	0.00001	0.00000	0.00066	-0.00015	-0.00001	0.00000
43	0.00000	0.00000	0.00066	-0.00015	0.00001	0.00000
44	0.00013	0.00000	-0.00790	0.00006	0.00007	0.00000
45	0.00013	0.00000	-0.00829	0.00016	0.00007	0.00000
46	0.00013	0.00000	-0.00790	0.00006	0.00007	0.00000
47	0.00013	0.00000	-0.00829	0.00016	0.00007	0.00000
48	-0.00012	0.00000	-0.00788	0.00006	-0.00007	0.00000
49	-0.00013	0.00000	-0.00828	0.00015	-0.00007	0.00000
50	-0.00012	0.00000	-0.00788	0.00006	-0.00007	0.00000
51	-0.00012	0.00000	-0.00828	0.00015	-0.00007	0.00000
52	0.00015	0.00000	-0.00790	0.00006	0.00008	0.00000
53	0.00015	0.00000	-0.00829	0.00016	0.00009	0.00000
54	0.00015	0.00000	-0.00790	0.00006	0.00009	0.00000
55	0.00015	0.00000	-0.00829	0.00016	0.00008	0.00000
56	-0.00014	0.00000	-0.00788	0.00006	-0.00009	0.00000
57	-0.00015	0.00000	-0.00828	0.00015	-0.00008	0.00000
58	-0.00014	0.00000	-0.00788	0.00006	-0.00008	0.00000
59	-0.00014	0.00000	-0.00828	0.00015	-0.00009	0.00000
60	0.00005	0.00000	-0.00743	-0.00004	0.00001	0.00000
61	-0.00002	0.00000	-0.00743	-0.00004	-0.00003	0.00000
62	0.00006	0.00000	-0.00743	-0.00004	0.00002	0.00000
63	-0.00003	0.00000	-0.00743	-0.00004	-0.00003	0.00000
64	0.00003	0.00000	-0.00875	0.00026	0.00003	0.00000
65	-0.00004	0.00000	-0.00875	0.00026	-0.00001	0.00000
66	0.00004	0.00000	-0.00875	0.00026	0.00003	0.00000
67	-0.00005	0.00000	-0.00875	0.00026	-0.00002	0.00000
68	0.00004	0.00000	-0.00743	-0.00004	0.00003	0.00000
69	-0.00004	0.00000	-0.00743	-0.00004	-0.00001	0.00000
70	0.00005	0.00000	-0.00743	-0.00004	0.00003	0.00000
71	-0.00004	0.00000	-0.00743	-0.00004	-0.00002	0.00000
72	0.00004	0.00000	-0.00875	0.00026	0.00001	0.00000
73	-0.00003	0.00000	-0.00875	0.00026	-0.00003	0.00000
74	0.00005	0.00000	-0.00875	0.00026	0.00002	0.00000
75	-0.00004	0.00000	-0.00875	0.00026	-0.00003	0.00000
4	GLOBAL					
1	0.00000	0.00000	-0.00432	0.00008	-0.00001	0.00000
2	0.00000	0.00000	-0.00374	0.00002	-0.00002	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00034	0.00001	0.00000	0.00000

5	0.00001	0.00000	-0.00001	0.00000	0.00001	0.00000
6	-0.00001	0.00000	0.00002	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00007	-0.00002	-0.00001	0.00000
8	0.00000	0.00000	-0.00008	0.00002	0.00001	0.00000
9	0.00002	0.00000	-0.01100	0.00013	-0.00003	0.00000
10	0.00000	0.00000	-0.01098	0.00013	-0.00004	0.00000
11	0.00001	0.00000	-0.01092	0.00012	-0.00004	0.00000
12	0.00001	0.00000	-0.01106	0.00015	-0.00003	0.00000
13	0.00002	0.00000	-0.01100	0.00014	-0.00003	0.00000
14	0.00000	0.00000	-0.01097	0.00013	-0.00004	0.00000
15	0.00001	0.00000	-0.01092	0.00012	-0.00004	0.00000
16	0.00001	0.00000	-0.01106	0.00015	-0.00002	0.00000
17	0.00002	0.00000	-0.01076	0.00013	-0.00002	0.00000
18	0.00000	0.00000	-0.01071	0.00013	-0.00004	0.00000
19	0.00001	0.00000	-0.01063	0.00010	-0.00005	0.00000
20	0.00001	0.00000	-0.01085	0.00016	-0.00002	0.00000
21	0.00001	0.00000	-0.00841	0.00010	-0.00002	0.00000
22	0.00000	0.00000	-0.00839	0.00010	-0.00003	0.00000
23	0.00001	0.00000	-0.00836	0.00009	-0.00003	0.00000
24	0.00001	0.00000	-0.00845	0.00011	-0.00002	0.00000
25	0.00001	0.00000	-0.00841	0.00010	-0.00002	0.00000
26	0.00000	0.00000	-0.00839	0.00010	-0.00003	0.00000
27	0.00001	0.00000	-0.00836	0.00009	-0.00003	0.00000
28	0.00001	0.00000	-0.00845	0.00011	-0.00002	0.00000
29	0.00001	0.00000	-0.00825	0.00010	-0.00002	0.00000
30	0.00000	0.00000	-0.00822	0.00010	-0.00003	0.00000
31	0.00001	0.00000	-0.00816	0.00008	-0.00004	0.00000
32	0.00001	0.00000	-0.00831	0.00012	-0.00001	0.00000
33	0.00001	0.00000	-0.00807	0.00010	-0.00002	0.00000
34	0.00001	0.00000	-0.00813	0.00010	-0.00002	0.00000
35	0.00001	0.00000	-0.00807	0.00010	-0.00002	0.00000
36	0.00000	0.00000	-0.00806	0.00009	-0.00002	0.00000
37	0.00001	0.00000	-0.00805	0.00009	-0.00003	0.00000
38	0.00001	0.00000	-0.00808	0.00010	-0.00002	0.00000
39	0.00001	0.00000	-0.00807	0.00010	-0.00002	0.00000
40	0.00015	0.00000	-0.00026	0.00003	0.00011	0.00000
41	0.00018	0.00000	-0.00029	0.00004	0.00011	0.00000
42	0.00001	0.00000	0.00098	-0.00022	-0.00009	0.00000
43	0.00000	0.00000	0.00085	-0.00019	-0.00007	0.00000
44	0.00017	0.00000	-0.00803	0.00006	0.00006	0.00000
45	0.00016	0.00000	-0.00862	0.00020	0.00011	0.00000
46	0.00016	0.00000	-0.00807	0.00007	0.00007	0.00000
47	0.00016	0.00000	-0.00858	0.00019	0.00011	0.00000
48	-0.00014	0.00000	-0.00751	-0.00001	-0.00016	0.00000
49	-0.00015	0.00000	-0.00810	0.00013	-0.00011	0.00000
50	-0.00015	0.00000	-0.00755	0.00000	-0.00015	0.00000
51	-0.00015	0.00000	-0.00806	0.00012	-0.00011	0.00000
52	0.00019	0.00000	-0.00806	0.00007	0.00006	0.00000
53	0.00018	0.00000	-0.00865	0.00020	0.00012	0.00000
54	0.00018	0.00000	-0.00810	0.00008	0.00007	0.00000

55	0.00018	0.00000	-0.00861	0.00019	0.00011	0.00000
56	-0.00017	0.00000	-0.00748	-0.00001	-0.00016	0.00000
57	-0.00018	0.00000	-0.00807	0.00012	-0.00011	0.00000
58	-0.00017	0.00000	-0.00752	0.00000	-0.00016	0.00000
59	-0.00017	0.00000	-0.00803	0.00011	-0.00012	0.00000
60	0.00007	0.00000	-0.00716	-0.00011	-0.00008	0.00000
61	-0.00003	0.00000	-0.00701	-0.00014	-0.00014	0.00000
62	0.00007	0.00000	-0.00717	-0.00011	-0.00008	0.00000
63	-0.00003	0.00000	-0.00700	-0.00014	-0.00015	0.00000
64	0.00004	0.00000	-0.00912	0.00033	0.00010	0.00000
65	-0.00005	0.00000	-0.00897	0.00030	0.00003	0.00000
66	0.00004	0.00000	-0.00913	0.00033	0.00010	0.00000
67	-0.00006	0.00000	-0.00896	0.00030	0.00003	0.00000
68	0.00005	0.00000	-0.00729	-0.00008	-0.00006	0.00000
69	-0.00004	0.00000	-0.00714	-0.00011	-0.00013	0.00000
70	0.00006	0.00000	-0.00730	-0.00008	-0.00006	0.00000
71	-0.00005	0.00000	-0.00713	-0.00011	-0.00013	0.00000
72	0.00005	0.00000	-0.00899	0.00030	0.00008	0.00000
73	-0.00004	0.00000	-0.00884	0.00027	0.00001	0.00000
74	0.00006	0.00000	-0.00900	0.00030	0.00008	0.00000
75	-0.00005	0.00000	-0.00883	0.00027	0.00001	0.00000

5

GLOBAL

1	0.00000	0.00000	-0.00438	0.00012	0.00006	0.00000
2	0.00000	0.00000	-0.00357	0.00003	-0.00002	0.00000
3	0.00000	0.00000	-0.00016	0.00001	0.00000	0.00000
4	0.00000	0.00000	-0.00033	0.00001	0.00001	0.00000
5	0.00001	0.00000	-0.00004	0.00000	0.00001	0.00000
6	-0.00001	0.00000	0.00004	-0.00001	0.00000	0.00000
7	0.00000	0.00000	0.00021	-0.00005	-0.00003	0.00000
8	0.00000	0.00000	-0.00021	0.00005	0.00003	0.00000
9	0.00002	0.00000	-0.01086	0.00022	0.00006	0.00000
10	0.00001	0.00000	-0.01079	0.00021	0.00005	0.00000
11	0.00001	0.00000	-0.01064	0.00017	0.00003	0.00000
12	0.00001	0.00000	-0.01102	0.00026	0.00007	0.00000
13	0.00002	0.00000	-0.01088	0.00022	0.00006	0.00000
14	0.00000	0.00000	-0.01081	0.00021	0.00005	0.00000
15	0.00001	0.00000	-0.01065	0.00017	0.00003	0.00000
16	0.00001	0.00000	-0.01103	0.00026	0.00008	0.00000
17	0.00002	0.00000	-0.01065	0.00021	0.00006	0.00000
18	0.00000	0.00000	-0.01054	0.00019	0.00004	0.00000
19	0.00001	0.00000	-0.01028	0.00013	0.00001	0.00000
20	0.00001	0.00000	-0.01091	0.00027	0.00009	0.00000
21	0.00001	0.00000	-0.00830	0.00016	0.00004	0.00000
22	0.00000	0.00000	-0.00826	0.00016	0.00004	0.00000
23	0.00001	0.00000	-0.00815	0.00013	0.00002	0.00000
24	0.00001	0.00000	-0.00840	0.00019	0.00005	0.00000
25	0.00001	0.00000	-0.00831	0.00017	0.00004	0.00000
26	0.00000	0.00000	-0.00827	0.00016	0.00004	0.00000
27	0.00001	0.00000	-0.00816	0.00013	0.00002	0.00000
28	0.00001	0.00000	-0.00841	0.00019	0.00006	0.00000

29	0.00002	0.00000	-0.00816	0.00016	0.00004	0.00000
30	0.00000	0.00000	-0.00809	0.00015	0.00003	0.00000
31	0.00001	0.00000	-0.00791	0.00011	0.00001	0.00000
32	0.00001	0.00000	-0.00833	0.00020	0.00006	0.00000
33	0.00001	0.00000	-0.00795	0.00015	0.00003	0.00000
34	0.00001	0.00000	-0.00802	0.00015	0.00004	0.00000
35	0.00001	0.00000	-0.00796	0.00015	0.00004	0.00000
36	0.00001	0.00000	-0.00795	0.00015	0.00003	0.00000
37	0.00001	0.00000	-0.00791	0.00014	0.00003	0.00000
38	0.00001	0.00000	-0.00800	0.00016	0.00004	0.00000
39	0.00001	0.00000	-0.00795	0.00015	0.00003	0.00000
40	0.00016	0.00000	-0.00085	0.00007	0.00012	0.00000
41	0.00018	0.00000	-0.00081	0.00006	0.00011	0.00000
42	0.00002	0.00000	0.00198	-0.00047	-0.00020	0.00000
43	0.00000	0.00000	0.00165	-0.00039	-0.00016	0.00000
44	0.00017	0.00000	-0.00821	0.00008	0.00009	0.00000
45	0.00016	0.00000	-0.00940	0.00036	0.00021	0.00000
46	0.00017	0.00000	-0.00831	0.00011	0.00010	0.00000
47	0.00017	0.00000	-0.00930	0.00034	0.00020	0.00000
48	-0.00015	0.00000	-0.00651	-0.00007	-0.00014	0.00000
49	-0.00016	0.00000	-0.00770	0.00021	-0.00003	0.00000
50	-0.00015	0.00000	-0.00661	-0.00004	-0.00013	0.00000
51	-0.00015	0.00000	-0.00760	0.00019	-0.00004	0.00000
52	0.00020	0.00000	-0.00818	0.00007	0.00008	0.00000
53	0.00019	0.00000	-0.00936	0.00035	0.00020	0.00000
54	0.00019	0.00000	-0.00827	0.00009	0.00009	0.00000
55	0.00019	0.00000	-0.00927	0.00033	0.00019	0.00000
56	-0.00017	0.00000	-0.00655	-0.00006	-0.00013	0.00000
57	-0.00018	0.00000	-0.00773	0.00023	-0.00001	0.00000
58	-0.00017	0.00000	-0.00664	-0.00003	-0.00012	0.00000
59	-0.00018	0.00000	-0.00764	0.00020	-0.00002	0.00000
60	0.00007	0.00000	-0.00623	-0.00030	-0.00013	0.00000
61	-0.00002	0.00000	-0.00572	-0.00034	-0.00020	0.00000
62	0.00008	0.00000	-0.00622	-0.00030	-0.00013	0.00000
63	-0.00003	0.00000	-0.00573	-0.00034	-0.00020	0.00000
64	0.00004	0.00000	-0.01019	0.00064	0.00027	0.00000
65	-0.00006	0.00000	-0.00968	0.00059	0.00020	0.00000
66	0.00005	0.00000	-0.01018	0.00064	0.00026	0.00000
67	-0.00006	0.00000	-0.00969	0.00060	0.00020	0.00000
68	0.00006	0.00000	-0.00656	-0.00022	-0.00009	0.00000
69	-0.00004	0.00000	-0.00605	-0.00026	-0.00016	0.00000
70	0.00007	0.00000	-0.00654	-0.00022	-0.00010	0.00000
71	-0.00004	0.00000	-0.00606	-0.00026	-0.00016	0.00000
72	0.00005	0.00000	-0.00986	0.00056	0.00023	0.00000
73	-0.00004	0.00000	-0.00935	0.00051	0.00016	0.00000
74	0.00006	0.00000	-0.00985	0.00055	0.00023	0.00000
75	-0.00005	0.00000	-0.00936	0.00052	0.00017	0.00000
1	0.00000	0.00000	-0.00401	0.00000	-0.00003	0.00000
2	0.00000	0.00000	-0.00348	0.00000	0.00003	0.00000

3	0.00000	0.00000	-0.00014	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00029	0.00000	0.00000	0.00000
5	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
6	0.00000	0.00000	-0.00002	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00000	-0.00004	0.00000	0.00000
8	0.00000	0.00000	0.00000	0.00004	0.00000	0.00000
9	0.00000	0.00000	-0.01015	0.00000	0.00000	0.00000
10	0.00000	0.00000	-0.01018	0.00000	0.00000	0.00000
11	0.00000	0.00001	-0.01016	-0.00003	0.00000	0.00000
12	0.00000	0.00000	-0.01016	0.00003	0.00000	0.00000
13	0.00000	0.00000	-0.01016	0.00000	0.00000	0.00000
14	0.00000	0.00000	-0.01019	0.00000	-0.00001	0.00000
15	0.00000	0.00001	-0.01017	-0.00003	0.00000	0.00000
16	0.00000	0.00000	-0.01017	0.00003	0.00000	0.00000
17	0.00000	0.00000	-0.00994	0.00000	0.00000	0.00000
18	0.00000	0.00000	-0.00998	0.00000	-0.00001	0.00000
19	0.00000	0.00001	-0.00995	-0.00005	0.00000	0.00000
20	0.00000	0.00000	-0.00995	0.00005	0.00000	0.00000
21	0.00000	0.00000	-0.00777	0.00000	0.00000	0.00000
22	0.00000	0.00000	-0.00778	0.00000	0.00000	0.00000
23	0.00000	0.00000	-0.00777	-0.00002	0.00000	0.00000
24	0.00000	0.00000	-0.00777	0.00002	0.00000	0.00000
25	0.00000	0.00000	-0.00777	0.00000	0.00000	0.00000
26	0.00000	0.00000	-0.00779	0.00000	0.00000	0.00000
27	0.00000	0.00000	-0.00778	-0.00002	0.00000	0.00000
28	0.00000	0.00000	-0.00778	0.00002	0.00000	0.00000
29	0.00000	0.00000	-0.00763	0.00000	0.00000	0.00000
30	0.00000	0.00000	-0.00765	0.00000	0.00000	0.00000
31	0.00000	0.00001	-0.00763	-0.00004	0.00000	0.00000
32	0.00000	0.00000	-0.00763	0.00004	0.00000	0.00000
33	0.00000	0.00000	-0.00749	0.00000	0.00000	0.00000
34	0.00000	0.00000	-0.00755	0.00000	0.00000	0.00000
35	0.00000	0.00000	-0.00749	0.00000	0.00000	0.00000
36	0.00000	0.00000	-0.00749	0.00000	0.00000	0.00000
37	0.00000	0.00000	-0.00749	-0.00001	0.00000	0.00000
38	0.00000	0.00000	-0.00749	0.00001	0.00000	0.00000
39	0.00000	0.00000	-0.00749	0.00000	0.00000	0.00000
40	0.00000	0.00000	0.00058	0.00000	0.00011	0.00000
41	0.00000	0.00000	0.00058	0.00000	0.00011	0.00000
42	0.00000	0.00004	0.00000	-0.00029	0.00000	0.00000
43	0.00000	0.00005	0.00000	-0.00034	0.00000	0.00000
44	0.00000	0.00002	-0.00691	-0.00009	0.00011	0.00000
45	0.00000	-0.00001	-0.00691	0.00008	0.00011	0.00000
46	0.00000	0.00002	-0.00691	-0.00011	0.00011	0.00000
47	0.00000	-0.00001	-0.00691	0.00010	0.00011	0.00000
48	0.00000	0.00001	-0.00807	-0.00008	-0.00011	0.00000
49	0.00000	-0.00001	-0.00807	0.00009	-0.00011	0.00000
50	0.00000	0.00001	-0.00807	-0.00010	-0.00011	0.00000
51	0.00000	-0.00002	-0.00807	0.00011	-0.00011	0.00000
52	0.00000	0.00001	-0.00691	-0.00008	0.00011	0.00000

53	0.00000	-0.00001	-0.00691	0.00009	0.00011	0.00000
54	0.00000	0.00002	-0.00691	-0.00010	0.00011	0.00000
55	0.00000	-0.00001	-0.00691	0.00011	0.00011	0.00000
56	0.00000	0.00001	-0.00807	-0.00009	-0.00011	0.00000
57	0.00000	-0.00001	-0.00807	0.00008	-0.00011	0.00000
58	0.00000	0.00002	-0.00807	-0.00011	-0.00011	0.00000
59	0.00000	-0.00001	-0.00807	0.00010	-0.00011	0.00000
60	0.00000	0.00004	-0.00732	-0.00029	0.00003	0.00000
61	0.00000	0.00004	-0.00767	-0.00029	-0.00003	0.00000
62	0.00000	0.00004	-0.00732	-0.00029	0.00003	0.00000
63	0.00000	0.00004	-0.00767	-0.00029	-0.00003	0.00000
64	0.00000	-0.00004	-0.00731	0.00029	0.00003	0.00000
65	0.00000	-0.00004	-0.00766	0.00029	-0.00003	0.00000
66	0.00000	-0.00004	-0.00731	0.00029	0.00003	0.00000
67	0.00000	-0.00004	-0.00766	0.00029	-0.00003	0.00000
68	0.00000	0.00005	-0.00732	-0.00034	0.00003	0.00000
69	0.00000	0.00005	-0.00767	-0.00034	-0.00003	0.00000
70	0.00000	0.00005	-0.00732	-0.00034	0.00003	0.00000
71	0.00000	0.00005	-0.00767	-0.00034	-0.00003	0.00000
72	0.00000	-0.00005	-0.00731	0.00034	0.00003	0.00000
73	0.00000	-0.00005	-0.00766	0.00034	-0.00003	0.00000
74	0.00000	-0.00005	-0.00731	0.00034	0.00003	0.00000
75	0.00000	-0.00005	-0.00766	0.00034	-0.00003	0.00000

7 GLOBAL

1	0.00000	0.00000	-0.00417	0.00000	0.00002	0.00000
2	0.00000	0.00000	-0.00373	0.00000	0.00002	0.00000
3	0.00000	0.00000	-0.00018	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00033	0.00000	0.00000	0.00000
5	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
6	0.00000	0.00000	-0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00000	-0.00002	0.00000	0.00000
8	0.00000	0.00000	0.00000	0.00002	0.00000	0.00000
9	0.00001	0.00000	-0.01078	0.00000	0.00007	0.00000
10	0.00000	0.00000	-0.01079	0.00000	0.00006	0.00000
11	0.00000	0.00001	-0.01078	-0.00001	0.00007	0.00000
12	0.00000	0.00000	-0.01078	0.00001	0.00007	0.00000
13	0.00001	0.00000	-0.01076	0.00000	0.00006	0.00000
14	0.00000	0.00000	-0.01077	0.00000	0.00006	0.00000
15	0.00000	0.00001	-0.01076	-0.00001	0.00006	0.00000
16	0.00000	0.00000	-0.01076	0.00001	0.00006	0.00000
17	0.00001	0.00000	-0.01050	0.00000	0.00006	0.00000
18	0.00000	0.00000	-0.01053	0.00000	0.00006	0.00000
19	0.00000	0.00001	-0.01052	-0.00002	0.00006	0.00000
20	0.00000	0.00000	-0.01052	0.00002	0.00006	0.00000
21	0.00000	0.00000	-0.00824	0.00000	0.00005	0.00000
22	0.00000	0.00000	-0.00825	0.00000	0.00005	0.00000
23	0.00000	0.00000	-0.00824	-0.00001	0.00005	0.00000
24	0.00000	0.00000	-0.00824	0.00001	0.00005	0.00000
25	0.00000	0.00000	-0.00822	0.00000	0.00005	0.00000
26	0.00000	0.00000	-0.00824	0.00000	0.00005	0.00000

27	0.00000	0.00000	-0.00823	-0.00001	0.00005	0.00000
28	0.00000	0.00000	-0.00823	0.00001	0.00005	0.00000
29	0.00000	0.00000	-0.00806	0.00000	0.00005	0.00000
30	0.00000	0.00000	-0.00808	0.00000	0.00004	0.00000
31	0.00000	0.00000	-0.00807	-0.00002	0.00005	0.00000
32	0.00000	0.00000	-0.00807	0.00002	0.00005	0.00000
33	0.00000	0.00000	-0.00790	0.00000	0.00004	0.00000
34	0.00000	0.00000	-0.00797	0.00000	0.00004	0.00000
35	0.00000	0.00000	-0.00790	0.00000	0.00004	0.00000
36	0.00000	0.00000	-0.00791	0.00000	0.00004	0.00000
37	0.00000	0.00000	-0.00790	0.00000	0.00004	0.00000
38	0.00000	0.00000	-0.00790	0.00000	0.00004	0.00000
39	0.00000	0.00000	-0.00790	0.00000	0.00004	0.00000
40	0.00003	0.00000	0.00013	0.00000	0.00006	0.00000
41	0.00003	0.00000	0.00013	0.00000	0.00006	0.00000
42	0.00000	0.00002	0.00000	-0.00016	0.00000	0.00000
43	0.00000	0.00003	0.00000	-0.00019	0.00000	0.00000
44	0.00004	0.00001	-0.00778	-0.00005	0.00011	0.00000
45	0.00004	0.00000	-0.00778	0.00005	0.00011	0.00000
46	0.00004	0.00001	-0.00778	-0.00005	0.00011	0.00000
47	0.00004	-0.00001	-0.00778	0.00006	0.00011	0.00000
48	-0.00003	0.00001	-0.00803	-0.00005	-0.00002	0.00000
49	-0.00003	0.00000	-0.00803	0.00005	-0.00002	0.00000
50	-0.00003	0.00001	-0.00803	-0.00006	-0.00002	0.00000
51	-0.00003	-0.00001	-0.00803	0.00005	-0.00002	0.00000
52	0.00004	0.00001	-0.00778	-0.00005	0.00011	0.00000
53	0.00004	0.00000	-0.00778	0.00005	0.00011	0.00000
54	0.00004	0.00001	-0.00778	-0.00006	0.00011	0.00000
55	0.00004	0.00000	-0.00778	0.00005	0.00011	0.00000
56	-0.00003	0.00001	-0.00803	-0.00005	-0.00002	0.00000
57	-0.00003	-0.00001	-0.00803	0.00005	-0.00002	0.00000
58	-0.00003	0.00001	-0.00803	-0.00005	-0.00002	0.00000
59	-0.00003	-0.00001	-0.00803	0.00006	-0.00002	0.00000
60	0.00001	0.00002	-0.00787	-0.00016	0.00006	0.00000
61	-0.00001	0.00002	-0.00794	-0.00016	0.00002	0.00000
62	0.00001	0.00002	-0.00787	-0.00016	0.00006	0.00000
63	-0.00001	0.00002	-0.00794	-0.00016	0.00002	0.00000
64	0.00001	-0.00002	-0.00787	0.00016	0.00006	0.00000
65	-0.00001	-0.00002	-0.00794	0.00016	0.00003	0.00000
66	0.00001	-0.00002	-0.00787	0.00016	0.00006	0.00000
67	-0.00001	-0.00002	-0.00794	0.00016	0.00003	0.00000
68	0.00001	0.00003	-0.00787	-0.00019	0.00006	0.00000
69	-0.00001	0.00003	-0.00794	-0.00019	0.00002	0.00000
70	0.00001	0.00003	-0.00787	-0.00019	0.00006	0.00000
71	-0.00001	0.00003	-0.00794	-0.00019	0.00002	0.00000
72	0.00001	-0.00002	-0.00787	0.00019	0.00006	0.00000
73	-0.00001	-0.00002	-0.00794	0.00019	0.00003	0.00000
74	0.00001	-0.00002	-0.00787	0.00019	0.00006	0.00000
75	-0.00001	-0.00002	-0.00794	0.00019	0.00003	0.00000

1	0.00000	0.00000	-0.00410	0.00000	0.00000	0.00000
2	0.00000	0.00000	-0.00375	0.00000	0.00000	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00032	0.00000	0.00000	0.00000
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
6	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00000	-0.00001	0.00000	0.00000
8	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000
9	0.00001	0.00000	-0.01070	0.00000	0.00000	0.00000
10	0.00000	0.00000	-0.01070	0.00000	0.00000	0.00000
11	0.00000	0.00001	-0.01070	-0.00001	0.00000	0.00000
12	0.00000	0.00000	-0.01070	0.00001	0.00000	0.00000
13	0.00001	0.00000	-0.01067	0.00000	0.00000	0.00000
14	0.00000	0.00000	-0.01067	0.00000	0.00000	0.00000
15	0.00000	0.00001	-0.01067	-0.00001	0.00000	0.00000
16	0.00000	0.00000	-0.01067	0.00001	0.00000	0.00000
17	0.00001	0.00000	-0.01043	0.00000	0.00000	0.00000
18	0.00000	0.00000	-0.01043	0.00000	0.00000	0.00000
19	0.00000	0.00001	-0.01043	-0.00002	0.00000	0.00000
20	0.00000	0.00000	-0.01043	0.00002	0.00000	0.00000
21	0.00001	0.00000	-0.00818	0.00000	0.00000	0.00000
22	0.00000	0.00000	-0.00818	0.00000	0.00000	0.00000
23	0.00000	0.00000	-0.00818	-0.00001	0.00000	0.00000
24	0.00000	0.00000	-0.00818	0.00001	0.00000	0.00000
25	0.00000	0.00000	-0.00816	0.00000	0.00000	0.00000
26	0.00000	0.00000	-0.00816	0.00000	0.00000	0.00000
27	0.00000	0.00000	-0.00816	-0.00001	0.00000	0.00000
28	0.00000	0.00000	-0.00816	0.00001	0.00000	0.00000
29	0.00001	0.00000	-0.00800	0.00000	0.00000	0.00000
30	0.00000	0.00000	-0.00800	0.00000	0.00000	0.00000
31	0.00000	0.00001	-0.00800	-0.00001	0.00000	0.00000
32	0.00000	0.00000	-0.00800	0.00001	0.00000	0.00000
33	0.00000	0.00000	-0.00785	0.00000	0.00000	0.00000
34	0.00000	0.00000	-0.00791	0.00000	0.00000	0.00000
35	0.00000	0.00000	-0.00784	0.00000	0.00000	0.00000
36	0.00000	0.00000	-0.00784	0.00000	0.00000	0.00000
37	0.00000	0.00000	-0.00784	0.00000	0.00000	0.00000
38	0.00000	0.00000	-0.00784	0.00000	0.00000	0.00000
39	0.00000	0.00000	-0.00785	0.00000	0.00000	0.00000
40	0.00006	0.00000	0.00000	0.00000	0.00003	0.00000
41	0.00006	0.00000	0.00000	0.00000	0.00003	0.00000
42	0.00000	0.00002	0.00000	-0.00014	0.00000	0.00000
43	0.00000	0.00002	0.00000	-0.00014	0.00000	0.00000
44	0.00006	0.00001	-0.00785	-0.00004	0.00003	0.00000
45	0.00006	0.00000	-0.00785	0.00004	0.00003	0.00000
46	0.00006	0.00001	-0.00785	-0.00004	0.00003	0.00000
47	0.00006	0.00000	-0.00785	0.00004	0.00003	0.00000
48	-0.00005	0.00001	-0.00784	-0.00004	-0.00003	0.00000
49	-0.00005	0.00000	-0.00784	0.00004	-0.00003	0.00000
50	-0.00005	0.00001	-0.00784	-0.00004	-0.00003	0.00000

51	-0.00005	0.00000	-0.00784	0.00004	-0.00003	0.00000
52	0.00006	0.00001	-0.00785	-0.00004	0.00003	0.00000
53	0.00006	0.00000	-0.00785	0.00004	0.00003	0.00000
54	0.00006	0.00001	-0.00785	-0.00004	0.00003	0.00000
55	0.00006	0.00000	-0.00785	0.00004	0.00003	0.00000
56	-0.00005	0.00001	-0.00784	-0.00004	-0.00003	0.00000
57	-0.00005	0.00000	-0.00784	0.00004	-0.00003	0.00000
58	-0.00005	0.00001	-0.00784	-0.00004	-0.00003	0.00000
59	-0.00005	0.00000	-0.00784	0.00004	-0.00003	0.00000
60	0.00002	0.00002	-0.00785	-0.00014	0.00001	0.00000
61	-0.00001	0.00002	-0.00784	-0.00014	-0.00001	0.00000
62	0.00002	0.00002	-0.00785	-0.00014	0.00001	0.00000
63	-0.00001	0.00002	-0.00784	-0.00014	-0.00001	0.00000
64	0.00002	-0.00002	-0.00785	0.00014	0.00001	0.00000
65	-0.00001	-0.00002	-0.00784	0.00014	-0.00001	0.00000
66	0.00002	-0.00002	-0.00785	0.00014	0.00001	0.00000
67	-0.00001	-0.00002	-0.00784	0.00014	-0.00001	0.00000
68	0.00002	0.00002	-0.00785	-0.00014	0.00001	0.00000
69	-0.00001	0.00002	-0.00784	-0.00014	-0.00001	0.00000
70	0.00002	0.00002	-0.00785	-0.00014	0.00001	0.00000
71	-0.00001	0.00002	-0.00784	-0.00014	-0.00001	0.00000
72	0.00002	-0.00002	-0.00785	0.00014	0.00001	0.00000
73	-0.00001	-0.00002	-0.00784	0.00014	-0.00001	0.00000
74	0.00002	-0.00002	-0.00785	0.00014	0.00001	0.00000
75	-0.00001	-0.00002	-0.00784	0.00014	-0.00001	0.00000

9

GLOBAL

1	0.00000	0.00000	-0.00417	0.00000	-0.00002	0.00000
2	0.00000	0.00000	-0.00373	0.00000	-0.00002	0.00000
3	0.00000	0.00000	-0.00018	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00033	0.00000	0.00000	0.00000
5	0.00000	0.00000	-0.00001	0.00000	0.00000	0.00000
6	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00000	-0.00002	0.00000	0.00000
8	0.00000	0.00000	0.00000	0.00002	0.00000	0.00000
9	0.00001	0.00000	-0.01079	0.00000	-0.00006	0.00000
10	0.00000	0.00000	-0.01078	0.00000	-0.00007	0.00000
11	0.00001	0.00001	-0.01078	-0.00001	-0.00007	0.00000
12	0.00001	0.00000	-0.01078	0.00001	-0.00007	0.00000
13	0.00001	0.00000	-0.01077	0.00000	-0.00006	0.00000
14	0.00000	0.00000	-0.01076	0.00000	-0.00006	0.00000
15	0.00001	0.00001	-0.01076	-0.00001	-0.00006	0.00000
16	0.00000	0.00000	-0.01076	0.00001	-0.00006	0.00000
17	0.00001	0.00000	-0.01053	0.00000	-0.00006	0.00000
18	0.00000	0.00000	-0.01050	0.00000	-0.00006	0.00000
19	0.00000	0.00001	-0.01052	-0.00002	-0.00006	0.00000
20	0.00000	0.00000	-0.01052	0.00002	-0.00006	0.00000
21	0.00001	0.00000	-0.00825	0.00000	-0.00005	0.00000
22	0.00000	0.00000	-0.00824	0.00000	-0.00005	0.00000
23	0.00000	0.00000	-0.00824	-0.00001	-0.00005	0.00000
24	0.00000	0.00000	-0.00824	0.00001	-0.00005	0.00000

25	0.00001	0.00000	-0.00824	0.00000	-0.00005	0.00000
26	0.00000	0.00000	-0.00822	0.00000	-0.00005	0.00000
27	0.00000	0.00000	-0.00823	-0.00001	-0.00005	0.00000
28	0.00000	0.00000	-0.00823	0.00001	-0.00005	0.00000
29	0.00001	0.00000	-0.00808	0.00000	-0.00004	0.00000
30	0.00000	0.00000	-0.00806	0.00000	-0.00005	0.00000
31	0.00000	0.00000	-0.00807	-0.00002	-0.00005	0.00000
32	0.00000	0.00000	-0.00807	0.00002	-0.00005	0.00000
33	0.00000	0.00000	-0.00790	0.00000	-0.00004	0.00000
34	0.00000	0.00000	-0.00797	0.00000	-0.00004	0.00000
35	0.00000	0.00000	-0.00791	0.00000	-0.00004	0.00000
36	0.00000	0.00000	-0.00790	0.00000	-0.00004	0.00000
37	0.00000	0.00000	-0.00790	0.00000	-0.00004	0.00000
38	0.00000	0.00000	-0.00790	0.00000	-0.00004	0.00000
39	0.00000	0.00000	-0.00790	0.00000	-0.00004	0.00000
40	0.00007	0.00000	-0.00013	0.00000	0.00006	0.00000
41	0.00007	0.00000	-0.00013	0.00000	0.00006	0.00000
42	0.00000	0.00002	0.00000	-0.00019	0.00000	0.00000
43	0.00000	0.00002	0.00000	-0.00016	0.00000	0.00000
44	0.00008	0.00001	-0.00804	-0.00006	0.00002	0.00000
45	0.00008	-0.00001	-0.00804	0.00005	0.00002	0.00000
46	0.00008	0.00001	-0.00804	-0.00005	0.00002	0.00000
47	0.00008	0.00000	-0.00804	0.00005	0.00002	0.00000
48	-0.00007	0.00001	-0.00777	-0.00005	-0.00011	0.00000
49	-0.00007	-0.00001	-0.00777	0.00006	-0.00011	0.00000
50	-0.00007	0.00001	-0.00777	-0.00005	-0.00011	0.00000
51	-0.00007	-0.00001	-0.00777	0.00005	-0.00011	0.00000
52	0.00008	0.00001	-0.00804	-0.00005	0.00002	0.00000
53	0.00008	-0.00001	-0.00804	0.00006	0.00002	0.00000
54	0.00008	0.00001	-0.00804	-0.00005	0.00002	0.00000
55	0.00008	-0.00001	-0.00804	0.00005	0.00002	0.00000
56	-0.00007	0.00001	-0.00777	-0.00006	-0.00011	0.00000
57	-0.00007	-0.00001	-0.00777	0.00005	-0.00011	0.00000
58	-0.00007	0.00001	-0.00777	-0.00005	-0.00011	0.00000
59	-0.00007	0.00000	-0.00777	0.00005	-0.00011	0.00000
60	0.00003	0.00003	-0.00794	-0.00019	-0.00003	0.00000
61	-0.00002	0.00003	-0.00787	-0.00019	-0.00006	0.00000
62	0.00003	0.00003	-0.00794	-0.00019	-0.00003	0.00000
63	-0.00002	0.00003	-0.00787	-0.00019	-0.00006	0.00000
64	0.00002	-0.00002	-0.00794	0.00019	-0.00003	0.00000
65	-0.00002	-0.00002	-0.00786	0.00019	-0.00006	0.00000
66	0.00002	-0.00002	-0.00794	0.00019	-0.00003	0.00000
67	-0.00002	-0.00002	-0.00786	0.00019	-0.00006	0.00000
68	0.00003	0.00002	-0.00794	-0.00016	-0.00003	0.00000
69	-0.00002	0.00002	-0.00787	-0.00016	-0.00006	0.00000
70	0.00003	0.00002	-0.00794	-0.00016	-0.00003	0.00000
71	-0.00002	0.00002	-0.00787	-0.00016	-0.00006	0.00000
72	0.00002	-0.00002	-0.00794	0.00016	-0.00003	0.00000
73	-0.00002	-0.00002	-0.00786	0.00016	-0.00006	0.00000
74	0.00002	-0.00002	-0.00794	0.00016	-0.00003	0.00000

10

GLOBAL

75	-0.00002	-0.00002	-0.00786	0.00016	-0.00006	0.00000
1	0.00000	0.00000	-0.00401	0.00000	0.00003	0.00000
2	0.00000	0.00000	-0.00348	0.00000	-0.00003	0.00000
3	0.00000	0.00000	-0.00014	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00029	0.00000	0.00000	0.00000
5	0.00000	0.00000	-0.00002	0.00000	0.00000	0.00000
6	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00000	-0.00004	0.00000	0.00000
8	0.00000	0.00000	0.00000	0.00004	0.00000	0.00000
9	0.00001	0.00000	-0.01018	0.00000	0.00000	0.00000
10	0.00001	0.00000	-0.01015	0.00000	0.00000	0.00000
11	0.00001	0.00001	-0.01016	-0.00003	0.00000	0.00000
12	0.00001	0.00000	-0.01016	0.00003	0.00000	0.00000
13	0.00001	0.00000	-0.01019	0.00000	0.00000	0.00000
14	0.00001	0.00000	-0.01016	0.00000	0.00000	0.00000
15	0.00001	0.00001	-0.01017	-0.00003	0.00000	0.00000
16	0.00001	0.00000	-0.01017	0.00003	0.00000	0.00000
17	0.00001	0.00000	-0.00998	0.00000	0.00001	0.00000
18	0.00000	0.00000	-0.00994	0.00000	0.00000	0.00000
19	0.00001	0.00001	-0.00995	-0.00005	0.00000	0.00000
20	0.00001	0.00000	-0.00995	0.00005	0.00000	0.00000
21	0.00001	0.00000	-0.00778	0.00000	0.00000	0.00000
22	0.00000	0.00000	-0.00777	0.00000	0.00000	0.00000
23	0.00001	0.00000	-0.00777	-0.00002	0.00000	0.00000
24	0.00001	0.00000	-0.00777	0.00002	0.00000	0.00000
25	0.00001	0.00000	-0.00779	0.00000	0.00000	0.00000
26	0.00000	0.00000	-0.00777	0.00000	0.00000	0.00000
27	0.00001	0.00000	-0.00778	-0.00002	0.00000	0.00000
28	0.00001	0.00000	-0.00778	0.00002	0.00000	0.00000
29	0.00001	0.00000	-0.00765	0.00000	0.00000	0.00000
30	0.00000	0.00000	-0.00763	0.00000	0.00000	0.00000
31	0.00001	0.00001	-0.00763	-0.00004	0.00000	0.00000
32	0.00001	0.00000	-0.00763	0.00004	0.00000	0.00000
33	0.00001	0.00000	-0.00749	0.00000	0.00000	0.00000
34	0.00001	0.00000	-0.00755	0.00000	0.00000	0.00000
35	0.00001	0.00000	-0.00749	0.00000	0.00000	0.00000
36	0.00001	0.00000	-0.00749	0.00000	0.00000	0.00000
37	0.00001	0.00000	-0.00749	-0.00001	0.00000	0.00000
38	0.00001	0.00000	-0.00749	0.00001	0.00000	0.00000
39	0.00001	0.00000	-0.00749	0.00000	0.00000	0.00000
40	0.00008	0.00000	-0.00057	0.00000	0.00010	0.00000
41	0.00008	0.00000	-0.00057	0.00000	0.00010	0.00000
42	0.00000	0.00005	0.00000	-0.00034	0.00000	0.00000
43	0.00000	0.00004	0.00000	-0.00029	0.00000	0.00000
44	0.00008	0.00001	-0.00806	-0.00010	0.00010	0.00000
45	0.00008	-0.00002	-0.00806	0.00011	0.00010	0.00000
46	0.00008	0.00001	-0.00806	-0.00008	0.00010	0.00000
47	0.00008	-0.00001	-0.00806	0.00009	0.00010	0.00000
48	-0.00007	0.00002	-0.00692	-0.00011	-0.00010	0.00000

49	-0.00007	-0.00001	-0.00692	0.00010	-0.00010	0.00000
50	-0.00007	0.00002	-0.00692	-0.00009	-0.00010	0.00000
51	-0.00007	-0.00001	-0.00692	0.00008	-0.00010	0.00000
52	0.00009	0.00002	-0.00806	-0.00011	0.00010	0.00000
53	0.00008	-0.00001	-0.00806	0.00010	0.00010	0.00000
54	0.00009	0.00001	-0.00806	-0.00009	0.00010	0.00000
55	0.00008	-0.00001	-0.00806	0.00008	0.00010	0.00000
56	-0.00007	0.00002	-0.00692	-0.00010	-0.00010	0.00000
57	-0.00007	-0.00001	-0.00692	0.00011	-0.00010	0.00000
58	-0.00007	0.00001	-0.00692	-0.00008	-0.00010	0.00000
59	-0.00007	-0.00001	-0.00692	0.00009	-0.00010	0.00000
60	0.00003	0.00005	-0.00766	-0.00034	0.00003	0.00000
61	-0.00002	0.00005	-0.00732	-0.00034	-0.00003	0.00000
62	0.00003	0.00005	-0.00766	-0.00034	0.00003	0.00000
63	-0.00002	0.00005	-0.00732	-0.00034	-0.00003	0.00000
64	0.00003	-0.00005	-0.00766	0.00034	0.00003	0.00000
65	-0.00002	-0.00005	-0.00731	0.00034	-0.00003	0.00000
66	0.00003	-0.00005	-0.00766	0.00034	0.00003	0.00000
67	-0.00002	-0.00005	-0.00731	0.00034	-0.00003	0.00000
68	0.00003	0.00004	-0.00766	-0.00029	0.00003	0.00000
69	-0.00002	0.00004	-0.00732	-0.00029	-0.00003	0.00000
70	0.00003	0.00004	-0.00766	-0.00029	0.00003	0.00000
71	-0.00002	0.00004	-0.00732	-0.00029	-0.00003	0.00000
72	0.00003	-0.00004	-0.00766	0.00029	0.00003	0.00000
73	-0.00002	-0.00004	-0.00731	0.00029	-0.00003	0.00000
74	0.00003	-0.00004	-0.00766	0.00029	0.00003	0.00000
75	-0.00002	-0.00004	-0.00731	0.00029	-0.00003	0.00000

11 GLOBAL

1	0.00000	0.00000	-0.00438	-0.00012	-0.00006	0.00000
2	0.00000	0.00000	-0.00357	-0.00003	0.00002	0.00000
3	0.00000	0.00000	-0.00016	-0.00001	0.00000	0.00000
4	0.00000	0.00000	-0.00033	-0.00001	-0.00001	0.00000
5	0.00000	0.00000	0.00004	0.00001	0.00000	0.00000
6	0.00000	0.00000	-0.00004	0.00000	-0.00001	0.00000
7	0.00000	0.00001	-0.00021	-0.00005	-0.00003	0.00000
8	0.00000	-0.00001	0.00021	0.00005	0.00003	0.00000
9	0.00000	0.00001	-0.01079	-0.00021	-0.00005	0.00000
10	0.00000	0.00001	-0.01086	-0.00022	-0.00006	0.00000
11	0.00000	0.00001	-0.01102	-0.00026	-0.00007	0.00000
12	0.00000	0.00000	-0.01064	-0.00017	-0.00003	0.00000
13	0.00000	0.00001	-0.01081	-0.00021	-0.00005	0.00000
14	0.00000	0.00001	-0.01088	-0.00022	-0.00006	0.00000
15	0.00000	0.00001	-0.01103	-0.00026	-0.00008	0.00000
16	0.00000	0.00000	-0.01065	-0.00017	-0.00003	0.00000
17	0.00000	0.00001	-0.01054	-0.00019	-0.00004	0.00000
18	0.00000	0.00000	-0.01065	-0.00021	-0.00006	0.00000
19	0.00000	0.00001	-0.01091	-0.00027	-0.00009	0.00000
20	0.00000	0.00000	-0.01028	-0.00013	-0.00001	0.00000
21	0.00000	0.00000	-0.00826	-0.00016	-0.00004	0.00000
22	0.00000	0.00000	-0.00830	-0.00017	-0.00004	0.00000

23	0.00000	0.00001	-0.00840	-0.00019	-0.00005	0.00000
24	0.00000	0.00000	-0.00815	-0.00013	-0.00002	0.00000
25	0.00000	0.00000	-0.00827	-0.00016	-0.00004	0.00000
26	0.00000	0.00000	-0.00831	-0.00017	-0.00004	0.00000
27	0.00000	0.00001	-0.00841	-0.00019	-0.00006	0.00000
28	0.00000	0.00000	-0.00816	-0.00013	-0.00002	0.00000
29	0.00000	0.00000	-0.00809	-0.00015	-0.00003	0.00000
30	0.00000	0.00000	-0.00816	-0.00016	-0.00004	0.00000
31	0.00000	0.00001	-0.00833	-0.00020	-0.00006	0.00000
32	0.00000	0.00000	-0.00791	-0.00011	-0.00001	0.00000
33	0.00000	0.00000	-0.00795	-0.00015	-0.00003	0.00000
34	0.00000	0.00000	-0.00802	-0.00015	-0.00004	0.00000
35	0.00000	0.00000	-0.00795	-0.00015	-0.00003	0.00000
36	0.00000	0.00000	-0.00796	-0.00015	-0.00004	0.00000
37	0.00000	0.00000	-0.00800	-0.00016	-0.00004	0.00000
38	0.00000	0.00000	-0.00791	-0.00014	-0.00003	0.00000
39	0.00000	0.00000	-0.00795	-0.00015	-0.00003	0.00000
40	0.00000	0.00000	0.00083	0.00006	0.00011	0.00000
41	0.00000	0.00000	0.00086	0.00007	0.00012	0.00000
42	0.00000	0.00006	-0.00165	-0.00038	-0.00016	0.00000
43	0.00000	0.00007	-0.00197	-0.00046	-0.00020	0.00000
44	0.00000	0.00003	-0.00762	-0.00020	0.00003	0.00000
45	0.00000	-0.00001	-0.00663	0.00003	0.00012	0.00000
46	0.00000	0.00003	-0.00771	-0.00022	0.00002	0.00000
47	0.00000	-0.00001	-0.00653	0.00006	0.00014	0.00000
48	0.00000	0.00002	-0.00928	-0.00033	-0.00019	0.00000
49	0.00000	-0.00002	-0.00829	-0.00010	-0.00010	0.00000
50	0.00000	0.00002	-0.00938	-0.00035	-0.00020	0.00000
51	0.00000	-0.00002	-0.00820	-0.00007	-0.00009	0.00000
52	0.00000	0.00002	-0.00759	-0.00019	0.00004	0.00000
53	0.00000	-0.00001	-0.00660	0.00004	0.00014	0.00000
54	0.00000	0.00003	-0.00768	-0.00021	0.00003	0.00000
55	0.00000	-0.00002	-0.00650	0.00007	0.00015	0.00000
56	0.00000	0.00002	-0.00931	-0.00034	-0.00021	0.00000
57	0.00000	-0.00001	-0.00832	-0.00011	-0.00011	0.00000
58	0.00000	0.00002	-0.00941	-0.00036	-0.00022	0.00000
59	0.00000	-0.00002	-0.00823	-0.00008	-0.00010	0.00000
60	0.00000	0.00006	-0.00935	-0.00051	-0.00016	0.00000
61	0.00000	0.00006	-0.00985	-0.00055	-0.00023	0.00000
62	0.00000	0.00006	-0.00934	-0.00051	-0.00016	0.00000
63	0.00000	0.00006	-0.00986	-0.00055	-0.00023	0.00000
64	0.00000	-0.00005	-0.00606	0.00026	0.00016	0.00000
65	0.00000	-0.00006	-0.00656	0.00022	0.00009	0.00000
66	0.00000	-0.00005	-0.00605	0.00026	0.00016	0.00000
67	0.00000	-0.00005	-0.00657	0.00021	0.00009	0.00000
68	0.00000	0.00008	-0.00968	-0.00059	-0.00020	0.00000
69	0.00000	0.00008	-0.01018	-0.00063	-0.00026	0.00000
70	0.00000	0.00008	-0.00967	-0.00059	-0.00019	0.00000
71	0.00000	0.00008	-0.01018	-0.00063	-0.00027	0.00000
72	0.00000	-0.00007	-0.00573	0.00033	0.00020	0.00000

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GLOBAL

73	0.00000	-0.00007	-0.00623	0.00030	0.00013	0.00000
74	0.00000	-0.00007	-0.00572	0.00034	0.00020	0.00000
75	0.00000	-0.00007	-0.00624	0.00029	0.00013	0.00000
1	0.00000	0.00000	-0.00432	-0.00008	0.00001	0.00000
2	0.00000	0.00000	-0.00374	-0.00002	0.00002	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00034	-0.00001	0.00000	0.00000
5	0.00000	0.00000	0.00002	0.00000	0.00001	0.00000
6	0.00000	0.00000	-0.00001	0.00000	-0.00001	0.00000
7	0.00000	0.00000	-0.00008	-0.00002	-0.00001	0.00000
8	0.00000	0.00000	0.00007	0.00002	0.00001	0.00000
9	0.00001	0.00001	-0.01098	-0.00013	0.00004	0.00000
10	0.00000	0.00001	-0.01100	-0.00013	0.00003	0.00000
11	0.00000	0.00001	-0.01106	-0.00015	0.00003	0.00000
12	0.00000	0.00000	-0.01092	-0.00012	0.00004	0.00000
13	0.00001	0.00001	-0.01097	-0.00013	0.00004	0.00000
14	0.00000	0.00001	-0.01100	-0.00014	0.00003	0.00000
15	0.00000	0.00001	-0.01106	-0.00015	0.00002	0.00000
16	0.00000	0.00000	-0.01092	-0.00012	0.00004	0.00000
17	0.00001	0.00001	-0.01071	-0.00013	0.00004	0.00000
18	0.00000	0.00000	-0.01076	-0.00013	0.00002	0.00000
19	0.00000	0.00001	-0.01085	-0.00016	0.00002	0.00000
20	0.00000	0.00000	-0.01063	-0.00010	0.00005	0.00000
21	0.00000	0.00000	-0.00839	-0.00010	0.00003	0.00000
22	0.00000	0.00000	-0.00841	-0.00010	0.00002	0.00000
23	0.00000	0.00001	-0.00845	-0.00011	0.00002	0.00000
24	0.00000	0.00000	-0.00836	-0.00009	0.00003	0.00000
25	0.00000	0.00000	-0.00839	-0.00010	0.00003	0.00000
26	0.00000	0.00000	-0.00841	-0.00010	0.00002	0.00000
27	0.00000	0.00001	-0.00845	-0.00011	0.00002	0.00000
28	0.00000	0.00000	-0.00836	-0.00009	0.00003	0.00000
29	0.00001	0.00000	-0.00822	-0.00010	0.00003	0.00000
30	0.00000	0.00000	-0.00825	-0.00010	0.00002	0.00000
31	0.00000	0.00001	-0.00831	-0.00012	0.00001	0.00000
32	0.00000	0.00000	-0.00816	-0.00008	0.00004	0.00000
33	0.00000	0.00000	-0.00807	-0.00010	0.00002	0.00000
34	0.00000	0.00000	-0.00813	-0.00010	0.00002	0.00000
35	0.00000	0.00000	-0.00806	-0.00009	0.00002	0.00000
36	0.00000	0.00000	-0.00807	-0.00010	0.00002	0.00000
37	0.00000	0.00000	-0.00808	-0.00010	0.00002	0.00000
38	0.00000	0.00000	-0.00805	-0.00009	0.00003	0.00000
39	0.00000	0.00000	-0.00807	-0.00010	0.00002	0.00000
40	0.00009	0.00000	0.00029	0.00004	0.00012	0.00000
41	0.00008	0.00000	0.00025	0.00003	0.00011	0.00000
42	0.00000	0.00003	-0.00085	-0.00019	-0.00007	0.00000
43	0.00000	0.00003	-0.00098	-0.00022	-0.00009	0.00000
44	0.00009	0.00001	-0.00803	-0.00011	0.00012	0.00000
45	0.00009	0.00000	-0.00752	0.00000	0.00016	0.00000
46	0.00009	0.00001	-0.00807	-0.00012	0.00012	0.00000

47	0.00009	-0.00001	-0.00748	0.00001	0.00017	0.00000
48	-0.00009	0.00001	-0.00861	-0.00019	-0.00012	0.00000
49	-0.00008	-0.00001	-0.00810	-0.00008	-0.00007	0.00000
50	-0.00009	0.00001	-0.00865	-0.00020	-0.00012	0.00000
51	-0.00009	-0.00001	-0.00806	-0.00007	-0.00007	0.00000
52	0.00008	0.00001	-0.00807	-0.00012	0.00012	0.00000
53	0.00008	0.00000	-0.00756	0.00000	0.00016	0.00000
54	0.00008	0.00002	-0.00811	-0.00013	0.00011	0.00000
55	0.00008	0.00000	-0.00752	0.00001	0.00016	0.00000
56	-0.00008	0.00001	-0.00857	-0.00019	-0.00011	0.00000
57	-0.00007	-0.00001	-0.00807	-0.00007	-0.00007	0.00000
58	-0.00007	0.00001	-0.00861	-0.00020	-0.00012	0.00000
59	-0.00008	-0.00001	-0.00803	-0.00006	-0.00006	0.00000
60	0.00002	0.00003	-0.00883	-0.00027	-0.00001	0.00000
61	-0.00003	0.00003	-0.00900	-0.00030	-0.00008	0.00000
62	0.00002	0.00003	-0.00884	-0.00027	-0.00001	0.00000
63	-0.00002	0.00003	-0.00899	-0.00029	-0.00008	0.00000
64	0.00003	-0.00002	-0.00713	0.00011	0.00013	0.00000
65	-0.00002	-0.00002	-0.00731	0.00008	0.00006	0.00000
66	0.00003	-0.00002	-0.00714	0.00010	0.00013	0.00000
67	-0.00002	-0.00002	-0.00730	0.00008	0.00006	0.00000
68	0.00003	0.00004	-0.00896	-0.00030	-0.00003	0.00000
69	-0.00002	0.00004	-0.00913	-0.00033	-0.00010	0.00000
70	0.00003	0.00004	-0.00897	-0.00030	-0.00003	0.00000
71	-0.00002	0.00004	-0.00912	-0.00032	-0.00010	0.00000
72	0.00003	-0.00003	-0.00700	0.00014	0.00015	0.00000
73	-0.00003	-0.00003	-0.00717	0.00011	0.00007	0.00001
74	0.00002	-0.00003	-0.00701	0.00013	0.00014	0.00000
75	-0.00002	-0.00003	-0.00716	0.00011	0.00008	0.00000

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GLOBAL

1	0.00000	0.00000	-0.00430	-0.00009	0.00000	0.00000
2	0.00000	0.00000	-0.00378	-0.00002	0.00000	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00034	-0.00001	0.00000	0.00000
5	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
6	-0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
7	0.00000	0.00000	-0.00005	-0.00001	0.00000	0.00000
8	0.00000	0.00000	0.00005	0.00001	0.00000	0.00000
9	0.00001	0.00001	-0.01103	-0.00015	0.00000	0.00000
10	0.00000	0.00001	-0.01103	-0.00015	0.00000	0.00000
11	0.00001	0.00001	-0.01107	-0.00017	0.00000	0.00000
12	0.00001	0.00000	-0.01099	-0.00014	0.00000	0.00000
13	0.00001	0.00001	-0.01102	-0.00016	0.00000	0.00000
14	0.00000	0.00000	-0.01102	-0.00016	0.00000	0.00000
15	0.00001	0.00001	-0.01107	-0.00017	0.00000	0.00000
16	0.00001	0.00000	-0.01098	-0.00015	0.00000	0.00000
17	0.00002	0.00000	-0.01077	-0.00015	0.00001	0.00000
18	0.00000	0.00000	-0.01076	-0.00015	-0.00001	0.00000
19	0.00000	0.00001	-0.01084	-0.00017	0.00000	0.00000
20	0.00001	0.00000	-0.01070	-0.00013	0.00000	0.00000

21	0.00001	0.00000	-0.00843	-0.00012	0.00000	0.00000
22	0.00000	0.00000	-0.00843	-0.00012	0.00000	0.00000
23	0.00000	0.00001	-0.00846	-0.00013	0.00000	0.00000
24	0.00000	0.00000	-0.00840	-0.00011	0.00000	0.00000
25	0.00001	0.00000	-0.00842	-0.00012	0.00000	0.00000
26	0.00000	0.00000	-0.00842	-0.00012	0.00000	0.00000
27	0.00000	0.00001	-0.00846	-0.00013	0.00000	0.00000
28	0.00000	0.00000	-0.00840	-0.00011	0.00000	0.00000
29	0.00001	0.00000	-0.00826	-0.00011	0.00000	0.00000
30	0.00000	0.00000	-0.00825	-0.00011	0.00000	0.00000
31	0.00000	0.00001	-0.00831	-0.00013	0.00000	0.00000
32	0.00000	0.00000	-0.00821	-0.00010	0.00000	0.00000
33	0.00000	0.00000	-0.00809	-0.00011	0.00000	0.00000
34	0.00000	0.00000	-0.00816	-0.00011	0.00000	0.00000
35	0.00001	0.00000	-0.00809	-0.00011	0.00000	0.00000
36	0.00000	0.00000	-0.00809	-0.00011	0.00000	0.00000
37	0.00000	0.00000	-0.00810	-0.00011	0.00000	0.00000
38	0.00000	0.00000	-0.00808	-0.00011	0.00000	0.00000
39	0.00000	0.00000	-0.00809	-0.00011	0.00000	0.00000
40	0.00015	0.00000	-0.00001	0.00000	0.00008	0.00000
41	0.00013	0.00000	-0.00001	0.00000	0.00007	0.00000
42	-0.00001	0.00003	-0.00066	-0.00015	0.00001	0.00000
43	0.00000	0.00003	-0.00066	-0.00015	-0.00001	0.00000
44	0.00015	0.00001	-0.00829	-0.00016	0.00009	0.00000
45	0.00016	0.00000	-0.00790	-0.00006	0.00008	0.00000
46	0.00015	0.00001	-0.00829	-0.00016	0.00008	0.00000
47	0.00015	0.00000	-0.00790	-0.00006	0.00009	0.00000
48	-0.00015	0.00001	-0.00828	-0.00015	-0.00008	0.00000
49	-0.00014	0.00000	-0.00788	-0.00006	-0.00009	0.00000
50	-0.00014	0.00001	-0.00828	-0.00015	-0.00009	0.00000
51	-0.00014	0.00000	-0.00788	-0.00006	-0.00008	0.00000
52	0.00013	0.00001	-0.00829	-0.00016	0.00007	0.00000
53	0.00014	0.00000	-0.00790	-0.00006	0.00007	0.00000
54	0.00013	0.00001	-0.00829	-0.00016	0.00007	0.00000
55	0.00013	0.00000	-0.00790	-0.00006	0.00007	0.00000
56	-0.00013	0.00001	-0.00828	-0.00015	-0.00007	0.00000
57	-0.00012	0.00000	-0.00789	-0.00006	-0.00007	0.00000
58	-0.00012	0.00001	-0.00828	-0.00015	-0.00007	0.00000
59	-0.00013	0.00000	-0.00789	-0.00006	-0.00007	0.00000
60	0.00004	0.00003	-0.00875	-0.00026	0.00003	0.00000
61	-0.00005	0.00003	-0.00874	-0.00026	-0.00002	0.00000
62	0.00003	0.00003	-0.00875	-0.00026	0.00003	0.00000
63	-0.00004	0.00003	-0.00875	-0.00026	-0.00001	0.00000
64	0.00006	-0.00002	-0.00743	0.00004	0.00002	0.00000
65	-0.00003	-0.00002	-0.00743	0.00004	-0.00003	0.00000
66	0.00005	-0.00002	-0.00743	0.00004	0.00001	0.00000
67	-0.00002	-0.00002	-0.00743	0.00004	-0.00003	0.00000
68	0.00005	0.00003	-0.00875	-0.00026	0.00002	0.00000
69	-0.00004	0.00003	-0.00875	-0.00026	-0.00003	0.00000
70	0.00004	0.00003	-0.00875	-0.00026	0.00001	0.00000

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GLOBAL

71	-0.00003	0.00003	-0.00875	-0.00026	-0.00003	0.00000
72	0.00005	-0.00002	-0.00743	0.00004	0.00003	0.00000
73	-0.00004	-0.00002	-0.00743	0.00004	-0.00002	0.00000
74	0.00004	-0.00002	-0.00743	0.00004	0.00003	0.00000
75	-0.00004	-0.00002	-0.00743	0.00004	-0.00001	0.00000
1	0.00000	0.00000	-0.00432	-0.00008	-0.00001	0.00000
2	0.00000	0.00000	-0.00374	-0.00002	-0.00002	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00034	-0.00001	0.00000	0.00000
5	0.00001	0.00000	-0.00001	0.00000	0.00001	0.00000
6	-0.00001	0.00000	0.00002	0.00000	0.00000	0.00000
7	0.00000	0.00000	-0.00008	-0.00002	0.00001	0.00000
8	0.00000	0.00000	0.00007	0.00002	-0.00001	0.00000
9	0.00002	0.00001	-0.01100	-0.00013	-0.00003	0.00000
10	0.00000	0.00001	-0.01098	-0.00013	-0.00004	0.00000
11	0.00001	0.00001	-0.01106	-0.00015	-0.00003	0.00000
12	0.00001	0.00000	-0.01092	-0.00012	-0.00004	0.00000
13	0.00002	0.00001	-0.01100	-0.00014	-0.00003	0.00000
14	0.00000	0.00001	-0.01097	-0.00013	-0.00004	0.00000
15	0.00001	0.00001	-0.01106	-0.00015	-0.00002	0.00000
16	0.00001	0.00000	-0.01092	-0.00012	-0.00004	0.00000
17	0.00002	0.00000	-0.01076	-0.00013	-0.00002	0.00000
18	0.00000	0.00000	-0.01071	-0.00013	-0.00004	0.00000
19	0.00001	0.00001	-0.01085	-0.00016	-0.00002	0.00000
20	0.00001	0.00000	-0.01063	-0.00010	-0.00005	0.00000
21	0.00001	0.00000	-0.00841	-0.00010	-0.00002	0.00000
22	0.00000	0.00000	-0.00839	-0.00010	-0.00003	0.00000
23	0.00001	0.00001	-0.00845	-0.00011	-0.00002	0.00000
24	0.00001	0.00000	-0.00836	-0.00009	-0.00003	0.00000
25	0.00001	0.00000	-0.00841	-0.00010	-0.00002	0.00000
26	0.00000	0.00000	-0.00839	-0.00010	-0.00003	0.00000
27	0.00001	0.00001	-0.00845	-0.00011	-0.00002	0.00000
28	0.00001	0.00000	-0.00836	-0.00009	-0.00003	0.00000
29	0.00001	0.00000	-0.00825	-0.00010	-0.00002	0.00000
30	0.00000	0.00000	-0.00822	-0.00010	-0.00003	0.00000
31	0.00001	0.00001	-0.00831	-0.00012	-0.00001	0.00000
32	0.00001	0.00000	-0.00816	-0.00008	-0.00004	0.00000
33	0.00001	0.00000	-0.00807	-0.00010	-0.00002	0.00000
34	0.00001	0.00000	-0.00813	-0.00010	-0.00002	0.00000
35	0.00001	0.00000	-0.00807	-0.00010	-0.00002	0.00000
36	0.00000	0.00000	-0.00806	-0.00009	-0.00002	0.00000
37	0.00001	0.00000	-0.00808	-0.00010	-0.00002	0.00000
38	0.00001	0.00000	-0.00805	-0.00009	-0.00003	0.00000
39	0.00001	0.00000	-0.00807	-0.00010	-0.00002	0.00000
40	0.00018	0.00000	-0.00029	-0.00004	0.00011	0.00000
41	0.00016	0.00000	-0.00026	-0.00003	0.00011	0.00000
42	-0.00002	0.00003	-0.00098	-0.00022	0.00009	0.00000
43	0.00000	0.00003	-0.00085	-0.00019	0.00007	0.00000
44	0.00018	0.00001	-0.00865	-0.00020	0.00012	0.00000

45	0.00019	-0.00001	-0.00806	-0.00007	0.00007	-0.00001
46	0.00018	0.00001	-0.00861	-0.00019	0.00011	0.00000
47	0.00019	0.00000	-0.00810	-0.00008	0.00007	0.00000
48	-0.00018	0.00001	-0.00807	-0.00012	-0.00011	0.00000
49	-0.00017	-0.00001	-0.00748	0.00001	-0.00016	0.00000
50	-0.00017	0.00001	-0.00803	-0.00011	-0.00012	0.00000
51	-0.00017	-0.00001	-0.00752	0.00000	-0.00016	0.00000
52	0.00016	0.00001	-0.00862	-0.00020	0.00011	0.00000
53	0.00017	-0.00001	-0.00803	-0.00006	0.00006	0.00000
54	0.00016	0.00001	-0.00858	-0.00019	0.00011	0.00000
55	0.00016	-0.00001	-0.00807	-0.00007	0.00007	0.00000
56	-0.00015	0.00001	-0.00810	-0.00013	-0.00011	0.00000
57	-0.00015	-0.00001	-0.00751	0.00001	-0.00016	0.00000
58	-0.00015	0.00001	-0.00806	-0.00012	-0.00011	0.00000
59	-0.00015	0.00000	-0.00755	0.00000	-0.00015	0.00000
60	0.00004	0.00004	-0.00913	-0.00033	0.00010	0.00000
61	-0.00006	0.00004	-0.00896	-0.00030	0.00003	0.00000
62	0.00004	0.00004	-0.00912	-0.00032	0.00010	0.00000
63	-0.00006	0.00004	-0.00897	-0.00030	0.00003	0.00000
64	0.00008	-0.00003	-0.00717	0.00011	-0.00008	-0.00001
65	-0.00003	-0.00003	-0.00700	0.00014	-0.00015	0.00000
66	0.00007	-0.00003	-0.00716	0.00011	-0.00008	-0.00001
67	-0.00003	-0.00003	-0.00701	0.00013	-0.00014	0.00000
68	0.00006	0.00003	-0.00900	-0.00030	0.00008	0.00000
69	-0.00005	0.00003	-0.00882	-0.00027	0.00001	0.00000
70	0.00005	0.00003	-0.00899	-0.00029	0.00008	0.00000
71	-0.00004	0.00003	-0.00883	-0.00027	0.00001	0.00000
72	0.00006	-0.00002	-0.00731	0.00008	-0.00006	0.00000
73	-0.00005	-0.00002	-0.00713	0.00011	-0.00013	0.00000
74	0.00005	-0.00002	-0.00730	0.00008	-0.00006	0.00000
75	-0.00004	-0.00002	-0.00714	0.00010	-0.00012	0.00000

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GLOBAL

1	0.00000	0.00000	-0.00438	-0.00012	0.00006	0.00000
2	0.00000	0.00000	-0.00357	-0.00003	-0.00002	0.00000
3	0.00000	0.00000	-0.00016	-0.00001	0.00000	0.00000
4	0.00000	0.00000	-0.00033	-0.00001	0.00001	0.00000
5	0.00001	0.00000	-0.00004	0.00000	0.00001	0.00000
6	-0.00001	0.00000	0.00004	0.00001	0.00000	0.00000
7	0.00000	0.00001	-0.00021	-0.00005	0.00003	0.00000
8	0.00000	-0.00001	0.00021	0.00005	-0.00003	0.00000
9	0.00002	0.00001	-0.01086	-0.00022	0.00006	0.00000
10	0.00000	0.00001	-0.01079	-0.00021	0.00005	0.00000
11	0.00001	0.00001	-0.01102	-0.00026	0.00007	0.00000
12	0.00001	0.00000	-0.01064	-0.00017	0.00003	0.00000
13	0.00002	0.00001	-0.01088	-0.00022	0.00006	0.00000
14	0.00000	0.00001	-0.01081	-0.00021	0.00005	0.00000
15	0.00001	0.00001	-0.01103	-0.00026	0.00008	0.00000
16	0.00001	0.00000	-0.01065	-0.00017	0.00003	0.00000
17	0.00002	0.00000	-0.01065	-0.00021	0.00006	0.00000
18	0.00000	0.00001	-0.01054	-0.00019	0.00004	0.00000

19	0.00001	0.00001	-0.01091	-0.00027	0.00009	0.00000
20	0.00001	0.00000	-0.01028	-0.00013	0.00001	0.00000
21	0.00001	0.00000	-0.00830	-0.00016	0.00004	0.00000
22	0.00000	0.00000	-0.00826	-0.00016	0.00004	0.00000
23	0.00001	0.00001	-0.00840	-0.00019	0.00005	0.00000
24	0.00001	0.00000	-0.00815	-0.00013	0.00002	0.00000
25	0.00001	0.00000	-0.00831	-0.00017	0.00004	0.00000
26	0.00000	0.00000	-0.00827	-0.00016	0.00004	0.00000
27	0.00001	0.00001	-0.00841	-0.00019	0.00006	0.00000
28	0.00001	0.00000	-0.00816	-0.00013	0.00002	0.00000
29	0.00002	0.00000	-0.00816	-0.00016	0.00004	0.00000
30	0.00000	0.00000	-0.00809	-0.00015	0.00003	0.00000
31	0.00001	0.00001	-0.00833	-0.00020	0.00006	0.00000
32	0.00001	0.00000	-0.00791	-0.00011	0.00001	0.00000
33	0.00001	0.00000	-0.00795	-0.00015	0.00003	0.00000
34	0.00001	0.00000	-0.00802	-0.00015	0.00004	0.00000
35	0.00001	0.00000	-0.00796	-0.00015	0.00004	0.00000
36	0.00001	0.00000	-0.00795	-0.00015	0.00003	0.00000
37	0.00001	0.00000	-0.00800	-0.00016	0.00004	0.00000
38	0.00001	0.00000	-0.00791	-0.00014	0.00003	0.00000
39	0.00001	0.00000	-0.00795	-0.00015	0.00003	0.00000
40	0.00018	-0.00001	-0.00082	-0.00006	0.00011	-0.00001
41	0.00016	0.00000	-0.00085	-0.00007	0.00012	-0.00001
42	-0.00002	0.00007	-0.00197	-0.00046	0.00020	0.00000
43	0.00000	0.00006	-0.00165	-0.00038	0.00016	0.00000
44	0.00019	0.00002	-0.00936	-0.00035	0.00020	-0.00001
45	0.00020	-0.00002	-0.00818	-0.00007	0.00008	-0.00002
46	0.00019	0.00002	-0.00926	-0.00033	0.00019	-0.00001
47	0.00019	-0.00002	-0.00828	-0.00009	0.00009	-0.00001
48	-0.00018	0.00003	-0.00773	-0.00022	-0.00001	0.00002
49	-0.00017	-0.00001	-0.00655	0.00005	-0.00013	0.00001
50	-0.00018	0.00003	-0.00763	-0.00020	-0.00002	0.00002
51	-0.00018	-0.00001	-0.00664	0.00003	-0.00012	0.00001
52	0.00016	0.00002	-0.00940	-0.00036	0.00021	-0.00001
53	0.00017	-0.00002	-0.00821	-0.00008	0.00009	-0.00001
54	0.00017	0.00002	-0.00930	-0.00034	0.00020	-0.00001
55	0.00017	-0.00002	-0.00831	-0.00011	0.00011	-0.00001
56	-0.00016	0.00003	-0.00770	-0.00021	-0.00003	0.00001
57	-0.00015	-0.00002	-0.00651	0.00007	-0.00014	0.00001
58	-0.00015	0.00002	-0.00760	-0.00019	-0.00004	0.00001
59	-0.00015	-0.00001	-0.00661	0.00004	-0.00013	0.00001
60	0.00005	0.00008	-0.01017	-0.00063	0.00026	0.00000
61	-0.00006	0.00008	-0.00968	-0.00059	0.00020	0.00001
62	0.00004	0.00008	-0.01018	-0.00063	0.00027	0.00000
63	-0.00006	0.00008	-0.00967	-0.00059	0.00020	0.00001
64	0.00008	-0.00007	-0.00623	0.00030	-0.00013	-0.00001
65	-0.00003	-0.00007	-0.00574	0.00033	-0.00020	0.00000
66	0.00007	-0.00007	-0.00624	0.00029	-0.00013	-0.00001
67	-0.00002	-0.00007	-0.00573	0.00034	-0.00020	0.00000
68	0.00006	0.00006	-0.00985	-0.00055	0.00023	0.00000

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GLOBAL

69	-0.00005	0.00006	-0.00936	-0.00051	0.00016	0.00001
70	0.00005	0.00006	-0.00986	-0.00055	0.00023	0.00000
71	-0.00004	0.00006	-0.00935	-0.00051	0.00016	0.00001
72	0.00007	-0.00006	-0.00655	0.00022	-0.00010	-0.00001
73	-0.00004	-0.00005	-0.00606	0.00026	-0.00016	0.00000
74	0.00006	-0.00006	-0.00656	0.00021	-0.00009	-0.00001
75	-0.00004	-0.00005	-0.00605	0.00026	-0.00016	0.00000
1	0.00000	0.00000	-0.00433	0.00011	-0.00005	0.00000
2	0.00000	0.00000	-0.00360	0.00003	0.00002	0.00000
3	0.00000	0.00000	-0.00016	0.00001	0.00000	0.00000
4	0.00000	0.00000	-0.00033	0.00001	-0.00001	0.00000
5	0.00000	0.00000	0.00003	-0.00001	0.00000	0.00000
6	0.00000	0.00000	-0.00004	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00018	-0.00004	0.00003	0.00000
8	0.00000	0.00000	-0.00018	0.00004	-0.00003	0.00000
9	0.00000	0.00000	-0.01075	0.00020	-0.00003	0.00000
10	0.00000	0.00000	-0.01081	0.00020	-0.00004	0.00000
11	0.00000	0.00000	-0.01062	0.00016	-0.00001	0.00000
12	0.00000	0.00000	-0.01095	0.00024	-0.00006	0.00000
13	0.00000	0.00000	-0.01076	0.00020	-0.00004	0.00000
14	0.00000	0.00000	-0.01082	0.00021	-0.00004	0.00000
15	0.00000	0.00000	-0.01063	0.00016	-0.00001	0.00000
16	0.00000	0.00000	-0.01096	0.00024	-0.00006	0.00000
17	0.00000	0.00000	-0.01050	0.00018	-0.00003	0.00000
18	0.00000	0.00000	-0.01060	0.00020	-0.00004	0.00000
19	0.00000	0.00000	-0.01027	0.00013	0.00001	0.00000
20	0.00000	0.00000	-0.01082	0.00026	-0.00007	0.00000
21	0.00000	0.00000	-0.00822	0.00015	-0.00002	0.00000
22	0.00000	0.00000	-0.00827	0.00016	-0.00003	0.00000
23	0.00000	0.00000	-0.00813	0.00013	-0.00001	0.00000
24	0.00000	0.00000	-0.00835	0.00018	-0.00004	0.00000
25	0.00000	0.00000	-0.00823	0.00015	-0.00003	0.00000
26	0.00000	0.00000	-0.00827	0.00016	-0.00003	0.00000
27	0.00000	0.00000	-0.00814	0.00013	-0.00001	0.00000
28	0.00000	0.00000	-0.00836	0.00018	-0.00004	0.00000
29	0.00000	0.00000	-0.00806	0.00014	-0.00002	0.00000
30	0.00000	0.00000	-0.00812	0.00015	-0.00003	0.00000
31	0.00000	0.00000	-0.00790	0.00010	0.00000	0.00000
32	0.00000	0.00000	-0.00827	0.00019	-0.00005	0.00000
33	0.00000	0.00000	-0.00792	0.00014	-0.00002	0.00000
34	0.00000	0.00000	-0.00799	0.00014	-0.00003	0.00000
35	0.00000	0.00000	-0.00792	0.00014	-0.00002	0.00000
36	0.00000	0.00000	-0.00793	0.00014	-0.00002	0.00000
37	0.00000	0.00000	-0.00789	0.00013	-0.00002	0.00000
38	0.00000	0.00000	-0.00796	0.00015	-0.00003	0.00000
39	0.00000	0.00000	-0.00792	0.00014	-0.00002	0.00000
40	0.00001	0.00000	0.00075	-0.00007	0.00011	0.00000
41	0.00001	0.00000	0.00073	-0.00006	0.00009	0.00000
42	0.00000	0.00000	0.00149	-0.00036	0.00016	0.00000

43	0.00000	0.00000	0.00178	-0.00043	0.00020	0.00000
44	0.00001	0.00000	-0.00673	-0.00004	0.00013	0.00000
45	0.00001	0.00000	-0.00762	0.00018	0.00003	0.00000
46	0.00001	0.00000	-0.00664	-0.00006	0.00014	0.00000
47	0.00001	0.00000	-0.00771	0.00020	0.00002	0.00000
48	-0.00001	0.00000	-0.00823	0.00010	-0.00008	0.00000
49	-0.00001	0.00000	-0.00912	0.00031	-0.00018	0.00000
50	-0.00001	0.00000	-0.00814	0.00008	-0.00007	0.00000
51	-0.00001	0.00000	-0.00921	0.00034	-0.00019	0.00000
52	0.00001	0.00000	-0.00675	-0.00003	0.00012	0.00000
53	0.00001	0.00000	-0.00764	0.00019	0.00002	0.00000
54	0.00001	0.00000	-0.00666	-0.00005	0.00013	0.00000
55	0.00001	0.00000	-0.00773	0.00021	0.00001	0.00000
56	-0.00001	0.00000	-0.00821	0.00009	-0.00007	0.00000
57	-0.00001	0.00000	-0.00910	0.00031	-0.00017	0.00000
58	-0.00001	0.00000	-0.00812	0.00007	-0.00006	0.00000
59	-0.00001	0.00000	-0.00919	0.00033	-0.00018	0.00000
60	0.00000	0.00000	-0.00621	-0.00024	0.00017	0.00000
61	0.00000	0.00000	-0.00666	-0.00020	0.00011	0.00000
62	0.00001	0.00000	-0.00622	-0.00024	0.00017	0.00000
63	0.00000	0.00000	-0.00665	-0.00020	0.00011	0.00000
64	0.00000	0.00000	-0.00919	0.00048	-0.00016	0.00000
65	0.00000	0.00000	-0.00964	0.00052	-0.00022	0.00000
66	0.00000	0.00000	-0.00919	0.00048	-0.00016	0.00000
67	0.00000	0.00000	-0.00963	0.00051	-0.00022	0.00000
68	0.00000	0.00000	-0.00592	-0.00031	0.00021	0.00000
69	0.00000	0.00000	-0.00637	-0.00027	0.00014	0.00000
70	0.00000	0.00000	-0.00593	-0.00031	0.00020	0.00000
71	0.00000	0.00000	-0.00637	-0.00027	0.00015	0.00000
72	0.00000	0.00000	-0.00948	0.00055	-0.00019	0.00000
73	0.00000	0.00000	-0.00993	0.00059	-0.00026	0.00000
74	0.00000	0.00000	-0.00948	0.00055	-0.00020	0.00000
75	0.00000	0.00000	-0.00992	0.00059	-0.00025	0.00000

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GLOBAL

1	0.00000	0.00000	-0.00429	0.00010	-0.00003	0.00000
2	0.00000	0.00000	-0.00362	0.00003	0.00003	0.00000
3	0.00000	0.00000	-0.00016	0.00001	0.00000	0.00000
4	0.00000	0.00000	-0.00032	0.00001	0.00000	0.00000
5	0.00000	0.00000	0.00003	0.00000	0.00000	0.00000
6	0.00000	0.00000	-0.00003	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00015	-0.00004	0.00003	0.00000
8	0.00000	0.00000	-0.00016	0.00004	-0.00002	0.00000
9	0.00000	0.00000	-0.01073	0.00018	0.00000	0.00000
10	0.00000	0.00000	-0.01079	0.00019	0.00000	0.00000
11	0.00000	0.00000	-0.01062	0.00015	0.00002	0.00000
12	0.00000	0.00000	-0.01090	0.00022	-0.00002	0.00000
13	0.00000	0.00000	-0.01074	0.00018	0.00000	0.00000
14	0.00000	0.00000	-0.01080	0.00019	-0.00001	0.00000
15	0.00000	0.00000	-0.01063	0.00015	0.00002	0.00000
16	0.00000	0.00000	-0.01091	0.00022	-0.00002	0.00000

17	0.00000	0.00000	-0.01048	0.00017	0.00000	0.00000
18	0.00000	0.00000	-0.01057	0.00018	-0.00001	0.00000
19	0.00000	0.00000	-0.01030	0.00012	0.00004	0.00000
20	0.00000	0.00000	-0.01076	0.00024	-0.00004	0.00000
21	0.00000	0.00000	-0.00821	0.00014	0.00000	0.00000
22	0.00000	0.00000	-0.00825	0.00014	0.00000	0.00000
23	0.00000	0.00000	-0.00814	0.00012	0.00002	0.00000
24	0.00000	0.00000	-0.00832	0.00016	-0.00001	0.00000
25	0.00000	0.00000	-0.00822	0.00014	0.00000	0.00000
26	0.00000	0.00000	-0.00825	0.00015	0.00000	0.00000
27	0.00000	0.00000	-0.00814	0.00012	0.00001	0.00000
28	0.00000	0.00000	-0.00833	0.00017	-0.00002	0.00000
29	0.00000	0.00000	-0.00804	0.00013	0.00000	0.00000
30	0.00000	0.00000	-0.00810	0.00014	0.00000	0.00000
31	0.00000	0.00000	-0.00792	0.00010	0.00003	0.00000
32	0.00000	0.00000	-0.00823	0.00017	-0.00003	0.00000
33	0.00000	0.00000	-0.00791	0.00013	0.00000	0.00000
34	0.00000	0.00000	-0.00798	0.00013	0.00000	0.00000
35	0.00000	0.00000	-0.00790	0.00013	0.00000	0.00000
36	0.00000	0.00000	-0.00792	0.00013	0.00000	0.00000
37	0.00000	0.00000	-0.00788	0.00012	0.00001	0.00000
38	0.00000	0.00000	-0.00794	0.00014	0.00000	0.00000
39	0.00000	0.00000	-0.00791	0.00013	0.00000	0.00000
40	0.00002	0.00000	0.00064	-0.00006	0.00009	0.00000
41	0.00003	0.00000	0.00064	-0.00006	0.00008	0.00000
42	0.00000	0.00000	0.00131	-0.00032	0.00015	0.00000
43	0.00000	0.00000	0.00156	-0.00039	0.00019	0.00000
44	0.00003	0.00000	-0.00688	-0.00003	0.00014	0.00000
45	0.00003	0.00000	-0.00767	0.00017	0.00005	0.00000
46	0.00003	0.00000	-0.00680	-0.00005	0.00015	0.00000
47	0.00003	0.00000	-0.00774	0.00018	0.00004	0.00000
48	-0.00002	0.00000	-0.00816	0.00010	-0.00005	0.00000
49	-0.00002	0.00000	-0.00894	0.00029	-0.00014	0.00000
50	-0.00002	0.00000	-0.00808	0.00008	-0.00004	0.00000
51	-0.00002	0.00000	-0.00902	0.00031	-0.00015	0.00000
52	0.00003	0.00000	-0.00688	-0.00002	0.00012	0.00000
53	0.00003	0.00000	-0.00767	0.00017	0.00003	0.00000
54	0.00003	0.00000	-0.00680	-0.00004	0.00013	0.00000
55	0.00003	0.00000	-0.00774	0.00019	0.00002	0.00000
56	-0.00003	0.00000	-0.00815	0.00009	-0.00003	0.00000
57	-0.00003	0.00000	-0.00894	0.00028	-0.00012	0.00000
58	-0.00003	0.00000	-0.00808	0.00007	-0.00002	0.00000
59	-0.00003	0.00000	-0.00902	0.00030	-0.00013	0.00000
60	0.00001	0.00000	-0.00640	-0.00021	0.00018	0.00000
61	-0.00001	0.00000	-0.00679	-0.00017	0.00012	0.00000
62	0.00001	0.00000	-0.00640	-0.00021	0.00017	0.00000
63	-0.00001	0.00000	-0.00679	-0.00018	0.00013	0.00000
64	0.00001	0.00000	-0.00903	0.00043	-0.00012	0.00000
65	-0.00001	0.00000	-0.00942	0.00047	-0.00018	0.00000
66	0.00001	0.00000	-0.00903	0.00044	-0.00013	0.00000

67	-0.00001	0.00000	-0.00942	0.00047	-0.00017	0.00000
68	0.00001	0.00000	-0.00616	-0.00028	0.00021	0.00000
69	-0.00001	0.00000	-0.00654	-0.00024	0.00016	0.00000
70	0.00001	0.00000	-0.00616	-0.00027	0.00021	0.00000
71	-0.00001	0.00000	-0.00654	-0.00024	0.00016	0.00000
72	0.00001	0.00000	-0.00928	0.00050	-0.00016	0.00000
73	-0.00001	0.00000	-0.00967	0.00054	-0.00021	0.00000
74	0.00001	0.00000	-0.00928	0.00050	-0.00016	0.00000
75	-0.00001	0.00000	-0.00967	0.00053	-0.00021	0.00000
1	0.00000	0.00000	-0.00427	0.00010	0.00000	0.00000
2	0.00000	0.00000	-0.00366	0.00002	0.00003	0.00000
3	0.00000	0.00000	-0.00016	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00032	0.00001	0.00000	0.00000
5	0.00000	0.00000	0.00003	0.00000	0.00000	0.00000
6	0.00000	0.00000	-0.00003	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00013	-0.00003	0.00002	0.00000
8	0.00000	0.00000	-0.00013	0.00003	-0.00002	0.00000
9	0.00000	0.00000	-0.01076	0.00017	0.00004	0.00000
10	0.00000	0.00000	-0.01081	0.00018	0.00004	0.00000
11	0.00000	0.00000	-0.01067	0.00014	0.00006	0.00000
12	0.00000	0.00000	-0.01090	0.00020	0.00002	0.00000
13	0.00000	0.00000	-0.01077	0.00017	0.00004	0.00000
14	0.00000	0.00000	-0.01081	0.00018	0.00004	0.00000
15	0.00000	0.00000	-0.01067	0.00015	0.00006	0.00000
16	0.00000	0.00000	-0.01091	0.00020	0.00002	0.00000
17	0.00000	0.00000	-0.01051	0.00016	0.00004	0.00000
18	0.00000	0.00000	-0.01059	0.00017	0.00003	0.00000
19	0.00000	0.00000	-0.01036	0.00012	0.00007	0.00000
20	0.00000	0.00000	-0.01074	0.00022	0.00001	0.00000
21	0.00000	0.00000	-0.00823	0.00013	0.00003	0.00000
22	0.00000	0.00000	-0.00826	0.00013	0.00003	0.00000
23	0.00000	0.00000	-0.00817	0.00011	0.00005	0.00000
24	0.00000	0.00000	-0.00833	0.00015	0.00002	0.00000
25	0.00000	0.00000	-0.00823	0.00013	0.00003	0.00000
26	0.00000	0.00000	-0.00827	0.00013	0.00003	0.00000
27	0.00000	0.00000	-0.00817	0.00011	0.00004	0.00000
28	0.00000	0.00000	-0.00833	0.00015	0.00002	0.00000
29	0.00000	0.00000	-0.00806	0.00012	0.00003	0.00000
30	0.00000	0.00000	-0.00811	0.00013	0.00003	0.00000
31	0.00000	0.00000	-0.00796	0.00009	0.00005	0.00000
32	0.00000	0.00000	-0.00822	0.00016	0.00001	0.00000
33	0.00000	0.00000	-0.00793	0.00012	0.00003	0.00000
34	0.00000	0.00000	-0.00799	0.00012	0.00003	0.00000
35	0.00000	0.00000	-0.00792	0.00012	0.00003	0.00000
36	0.00000	0.00000	-0.00793	0.00012	0.00003	0.00000
37	0.00000	0.00000	-0.00790	0.00011	0.00003	0.00000
38	0.00000	0.00000	-0.00795	0.00013	0.00002	0.00000
39	0.00000	0.00000	-0.00793	0.00012	0.00003	0.00000
40	0.00004	0.00000	0.00054	-0.00005	0.00008	0.00000

41	0.00004	0.00000	0.00056	-0.00005	0.00007	0.00000
42	0.00000	0.00000	0.00116	-0.00029	0.00013	0.00000
43	0.00000	0.00000	0.00137	-0.00034	0.00016	0.00000
44	0.00004	0.00000	-0.00704	-0.00002	0.00015	0.00000
45	0.00004	0.00000	-0.00773	0.00015	0.00007	0.00000
46	0.00004	0.00000	-0.00697	-0.00004	0.00016	0.00000
47	0.00004	0.00000	-0.00780	0.00017	0.00006	0.00000
48	-0.00004	0.00000	-0.00812	0.00009	-0.00002	0.00000
49	-0.00004	0.00000	-0.00882	0.00026	-0.00009	0.00000
50	-0.00004	0.00000	-0.00806	0.00007	-0.00001	0.00000
51	-0.00004	0.00000	-0.00888	0.00028	-0.00010	0.00000
52	0.00005	0.00000	-0.00702	-0.00002	0.00014	0.00000
53	0.00004	0.00000	-0.00772	0.00016	0.00006	0.00000
54	0.00004	0.00000	-0.00696	-0.00003	0.00015	0.00000
55	0.00005	0.00000	-0.00778	0.00017	0.00005	0.00000
56	-0.00004	0.00000	-0.00814	0.00009	0.00000	0.00000
57	-0.00004	0.00000	-0.00883	0.00026	-0.00008	0.00000
58	-0.00004	0.00000	-0.00807	0.00007	0.00001	0.00000
59	-0.00004	0.00000	-0.00890	0.00028	-0.00009	0.00000
60	0.00001	0.00000	-0.00660	-0.00018	0.00018	0.00000
61	-0.00001	0.00000	-0.00693	-0.00015	0.00013	0.00000
62	0.00002	0.00000	-0.00660	-0.00018	0.00018	0.00000
63	-0.00001	0.00000	-0.00693	-0.00015	0.00014	0.00000
64	0.00001	0.00000	-0.00892	0.00039	-0.00008	0.00000
65	-0.00001	0.00000	-0.00925	0.00043	-0.00013	0.00000
66	0.00001	0.00000	-0.00892	0.00039	-0.00008	0.00000
67	-0.00001	0.00000	-0.00925	0.00043	-0.00012	0.00000
68	0.00001	0.00000	-0.00639	-0.00024	0.00022	0.00000
69	-0.00001	0.00000	-0.00672	-0.00021	0.00017	0.00000
70	0.00001	0.00000	-0.00639	-0.00024	0.00021	0.00000
71	-0.00001	0.00000	-0.00672	-0.00021	0.00017	0.00000
72	0.00001	0.00000	-0.00914	0.00045	-0.00011	0.00000
73	-0.00001	0.00000	-0.00946	0.00048	-0.00016	0.00000
74	0.00002	0.00000	-0.00913	0.00045	-0.00011	0.00000
75	-0.00001	0.00000	-0.00947	0.00048	-0.00015	0.00000

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GLOBAL

1	0.00000	0.00000	-0.00428	0.00009	0.00002	0.00000
2	0.00000	0.00000	-0.00369	0.00002	0.00003	0.00000
3	0.00000	0.00000	-0.00016	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00033	0.00001	0.00000	0.00000
5	0.00000	0.00000	0.00002	0.00000	0.00000	0.00000
6	0.00000	0.00000	-0.00002	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00011	-0.00003	0.00002	0.00000
8	0.00000	0.00000	-0.00011	0.00003	-0.00002	0.00000
9	0.00000	0.00000	-0.01083	0.00016	0.00007	0.00000
10	0.00000	0.00000	-0.01087	0.00016	0.00007	0.00000
11	0.00000	0.00000	-0.01076	0.00013	0.00009	0.00000
12	0.00000	0.00000	-0.01095	0.00018	0.00006	0.00000
13	0.00000	0.00000	-0.01083	0.00016	0.00007	0.00000
14	0.00000	0.00000	-0.01087	0.00016	0.00007	0.00000

15	0.00000	0.00000	-0.01076	0.00014	0.00009	0.00000
16	0.00000	0.00000	-0.01095	0.00019	0.00005	0.00000
17	0.00001	0.00000	-0.01057	0.00015	0.00007	0.00000
18	0.00000	0.00000	-0.01064	0.00016	0.00006	0.00000
19	0.00000	0.00000	-0.01045	0.00011	0.00009	0.00000
20	0.00000	0.00000	-0.01077	0.00020	0.00004	0.00000
21	0.00000	0.00000	-0.00828	0.00012	0.00006	0.00000
22	0.00000	0.00000	-0.00831	0.00012	0.00005	0.00000
23	0.00000	0.00000	-0.00823	0.00010	0.00007	0.00000
24	0.00000	0.00000	-0.00836	0.00014	0.00004	0.00000
25	0.00000	0.00000	-0.00828	0.00012	0.00005	0.00000
26	0.00000	0.00000	-0.00831	0.00012	0.00005	0.00000
27	0.00000	0.00000	-0.00823	0.00011	0.00006	0.00000
28	0.00000	0.00000	-0.00836	0.00014	0.00004	0.00000
29	0.00000	0.00000	-0.00811	0.00011	0.00005	0.00000
30	0.00000	0.00000	-0.00816	0.00012	0.00005	0.00000
31	0.00000	0.00000	-0.00803	0.00009	0.00007	0.00000
32	0.00000	0.00000	-0.00824	0.00015	0.00003	0.00000
33	0.00000	0.00000	-0.00797	0.00011	0.00005	0.00000
34	0.00000	0.00000	-0.00804	0.00011	0.00005	0.00000
35	0.00000	0.00000	-0.00797	0.00011	0.00005	0.00000
36	0.00000	0.00000	-0.00798	0.00011	0.00005	0.00000
37	0.00000	0.00000	-0.00795	0.00011	0.00005	0.00000
38	0.00000	0.00000	-0.00799	0.00012	0.00004	0.00000
39	0.00000	0.00000	-0.00797	0.00011	0.00005	0.00000
40	0.00005	0.00000	0.00045	-0.00005	0.00008	0.00000
41	0.00006	0.00000	0.00048	-0.00005	0.00007	0.00000
42	0.00000	0.00000	0.00103	-0.00025	0.00011	0.00000
43	0.00000	0.00000	0.00121	-0.00030	0.00013	0.00000
44	0.00005	0.00000	-0.00721	-0.00001	0.00016	0.00000
45	0.00005	0.00000	-0.00783	0.00014	0.00010	0.00000
46	0.00005	0.00000	-0.00716	-0.00003	0.00017	0.00000
47	0.00005	0.00000	-0.00788	0.00016	0.00009	0.00000
48	-0.00005	0.00000	-0.00811	0.00008	0.00000	0.00000
49	-0.00005	0.00000	-0.00873	0.00024	-0.00007	0.00000
50	-0.00005	0.00000	-0.00806	0.00007	0.00001	0.00000
51	-0.00005	0.00000	-0.00878	0.00025	-0.00007	0.00000
52	0.00006	0.00000	-0.00718	-0.00001	0.00015	0.00000
53	0.00006	0.00000	-0.00780	0.00014	0.00009	0.00000
54	0.00006	0.00000	-0.00713	-0.00003	0.00016	0.00000
55	0.00006	0.00000	-0.00785	0.00015	0.00008	0.00000
56	-0.00006	0.00000	-0.00814	0.00008	0.00001	0.00000
57	-0.00006	0.00000	-0.00876	0.00024	-0.00006	0.00000
58	-0.00006	0.00000	-0.00809	0.00007	0.00001	0.00000
59	-0.00006	0.00000	-0.00881	0.00025	-0.00007	0.00000
60	0.00002	0.00000	-0.00681	-0.00016	0.00018	0.00000
61	-0.00001	0.00000	-0.00708	-0.00013	0.00013	0.00000
62	0.00002	0.00000	-0.00680	-0.00016	0.00018	0.00000
63	-0.00001	0.00000	-0.00709	-0.00013	0.00013	0.00000
64	0.00001	0.00000	-0.00886	0.00035	-0.00003	0.00000

40

GLOBAL

65	-0.00002	0.00000	-0.00913	0.00038	-0.00008	0.00000
66	0.00002	0.00000	-0.00886	0.00035	-0.00004	0.00000
67	-0.00002	0.00000	-0.00914	0.00038	-0.00008	0.00000
68	0.00002	0.00000	-0.00663	-0.00020	0.00021	0.00000
69	-0.00002	0.00000	-0.00690	-0.00018	0.00016	0.00000
70	0.00002	0.00000	-0.00662	-0.00020	0.00020	0.00000
71	-0.00002	0.00000	-0.00691	-0.00017	0.00016	0.00000
72	0.00002	0.00000	-0.00904	0.00040	-0.00006	0.00000
73	-0.00001	0.00000	-0.00931	0.00043	-0.00011	0.00000
74	0.00002	0.00000	-0.00904	0.00040	-0.00006	0.00000
75	-0.00001	0.00000	-0.00932	0.00043	-0.00011	0.00000
1	0.00000	0.00000	-0.00430	0.00008	0.00002	0.00000
2	0.00000	0.00000	-0.00372	0.00002	0.00003	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00033	0.00001	0.00000	0.00000
5	0.00000	0.00000	0.00002	0.00000	0.00000	0.00000
6	0.00000	0.00000	-0.00002	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00009	-0.00002	0.00001	0.00000
8	0.00000	0.00000	-0.00009	0.00002	-0.00001	0.00000
9	0.00001	0.00000	-0.01091	0.00014	0.00008	0.00000
10	0.00000	0.00000	-0.01095	0.00015	0.00007	0.00000
11	0.00000	0.00000	-0.01086	0.00012	0.00009	0.00000
12	0.00000	0.00000	-0.01101	0.00017	0.00006	0.00000
13	0.00001	0.00000	-0.01091	0.00015	0.00007	0.00000
14	0.00000	0.00000	-0.01095	0.00015	0.00007	0.00000
15	0.00000	0.00000	-0.01085	0.00013	0.00008	0.00000
16	0.00000	0.00000	-0.01101	0.00017	0.00006	0.00000
17	0.00001	0.00000	-0.01065	0.00014	0.00007	0.00000
18	0.00000	0.00000	-0.01071	0.00014	0.00006	0.00000
19	0.00000	0.00000	-0.01055	0.00011	0.00009	0.00000
20	0.00000	0.00000	-0.01082	0.00018	0.00005	0.00000
21	0.00000	0.00000	-0.00835	0.00011	0.00006	0.00000
22	0.00000	0.00000	-0.00837	0.00011	0.00005	0.00000
23	0.00000	0.00000	-0.00831	0.00010	0.00006	0.00000
24	0.00000	0.00000	-0.00841	0.00012	0.00005	0.00000
25	0.00000	0.00000	-0.00835	0.00011	0.00006	0.00000
26	0.00000	0.00000	-0.00837	0.00011	0.00005	0.00000
27	0.00000	0.00000	-0.00831	0.00010	0.00006	0.00000
28	0.00000	0.00000	-0.00841	0.00013	0.00005	0.00000
29	0.00001	0.00000	-0.00817	0.00011	0.00006	0.00000
30	0.00000	0.00000	-0.00821	0.00011	0.00005	0.00000
31	0.00000	0.00000	-0.00811	0.00009	0.00007	0.00000
32	0.00000	0.00000	-0.00828	0.00013	0.00004	0.00000
33	0.00000	0.00000	-0.00803	0.00010	0.00005	0.00000
34	0.00000	0.00000	-0.00809	0.00011	0.00005	0.00000
35	0.00000	0.00000	-0.00802	0.00010	0.00005	0.00000
36	0.00000	0.00000	-0.00803	0.00010	0.00005	0.00000
37	0.00000	0.00000	-0.00801	0.00010	0.00005	0.00000
38	0.00000	0.00000	-0.00804	0.00011	0.00005	0.00000

39	0.00000	0.00000	-0.00803	0.00010	0.00005	0.00000
40	0.00006	0.00000	0.00036	-0.00004	0.00009	0.00000
41	0.00007	0.00000	0.00039	-0.00004	0.00009	0.00000
42	0.00000	0.00000	0.00092	-0.00022	0.00008	0.00000
43	0.00000	0.00000	0.00108	-0.00026	0.00011	0.00000
44	0.00007	0.00000	-0.00739	0.00000	0.00017	0.00000
45	0.00007	0.00000	-0.00795	0.00013	0.00012	0.00000
46	0.00007	0.00000	-0.00735	-0.00002	0.00017	0.00000
47	0.00007	0.00000	-0.00799	0.00014	0.00011	0.00000
48	-0.00006	0.00000	-0.00810	0.00008	-0.00002	0.00000
49	-0.00006	0.00000	-0.00866	0.00021	-0.00007	0.00000
50	-0.00006	0.00000	-0.00806	0.00007	-0.00001	0.00000
51	-0.00006	0.00000	-0.00871	0.00022	-0.00008	0.00000
52	0.00008	0.00000	-0.00736	-0.00001	0.00016	0.00000
53	0.00007	0.00000	-0.00791	0.00013	0.00011	0.00000
54	0.00008	0.00000	-0.00731	-0.00002	0.00017	0.00000
55	0.00008	0.00000	-0.00796	0.00014	0.00011	0.00000
56	-0.00007	0.00000	-0.00814	0.00008	-0.00002	0.00000
57	-0.00007	0.00000	-0.00869	0.00021	-0.00007	0.00000
58	-0.00007	0.00000	-0.00809	0.00007	-0.00001	0.00000
59	-0.00007	0.00000	-0.00874	0.00023	-0.00007	0.00000
60	0.00002	0.00000	-0.00700	-0.00013	0.00016	0.00000
61	-0.00001	0.00000	-0.00721	-0.00011	0.00011	0.00000
62	0.00003	0.00000	-0.00699	-0.00013	0.00016	0.00000
63	-0.00002	0.00000	-0.00722	-0.00010	0.00011	0.00000
64	0.00002	0.00000	-0.00884	0.00031	-0.00001	0.00000
65	-0.00002	0.00000	-0.00906	0.00034	-0.00006	0.00000
66	0.00002	0.00000	-0.00883	0.00031	-0.00001	0.00000
67	-0.00002	0.00000	-0.00907	0.00034	-0.00006	0.00000
68	0.00002	0.00000	-0.00684	-0.00017	0.00018	0.00000
69	-0.00002	0.00000	-0.00706	-0.00014	0.00013	0.00000
70	0.00002	0.00000	-0.00683	-0.00017	0.00018	0.00000
71	-0.00002	0.00000	-0.00707	-0.00014	0.00013	0.00000
72	0.00002	0.00000	-0.00900	0.00035	-0.00003	0.00000
73	-0.00002	0.00000	-0.00921	0.00037	-0.00009	0.00000
74	0.00003	0.00000	-0.00899	0.00035	-0.00003	0.00000
75	-0.00002	0.00000	-0.00922	0.00038	-0.00008	0.00000

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GLOBAL

1	0.00000	0.00000	-0.00432	0.00008	-0.00001	0.00000
2	0.00000	0.00000	-0.00376	0.00002	0.00001	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00034	0.00001	0.00000	0.00000
5	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
6	0.00000	0.00000	-0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00006	-0.00002	0.00001	0.00000
8	0.00000	0.00000	-0.00007	0.00002	-0.00001	0.00000
9	0.00001	0.00000	-0.01099	0.00013	0.00000	0.00000
10	0.00000	0.00000	-0.01101	0.00014	-0.00001	0.00000
11	0.00000	0.00000	-0.01094	0.00012	0.00000	0.00000
12	0.00000	0.00000	-0.01106	0.00015	-0.00001	0.00000

13	0.00001	0.00000	-0.01099	0.00014	0.00000	0.00000
14	0.00000	0.00000	-0.01101	0.00014	-0.00001	0.00000
15	0.00000	0.00000	-0.01094	0.00012	0.00000	0.00000
16	0.00000	0.00000	-0.01106	0.00016	-0.00001	0.00000
17	0.00001	0.00000	-0.01073	0.00013	0.00000	0.00000
18	0.00000	0.00000	-0.01076	0.00013	-0.00001	0.00000
19	0.00000	0.00000	-0.01065	0.00011	0.00001	0.00000
20	0.00000	0.00000	-0.01085	0.00016	-0.00002	0.00000
21	0.00001	0.00000	-0.00840	0.00010	0.00000	0.00000
22	0.00000	0.00000	-0.00842	0.00010	-0.00001	0.00000
23	0.00000	0.00000	-0.00837	0.00009	0.00000	0.00000
24	0.00000	0.00000	-0.00845	0.00011	-0.00001	0.00000
25	0.00001	0.00000	-0.00840	0.00010	0.00000	0.00000
26	0.00000	0.00000	-0.00841	0.00011	-0.00001	0.00000
27	0.00000	0.00000	-0.00837	0.00010	0.00000	0.00000
28	0.00000	0.00000	-0.00845	0.00012	-0.00001	0.00000
29	0.00001	0.00000	-0.00823	0.00010	0.00000	0.00000
30	0.00000	0.00000	-0.00825	0.00010	-0.00001	0.00000
31	0.00000	0.00000	-0.00818	0.00008	0.00000	0.00000
32	0.00000	0.00000	-0.00831	0.00012	-0.00001	0.00000
33	0.00000	0.00000	-0.00807	0.00010	0.00000	0.00000
34	0.00000	0.00000	-0.00814	0.00010	0.00000	0.00000
35	0.00000	0.00000	-0.00807	0.00010	0.00000	0.00000
36	0.00000	0.00000	-0.00807	0.00010	0.00000	0.00000
37	0.00000	0.00000	-0.00806	0.00009	0.00000	0.00000
38	0.00000	0.00000	-0.00809	0.00010	-0.00001	0.00000
39	0.00000	0.00000	-0.00807	0.00010	0.00000	0.00000
40	0.00008	0.00000	0.00017	-0.00003	0.00007	0.00000
41	0.00010	0.00000	0.00019	-0.00003	0.00007	0.00000
42	0.00000	0.00000	0.00078	-0.00018	0.00006	0.00000
43	0.00000	0.00000	0.00089	-0.00021	0.00008	0.00000
44	0.00009	0.00000	-0.00767	0.00001	0.00008	0.00000
45	0.00009	0.00000	-0.00814	0.00012	0.00004	0.00000
46	0.00009	0.00000	-0.00764	0.00001	0.00009	0.00000
47	0.00009	0.00000	-0.00818	0.00013	0.00004	0.00000
48	-0.00008	0.00000	-0.00800	0.00007	-0.00005	0.00000
49	-0.00008	0.00000	-0.00847	0.00018	-0.00009	0.00000
50	-0.00008	0.00000	-0.00797	0.00006	-0.00005	0.00000
51	-0.00008	0.00000	-0.00851	0.00019	-0.00010	0.00000
52	0.00010	0.00000	-0.00764	0.00001	0.00008	0.00000
53	0.00010	0.00000	-0.00811	0.00012	0.00005	0.00000
54	0.00010	0.00000	-0.00761	0.00000	0.00009	0.00000
55	0.00010	0.00000	-0.00815	0.00013	0.00004	0.00000
56	-0.00009	0.00000	-0.00803	0.00008	-0.00006	0.00000
57	-0.00010	0.00000	-0.00850	0.00019	-0.00009	0.00000
58	-0.00010	0.00000	-0.00800	0.00007	-0.00005	0.00000
59	-0.00009	0.00000	-0.00854	0.00019	-0.00010	0.00000
60	0.00003	0.00000	-0.00724	-0.00010	0.00008	0.00000
61	-0.00002	0.00000	-0.00734	-0.00008	0.00004	0.00000
62	0.00004	0.00000	-0.00723	-0.00010	0.00008	0.00000

63	-0.00002	0.00000	-0.00735	-0.00008	0.00004	0.00000
64	0.00002	0.00000	-0.00881	0.00027	-0.00004	0.00000
65	-0.00003	0.00000	-0.00890	0.00029	-0.00008	0.00000
66	0.00003	0.00000	-0.00880	0.00027	-0.00004	0.00000
67	-0.00003	0.00000	-0.00891	0.00029	-0.00009	0.00000
68	0.00003	0.00000	-0.00713	-0.00012	0.00010	0.00000
69	-0.00003	0.00000	-0.00723	-0.00010	0.00006	0.00000
70	0.00003	0.00000	-0.00712	-0.00012	0.00010	0.00000
71	-0.00003	0.00000	-0.00724	-0.00010	0.00006	0.00000
72	0.00003	0.00000	-0.00892	0.00030	-0.00007	0.00000
73	-0.00002	0.00000	-0.00902	0.00032	-0.00011	0.00000
74	0.00003	0.00000	-0.00891	0.00030	-0.00006	0.00000
75	-0.00002	0.00000	-0.00903	0.00032	-0.00011	0.00000

42 GLOBAL

1	0.00000	0.00000	-0.00430	0.00008	-0.00001	0.00000
2	0.00000	0.00000	-0.00376	0.00002	0.00001	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00033	0.00001	0.00000	0.00000
5	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
6	0.00000	0.00000	-0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00006	-0.00002	0.00001	0.00000
8	0.00000	0.00000	-0.00006	0.00002	-0.00001	0.00000
9	0.00001	0.00000	-0.01098	0.00014	-0.00001	0.00000
10	0.00000	0.00000	-0.01100	0.00014	-0.00001	0.00000
11	0.00000	0.00000	-0.01094	0.00012	-0.00001	0.00000
12	0.00000	0.00000	-0.01104	0.00015	-0.00002	0.00000
13	0.00001	0.00000	-0.01098	0.00014	-0.00001	0.00000
14	0.00000	0.00000	-0.01099	0.00014	-0.00002	0.00000
15	0.00000	0.00000	-0.01093	0.00013	-0.00001	0.00000
16	0.00000	0.00000	-0.01104	0.00016	-0.00002	0.00000
17	0.00001	0.00000	-0.01072	0.00013	-0.00001	0.00000
18	0.00000	0.00000	-0.01074	0.00014	-0.00002	0.00000
19	0.00000	0.00000	-0.01065	0.00011	0.00000	0.00000
20	0.00000	0.00000	-0.01082	0.00016	-0.00002	0.00000
21	0.00001	0.00000	-0.00840	0.00011	-0.00001	0.00000
22	0.00000	0.00000	-0.00841	0.00011	-0.00001	0.00000
23	0.00000	0.00000	-0.00837	0.00010	-0.00001	0.00000
24	0.00000	0.00000	-0.00844	0.00012	-0.00001	0.00000
25	0.00001	0.00000	-0.00839	0.00011	-0.00001	0.00000
26	0.00000	0.00000	-0.00840	0.00011	-0.00001	0.00000
27	0.00000	0.00000	-0.00836	0.00010	-0.00001	0.00000
28	0.00000	0.00000	-0.00843	0.00012	-0.00001	0.00000
29	0.00001	0.00000	-0.00822	0.00010	-0.00001	0.00000
30	0.00000	0.00000	-0.00824	0.00011	-0.00001	0.00000
31	0.00000	0.00000	-0.00817	0.00009	0.00000	0.00000
32	0.00000	0.00000	-0.00829	0.00012	-0.00002	0.00000
33	0.00000	0.00000	-0.00806	0.00010	-0.00001	0.00000
34	0.00000	0.00000	-0.00813	0.00010	-0.00001	0.00000
35	0.00000	0.00000	-0.00806	0.00010	-0.00001	0.00000
36	0.00000	0.00000	-0.00806	0.00010	-0.00001	0.00000

37	0.00000	0.00000	-0.00805	0.00010	-0.00001	0.00000
38	0.00000	0.00000	-0.00808	0.00010	-0.00001	0.00000
39	0.00000	0.00000	-0.00806	0.00010	-0.00001	0.00000
40	0.00009	0.00000	0.00011	-0.00002	0.00003	0.00000
41	0.00011	0.00000	0.00014	-0.00003	0.00003	0.00000
42	0.00001	0.00000	0.00072	-0.00018	0.00005	0.00000
43	0.00000	0.00000	0.00081	-0.00020	0.00007	0.00000
44	0.00010	0.00000	-0.00773	0.00002	0.00004	0.00000
45	0.00009	0.00000	-0.00817	0.00013	0.00001	0.00000
46	0.00010	0.00000	-0.00771	0.00002	0.00004	0.00000
47	0.00010	0.00000	-0.00819	0.00014	0.00000	0.00000
48	-0.00009	0.00000	-0.00796	0.00007	-0.00003	0.00000
49	-0.00009	0.00000	-0.00839	0.00018	-0.00006	0.00000
50	-0.00009	0.00000	-0.00793	0.00006	-0.00002	0.00000
51	-0.00009	0.00000	-0.00842	0.00018	-0.00006	0.00000
52	0.00011	0.00000	-0.00771	0.00002	0.00004	0.00000
53	0.00011	0.00000	-0.00814	0.00013	0.00001	0.00000
54	0.00011	0.00000	-0.00768	0.00001	0.00005	0.00000
55	0.00011	0.00000	-0.00817	0.00013	0.00001	0.00000
56	-0.00010	0.00000	-0.00798	0.00007	-0.00003	0.00000
57	-0.00011	0.00000	-0.00842	0.00018	-0.00006	0.00000
58	-0.00011	0.00000	-0.00796	0.00007	-0.00002	0.00000
59	-0.00010	0.00000	-0.00845	0.00019	-0.00006	0.00000
60	0.00004	0.00000	-0.00731	-0.00008	0.00005	0.00000
61	-0.00002	0.00000	-0.00737	-0.00007	0.00003	0.00000
62	0.00004	0.00000	-0.00730	-0.00009	0.00005	0.00000
63	-0.00002	0.00000	-0.00738	-0.00007	0.00003	0.00000
64	0.00003	0.00000	-0.00875	0.00027	-0.00005	0.00000
65	-0.00003	0.00000	-0.00882	0.00028	-0.00006	0.00000
66	0.00003	0.00000	-0.00875	0.00027	-0.00004	0.00000
67	-0.00004	0.00000	-0.00883	0.00029	-0.00007	0.00000
68	0.00003	0.00000	-0.00722	-0.00010	0.00007	0.00000
69	-0.00003	0.00000	-0.00729	-0.00009	0.00005	0.00000
70	0.00003	0.00000	-0.00721	-0.00011	0.00007	0.00000
71	-0.00003	0.00000	-0.00729	-0.00009	0.00005	0.00000
72	0.00003	0.00000	-0.00884	0.00029	-0.00007	0.00000
73	-0.00002	0.00000	-0.00891	0.00030	-0.00009	0.00000
74	0.00004	0.00000	-0.00883	0.00029	-0.00007	0.00000
75	-0.00003	0.00000	-0.00892	0.00031	-0.00009	0.00000

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GLOBAL

1	0.00000	0.00000	-0.00429	0.00008	-0.00001	0.00000
2	0.00000	0.00000	-0.00377	0.00002	0.00001	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00033	0.00001	0.00000	0.00000
5	0.00001	0.00000	0.00001	0.00000	0.00000	0.00000
6	-0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00005	-0.00001	0.00000	0.00000
8	0.00000	0.00000	-0.00006	0.00002	0.00000	0.00000
9	0.00001	0.00000	-0.01097	0.00014	0.00000	0.00000
10	0.00000	0.00000	-0.01099	0.00014	0.00000	0.00000

11	0.00000	0.00000	-0.01094	0.00013	0.00000	0.00000
12	0.00000	0.00000	-0.01103	0.00016	0.00000	0.00000
13	0.00001	0.00000	-0.01097	0.00015	0.00000	0.00000
14	0.00000	0.00000	-0.01098	0.00015	0.00000	0.00000
15	0.00000	0.00000	-0.01093	0.00013	0.00000	0.00000
16	0.00000	0.00000	-0.01102	0.00016	0.00000	0.00000
17	0.00001	0.00000	-0.01071	0.00014	0.00000	0.00000
18	0.00000	0.00000	-0.01073	0.00014	0.00000	0.00000
19	0.00000	0.00000	-0.01065	0.00012	0.00001	0.00000
20	0.00000	0.00000	-0.01081	0.00017	-0.00001	0.00000
21	0.00001	0.00000	-0.00839	0.00011	0.00000	0.00000
22	0.00000	0.00000	-0.00840	0.00011	0.00000	0.00000
23	0.00000	0.00000	-0.00837	0.00010	0.00000	0.00000
24	0.00000	0.00000	-0.00843	0.00012	0.00000	0.00000
25	0.00001	0.00000	-0.00839	0.00011	0.00000	0.00000
26	0.00000	0.00000	-0.00839	0.00011	0.00000	0.00000
27	0.00000	0.00000	-0.00836	0.00010	0.00000	0.00000
28	0.00000	0.00000	-0.00842	0.00012	0.00000	0.00000
29	0.00001	0.00000	-0.00822	0.00011	0.00000	0.00000
30	0.00000	0.00000	-0.00823	0.00011	0.00000	0.00000
31	0.00000	0.00000	-0.00817	0.00009	0.00000	0.00000
32	0.00000	0.00000	-0.00828	0.00012	0.00000	0.00000
33	0.00000	0.00000	-0.00806	0.00010	0.00000	0.00000
34	0.00000	0.00000	-0.00812	0.00010	0.00000	0.00000
35	0.00000	0.00000	-0.00806	0.00010	0.00000	0.00000
36	0.00000	0.00000	-0.00806	0.00010	0.00000	0.00000
37	0.00000	0.00000	-0.00805	0.00010	0.00000	0.00000
38	0.00000	0.00000	-0.00807	0.00011	0.00000	0.00000
39	0.00000	0.00000	-0.00806	0.00010	0.00000	0.00000
40	0.00010	0.00000	0.00009	-0.00002	0.00002	0.00000
41	0.00012	0.00000	0.00011	-0.00002	0.00002	0.00000
42	0.00001	0.00000	0.00068	-0.00017	0.00003	0.00000
43	0.00000	0.00000	0.00075	-0.00019	0.00005	0.00000
44	0.00011	0.00000	-0.00776	0.00003	0.00002	0.00000
45	0.00010	0.00000	-0.00817	0.00014	0.00001	0.00000
46	0.00010	0.00000	-0.00775	0.00003	0.00003	0.00000
47	0.00011	0.00000	-0.00819	0.00014	0.00000	0.00000
48	-0.00010	0.00000	-0.00794	0.00007	-0.00001	0.00000
49	-0.00010	0.00000	-0.00835	0.00017	-0.00002	0.00000
50	-0.00010	0.00000	-0.00792	0.00006	0.00000	0.00000
51	-0.00010	0.00000	-0.00837	0.00018	-0.00003	0.00000
52	0.00012	0.00000	-0.00774	0.00003	0.00003	0.00000
53	0.00012	0.00000	-0.00815	0.00013	0.00001	0.00000
54	0.00012	0.00000	-0.00772	0.00003	0.00003	0.00000
55	0.00012	0.00000	-0.00817	0.00014	0.00000	0.00000
56	-0.00011	0.00000	-0.00796	0.00007	-0.00001	0.00000
57	-0.00012	0.00000	-0.00837	0.00017	-0.00003	0.00000
58	-0.00011	0.00000	-0.00794	0.00007	0.00000	0.00000
59	-0.00011	0.00000	-0.00839	0.00018	-0.00003	0.00000
60	0.00004	0.00000	-0.00735	-0.00007	0.00003	0.00000

61	-0.00002	0.00000	-0.00740	-0.00006	0.00002	0.00000
62	0.00005	0.00000	-0.00734	-0.00007	0.00003	0.00000
63	-0.00003	0.00000	-0.00741	-0.00006	0.00002	0.00000
64	0.00003	0.00000	-0.00871	0.00027	-0.00002	0.00000
65	-0.00003	0.00000	-0.00877	0.00028	-0.00003	0.00000
66	0.00003	0.00000	-0.00871	0.00027	-0.00002	0.00000
67	-0.00004	0.00000	-0.00877	0.00028	-0.00003	0.00000
68	0.00003	0.00000	-0.00729	-0.00009	0.00006	0.00000
69	-0.00003	0.00000	-0.00734	-0.00008	0.00005	0.00000
70	0.00004	0.00000	-0.00728	-0.00009	0.00006	0.00000
71	-0.00003	0.00000	-0.00735	-0.00008	0.00005	0.00000
72	0.00004	0.00000	-0.00878	0.00028	-0.00005	0.00000
73	-0.00003	0.00000	-0.00883	0.00029	-0.00006	0.00000
74	0.00004	0.00000	-0.00877	0.00028	-0.00005	0.00000
75	-0.00003	0.00000	-0.00884	0.00029	-0.00006	0.00000

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GLOBAL

1	0.00000	0.00000	-0.00429	0.00008	0.00001	0.00000
2	0.00000	0.00000	-0.00378	0.00002	0.00001	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00033	0.00001	0.00000	0.00000
5	0.00001	0.00000	0.00001	0.00000	0.00000	0.00000
6	-0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00005	-0.00001	0.00000	0.00000
8	0.00000	0.00000	-0.00005	0.00002	0.00000	0.00000
9	0.00001	0.00000	-0.01099	0.00015	0.00002	0.00000
10	0.00000	0.00000	-0.01099	0.00015	0.00002	0.00000
11	0.00001	0.00000	-0.01095	0.00013	0.00002	0.00000
12	0.00000	0.00000	-0.01104	0.00016	0.00002	0.00000
13	0.00001	0.00000	-0.01098	0.00015	0.00002	0.00000
14	0.00000	0.00000	-0.01099	0.00015	0.00002	0.00000
15	0.00001	0.00000	-0.01094	0.00014	0.00002	0.00000
16	0.00000	0.00000	-0.01103	0.00016	0.00002	0.00000
17	0.00001	0.00000	-0.01072	0.00014	0.00002	0.00000
18	0.00000	0.00000	-0.01074	0.00014	0.00001	0.00000
19	0.00001	0.00000	-0.01066	0.00012	0.00002	0.00000
20	0.00000	0.00000	-0.01081	0.00017	0.00001	0.00000
21	0.00001	0.00000	-0.00840	0.00011	0.00001	0.00000
22	0.00000	0.00000	-0.00841	0.00011	0.00001	0.00000
23	0.00000	0.00000	-0.00838	0.00010	0.00001	0.00000
24	0.00000	0.00000	-0.00843	0.00012	0.00001	0.00000
25	0.00001	0.00000	-0.00839	0.00011	0.00001	0.00000
26	0.00000	0.00000	-0.00840	0.00011	0.00001	0.00000
27	0.00000	0.00000	-0.00837	0.00011	0.00001	0.00000
28	0.00000	0.00000	-0.00843	0.00012	0.00001	0.00000
29	0.00001	0.00000	-0.00823	0.00011	0.00001	0.00000
30	0.00000	0.00000	-0.00823	0.00011	0.00001	0.00000
31	0.00000	0.00000	-0.00818	0.00010	0.00001	0.00000
32	0.00000	0.00000	-0.00828	0.00013	0.00001	0.00000
33	0.00000	0.00000	-0.00806	0.00010	0.00001	0.00000
34	0.00000	0.00000	-0.00813	0.00011	0.00001	0.00000

35	0.00000	0.00000	-0.00806	0.00010	0.00001	0.00000
36	0.00000	0.00000	-0.00806	0.00011	0.00001	0.00000
37	0.00000	0.00000	-0.00805	0.00010	0.00001	0.00000
38	0.00000	0.00000	-0.00807	0.00011	0.00001	0.00000
39	0.00000	0.00000	-0.00806	0.00010	0.00001	0.00000
40	0.00011	0.00000	0.00007	-0.00001	0.00002	0.00000
41	0.00013	0.00000	0.00009	-0.00001	0.00002	0.00000
42	0.00001	0.00000	0.00066	-0.00016	0.00001	0.00000
43	0.00000	0.00000	0.00070	-0.00017	0.00003	0.00000
44	0.00012	0.00000	-0.00779	0.00004	0.00003	0.00000
45	0.00011	0.00000	-0.00819	0.00014	0.00003	0.00000
46	0.00011	0.00000	-0.00778	0.00004	0.00004	0.00000
47	0.00012	0.00000	-0.00820	0.00015	0.00002	0.00000
48	-0.00011	0.00000	-0.00794	0.00007	0.00000	0.00000
49	-0.00011	0.00000	-0.00833	0.00017	-0.00001	0.00000
50	-0.00011	0.00000	-0.00793	0.00006	0.00000	0.00000
51	-0.00011	0.00000	-0.00835	0.00017	-0.00002	0.00000
52	0.00013	0.00000	-0.00778	0.00004	0.00004	0.00000
53	0.00013	0.00000	-0.00817	0.00014	0.00003	0.00000
54	0.00013	0.00000	-0.00777	0.00004	0.00004	0.00000
55	0.00013	0.00000	-0.00818	0.00014	0.00002	0.00000
56	-0.00012	0.00000	-0.00796	0.00007	-0.00001	0.00000
57	-0.00013	0.00000	-0.00835	0.00017	-0.00001	0.00000
58	-0.00012	0.00000	-0.00794	0.00007	0.00000	0.00000
59	-0.00012	0.00000	-0.00836	0.00017	-0.00002	0.00000
60	0.00004	0.00000	-0.00738	-0.00006	0.00003	0.00000
61	-0.00002	0.00000	-0.00743	-0.00006	0.00002	0.00000
62	0.00005	0.00000	-0.00738	-0.00006	0.00003	0.00000
63	-0.00003	0.00000	-0.00743	-0.00006	0.00002	0.00000
64	0.00003	0.00000	-0.00870	0.00027	0.00000	0.00000
65	-0.00004	0.00000	-0.00875	0.00027	-0.00001	0.00000
66	0.00003	0.00000	-0.00870	0.00027	0.00001	0.00000
67	-0.00004	0.00000	-0.00875	0.00027	-0.00001	0.00000
68	0.00004	0.00000	-0.00734	-0.00007	0.00005	0.00000
69	-0.00003	0.00000	-0.00739	-0.00007	0.00004	0.00000
70	0.00004	0.00000	-0.00734	-0.00007	0.00005	0.00000
71	-0.00004	0.00000	-0.00739	-0.00007	0.00004	0.00000
72	0.00004	0.00000	-0.00874	0.00028	-0.00002	0.00000
73	-0.00003	0.00000	-0.00878	0.00028	-0.00003	0.00000
74	0.00004	0.00000	-0.00874	0.00028	-0.00001	0.00000
75	-0.00003	0.00000	-0.00879	0.00028	-0.00003	0.00000

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GLOBAL

1	0.00000	0.00000	-0.00430	0.00009	0.00001	0.00000
2	0.00000	0.00000	-0.00378	0.00002	0.00000	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00034	0.00001	0.00000	0.00000
5	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
6	-0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00005	-0.00001	0.00000	0.00000
8	0.00000	0.00000	-0.00005	0.00002	0.00000	0.00000

9	0.00001	0.00000	-0.01101	0.00015	0.00002	0.00000
10	0.00000	0.00000	-0.01102	0.00015	0.00002	0.00000
11	0.00001	0.00000	-0.01097	0.00014	0.00002	0.00000
12	0.00001	0.00000	-0.01106	0.00016	0.00002	0.00000
13	0.00001	0.00000	-0.01100	0.00015	0.00002	0.00000
14	0.00000	0.00000	-0.01101	0.00015	0.00002	0.00000
15	0.00001	0.00000	-0.01097	0.00014	0.00002	0.00000
16	0.00001	0.00000	-0.01105	0.00017	0.00002	0.00000
17	0.00001	0.00000	-0.01075	0.00015	0.00002	0.00000
18	0.00000	0.00000	-0.01076	0.00015	0.00002	0.00000
19	0.00001	0.00000	-0.01069	0.00013	0.00002	0.00000
20	0.00000	0.00000	-0.01083	0.00017	0.00002	0.00000
21	0.00001	0.00000	-0.00842	0.00011	0.00002	0.00000
22	0.00000	0.00000	-0.00842	0.00011	0.00001	0.00000
23	0.00000	0.00000	-0.00839	0.00011	0.00002	0.00000
24	0.00000	0.00000	-0.00845	0.00012	0.00002	0.00000
25	0.00001	0.00000	-0.00841	0.00012	0.00002	0.00000
26	0.00000	0.00000	-0.00842	0.00012	0.00001	0.00000
27	0.00000	0.00000	-0.00839	0.00011	0.00002	0.00000
28	0.00000	0.00000	-0.00845	0.00013	0.00002	0.00000
29	0.00001	0.00000	-0.00824	0.00011	0.00002	0.00000
30	0.00000	0.00000	-0.00825	0.00011	0.00001	0.00000
31	0.00000	0.00000	-0.00820	0.00010	0.00002	0.00000
32	0.00000	0.00000	-0.00830	0.00013	0.00001	0.00000
33	0.00000	0.00000	-0.00808	0.00011	0.00001	0.00000
34	0.00000	0.00000	-0.00815	0.00011	0.00001	0.00000
35	0.00000	0.00000	-0.00808	0.00011	0.00001	0.00000
36	0.00000	0.00000	-0.00808	0.00011	0.00001	0.00000
37	0.00000	0.00000	-0.00807	0.00010	0.00001	0.00000
38	0.00000	0.00000	-0.00809	0.00011	0.00001	0.00000
39	0.00000	0.00000	-0.00808	0.00011	0.00001	0.00000
40	0.00012	0.00000	0.00004	0.00000	0.00004	0.00000
41	0.00014	0.00000	0.00005	-0.00001	0.00005	0.00000
42	0.00001	0.00000	0.00065	-0.00016	0.00000	0.00000
43	0.00000	0.00000	0.00067	-0.00016	0.00002	0.00000
44	0.00013	0.00000	-0.00784	0.00006	0.00005	0.00000
45	0.00012	0.00000	-0.00823	0.00015	0.00005	0.00000
46	0.00012	0.00000	-0.00783	0.00005	0.00006	0.00000
47	0.00012	0.00000	-0.00824	0.00015	0.00005	0.00000
48	-0.00011	0.00000	-0.00793	0.00006	-0.00002	0.00000
49	-0.00012	0.00000	-0.00832	0.00016	-0.00002	0.00000
50	-0.00012	0.00000	-0.00792	0.00006	-0.00002	0.00000
51	-0.00012	0.00000	-0.00833	0.00016	-0.00003	0.00000
52	0.00014	0.00000	-0.00783	0.00005	0.00006	0.00000
53	0.00014	0.00000	-0.00822	0.00015	0.00006	0.00000
54	0.00014	0.00000	-0.00782	0.00005	0.00007	0.00000
55	0.00014	0.00000	-0.00823	0.00015	0.00006	0.00000
56	-0.00013	0.00000	-0.00794	0.00007	-0.00003	0.00000
57	-0.00014	0.00000	-0.00833	0.00016	-0.00003	0.00000
58	-0.00013	0.00000	-0.00793	0.00006	-0.00003	0.00000

59	-0.00013	0.00000	-0.00834	0.00016	-0.00004	0.00000
60	0.00005	0.00000	-0.00741	-0.00005	0.00002	0.00000
61	-0.00002	0.00000	-0.00744	-0.00005	0.00000	0.00000
62	0.00005	0.00000	-0.00741	-0.00005	0.00003	0.00000
63	-0.00003	0.00000	-0.00744	-0.00005	0.00000	0.00000
64	0.00003	0.00000	-0.00872	0.00026	0.00003	0.00000
65	-0.00004	0.00000	-0.00875	0.00027	0.00000	0.00000
66	0.00004	0.00000	-0.00872	0.00026	0.00003	0.00000
67	-0.00005	0.00000	-0.00875	0.00027	0.00000	0.00000
68	0.00004	0.00000	-0.00740	-0.00006	0.00004	0.00000
69	-0.00003	0.00000	-0.00742	-0.00005	0.00002	0.00000
70	0.00004	0.00000	-0.00739	-0.00006	0.00005	0.00000
71	-0.00004	0.00000	-0.00742	-0.00005	0.00002	0.00000
72	0.00004	0.00000	-0.00874	0.00027	0.00001	0.00000
73	-0.00003	0.00000	-0.00876	0.00027	-0.00001	0.00000
74	0.00005	0.00000	-0.00874	0.00027	0.00001	0.00000
75	-0.00004	0.00000	-0.00877	0.00027	-0.00002	0.00000

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GLOBAL

1	0.00000	0.00000	-0.00430	0.00009	-0.00001	0.00000
2	0.00000	0.00000	-0.00378	0.00002	0.00000	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00034	0.00001	0.00000	0.00000
5	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
6	-0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00005	-0.00001	0.00000	0.00000
8	0.00000	0.00000	-0.00005	0.00002	0.00000	0.00000
9	0.00001	0.00000	-0.01102	0.00015	-0.00002	0.00000
10	0.00000	0.00000	-0.01101	0.00015	-0.00002	0.00000
11	0.00001	0.00000	-0.01097	0.00014	-0.00002	0.00000
12	0.00001	0.00000	-0.01106	0.00016	-0.00002	0.00000
13	0.00001	0.00000	-0.01101	0.00015	-0.00002	0.00000
14	0.00000	0.00000	-0.01100	0.00015	-0.00002	0.00000
15	0.00001	0.00000	-0.01097	0.00014	-0.00002	0.00000
16	0.00001	0.00000	-0.01105	0.00017	-0.00002	0.00000
17	0.00002	0.00000	-0.01076	0.00015	-0.00002	0.00000
18	0.00000	0.00000	-0.01075	0.00015	-0.00002	0.00000
19	0.00001	0.00000	-0.01069	0.00013	-0.00002	0.00000
20	0.00001	0.00000	-0.01083	0.00017	-0.00002	0.00000
21	0.00001	0.00000	-0.00842	0.00011	-0.00001	0.00000
22	0.00000	0.00000	-0.00842	0.00011	-0.00002	0.00000
23	0.00001	0.00000	-0.00839	0.00011	-0.00002	0.00000
24	0.00000	0.00000	-0.00845	0.00012	-0.00002	0.00000
25	0.00001	0.00000	-0.00842	0.00012	-0.00001	0.00000
26	0.00000	0.00000	-0.00841	0.00012	-0.00002	0.00000
27	0.00001	0.00000	-0.00839	0.00011	-0.00002	0.00000
28	0.00000	0.00000	-0.00845	0.00013	-0.00002	0.00000
29	0.00001	0.00000	-0.00825	0.00011	-0.00001	0.00000
30	0.00000	0.00000	-0.00824	0.00011	-0.00002	0.00000
31	0.00001	0.00000	-0.00820	0.00010	-0.00002	0.00000
32	0.00000	0.00000	-0.00830	0.00013	-0.00001	0.00000

33	0.00000	0.00000	-0.00808	0.00011	-0.00001	0.00000
34	0.00000	0.00000	-0.00815	0.00011	-0.00001	0.00000
35	0.00001	0.00000	-0.00808	0.00011	-0.00001	0.00000
36	0.00000	0.00000	-0.00808	0.00011	-0.00001	0.00000
37	0.00000	0.00000	-0.00807	0.00010	-0.00001	0.00000
38	0.00000	0.00000	-0.00809	0.00011	-0.00001	0.00000
39	0.00000	0.00000	-0.00808	0.00011	-0.00001	0.00000
40	0.00013	0.00000	-0.00006	0.00001	0.00004	0.00000
41	0.00015	0.00000	-0.00007	0.00001	0.00005	0.00000
42	0.00001	0.00000	0.00067	-0.00016	-0.00002	0.00000
43	0.00000	0.00000	0.00066	-0.00016	0.00000	0.00000
44	0.00014	0.00000	-0.00793	0.00006	0.00002	0.00000
45	0.00013	0.00000	-0.00834	0.00016	0.00003	0.00000
46	0.00014	0.00000	-0.00794	0.00007	0.00002	0.00000
47	0.00014	0.00000	-0.00833	0.00016	0.00002	0.00000
48	-0.00012	0.00000	-0.00782	0.00005	-0.00006	0.00000
49	-0.00013	0.00000	-0.00823	0.00015	-0.00005	0.00000
50	-0.00013	0.00000	-0.00783	0.00005	-0.00005	0.00000
51	-0.00013	0.00000	-0.00822	0.00015	-0.00005	0.00000
52	0.00016	0.00000	-0.00795	0.00007	0.00003	0.00000
53	0.00015	0.00000	-0.00835	0.00016	0.00004	0.00000
54	0.00016	0.00000	-0.00795	0.00007	0.00003	0.00000
55	0.00016	0.00000	-0.00834	0.00016	0.00003	0.00000
56	-0.00014	0.00000	-0.00781	0.00005	-0.00007	0.00000
57	-0.00015	0.00000	-0.00821	0.00015	-0.00005	0.00000
58	-0.00015	0.00000	-0.00782	0.00005	-0.00006	0.00000
59	-0.00015	0.00000	-0.00821	0.00015	-0.00006	0.00000
60	0.00005	0.00000	-0.00743	-0.00005	-0.00002	0.00000
61	-0.00002	0.00000	-0.00739	-0.00006	-0.00004	0.00000
62	0.00006	0.00000	-0.00743	-0.00005	-0.00002	0.00000
63	-0.00003	0.00000	-0.00739	-0.00006	-0.00005	0.00000
64	0.00003	0.00000	-0.00877	0.00027	0.00001	0.00000
65	-0.00005	0.00000	-0.00873	0.00027	-0.00001	0.00000
66	0.00004	0.00000	-0.00877	0.00027	0.00002	0.00000
67	-0.00005	0.00000	-0.00873	0.00027	-0.00001	0.00000
68	0.00004	0.00000	-0.00744	-0.00005	0.00000	0.00000
69	-0.00004	0.00000	-0.00741	-0.00005	-0.00002	0.00000
70	0.00005	0.00000	-0.00744	-0.00005	0.00000	0.00000
71	-0.00004	0.00000	-0.00740	-0.00005	-0.00003	0.00000
72	0.00004	0.00000	-0.00875	0.00027	0.00000	0.00000
73	-0.00003	0.00000	-0.00872	0.00026	-0.00003	0.00000
74	0.00005	0.00000	-0.00876	0.00027	0.00000	0.00000
75	-0.00004	0.00000	-0.00872	0.00026	-0.00003	0.00000

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GLOBAL

1	0.00000	0.00000	-0.00429	0.00008	-0.00001	0.00000
2	0.00000	0.00000	-0.00378	0.00002	-0.00001	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00033	0.00001	0.00000	0.00000
5	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
6	-0.00001	0.00000	0.00001	0.00000	0.00000	0.00000

7	0.00000	0.00000	0.00005	-0.00001	0.00000	0.00000
8	0.00000	0.00000	-0.00005	0.00002	0.00000	0.00000
9	0.00001	0.00000	-0.01100	0.00015	-0.00002	0.00000
10	0.00000	0.00000	-0.01099	0.00015	-0.00002	0.00000
11	0.00001	0.00000	-0.01095	0.00013	-0.00002	0.00000
12	0.00001	0.00000	-0.01104	0.00016	-0.00002	0.00000
13	0.00001	0.00000	-0.01099	0.00015	-0.00002	0.00000
14	0.00000	0.00000	-0.01098	0.00015	-0.00002	0.00000
15	0.00001	0.00000	-0.01094	0.00014	-0.00002	0.00000
16	0.00001	0.00000	-0.01103	0.00016	-0.00002	0.00000
17	0.00002	0.00000	-0.01074	0.00014	-0.00001	0.00000
18	0.00000	0.00000	-0.01072	0.00014	-0.00002	0.00000
19	0.00001	0.00000	-0.01066	0.00012	-0.00002	0.00000
20	0.00001	0.00000	-0.01081	0.00017	-0.00001	0.00000
21	0.00001	0.00000	-0.00841	0.00011	-0.00001	0.00000
22	0.00000	0.00000	-0.00840	0.00011	-0.00001	0.00000
23	0.00001	0.00000	-0.00838	0.00010	-0.00001	0.00000
24	0.00000	0.00000	-0.00843	0.00012	-0.00001	0.00000
25	0.00001	0.00000	-0.00840	0.00011	-0.00001	0.00000
26	0.00000	0.00000	-0.00839	0.00011	-0.00001	0.00000
27	0.00001	0.00000	-0.00837	0.00011	-0.00001	0.00000
28	0.00000	0.00000	-0.00843	0.00012	-0.00001	0.00000
29	0.00001	0.00000	-0.00824	0.00011	-0.00001	0.00000
30	0.00000	0.00000	-0.00822	0.00011	-0.00001	0.00000
31	0.00001	0.00000	-0.00818	0.00010	-0.00001	0.00000
32	0.00000	0.00000	-0.00828	0.00013	-0.00001	0.00000
33	0.00000	0.00000	-0.00806	0.00010	-0.00001	0.00000
34	0.00000	0.00000	-0.00813	0.00011	-0.00001	0.00000
35	0.00001	0.00000	-0.00807	0.00011	-0.00001	0.00000
36	0.00000	0.00000	-0.00806	0.00010	-0.00001	0.00000
37	0.00000	0.00000	-0.00805	0.00010	-0.00001	0.00000
38	0.00000	0.00000	-0.00807	0.00011	-0.00001	0.00000
39	0.00000	0.00000	-0.00806	0.00010	-0.00001	0.00000
40	0.00014	0.00000	-0.00008	0.00001	0.00002	0.00000
41	0.00016	0.00000	-0.00010	0.00001	0.00002	0.00000
42	0.00001	0.00000	0.00070	-0.00017	-0.00003	0.00000
43	0.00000	0.00000	0.00066	-0.00016	-0.00001	0.00000
44	0.00014	0.00000	-0.00794	0.00006	-0.00001	0.00000
45	0.00014	0.00000	-0.00836	0.00017	0.00001	0.00000
46	0.00014	0.00000	-0.00795	0.00007	0.00000	0.00000
47	0.00014	0.00000	-0.00835	0.00017	0.00001	0.00000
48	-0.00013	0.00000	-0.00777	0.00004	-0.00004	0.00000
49	-0.00014	0.00000	-0.00819	0.00015	-0.00002	0.00000
50	-0.00013	0.00000	-0.00778	0.00004	-0.00003	0.00000
51	-0.00013	0.00000	-0.00818	0.00014	-0.00002	0.00000
52	0.00017	0.00000	-0.00796	0.00007	0.00000	0.00000
53	0.00016	0.00000	-0.00838	0.00017	0.00002	0.00000
54	0.00016	0.00000	-0.00797	0.00007	0.00001	0.00000
55	0.00016	0.00000	-0.00836	0.00017	0.00001	0.00000
56	-0.00015	0.00000	-0.00775	0.00004	-0.00004	0.00000

57	-0.00016	0.00000	-0.00817	0.00014	-0.00002	0.00000
58	-0.00015	0.00000	-0.00776	0.00004	-0.00004	0.00000
59	-0.00015	0.00000	-0.00816	0.00014	-0.00003	0.00000
60	0.00006	0.00000	-0.00739	-0.00007	-0.00004	0.00000
61	-0.00003	0.00000	-0.00734	-0.00007	-0.00005	0.00000
62	0.00006	0.00000	-0.00740	-0.00007	-0.00004	0.00000
63	-0.00003	0.00000	-0.00733	-0.00007	-0.00005	0.00000
64	0.00003	0.00000	-0.00879	0.00028	0.00003	0.00000
65	-0.00005	0.00000	-0.00874	0.00028	0.00002	0.00000
66	0.00004	0.00000	-0.00879	0.00028	0.00003	0.00000
67	-0.00005	0.00000	-0.00873	0.00028	0.00002	0.00000
68	0.00005	0.00000	-0.00743	-0.00006	-0.00002	0.00000
69	-0.00004	0.00000	-0.00738	-0.00006	-0.00003	0.00000
70	0.00005	0.00000	-0.00743	-0.00006	-0.00002	0.00000
71	-0.00004	0.00000	-0.00737	-0.00006	-0.00003	0.00000
72	0.00005	0.00000	-0.00875	0.00027	0.00001	0.00000
73	-0.00004	0.00000	-0.00870	0.00027	0.00000	0.00000
74	0.00005	0.00000	-0.00876	0.00027	0.00001	0.00000
75	-0.00004	0.00000	-0.00869	0.00027	-0.00001	0.00000

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GLOBAL

1	0.00000	0.00000	-0.00429	0.00008	0.00001	0.00000
2	0.00000	0.00000	-0.00377	0.00002	-0.00001	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00033	0.00001	0.00000	0.00000
5	0.00001	0.00000	-0.00001	0.00000	0.00000	0.00000
6	-0.00001	0.00000	0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00005	-0.00001	0.00000	0.00000
8	0.00000	0.00000	-0.00006	0.00002	0.00000	0.00000
9	0.00001	0.00000	-0.01099	0.00014	0.00000	0.00000
10	0.00000	0.00000	-0.01097	0.00014	0.00000	0.00000
11	0.00001	0.00000	-0.01094	0.00013	0.00000	0.00000
12	0.00001	0.00000	-0.01103	0.00016	0.00000	0.00000
13	0.00001	0.00000	-0.01098	0.00015	0.00000	0.00000
14	0.00000	0.00000	-0.01097	0.00015	0.00000	0.00000
15	0.00001	0.00000	-0.01093	0.00013	0.00000	0.00000
16	0.00001	0.00000	-0.01102	0.00016	0.00000	0.00000
17	0.00002	0.00000	-0.01073	0.00014	0.00000	0.00000
18	0.00000	0.00000	-0.01071	0.00014	0.00000	0.00000
19	0.00001	0.00000	-0.01065	0.00012	-0.00001	0.00000
20	0.00001	0.00000	-0.01081	0.00017	0.00001	0.00000
21	0.00001	0.00000	-0.00840	0.00011	0.00000	0.00000
22	0.00000	0.00000	-0.00839	0.00011	0.00000	0.00000
23	0.00001	0.00000	-0.00837	0.00010	0.00000	0.00000
24	0.00001	0.00000	-0.00843	0.00012	0.00000	0.00000
25	0.00001	0.00000	-0.00839	0.00011	0.00000	0.00000
26	0.00000	0.00000	-0.00839	0.00011	0.00000	0.00000
27	0.00001	0.00000	-0.00836	0.00010	0.00000	0.00000
28	0.00001	0.00000	-0.00842	0.00012	0.00000	0.00000
29	0.00001	0.00000	-0.00823	0.00011	0.00000	0.00000
30	0.00000	0.00000	-0.00822	0.00011	0.00000	0.00000

31	0.00001	0.00000	-0.00817	0.00009	0.00000	0.00000
32	0.00000	0.00000	-0.00828	0.00012	0.00000	0.00000
33	0.00000	0.00000	-0.00806	0.00010	0.00000	0.00000
34	0.00001	0.00000	-0.00812	0.00010	0.00000	0.00000
35	0.00001	0.00000	-0.00806	0.00010	0.00000	0.00000
36	0.00000	0.00000	-0.00806	0.00010	0.00000	0.00000
37	0.00001	0.00000	-0.00805	0.00010	0.00000	0.00000
38	0.00000	0.00000	-0.00807	0.00011	0.00000	0.00000
39	0.00000	0.00000	-0.00806	0.00010	0.00000	0.00000
40	0.00014	0.00000	-0.00010	0.00002	0.00001	0.00000
41	0.00016	0.00000	-0.00012	0.00002	0.00002	0.00000
42	0.00001	0.00000	0.00075	-0.00019	-0.00005	0.00000
43	0.00000	0.00000	0.00068	-0.00017	-0.00003	0.00000
44	0.00015	0.00000	-0.00793	0.00006	0.00000	0.00000
45	0.00014	0.00000	-0.00838	0.00018	0.00003	0.00000
46	0.00015	0.00000	-0.00795	0.00007	0.00001	0.00000
47	0.00015	0.00000	-0.00836	0.00017	0.00002	0.00000
48	-0.00013	0.00000	-0.00774	0.00003	-0.00003	0.00000
49	-0.00014	0.00000	-0.00818	0.00014	0.00000	0.00000
50	-0.00014	0.00000	-0.00775	0.00003	-0.00002	0.00000
51	-0.00014	0.00000	-0.00816	0.00014	-0.00001	0.00000
52	0.00017	0.00000	-0.00796	0.00007	0.00000	0.00000
53	0.00016	0.00000	-0.00840	0.00018	0.00003	0.00000
54	0.00017	0.00000	-0.00797	0.00007	0.00001	0.00000
55	0.00017	0.00000	-0.00838	0.00017	0.00003	0.00000
56	-0.00015	0.00000	-0.00771	0.00003	-0.00003	0.00000
57	-0.00016	0.00000	-0.00816	0.00014	0.00000	0.00000
58	-0.00016	0.00000	-0.00773	0.00003	-0.00003	0.00000
59	-0.00016	0.00000	-0.00814	0.00013	-0.00001	0.00000
60	0.00006	0.00000	-0.00734	-0.00008	-0.00005	0.00000
61	-0.00003	0.00000	-0.00728	-0.00009	-0.00006	0.00000
62	0.00007	0.00000	-0.00735	-0.00008	-0.00005	0.00000
63	-0.00003	0.00000	-0.00728	-0.00009	-0.00006	0.00000
64	0.00004	0.00000	-0.00883	0.00029	0.00006	0.00000
65	-0.00005	0.00000	-0.00877	0.00028	0.00005	0.00000
66	0.00004	0.00000	-0.00884	0.00029	0.00006	0.00000
67	-0.00006	0.00000	-0.00877	0.00028	0.00005	0.00000
68	0.00005	0.00000	-0.00740	-0.00006	-0.00002	0.00000
69	-0.00004	0.00000	-0.00735	-0.00007	-0.00003	0.00000
70	0.00005	0.00000	-0.00741	-0.00006	-0.00002	0.00000
71	-0.00004	0.00000	-0.00734	-0.00007	-0.00003	0.00000
72	0.00005	0.00000	-0.00877	0.00028	0.00003	0.00000
73	-0.00004	0.00000	-0.00871	0.00027	0.00002	0.00000
74	0.00005	0.00000	-0.00878	0.00028	0.00003	0.00000
75	-0.00004	0.00000	-0.00870	0.00027	0.00002	0.00000
49	GLOBAL					
1	0.00000	0.00000	-0.00430	0.00008	0.00001	0.00000
2	0.00000	0.00000	-0.00376	0.00002	-0.00001	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00033	0.00001	0.00000	0.00000

5	0.00001	0.00000	-0.00001	0.00000	0.00000	0.00000
6	-0.00001	0.00000	0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00006	-0.00002	-0.00001	0.00000
8	0.00000	0.00000	-0.00006	0.00002	0.00001	0.00000
9	0.00001	0.00000	-0.01100	0.00014	0.00001	0.00000
10	0.00000	0.00000	-0.01098	0.00014	0.00001	0.00000
11	0.00001	0.00000	-0.01094	0.00012	0.00001	0.00000
12	0.00001	0.00000	-0.01104	0.00015	0.00002	0.00000
13	0.00001	0.00000	-0.01099	0.00014	0.00002	0.00000
14	0.00000	0.00000	-0.01097	0.00014	0.00001	0.00000
15	0.00001	0.00000	-0.01093	0.00013	0.00001	0.00000
16	0.00001	0.00000	-0.01104	0.00016	0.00002	0.00000
17	0.00002	0.00000	-0.01074	0.00014	0.00002	0.00000
18	0.00000	0.00000	-0.01072	0.00013	0.00001	0.00000
19	0.00001	0.00000	-0.01065	0.00011	0.00000	0.00000
20	0.00001	0.00000	-0.01082	0.00016	0.00002	0.00000
21	0.00001	0.00000	-0.00841	0.00011	0.00001	0.00000
22	0.00000	0.00000	-0.00840	0.00011	0.00001	0.00000
23	0.00001	0.00000	-0.00837	0.00010	0.00001	0.00000
24	0.00001	0.00000	-0.00844	0.00012	0.00001	0.00000
25	0.00001	0.00000	-0.00840	0.00011	0.00001	0.00000
26	0.00000	0.00000	-0.00839	0.00011	0.00001	0.00000
27	0.00001	0.00000	-0.00836	0.00010	0.00001	0.00000
28	0.00001	0.00000	-0.00843	0.00012	0.00001	0.00000
29	0.00001	0.00000	-0.00824	0.00011	0.00001	0.00000
30	0.00000	0.00000	-0.00822	0.00010	0.00001	0.00000
31	0.00001	0.00000	-0.00817	0.00009	0.00000	0.00000
32	0.00000	0.00000	-0.00829	0.00012	0.00002	0.00000
33	0.00001	0.00000	-0.00806	0.00010	0.00001	0.00000
34	0.00001	0.00000	-0.00813	0.00010	0.00001	0.00000
35	0.00001	0.00000	-0.00806	0.00010	0.00001	0.00000
36	0.00000	0.00000	-0.00806	0.00010	0.00001	0.00000
37	0.00001	0.00000	-0.00805	0.00010	0.00001	0.00000
38	0.00001	0.00000	-0.00808	0.00010	0.00001	0.00000
39	0.00001	0.00000	-0.00806	0.00010	0.00001	0.00000
40	0.00015	0.00000	-0.00012	0.00002	0.00003	0.00000
41	0.00017	0.00000	-0.00015	0.00003	0.00003	0.00000
42	0.00001	0.00000	0.00081	-0.00020	-0.00007	0.00000
43	0.00000	0.00000	0.00072	-0.00018	-0.00005	0.00000
44	0.00016	0.00000	-0.00794	0.00006	0.00002	0.00000
45	0.00015	0.00000	-0.00843	0.00018	0.00006	0.00000
46	0.00015	0.00000	-0.00797	0.00007	0.00003	0.00000
47	0.00015	0.00000	-0.00840	0.00018	0.00005	0.00000
48	-0.00014	0.00000	-0.00770	0.00002	-0.00004	0.00000
49	-0.00014	0.00000	-0.00819	0.00014	0.00000	0.00000
50	-0.00014	0.00000	-0.00772	0.00002	-0.00004	0.00000
51	-0.00014	0.00000	-0.00816	0.00013	-0.00001	0.00000
52	0.00018	0.00000	-0.00797	0.00007	0.00002	0.00000
53	0.00017	0.00000	-0.00846	0.00019	0.00006	0.00000
54	0.00017	0.00000	-0.00799	0.00007	0.00003	0.00000

55	0.00017	0.00000	-0.00843	0.00018	0.00006	0.00000
56	-0.00016	0.00000	-0.00767	0.00001	-0.00004	0.00000
57	-0.00017	0.00000	-0.00816	0.00013	0.00000	0.00000
58	-0.00016	0.00000	-0.00770	0.00002	-0.00004	0.00000
59	-0.00016	0.00000	-0.00813	0.00013	-0.00001	0.00000
60	0.00006	0.00000	-0.00729	-0.00009	-0.00005	0.00000
61	-0.00003	0.00000	-0.00722	-0.00010	-0.00007	0.00000
62	0.00007	0.00000	-0.00730	-0.00009	-0.00005	0.00000
63	-0.00003	0.00000	-0.00721	-0.00011	-0.00007	0.00000
64	0.00004	0.00000	-0.00891	0.00030	0.00009	0.00000
65	-0.00005	0.00000	-0.00884	0.00029	0.00007	0.00000
66	0.00004	0.00000	-0.00892	0.00031	0.00009	0.00000
67	-0.00006	0.00000	-0.00883	0.00029	0.00007	0.00000
68	0.00005	0.00000	-0.00738	-0.00007	-0.00003	0.00000
69	-0.00004	0.00000	-0.00730	-0.00008	-0.00005	0.00000
70	0.00006	0.00000	-0.00738	-0.00007	-0.00003	0.00000
71	-0.00004	0.00000	-0.00729	-0.00009	-0.00005	0.00000
72	0.00005	0.00000	-0.00882	0.00028	0.00006	0.00000
73	-0.00004	0.00000	-0.00875	0.00027	0.00005	0.00000
74	0.00005	0.00000	-0.00883	0.00029	0.00007	0.00000
75	-0.00005	0.00000	-0.00874	0.00027	0.00005	0.00000

50

GLOBAL

1	0.00000	0.00000	-0.00432	0.00008	0.00001	0.00000
2	0.00000	0.00000	-0.00376	0.00002	-0.00001	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00034	0.00001	0.00000	0.00000
5	0.00001	0.00000	-0.00001	0.00000	0.00000	0.00000
6	-0.00001	0.00000	0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00006	-0.00002	-0.00001	0.00000
8	0.00000	0.00000	-0.00007	0.00002	0.00001	0.00000
9	0.00002	0.00000	-0.01101	0.00014	0.00001	0.00000
10	0.00000	0.00000	-0.01099	0.00013	0.00000	0.00000
11	0.00001	0.00000	-0.01094	0.00012	0.00000	0.00000
12	0.00001	0.00000	-0.01106	0.00015	0.00001	0.00000
13	0.00002	0.00000	-0.01101	0.00014	0.00001	0.00000
14	0.00000	0.00000	-0.01099	0.00014	0.00000	0.00000
15	0.00001	0.00000	-0.01094	0.00012	0.00000	0.00000
16	0.00001	0.00000	-0.01106	0.00016	0.00001	0.00000
17	0.00002	0.00000	-0.01076	0.00013	0.00001	0.00000
18	0.00000	0.00000	-0.01073	0.00013	0.00000	0.00000
19	0.00001	0.00000	-0.01065	0.00011	-0.00001	0.00000
20	0.00001	0.00000	-0.01085	0.00016	0.00002	0.00000
21	0.00001	0.00000	-0.00842	0.00010	0.00001	0.00000
22	0.00000	0.00000	-0.00840	0.00010	0.00000	0.00000
23	0.00001	0.00000	-0.00837	0.00009	0.00000	0.00000
24	0.00001	0.00000	-0.00845	0.00011	0.00001	0.00000
25	0.00001	0.00000	-0.00841	0.00011	0.00001	0.00000
26	0.00000	0.00000	-0.00840	0.00010	0.00000	0.00000
27	0.00001	0.00000	-0.00837	0.00010	0.00000	0.00000
28	0.00001	0.00000	-0.00845	0.00012	0.00001	0.00000

29	0.00001	0.00000	-0.00825	0.00010	0.00001	0.00000
30	0.00000	0.00000	-0.00823	0.00010	0.00000	0.00000
31	0.00001	0.00000	-0.00818	0.00008	0.00000	0.00000
32	0.00001	0.00000	-0.00831	0.00012	0.00001	0.00000
33	0.00001	0.00000	-0.00807	0.00010	0.00000	0.00000
34	0.00001	0.00000	-0.00814	0.00010	0.00000	0.00000
35	0.00001	0.00000	-0.00807	0.00010	0.00000	0.00000
36	0.00000	0.00000	-0.00807	0.00010	0.00000	0.00000
37	0.00001	0.00000	-0.00806	0.00009	0.00000	0.00000
38	0.00001	0.00000	-0.00809	0.00010	0.00001	0.00000
39	0.00001	0.00000	-0.00807	0.00010	0.00000	0.00000
40	0.00015	0.00000	-0.00017	0.00003	0.00006	0.00000
41	0.00017	0.00000	-0.00020	0.00003	0.00007	0.00000
42	0.00001	0.00000	0.00089	-0.00021	-0.00008	0.00000
43	0.00000	0.00000	0.00078	-0.00018	-0.00006	0.00000
44	0.00016	0.00000	-0.00798	0.00006	0.00004	0.00000
45	0.00015	0.00000	-0.00851	0.00019	0.00009	0.00000
46	0.00016	0.00000	-0.00801	0.00007	0.00005	0.00000
47	0.00016	0.00000	-0.00848	0.00018	0.00009	0.00000
48	-0.00014	0.00000	-0.00763	0.00001	-0.00008	0.00000
49	-0.00015	0.00000	-0.00817	0.00013	-0.00004	0.00000
50	-0.00014	0.00000	-0.00767	0.00001	-0.00008	0.00000
51	-0.00015	0.00000	-0.00814	0.00012	-0.00004	0.00000
52	0.00018	0.00000	-0.00801	0.00007	0.00005	0.00000
53	0.00017	0.00000	-0.00854	0.00020	0.00010	0.00000
54	0.00018	0.00000	-0.00804	0.00008	0.00005	0.00000
55	0.00018	0.00000	-0.00851	0.00019	0.00009	0.00000
56	-0.00016	0.00000	-0.00760	0.00000	-0.00009	0.00000
57	-0.00017	0.00000	-0.00814	0.00013	-0.00004	0.00000
58	-0.00017	0.00000	-0.00764	0.00001	-0.00008	0.00000
59	-0.00017	0.00000	-0.00811	0.00012	-0.00005	0.00000
60	0.00006	0.00000	-0.00723	-0.00010	-0.00006	0.00000
61	-0.00003	0.00000	-0.00713	-0.00012	-0.00010	0.00000
62	0.00007	0.00000	-0.00724	-0.00010	-0.00006	0.00000
63	-0.00003	0.00000	-0.00712	-0.00012	-0.00010	0.00000
64	0.00004	0.00000	-0.00902	0.00032	0.00011	0.00000
65	-0.00005	0.00000	-0.00892	0.00030	0.00007	0.00000
66	0.00004	0.00000	-0.00903	0.00032	0.00011	0.00000
67	-0.00006	0.00000	-0.00891	0.00030	0.00007	0.00000
68	0.00005	0.00000	-0.00734	-0.00008	-0.00004	0.00000
69	-0.00004	0.00000	-0.00724	-0.00010	-0.00008	0.00000
70	0.00006	0.00000	-0.00735	-0.00008	-0.00004	0.00000
71	-0.00004	0.00000	-0.00723	-0.00010	-0.00008	0.00000
72	0.00005	0.00000	-0.00891	0.00029	0.00008	0.00000
73	-0.00004	0.00000	-0.00880	0.00027	0.00005	0.00000
74	0.00006	0.00000	-0.00892	0.00029	0.00008	0.00000
75	-0.00005	0.00000	-0.00880	0.00027	0.00004	0.00000
1	0.00000	0.00000	-0.00430	0.00008	-0.00002	0.00000
2	0.00000	0.00000	-0.00372	0.00002	-0.00003	0.00000

3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00033	0.00001	0.00000	0.00000
5	0.00001	0.00000	-0.00002	0.00000	0.00000	0.00000
6	-0.00001	0.00000	0.00002	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00009	-0.00002	-0.00001	0.00000
8	0.00000	0.00000	-0.00009	0.00002	0.00001	0.00000
9	0.00002	0.00000	-0.01095	0.00015	-0.00007	0.00000
10	0.00000	0.00000	-0.01091	0.00014	-0.00008	0.00000
11	0.00001	0.00000	-0.01085	0.00012	-0.00009	0.00000
12	0.00001	0.00000	-0.01101	0.00017	-0.00006	0.00000
13	0.00002	0.00000	-0.01095	0.00015	-0.00007	0.00000
14	0.00000	0.00000	-0.01091	0.00015	-0.00007	0.00000
15	0.00001	0.00000	-0.01085	0.00013	-0.00008	0.00000
16	0.00001	0.00000	-0.01101	0.00017	-0.00006	0.00000
17	0.00002	0.00000	-0.01071	0.00014	-0.00006	0.00000
18	0.00000	0.00000	-0.01065	0.00014	-0.00007	0.00000
19	0.00001	0.00000	-0.01055	0.00011	-0.00009	0.00000
20	0.00001	0.00000	-0.01082	0.00018	-0.00005	0.00000
21	0.00001	0.00000	-0.00837	0.00011	-0.00005	0.00000
22	0.00000	0.00000	-0.00835	0.00011	-0.00006	0.00000
23	0.00001	0.00000	-0.00831	0.00010	-0.00006	0.00000
24	0.00001	0.00000	-0.00841	0.00012	-0.00005	0.00000
25	0.00001	0.00000	-0.00837	0.00011	-0.00005	0.00000
26	0.00000	0.00000	-0.00835	0.00011	-0.00006	0.00000
27	0.00001	0.00000	-0.00831	0.00010	-0.00006	0.00000
28	0.00001	0.00000	-0.00841	0.00013	-0.00005	0.00000
29	0.00001	0.00000	-0.00821	0.00011	-0.00005	0.00000
30	0.00000	0.00000	-0.00817	0.00011	-0.00006	0.00000
31	0.00001	0.00000	-0.00811	0.00009	-0.00007	0.00000
32	0.00001	0.00000	-0.00828	0.00013	-0.00004	0.00000
33	0.00001	0.00000	-0.00803	0.00010	-0.00005	0.00000
34	0.00001	0.00000	-0.00809	0.00011	-0.00005	0.00000
35	0.00001	0.00000	-0.00803	0.00010	-0.00005	0.00000
36	0.00000	0.00000	-0.00802	0.00010	-0.00005	0.00000
37	0.00001	0.00000	-0.00801	0.00010	-0.00005	0.00000
38	0.00001	0.00000	-0.00804	0.00011	-0.00005	0.00000
39	0.00001	0.00000	-0.00803	0.00010	-0.00005	0.00000
40	0.00016	0.00000	-0.00036	0.00004	0.00009	0.00000
41	0.00018	0.00000	-0.00039	0.00004	0.00009	0.00000
42	0.00001	0.00000	0.00108	-0.00026	-0.00011	0.00000
43	0.00000	0.00000	0.00092	-0.00022	-0.00008	0.00000
44	0.00017	0.00000	-0.00806	0.00007	0.00001	0.00000
45	0.00016	0.00000	-0.00871	0.00022	0.00007	0.00000
46	0.00016	0.00000	-0.00811	0.00008	0.00002	0.00000
47	0.00016	0.00000	-0.00866	0.00021	0.00007	0.00000
48	-0.00014	0.00000	-0.00735	-0.00002	-0.00017	0.00000
49	-0.00015	0.00000	-0.00799	0.00014	-0.00011	0.00000
50	-0.00015	0.00000	-0.00739	0.00000	-0.00016	0.00000
51	-0.00015	0.00000	-0.00795	0.00013	-0.00011	0.00000
52	0.00019	0.00000	-0.00809	0.00007	0.00001	0.00000

53	0.00018	0.00000	-0.00874	0.00023	0.00007	0.00000
54	0.00019	0.00000	-0.00814	0.00008	0.00001	0.00000
55	0.00018	0.00000	-0.00870	0.00021	0.00006	0.00000
56	-0.00017	0.00000	-0.00731	-0.00002	-0.00017	0.00000
57	-0.00018	0.00000	-0.00796	0.00014	-0.00010	0.00000
58	-0.00017	0.00000	-0.00736	-0.00001	-0.00016	0.00000
59	-0.00017	0.00000	-0.00791	0.00013	-0.00011	0.00000
60	0.00007	0.00000	-0.00706	-0.00014	-0.00013	0.00000
61	-0.00003	0.00000	-0.00684	-0.00017	-0.00018	0.00000
62	0.00007	0.00000	-0.00707	-0.00014	-0.00013	0.00000
63	-0.00003	0.00000	-0.00683	-0.00017	-0.00018	0.00000
64	0.00004	0.00000	-0.00921	0.00037	0.00009	0.00000
65	-0.00005	0.00000	-0.00900	0.00035	0.00003	0.00000
66	0.00005	0.00000	-0.00922	0.00038	0.00008	0.00000
67	-0.00006	0.00000	-0.00899	0.00035	0.00003	0.00000
68	0.00005	0.00000	-0.00721	-0.00011	-0.00011	0.00000
69	-0.00004	0.00000	-0.00699	-0.00013	-0.00016	0.00000
70	0.00006	0.00000	-0.00722	-0.00010	-0.00011	0.00000
71	-0.00005	0.00000	-0.00698	-0.00013	-0.00016	0.00000
72	0.00005	0.00000	-0.00906	0.00034	0.00006	0.00000
73	-0.00004	0.00000	-0.00884	0.00031	0.00001	0.00000
74	0.00006	0.00000	-0.00907	0.00034	0.00006	0.00000
75	-0.00005	0.00000	-0.00883	0.00031	0.00001	0.00000

52 GLOBAL

1	0.00000	0.00000	-0.00428	0.00009	-0.00002	0.00000
2	0.00000	0.00000	-0.00369	0.00002	-0.00003	0.00000
3	0.00000	0.00000	-0.00016	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00033	0.00001	0.00000	0.00000
5	0.00001	0.00000	-0.00002	0.00000	0.00000	0.00000
6	-0.00001	0.00000	0.00002	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00011	-0.00003	-0.00002	0.00000
8	0.00000	0.00000	-0.00011	0.00003	0.00002	0.00000
9	0.00002	0.00000	-0.01087	0.00016	-0.00007	0.00000
10	0.00000	0.00000	-0.01083	0.00016	-0.00007	0.00000
11	0.00001	0.00000	-0.01076	0.00013	-0.00009	0.00000
12	0.00001	0.00000	-0.01095	0.00018	-0.00006	0.00000
13	0.00002	0.00000	-0.01087	0.00016	-0.00007	0.00000
14	0.00000	0.00000	-0.01083	0.00016	-0.00007	0.00000
15	0.00001	0.00000	-0.01076	0.00014	-0.00009	0.00000
16	0.00001	0.00000	-0.01095	0.00019	-0.00005	0.00000
17	0.00002	0.00000	-0.01064	0.00016	-0.00006	0.00000
18	0.00000	0.00000	-0.01057	0.00015	-0.00007	0.00000
19	0.00001	0.00000	-0.01045	0.00011	-0.00009	0.00000
20	0.00001	0.00000	-0.01077	0.00020	-0.00004	0.00000
21	0.00001	0.00000	-0.00831	0.00012	-0.00005	0.00000
22	0.00000	0.00000	-0.00828	0.00012	-0.00006	0.00000
23	0.00001	0.00000	-0.00823	0.00010	-0.00007	0.00000
24	0.00001	0.00000	-0.00836	0.00014	-0.00004	0.00000
25	0.00001	0.00000	-0.00831	0.00012	-0.00005	0.00000
26	0.00000	0.00000	-0.00828	0.00012	-0.00005	0.00000

27	0.00001	0.00000	-0.00823	0.00011	-0.00006	0.00000
28	0.00001	0.00000	-0.00836	0.00014	-0.00004	0.00000
29	0.00001	0.00000	-0.00816	0.00012	-0.00005	0.00000
30	0.00000	0.00000	-0.00811	0.00011	-0.00005	0.00000
31	0.00001	0.00000	-0.00803	0.00009	-0.00007	0.00000
32	0.00001	0.00000	-0.00824	0.00015	-0.00003	0.00000
33	0.00001	0.00000	-0.00797	0.00011	-0.00005	0.00000
34	0.00001	0.00000	-0.00804	0.00011	-0.00005	0.00000
35	0.00001	0.00000	-0.00798	0.00011	-0.00005	0.00000
36	0.00001	0.00000	-0.00797	0.00011	-0.00005	0.00000
37	0.00001	0.00000	-0.00795	0.00011	-0.00005	0.00000
38	0.00001	0.00000	-0.00799	0.00012	-0.00004	0.00000
39	0.00001	0.00000	-0.00797	0.00011	-0.00005	0.00000
40	0.00016	0.00000	-0.00045	0.00005	0.00008	0.00000
41	0.00018	0.00000	-0.00048	0.00005	0.00007	0.00000
42	0.00001	0.00000	0.00121	-0.00030	-0.00013	0.00000
43	0.00000	0.00000	0.00103	-0.00026	-0.00011	0.00000
44	0.00017	0.00000	-0.00806	0.00007	-0.00001	0.00000
45	0.00016	0.00000	-0.00878	0.00025	0.00007	0.00000
46	0.00016	0.00000	-0.00811	0.00008	0.00000	0.00000
47	0.00016	0.00000	-0.00873	0.00024	0.00006	0.00000
48	-0.00014	0.00000	-0.00716	-0.00003	-0.00017	0.00000
49	-0.00015	0.00000	-0.00788	0.00016	-0.00009	0.00000
50	-0.00015	0.00000	-0.00721	-0.00001	-0.00016	0.00000
51	-0.00015	0.00000	-0.00783	0.00014	-0.00010	0.00000
52	0.00019	0.00000	-0.00809	0.00007	-0.00002	0.00000
53	0.00018	0.00000	-0.00881	0.00025	0.00006	0.00000
54	0.00019	0.00000	-0.00814	0.00008	-0.00001	0.00000
55	0.00019	0.00000	-0.00876	0.00024	0.00005	0.00000
56	-0.00017	0.00000	-0.00713	-0.00003	-0.00016	0.00000
57	-0.00018	0.00000	-0.00786	0.00015	-0.00008	0.00000
58	-0.00017	0.00000	-0.00718	-0.00001	-0.00015	0.00000
59	-0.00017	0.00000	-0.00780	0.00014	-0.00009	0.00000
60	0.00007	0.00000	-0.00690	-0.00018	-0.00016	0.00000
61	-0.00003	0.00000	-0.00663	-0.00020	-0.00021	0.00000
62	0.00008	0.00000	-0.00690	-0.00018	-0.00016	0.00000
63	-0.00003	0.00000	-0.00662	-0.00020	-0.00020	0.00000
64	0.00004	0.00000	-0.00932	0.00043	0.00011	0.00000
65	-0.00005	0.00000	-0.00905	0.00040	0.00006	0.00000
66	0.00005	0.00000	-0.00932	0.00043	0.00011	0.00000
67	-0.00006	0.00000	-0.00904	0.00040	0.00006	0.00000
68	0.00006	0.00000	-0.00708	-0.00013	-0.00013	0.00000
69	-0.00004	0.00000	-0.00681	-0.00016	-0.00018	0.00000
70	0.00006	0.00000	-0.00708	-0.00013	-0.00013	0.00000
71	-0.00005	0.00000	-0.00680	-0.00016	-0.00018	0.00000
72	0.00005	0.00000	-0.00914	0.00038	0.00008	0.00000
73	-0.00004	0.00000	-0.00887	0.00035	0.00003	0.00000
74	0.00006	0.00000	-0.00914	0.00038	0.00008	0.00000
75	-0.00005	0.00000	-0.00886	0.00035	0.00004	0.00000

1	0.00000	0.00000	-0.00427	0.00010	0.00000	0.00000
2	0.00000	0.00000	-0.00366	0.00002	-0.00003	0.00000
3	0.00000	0.00000	-0.00016	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00032	0.00001	0.00000	0.00000
5	0.00001	0.00000	-0.00003	0.00000	0.00000	0.00000
6	-0.00001	0.00000	0.00003	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00013	-0.00003	-0.00002	0.00000
8	0.00000	0.00000	-0.00013	0.00003	0.00002	0.00000
9	0.00002	0.00000	-0.01081	0.00018	-0.00004	0.00000
10	0.00000	0.00000	-0.01076	0.00017	-0.00004	0.00000
11	0.00001	0.00000	-0.01067	0.00014	-0.00006	0.00000
12	0.00001	0.00000	-0.01090	0.00020	-0.00002	0.00000
13	0.00002	0.00000	-0.01081	0.00018	-0.00004	0.00000
14	0.00000	0.00000	-0.01077	0.00017	-0.00004	0.00000
15	0.00001	0.00000	-0.01067	0.00015	-0.00006	0.00000
16	0.00001	0.00000	-0.01091	0.00020	-0.00002	0.00000
17	0.00002	0.00000	-0.01059	0.00017	-0.00003	0.00000
18	0.00000	0.00000	-0.01051	0.00016	-0.00004	0.00000
19	0.00001	0.00000	-0.01036	0.00012	-0.00007	0.00000
20	0.00001	0.00000	-0.01074	0.00022	-0.00001	0.00000
21	0.00001	0.00000	-0.00826	0.00013	-0.00003	0.00000
22	0.00000	0.00000	-0.00823	0.00013	-0.00003	0.00000
23	0.00001	0.00000	-0.00817	0.00011	-0.00005	0.00000
24	0.00001	0.00000	-0.00833	0.00015	-0.00002	0.00000
25	0.00001	0.00000	-0.00827	0.00013	-0.00003	0.00000
26	0.00000	0.00000	-0.00823	0.00013	-0.00003	0.00000
27	0.00001	0.00000	-0.00817	0.00011	-0.00004	0.00000
28	0.00001	0.00000	-0.00833	0.00015	-0.00002	0.00000
29	0.00002	0.00000	-0.00811	0.00013	-0.00003	0.00000
30	0.00000	0.00000	-0.00806	0.00012	-0.00003	0.00000
31	0.00001	0.00000	-0.00796	0.00009	-0.00005	0.00000
32	0.00001	0.00000	-0.00822	0.00016	-0.00001	0.00000
33	0.00001	0.00000	-0.00793	0.00012	-0.00003	0.00000
34	0.00001	0.00000	-0.00799	0.00012	-0.00003	0.00000
35	0.00001	0.00000	-0.00793	0.00012	-0.00003	0.00000
36	0.00001	0.00000	-0.00792	0.00012	-0.00003	0.00000
37	0.00001	0.00000	-0.00790	0.00011	-0.00003	0.00000
38	0.00001	0.00000	-0.00795	0.00013	-0.00002	0.00000
39	0.00001	0.00000	-0.00793	0.00012	-0.00003	0.00000
40	0.00016	0.00000	-0.00054	0.00005	0.00008	0.00000
41	0.00018	0.00000	-0.00055	0.00005	0.00007	0.00000
42	0.00001	0.00000	0.00137	-0.00034	-0.00016	0.00000
43	0.00000	0.00000	0.00116	-0.00029	-0.00013	0.00000
44	0.00017	0.00000	-0.00805	0.00007	0.00000	0.00000
45	0.00016	0.00000	-0.00888	0.00028	0.00010	0.00000
46	0.00016	0.00000	-0.00812	0.00009	0.00001	0.00000
47	0.00016	0.00000	-0.00881	0.00026	0.00009	0.00000
48	-0.00015	0.00000	-0.00698	-0.00004	-0.00016	0.00000
49	-0.00015	0.00000	-0.00780	0.00017	-0.00006	0.00000
50	-0.00015	0.00000	-0.00704	-0.00002	-0.00015	0.00000

51	-0.00015	0.00000	-0.00774	0.00015	-0.00007	0.00000
52	0.00019	0.00000	-0.00807	0.00007	-0.00001	0.00000
53	0.00018	0.00000	-0.00889	0.00028	0.00009	0.00000
54	0.00019	0.00000	-0.00813	0.00009	0.00000	0.00000
55	0.00019	0.00000	-0.00883	0.00026	0.00008	0.00000
56	-0.00017	0.00000	-0.00696	-0.00003	-0.00014	0.00000
57	-0.00018	0.00000	-0.00779	0.00017	-0.00005	0.00000
58	-0.00017	0.00000	-0.00703	-0.00002	-0.00014	0.00000
59	-0.00017	0.00000	-0.00772	0.00016	-0.00006	0.00000
60	0.00007	0.00000	-0.00672	-0.00021	-0.00017	0.00000
61	-0.00002	0.00000	-0.00639	-0.00024	-0.00022	0.00000
62	0.00008	0.00000	-0.00672	-0.00021	-0.00017	0.00000
63	-0.00003	0.00000	-0.00639	-0.00024	-0.00021	0.00000
64	0.00004	0.00000	-0.00946	0.00048	0.00016	0.00000
65	-0.00005	0.00000	-0.00914	0.00045	0.00011	0.00000
66	0.00005	0.00000	-0.00947	0.00048	0.00015	0.00000
67	-0.00006	0.00000	-0.00913	0.00045	0.00011	0.00000
68	0.00006	0.00000	-0.00693	-0.00015	-0.00013	0.00000
69	-0.00004	0.00000	-0.00661	-0.00018	-0.00018	0.00000
70	0.00006	0.00000	-0.00693	-0.00015	-0.00014	0.00000
71	-0.00004	0.00000	-0.00660	-0.00018	-0.00018	0.00000
72	0.00005	0.00000	-0.00925	0.00043	0.00013	0.00000
73	-0.00004	0.00000	-0.00893	0.00039	0.00008	0.00000
74	0.00006	0.00000	-0.00925	0.00043	0.00012	0.00000
75	-0.00005	0.00000	-0.00892	0.00039	0.00008	0.00000

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GLOBAL

1	0.00000	0.00000	-0.00429	0.00010	0.00003	0.00000
2	0.00000	0.00000	-0.00362	0.00003	-0.00003	0.00000
3	0.00000	0.00000	-0.00016	0.00001	0.00000	0.00000
4	0.00000	0.00000	-0.00032	0.00001	0.00000	0.00000
5	0.00001	0.00000	-0.00003	0.00000	0.00000	0.00000
6	-0.00001	0.00000	0.00003	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00015	-0.00004	-0.00003	0.00000
8	0.00000	0.00000	-0.00016	0.00004	0.00002	0.00000
9	0.00002	0.00000	-0.01079	0.00019	0.00000	0.00000
10	0.00000	0.00000	-0.01074	0.00018	0.00000	0.00000
11	0.00001	0.00000	-0.01062	0.00015	-0.00002	0.00000
12	0.00001	0.00000	-0.01090	0.00022	0.00002	0.00000
13	0.00002	0.00000	-0.01080	0.00019	0.00001	0.00000
14	0.00000	0.00000	-0.01074	0.00018	0.00000	0.00000
15	0.00001	0.00000	-0.01063	0.00015	-0.00002	0.00000
16	0.00001	0.00000	-0.01091	0.00022	0.00002	0.00000
17	0.00002	0.00000	-0.01057	0.00018	0.00001	0.00000
18	0.00000	0.00000	-0.01048	0.00017	0.00000	0.00000
19	0.00001	0.00000	-0.01029	0.00012	-0.00004	0.00000
20	0.00001	0.00000	-0.01076	0.00024	0.00004	0.00000
21	0.00001	0.00000	-0.00825	0.00014	0.00000	0.00000
22	0.00000	0.00000	-0.00821	0.00014	0.00000	0.00000
23	0.00001	0.00000	-0.00814	0.00012	-0.00002	0.00000
24	0.00001	0.00000	-0.00832	0.00016	0.00001	0.00000

25	0.00001	0.00000	-0.00825	0.00015	0.00000	0.00000
26	0.00000	0.00000	-0.00822	0.00014	0.00000	0.00000
27	0.00001	0.00000	-0.00814	0.00012	-0.00001	0.00000
28	0.00001	0.00000	-0.00833	0.00017	0.00002	0.00000
29	0.00002	0.00000	-0.00810	0.00014	0.00000	0.00000
30	0.00000	0.00000	-0.00804	0.00013	0.00000	0.00000
31	0.00001	0.00000	-0.00792	0.00010	-0.00003	0.00000
32	0.00001	0.00000	-0.00823	0.00017	0.00003	0.00000
33	0.00001	0.00000	-0.00791	0.00013	0.00000	0.00000
34	0.00001	0.00000	-0.00798	0.00013	0.00000	0.00000
35	0.00001	0.00000	-0.00792	0.00013	0.00000	0.00000
36	0.00001	0.00000	-0.00790	0.00013	0.00000	0.00000
37	0.00001	0.00000	-0.00788	0.00012	-0.00001	0.00000
38	0.00001	0.00000	-0.00794	0.00014	0.00000	0.00000
39	0.00001	0.00000	-0.00791	0.00013	0.00000	0.00000
40	0.00016	0.00000	-0.00063	0.00006	0.00009	0.00000
41	0.00018	0.00000	-0.00063	0.00006	0.00007	0.00000
42	0.00002	0.00000	0.00157	-0.00039	-0.00019	0.00000
43	0.00000	0.00000	0.00132	-0.00032	-0.00015	0.00000
44	0.00017	0.00000	-0.00807	0.00008	0.00003	0.00000
45	0.00016	0.00000	-0.00901	0.00031	0.00015	0.00000
46	0.00017	0.00000	-0.00815	0.00009	0.00004	0.00000
47	0.00016	0.00000	-0.00894	0.00029	0.00013	0.00000
48	-0.00015	0.00000	-0.00681	-0.00005	-0.00015	0.00000
49	-0.00015	0.00000	-0.00775	0.00019	-0.00003	0.00000
50	-0.00015	0.00000	-0.00688	-0.00003	-0.00014	0.00000
51	-0.00015	0.00000	-0.00767	0.00017	-0.00005	0.00000
52	0.00019	0.00000	-0.00807	0.00007	0.00002	0.00000
53	0.00018	0.00000	-0.00901	0.00030	0.00013	0.00000
54	0.00019	0.00000	-0.00815	0.00009	0.00003	0.00000
55	0.00019	0.00000	-0.00893	0.00028	0.00012	0.00000
56	-0.00017	0.00000	-0.00681	-0.00004	-0.00013	0.00000
57	-0.00018	0.00000	-0.00775	0.00019	-0.00002	0.00000
58	-0.00017	0.00000	-0.00689	-0.00002	-0.00012	0.00000
59	-0.00017	0.00000	-0.00768	0.00017	-0.00003	0.00000
60	0.00007	0.00000	-0.00653	-0.00024	-0.00016	0.00000
61	-0.00002	0.00000	-0.00616	-0.00028	-0.00021	0.00000
62	0.00008	0.00000	-0.00653	-0.00024	-0.00016	0.00000
63	-0.00003	0.00000	-0.00616	-0.00027	-0.00021	0.00000
64	0.00004	0.00000	-0.00967	0.00054	0.00021	0.00000
65	-0.00005	0.00000	-0.00929	0.00050	0.00016	0.00000
66	0.00005	0.00000	-0.00966	0.00053	0.00021	0.00000
67	-0.00006	0.00000	-0.00929	0.00050	0.00016	0.00000
68	0.00006	0.00000	-0.00678	-0.00017	-0.00012	0.00000
69	-0.00004	0.00000	-0.00641	-0.00021	-0.00018	0.00000
70	0.00006	0.00000	-0.00678	-0.00018	-0.00013	0.00000
71	-0.00004	0.00000	-0.00641	-0.00021	-0.00017	0.00000
72	0.00005	0.00000	-0.00942	0.00047	0.00018	0.00000
73	-0.00004	0.00000	-0.00904	0.00044	0.00012	0.00000
74	0.00006	0.00000	-0.00942	0.00047	0.00017	0.00000

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GLOBAL

75	-0.00005	0.00000	-0.00904	0.00044	0.00013	0.00000
1	0.00000	0.00000	-0.00433	0.00011	0.00005	0.00000
2	0.00000	0.00000	-0.00360	0.00003	-0.00002	0.00000
3	0.00000	0.00000	-0.00016	0.00001	0.00000	0.00000
4	0.00000	0.00000	-0.00033	0.00001	0.00001	0.00000
5	0.00001	0.00000	-0.00003	0.00000	0.00000	0.00000
6	-0.00001	0.00000	0.00003	-0.00001	0.00000	0.00000
7	0.00000	0.00000	0.00018	-0.00004	-0.00003	0.00000
8	0.00000	0.00000	-0.00018	0.00004	0.00003	0.00000
9	0.00002	0.00000	-0.01081	0.00020	0.00004	0.00000
10	0.00000	0.00000	-0.01075	0.00020	0.00003	0.00000
11	0.00001	0.00000	-0.01062	0.00016	0.00001	0.00000
12	0.00001	0.00000	-0.01095	0.00024	0.00006	0.00000
13	0.00002	0.00000	-0.01082	0.00021	0.00004	0.00000
14	0.00000	0.00000	-0.01076	0.00020	0.00004	0.00000
15	0.00001	0.00000	-0.01063	0.00016	0.00001	0.00000
16	0.00001	0.00000	-0.01096	0.00024	0.00006	0.00000
17	0.00002	0.00000	-0.01060	0.00020	0.00004	0.00000
18	0.00000	0.00000	-0.01050	0.00018	0.00003	0.00000
19	0.00001	0.00000	-0.01027	0.00013	-0.00001	0.00000
20	0.00001	0.00000	-0.01082	0.00026	0.00007	0.00000
21	0.00001	0.00000	-0.00826	0.00016	0.00003	0.00000
22	0.00000	0.00000	-0.00822	0.00015	0.00003	0.00000
23	0.00001	0.00000	-0.00813	0.00013	0.00001	0.00000
24	0.00001	0.00000	-0.00835	0.00018	0.00004	0.00000
25	0.00001	0.00000	-0.00827	0.00016	0.00003	0.00000
26	0.00000	0.00000	-0.00823	0.00015	0.00003	0.00000
27	0.00001	0.00000	-0.00814	0.00013	0.00001	0.00000
28	0.00001	0.00000	-0.00836	0.00018	0.00004	0.00000
29	0.00002	0.00000	-0.00812	0.00015	0.00003	0.00000
30	0.00000	0.00000	-0.00806	0.00014	0.00002	0.00000
31	0.00001	0.00000	-0.00790	0.00010	0.00000	0.00000
32	0.00001	0.00000	-0.00827	0.00019	0.00005	0.00000
33	0.00001	0.00000	-0.00792	0.00014	0.00002	0.00000
34	0.00001	0.00000	-0.00799	0.00014	0.00003	0.00000
35	0.00001	0.00000	-0.00793	0.00014	0.00002	0.00000
36	0.00001	0.00000	-0.00792	0.00014	0.00002	0.00000
37	0.00001	0.00000	-0.00789	0.00013	0.00002	0.00000
38	0.00001	0.00000	-0.00796	0.00015	0.00003	0.00000
39	0.00001	0.00000	-0.00792	0.00014	0.00002	0.00000
40	0.00016	0.00000	-0.00074	0.00007	0.00010	0.00000
41	0.00018	0.00000	-0.00072	0.00006	0.00009	0.00000
42	0.00002	0.00000	0.00178	-0.00043	-0.00020	0.00000
43	0.00000	0.00000	0.00149	-0.00036	-0.00016	0.00000
44	0.00017	0.00000	-0.00813	0.00008	0.00007	0.00000
45	0.00016	0.00000	-0.00920	0.00034	0.00019	0.00000
46	0.00017	0.00000	-0.00822	0.00010	0.00008	0.00000
47	0.00017	0.00000	-0.00911	0.00031	0.00018	0.00000
48	-0.00015	0.00000	-0.00665	-0.00006	-0.00014	0.00000

49	-0.00015	0.00000	-0.00772	0.00020	-0.00002	0.00000
50	-0.00015	0.00000	-0.00674	-0.00004	-0.00013	0.00000
51	-0.00015	0.00000	-0.00763	0.00018	-0.00003	0.00000
52	0.00019	0.00000	-0.00811	0.00007	0.00005	0.00000
53	0.00019	0.00000	-0.00918	0.00033	0.00017	0.00000
54	0.00019	0.00000	-0.00820	0.00009	0.00006	0.00000
55	0.00019	0.00000	-0.00909	0.00031	0.00016	0.00000
56	-0.00017	0.00000	-0.00667	-0.00005	-0.00012	0.00000
57	-0.00018	0.00000	-0.00774	0.00021	0.00000	0.00000
58	-0.00017	0.00000	-0.00676	-0.00003	-0.00011	0.00000
59	-0.00017	0.00000	-0.00765	0.00019	-0.00002	0.00000
60	0.00007	0.00000	-0.00637	-0.00027	-0.00015	0.00000
61	-0.00002	0.00000	-0.00592	-0.00031	-0.00021	0.00000
62	0.00008	0.00000	-0.00636	-0.00027	-0.00015	0.00000
63	-0.00003	0.00000	-0.00593	-0.00031	-0.00020	0.00000
64	0.00004	0.00000	-0.00992	0.00059	0.00026	0.00000
65	-0.00006	0.00000	-0.00948	0.00055	0.00019	0.00000
66	0.00005	0.00000	-0.00992	0.00059	0.00025	0.00000
67	-0.00006	0.00000	-0.00949	0.00055	0.00020	0.00000
68	0.00006	0.00000	-0.00666	-0.00020	-0.00011	0.00000
69	-0.00004	0.00000	-0.00621	-0.00024	-0.00017	0.00000
70	0.00006	0.00000	-0.00665	-0.00020	-0.00011	0.00000
71	-0.00004	0.00000	-0.00622	-0.00024	-0.00017	0.00000
72	0.00005	0.00000	-0.00964	0.00052	0.00022	0.00000
73	-0.00004	0.00000	-0.00919	0.00048	0.00016	0.00000
74	0.00006	0.00000	-0.00963	0.00051	0.00021	0.00000
75	-0.00005	0.00000	-0.00920	0.00048	0.00016	0.00000

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GLOBAL

1	0.00000	0.00000	-0.00399	0.00000	-0.00002	0.00000
2	0.00000	0.00000	-0.00351	0.00000	0.00003	0.00000
3	0.00000	0.00000	-0.00014	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00029	0.00000	0.00000	0.00000
5	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
6	0.00000	0.00000	-0.00002	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00000	-0.00003	0.00000	0.00000
8	0.00000	0.00000	0.00000	0.00003	0.00000	0.00000
9	0.00000	0.00000	-0.01016	0.00000	0.00003	0.00000
10	0.00000	0.00000	-0.01019	0.00000	0.00003	0.00000
11	0.00000	0.00001	-0.01017	-0.00003	0.00003	0.00000
12	0.00000	0.00000	-0.01017	0.00003	0.00003	0.00000
13	0.00000	0.00000	-0.01017	0.00000	0.00002	0.00000
14	0.00000	0.00000	-0.01019	0.00000	0.00002	0.00000
15	0.00000	0.00001	-0.01018	-0.00003	0.00002	0.00000
16	0.00000	0.00000	-0.01018	0.00003	0.00002	0.00000
17	0.00000	0.00000	-0.00995	0.00000	0.00002	0.00000
18	0.00000	0.00000	-0.00999	0.00000	0.00002	0.00000
19	0.00000	0.00001	-0.00996	-0.00005	0.00002	0.00000
20	0.00000	0.00000	-0.00996	0.00005	0.00002	0.00000
21	0.00000	0.00000	-0.00778	0.00000	0.00002	0.00000
22	0.00000	0.00000	-0.00779	0.00000	0.00002	0.00000

23	0.00000	0.00000	-0.00778	-0.00002	0.00002	0.00000
24	0.00000	0.00000	-0.00778	0.00002	0.00002	0.00000
25	0.00000	0.00000	-0.00778	0.00000	0.00002	0.00000
26	0.00000	0.00000	-0.00780	0.00000	0.00002	0.00000
27	0.00000	0.00000	-0.00779	-0.00002	0.00002	0.00000
28	0.00000	0.00000	-0.00779	0.00002	0.00002	0.00000
29	0.00000	0.00000	-0.00763	0.00000	0.00002	0.00000
30	0.00000	0.00000	-0.00766	0.00000	0.00001	0.00000
31	0.00000	0.00001	-0.00764	-0.00003	0.00002	0.00000
32	0.00000	0.00000	-0.00764	0.00003	0.00002	0.00000
33	0.00000	0.00000	-0.00750	0.00000	0.00002	0.00000
34	0.00000	0.00000	-0.00755	0.00000	0.00002	0.00000
35	0.00000	0.00000	-0.00749	0.00000	0.00002	0.00000
36	0.00000	0.00000	-0.00750	0.00000	0.00002	0.00000
37	0.00000	0.00000	-0.00750	-0.00001	0.00002	0.00000
38	0.00000	0.00000	-0.00750	0.00001	0.00002	0.00000
39	0.00000	0.00000	-0.00750	0.00000	0.00002	0.00000
40	0.00001	0.00000	0.00048	0.00000	0.00009	0.00000
41	0.00001	0.00000	0.00048	0.00000	0.00009	0.00000
42	0.00000	0.00004	0.00000	-0.00027	0.00000	0.00000
43	0.00000	0.00005	0.00000	-0.00032	0.00000	0.00000
44	0.00001	0.00002	-0.00701	-0.00008	0.00011	0.00000
45	0.00001	-0.00001	-0.00701	0.00008	0.00011	0.00000
46	0.00001	0.00002	-0.00701	-0.00010	0.00011	0.00000
47	0.00001	-0.00001	-0.00701	0.00009	0.00011	0.00000
48	0.00000	0.00001	-0.00798	-0.00008	-0.00008	0.00000
49	0.00000	-0.00001	-0.00798	0.00008	-0.00007	0.00000
50	0.00000	0.00001	-0.00798	-0.00009	-0.00008	0.00000
51	0.00000	-0.00002	-0.00798	0.00010	-0.00007	0.00000
52	0.00001	0.00001	-0.00701	-0.00008	0.00011	0.00000
53	0.00001	-0.00001	-0.00701	0.00008	0.00011	0.00000
54	0.00001	0.00002	-0.00701	-0.00009	0.00011	0.00000
55	0.00001	-0.00001	-0.00701	0.00010	0.00011	0.00000
56	0.00000	0.00001	-0.00798	-0.00008	-0.00008	0.00000
57	0.00000	-0.00001	-0.00798	0.00008	-0.00008	0.00000
58	0.00000	0.00002	-0.00798	-0.00010	-0.00008	0.00000
59	0.00000	-0.00001	-0.00798	0.00009	-0.00007	0.00000
60	0.00000	0.00004	-0.00735	-0.00027	0.00004	0.00000
61	0.00000	0.00004	-0.00764	-0.00027	-0.00001	0.00000
62	0.00000	0.00004	-0.00735	-0.00027	0.00004	0.00000
63	0.00000	0.00004	-0.00764	-0.00027	-0.00001	0.00000
64	0.00000	-0.00004	-0.00735	0.00027	0.00004	0.00000
65	0.00000	-0.00004	-0.00764	0.00027	-0.00001	0.00000
66	0.00000	-0.00004	-0.00735	0.00027	0.00004	0.00000
67	0.00000	-0.00004	-0.00764	0.00027	-0.00001	0.00000
68	0.00000	0.00005	-0.00735	-0.00032	0.00004	0.00000
69	0.00000	0.00005	-0.00764	-0.00032	-0.00001	0.00000
70	0.00000	0.00005	-0.00735	-0.00032	0.00004	0.00000
71	0.00000	0.00005	-0.00764	-0.00032	-0.00001	0.00000
72	0.00000	-0.00005	-0.00735	0.00032	0.00004	0.00000

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GLOBAL

73	0.00000	-0.00005	-0.00764	0.00032	-0.00001	0.00000
74	0.00000	-0.00005	-0.00735	0.00032	0.00004	0.00000
75	0.00000	-0.00005	-0.00764	0.00032	-0.00001	0.00000
1	0.00000	0.00000	-0.00398	0.00000	0.00001	0.00000
2	0.00000	0.00000	-0.00355	0.00000	0.00004	0.00000
3	0.00000	0.00000	-0.00015	0.00000	0.00001	0.00000
4	0.00000	0.00000	-0.00029	0.00000	0.00000	0.00000
5	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
6	0.00000	0.00000	-0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00000	-0.00003	0.00000	0.00000
8	0.00000	0.00000	0.00000	0.00003	0.00000	0.00000
9	0.00000	0.00000	-0.01022	0.00000	0.00008	0.00000
10	0.00000	0.00000	-0.01024	0.00000	0.00008	0.00000
11	0.00000	0.00001	-0.01023	-0.00003	0.00008	0.00000
12	0.00000	0.00000	-0.01023	0.00003	0.00008	0.00000
13	0.00000	0.00000	-0.01022	0.00000	0.00007	0.00000
14	0.00000	0.00000	-0.01024	0.00000	0.00007	0.00000
15	0.00000	0.00001	-0.01023	-0.00003	0.00007	0.00000
16	0.00000	0.00000	-0.01023	0.00003	0.00007	0.00000
17	0.00000	0.00000	-0.01000	0.00000	0.00007	0.00000
18	0.00000	0.00000	-0.01003	0.00000	0.00007	0.00000
19	0.00000	0.00001	-0.01001	-0.00004	0.00007	0.00000
20	0.00000	0.00000	-0.01001	0.00004	0.00007	0.00000
21	0.00000	0.00000	-0.00782	0.00000	0.00006	0.00000
22	0.00000	0.00000	-0.00783	0.00000	0.00006	0.00000
23	0.00000	0.00000	-0.00782	-0.00002	0.00006	0.00000
24	0.00000	0.00000	-0.00782	0.00002	0.00006	0.00000
25	0.00000	0.00000	-0.00782	0.00000	0.00005	0.00000
26	0.00000	0.00000	-0.00783	0.00000	0.00005	0.00000
27	0.00000	0.00000	-0.00782	-0.00002	0.00005	0.00000
28	0.00000	0.00000	-0.00782	0.00002	0.00005	0.00000
29	0.00000	0.00000	-0.00767	0.00000	0.00005	0.00000
30	0.00000	0.00000	-0.00769	0.00000	0.00005	0.00000
31	0.00000	0.00001	-0.00768	-0.00003	0.00005	0.00000
32	0.00000	0.00000	-0.00768	0.00003	0.00005	0.00000
33	0.00000	0.00000	-0.00753	0.00000	0.00005	0.00000
34	0.00000	0.00000	-0.00759	0.00000	0.00005	0.00000
35	0.00000	0.00000	-0.00753	0.00000	0.00005	0.00000
36	0.00000	0.00000	-0.00753	0.00000	0.00005	0.00000
37	0.00000	0.00000	-0.00753	-0.00001	0.00005	0.00000
38	0.00000	0.00000	-0.00753	0.00001	0.00005	0.00000
39	0.00000	0.00000	-0.00753	0.00000	0.00005	0.00000
40	0.00001	0.00000	0.00039	0.00000	0.00008	0.00000
41	0.00001	0.00000	0.00039	0.00000	0.00008	0.00000
42	0.00000	0.00004	0.00000	-0.00025	0.00000	0.00000
43	0.00000	0.00005	0.00000	-0.00029	0.00000	0.00000
44	0.00001	0.00001	-0.00714	-0.00007	0.00013	0.00000
45	0.00001	-0.00001	-0.00714	0.00007	0.00013	0.00000
46	0.00001	0.00002	-0.00714	-0.00009	0.00013	0.00000

47	0.00001	-0.00001	-0.00714	0.00009	0.00013	0.00000
48	-0.00001	0.00001	-0.00792	-0.00007	-0.00003	0.00000
49	-0.00001	-0.00001	-0.00792	0.00007	-0.00002	0.00000
50	-0.00001	0.00001	-0.00792	-0.00009	-0.00003	0.00000
51	-0.00001	-0.00001	-0.00792	0.00009	-0.00002	0.00000
52	0.00001	0.00001	-0.00714	-0.00007	0.00013	0.00000
53	0.00001	-0.00001	-0.00714	0.00007	0.00013	0.00000
54	0.00001	0.00002	-0.00714	-0.00009	0.00013	0.00000
55	0.00001	-0.00001	-0.00714	0.00009	0.00013	0.00000
56	-0.00001	0.00001	-0.00792	-0.00007	-0.00003	0.00000
57	-0.00001	-0.00001	-0.00792	0.00007	-0.00002	0.00000
58	-0.00001	0.00002	-0.00792	-0.00009	-0.00003	0.00000
59	-0.00001	-0.00001	-0.00792	0.00009	-0.00002	0.00000
60	0.00000	0.00004	-0.00742	-0.00025	0.00007	0.00000
61	0.00000	0.00004	-0.00765	-0.00025	0.00003	0.00000
62	0.00000	0.00004	-0.00742	-0.00025	0.00007	0.00000
63	0.00000	0.00004	-0.00765	-0.00025	0.00003	0.00000
64	0.00000	-0.00003	-0.00741	0.00025	0.00007	0.00000
65	0.00000	-0.00003	-0.00765	0.00025	0.00003	0.00000
66	0.00000	-0.00003	-0.00741	0.00025	0.00007	0.00000
67	0.00000	-0.00003	-0.00765	0.00025	0.00003	0.00000
68	0.00000	0.00005	-0.00742	-0.00029	0.00007	0.00000
69	0.00000	0.00005	-0.00765	-0.00029	0.00003	0.00000
70	0.00000	0.00005	-0.00742	-0.00029	0.00007	0.00000
71	0.00000	0.00005	-0.00765	-0.00029	0.00003	0.00000
72	0.00000	-0.00004	-0.00741	0.00029	0.00007	0.00000
73	0.00000	-0.00004	-0.00765	0.00029	0.00003	0.00000
74	0.00000	-0.00004	-0.00741	0.00029	0.00007	0.00000
75	0.00000	-0.00004	-0.00765	0.00029	0.00003	0.00000

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GLOBAL

1	0.00000	0.00000	-0.00401	0.00000	0.00004	0.00000
2	0.00000	0.00000	-0.00360	0.00000	0.00005	0.00000
3	0.00000	0.00000	-0.00015	0.00000	0.00001	0.00000
4	0.00000	0.00000	-0.00030	0.00000	0.00001	0.00000
5	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
6	0.00000	0.00000	-0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00000	-0.00003	0.00000	0.00000
8	0.00000	0.00000	0.00000	0.00003	0.00000	0.00000
9	0.00000	0.00000	-0.01033	0.00000	0.00013	0.00000
10	0.00000	0.00000	-0.01036	0.00000	0.00013	0.00000
11	0.00000	0.00001	-0.01034	-0.00002	0.00013	0.00000
12	0.00000	0.00000	-0.01034	0.00002	0.00013	0.00000
13	0.00000	0.00000	-0.01033	0.00000	0.00012	0.00000
14	0.00000	0.00000	-0.01035	0.00000	0.00012	0.00000
15	0.00000	0.00001	-0.01034	-0.00002	0.00012	0.00000
16	0.00000	0.00000	-0.01034	0.00002	0.00012	0.00000
17	0.00000	0.00000	-0.01010	0.00000	0.00012	0.00000
18	0.00000	0.00000	-0.01013	0.00000	0.00012	0.00000
19	0.00000	0.00001	-0.01011	-0.00004	0.00012	0.00000
20	0.00000	0.00000	-0.01011	0.00004	0.00012	0.00000

21	0.00000	0.00000	-0.00790	0.00000	0.00010	0.00000
22	0.00000	0.00000	-0.00792	0.00000	0.00010	0.00000
23	0.00000	0.00000	-0.00791	-0.00002	0.00010	0.00000
24	0.00000	0.00000	-0.00791	0.00002	0.00010	0.00000
25	0.00000	0.00000	-0.00790	0.00000	0.00009	0.00000
26	0.00000	0.00000	-0.00792	0.00000	0.00009	0.00000
27	0.00000	0.00000	-0.00791	-0.00002	0.00009	0.00000
28	0.00000	0.00000	-0.00791	0.00002	0.00009	0.00000
29	0.00000	0.00000	-0.00775	0.00000	0.00009	0.00000
30	0.00000	0.00000	-0.00777	0.00000	0.00009	0.00000
31	0.00000	0.00001	-0.00776	-0.00003	0.00009	0.00000
32	0.00000	0.00000	-0.00776	0.00003	0.00009	0.00000
33	0.00000	0.00000	-0.00761	0.00000	0.00009	0.00000
34	0.00000	0.00000	-0.00767	0.00000	0.00009	0.00000
35	0.00000	0.00000	-0.00761	0.00000	0.00009	0.00000
36	0.00000	0.00000	-0.00761	0.00000	0.00009	0.00000
37	0.00000	0.00000	-0.00761	-0.00001	0.00009	0.00000
38	0.00000	0.00000	-0.00761	0.00001	0.00009	0.00000
39	0.00000	0.00000	-0.00761	0.00000	0.00009	0.00000
40	0.00002	0.00000	0.00031	0.00000	0.00006	0.00000
41	0.00002	0.00000	0.00031	0.00000	0.00006	0.00000
42	0.00000	0.00003	0.00000	-0.00023	0.00000	0.00000
43	0.00000	0.00004	0.00000	-0.00027	0.00000	-0.00001
44	0.00002	0.00001	-0.00729	-0.00007	0.00015	0.00000
45	0.00002	-0.00001	-0.00729	0.00007	0.00015	0.00000
46	0.00002	0.00002	-0.00729	-0.00008	0.00015	0.00000
47	0.00002	-0.00001	-0.00729	0.00008	0.00015	0.00000
48	-0.00002	0.00001	-0.00792	-0.00007	0.00002	0.00000
49	-0.00002	-0.00001	-0.00792	0.00007	0.00002	0.00000
50	-0.00002	0.00001	-0.00792	-0.00008	0.00002	0.00000
51	-0.00002	-0.00001	-0.00792	0.00008	0.00002	0.00000
52	0.00002	0.00001	-0.00729	-0.00007	0.00015	0.00000
53	0.00002	-0.00001	-0.00729	0.00007	0.00015	0.00000
54	0.00002	0.00001	-0.00729	-0.00008	0.00015	0.00000
55	0.00002	-0.00001	-0.00729	0.00008	0.00015	0.00000
56	-0.00002	0.00001	-0.00792	-0.00007	0.00002	0.00000
57	-0.00002	-0.00001	-0.00792	0.00007	0.00002	0.00000
58	-0.00002	0.00001	-0.00792	-0.00008	0.00002	0.00000
59	-0.00002	-0.00001	-0.00792	0.00008	0.00002	0.00000
60	0.00001	0.00003	-0.00752	-0.00023	0.00010	0.00000
61	0.00000	0.00003	-0.00770	-0.00023	0.00007	0.00000
62	0.00001	0.00003	-0.00752	-0.00023	0.00010	0.00000
63	0.00000	0.00003	-0.00770	-0.00023	0.00007	0.00000
64	0.00001	-0.00003	-0.00751	0.00023	0.00011	0.00000
65	0.00000	-0.00003	-0.00770	0.00023	0.00007	0.00000
66	0.00001	-0.00003	-0.00751	0.00023	0.00011	0.00000
67	0.00000	-0.00003	-0.00770	0.00023	0.00007	0.00000
68	0.00001	0.00004	-0.00752	-0.00027	0.00010	-0.00001
69	0.00000	0.00004	-0.00770	-0.00027	0.00007	-0.00001
70	0.00001	0.00004	-0.00752	-0.00027	0.00010	-0.00001

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GLOBAL

71	0.00000	0.00004	-0.00770	-0.00027	0.00007	-0.00001
72	0.00001	-0.00004	-0.00751	0.00027	0.00011	0.00001
73	0.00000	-0.00004	-0.00770	0.00027	0.00007	0.00001
74	0.00001	-0.00004	-0.00751	0.00027	0.00011	0.00001
75	0.00000	-0.00004	-0.00770	0.00027	0.00007	0.00001
1	0.00000	0.00000	-0.00407	0.00000	0.00006	0.00000
2	0.00000	0.00000	-0.00365	0.00000	0.00005	0.00000
3	0.00000	0.00000	-0.00016	0.00000	0.00001	0.00000
4	0.00000	0.00000	-0.00031	0.00000	0.00001	0.00000
5	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
6	0.00000	0.00000	-0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00000	-0.00002	0.00000	0.00000
8	0.00000	0.00000	0.00000	0.00002	0.00000	0.00000
9	0.00000	0.00000	-0.01050	0.00000	0.00016	0.00000
10	0.00000	0.00000	-0.01052	0.00000	0.00016	0.00000
11	0.00000	0.00001	-0.01050	-0.00002	0.00016	0.00000
12	0.00000	0.00000	-0.01050	0.00002	0.00016	0.00000
13	0.00000	0.00000	-0.01048	0.00000	0.00015	0.00000
14	0.00000	0.00000	-0.01051	0.00000	0.00015	0.00000
15	0.00000	0.00001	-0.01049	-0.00002	0.00015	0.00000
16	0.00000	0.00000	-0.01049	0.00002	0.00015	0.00000
17	0.00000	0.00000	-0.01024	0.00000	0.00014	0.00000
18	0.00000	0.00000	-0.01028	0.00000	0.00014	0.00000
19	0.00000	0.00001	-0.01026	-0.00003	0.00015	0.00000
20	0.00000	0.00000	-0.01026	0.00003	0.00015	0.00000
21	0.00000	0.00000	-0.00803	0.00000	0.00012	0.00000
22	0.00000	0.00000	-0.00804	0.00000	0.00012	0.00000
23	0.00000	0.00000	-0.00803	-0.00001	0.00012	0.00000
24	0.00000	0.00000	-0.00803	0.00001	0.00012	0.00000
25	0.00000	0.00000	-0.00802	0.00000	0.00012	0.00000
26	0.00000	0.00000	-0.00803	0.00000	0.00012	0.00000
27	0.00000	0.00000	-0.00802	-0.00001	0.00012	0.00000
28	0.00000	0.00000	-0.00802	0.00001	0.00012	0.00000
29	0.00000	0.00000	-0.00786	0.00000	0.00011	0.00000
30	0.00000	0.00000	-0.00788	0.00000	0.00011	0.00000
31	0.00000	0.00001	-0.00787	-0.00002	0.00011	0.00000
32	0.00000	0.00000	-0.00787	0.00002	0.00011	0.00000
33	0.00000	0.00000	-0.00772	0.00000	0.00011	0.00000
34	0.00000	0.00000	-0.00778	0.00000	0.00011	0.00000
35	0.00000	0.00000	-0.00771	0.00000	0.00011	0.00000
36	0.00000	0.00000	-0.00772	0.00000	0.00011	0.00000
37	0.00000	0.00000	-0.00772	0.00000	0.00011	0.00000
38	0.00000	0.00000	-0.00772	0.00000	0.00011	0.00000
39	0.00000	0.00000	-0.00772	0.00000	0.00011	0.00000
40	0.00002	0.00000	0.00025	0.00000	0.00006	0.00000
41	0.00002	0.00000	0.00025	0.00000	0.00006	0.00000
42	0.00000	0.00003	0.00000	-0.00020	0.00000	0.00000
43	0.00000	0.00003	0.00000	-0.00024	0.00000	-0.00001
44	0.00002	0.00001	-0.00747	-0.00006	0.00016	0.00000

45	0.00002	-0.00001	-0.00747	0.00006	0.00016	0.00000
46	0.00002	0.00001	-0.00747	-0.00007	0.00016	0.00000
47	0.00002	-0.00001	-0.00747	0.00007	0.00016	0.00000
48	-0.00002	0.00001	-0.00796	-0.00006	0.00005	0.00000
49	-0.00002	-0.00001	-0.00796	0.00006	0.00005	0.00000
50	-0.00002	0.00001	-0.00796	-0.00007	0.00005	0.00000
51	-0.00002	-0.00001	-0.00796	0.00007	0.00005	0.00000
52	0.00002	0.00001	-0.00747	-0.00006	0.00016	0.00000
53	0.00002	-0.00001	-0.00747	0.00006	0.00016	0.00000
54	0.00002	0.00001	-0.00747	-0.00007	0.00016	0.00000
55	0.00002	-0.00001	-0.00747	0.00007	0.00016	0.00000
56	-0.00002	0.00001	-0.00796	-0.00006	0.00005	0.00000
57	-0.00002	-0.00001	-0.00796	0.00006	0.00005	0.00000
58	-0.00002	0.00001	-0.00796	-0.00007	0.00005	0.00000
59	-0.00002	-0.00001	-0.00796	0.00007	0.00005	0.00000
60	0.00001	0.00003	-0.00764	-0.00020	0.00012	0.00000
61	0.00000	0.00003	-0.00779	-0.00020	0.00009	0.00000
62	0.00001	0.00003	-0.00764	-0.00020	0.00012	0.00000
63	0.00000	0.00003	-0.00779	-0.00020	0.00009	0.00000
64	0.00001	-0.00003	-0.00764	0.00020	0.00012	0.00000
65	-0.00001	-0.00003	-0.00779	0.00020	0.00009	0.00000
66	0.00001	-0.00003	-0.00764	0.00020	0.00012	0.00000
67	-0.00001	-0.00003	-0.00779	0.00020	0.00009	0.00000
68	0.00001	0.00004	-0.00764	-0.00024	0.00012	-0.00001
69	0.00000	0.00004	-0.00779	-0.00024	0.00009	0.00000
70	0.00001	0.00004	-0.00764	-0.00024	0.00012	-0.00001
71	0.00000	0.00004	-0.00779	-0.00024	0.00009	-0.00001
72	0.00001	-0.00003	-0.00764	0.00024	0.00012	0.00000
73	0.00000	-0.00003	-0.00779	0.00024	0.00009	0.00001
74	0.00001	-0.00003	-0.00764	0.00024	0.00012	0.00001
75	-0.00001	-0.00003	-0.00779	0.00024	0.00009	0.00001

60

GLOBAL

1	0.00000	0.00000	-0.00413	0.00000	0.00006	0.00000
2	0.00000	0.00000	-0.00370	0.00000	0.00004	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00001	0.00000
4	0.00000	0.00000	-0.00032	0.00000	0.00001	0.00000
5	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
6	0.00000	0.00000	-0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00000	-0.00002	0.00000	0.00000
8	0.00000	0.00000	0.00000	0.00002	0.00000	0.00000
9	0.00000	0.00000	-0.01067	0.00000	0.00014	0.00000
10	0.00000	0.00000	-0.01069	0.00000	0.00014	0.00000
11	0.00000	0.00001	-0.01067	-0.00002	0.00014	0.00000
12	0.00000	0.00000	-0.01067	0.00002	0.00014	0.00000
13	0.00000	0.00000	-0.01065	0.00000	0.00014	0.00000
14	0.00000	0.00000	-0.01067	0.00000	0.00014	0.00000
15	0.00000	0.00001	-0.01066	-0.00002	0.00014	0.00000
16	0.00000	0.00000	-0.01066	0.00002	0.00014	0.00000
17	0.00000	0.00000	-0.01040	0.00000	0.00013	0.00000
18	0.00000	0.00000	-0.01043	0.00000	0.00013	0.00000

19	0.00000	0.00001	-0.01042	-0.00003	0.00013	0.00000
20	0.00000	0.00000	-0.01042	0.00003	0.00013	0.00000
21	0.00000	0.00000	-0.00815	0.00000	0.00011	0.00000
22	0.00000	0.00000	-0.00817	0.00000	0.00011	0.00000
23	0.00000	0.00000	-0.00816	-0.00001	0.00011	0.00000
24	0.00000	0.00000	-0.00816	0.00001	0.00011	0.00000
25	0.00000	0.00000	-0.00814	0.00000	0.00010	0.00000
26	0.00000	0.00000	-0.00816	0.00000	0.00010	0.00000
27	0.00000	0.00000	-0.00815	-0.00001	0.00010	0.00000
28	0.00000	0.00000	-0.00815	0.00001	0.00010	0.00000
29	0.00000	0.00000	-0.00798	0.00000	0.00010	0.00000
30	0.00000	0.00000	-0.00800	0.00000	0.00010	0.00000
31	0.00000	0.00000	-0.00799	-0.00002	0.00010	0.00000
32	0.00000	0.00000	-0.00799	0.00002	0.00010	0.00000
33	0.00000	0.00000	-0.00783	0.00000	0.00010	0.00000
34	0.00000	0.00000	-0.00789	0.00000	0.00010	0.00000
35	0.00000	0.00000	-0.00783	0.00000	0.00010	0.00000
36	0.00000	0.00000	-0.00783	0.00000	0.00010	0.00000
37	0.00000	0.00000	-0.00783	0.00000	0.00010	0.00000
38	0.00000	0.00000	-0.00783	0.00000	0.00010	0.00000
39	0.00000	0.00000	-0.00783	0.00000	0.00010	0.00000
40	0.00003	0.00000	0.00019	0.00000	0.00006	0.00000
41	0.00003	0.00000	0.00019	0.00000	0.00006	0.00000
42	0.00000	0.00002	0.00000	-0.00018	0.00000	0.00000
43	0.00000	0.00003	0.00000	-0.00021	0.00000	0.00000
44	0.00003	0.00001	-0.00764	-0.00005	0.00015	0.00000
45	0.00003	0.00000	-0.00764	0.00006	0.00015	0.00000
46	0.00003	0.00001	-0.00764	-0.00006	0.00015	0.00000
47	0.00003	-0.00001	-0.00764	0.00007	0.00015	0.00000
48	-0.00003	0.00001	-0.00802	-0.00006	0.00004	0.00000
49	-0.00003	-0.00001	-0.00802	0.00005	0.00004	0.00000
50	-0.00003	0.00001	-0.00802	-0.00007	0.00004	0.00000
51	-0.00003	-0.00001	-0.00802	0.00006	0.00004	0.00000
52	0.00003	0.00001	-0.00764	-0.00006	0.00015	0.00000
53	0.00003	0.00000	-0.00764	0.00005	0.00015	0.00000
54	0.00003	0.00001	-0.00764	-0.00007	0.00015	0.00000
55	0.00003	-0.00001	-0.00764	0.00006	0.00015	0.00000
56	-0.00003	0.00001	-0.00802	-0.00005	0.00004	0.00000
57	-0.00003	-0.00001	-0.00802	0.00006	0.00004	0.00000
58	-0.00003	0.00001	-0.00802	-0.00006	0.00004	0.00000
59	-0.00003	-0.00001	-0.00802	0.00007	0.00004	0.00000
60	0.00001	0.00003	-0.00777	-0.00018	0.00011	0.00000
61	-0.00001	0.00003	-0.00789	-0.00018	0.00008	0.00000
62	0.00001	0.00003	-0.00777	-0.00018	0.00011	0.00000
63	-0.00001	0.00003	-0.00789	-0.00018	0.00008	0.00000
64	0.00001	-0.00002	-0.00777	0.00018	0.00011	0.00000
65	-0.00001	-0.00002	-0.00789	0.00018	0.00008	0.00000
66	0.00001	-0.00002	-0.00777	0.00018	0.00011	0.00000
67	-0.00001	-0.00002	-0.00789	0.00018	0.00008	0.00000
68	0.00001	0.00003	-0.00778	-0.00021	0.00011	0.00000

69	-0.00001	0.00003	-0.00789	-0.00021	0.00008	0.00000
70	0.00001	0.00003	-0.00778	-0.00021	0.00011	0.00000
71	-0.00001	0.00003	-0.00789	-0.00021	0.00008	0.00000
72	0.00001	-0.00003	-0.00777	0.00021	0.00011	0.00000
73	-0.00001	-0.00003	-0.00789	0.00021	0.00008	0.00000
74	0.00001	-0.00003	-0.00777	0.00021	0.00011	0.00000
75	-0.00001	-0.00003	-0.00789	0.00021	0.00008	0.00000
61	GLOBAL					
1	0.00000	0.00000	-0.00417	0.00000	-0.00002	0.00000
2	0.00000	0.00000	-0.00374	0.00000	0.00001	0.00000
3	0.00000	0.00000	-0.00018	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00033	0.00000	0.00000	0.00000
5	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
6	0.00000	0.00000	-0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00000	-0.00002	0.00000	0.00000
8	0.00000	0.00000	0.00000	0.00002	0.00000	0.00000
9	0.00001	0.00000	-0.01079	0.00000	-0.00002	0.00000
10	0.00000	0.00000	-0.01081	0.00000	-0.00002	0.00000
11	0.00000	0.00001	-0.01080	-0.00001	-0.00002	0.00000
12	0.00000	0.00000	-0.01080	0.00001	-0.00002	0.00000
13	0.00001	0.00000	-0.01077	0.00000	-0.00002	0.00000
14	0.00000	0.00000	-0.01079	0.00000	-0.00002	0.00000
15	0.00000	0.00001	-0.01078	-0.00001	-0.00002	0.00000
16	0.00000	0.00000	-0.01078	0.00001	-0.00002	0.00000
17	0.00001	0.00000	-0.01052	0.00000	-0.00002	0.00000
18	0.00000	0.00000	-0.01054	0.00000	-0.00002	0.00000
19	0.00000	0.00001	-0.01053	-0.00002	-0.00002	0.00000
20	0.00000	0.00000	-0.01053	0.00002	-0.00002	0.00000
21	0.00000	0.00000	-0.00825	0.00000	-0.00001	0.00000
22	0.00000	0.00000	-0.00826	0.00000	-0.00002	0.00000
23	0.00000	0.00000	-0.00826	-0.00001	-0.00001	0.00000
24	0.00000	0.00000	-0.00826	0.00001	-0.00001	0.00000
25	0.00000	0.00000	-0.00824	0.00000	-0.00002	0.00000
26	0.00000	0.00000	-0.00825	0.00000	-0.00002	0.00000
27	0.00000	0.00000	-0.00824	-0.00001	-0.00002	0.00000
28	0.00000	0.00000	-0.00824	0.00001	-0.00002	0.00000
29	0.00000	0.00000	-0.00807	0.00000	-0.00001	0.00000
30	0.00000	0.00000	-0.00809	0.00000	-0.00002	0.00000
31	0.00000	0.00000	-0.00808	-0.00002	-0.00001	0.00000
32	0.00000	0.00000	-0.00808	0.00002	-0.00001	0.00000
33	0.00000	0.00000	-0.00792	0.00000	-0.00001	0.00000
34	0.00000	0.00000	-0.00798	0.00000	-0.00001	0.00000
35	0.00000	0.00000	-0.00791	0.00000	-0.00001	0.00000
36	0.00000	0.00000	-0.00792	0.00000	-0.00001	0.00000
37	0.00000	0.00000	-0.00791	0.00000	-0.00001	0.00000
38	0.00000	0.00000	-0.00791	0.00000	-0.00001	0.00000
39	0.00000	0.00000	-0.00792	0.00000	-0.00001	0.00000
40	0.00004	0.00000	0.00008	0.00000	0.00004	0.00000
41	0.00004	0.00000	0.00008	0.00000	0.00004	0.00000
42	0.00000	0.00002	0.00000	-0.00016	0.00000	0.00000

43	0.00000	0.00002	0.00000	-0.00018	0.00000	0.00000
44	0.00004	0.00001	-0.00784	-0.00005	0.00002	0.00000
45	0.00004	0.00000	-0.00784	0.00005	0.00002	0.00000
46	0.00004	0.00001	-0.00784	-0.00005	0.00002	0.00000
47	0.00004	-0.00001	-0.00784	0.00006	0.00002	0.00000
48	-0.00003	0.00001	-0.00799	-0.00005	-0.00005	0.00000
49	-0.00003	0.00000	-0.00799	0.00005	-0.00005	0.00000
50	-0.00003	0.00001	-0.00799	-0.00006	-0.00005	0.00000
51	-0.00003	-0.00001	-0.00799	0.00005	-0.00005	0.00000
52	0.00004	0.00001	-0.00784	-0.00005	0.00002	0.00000
53	0.00004	0.00000	-0.00784	0.00005	0.00002	0.00000
54	0.00004	0.00001	-0.00784	-0.00006	0.00002	0.00000
55	0.00004	0.00000	-0.00784	0.00005	0.00002	0.00000
56	-0.00003	0.00001	-0.00799	-0.00005	-0.00005	0.00000
57	-0.00003	-0.00001	-0.00799	0.00005	-0.00005	0.00000
58	-0.00003	0.00001	-0.00799	-0.00005	-0.00005	0.00000
59	-0.00003	-0.00001	-0.00799	0.00006	-0.00005	0.00000
60	0.00001	0.00002	-0.00789	-0.00016	0.00000	0.00000
61	-0.00001	0.00002	-0.00794	-0.00016	-0.00003	0.00000
62	0.00001	0.00002	-0.00789	-0.00016	0.00000	0.00000
63	-0.00001	0.00002	-0.00794	-0.00016	-0.00003	0.00000
64	0.00001	-0.00002	-0.00789	0.00016	0.00000	0.00000
65	-0.00001	-0.00002	-0.00794	0.00016	-0.00002	0.00000
66	0.00001	-0.00002	-0.00789	0.00016	0.00000	0.00000
67	-0.00001	-0.00002	-0.00794	0.00016	-0.00002	0.00000
68	0.00001	0.00003	-0.00789	-0.00018	0.00000	0.00000
69	-0.00001	0.00003	-0.00794	-0.00018	-0.00003	0.00000
70	0.00001	0.00003	-0.00789	-0.00018	0.00000	0.00000
71	-0.00001	0.00002	-0.00794	-0.00018	-0.00003	0.00000
72	0.00001	-0.00002	-0.00789	0.00018	0.00000	0.00000
73	-0.00001	-0.00002	-0.00794	0.00018	-0.00002	0.00000
74	0.00001	-0.00002	-0.00789	0.00018	0.00000	0.00000
75	-0.00001	-0.00002	-0.00794	0.00018	-0.00002	0.00000

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GLOBAL

1	0.00000	0.00000	-0.00414	0.00000	-0.00003	0.00000
2	0.00000	0.00000	-0.00375	0.00000	0.00000	0.00000
3	0.00000	0.00000	-0.00018	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00032	0.00000	0.00000	0.00000
5	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
6	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00000	-0.00001	0.00000	0.00000
8	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000
9	0.00001	0.00000	-0.01075	0.00000	-0.00005	0.00000
10	0.00000	0.00000	-0.01076	0.00000	-0.00005	0.00000
11	0.00000	0.00001	-0.01076	-0.00001	-0.00005	0.00000
12	0.00000	0.00000	-0.01076	0.00001	-0.00005	0.00000
13	0.00001	0.00000	-0.01073	0.00000	-0.00005	0.00000
14	0.00000	0.00000	-0.01074	0.00000	-0.00005	0.00000
15	0.00000	0.00001	-0.01074	-0.00001	-0.00005	0.00000
16	0.00000	0.00000	-0.01074	0.00001	-0.00005	0.00000

17	0.00001	0.00000	-0.01048	0.00000	-0.00004	0.00000
18	0.00000	0.00000	-0.01050	0.00000	-0.00005	0.00000
19	0.00000	0.00001	-0.01049	-0.00002	-0.00005	0.00000
20	0.00000	0.00000	-0.01049	0.00002	-0.00005	0.00000
21	0.00000	0.00000	-0.00822	0.00000	-0.00004	0.00000
22	0.00000	0.00000	-0.00823	0.00000	-0.00004	0.00000
23	0.00000	0.00000	-0.00822	-0.00001	-0.00004	0.00000
24	0.00000	0.00000	-0.00822	0.00001	-0.00004	0.00000
25	0.00000	0.00000	-0.00820	0.00000	-0.00004	0.00000
26	0.00000	0.00000	-0.00821	0.00000	-0.00004	0.00000
27	0.00000	0.00000	-0.00821	-0.00001	-0.00004	0.00000
28	0.00000	0.00000	-0.00821	0.00001	-0.00004	0.00000
29	0.00000	0.00000	-0.00804	0.00000	-0.00003	0.00000
30	0.00000	0.00000	-0.00805	0.00000	-0.00004	0.00000
31	0.00000	0.00000	-0.00805	-0.00001	-0.00004	0.00000
32	0.00000	0.00000	-0.00805	0.00001	-0.00004	0.00000
33	0.00000	0.00000	-0.00789	0.00000	-0.00003	0.00000
34	0.00000	0.00000	-0.00795	0.00000	-0.00003	0.00000
35	0.00000	0.00000	-0.00788	0.00000	-0.00003	0.00000
36	0.00000	0.00000	-0.00789	0.00000	-0.00003	0.00000
37	0.00000	0.00000	-0.00789	0.00000	-0.00003	0.00000
38	0.00000	0.00000	-0.00789	0.00000	-0.00003	0.00000
39	0.00000	0.00000	-0.00789	0.00000	-0.00003	0.00000
40	0.00004	0.00000	0.00005	0.00000	0.00002	0.00000
41	0.00004	0.00000	0.00005	0.00000	0.00002	0.00000
42	0.00000	0.00002	0.00000	-0.00015	0.00000	0.00000
43	0.00000	0.00002	0.00000	-0.00017	0.00000	0.00000
44	0.00004	0.00001	-0.00784	-0.00004	-0.00002	0.00000
45	0.00004	0.00000	-0.00784	0.00005	-0.00002	0.00000
46	0.00004	0.00001	-0.00784	-0.00005	-0.00002	0.00000
47	0.00004	0.00000	-0.00784	0.00005	-0.00002	0.00000
48	-0.00004	0.00001	-0.00794	-0.00005	-0.00005	0.00000
49	-0.00004	0.00000	-0.00794	0.00004	-0.00005	0.00000
50	-0.00004	0.00001	-0.00794	-0.00005	-0.00005	0.00000
51	-0.00004	0.00000	-0.00794	0.00005	-0.00005	0.00000
52	0.00004	0.00001	-0.00784	-0.00005	-0.00002	0.00000
53	0.00004	0.00000	-0.00784	0.00004	-0.00002	0.00000
54	0.00004	0.00001	-0.00784	-0.00005	-0.00002	0.00000
55	0.00004	0.00000	-0.00784	0.00005	-0.00002	0.00000
56	-0.00004	0.00001	-0.00794	-0.00004	-0.00005	0.00000
57	-0.00004	0.00000	-0.00794	0.00005	-0.00005	0.00000
58	-0.00004	0.00001	-0.00794	-0.00005	-0.00005	0.00000
59	-0.00004	-0.00001	-0.00794	0.00005	-0.00005	0.00000
60	0.00002	0.00002	-0.00787	-0.00015	-0.00003	0.00000
61	-0.00001	0.00002	-0.00790	-0.00016	-0.00004	0.00000
62	0.00002	0.00002	-0.00787	-0.00016	-0.00003	0.00000
63	-0.00001	0.00002	-0.00790	-0.00015	-0.00004	0.00000
64	0.00001	-0.00002	-0.00787	0.00016	-0.00003	0.00000
65	-0.00001	-0.00002	-0.00790	0.00015	-0.00004	0.00000
66	0.00001	-0.00002	-0.00787	0.00015	-0.00003	0.00000

67	-0.00001	-0.00002	-0.00790	0.00016	-0.00004	0.00000
68	0.00002	0.00002	-0.00787	-0.00017	-0.00003	0.00000
69	-0.00001	0.00002	-0.00790	-0.00017	-0.00004	0.00000
70	0.00002	0.00002	-0.00787	-0.00017	-0.00003	0.00000
71	-0.00001	0.00002	-0.00790	-0.00017	-0.00004	0.00000
72	0.00001	-0.00002	-0.00787	0.00017	-0.00003	0.00000
73	-0.00001	-0.00002	-0.00790	0.00017	-0.00004	0.00000
74	0.00001	-0.00002	-0.00787	0.00017	-0.00003	0.00000
75	-0.00001	-0.00002	-0.00790	0.00017	-0.00004	0.00000
1	0.00000	0.00000	-0.00411	0.00000	-0.00002	0.00000
2	0.00000	0.00000	-0.00374	0.00000	0.00000	0.00000
3	0.00000	0.00000	-0.00018	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00032	0.00000	0.00000	0.00000
5	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
6	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00000	-0.00001	0.00000	0.00000
8	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000
9	0.00001	0.00000	-0.01070	0.00000	-0.00004	0.00000
10	0.00000	0.00000	-0.01071	0.00000	-0.00004	0.00000
11	0.00000	0.00001	-0.01071	-0.00001	-0.00004	0.00000
12	0.00000	0.00000	-0.01071	0.00001	-0.00004	0.00000
13	0.00001	0.00000	-0.01068	0.00000	-0.00004	0.00000
14	0.00000	0.00000	-0.01069	0.00000	-0.00004	0.00000
15	0.00000	0.00001	-0.01068	-0.00001	-0.00004	0.00000
16	0.00000	0.00000	-0.01068	0.00001	-0.00004	0.00000
17	0.00001	0.00000	-0.01044	0.00000	-0.00003	0.00000
18	0.00000	0.00000	-0.01045	0.00000	-0.00004	0.00000
19	0.00000	0.00001	-0.01044	-0.00002	-0.00003	0.00000
20	0.00000	0.00000	-0.01044	0.00002	-0.00003	0.00000
21	0.00000	0.00000	-0.00818	0.00000	-0.00003	0.00000
22	0.00000	0.00000	-0.00819	0.00000	-0.00003	0.00000
23	0.00000	0.00000	-0.00819	-0.00001	-0.00003	0.00000
24	0.00000	0.00000	-0.00819	0.00001	-0.00003	0.00000
25	0.00000	0.00000	-0.00817	0.00000	-0.00003	0.00000
26	0.00000	0.00000	-0.00817	0.00000	-0.00003	0.00000
27	0.00000	0.00000	-0.00817	-0.00001	-0.00003	0.00000
28	0.00000	0.00000	-0.00817	0.00001	-0.00003	0.00000
29	0.00001	0.00000	-0.00800	0.00000	-0.00002	0.00000
30	0.00000	0.00000	-0.00802	0.00000	-0.00003	0.00000
31	0.00000	0.00000	-0.00801	-0.00001	-0.00003	0.00000
32	0.00000	0.00000	-0.00801	0.00001	-0.00003	0.00000
33	0.00000	0.00000	-0.00785	0.00000	-0.00002	0.00000
34	0.00000	0.00000	-0.00792	0.00000	-0.00003	0.00000
35	0.00000	0.00000	-0.00785	0.00000	-0.00002	0.00000
36	0.00000	0.00000	-0.00785	0.00000	-0.00002	0.00000
37	0.00000	0.00000	-0.00785	0.00000	-0.00002	0.00000
38	0.00000	0.00000	-0.00785	0.00000	-0.00002	0.00000
39	0.00000	0.00000	-0.00785	0.00000	-0.00002	0.00000
40	0.00005	0.00000	0.00004	0.00000	0.00001	0.00000

41	0.00005	0.00000	0.00004	0.00000	0.00001	0.00000
42	0.00000	0.00002	0.00000	-0.00015	0.00000	0.00000
43	0.00000	0.00002	0.00000	-0.00016	0.00000	0.00000
44	0.00005	0.00001	-0.00782	-0.00004	-0.00002	0.00000
45	0.00005	0.00000	-0.00782	0.00005	-0.00002	0.00000
46	0.00005	0.00001	-0.00782	-0.00005	-0.00002	0.00000
47	0.00005	0.00000	-0.00782	0.00005	-0.00002	0.00000
48	-0.00004	0.00001	-0.00789	-0.00005	-0.00003	0.00000
49	-0.00004	0.00000	-0.00789	0.00004	-0.00003	0.00000
50	-0.00004	0.00001	-0.00789	-0.00005	-0.00003	0.00000
51	-0.00004	0.00000	-0.00789	0.00005	-0.00003	0.00000
52	0.00005	0.00001	-0.00782	-0.00005	-0.00002	0.00000
53	0.00005	0.00000	-0.00782	0.00004	-0.00002	0.00000
54	0.00005	0.00001	-0.00782	-0.00005	-0.00002	0.00000
55	0.00005	0.00000	-0.00782	0.00005	-0.00002	0.00000
56	-0.00004	0.00001	-0.00789	-0.00004	-0.00003	0.00000
57	-0.00004	0.00000	-0.00789	0.00005	-0.00003	0.00000
58	-0.00004	0.00001	-0.00789	-0.00005	-0.00003	0.00000
59	-0.00004	0.00000	-0.00789	0.00005	-0.00003	0.00000
60	0.00002	0.00002	-0.00784	-0.00015	-0.00002	0.00000
61	-0.00001	0.00002	-0.00786	-0.00015	-0.00003	0.00000
62	0.00002	0.00002	-0.00784	-0.00015	-0.00002	0.00000
63	-0.00001	0.00002	-0.00786	-0.00015	-0.00003	0.00000
64	0.00002	-0.00002	-0.00784	0.00015	-0.00002	0.00000
65	-0.00001	-0.00002	-0.00786	0.00015	-0.00003	0.00000
66	0.00002	-0.00002	-0.00784	0.00015	-0.00002	0.00000
67	-0.00001	-0.00002	-0.00786	0.00015	-0.00003	0.00000
68	0.00002	0.00002	-0.00784	-0.00016	-0.00002	0.00000
69	-0.00001	0.00002	-0.00786	-0.00016	-0.00003	0.00000
70	0.00002	0.00002	-0.00784	-0.00016	-0.00002	0.00000
71	-0.00001	0.00002	-0.00786	-0.00016	-0.00003	0.00000
72	0.00002	-0.00002	-0.00784	0.00016	-0.00002	0.00000
73	-0.00001	-0.00002	-0.00786	0.00016	-0.00003	0.00000
74	0.00002	-0.00002	-0.00784	0.00016	-0.00002	0.00000
75	-0.00001	-0.00002	-0.00786	0.00016	-0.00003	0.00000

64

GLOBAL

1	0.00000	0.00000	-0.00409	0.00000	-0.00001	0.00000
2	0.00000	0.00000	-0.00374	0.00000	0.00000	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00032	0.00000	0.00000	0.00000
5	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
6	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00000	-0.00001	0.00000	0.00000
8	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000
9	0.00001	0.00000	-0.01068	0.00000	-0.00001	0.00000
10	0.00000	0.00000	-0.01069	0.00000	-0.00001	0.00000
11	0.00000	0.00001	-0.01068	-0.00001	-0.00001	0.00000
12	0.00000	0.00000	-0.01068	0.00001	-0.00001	0.00000
13	0.00001	0.00000	-0.01066	0.00000	-0.00001	0.00000
14	0.00000	0.00000	-0.01066	0.00000	-0.00001	0.00000

15	0.00000	0.00001	-0.01066	-0.00001	-0.00001	0.00000
16	0.00000	0.00000	-0.01066	0.00001	-0.00001	0.00000
17	0.00001	0.00000	-0.01042	0.00000	-0.00001	0.00000
18	0.00000	0.00000	-0.01043	0.00000	-0.00001	0.00000
19	0.00000	0.00001	-0.01042	-0.00002	-0.00001	0.00000
20	0.00000	0.00000	-0.01042	0.00002	-0.00001	0.00000
21	0.00000	0.00000	-0.00817	0.00000	-0.00001	0.00000
22	0.00000	0.00000	-0.00817	0.00000	-0.00001	0.00000
23	0.00000	0.00000	-0.00817	-0.00001	-0.00001	0.00000
24	0.00000	0.00000	-0.00817	0.00001	-0.00001	0.00000
25	0.00000	0.00000	-0.00815	0.00000	-0.00001	0.00000
26	0.00000	0.00000	-0.00815	0.00000	-0.00001	0.00000
27	0.00000	0.00000	-0.00815	-0.00001	-0.00001	0.00000
28	0.00000	0.00000	-0.00815	0.00001	-0.00001	0.00000
29	0.00001	0.00000	-0.00799	0.00000	0.00000	0.00000
30	0.00000	0.00000	-0.00800	0.00000	-0.00001	0.00000
31	0.00000	0.00001	-0.00799	-0.00001	-0.00001	0.00000
32	0.00000	0.00000	-0.00799	0.00001	-0.00001	0.00000
33	0.00000	0.00000	-0.00784	0.00000	0.00000	0.00000
34	0.00000	0.00000	-0.00790	0.00000	-0.00001	0.00000
35	0.00000	0.00000	-0.00784	0.00000	0.00000	0.00000
36	0.00000	0.00000	-0.00784	0.00000	-0.00001	0.00000
37	0.00000	0.00000	-0.00784	0.00000	0.00000	0.00000
38	0.00000	0.00000	-0.00784	0.00000	0.00000	0.00000
39	0.00000	0.00000	-0.00784	0.00000	0.00000	0.00000
40	0.00005	0.00000	0.00003	0.00000	0.00001	0.00000
41	0.00005	0.00000	0.00003	0.00000	0.00001	0.00000
42	0.00000	0.00002	0.00000	-0.00015	0.00000	0.00000
43	0.00000	0.00002	0.00000	-0.00015	0.00000	0.00000
44	0.00005	0.00001	-0.00781	-0.00004	0.00000	0.00000
45	0.00005	0.00000	-0.00781	0.00004	0.00000	0.00000
46	0.00005	0.00001	-0.00781	-0.00005	0.00000	0.00000
47	0.00005	0.00000	-0.00781	0.00005	0.00000	0.00000
48	-0.00005	0.00001	-0.00787	-0.00004	-0.00001	0.00000
49	-0.00005	0.00000	-0.00787	0.00004	-0.00001	0.00000
50	-0.00005	0.00001	-0.00787	-0.00005	-0.00001	0.00000
51	-0.00005	0.00000	-0.00787	0.00005	-0.00001	0.00000
52	0.00005	0.00001	-0.00781	-0.00004	0.00000	0.00000
53	0.00005	0.00000	-0.00781	0.00004	0.00000	0.00000
54	0.00005	0.00001	-0.00781	-0.00005	0.00000	0.00000
55	0.00005	0.00000	-0.00781	0.00005	0.00000	0.00000
56	-0.00005	0.00001	-0.00787	-0.00004	-0.00001	0.00000
57	-0.00005	0.00000	-0.00787	0.00004	-0.00001	0.00000
58	-0.00005	0.00001	-0.00787	-0.00005	-0.00001	0.00000
59	-0.00005	0.00000	-0.00787	0.00005	-0.00001	0.00000
60	0.00002	0.00002	-0.00783	-0.00015	0.00000	0.00000
61	-0.00001	0.00002	-0.00785	-0.00015	-0.00001	0.00000
62	0.00002	0.00002	-0.00783	-0.00015	0.00000	0.00000
63	-0.00001	0.00002	-0.00785	-0.00015	-0.00001	0.00000
64	0.00002	-0.00002	-0.00783	0.00015	0.00000	0.00000

65	-0.00001	-0.00002	-0.00785	0.00015	-0.00001	0.00000
66	0.00002	-0.00002	-0.00783	0.00015	0.00000	0.00000
67	-0.00001	-0.00002	-0.00785	0.00015	-0.00001	0.00000
68	0.00002	0.00002	-0.00783	-0.00015	0.00000	0.00000
69	-0.00001	0.00002	-0.00785	-0.00015	-0.00001	0.00000
70	0.00002	0.00002	-0.00783	-0.00015	0.00000	0.00000
71	-0.00001	0.00002	-0.00785	-0.00015	-0.00001	0.00000
72	0.00002	-0.00002	-0.00783	0.00015	0.00000	0.00000
73	-0.00001	-0.00002	-0.00785	0.00015	-0.00001	0.00000
74	0.00002	-0.00002	-0.00783	0.00015	0.00000	0.00000
75	-0.00001	-0.00002	-0.00785	0.00015	-0.00001	0.00000

65

GLOBAL

1	0.00000	0.00000	-0.00409	0.00000	0.00000	0.00000
2	0.00000	0.00000	-0.00375	0.00000	0.00000	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00032	0.00000	0.00000	0.00000
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
6	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00000	-0.00001	0.00000	0.00000
8	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000
9	0.00001	0.00000	-0.01069	0.00000	0.00001	0.00000
10	0.00000	0.00000	-0.01069	0.00000	0.00001	0.00000
11	0.00000	0.00001	-0.01069	-0.00001	0.00001	0.00000
12	0.00000	0.00000	-0.01069	0.00001	0.00001	0.00000
13	0.00001	0.00000	-0.01066	0.00000	0.00001	0.00000
14	0.00000	0.00000	-0.01067	0.00000	0.00001	0.00000
15	0.00000	0.00001	-0.01066	-0.00001	0.00001	0.00000
16	0.00000	0.00000	-0.01066	0.00001	0.00001	0.00000
17	0.00001	0.00000	-0.01042	0.00000	0.00001	0.00000
18	0.00000	0.00000	-0.01043	0.00000	0.00001	0.00000
19	0.00000	0.00001	-0.01042	-0.00002	0.00001	0.00000
20	0.00000	0.00000	-0.01042	0.00002	0.00001	0.00000
21	0.00000	0.00000	-0.00817	0.00000	0.00001	0.00000
22	0.00000	0.00000	-0.00817	0.00000	0.00001	0.00000
23	0.00000	0.00000	-0.00817	-0.00001	0.00001	0.00000
24	0.00000	0.00000	-0.00817	0.00001	0.00001	0.00000
25	0.00000	0.00000	-0.00815	0.00000	0.00001	0.00000
26	0.00000	0.00000	-0.00816	0.00000	0.00001	0.00000
27	0.00000	0.00000	-0.00815	-0.00001	0.00001	0.00000
28	0.00000	0.00000	-0.00815	0.00001	0.00001	0.00000
29	0.00001	0.00000	-0.00799	0.00000	0.00001	0.00000
30	0.00000	0.00000	-0.00800	0.00000	0.00001	0.00000
31	0.00000	0.00001	-0.00799	-0.00001	0.00001	0.00000
32	0.00000	0.00000	-0.00799	0.00001	0.00001	0.00000
33	0.00000	0.00000	-0.00784	0.00000	0.00001	0.00000
34	0.00000	0.00000	-0.00790	0.00000	0.00001	0.00000
35	0.00000	0.00000	-0.00784	0.00000	0.00001	0.00000
36	0.00000	0.00000	-0.00784	0.00000	0.00001	0.00000
37	0.00000	0.00000	-0.00784	0.00000	0.00001	0.00000
38	0.00000	0.00000	-0.00784	0.00000	0.00001	0.00000

39	0.00000	0.00000	-0.00784	0.00000	0.00001	0.00000
40	0.00005	0.00000	0.00002	0.00000	0.00002	0.00000
41	0.00005	0.00000	0.00002	0.00000	0.00002	0.00000
42	0.00000	0.00002	0.00000	-0.00014	0.00000	0.00000
43	0.00000	0.00002	0.00000	-0.00014	0.00000	0.00000
44	0.00006	0.00001	-0.00782	-0.00004	0.00002	0.00000
45	0.00006	0.00000	-0.00782	0.00004	0.00002	0.00000
46	0.00006	0.00001	-0.00782	-0.00004	0.00002	0.00000
47	0.00006	0.00000	-0.00782	0.00004	0.00002	0.00000
48	-0.00005	0.00001	-0.00786	-0.00004	-0.00001	0.00000
49	-0.00005	0.00000	-0.00786	0.00004	-0.00001	0.00000
50	-0.00005	0.00001	-0.00786	-0.00004	-0.00001	0.00000
51	-0.00005	0.00000	-0.00786	0.00004	-0.00001	0.00000
52	0.00006	0.00001	-0.00782	-0.00004	0.00002	0.00000
53	0.00006	0.00000	-0.00782	0.00004	0.00002	0.00000
54	0.00006	0.00001	-0.00782	-0.00004	0.00002	0.00000
55	0.00006	0.00000	-0.00782	0.00004	0.00002	0.00000
56	-0.00005	0.00001	-0.00786	-0.00004	-0.00001	0.00000
57	-0.00005	0.00000	-0.00786	0.00004	-0.00001	0.00000
58	-0.00005	0.00001	-0.00786	-0.00004	-0.00001	0.00000
59	-0.00005	0.00000	-0.00786	0.00004	-0.00001	0.00000
60	0.00002	0.00002	-0.00783	-0.00014	0.00001	0.00000
61	-0.00001	0.00002	-0.00784	-0.00014	0.00000	0.00000
62	0.00002	0.00002	-0.00783	-0.00014	0.00001	0.00000
63	-0.00001	0.00002	-0.00784	-0.00014	0.00000	0.00000
64	0.00002	-0.00002	-0.00783	0.00014	0.00001	0.00000
65	-0.00001	-0.00002	-0.00784	0.00014	0.00000	0.00000
66	0.00002	-0.00002	-0.00783	0.00014	0.00001	0.00000
67	-0.00001	-0.00002	-0.00784	0.00014	0.00000	0.00000
68	0.00002	0.00002	-0.00783	-0.00014	0.00001	0.00000
69	-0.00001	0.00002	-0.00784	-0.00014	0.00000	0.00000
70	0.00002	0.00002	-0.00783	-0.00014	0.00001	0.00000
71	-0.00001	0.00002	-0.00784	-0.00014	0.00000	0.00000
72	0.00002	-0.00002	-0.00783	0.00014	0.00001	0.00000
73	-0.00001	-0.00002	-0.00784	0.00014	0.00000	0.00000
74	0.00002	-0.00002	-0.00783	0.00014	0.00001	0.00000
75	-0.00001	-0.00002	-0.00784	0.00014	0.00000	0.00000
66	GLOBAL					
1	0.00000	0.00000	-0.00409	0.00000	0.00000	0.00000
2	0.00000	0.00000	-0.00375	0.00000	0.00000	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00032	0.00000	0.00000	0.00000
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
6	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00000	-0.00001	0.00000	0.00000
8	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000
9	0.00001	0.00000	-0.01069	0.00000	-0.00001	0.00000
10	0.00000	0.00000	-0.01069	0.00000	-0.00001	0.00000
11	0.00000	0.00001	-0.01069	-0.00001	-0.00001	0.00000
12	0.00000	0.00000	-0.01069	0.00001	-0.00001	0.00000

13	0.00001	0.00000	-0.01067	0.00000	-0.00001	0.00000
14	0.00000	0.00000	-0.01066	0.00000	-0.00001	0.00000
15	0.00000	0.00001	-0.01066	-0.00001	-0.00001	0.00000
16	0.00000	0.00000	-0.01066	0.00001	-0.00001	0.00000
17	0.00001	0.00000	-0.01043	0.00000	-0.00001	0.00000
18	0.00000	0.00000	-0.01042	0.00000	-0.00001	0.00000
19	0.00000	0.00001	-0.01042	-0.00002	-0.00001	0.00000
20	0.00000	0.00000	-0.01042	0.00002	-0.00001	0.00000
21	0.00001	0.00000	-0.00817	0.00000	-0.00001	0.00000
22	0.00000	0.00000	-0.00817	0.00000	-0.00001	0.00000
23	0.00000	0.00000	-0.00817	-0.00001	-0.00001	0.00000
24	0.00000	0.00000	-0.00817	0.00001	-0.00001	0.00000
25	0.00001	0.00000	-0.00816	0.00000	-0.00001	0.00000
26	0.00000	0.00000	-0.00815	0.00000	-0.00001	0.00000
27	0.00000	0.00000	-0.00815	-0.00001	-0.00001	0.00000
28	0.00000	0.00000	-0.00815	0.00001	-0.00001	0.00000
29	0.00001	0.00000	-0.00800	0.00000	-0.00001	0.00000
30	0.00000	0.00000	-0.00799	0.00000	-0.00001	0.00000
31	0.00000	0.00001	-0.00799	-0.00001	-0.00001	0.00000
32	0.00000	0.00000	-0.00799	0.00001	-0.00001	0.00000
33	0.00000	0.00000	-0.00784	0.00000	-0.00001	0.00000
34	0.00000	0.00000	-0.00790	0.00000	-0.00001	0.00000
35	0.00000	0.00000	-0.00784	0.00000	-0.00001	0.00000
36	0.00000	0.00000	-0.00784	0.00000	-0.00001	0.00000
37	0.00000	0.00000	-0.00784	0.00000	-0.00001	0.00000
38	0.00000	0.00000	-0.00784	0.00000	-0.00001	0.00000
39	0.00000	0.00000	-0.00784	0.00000	-0.00001	0.00000
40	0.00006	0.00000	-0.00003	0.00000	0.00002	0.00000
41	0.00006	0.00000	-0.00003	0.00000	0.00002	0.00000
42	0.00000	0.00002	0.00000	-0.00014	0.00000	0.00000
43	0.00000	0.00002	0.00000	-0.00014	0.00000	0.00000
44	0.00006	0.00001	-0.00787	-0.00004	0.00001	0.00000
45	0.00006	0.00000	-0.00787	0.00004	0.00001	0.00000
46	0.00006	0.00001	-0.00787	-0.00004	0.00001	0.00000
47	0.00006	0.00000	-0.00787	0.00004	0.00001	0.00000
48	-0.00006	0.00001	-0.00781	-0.00004	-0.00002	0.00000
49	-0.00006	0.00000	-0.00781	0.00004	-0.00002	0.00000
50	-0.00006	0.00001	-0.00781	-0.00004	-0.00002	0.00000
51	-0.00006	0.00000	-0.00781	0.00004	-0.00002	0.00000
52	0.00006	0.00001	-0.00787	-0.00004	0.00001	0.00000
53	0.00006	0.00000	-0.00787	0.00004	0.00001	0.00000
54	0.00006	0.00001	-0.00787	-0.00004	0.00001	0.00000
55	0.00006	0.00000	-0.00787	0.00004	0.00001	0.00000
56	-0.00006	0.00001	-0.00781	-0.00004	-0.00002	0.00000
57	-0.00006	-0.00001	-0.00781	0.00004	-0.00002	0.00000
58	-0.00006	0.00001	-0.00781	-0.00004	-0.00002	0.00000
59	-0.00006	0.00000	-0.00781	0.00004	-0.00002	0.00000
60	0.00002	0.00002	-0.00785	-0.00014	0.00000	0.00000
61	-0.00001	0.00002	-0.00783	-0.00014	-0.00001	0.00000
62	0.00002	0.00002	-0.00785	-0.00014	0.00000	0.00000

63	-0.00001	0.00002	-0.00783	-0.00014	-0.00001	0.00000
64	0.00002	-0.00002	-0.00785	0.00014	0.00000	0.00000
65	-0.00002	-0.00002	-0.00783	0.00014	-0.00001	0.00000
66	0.00002	-0.00002	-0.00785	0.00014	0.00000	0.00000
67	-0.00002	-0.00002	-0.00783	0.00014	-0.00001	0.00000
68	0.00002	0.00002	-0.00785	-0.00014	0.00000	0.00000
69	-0.00001	0.00002	-0.00783	-0.00014	-0.00001	0.00000
70	0.00002	0.00002	-0.00785	-0.00014	0.00000	0.00000
71	-0.00001	0.00002	-0.00783	-0.00014	-0.00001	0.00000
72	0.00002	-0.00002	-0.00785	0.00014	0.00000	0.00000
73	-0.00001	-0.00002	-0.00783	0.00014	-0.00001	0.00000
74	0.00002	-0.00002	-0.00785	0.00014	0.00000	0.00000
75	-0.00002	-0.00002	-0.00783	0.00014	-0.00001	0.00000

67 GLOBAL

1	0.00000	0.00000	-0.00409	0.00000	0.00001	0.00000
2	0.00000	0.00000	-0.00374	0.00000	0.00000	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00032	0.00000	0.00000	0.00000
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
6	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00000	-0.00001	0.00000	0.00000
8	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000
9	0.00001	0.00000	-0.01069	0.00000	0.00001	0.00000
10	0.00000	0.00000	-0.01068	0.00000	0.00001	0.00000
11	0.00000	0.00001	-0.01068	-0.00001	0.00001	0.00000
12	0.00000	0.00000	-0.01068	0.00001	0.00001	0.00000
13	0.00001	0.00000	-0.01066	0.00000	0.00001	0.00000
14	0.00000	0.00000	-0.01066	0.00000	0.00001	0.00000
15	0.00000	0.00001	-0.01066	-0.00001	0.00001	0.00000
16	0.00000	0.00000	-0.01066	0.00001	0.00001	0.00000
17	0.00001	0.00000	-0.01043	0.00000	0.00001	0.00000
18	0.00000	0.00000	-0.01042	0.00000	0.00001	0.00000
19	0.00000	0.00001	-0.01042	-0.00002	0.00001	0.00000
20	0.00000	0.00000	-0.01042	0.00002	0.00001	0.00000
21	0.00001	0.00000	-0.00817	0.00000	0.00001	0.00000
22	0.00000	0.00000	-0.00817	0.00000	0.00001	0.00000
23	0.00000	0.00000	-0.00817	-0.00001	0.00001	0.00000
24	0.00000	0.00000	-0.00817	0.00001	0.00001	0.00000
25	0.00001	0.00000	-0.00815	0.00000	0.00001	0.00000
26	0.00000	0.00000	-0.00815	0.00000	0.00001	0.00000
27	0.00000	0.00000	-0.00815	-0.00001	0.00001	0.00000
28	0.00000	0.00000	-0.00815	0.00001	0.00001	0.00000
29	0.00001	0.00000	-0.00800	0.00000	0.00001	0.00000
30	0.00000	0.00000	-0.00799	0.00000	0.00000	0.00000
31	0.00000	0.00001	-0.00799	-0.00001	0.00001	0.00000
32	0.00000	0.00000	-0.00799	0.00001	0.00001	0.00000
33	0.00000	0.00000	-0.00784	0.00000	0.00000	0.00000
34	0.00000	0.00000	-0.00790	0.00000	0.00001	0.00000
35	0.00000	0.00000	-0.00784	0.00000	0.00001	0.00000
36	0.00000	0.00000	-0.00784	0.00000	0.00000	0.00000

37	0.00000	0.00000	-0.00784	0.00000	0.00000	0.00000
38	0.00000	0.00000	-0.00784	0.00000	0.00000	0.00000
39	0.00000	0.00000	-0.00784	0.00000	0.00000	0.00000
40	0.00006	0.00000	-0.00004	0.00000	0.00001	0.00000
41	0.00006	0.00000	-0.00004	0.00000	0.00001	0.00000
42	0.00000	0.00002	0.00000	-0.00015	0.00000	0.00000
43	0.00000	0.00002	0.00000	-0.00015	0.00000	0.00000
44	0.00007	0.00001	-0.00787	-0.00005	0.00001	0.00000
45	0.00007	0.00000	-0.00787	0.00005	0.00001	0.00000
46	0.00007	0.00001	-0.00787	-0.00004	0.00001	0.00000
47	0.00007	0.00000	-0.00787	0.00004	0.00001	0.00000
48	-0.00006	0.00001	-0.00780	-0.00005	0.00000	0.00000
49	-0.00006	0.00000	-0.00780	0.00005	0.00000	0.00000
50	-0.00006	0.00001	-0.00780	-0.00004	0.00000	0.00000
51	-0.00006	0.00000	-0.00780	0.00004	0.00000	0.00000
52	0.00007	0.00001	-0.00787	-0.00005	0.00001	0.00000
53	0.00007	0.00000	-0.00787	0.00005	0.00001	0.00000
54	0.00007	0.00001	-0.00787	-0.00004	0.00001	0.00000
55	0.00007	0.00000	-0.00787	0.00004	0.00001	0.00000
56	-0.00006	0.00001	-0.00780	-0.00005	0.00000	0.00000
57	-0.00006	0.00000	-0.00780	0.00005	0.00000	0.00000
58	-0.00006	0.00001	-0.00780	-0.00004	0.00000	0.00000
59	-0.00006	0.00000	-0.00780	0.00004	0.00000	0.00000
60	0.00002	0.00002	-0.00785	-0.00015	0.00001	0.00000
61	-0.00001	0.00002	-0.00783	-0.00015	0.00000	0.00000
62	0.00002	0.00002	-0.00785	-0.00015	0.00001	0.00000
63	-0.00002	0.00002	-0.00783	-0.00015	0.00000	0.00000
64	0.00002	-0.00002	-0.00785	0.00015	0.00001	0.00000
65	-0.00002	-0.00002	-0.00783	0.00015	0.00000	0.00000
66	0.00002	-0.00002	-0.00785	0.00015	0.00001	0.00000
67	-0.00002	-0.00002	-0.00783	0.00015	0.00000	0.00000
68	0.00002	0.00002	-0.00785	-0.00015	0.00001	0.00000
69	-0.00002	0.00002	-0.00783	-0.00015	0.00000	0.00000
70	0.00002	0.00002	-0.00785	-0.00015	0.00001	0.00000
71	-0.00002	0.00002	-0.00783	-0.00015	0.00000	0.00000
72	0.00002	-0.00002	-0.00785	0.00015	0.00001	0.00000
73	-0.00002	-0.00002	-0.00783	0.00015	0.00000	0.00000
74	0.00002	-0.00002	-0.00785	0.00015	0.00001	0.00000
75	-0.00002	-0.00002	-0.00783	0.00015	0.00000	0.00000

68

GLOBAL

1	0.00000	0.00000	-0.00411	0.00000	0.00002	0.00000
2	0.00000	0.00000	-0.00374	0.00000	0.00000	0.00000
3	0.00000	0.00000	-0.00018	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00032	0.00000	0.00000	0.00000
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
6	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00000	-0.00001	0.00000	0.00000
8	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000
9	0.00001	0.00000	-0.01071	0.00000	0.00004	0.00000
10	0.00000	0.00000	-0.01070	0.00000	0.00004	0.00000

11	0.00000	0.00001	-0.01071	-0.00001	0.00004	0.00000
12	0.00000	0.00000	-0.01071	0.00001	0.00004	0.00000
13	0.00001	0.00000	-0.01069	0.00000	0.00004	0.00000
14	0.00000	0.00000	-0.01068	0.00000	0.00004	0.00000
15	0.00000	0.00001	-0.01068	-0.00001	0.00004	0.00000
16	0.00000	0.00000	-0.01068	0.00001	0.00004	0.00000
17	0.00001	0.00000	-0.01045	0.00000	0.00004	0.00000
18	0.00000	0.00000	-0.01044	0.00000	0.00003	0.00000
19	0.00000	0.00001	-0.01044	-0.00002	0.00003	0.00000
20	0.00000	0.00000	-0.01044	0.00002	0.00003	0.00000
21	0.00001	0.00000	-0.00819	0.00000	0.00003	0.00000
22	0.00000	0.00000	-0.00818	0.00000	0.00003	0.00000
23	0.00000	0.00000	-0.00819	-0.00001	0.00003	0.00000
24	0.00000	0.00000	-0.00819	0.00001	0.00003	0.00000
25	0.00001	0.00000	-0.00817	0.00000	0.00003	0.00000
26	0.00000	0.00000	-0.00817	0.00000	0.00003	0.00000
27	0.00000	0.00000	-0.00817	-0.00001	0.00003	0.00000
28	0.00000	0.00000	-0.00817	0.00001	0.00003	0.00000
29	0.00001	0.00000	-0.00802	0.00000	0.00003	0.00000
30	0.00000	0.00000	-0.00800	0.00000	0.00002	0.00000
31	0.00000	0.00000	-0.00801	-0.00001	0.00003	0.00000
32	0.00000	0.00000	-0.00801	0.00001	0.00003	0.00000
33	0.00000	0.00000	-0.00785	0.00000	0.00002	0.00000
34	0.00000	0.00000	-0.00792	0.00000	0.00003	0.00000
35	0.00000	0.00000	-0.00785	0.00000	0.00002	0.00000
36	0.00000	0.00000	-0.00785	0.00000	0.00002	0.00000
37	0.00000	0.00000	-0.00785	0.00000	0.00002	0.00000
38	0.00000	0.00000	-0.00785	0.00000	0.00002	0.00000
39	0.00000	0.00000	-0.00785	0.00000	0.00002	0.00000
40	0.00006	0.00000	-0.00004	0.00000	0.00001	0.00000
41	0.00006	0.00000	-0.00004	0.00000	0.00001	0.00000
42	0.00000	0.00002	0.00000	-0.00016	0.00000	0.00000
43	0.00000	0.00002	0.00000	-0.00015	0.00000	0.00000
44	0.00007	0.00001	-0.00790	-0.00005	0.00003	0.00000
45	0.00007	0.00000	-0.00790	0.00005	0.00003	0.00000
46	0.00007	0.00001	-0.00790	-0.00005	0.00003	0.00000
47	0.00007	0.00000	-0.00790	0.00004	0.00003	0.00000
48	-0.00006	0.00001	-0.00781	-0.00005	0.00002	0.00000
49	-0.00006	-0.00001	-0.00781	0.00005	0.00002	0.00000
50	-0.00006	0.00001	-0.00781	-0.00004	0.00002	0.00000
51	-0.00006	0.00000	-0.00781	0.00005	0.00002	0.00000
52	0.00007	0.00001	-0.00790	-0.00005	0.00003	0.00000
53	0.00007	0.00000	-0.00790	0.00005	0.00003	0.00000
54	0.00007	0.00001	-0.00790	-0.00004	0.00003	0.00000
55	0.00007	0.00000	-0.00790	0.00005	0.00003	0.00000
56	-0.00006	0.00001	-0.00781	-0.00005	0.00002	0.00000
57	-0.00006	0.00000	-0.00781	0.00005	0.00002	0.00000
58	-0.00006	0.00001	-0.00781	-0.00005	0.00002	0.00000
59	-0.00006	0.00000	-0.00781	0.00004	0.00002	0.00000
60	0.00002	0.00002	-0.00787	-0.00016	0.00003	0.00000

61	-0.00002	0.00002	-0.00784	-0.00016	0.00002	0.00000
62	0.00002	0.00002	-0.00787	-0.00016	0.00003	0.00000
63	-0.00002	0.00002	-0.00784	-0.00016	0.00002	0.00000
64	0.00002	-0.00002	-0.00787	0.00016	0.00003	0.00000
65	-0.00002	-0.00002	-0.00784	0.00016	0.00002	0.00000
66	0.00002	-0.00002	-0.00787	0.00016	0.00003	0.00000
67	-0.00002	-0.00002	-0.00784	0.00016	0.00002	0.00000
68	0.00002	0.00002	-0.00787	-0.00015	0.00003	0.00000
69	-0.00002	0.00002	-0.00784	-0.00015	0.00002	0.00000
70	0.00002	0.00002	-0.00787	-0.00015	0.00003	0.00000
71	-0.00002	0.00002	-0.00784	-0.00015	0.00002	0.00000
72	0.00002	-0.00002	-0.00787	0.00015	0.00003	0.00000
73	-0.00002	-0.00002	-0.00784	0.00015	0.00002	0.00000
74	0.00002	-0.00002	-0.00787	0.00015	0.00003	0.00000
75	-0.00002	-0.00002	-0.00784	0.00015	0.00002	0.00000

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GLOBAL

1	0.00000	0.00000	-0.00414	0.00000	0.00003	0.00000
2	0.00000	0.00000	-0.00375	0.00000	0.00000	0.00000
3	0.00000	0.00000	-0.00018	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00032	0.00000	0.00000	0.00000
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
6	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00000	-0.00001	0.00000	0.00000
8	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000
9	0.00001	0.00000	-0.01077	0.00000	0.00005	0.00000
10	0.00000	0.00000	-0.01075	0.00000	0.00005	0.00000
11	0.00000	0.00001	-0.01076	-0.00001	0.00005	0.00000
12	0.00000	0.00000	-0.01076	0.00001	0.00005	0.00000
13	0.00001	0.00000	-0.01074	0.00000	0.00005	0.00000
14	0.00000	0.00000	-0.01073	0.00000	0.00005	0.00000
15	0.00000	0.00001	-0.01074	-0.00001	0.00005	0.00000
16	0.00000	0.00000	-0.01074	0.00001	0.00005	0.00000
17	0.00001	0.00000	-0.01050	0.00000	0.00005	0.00000
18	0.00000	0.00000	-0.01048	0.00000	0.00004	0.00000
19	0.00000	0.00001	-0.01049	-0.00002	0.00005	0.00000
20	0.00000	0.00000	-0.01049	0.00002	0.00005	0.00000
21	0.00001	0.00000	-0.00823	0.00000	0.00004	0.00000
22	0.00000	0.00000	-0.00822	0.00000	0.00004	0.00000
23	0.00000	0.00000	-0.00822	-0.00001	0.00004	0.00000
24	0.00000	0.00000	-0.00822	0.00001	0.00004	0.00000
25	0.00001	0.00000	-0.00821	0.00000	0.00004	0.00000
26	0.00000	0.00000	-0.00820	0.00000	0.00004	0.00000
27	0.00000	0.00000	-0.00821	-0.00001	0.00004	0.00000
28	0.00000	0.00000	-0.00821	0.00001	0.00004	0.00000
29	0.00001	0.00000	-0.00805	0.00000	0.00004	0.00000
30	0.00000	0.00000	-0.00804	0.00000	0.00003	0.00000
31	0.00000	0.00000	-0.00805	-0.00001	0.00004	0.00000
32	0.00000	0.00000	-0.00805	0.00001	0.00004	0.00000
33	0.00000	0.00000	-0.00789	0.00000	0.00003	0.00000
34	0.00000	0.00000	-0.00795	0.00000	0.00003	0.00000

35	0.00000	0.00000	-0.00789	0.00000	0.00003	0.00000
36	0.00000	0.00000	-0.00788	0.00000	0.00003	0.00000
37	0.00000	0.00000	-0.00789	0.00000	0.00003	0.00000
38	0.00000	0.00000	-0.00789	0.00000	0.00003	0.00000
39	0.00000	0.00000	-0.00789	0.00000	0.00003	0.00000
40	0.00007	0.00000	-0.00005	0.00000	0.00002	0.00000
41	0.00007	0.00000	-0.00005	0.00000	0.00002	0.00000
42	0.00000	0.00002	0.00000	-0.00017	0.00000	0.00000
43	0.00000	0.00002	0.00000	-0.00015	0.00000	0.00000
44	0.00007	0.00001	-0.00794	-0.00005	0.00005	0.00000
45	0.00007	0.00000	-0.00794	0.00005	0.00005	0.00000
46	0.00007	0.00001	-0.00794	-0.00005	0.00005	0.00000
47	0.00007	0.00000	-0.00794	0.00004	0.00005	0.00000
48	-0.00006	0.00001	-0.00783	-0.00005	0.00002	0.00000
49	-0.00006	-0.00001	-0.00783	0.00005	0.00002	0.00000
50	-0.00006	0.00001	-0.00783	-0.00004	0.00002	0.00000
51	-0.00006	-0.00001	-0.00783	0.00005	0.00002	0.00000
52	0.00007	0.00001	-0.00794	-0.00005	0.00005	0.00000
53	0.00007	-0.00001	-0.00794	0.00005	0.00005	0.00000
54	0.00007	0.00001	-0.00794	-0.00004	0.00005	0.00000
55	0.00007	0.00000	-0.00794	0.00005	0.00005	0.00000
56	-0.00006	0.00001	-0.00783	-0.00005	0.00002	0.00000
57	-0.00006	0.00000	-0.00783	0.00005	0.00002	0.00000
58	-0.00006	0.00001	-0.00783	-0.00005	0.00002	0.00000
59	-0.00006	0.00000	-0.00783	0.00004	0.00002	0.00000
60	0.00002	0.00002	-0.00790	-0.00017	0.00004	0.00000
61	-0.00002	0.00002	-0.00787	-0.00017	0.00003	0.00000
62	0.00002	0.00002	-0.00790	-0.00017	0.00004	0.00000
63	-0.00002	0.00002	-0.00787	-0.00017	0.00003	0.00000
64	0.00002	-0.00002	-0.00790	0.00017	0.00004	0.00000
65	-0.00002	-0.00002	-0.00787	0.00017	0.00003	0.00000
66	0.00002	-0.00002	-0.00790	0.00017	0.00004	0.00000
67	-0.00002	-0.00002	-0.00787	0.00017	0.00003	0.00000
68	0.00002	0.00002	-0.00790	-0.00016	0.00004	0.00000
69	-0.00002	0.00002	-0.00787	-0.00015	0.00003	0.00000
70	0.00002	0.00002	-0.00790	-0.00015	0.00004	0.00000
71	-0.00002	0.00002	-0.00787	-0.00016	0.00003	0.00000
72	0.00002	-0.00002	-0.00790	0.00015	0.00004	0.00000
73	-0.00002	-0.00002	-0.00787	0.00016	0.00003	0.00000
74	0.00002	-0.00002	-0.00790	0.00016	0.00004	0.00000
75	-0.00002	-0.00002	-0.00787	0.00015	0.00003	0.00000
70	GLOBAL					
1	0.00000	0.00000	-0.00417	0.00000	0.00002	0.00000
2	0.00000	0.00000	-0.00374	0.00000	-0.00001	0.00000
3	0.00000	0.00000	-0.00018	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00033	0.00000	0.00000	0.00000
5	0.00000	0.00000	-0.00001	0.00000	0.00000	0.00000
6	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00000	-0.00002	0.00000	0.00000
8	0.00000	0.00000	0.00000	0.00002	0.00000	0.00000

9	0.00001	0.00000	-0.01081	0.00000	0.00002	0.00000
10	0.00000	0.00000	-0.01079	0.00000	0.00002	0.00000
11	0.00001	0.00001	-0.01080	-0.00001	0.00002	0.00000
12	0.00001	0.00000	-0.01080	0.00001	0.00002	0.00000
13	0.00001	0.00000	-0.01079	0.00000	0.00002	0.00000
14	0.00000	0.00000	-0.01077	0.00000	0.00002	0.00000
15	0.00000	0.00001	-0.01078	-0.00001	0.00002	0.00000
16	0.00000	0.00000	-0.01078	0.00001	0.00002	0.00000
17	0.00001	0.00000	-0.01054	0.00000	0.00002	0.00000
18	0.00000	0.00000	-0.01052	0.00000	0.00002	0.00000
19	0.00000	0.00001	-0.01053	-0.00002	0.00002	0.00000
20	0.00000	0.00000	-0.01053	0.00002	0.00002	0.00000
21	0.00001	0.00000	-0.00826	0.00000	0.00002	0.00000
22	0.00000	0.00000	-0.00825	0.00000	0.00001	0.00000
23	0.00000	0.00000	-0.00826	-0.00001	0.00001	0.00000
24	0.00000	0.00000	-0.00826	0.00001	0.00001	0.00000
25	0.00001	0.00000	-0.00825	0.00000	0.00002	0.00000
26	0.00000	0.00000	-0.00824	0.00000	0.00002	0.00000
27	0.00000	0.00000	-0.00824	-0.00001	0.00002	0.00000
28	0.00000	0.00000	-0.00824	0.00001	0.00002	0.00000
29	0.00001	0.00000	-0.00809	0.00000	0.00002	0.00000
30	0.00000	0.00000	-0.00807	0.00000	0.00001	0.00000
31	0.00000	0.00000	-0.00808	-0.00002	0.00001	0.00000
32	0.00000	0.00000	-0.00808	0.00002	0.00001	0.00000
33	0.00000	0.00000	-0.00792	0.00000	0.00001	0.00000
34	0.00000	0.00000	-0.00798	0.00000	0.00001	0.00000
35	0.00000	0.00000	-0.00792	0.00000	0.00001	0.00000
36	0.00000	0.00000	-0.00791	0.00000	0.00001	0.00000
37	0.00000	0.00000	-0.00791	0.00000	0.00001	0.00000
38	0.00000	0.00000	-0.00791	0.00000	0.00001	0.00000
39	0.00000	0.00000	-0.00792	0.00000	0.00001	0.00000
40	0.00007	0.00000	-0.00008	0.00000	0.00004	0.00000
41	0.00007	0.00000	-0.00008	0.00000	0.00004	0.00000
42	0.00000	0.00002	0.00000	-0.00018	0.00000	0.00000
43	0.00000	0.00002	0.00000	-0.00016	0.00000	0.00000
44	0.00007	0.00001	-0.00800	-0.00006	0.00005	0.00000
45	0.00007	0.00000	-0.00800	0.00005	0.00005	0.00000
46	0.00007	0.00001	-0.00800	-0.00005	0.00005	0.00000
47	0.00007	0.00000	-0.00800	0.00005	0.00005	0.00000
48	-0.00007	0.00001	-0.00783	-0.00005	-0.00002	0.00000
49	-0.00007	-0.00001	-0.00783	0.00006	-0.00002	0.00000
50	-0.00007	0.00001	-0.00783	-0.00005	-0.00002	0.00000
51	-0.00007	-0.00001	-0.00783	0.00005	-0.00002	0.00000
52	0.00007	0.00001	-0.00800	-0.00005	0.00005	0.00000
53	0.00007	-0.00001	-0.00800	0.00006	0.00005	0.00000
54	0.00007	0.00001	-0.00800	-0.00005	0.00005	0.00000
55	0.00007	0.00000	-0.00800	0.00005	0.00005	0.00000
56	-0.00007	0.00001	-0.00783	-0.00006	-0.00002	0.00000
57	-0.00007	0.00000	-0.00783	0.00005	-0.00002	0.00000
58	-0.00007	0.00001	-0.00783	-0.00005	-0.00002	0.00000

59	-0.00007	0.00000	-0.00783	0.00005	-0.00002	0.00000
60	0.00003	0.00003	-0.00794	-0.00018	0.00002	0.00000
61	-0.00002	0.00002	-0.00789	-0.00018	0.00000	0.00000
62	0.00003	0.00002	-0.00794	-0.00018	0.00002	0.00000
63	-0.00002	0.00002	-0.00789	-0.00018	0.00000	0.00000
64	0.00002	-0.00002	-0.00794	0.00018	0.00002	0.00000
65	-0.00002	-0.00002	-0.00789	0.00018	0.00000	0.00000
66	0.00002	-0.00002	-0.00794	0.00018	0.00002	0.00000
67	-0.00002	-0.00002	-0.00789	0.00018	0.00000	0.00000
68	0.00002	0.00002	-0.00794	-0.00016	0.00002	0.00000
69	-0.00002	0.00002	-0.00789	-0.00016	0.00000	0.00000
70	0.00002	0.00002	-0.00794	-0.00016	0.00002	0.00000
71	-0.00002	0.00002	-0.00789	-0.00016	0.00000	0.00000
72	0.00002	-0.00002	-0.00794	0.00016	0.00002	0.00000
73	-0.00002	-0.00002	-0.00789	0.00016	0.00000	0.00000
74	0.00002	-0.00002	-0.00794	0.00016	0.00002	0.00000
75	-0.00002	-0.00002	-0.00789	0.00016	0.00000	0.00000

71 GLOBAL

1	0.00000	0.00000	-0.00413	0.00000	-0.00006	0.00000
2	0.00000	0.00000	-0.00370	0.00000	-0.00004	0.00000
3	0.00000	0.00000	-0.00017	0.00000	-0.00001	0.00000
4	0.00000	0.00000	-0.00032	0.00000	-0.00001	0.00000
5	0.00000	0.00000	-0.00001	0.00000	0.00000	0.00000
6	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00000	-0.00002	0.00000	0.00000
8	0.00000	0.00000	0.00000	0.00002	0.00000	0.00000
9	0.00001	0.00000	-0.01069	0.00000	-0.00014	0.00000
10	0.00000	0.00000	-0.01067	0.00000	-0.00014	0.00000
11	0.00001	0.00001	-0.01067	-0.00002	-0.00014	0.00000
12	0.00001	0.00000	-0.01067	0.00002	-0.00014	0.00000
13	0.00001	0.00000	-0.01067	0.00000	-0.00014	0.00000
14	0.00000	0.00000	-0.01065	0.00000	-0.00014	0.00000
15	0.00001	0.00001	-0.01066	-0.00002	-0.00014	0.00000
16	0.00001	0.00000	-0.01066	0.00002	-0.00014	0.00000
17	0.00001	0.00000	-0.01043	0.00000	-0.00013	0.00000
18	0.00000	0.00000	-0.01040	0.00000	-0.00013	0.00000
19	0.00001	0.00001	-0.01042	-0.00003	-0.00013	0.00000
20	0.00001	0.00000	-0.01042	0.00003	-0.00013	0.00000
21	0.00001	0.00000	-0.00817	0.00000	-0.00011	0.00000
22	0.00000	0.00000	-0.00815	0.00000	-0.00011	0.00000
23	0.00000	0.00000	-0.00816	-0.00001	-0.00011	0.00000
24	0.00000	0.00000	-0.00816	0.00001	-0.00011	0.00000
25	0.00001	0.00000	-0.00816	0.00000	-0.00010	0.00000
26	0.00000	0.00000	-0.00814	0.00000	-0.00010	0.00000
27	0.00000	0.00000	-0.00815	-0.00001	-0.00010	0.00000
28	0.00000	0.00000	-0.00815	0.00001	-0.00010	0.00000
29	0.00001	0.00000	-0.00800	0.00000	-0.00010	0.00000
30	0.00000	0.00000	-0.00798	0.00000	-0.00010	0.00000
31	0.00000	0.00000	-0.00799	-0.00002	-0.00010	0.00000
32	0.00000	0.00000	-0.00799	0.00002	-0.00010	0.00000

33	0.00000	0.00000	-0.00783	0.00000	-0.00010	0.00000
34	0.00000	0.00000	-0.00789	0.00000	-0.00010	0.00000
35	0.00000	0.00000	-0.00783	0.00000	-0.00010	0.00000
36	0.00000	0.00000	-0.00783	0.00000	-0.00010	0.00000
37	0.00000	0.00000	-0.00783	0.00000	-0.00010	0.00000
38	0.00000	0.00000	-0.00783	0.00000	-0.00010	0.00000
39	0.00000	0.00000	-0.00783	0.00000	-0.00010	0.00000
40	0.00007	0.00000	-0.00019	0.00000	0.00005	0.00000
41	0.00007	0.00000	-0.00019	0.00000	0.00005	0.00000
42	0.00000	0.00003	0.00000	-0.00021	0.00000	0.00000
43	0.00000	0.00002	0.00000	-0.00018	0.00000	0.00000
44	0.00008	0.00001	-0.00802	-0.00007	-0.00004	0.00000
45	0.00008	-0.00001	-0.00802	0.00006	-0.00004	0.00000
46	0.00008	0.00001	-0.00802	-0.00006	-0.00004	0.00000
47	0.00008	-0.00001	-0.00802	0.00005	-0.00004	0.00000
48	-0.00007	0.00001	-0.00764	-0.00006	-0.00015	0.00000
49	-0.00007	-0.00001	-0.00764	0.00007	-0.00015	0.00000
50	-0.00007	0.00001	-0.00764	-0.00005	-0.00015	0.00000
51	-0.00007	-0.00001	-0.00764	0.00006	-0.00015	0.00000
52	0.00008	0.00001	-0.00802	-0.00006	-0.00004	0.00000
53	0.00008	-0.00001	-0.00802	0.00007	-0.00004	0.00000
54	0.00008	0.00001	-0.00802	-0.00005	-0.00004	0.00000
55	0.00008	-0.00001	-0.00802	0.00006	-0.00004	0.00000
56	-0.00007	0.00001	-0.00764	-0.00007	-0.00015	0.00000
57	-0.00007	-0.00001	-0.00764	0.00006	-0.00015	0.00000
58	-0.00007	0.00001	-0.00764	-0.00006	-0.00015	0.00000
59	-0.00007	0.00000	-0.00764	0.00005	-0.00015	0.00000
60	0.00003	0.00003	-0.00789	-0.00021	-0.00008	0.00000
61	-0.00002	0.00003	-0.00777	-0.00021	-0.00011	0.00000
62	0.00003	0.00003	-0.00789	-0.00021	-0.00008	0.00000
63	-0.00002	0.00003	-0.00777	-0.00021	-0.00011	0.00000
64	0.00003	-0.00003	-0.00789	0.00021	-0.00008	0.00000
65	-0.00002	-0.00003	-0.00777	0.00021	-0.00011	0.00000
66	0.00003	-0.00003	-0.00789	0.00021	-0.00008	0.00000
67	-0.00002	-0.00003	-0.00777	0.00021	-0.00011	0.00000
68	0.00003	0.00003	-0.00789	-0.00018	-0.00008	0.00000
69	-0.00002	0.00003	-0.00777	-0.00018	-0.00011	0.00000
70	0.00003	0.00002	-0.00789	-0.00018	-0.00008	0.00000
71	-0.00002	0.00003	-0.00777	-0.00018	-0.00011	0.00000
72	0.00003	-0.00002	-0.00789	0.00018	-0.00008	0.00000
73	-0.00002	-0.00002	-0.00777	0.00018	-0.00011	0.00000
74	0.00003	-0.00002	-0.00789	0.00018	-0.00008	0.00000
75	-0.00002	-0.00002	-0.00777	0.00018	-0.00011	0.00000

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GLOBAL

1	0.00000	0.00000	-0.00407	0.00000	-0.00006	0.00000
2	0.00000	0.00000	-0.00365	0.00000	-0.00005	0.00000
3	0.00000	0.00000	-0.00016	0.00000	-0.00001	0.00000
4	0.00000	0.00000	-0.00031	0.00000	-0.00001	0.00000
5	0.00000	0.00000	-0.00001	0.00000	0.00000	0.00000
6	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000

7	0.00000	0.00000	0.00000	-0.00002	0.00000	0.00000
8	0.00000	0.00000	0.00000	0.00002	0.00000	0.00000
9	0.00001	0.00000	-0.01052	0.00000	-0.00016	0.00000
10	0.00000	0.00000	-0.01050	0.00000	-0.00016	0.00000
11	0.00001	0.00001	-0.01050	-0.00002	-0.00016	0.00000
12	0.00001	0.00000	-0.01050	0.00002	-0.00016	0.00000
13	0.00001	0.00000	-0.01051	0.00000	-0.00015	0.00000
14	0.00000	0.00000	-0.01048	0.00000	-0.00015	0.00000
15	0.00001	0.00001	-0.01049	-0.00002	-0.00015	0.00000
16	0.00001	0.00000	-0.01049	0.00002	-0.00015	0.00000
17	0.00001	0.00000	-0.01028	0.00000	-0.00014	0.00000
18	0.00000	0.00000	-0.01024	0.00000	-0.00014	0.00000
19	0.00001	0.00001	-0.01026	-0.00003	-0.00015	0.00000
20	0.00001	0.00000	-0.01026	0.00003	-0.00015	0.00000
21	0.00001	0.00000	-0.00804	0.00000	-0.00012	0.00000
22	0.00000	0.00000	-0.00803	0.00000	-0.00012	0.00000
23	0.00000	0.00000	-0.00803	-0.00001	-0.00012	0.00000
24	0.00000	0.00000	-0.00803	0.00001	-0.00012	0.00000
25	0.00001	0.00000	-0.00803	0.00000	-0.00012	0.00000
26	0.00000	0.00000	-0.00802	0.00000	-0.00012	0.00000
27	0.00000	0.00000	-0.00802	-0.00001	-0.00012	0.00000
28	0.00000	0.00000	-0.00802	0.00001	-0.00012	0.00000
29	0.00001	0.00000	-0.00788	0.00000	-0.00011	0.00000
30	0.00000	0.00000	-0.00786	0.00000	-0.00011	0.00000
31	0.00000	0.00000	-0.00787	-0.00002	-0.00011	0.00000
32	0.00000	0.00000	-0.00787	0.00002	-0.00011	0.00000
33	0.00000	0.00000	-0.00772	0.00000	-0.00011	0.00000
34	0.00000	0.00000	-0.00778	0.00000	-0.00011	0.00000
35	0.00000	0.00000	-0.00772	0.00000	-0.00011	0.00000
36	0.00000	0.00000	-0.00771	0.00000	-0.00011	0.00000
37	0.00000	0.00000	-0.00772	0.00000	-0.00011	0.00000
38	0.00000	0.00000	-0.00772	0.00000	-0.00011	0.00000
39	0.00000	0.00000	-0.00772	0.00000	-0.00011	0.00000
40	0.00007	0.00000	-0.00025	0.00000	0.00005	0.00000
41	0.00007	0.00000	-0.00025	0.00000	0.00005	0.00000
42	0.00000	0.00003	0.00000	-0.00024	0.00000	0.00000
43	0.00000	0.00003	0.00000	-0.00020	0.00000	0.00000
44	0.00008	0.00001	-0.00796	-0.00007	-0.00005	0.00000
45	0.00008	-0.00001	-0.00796	0.00007	-0.00005	0.00000
46	0.00008	0.00001	-0.00796	-0.00006	-0.00005	0.00000
47	0.00008	-0.00001	-0.00796	0.00006	-0.00005	0.00000
48	-0.00007	0.00001	-0.00747	-0.00007	-0.00016	0.00000
49	-0.00007	-0.00001	-0.00747	0.00007	-0.00016	0.00000
50	-0.00007	0.00001	-0.00747	-0.00006	-0.00016	0.00000
51	-0.00007	-0.00001	-0.00747	0.00006	-0.00016	0.00000
52	0.00008	0.00001	-0.00796	-0.00007	-0.00005	0.00000
53	0.00008	-0.00001	-0.00796	0.00007	-0.00005	0.00000
54	0.00008	0.00001	-0.00796	-0.00006	-0.00005	0.00000
55	0.00008	-0.00001	-0.00796	0.00006	-0.00005	0.00000
56	-0.00007	0.00001	-0.00747	-0.00007	-0.00016	0.00000

57	-0.00007	-0.00001	-0.00747	0.00007	-0.00016	0.00000
58	-0.00007	0.00001	-0.00747	-0.00006	-0.00016	0.00000
59	-0.00007	0.00000	-0.00747	0.00006	-0.00016	0.00000
60	0.00003	0.00003	-0.00779	-0.00024	-0.00009	0.00000
61	-0.00002	0.00003	-0.00764	-0.00024	-0.00012	0.00000
62	0.00003	0.00003	-0.00779	-0.00024	-0.00009	0.00000
63	-0.00002	0.00003	-0.00764	-0.00024	-0.00012	0.00000
64	0.00003	-0.00003	-0.00779	0.00024	-0.00009	0.00000
65	-0.00002	-0.00003	-0.00764	0.00024	-0.00012	0.00000
66	0.00003	-0.00003	-0.00779	0.00024	-0.00009	0.00000
67	-0.00002	-0.00003	-0.00764	0.00024	-0.00012	0.00000
68	0.00003	0.00003	-0.00779	-0.00020	-0.00009	0.00000
69	-0.00002	0.00003	-0.00764	-0.00020	-0.00012	0.00000
70	0.00003	0.00003	-0.00779	-0.00020	-0.00009	0.00000
71	-0.00002	0.00003	-0.00764	-0.00020	-0.00012	0.00000
72	0.00003	-0.00002	-0.00779	0.00020	-0.00009	0.00000
73	-0.00002	-0.00002	-0.00764	0.00020	-0.00012	0.00000
74	0.00003	-0.00003	-0.00779	0.00020	-0.00009	0.00000
75	-0.00002	-0.00002	-0.00764	0.00020	-0.00012	0.00000
73	GLOBAL					
1	0.00000	0.00000	-0.00401	0.00000	-0.00004	0.00000
2	0.00000	0.00000	-0.00360	0.00000	-0.00005	0.00000
3	0.00000	0.00000	-0.00015	0.00000	-0.00001	0.00000
4	0.00000	0.00000	-0.00030	0.00000	-0.00001	0.00000
5	0.00000	0.00000	-0.00001	0.00000	0.00000	0.00000
6	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00000	-0.00003	0.00000	0.00000
8	0.00000	0.00000	0.00000	0.00003	0.00000	0.00000
9	0.00001	0.00000	-0.01036	0.00000	-0.00013	0.00000
10	0.00000	0.00000	-0.01034	0.00000	-0.00013	0.00000
11	0.00001	0.00001	-0.01034	-0.00002	-0.00013	0.00000
12	0.00001	0.00000	-0.01034	0.00002	-0.00013	0.00000
13	0.00001	0.00000	-0.01035	0.00000	-0.00012	0.00000
14	0.00000	0.00000	-0.01033	0.00000	-0.00012	0.00000
15	0.00001	0.00001	-0.01034	-0.00002	-0.00012	0.00000
16	0.00001	0.00000	-0.01034	0.00002	-0.00012	0.00000
17	0.00001	0.00000	-0.01013	0.00000	-0.00012	0.00000
18	0.00000	0.00000	-0.01010	0.00000	-0.00012	0.00000
19	0.00001	0.00001	-0.01011	-0.00004	-0.00012	0.00000
20	0.00001	0.00000	-0.01011	0.00004	-0.00012	0.00000
21	0.00001	0.00000	-0.00792	0.00000	-0.00010	0.00000
22	0.00000	0.00000	-0.00790	0.00000	-0.00010	0.00000
23	0.00001	0.00000	-0.00791	-0.00002	-0.00010	0.00000
24	0.00001	0.00000	-0.00791	0.00002	-0.00010	0.00000
25	0.00001	0.00000	-0.00791	0.00000	-0.00009	0.00000
26	0.00000	0.00000	-0.00790	0.00000	-0.00009	0.00000
27	0.00001	0.00000	-0.00791	-0.00002	-0.00009	0.00000
28	0.00001	0.00000	-0.00791	0.00002	-0.00009	0.00000
29	0.00001	0.00000	-0.00777	0.00000	-0.00009	0.00000
30	0.00000	0.00000	-0.00775	0.00000	-0.00009	0.00000

31	0.00000	0.00001	-0.00776	-0.00003	-0.00009	0.00000
32	0.00000	0.00000	-0.00776	0.00003	-0.00009	0.00000
33	0.00000	0.00000	-0.00761	0.00000	-0.00009	0.00000
34	0.00000	0.00000	-0.00767	0.00000	-0.00009	0.00000
35	0.00001	0.00000	-0.00761	0.00000	-0.00009	0.00000
36	0.00000	0.00000	-0.00761	0.00000	-0.00009	0.00000
37	0.00000	0.00000	-0.00761	-0.00001	-0.00009	0.00000
38	0.00000	0.00000	-0.00761	0.00001	-0.00009	0.00000
39	0.00000	0.00000	-0.00761	0.00000	-0.00009	0.00000
40	0.00008	0.00000	-0.00031	0.00000	0.00006	0.00000
41	0.00008	0.00000	-0.00031	0.00000	0.00006	0.00000
42	0.00000	0.00004	0.00000	-0.00027	0.00000	0.00000
43	0.00000	0.00003	0.00000	-0.00023	0.00000	0.00000
44	0.00008	0.00001	-0.00792	-0.00008	-0.00002	0.00000
45	0.00008	-0.00001	-0.00792	0.00008	-0.00002	0.00000
46	0.00008	0.00001	-0.00792	-0.00007	-0.00002	0.00000
47	0.00008	-0.00001	-0.00792	0.00007	-0.00002	0.00000
48	-0.00007	0.00001	-0.00730	-0.00008	-0.00015	0.00000
49	-0.00007	-0.00001	-0.00730	0.00008	-0.00015	0.00000
50	-0.00007	0.00001	-0.00730	-0.00007	-0.00015	0.00000
51	-0.00007	-0.00001	-0.00730	0.00007	-0.00015	0.00000
52	0.00008	0.00001	-0.00792	-0.00008	-0.00002	0.00000
53	0.00008	-0.00001	-0.00792	0.00008	-0.00002	0.00000
54	0.00008	0.00001	-0.00792	-0.00007	-0.00002	0.00000
55	0.00008	-0.00001	-0.00792	0.00007	-0.00002	0.00000
56	-0.00007	0.00002	-0.00730	-0.00008	-0.00015	0.00000
57	-0.00007	-0.00001	-0.00730	0.00008	-0.00015	0.00000
58	-0.00007	0.00001	-0.00730	-0.00007	-0.00015	0.00000
59	-0.00007	-0.00001	-0.00730	0.00007	-0.00015	0.00000
60	0.00003	0.00004	-0.00770	-0.00027	-0.00007	0.00000
61	-0.00002	0.00004	-0.00752	-0.00027	-0.00010	0.00000
62	0.00003	0.00004	-0.00770	-0.00027	-0.00007	0.00000
63	-0.00002	0.00004	-0.00752	-0.00027	-0.00010	0.00000
64	0.00003	-0.00004	-0.00770	0.00027	-0.00007	0.00000
65	-0.00002	-0.00003	-0.00751	0.00027	-0.00011	0.00000
66	0.00003	-0.00004	-0.00770	0.00027	-0.00007	0.00000
67	-0.00002	-0.00003	-0.00751	0.00027	-0.00011	0.00000
68	0.00003	0.00003	-0.00770	-0.00023	-0.00007	0.00000
69	-0.00002	0.00003	-0.00752	-0.00023	-0.00010	0.00000
70	0.00003	0.00003	-0.00770	-0.00023	-0.00007	0.00000
71	-0.00002	0.00003	-0.00752	-0.00023	-0.00010	0.00000
72	0.00003	-0.00003	-0.00770	0.00023	-0.00007	0.00000
73	-0.00002	-0.00003	-0.00751	0.00023	-0.00010	0.00000
74	0.00003	-0.00003	-0.00770	0.00023	-0.00007	0.00000
75	-0.00002	-0.00003	-0.00751	0.00023	-0.00010	0.00000
74	GLOBAL					
1	0.00000	0.00000	-0.00398	0.00000	-0.00001	0.00000
2	0.00000	0.00000	-0.00355	0.00000	-0.00004	0.00000
3	0.00000	0.00000	-0.00015	0.00000	-0.00001	0.00000
4	0.00000	0.00000	-0.00029	0.00000	0.00000	0.00000

5	0.00000	0.00000	-0.00001	0.00000	0.00000	0.00000
6	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00000	-0.00003	0.00000	0.00000
8	0.00000	0.00000	0.00000	0.00003	0.00000	0.00000
9	0.00001	0.00000	-0.01024	0.00000	-0.00008	0.00000
10	0.00000	0.00000	-0.01022	0.00000	-0.00008	0.00000
11	0.00001	0.00001	-0.01023	-0.00003	-0.00008	0.00000
12	0.00001	0.00000	-0.01023	0.00003	-0.00008	0.00000
13	0.00001	0.00000	-0.01024	0.00000	-0.00007	0.00000
14	0.00000	0.00000	-0.01022	0.00000	-0.00007	0.00000
15	0.00001	0.00001	-0.01023	-0.00003	-0.00007	0.00000
16	0.00001	0.00000	-0.01023	0.00003	-0.00007	0.00000
17	0.00001	0.00000	-0.01003	0.00000	-0.00007	0.00000
18	0.00000	0.00000	-0.01000	0.00000	-0.00007	0.00000
19	0.00001	0.00001	-0.01001	-0.00004	-0.00007	0.00000
20	0.00001	0.00000	-0.01001	0.00004	-0.00007	0.00000
21	0.00001	0.00000	-0.00783	0.00000	-0.00006	0.00000
22	0.00000	0.00000	-0.00782	0.00000	-0.00006	0.00000
23	0.00001	0.00000	-0.00782	-0.00002	-0.00006	0.00000
24	0.00001	0.00000	-0.00782	0.00002	-0.00006	0.00000
25	0.00001	0.00000	-0.00783	0.00000	-0.00005	0.00000
26	0.00000	0.00000	-0.00782	0.00000	-0.00005	0.00000
27	0.00001	0.00000	-0.00782	-0.00002	-0.00005	0.00000
28	0.00001	0.00000	-0.00782	0.00002	-0.00005	0.00000
29	0.00001	0.00000	-0.00769	0.00000	-0.00005	0.00000
30	0.00000	0.00000	-0.00767	0.00000	-0.00005	0.00000
31	0.00001	0.00001	-0.00768	-0.00003	-0.00005	0.00000
32	0.00001	0.00000	-0.00768	0.00003	-0.00005	0.00000
33	0.00001	0.00000	-0.00753	0.00000	-0.00005	0.00000
34	0.00001	0.00000	-0.00759	0.00000	-0.00005	0.00000
35	0.00001	0.00000	-0.00753	0.00000	-0.00005	0.00000
36	0.00000	0.00000	-0.00753	0.00000	-0.00005	0.00000
37	0.00001	0.00000	-0.00753	-0.00001	-0.00005	0.00000
38	0.00001	0.00000	-0.00753	0.00001	-0.00005	0.00000
39	0.00001	0.00000	-0.00753	0.00000	-0.00005	0.00000
40	0.00008	0.00000	-0.00038	0.00000	0.00007	0.00000
41	0.00008	0.00000	-0.00038	0.00000	0.00007	0.00000
42	0.00000	0.00004	0.00000	-0.00029	0.00000	0.00000
43	0.00000	0.00003	0.00000	-0.00025	0.00000	0.00000
44	0.00008	0.00001	-0.00792	-0.00009	0.00002	0.00000
45	0.00008	-0.00001	-0.00792	0.00009	0.00002	0.00000
46	0.00008	0.00001	-0.00792	-0.00007	0.00002	0.00000
47	0.00008	-0.00001	-0.00792	0.00008	0.00002	0.00000
48	-0.00007	0.00002	-0.00715	-0.00009	-0.00012	0.00000
49	-0.00007	-0.00001	-0.00715	0.00009	-0.00012	0.00000
50	-0.00007	0.00001	-0.00715	-0.00008	-0.00012	0.00000
51	-0.00007	-0.00001	-0.00715	0.00007	-0.00012	0.00000
52	0.00008	0.00001	-0.00792	-0.00009	0.00002	0.00000
53	0.00008	-0.00001	-0.00792	0.00009	0.00002	0.00000
54	0.00008	0.00001	-0.00792	-0.00008	0.00002	0.00000

55	0.00008	-0.00001	-0.00792	0.00007	0.00002	0.00000
56	-0.00007	0.00002	-0.00715	-0.00009	-0.00012	0.00000
57	-0.00007	-0.00001	-0.00715	0.00009	-0.00012	0.00000
58	-0.00007	0.00001	-0.00715	-0.00007	-0.00012	0.00000
59	-0.00007	-0.00001	-0.00715	0.00008	-0.00012	0.00000
60	0.00003	0.00004	-0.00765	-0.00029	-0.00003	0.00000
61	-0.00002	0.00004	-0.00742	-0.00029	-0.00007	0.00000
62	0.00003	0.00004	-0.00765	-0.00029	-0.00003	0.00000
63	-0.00002	0.00004	-0.00742	-0.00029	-0.00007	0.00000
64	0.00003	-0.00004	-0.00764	0.00029	-0.00003	0.00000
65	-0.00002	-0.00004	-0.00741	0.00029	-0.00007	0.00000
66	0.00003	-0.00004	-0.00764	0.00029	-0.00003	0.00000
67	-0.00002	-0.00004	-0.00741	0.00029	-0.00007	0.00000
68	0.00003	0.00004	-0.00765	-0.00025	-0.00003	0.00000
69	-0.00002	0.00004	-0.00742	-0.00025	-0.00007	0.00000
70	0.00003	0.00004	-0.00765	-0.00025	-0.00003	0.00000
71	-0.00002	0.00004	-0.00742	-0.00025	-0.00007	0.00000
72	0.00003	-0.00003	-0.00765	0.00025	-0.00003	0.00000
73	-0.00002	-0.00003	-0.00741	0.00025	-0.00007	0.00000
74	0.00003	-0.00003	-0.00765	0.00025	-0.00003	0.00000
75	-0.00002	-0.00003	-0.00741	0.00025	-0.00007	0.00000

75 GLOBAL

1	0.00000	0.00000	-0.00399	0.00000	0.00002	0.00000
2	0.00000	0.00000	-0.00351	0.00000	-0.00003	0.00000
3	0.00000	0.00000	-0.00014	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00029	0.00000	0.00000	0.00000
5	0.00000	0.00000	-0.00002	0.00000	0.00000	0.00000
6	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00000	-0.00003	0.00000	0.00000
8	0.00000	0.00000	0.00000	0.00003	0.00000	0.00000
9	0.00001	0.00000	-0.01019	0.00000	-0.00003	0.00000
10	0.00000	0.00000	-0.01016	0.00000	-0.00003	0.00000
11	0.00001	0.00001	-0.01017	-0.00003	-0.00003	0.00000
12	0.00001	0.00000	-0.01017	0.00003	-0.00003	0.00000
13	0.00001	0.00000	-0.01019	0.00000	-0.00002	0.00000
14	0.00000	0.00000	-0.01017	0.00000	-0.00002	0.00000
15	0.00001	0.00001	-0.01018	-0.00003	-0.00002	0.00000
16	0.00001	0.00000	-0.01018	0.00003	-0.00002	0.00000
17	0.00001	0.00000	-0.00999	0.00000	-0.00002	0.00000
18	0.00000	0.00000	-0.00995	0.00000	-0.00002	0.00000
19	0.00001	0.00001	-0.00996	-0.00005	-0.00002	0.00000
20	0.00001	0.00000	-0.00996	0.00005	-0.00002	0.00000
21	0.00001	0.00000	-0.00779	0.00000	-0.00002	0.00000
22	0.00000	0.00000	-0.00778	0.00000	-0.00002	0.00000
23	0.00001	0.00000	-0.00778	-0.00002	-0.00002	0.00000
24	0.00001	0.00000	-0.00778	0.00002	-0.00002	0.00000
25	0.00001	0.00000	-0.00780	0.00000	-0.00002	0.00000
26	0.00000	0.00000	-0.00778	0.00000	-0.00002	0.00000
27	0.00001	0.00000	-0.00779	-0.00002	-0.00002	0.00000
28	0.00001	0.00000	-0.00779	0.00002	-0.00002	0.00000

29	0.00001	0.00000	-0.00766	0.00000	-0.00001	0.00000
30	0.00000	0.00000	-0.00763	0.00000	-0.00002	0.00000
31	0.00001	0.00001	-0.00764	-0.00003	-0.00002	0.00000
32	0.00001	0.00000	-0.00764	0.00003	-0.00002	0.00000
33	0.00001	0.00000	-0.00750	0.00000	-0.00002	0.00000
34	0.00001	0.00000	-0.00755	0.00000	-0.00002	0.00000
35	0.00001	0.00000	-0.00750	0.00000	-0.00002	0.00000
36	0.00000	0.00000	-0.00749	0.00000	-0.00002	0.00000
37	0.00001	0.00000	-0.00750	-0.00001	-0.00002	0.00000
38	0.00001	0.00000	-0.00750	0.00001	-0.00002	0.00000
39	0.00001	0.00000	-0.00750	0.00000	-0.00002	0.00000
40	0.00008	0.00000	-0.00047	0.00000	0.00009	0.00000
41	0.00008	0.00000	-0.00047	0.00000	0.00009	0.00000
42	0.00000	0.00005	0.00000	-0.00032	0.00000	0.00000
43	0.00000	0.00004	0.00000	-0.00027	0.00000	0.00000
44	0.00008	0.00001	-0.00797	-0.00009	0.00007	0.00000
45	0.00008	-0.00001	-0.00797	0.00010	0.00007	0.00000
46	0.00008	0.00001	-0.00797	-0.00008	0.00007	0.00000
47	0.00008	-0.00001	-0.00797	0.00008	0.00007	0.00000
48	-0.00007	0.00002	-0.00702	-0.00010	-0.00011	0.00000
49	-0.00007	-0.00001	-0.00702	0.00009	-0.00011	0.00000
50	-0.00007	0.00002	-0.00702	-0.00008	-0.00011	0.00000
51	-0.00007	-0.00001	-0.00702	0.00008	-0.00011	0.00000
52	0.00008	0.00001	-0.00797	-0.00010	0.00007	0.00000
53	0.00008	-0.00001	-0.00797	0.00009	0.00007	0.00000
54	0.00008	0.00001	-0.00797	-0.00008	0.00007	0.00000
55	0.00008	-0.00001	-0.00797	0.00008	0.00007	0.00000
56	-0.00007	0.00002	-0.00702	-0.00009	-0.00011	0.00000
57	-0.00007	-0.00001	-0.00702	0.00010	-0.00011	0.00000
58	-0.00007	0.00002	-0.00702	-0.00008	-0.00011	0.00000
59	-0.00007	-0.00001	-0.00702	0.00008	-0.00011	0.00000
60	0.00003	0.00005	-0.00764	-0.00032	0.00001	0.00000
61	-0.00002	0.00005	-0.00736	-0.00032	-0.00004	0.00000
62	0.00003	0.00005	-0.00764	-0.00032	0.00001	0.00000
63	-0.00002	0.00005	-0.00736	-0.00032	-0.00004	0.00000
64	0.00003	-0.00005	-0.00763	0.00032	0.00001	0.00000
65	-0.00002	-0.00004	-0.00735	0.00032	-0.00004	0.00000
66	0.00003	-0.00005	-0.00763	0.00032	0.00001	0.00000
67	-0.00002	-0.00004	-0.00735	0.00032	-0.00004	0.00000
68	0.00003	0.00004	-0.00764	-0.00027	0.00001	0.00000
69	-0.00002	0.00004	-0.00736	-0.00027	-0.00004	0.00000
70	0.00003	0.00004	-0.00764	-0.00027	0.00001	0.00000
71	-0.00002	0.00004	-0.00736	-0.00027	-0.00004	0.00000
72	0.00003	-0.00004	-0.00764	0.00027	0.00001	0.00000
73	-0.00002	-0.00004	-0.00735	0.00027	-0.00004	0.00000
74	0.00003	-0.00004	-0.00764	0.00027	0.00001	0.00000
75	-0.00002	-0.00004	-0.00735	0.00027	-0.00004	0.00000
1	0.00000	0.00000	-0.00433	-0.00011	-0.00005	0.00000
2	0.00000	0.00000	-0.00360	-0.00003	0.00002	0.00000

3	0.00000	0.00000	-0.00016	-0.00001	0.00000	0.00000
4	0.00000	0.00000	-0.00033	-0.00001	-0.00001	0.00000
5	0.00000	0.00000	0.00003	0.00001	0.00000	0.00000
6	0.00000	0.00000	-0.00004	0.00000	0.00000	0.00000
7	0.00000	0.00001	-0.00018	-0.00004	-0.00003	0.00000
8	0.00000	-0.00001	0.00018	0.00004	0.00003	0.00000
9	0.00000	0.00001	-0.01075	-0.00020	-0.00003	0.00000
10	0.00000	0.00001	-0.01081	-0.00020	-0.00004	0.00000
11	0.00000	0.00001	-0.01095	-0.00024	-0.00006	0.00000
12	0.00000	0.00000	-0.01062	-0.00016	-0.00001	0.00000
13	0.00000	0.00001	-0.01076	-0.00020	-0.00004	0.00000
14	0.00000	0.00001	-0.01082	-0.00021	-0.00004	0.00000
15	0.00000	0.00001	-0.01096	-0.00024	-0.00006	0.00000
16	0.00000	0.00000	-0.01063	-0.00016	-0.00001	0.00000
17	0.00000	0.00001	-0.01050	-0.00018	-0.00003	0.00000
18	0.00000	0.00000	-0.01060	-0.00020	-0.00004	0.00000
19	0.00000	0.00001	-0.01082	-0.00025	-0.00007	0.00000
20	0.00000	0.00000	-0.01027	-0.00013	0.00001	0.00000
21	0.00000	0.00000	-0.00822	-0.00015	-0.00002	0.00000
22	0.00000	0.00000	-0.00827	-0.00016	-0.00003	0.00000
23	0.00000	0.00001	-0.00835	-0.00018	-0.00004	0.00000
24	0.00000	0.00000	-0.00813	-0.00013	-0.00001	0.00000
25	0.00000	0.00000	-0.00823	-0.00015	-0.00003	0.00000
26	0.00000	0.00000	-0.00827	-0.00016	-0.00003	0.00000
27	0.00000	0.00001	-0.00836	-0.00018	-0.00004	0.00000
28	0.00000	0.00000	-0.00814	-0.00013	-0.00001	0.00000
29	0.00000	0.00000	-0.00806	-0.00014	-0.00002	0.00000
30	0.00000	0.00000	-0.00812	-0.00015	-0.00003	0.00000
31	0.00000	0.00001	-0.00827	-0.00019	-0.00005	0.00000
32	0.00000	0.00000	-0.00791	-0.00010	0.00000	0.00000
33	0.00000	0.00000	-0.00792	-0.00014	-0.00002	0.00000
34	0.00000	0.00000	-0.00799	-0.00014	-0.00003	0.00000
35	0.00000	0.00000	-0.00792	-0.00014	-0.00002	0.00000
36	0.00000	0.00000	-0.00793	-0.00014	-0.00002	0.00000
37	0.00000	0.00000	-0.00796	-0.00015	-0.00003	0.00000
38	0.00000	0.00000	-0.00789	-0.00013	-0.00002	0.00000
39	0.00000	0.00000	-0.00792	-0.00014	-0.00002	0.00000
40	0.00001	0.00000	0.00073	0.00006	0.00009	0.00000
41	0.00001	0.00000	0.00075	0.00007	0.00011	0.00000
42	0.00000	0.00006	-0.00148	-0.00035	-0.00016	0.00000
43	0.00000	0.00007	-0.00177	-0.00043	-0.00020	0.00000
44	0.00001	0.00003	-0.00764	-0.00019	0.00002	0.00000
45	0.00001	-0.00001	-0.00675	0.00003	0.00012	0.00000
46	0.00001	0.00003	-0.00773	-0.00021	0.00001	0.00000
47	0.00001	-0.00001	-0.00666	0.00005	0.00013	0.00000
48	-0.00001	0.00002	-0.00910	-0.00031	-0.00017	0.00000
49	-0.00001	-0.00002	-0.00821	-0.00009	-0.00007	0.00000
50	-0.00001	0.00002	-0.00919	-0.00033	-0.00018	0.00000
51	-0.00001	-0.00002	-0.00812	-0.00007	-0.00006	0.00000
52	0.00001	0.00002	-0.00762	-0.00018	0.00003	0.00000

53	0.00001	-0.00001	-0.00673	0.00004	0.00013	0.00000
54	0.00001	0.00003	-0.00771	-0.00020	0.00002	0.00000
55	0.00001	-0.00002	-0.00664	0.00006	0.00014	0.00000
56	-0.00001	0.00002	-0.00912	-0.00031	-0.00018	0.00000
57	-0.00001	-0.00001	-0.00823	-0.00010	-0.00008	0.00000
58	-0.00001	0.00002	-0.00920	-0.00034	-0.00019	0.00000
59	-0.00001	-0.00002	-0.00814	-0.00008	-0.00007	0.00000
60	0.00000	0.00006	-0.00919	-0.00047	-0.00016	0.00000
61	0.00000	0.00006	-0.00963	-0.00051	-0.00021	0.00000
62	0.00000	0.00006	-0.00918	-0.00047	-0.00015	0.00000
63	0.00000	0.00006	-0.00963	-0.00051	-0.00022	0.00000
64	0.00001	-0.00005	-0.00622	0.00023	0.00017	0.00000
65	0.00000	-0.00005	-0.00666	0.00020	0.00011	0.00000
66	0.00000	-0.00005	-0.00622	0.00023	0.00017	0.00000
67	0.00000	-0.00005	-0.00666	0.00019	0.00011	0.00000
68	0.00000	0.00008	-0.00948	-0.00055	-0.00020	0.00000
69	0.00000	0.00007	-0.00991	-0.00058	-0.00025	0.00000
70	0.00000	0.00007	-0.00947	-0.00054	-0.00019	0.00000
71	0.00000	0.00007	-0.00992	-0.00059	-0.00026	0.00000
72	0.00000	-0.00007	-0.00593	0.00030	0.00020	0.00000
73	0.00000	-0.00007	-0.00637	0.00027	0.00015	0.00000
74	0.00000	-0.00007	-0.00593	0.00031	0.00021	0.00000
75	0.00000	-0.00007	-0.00638	0.00027	0.00014	0.00000

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1	0.00000	0.00000	-0.00429	-0.00010	-0.00003	0.00000
2	0.00000	0.00000	-0.00362	-0.00003	0.00003	0.00000
3	0.00000	0.00000	-0.00016	-0.00001	0.00000	0.00000
4	0.00000	0.00000	-0.00032	-0.00001	0.00000	0.00000
5	0.00000	0.00000	0.00003	0.00000	0.00000	0.00000
6	0.00000	0.00000	-0.00003	0.00000	0.00000	0.00000
7	0.00000	0.00001	-0.00016	-0.00004	-0.00002	0.00000
8	0.00000	-0.00001	0.00015	0.00004	0.00003	0.00000
9	0.00000	0.00001	-0.01073	-0.00018	0.00000	0.00000
10	0.00000	0.00001	-0.01079	-0.00019	0.00000	0.00000
11	0.00000	0.00001	-0.01090	-0.00022	-0.00002	0.00000
12	0.00000	0.00000	-0.01062	-0.00015	0.00002	0.00000
13	0.00000	0.00001	-0.01074	-0.00018	0.00000	0.00000
14	0.00000	0.00000	-0.01080	-0.00019	-0.00001	0.00000
15	0.00000	0.00001	-0.01091	-0.00022	-0.00002	0.00000
16	0.00000	0.00000	-0.01063	-0.00015	0.00002	0.00000
17	0.00000	0.00001	-0.01048	-0.00017	0.00000	0.00000
18	0.00000	0.00000	-0.01057	-0.00018	-0.00001	0.00000
19	0.00000	0.00001	-0.01076	-0.00024	-0.00004	0.00000
20	0.00000	0.00000	-0.01030	-0.00012	0.00004	0.00000
21	0.00000	0.00000	-0.00821	-0.00014	0.00000	0.00000
22	0.00000	0.00000	-0.00825	-0.00014	0.00000	0.00000
23	0.00000	0.00001	-0.00832	-0.00016	-0.00001	0.00000
24	0.00000	0.00000	-0.00814	-0.00012	0.00002	0.00000
25	0.00000	0.00000	-0.00822	-0.00014	0.00000	0.00000
26	0.00000	0.00000	-0.00825	-0.00015	0.00000	0.00000

27	0.00000	0.00001	-0.00833	-0.00017	-0.00002	0.00000
28	0.00000	0.00000	-0.00814	-0.00012	0.00001	0.00000
29	0.00000	0.00000	-0.00804	-0.00013	0.00000	0.00000
30	0.00000	0.00000	-0.00810	-0.00014	0.00000	0.00000
31	0.00000	0.00001	-0.00823	-0.00017	-0.00002	0.00000
32	0.00000	0.00000	-0.00792	-0.00010	0.00003	0.00000
33	0.00000	0.00000	-0.00791	-0.00013	0.00000	0.00000
34	0.00000	0.00000	-0.00798	-0.00013	0.00000	0.00000
35	0.00000	0.00000	-0.00790	-0.00013	0.00000	0.00000
36	0.00000	0.00000	-0.00792	-0.00013	0.00000	0.00000
37	0.00000	0.00000	-0.00794	-0.00014	0.00000	0.00000
38	0.00000	0.00000	-0.00788	-0.00012	0.00001	0.00000
39	0.00000	0.00000	-0.00791	-0.00013	0.00000	0.00000
40	0.00003	0.00001	0.00064	0.00006	0.00008	0.00000
41	0.00003	0.00000	0.00064	0.00006	0.00009	0.00000
42	0.00000	0.00005	-0.00131	-0.00032	-0.00015	-0.00001
43	0.00000	0.00006	-0.00156	-0.00038	-0.00019	-0.00001
44	0.00003	0.00002	-0.00767	-0.00017	0.00003	0.00000
45	0.00003	-0.00001	-0.00688	0.00002	0.00012	0.00000
46	0.00003	0.00003	-0.00774	-0.00019	0.00002	0.00000
47	0.00003	-0.00001	-0.00681	0.00004	0.00013	0.00000
48	-0.00003	0.00001	-0.00894	-0.00028	-0.00012	0.00000
49	-0.00003	-0.00002	-0.00816	-0.00009	-0.00003	0.00000
50	-0.00003	0.00002	-0.00902	-0.00030	-0.00013	0.00000
51	-0.00003	-0.00002	-0.00808	-0.00007	-0.00002	0.00000
52	0.00003	0.00002	-0.00767	-0.00016	0.00005	0.00000
53	0.00003	-0.00001	-0.00688	0.00003	0.00014	0.00000
54	0.00003	0.00002	-0.00774	-0.00018	0.00004	0.00000
55	0.00003	-0.00001	-0.00680	0.00005	0.00015	0.00000
56	-0.00002	0.00002	-0.00894	-0.00029	-0.00014	0.00000
57	-0.00002	-0.00001	-0.00816	-0.00010	-0.00005	0.00000
58	-0.00002	0.00002	-0.00902	-0.00031	-0.00015	0.00000
59	-0.00002	-0.00002	-0.00808	-0.00008	-0.00004	0.00000
60	0.00001	0.00006	-0.00903	-0.00043	-0.00013	-0.00001
61	-0.00001	0.00005	-0.00941	-0.00047	-0.00017	-0.00001
62	0.00001	0.00006	-0.00903	-0.00043	-0.00012	-0.00001
63	-0.00001	0.00005	-0.00941	-0.00047	-0.00018	-0.00001
64	0.00001	-0.00005	-0.00641	0.00021	0.00017	0.00001
65	-0.00001	-0.00005	-0.00679	0.00017	0.00013	0.00001
66	0.00001	-0.00005	-0.00641	0.00021	0.00018	0.00001
67	-0.00001	-0.00005	-0.00679	0.00017	0.00012	0.00001
68	0.00001	0.00007	-0.00928	-0.00050	-0.00016	-0.00001
69	-0.00001	0.00007	-0.00966	-0.00053	-0.00021	-0.00001
70	0.00001	0.00007	-0.00928	-0.00050	-0.00016	-0.00001
71	-0.00001	0.00007	-0.00966	-0.00053	-0.00021	-0.00001
72	0.00001	-0.00006	-0.00616	0.00027	0.00021	0.00001
73	-0.00001	-0.00006	-0.00654	0.00024	0.00016	0.00001
74	0.00001	-0.00006	-0.00616	0.00027	0.00021	0.00001
75	-0.00001	-0.00006	-0.00654	0.00023	0.00016	0.00001

1	0.00000	0.00000	-0.00427	-0.00010	0.00000	0.00000
2	0.00000	0.00000	-0.00366	-0.00002	0.00003	0.00000
3	0.00000	0.00000	-0.00016	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00032	-0.00001	0.00000	0.00000
5	0.00000	0.00000	0.00003	0.00000	0.00000	0.00000
6	0.00000	0.00000	-0.00003	0.00000	0.00000	0.00000
7	0.00000	0.00000	-0.00013	-0.00003	-0.00002	0.00000
8	0.00000	0.00000	0.00013	0.00003	0.00002	0.00000
9	0.00000	0.00001	-0.01076	-0.00017	0.00004	0.00000
10	0.00000	0.00000	-0.01081	-0.00018	0.00004	0.00000
11	0.00000	0.00001	-0.01090	-0.00020	0.00002	0.00000
12	0.00000	0.00000	-0.01067	-0.00014	0.00006	0.00000
13	0.00000	0.00001	-0.01077	-0.00017	0.00004	0.00000
14	0.00000	0.00000	-0.01081	-0.00018	0.00004	0.00000
15	0.00000	0.00001	-0.01091	-0.00020	0.00002	0.00000
16	0.00000	0.00000	-0.01067	-0.00015	0.00006	0.00000
17	0.00000	0.00000	-0.01051	-0.00016	0.00004	0.00000
18	0.00000	0.00000	-0.01059	-0.00017	0.00003	0.00000
19	0.00000	0.00001	-0.01074	-0.00022	0.00001	0.00000
20	0.00000	0.00000	-0.01036	-0.00012	0.00007	0.00000
21	0.00000	0.00000	-0.00823	-0.00013	0.00003	0.00000
22	0.00000	0.00000	-0.00826	-0.00013	0.00003	0.00000
23	0.00000	0.00001	-0.00833	-0.00015	0.00002	0.00000
24	0.00000	0.00000	-0.00817	-0.00011	0.00005	0.00000
25	0.00000	0.00000	-0.00823	-0.00013	0.00003	0.00000
26	0.00000	0.00000	-0.00827	-0.00013	0.00003	0.00000
27	0.00000	0.00001	-0.00833	-0.00015	0.00002	0.00000
28	0.00000	0.00000	-0.00817	-0.00011	0.00004	0.00000
29	0.00000	0.00000	-0.00806	-0.00012	0.00003	0.00000
30	0.00000	0.00000	-0.00811	-0.00013	0.00003	0.00000
31	0.00000	0.00001	-0.00822	-0.00016	0.00001	0.00000
32	0.00000	0.00000	-0.00796	-0.00010	0.00005	0.00000
33	0.00000	0.00000	-0.00793	-0.00012	0.00003	0.00000
34	0.00000	0.00000	-0.00799	-0.00012	0.00003	0.00000
35	0.00000	0.00000	-0.00792	-0.00012	0.00003	0.00000
36	0.00000	0.00000	-0.00793	-0.00012	0.00003	0.00000
37	0.00000	0.00000	-0.00795	-0.00013	0.00002	0.00000
38	0.00000	0.00000	-0.00790	-0.00012	0.00003	0.00000
39	0.00000	0.00000	-0.00793	-0.00012	0.00003	0.00000
40	0.00004	0.00001	0.00056	0.00005	0.00007	0.00000
41	0.00004	0.00000	0.00054	0.00005	0.00008	0.00000
42	0.00000	0.00004	-0.00116	-0.00029	-0.00013	-0.00001
43	0.00000	0.00006	-0.00137	-0.00034	-0.00016	-0.00001
44	0.00004	0.00002	-0.00772	-0.00016	0.00006	0.00000
45	0.00005	0.00000	-0.00702	0.00002	0.00014	0.00000
46	0.00005	0.00003	-0.00778	-0.00017	0.00005	0.00000
47	0.00004	-0.00001	-0.00696	0.00003	0.00015	0.00000
48	-0.00004	0.00001	-0.00883	-0.00026	-0.00008	0.00000
49	-0.00004	-0.00002	-0.00814	-0.00009	0.00000	0.00000
50	-0.00004	0.00001	-0.00890	-0.00028	-0.00009	0.00000

51	-0.00004	-0.00002	-0.00807	-0.00007	0.00001	0.00000
52	0.00004	0.00002	-0.00773	-0.00015	0.00007	0.00000
53	0.00004	-0.00001	-0.00704	0.00002	0.00015	0.00000
54	0.00004	0.00002	-0.00779	-0.00017	0.00006	0.00000
55	0.00004	-0.00001	-0.00697	0.00004	0.00016	0.00000
56	-0.00004	0.00001	-0.00882	-0.00026	-0.00009	0.00000
57	-0.00004	-0.00001	-0.00812	-0.00009	-0.00002	0.00000
58	-0.00004	0.00002	-0.00888	-0.00028	-0.00010	0.00000
59	-0.00004	-0.00002	-0.00806	-0.00007	-0.00001	0.00000
60	0.00001	0.00005	-0.00892	-0.00039	-0.00008	-0.00001
61	-0.00001	0.00005	-0.00925	-0.00042	-0.00012	-0.00001
62	0.00001	0.00005	-0.00892	-0.00039	-0.00008	-0.00001
63	-0.00001	0.00005	-0.00925	-0.00042	-0.00013	-0.00001
64	0.00002	-0.00004	-0.00660	0.00018	0.00018	0.00001
65	-0.00001	-0.00004	-0.00694	0.00015	0.00014	0.00001
66	0.00001	-0.00004	-0.00661	0.00018	0.00018	0.00001
67	-0.00001	-0.00004	-0.00693	0.00015	0.00013	0.00001
68	0.00002	0.00006	-0.00913	-0.00045	-0.00011	-0.00001
69	-0.00001	0.00006	-0.00946	-0.00048	-0.00015	-0.00001
70	0.00001	0.00006	-0.00913	-0.00045	-0.00011	-0.00001
71	-0.00001	0.00006	-0.00946	-0.00048	-0.00016	-0.00001
72	0.00001	-0.00005	-0.00639	0.00024	0.00021	0.00001
73	-0.00001	-0.00005	-0.00673	0.00020	0.00017	0.00001
74	0.00001	-0.00005	-0.00640	0.00024	0.00021	0.00001
75	-0.00001	-0.00005	-0.00672	0.00020	0.00016	0.00001

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GLOBAL

1	0.00000	0.00000	-0.00428	-0.00009	0.00002	0.00000
2	0.00000	0.00000	-0.00369	-0.00002	0.00003	0.00000
3	0.00000	0.00000	-0.00016	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00033	-0.00001	0.00000	0.00000
5	0.00000	0.00000	0.00002	0.00000	0.00000	0.00000
6	0.00000	0.00000	-0.00002	0.00000	0.00000	0.00000
7	0.00000	0.00000	-0.00011	-0.00003	-0.00002	0.00000
8	0.00000	0.00000	0.00010	0.00003	0.00002	0.00000
9	0.00000	0.00000	-0.01083	-0.00016	0.00007	0.00000
10	0.00000	0.00000	-0.01087	-0.00016	0.00007	0.00000
11	0.00000	0.00001	-0.01095	-0.00018	0.00006	0.00000
12	0.00000	0.00000	-0.01076	-0.00013	0.00009	0.00000
13	0.00000	0.00000	-0.01083	-0.00016	0.00007	0.00000
14	0.00000	0.00000	-0.01087	-0.00016	0.00007	0.00000
15	0.00000	0.00001	-0.01095	-0.00019	0.00005	0.00000
16	0.00000	0.00000	-0.01076	-0.00014	0.00009	0.00000
17	0.00001	0.00000	-0.01057	-0.00015	0.00007	0.00000
18	0.00000	0.00000	-0.01064	-0.00016	0.00006	0.00000
19	0.00000	0.00001	-0.01077	-0.00020	0.00004	0.00000
20	0.00000	0.00000	-0.01045	-0.00011	0.00009	0.00000
21	0.00000	0.00000	-0.00828	-0.00012	0.00006	0.00000
22	0.00000	0.00000	-0.00831	-0.00012	0.00005	0.00000
23	0.00000	0.00001	-0.00836	-0.00014	0.00004	0.00000
24	0.00000	0.00000	-0.00823	-0.00010	0.00007	0.00000

25	0.00000	0.00000	-0.00828	-0.00012	0.00005	0.00000
26	0.00000	0.00000	-0.00831	-0.00012	0.00005	0.00000
27	0.00000	0.00001	-0.00836	-0.00014	0.00004	0.00000
28	0.00000	0.00000	-0.00823	-0.00011	0.00006	0.00000
29	0.00000	0.00000	-0.00811	-0.00011	0.00005	0.00000
30	0.00000	0.00000	-0.00816	-0.00012	0.00005	0.00000
31	0.00000	0.00001	-0.00824	-0.00015	0.00003	0.00000
32	0.00000	0.00000	-0.00803	-0.00009	0.00007	0.00000
33	0.00000	0.00000	-0.00797	-0.00011	0.00005	0.00000
34	0.00000	0.00000	-0.00804	-0.00011	0.00005	0.00000
35	0.00000	0.00000	-0.00797	-0.00011	0.00005	0.00000
36	0.00000	0.00000	-0.00798	-0.00011	0.00005	0.00000
37	0.00000	0.00000	-0.00799	-0.00012	0.00004	0.00000
38	0.00000	0.00000	-0.00795	-0.00011	0.00005	0.00000
39	0.00000	0.00000	-0.00797	-0.00011	0.00005	0.00000
40	0.00006	0.00000	0.00048	0.00005	0.00007	0.00000
41	0.00005	0.00000	0.00045	0.00005	0.00008	0.00000
42	0.00000	0.00004	-0.00103	-0.00025	-0.00011	-0.00001
43	0.00000	0.00005	-0.00121	-0.00030	-0.00013	-0.00001
44	0.00006	0.00002	-0.00780	-0.00014	0.00009	0.00000
45	0.00006	0.00000	-0.00718	0.00001	0.00015	0.00000
46	0.00006	0.00002	-0.00785	-0.00015	0.00008	0.00000
47	0.00006	-0.00001	-0.00713	0.00003	0.00016	0.00000
48	-0.00006	0.00001	-0.00876	-0.00024	-0.00006	0.00000
49	-0.00006	-0.00001	-0.00814	-0.00008	0.00001	0.00000
50	-0.00006	0.00001	-0.00881	-0.00025	-0.00007	0.00000
51	-0.00006	-0.00002	-0.00809	-0.00007	0.00001	0.00000
52	0.00005	0.00002	-0.00783	-0.00014	0.00010	0.00000
53	0.00005	0.00000	-0.00721	0.00001	0.00016	0.00000
54	0.00005	0.00002	-0.00788	-0.00015	0.00009	0.00000
55	0.00005	-0.00001	-0.00716	0.00003	0.00017	0.00000
56	-0.00005	0.00001	-0.00873	-0.00024	-0.00007	0.00000
57	-0.00005	-0.00001	-0.00811	-0.00008	0.00000	0.00000
58	-0.00005	0.00001	-0.00878	-0.00025	-0.00007	0.00000
59	-0.00005	-0.00001	-0.00806	-0.00007	0.00001	0.00000
60	0.00002	0.00004	-0.00885	-0.00035	-0.00004	-0.00001
61	-0.00002	0.00004	-0.00914	-0.00038	-0.00008	-0.00001
62	0.00001	0.00004	-0.00886	-0.00035	-0.00003	-0.00001
63	-0.00002	0.00004	-0.00913	-0.00038	-0.00008	-0.00001
64	0.00002	-0.00003	-0.00680	0.00016	0.00018	0.00001
65	-0.00001	-0.00004	-0.00709	0.00013	0.00013	0.00001
66	0.00002	-0.00003	-0.00681	0.00015	0.00018	0.00001
67	-0.00001	-0.00004	-0.00708	0.00013	0.00013	0.00001
68	0.00002	0.00005	-0.00903	-0.00040	-0.00006	-0.00001
69	-0.00001	0.00005	-0.00932	-0.00043	-0.00011	-0.00001
70	0.00002	0.00005	-0.00904	-0.00040	-0.00006	-0.00001
71	-0.00001	0.00005	-0.00931	-0.00043	-0.00011	-0.00001
72	0.00002	-0.00004	-0.00662	0.00020	0.00020	0.00001
73	-0.00002	-0.00004	-0.00691	0.00017	0.00016	0.00001
74	0.00002	-0.00004	-0.00663	0.00020	0.00021	0.00001

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GLOBAL

75	-0.00002	-0.00004	-0.00690	0.00017	0.00016	0.00001
1	0.00000	0.00000	-0.00430	-0.00008	0.00002	0.00000
2	0.00000	0.00000	-0.00372	-0.00002	0.00003	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00033	-0.00001	0.00000	0.00000
5	0.00000	0.00000	0.00002	0.00000	0.00000	0.00000
6	0.00000	0.00000	-0.00002	0.00000	0.00000	0.00000
7	0.00000	0.00000	-0.00009	-0.00002	-0.00001	0.00000
8	0.00000	0.00000	0.00009	0.00002	0.00001	0.00000
9	0.00001	0.00001	-0.01091	-0.00014	0.00008	0.00000
10	0.00000	0.00000	-0.01095	-0.00015	0.00007	0.00000
11	0.00000	0.00001	-0.01101	-0.00017	0.00006	0.00000
12	0.00000	0.00000	-0.01086	-0.00012	0.00009	0.00000
13	0.00001	0.00000	-0.01091	-0.00015	0.00007	0.00000
14	0.00000	0.00000	-0.01095	-0.00015	0.00007	0.00000
15	0.00000	0.00001	-0.01101	-0.00017	0.00006	0.00000
16	0.00000	0.00000	-0.01085	-0.00013	0.00008	0.00000
17	0.00001	0.00000	-0.01065	-0.00014	0.00007	0.00000
18	0.00000	0.00000	-0.01071	-0.00014	0.00006	0.00000
19	0.00000	0.00001	-0.01082	-0.00018	0.00005	0.00000
20	0.00000	0.00000	-0.01055	-0.00011	0.00009	0.00000
21	0.00000	0.00000	-0.00835	-0.00011	0.00006	0.00000
22	0.00000	0.00000	-0.00837	-0.00011	0.00005	0.00000
23	0.00000	0.00001	-0.00841	-0.00012	0.00005	0.00000
24	0.00000	0.00000	-0.00831	-0.00010	0.00006	0.00000
25	0.00000	0.00000	-0.00835	-0.00011	0.00006	0.00000
26	0.00000	0.00000	-0.00837	-0.00011	0.00005	0.00000
27	0.00000	0.00001	-0.00841	-0.00013	0.00005	0.00000
28	0.00000	0.00000	-0.00831	-0.00010	0.00006	0.00000
29	0.00001	0.00000	-0.00817	-0.00011	0.00006	0.00000
30	0.00000	0.00000	-0.00821	-0.00011	0.00005	0.00000
31	0.00000	0.00001	-0.00828	-0.00013	0.00004	0.00000
32	0.00000	0.00000	-0.00811	-0.00009	0.00007	0.00000
33	0.00000	0.00000	-0.00803	-0.00010	0.00005	0.00000
34	0.00000	0.00000	-0.00809	-0.00011	0.00005	0.00000
35	0.00000	0.00000	-0.00802	-0.00010	0.00005	0.00000
36	0.00000	0.00000	-0.00803	-0.00010	0.00005	0.00000
37	0.00000	0.00000	-0.00804	-0.00011	0.00005	0.00000
38	0.00000	0.00000	-0.00801	-0.00010	0.00005	0.00000
39	0.00000	0.00000	-0.00803	-0.00010	0.00005	0.00000
40	0.00007	0.00000	0.00039	0.00004	0.00009	0.00000
41	0.00006	0.00000	0.00036	0.00004	0.00009	0.00000
42	0.00000	0.00003	-0.00092	-0.00022	-0.00008	0.00000
43	0.00000	0.00004	-0.00107	-0.00026	-0.00011	-0.00001
44	0.00008	0.00002	-0.00791	-0.00012	0.00011	0.00000
45	0.00008	0.00000	-0.00736	0.00001	0.00016	0.00000
46	0.00008	0.00002	-0.00796	-0.00014	0.00011	0.00000
47	0.00008	0.00000	-0.00731	0.00002	0.00017	0.00000
48	-0.00007	0.00001	-0.00869	-0.00021	-0.00007	0.00000

49	-0.00007	-0.00001	-0.00814	-0.00008	-0.00002	0.00000
50	-0.00007	0.00001	-0.00874	-0.00022	-0.00007	0.00000
51	-0.00007	-0.00001	-0.00809	-0.00007	-0.00001	0.00000
52	0.00007	0.00002	-0.00795	-0.00013	0.00012	0.00000
53	0.00007	0.00000	-0.00739	0.00000	0.00017	0.00000
54	0.00007	0.00002	-0.00799	-0.00014	0.00011	0.00000
55	0.00007	-0.00001	-0.00735	0.00001	0.00017	0.00000
56	-0.00006	0.00001	-0.00866	-0.00021	-0.00007	0.00000
57	-0.00006	-0.00001	-0.00811	-0.00008	-0.00002	0.00000
58	-0.00006	0.00001	-0.00870	-0.00022	-0.00008	0.00000
59	-0.00006	-0.00001	-0.00806	-0.00007	-0.00001	0.00000
60	0.00002	0.00004	-0.00883	-0.00031	-0.00001	0.00000
61	-0.00002	0.00003	-0.00907	-0.00034	-0.00006	0.00000
62	0.00002	0.00004	-0.00884	-0.00031	-0.00001	0.00000
63	-0.00002	0.00003	-0.00906	-0.00034	-0.00006	0.00000
64	0.00003	-0.00003	-0.00699	0.00013	0.00016	0.00000
65	-0.00002	-0.00003	-0.00722	0.00010	0.00011	0.00001
66	0.00002	-0.00003	-0.00700	0.00013	0.00016	0.00000
67	-0.00001	-0.00003	-0.00721	0.00010	0.00011	0.00001
68	0.00003	0.00004	-0.00898	-0.00035	-0.00003	-0.00001
69	-0.00002	0.00004	-0.00922	-0.00037	-0.00008	-0.00001
70	0.00002	0.00004	-0.00899	-0.00035	-0.00003	-0.00001
71	-0.00002	0.00004	-0.00921	-0.00037	-0.00009	-0.00001
72	0.00002	-0.00003	-0.00684	0.00017	0.00018	0.00001
73	-0.00002	-0.00004	-0.00707	0.00014	0.00013	0.00001
74	0.00002	-0.00003	-0.00685	0.00017	0.00018	0.00001
75	-0.00002	-0.00004	-0.00706	0.00014	0.00013	0.00001

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GLOBAL

1	0.00000	0.00000	-0.00432	-0.00008	-0.00001	0.00000
2	0.00000	0.00000	-0.00376	-0.00002	0.00001	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00034	-0.00001	0.00000	0.00000
5	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
6	0.00000	0.00000	-0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	-0.00007	-0.00002	-0.00001	0.00000
8	0.00000	0.00000	0.00006	0.00002	0.00001	0.00000
9	0.00001	0.00001	-0.01099	-0.00013	0.00000	0.00000
10	0.00000	0.00001	-0.01101	-0.00014	-0.00001	0.00000
11	0.00000	0.00001	-0.01106	-0.00015	-0.00001	0.00000
12	0.00000	0.00000	-0.01094	-0.00012	0.00000	0.00000
13	0.00001	0.00001	-0.01099	-0.00014	0.00000	0.00000
14	0.00000	0.00001	-0.01101	-0.00014	-0.00001	0.00000
15	0.00000	0.00001	-0.01106	-0.00016	-0.00001	0.00000
16	0.00000	0.00000	-0.01094	-0.00012	0.00000	0.00000
17	0.00001	0.00001	-0.01073	-0.00013	0.00000	0.00000
18	0.00000	0.00001	-0.01076	-0.00013	-0.00001	0.00000
19	0.00000	0.00001	-0.01085	-0.00016	-0.00002	0.00000
20	0.00000	0.00000	-0.01065	-0.00011	0.00001	0.00000
21	0.00001	0.00000	-0.00840	-0.00010	0.00000	0.00000
22	0.00000	0.00000	-0.00842	-0.00010	-0.00001	0.00000

23	0.00000	0.00001	-0.00845	-0.00011	-0.00001	0.00000
24	0.00000	0.00000	-0.00837	-0.00009	0.00000	0.00000
25	0.00001	0.00000	-0.00840	-0.00010	0.00000	0.00000
26	0.00000	0.00000	-0.00841	-0.00011	-0.00001	0.00000
27	0.00000	0.00001	-0.00845	-0.00012	-0.00001	0.00000
28	0.00000	0.00000	-0.00837	-0.00010	0.00000	0.00000
29	0.00001	0.00000	-0.00823	-0.00010	0.00000	0.00000
30	0.00000	0.00000	-0.00825	-0.00010	-0.00001	0.00000
31	0.00000	0.00001	-0.00831	-0.00012	-0.00001	0.00000
32	0.00000	0.00000	-0.00818	-0.00008	0.00000	0.00000
33	0.00000	0.00000	-0.00807	-0.00010	0.00000	0.00000
34	0.00000	0.00000	-0.00814	-0.00010	0.00000	0.00000
35	0.00000	0.00000	-0.00807	-0.00010	0.00000	0.00000
36	0.00000	0.00000	-0.00807	-0.00010	0.00000	0.00000
37	0.00000	0.00000	-0.00809	-0.00010	-0.00001	0.00000
38	0.00000	0.00000	-0.00806	-0.00009	0.00000	0.00000
39	0.00000	0.00000	-0.00807	-0.00010	0.00000	0.00000
40	0.00010	0.00000	0.00019	0.00003	0.00007	0.00000
41	0.00008	0.00000	0.00017	0.00003	0.00007	0.00000
42	0.00000	0.00003	-0.00078	-0.00018	-0.00006	0.00000
43	0.00000	0.00003	-0.00089	-0.00021	-0.00008	0.00000
44	0.00010	0.00001	-0.00811	-0.00012	0.00005	0.00000
45	0.00010	-0.00001	-0.00764	-0.00001	0.00008	0.00000
46	0.00010	0.00001	-0.00815	-0.00013	0.00004	0.00000
47	0.00010	-0.00001	-0.00761	0.00000	0.00009	0.00000
48	-0.00010	0.00001	-0.00850	-0.00019	-0.00009	0.00000
49	-0.00009	0.00000	-0.00803	-0.00008	-0.00006	0.00000
50	-0.00009	0.00001	-0.00853	-0.00019	-0.00010	0.00000
51	-0.00010	0.00000	-0.00800	-0.00007	-0.00005	0.00000
52	0.00009	0.00001	-0.00814	-0.00012	0.00004	0.00000
53	0.00009	0.00000	-0.00767	-0.00001	0.00008	0.00000
54	0.00009	0.00001	-0.00818	-0.00013	0.00004	0.00000
55	0.00009	0.00000	-0.00764	-0.00001	0.00009	0.00000
56	-0.00008	0.00001	-0.00847	-0.00018	-0.00009	0.00000
57	-0.00008	0.00000	-0.00800	-0.00007	-0.00005	0.00000
58	-0.00008	0.00001	-0.00851	-0.00019	-0.00009	0.00000
59	-0.00008	-0.00001	-0.00797	-0.00006	-0.00005	0.00000
60	0.00003	0.00003	-0.00880	-0.00027	-0.00004	0.00000
61	-0.00003	0.00003	-0.00891	-0.00029	-0.00009	0.00000
62	0.00002	0.00003	-0.00880	-0.00027	-0.00004	0.00000
63	-0.00003	0.00003	-0.00890	-0.00029	-0.00008	0.00000
64	0.00004	-0.00002	-0.00723	0.00010	0.00008	0.00000
65	-0.00002	-0.00002	-0.00735	0.00008	0.00004	0.00000
66	0.00003	-0.00002	-0.00724	0.00009	0.00008	0.00000
67	-0.00002	-0.00002	-0.00734	0.00008	0.00004	0.00000
68	0.00003	0.00003	-0.00891	-0.00030	-0.00006	0.00000
69	-0.00002	0.00003	-0.00902	-0.00032	-0.00011	0.00000
70	0.00003	0.00003	-0.00892	-0.00030	-0.00007	0.00000
71	-0.00002	0.00003	-0.00902	-0.00031	-0.00011	0.00000
72	0.00003	-0.00003	-0.00712	0.00012	0.00010	0.00000

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GLOBAL

73	-0.00003	-0.00003	-0.00724	0.00010	0.00006	0.00000
74	0.00003	-0.00003	-0.00713	0.00012	0.00010	0.00000
75	-0.00003	-0.00003	-0.00723	0.00010	0.00006	0.00000
1	0.00000	0.00000	-0.00430	-0.00008	-0.00001	0.00000
2	0.00000	0.00000	-0.00376	-0.00002	0.00001	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00033	-0.00001	0.00000	0.00000
5	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
6	0.00000	0.00000	-0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	-0.00006	-0.00002	-0.00001	0.00000
8	0.00000	0.00000	0.00006	0.00002	0.00001	0.00000
9	0.00001	0.00001	-0.01098	-0.00014	-0.00001	0.00000
10	0.00000	0.00001	-0.01100	-0.00014	-0.00001	0.00000
11	0.00000	0.00001	-0.01104	-0.00015	-0.00002	0.00000
12	0.00000	0.00000	-0.01094	-0.00012	-0.00001	0.00000
13	0.00001	0.00001	-0.01098	-0.00014	-0.00001	0.00000
14	0.00000	0.00001	-0.01099	-0.00014	-0.00002	0.00000
15	0.00000	0.00001	-0.01104	-0.00016	-0.00002	0.00000
16	0.00000	0.00000	-0.01093	-0.00013	-0.00001	0.00000
17	0.00001	0.00001	-0.01072	-0.00013	-0.00001	0.00000
18	0.00000	0.00001	-0.01074	-0.00014	-0.00002	0.00000
19	0.00000	0.00001	-0.01082	-0.00016	-0.00002	0.00000
20	0.00000	0.00000	-0.01065	-0.00011	0.00000	0.00000
21	0.00001	0.00000	-0.00840	-0.00011	-0.00001	0.00000
22	0.00000	0.00000	-0.00841	-0.00011	-0.00001	0.00000
23	0.00000	0.00001	-0.00844	-0.00012	-0.00001	0.00000
24	0.00000	0.00000	-0.00837	-0.00010	-0.00001	0.00000
25	0.00001	0.00000	-0.00839	-0.00011	-0.00001	0.00000
26	0.00000	0.00000	-0.00840	-0.00011	-0.00001	0.00000
27	0.00000	0.00001	-0.00843	-0.00012	-0.00001	0.00000
28	0.00000	0.00000	-0.00836	-0.00010	-0.00001	0.00000
29	0.00001	0.00000	-0.00822	-0.00010	-0.00001	0.00000
30	0.00000	0.00000	-0.00824	-0.00011	-0.00001	0.00000
31	0.00000	0.00001	-0.00829	-0.00012	-0.00002	0.00000
32	0.00000	0.00000	-0.00817	-0.00009	0.00000	0.00000
33	0.00000	0.00000	-0.00806	-0.00010	-0.00001	0.00000
34	0.00000	0.00000	-0.00813	-0.00010	-0.00001	0.00000
35	0.00000	0.00000	-0.00806	-0.00010	-0.00001	0.00000
36	0.00000	0.00000	-0.00806	-0.00010	-0.00001	0.00000
37	0.00000	0.00000	-0.00808	-0.00010	-0.00001	0.00000
38	0.00000	0.00000	-0.00805	-0.00010	-0.00001	0.00000
39	0.00000	0.00000	-0.00806	-0.00010	-0.00001	0.00000
40	0.00011	0.00000	0.00014	0.00003	0.00003	0.00000
41	0.00009	0.00000	0.00011	0.00002	0.00003	0.00000
42	-0.00001	0.00003	-0.00072	-0.00018	-0.00005	0.00000
43	0.00000	0.00003	-0.00081	-0.00020	-0.00007	0.00000
44	0.00011	0.00001	-0.00814	-0.00013	0.00001	0.00000
45	0.00011	0.00000	-0.00771	-0.00002	0.00004	0.00000
46	0.00011	0.00001	-0.00817	-0.00013	0.00001	0.00000

47	0.00011	-0.00001	-0.00768	-0.00001	0.00005	0.00000
48	-0.00011	0.00001	-0.00842	-0.00018	-0.00006	0.00000
49	-0.00010	0.00000	-0.00799	-0.00007	-0.00003	0.00000
50	-0.00010	0.00001	-0.00844	-0.00019	-0.00006	0.00000
51	-0.00011	0.00000	-0.00796	-0.00007	-0.00002	0.00000
52	0.00009	0.00001	-0.00817	-0.00013	0.00001	0.00000
53	0.00010	0.00000	-0.00773	-0.00002	0.00004	0.00000
54	0.00010	0.00001	-0.00819	-0.00014	0.00000	0.00000
55	0.00010	0.00000	-0.00771	-0.00002	0.00004	0.00000
56	-0.00009	0.00001	-0.00839	-0.00018	-0.00006	0.00000
57	-0.00009	0.00000	-0.00796	-0.00007	-0.00003	0.00000
58	-0.00009	0.00001	-0.00842	-0.00018	-0.00006	0.00000
59	-0.00009	-0.00001	-0.00793	-0.00006	-0.00002	0.00000
60	0.00003	0.00003	-0.00874	-0.00027	-0.00004	0.00000
61	-0.00004	0.00003	-0.00883	-0.00028	-0.00007	0.00000
62	0.00002	0.00003	-0.00875	-0.00027	-0.00005	0.00000
63	-0.00003	0.00003	-0.00882	-0.00028	-0.00006	0.00000
64	0.00004	-0.00002	-0.00730	0.00008	0.00005	0.00000
65	-0.00002	-0.00002	-0.00738	0.00007	0.00003	0.00000
66	0.00004	-0.00002	-0.00731	0.00008	0.00005	0.00000
67	-0.00002	-0.00002	-0.00737	0.00007	0.00003	0.00000
68	0.00004	0.00003	-0.00883	-0.00029	-0.00007	0.00000
69	-0.00003	0.00003	-0.00892	-0.00030	-0.00009	0.00000
70	0.00003	0.00003	-0.00884	-0.00029	-0.00007	0.00000
71	-0.00002	0.00003	-0.00891	-0.00030	-0.00009	0.00000
72	0.00003	-0.00002	-0.00721	0.00011	0.00007	0.00000
73	-0.00003	-0.00002	-0.00729	0.00009	0.00005	0.00000
74	0.00003	-0.00002	-0.00722	0.00010	0.00007	0.00000
75	-0.00003	-0.00002	-0.00729	0.00009	0.00005	0.00000

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GLOBAL

1	0.00000	0.00000	-0.00429	-0.00008	-0.00001	0.00000
2	0.00000	0.00000	-0.00377	-0.00002	0.00001	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00033	-0.00001	0.00000	0.00000
5	0.00001	0.00000	0.00001	0.00000	0.00000	0.00000
6	-0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
7	0.00000	0.00000	-0.00006	-0.00002	0.00000	0.00000
8	0.00000	0.00000	0.00005	0.00001	0.00000	0.00000
9	0.00001	0.00001	-0.01097	-0.00014	0.00000	0.00000
10	0.00000	0.00001	-0.01099	-0.00014	0.00000	0.00000
11	0.00000	0.00001	-0.01103	-0.00016	0.00000	0.00000
12	0.00000	0.00000	-0.01094	-0.00013	0.00000	0.00000
13	0.00001	0.00001	-0.01097	-0.00015	0.00000	0.00000
14	0.00000	0.00001	-0.01098	-0.00015	0.00000	0.00000
15	0.00000	0.00001	-0.01102	-0.00016	0.00000	0.00000
16	0.00000	0.00000	-0.01093	-0.00013	0.00000	0.00000
17	0.00001	0.00001	-0.01071	-0.00014	0.00000	0.00000
18	0.00000	0.00001	-0.01073	-0.00014	0.00000	0.00000
19	0.00000	0.00001	-0.01081	-0.00017	-0.00001	0.00000
20	0.00000	0.00000	-0.01065	-0.00012	0.00001	0.00000

21	0.00001	0.00000	-0.00839	-0.00011	0.00000	0.00000
22	0.00000	0.00000	-0.00840	-0.00011	0.00000	0.00000
23	0.00000	0.00001	-0.00843	-0.00012	0.00000	0.00000
24	0.00000	0.00000	-0.00837	-0.00010	0.00000	0.00000
25	0.00001	0.00000	-0.00839	-0.00011	0.00000	0.00000
26	0.00000	0.00000	-0.00839	-0.00011	0.00000	0.00000
27	0.00000	0.00001	-0.00842	-0.00012	0.00000	0.00000
28	0.00000	0.00000	-0.00836	-0.00010	0.00000	0.00000
29	0.00001	0.00000	-0.00822	-0.00011	0.00000	0.00000
30	0.00000	0.00000	-0.00823	-0.00011	0.00000	0.00000
31	0.00000	0.00001	-0.00828	-0.00012	0.00000	0.00000
32	0.00000	0.00000	-0.00817	-0.00009	0.00000	0.00000
33	0.00000	0.00000	-0.00806	-0.00010	0.00000	0.00000
34	0.00000	0.00000	-0.00812	-0.00010	0.00000	0.00000
35	0.00000	0.00000	-0.00806	-0.00010	0.00000	0.00000
36	0.00000	0.00000	-0.00806	-0.00010	0.00000	0.00000
37	0.00000	0.00000	-0.00807	-0.00011	0.00000	0.00000
38	0.00000	0.00000	-0.00805	-0.00010	0.00000	0.00000
39	0.00000	0.00000	-0.00806	-0.00010	0.00000	0.00000
40	0.00012	0.00000	0.00011	0.00002	0.00002	0.00000
41	0.00010	0.00000	0.00009	0.00002	0.00002	0.00000
42	-0.00001	0.00003	-0.00068	-0.00017	-0.00003	0.00000
43	0.00000	0.00003	-0.00074	-0.00019	-0.00005	0.00000
44	0.00012	0.00001	-0.00815	-0.00013	0.00001	0.00000
45	0.00012	0.00000	-0.00774	-0.00003	0.00003	0.00000
46	0.00012	0.00001	-0.00817	-0.00014	0.00000	0.00000
47	0.00012	0.00000	-0.00772	-0.00003	0.00003	0.00000
48	-0.00012	0.00001	-0.00837	-0.00017	-0.00003	0.00000
49	-0.00011	0.00000	-0.00796	-0.00007	-0.00001	0.00000
50	-0.00011	0.00001	-0.00839	-0.00018	-0.00003	0.00000
51	-0.00012	-0.00001	-0.00794	-0.00007	0.00000	0.00000
52	0.00010	0.00001	-0.00817	-0.00014	0.00001	0.00000
53	0.00011	0.00000	-0.00777	-0.00003	0.00002	0.00000
54	0.00011	0.00001	-0.00819	-0.00014	0.00000	0.00000
55	0.00011	0.00000	-0.00775	-0.00003	0.00003	0.00000
56	-0.00010	0.00001	-0.00835	-0.00017	-0.00002	0.00000
57	-0.00010	-0.00001	-0.00794	-0.00007	-0.00001	0.00000
58	-0.00010	0.00001	-0.00837	-0.00017	-0.00003	0.00000
59	-0.00010	-0.00001	-0.00792	-0.00006	0.00000	0.00000
60	0.00003	0.00003	-0.00871	-0.00027	-0.00002	0.00000
61	-0.00004	0.00003	-0.00877	-0.00028	-0.00003	0.00000
62	0.00003	0.00003	-0.00871	-0.00027	-0.00002	0.00000
63	-0.00003	0.00003	-0.00877	-0.00028	-0.00003	0.00000
64	0.00005	-0.00002	-0.00734	0.00007	0.00003	0.00000
65	-0.00003	-0.00002	-0.00741	0.00006	0.00002	0.00000
66	0.00004	-0.00002	-0.00735	0.00007	0.00003	0.00000
67	-0.00002	-0.00002	-0.00740	0.00006	0.00002	0.00000
68	0.00004	0.00003	-0.00877	-0.00028	-0.00005	0.00000
69	-0.00003	0.00003	-0.00884	-0.00029	-0.00006	0.00000
70	0.00004	0.00003	-0.00878	-0.00028	-0.00005	0.00000

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GLOBAL

71	-0.00003	0.00003	-0.00883	-0.00029	-0.00006	0.00000
72	0.00004	-0.00002	-0.00728	0.00009	0.00006	0.00000
73	-0.00003	-0.00002	-0.00735	0.00008	0.00005	0.00000
74	0.00003	-0.00002	-0.00729	0.00009	0.00006	0.00000
75	-0.00003	-0.00002	-0.00734	0.00008	0.00005	0.00000
1	0.00000	0.00000	-0.00429	-0.00008	0.00001	0.00000
2	0.00000	0.00000	-0.00378	-0.00002	0.00001	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00033	-0.00001	0.00000	0.00000
5	0.00001	0.00000	0.00001	0.00000	0.00000	0.00000
6	-0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
7	0.00000	0.00000	-0.00005	-0.00002	0.00000	0.00000
8	0.00000	0.00000	0.00005	0.00001	0.00000	0.00000
9	0.00001	0.00001	-0.01099	-0.00015	0.00002	0.00000
10	0.00000	0.00001	-0.01100	-0.00015	0.00002	0.00000
11	0.00000	0.00001	-0.01104	-0.00016	0.00002	0.00000
12	0.00001	0.00000	-0.01095	-0.00013	0.00002	0.00000
13	0.00001	0.00001	-0.01098	-0.00015	0.00002	0.00000
14	0.00000	0.00001	-0.01099	-0.00015	0.00002	0.00000
15	0.00000	0.00001	-0.01103	-0.00016	0.00002	0.00000
16	0.00001	0.00000	-0.01094	-0.00014	0.00002	0.00000
17	0.00001	0.00001	-0.01072	-0.00014	0.00002	0.00000
18	0.00000	0.00001	-0.01074	-0.00014	0.00001	0.00000
19	0.00000	0.00001	-0.01081	-0.00017	0.00001	0.00000
20	0.00001	0.00000	-0.01066	-0.00012	0.00002	0.00000
21	0.00001	0.00000	-0.00840	-0.00011	0.00001	0.00000
22	0.00000	0.00000	-0.00841	-0.00011	0.00001	0.00000
23	0.00000	0.00001	-0.00843	-0.00012	0.00001	0.00000
24	0.00000	0.00000	-0.00838	-0.00010	0.00001	0.00000
25	0.00001	0.00000	-0.00839	-0.00011	0.00001	0.00000
26	0.00000	0.00000	-0.00840	-0.00011	0.00001	0.00000
27	0.00000	0.00001	-0.00843	-0.00012	0.00001	0.00000
28	0.00000	0.00000	-0.00837	-0.00011	0.00001	0.00000
29	0.00001	0.00000	-0.00823	-0.00011	0.00001	0.00000
30	0.00000	0.00000	-0.00823	-0.00011	0.00001	0.00000
31	0.00000	0.00001	-0.00828	-0.00013	0.00001	0.00000
32	0.00000	0.00000	-0.00818	-0.00010	0.00001	0.00000
33	0.00000	0.00000	-0.00806	-0.00010	0.00001	0.00000
34	0.00000	0.00000	-0.00813	-0.00011	0.00001	0.00000
35	0.00000	0.00000	-0.00806	-0.00010	0.00001	0.00000
36	0.00000	0.00000	-0.00806	-0.00011	0.00001	0.00000
37	0.00000	0.00000	-0.00807	-0.00011	0.00001	0.00000
38	0.00000	0.00000	-0.00805	-0.00010	0.00001	0.00000
39	0.00000	0.00000	-0.00806	-0.00010	0.00001	0.00000
40	0.00013	0.00000	0.00009	0.00001	0.00002	0.00000
41	0.00011	0.00000	0.00007	0.00001	0.00002	0.00000
42	-0.00001	0.00003	-0.00066	-0.00016	-0.00001	0.00000
43	0.00000	0.00003	-0.00070	-0.00017	-0.00003	0.00000
44	0.00013	0.00001	-0.00817	-0.00014	0.00003	0.00000

45	0.00013	0.00000	-0.00778	-0.00004	0.00004	0.00000
46	0.00013	0.00001	-0.00818	-0.00014	0.00002	0.00000
47	0.00013	0.00000	-0.00777	-0.00004	0.00004	0.00000
48	-0.00013	0.00001	-0.00835	-0.00017	-0.00001	0.00000
49	-0.00012	-0.00001	-0.00796	-0.00007	-0.00001	0.00000
50	-0.00013	0.00001	-0.00836	-0.00017	-0.00002	0.00000
51	-0.00013	-0.00001	-0.00794	-0.00007	0.00000	0.00000
52	0.00011	0.00001	-0.00819	-0.00014	0.00003	0.00000
53	0.00012	0.00000	-0.00779	-0.00004	0.00003	0.00000
54	0.00012	0.00001	-0.00820	-0.00015	0.00002	0.00000
55	0.00012	0.00000	-0.00778	-0.00004	0.00004	0.00000
56	-0.00011	0.00001	-0.00833	-0.00016	-0.00001	0.00000
57	-0.00011	-0.00001	-0.00794	-0.00007	0.00000	0.00000
58	-0.00011	0.00001	-0.00835	-0.00017	-0.00002	0.00000
59	-0.00011	-0.00001	-0.00793	-0.00006	0.00000	0.00000
60	0.00003	0.00003	-0.00870	-0.00026	0.00001	0.00000
61	-0.00004	0.00003	-0.00875	-0.00027	-0.00001	0.00000
62	0.00003	0.00003	-0.00870	-0.00027	0.00000	0.00000
63	-0.00004	0.00003	-0.00875	-0.00027	-0.00001	0.00000
64	0.00005	-0.00002	-0.00738	0.00006	0.00003	0.00000
65	-0.00003	-0.00002	-0.00743	0.00006	0.00002	0.00000
66	0.00005	-0.00002	-0.00738	0.00006	0.00003	0.00000
67	-0.00002	-0.00002	-0.00743	0.00006	0.00002	0.00000
68	0.00004	0.00003	-0.00874	-0.00027	-0.00001	0.00000
69	-0.00003	0.00003	-0.00879	-0.00028	-0.00003	0.00000
70	0.00004	0.00003	-0.00874	-0.00028	-0.00002	0.00000
71	-0.00003	0.00003	-0.00878	-0.00028	-0.00003	0.00000
72	0.00004	-0.00002	-0.00734	0.00007	0.00005	0.00000
73	-0.00004	-0.00002	-0.00739	0.00006	0.00004	0.00000
74	0.00004	-0.00002	-0.00734	0.00007	0.00005	0.00000
75	-0.00003	-0.00002	-0.00739	0.00007	0.00004	0.00000

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GLOBAL

1	0.00000	0.00000	-0.00430	-0.00009	0.00001	0.00000
2	0.00000	0.00000	-0.00378	-0.00002	0.00000	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00034	-0.00001	0.00000	0.00000
5	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
6	-0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
7	0.00000	0.00000	-0.00005	-0.00002	0.00000	0.00000
8	0.00000	0.00000	0.00005	0.00001	0.00000	0.00000
9	0.00001	0.00001	-0.01101	-0.00015	0.00002	0.00000
10	0.00000	0.00001	-0.01102	-0.00015	0.00002	0.00000
11	0.00001	0.00001	-0.01106	-0.00016	0.00002	0.00000
12	0.00001	0.00000	-0.01097	-0.00014	0.00002	0.00000
13	0.00001	0.00001	-0.01100	-0.00015	0.00002	0.00000
14	0.00000	0.00001	-0.01101	-0.00015	0.00002	0.00000
15	0.00001	0.00001	-0.01105	-0.00017	0.00002	0.00000
16	0.00001	0.00000	-0.01097	-0.00014	0.00002	0.00000
17	0.00001	0.00001	-0.01075	-0.00015	0.00002	0.00000
18	0.00000	0.00000	-0.01076	-0.00015	0.00002	0.00000

19	0.00000	0.00001	-0.01083	-0.00017	0.00002	0.00000
20	0.00001	0.00000	-0.01069	-0.00013	0.00002	0.00000
21	0.00001	0.00000	-0.00842	-0.00011	0.00002	0.00000
22	0.00000	0.00000	-0.00842	-0.00011	0.00001	0.00000
23	0.00000	0.00001	-0.00845	-0.00012	0.00002	0.00000
24	0.00000	0.00000	-0.00839	-0.00011	0.00002	0.00000
25	0.00001	0.00000	-0.00841	-0.00012	0.00002	0.00000
26	0.00000	0.00000	-0.00842	-0.00012	0.00001	0.00000
27	0.00000	0.00001	-0.00845	-0.00013	0.00002	0.00000
28	0.00000	0.00000	-0.00839	-0.00011	0.00002	0.00000
29	0.00001	0.00000	-0.00824	-0.00011	0.00002	0.00000
30	0.00000	0.00000	-0.00825	-0.00011	0.00001	0.00000
31	0.00000	0.00001	-0.00830	-0.00013	0.00001	0.00000
32	0.00000	0.00000	-0.00820	-0.00010	0.00002	0.00000
33	0.00000	0.00000	-0.00808	-0.00011	0.00001	0.00000
34	0.00000	0.00000	-0.00815	-0.00011	0.00001	0.00000
35	0.00000	0.00000	-0.00808	-0.00011	0.00001	0.00000
36	0.00000	0.00000	-0.00808	-0.00011	0.00001	0.00000
37	0.00000	0.00000	-0.00809	-0.00011	0.00001	0.00000
38	0.00000	0.00000	-0.00807	-0.00010	0.00001	0.00000
39	0.00000	0.00000	-0.00808	-0.00011	0.00001	0.00000
40	0.00014	0.00000	0.00005	0.00001	0.00005	0.00000
41	0.00012	0.00000	0.00004	0.00000	0.00004	0.00000
42	-0.00001	0.00003	-0.00065	-0.00016	0.00000	0.00000
43	0.00000	0.00003	-0.00067	-0.00016	-0.00002	0.00000
44	0.00014	0.00001	-0.00822	-0.00015	0.00006	0.00000
45	0.00015	0.00000	-0.00783	-0.00005	0.00006	0.00000
46	0.00014	0.00001	-0.00823	-0.00015	0.00006	0.00000
47	0.00014	0.00000	-0.00783	-0.00005	0.00007	0.00000
48	-0.00014	0.00001	-0.00833	-0.00016	-0.00003	0.00000
49	-0.00013	-0.00001	-0.00794	-0.00007	-0.00003	0.00000
50	-0.00014	0.00001	-0.00833	-0.00016	-0.00004	0.00000
51	-0.00014	-0.00001	-0.00793	-0.00006	-0.00003	0.00000
52	0.00012	0.00001	-0.00823	-0.00015	0.00005	0.00000
53	0.00013	0.00000	-0.00784	-0.00006	0.00005	0.00000
54	0.00013	0.00001	-0.00824	-0.00015	0.00005	0.00000
55	0.00012	0.00000	-0.00784	-0.00005	0.00006	0.00000
56	-0.00012	0.00001	-0.00832	-0.00016	-0.00002	0.00000
57	-0.00011	-0.00001	-0.00793	-0.00006	-0.00002	0.00000
58	-0.00012	0.00001	-0.00832	-0.00016	-0.00003	0.00000
59	-0.00012	-0.00001	-0.00792	-0.00006	-0.00002	0.00000
60	0.00004	0.00003	-0.00872	-0.00026	0.00003	0.00000
61	-0.00005	0.00003	-0.00875	-0.00027	0.00000	0.00000
62	0.00003	0.00003	-0.00872	-0.00026	0.00003	0.00000
63	-0.00004	0.00003	-0.00875	-0.00027	0.00000	0.00000
64	0.00005	-0.00002	-0.00741	0.00005	0.00003	0.00000
65	-0.00003	-0.00002	-0.00744	0.00005	0.00000	0.00000
66	0.00005	-0.00002	-0.00741	0.00005	0.00002	0.00000
67	-0.00002	-0.00002	-0.00744	0.00005	0.00000	0.00000
68	0.00005	0.00003	-0.00873	-0.00027	0.00001	0.00000

69	-0.00004	0.00003	-0.00877	-0.00027	-0.00002	0.00000
70	0.00004	0.00003	-0.00874	-0.00027	0.00001	0.00000
71	-0.00003	0.00003	-0.00876	-0.00027	-0.00001	0.00000
72	0.00004	-0.00002	-0.00739	0.00006	0.00005	0.00000
73	-0.00004	-0.00002	-0.00743	0.00005	0.00002	0.00000
74	0.00004	-0.00002	-0.00740	0.00006	0.00004	0.00000
75	-0.00003	-0.00002	-0.00742	0.00005	0.00002	0.00000
1	0.00000	0.00000	-0.00430	-0.00009	-0.00001	0.00000
2	0.00000	0.00000	-0.00378	-0.00002	0.00000	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00034	-0.00001	0.00000	0.00000
5	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
6	-0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
7	0.00000	0.00000	-0.00005	-0.00002	0.00000	0.00000
8	0.00000	0.00000	0.00005	0.00001	0.00000	0.00000
9	0.00001	0.00001	-0.01102	-0.00015	-0.00002	0.00000
10	0.00000	0.00001	-0.01101	-0.00015	-0.00002	0.00000
11	0.00001	0.00001	-0.01106	-0.00016	-0.00002	0.00000
12	0.00001	0.00000	-0.01097	-0.00014	-0.00002	0.00000
13	0.00001	0.00000	-0.01101	-0.00015	-0.00002	0.00000
14	0.00000	0.00001	-0.01100	-0.00015	-0.00002	0.00000
15	0.00001	0.00001	-0.01105	-0.00017	-0.00002	0.00000
16	0.00001	0.00000	-0.01097	-0.00014	-0.00002	0.00000
17	0.00002	0.00000	-0.01076	-0.00015	-0.00002	0.00000
18	0.00000	0.00001	-0.01075	-0.00015	-0.00002	0.00000
19	0.00000	0.00001	-0.01083	-0.00017	-0.00002	0.00000
20	0.00001	0.00000	-0.01069	-0.00013	-0.00002	0.00000
21	0.00001	0.00000	-0.00842	-0.00011	-0.00001	0.00000
22	0.00000	0.00000	-0.00842	-0.00011	-0.00002	0.00000
23	0.00000	0.00001	-0.00845	-0.00012	-0.00002	0.00000
24	0.00001	0.00000	-0.00839	-0.00011	-0.00002	0.00000
25	0.00001	0.00000	-0.00842	-0.00012	-0.00001	0.00000
26	0.00000	0.00000	-0.00841	-0.00012	-0.00002	0.00000
27	0.00000	0.00001	-0.00845	-0.00013	-0.00002	0.00000
28	0.00001	0.00000	-0.00839	-0.00011	-0.00002	0.00000
29	0.00001	0.00000	-0.00825	-0.00011	-0.00001	0.00000
30	0.00000	0.00000	-0.00824	-0.00011	-0.00002	0.00000
31	0.00000	0.00001	-0.00830	-0.00013	-0.00001	0.00000
32	0.00001	0.00000	-0.00820	-0.00010	-0.00002	0.00000
33	0.00000	0.00000	-0.00808	-0.00011	-0.00001	0.00000
34	0.00000	0.00000	-0.00815	-0.00011	-0.00001	0.00000
35	0.00001	0.00000	-0.00808	-0.00011	-0.00001	0.00000
36	0.00000	0.00000	-0.00808	-0.00011	-0.00001	0.00000
37	0.00000	0.00000	-0.00809	-0.00011	-0.00001	0.00000
38	0.00000	0.00000	-0.00807	-0.00010	-0.00001	0.00000
39	0.00000	0.00000	-0.00808	-0.00011	-0.00001	0.00000
40	0.00015	0.00000	-0.00007	-0.00001	0.00005	0.00000
41	0.00013	0.00000	-0.00006	-0.00001	0.00004	0.00000
42	-0.00001	0.00003	-0.00067	-0.00016	0.00002	0.00000

43	0.00000	0.00003	-0.00065	-0.00016	0.00000	0.00000
44	0.00015	0.00001	-0.00835	-0.00016	0.00004	0.00000
45	0.00016	-0.00001	-0.00795	-0.00007	0.00003	0.00000
46	0.00016	0.00001	-0.00834	-0.00016	0.00003	0.00000
47	0.00016	-0.00001	-0.00795	-0.00007	0.00003	0.00000
48	-0.00015	0.00001	-0.00821	-0.00015	-0.00006	0.00000
49	-0.00015	0.00000	-0.00781	-0.00005	-0.00007	0.00000
50	-0.00015	0.00001	-0.00821	-0.00015	-0.00006	0.00000
51	-0.00015	0.00000	-0.00782	-0.00005	-0.00006	0.00000
52	0.00013	0.00001	-0.00834	-0.00016	0.00003	0.00000
53	0.00014	-0.00001	-0.00793	-0.00006	0.00002	0.00000
54	0.00014	0.00001	-0.00833	-0.00016	0.00002	0.00000
55	0.00014	-0.00001	-0.00794	-0.00007	0.00002	0.00000
56	-0.00013	0.00001	-0.00823	-0.00015	-0.00005	0.00000
57	-0.00013	0.00000	-0.00782	-0.00005	-0.00006	0.00000
58	-0.00013	0.00001	-0.00822	-0.00015	-0.00005	0.00000
59	-0.00013	0.00000	-0.00783	-0.00005	-0.00005	0.00000
60	0.00004	0.00003	-0.00877	-0.00027	0.00002	0.00000
61	-0.00005	0.00003	-0.00873	-0.00027	-0.00001	0.00000
62	0.00003	0.00003	-0.00877	-0.00027	0.00001	0.00000
63	-0.00005	0.00003	-0.00873	-0.00027	-0.00001	0.00000
64	0.00006	-0.00002	-0.00743	0.00005	-0.00002	0.00000
65	-0.00003	-0.00002	-0.00739	0.00006	-0.00005	0.00000
66	0.00006	-0.00002	-0.00743	0.00005	-0.00002	0.00000
67	-0.00002	-0.00002	-0.00739	0.00006	-0.00004	0.00000
68	0.00005	0.00003	-0.00875	-0.00027	0.00000	0.00000
69	-0.00004	0.00003	-0.00871	-0.00026	-0.00003	0.00000
70	0.00004	0.00003	-0.00875	-0.00027	0.00000	0.00000
71	-0.00004	0.00003	-0.00872	-0.00026	-0.00003	0.00000
72	0.00005	-0.00002	-0.00745	0.00005	0.00000	0.00000
73	-0.00004	-0.00002	-0.00741	0.00005	-0.00003	0.00000
74	0.00004	-0.00002	-0.00744	0.00005	0.00000	0.00000
75	-0.00004	-0.00002	-0.00741	0.00005	-0.00002	0.00000

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GLOBAL

1	0.00000	0.00000	-0.00429	-0.00008	-0.00001	0.00000
2	0.00000	0.00000	-0.00378	-0.00002	-0.00001	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00033	-0.00001	0.00000	0.00000
5	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
6	-0.00001	0.00000	0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	-0.00005	-0.00002	0.00000	0.00000
8	0.00000	0.00000	0.00005	0.00001	0.00000	0.00000
9	0.00001	0.00001	-0.01100	-0.00015	-0.00002	0.00000
10	0.00000	0.00001	-0.01099	-0.00015	-0.00002	0.00000
11	0.00001	0.00001	-0.01104	-0.00016	-0.00002	0.00000
12	0.00001	0.00000	-0.01095	-0.00013	-0.00002	0.00000
13	0.00001	0.00001	-0.01099	-0.00015	-0.00002	0.00000
14	0.00000	0.00001	-0.01098	-0.00015	-0.00002	0.00000
15	0.00001	0.00001	-0.01103	-0.00016	-0.00002	0.00000
16	0.00001	0.00000	-0.01094	-0.00014	-0.00002	0.00000

17	0.00002	0.00001	-0.01074	-0.00014	-0.00001	0.00000
18	0.00000	0.00001	-0.01072	-0.00014	-0.00002	0.00000
19	0.00001	0.00001	-0.01081	-0.00017	-0.00001	0.00000
20	0.00001	0.00000	-0.01066	-0.00012	-0.00002	0.00000
21	0.00001	0.00000	-0.00841	-0.00011	-0.00001	0.00000
22	0.00000	0.00000	-0.00840	-0.00011	-0.00001	0.00000
23	0.00000	0.00001	-0.00843	-0.00012	-0.00001	0.00000
24	0.00001	0.00000	-0.00838	-0.00010	-0.00001	0.00000
25	0.00001	0.00000	-0.00840	-0.00011	-0.00001	0.00000
26	0.00000	0.00000	-0.00839	-0.00011	-0.00001	0.00000
27	0.00000	0.00001	-0.00843	-0.00012	-0.00001	0.00000
28	0.00001	0.00000	-0.00837	-0.00011	-0.00001	0.00000
29	0.00001	0.00000	-0.00824	-0.00011	-0.00001	0.00000
30	0.00000	0.00000	-0.00822	-0.00011	-0.00001	0.00000
31	0.00000	0.00001	-0.00828	-0.00013	-0.00001	0.00000
32	0.00001	0.00000	-0.00818	-0.00010	-0.00001	0.00000
33	0.00000	0.00000	-0.00806	-0.00010	-0.00001	0.00000
34	0.00000	0.00000	-0.00813	-0.00011	-0.00001	0.00000
35	0.00001	0.00000	-0.00807	-0.00011	-0.00001	0.00000
36	0.00000	0.00000	-0.00806	-0.00010	-0.00001	0.00000
37	0.00000	0.00000	-0.00807	-0.00011	-0.00001	0.00000
38	0.00000	0.00000	-0.00805	-0.00010	-0.00001	0.00000
39	0.00000	0.00000	-0.00806	-0.00010	-0.00001	0.00000
40	0.00016	0.00000	-0.00010	-0.00001	0.00002	0.00000
41	0.00014	0.00000	-0.00008	-0.00001	0.00002	0.00000
42	-0.00001	0.00003	-0.00070	-0.00017	0.00003	0.00000
43	0.00000	0.00003	-0.00066	-0.00016	0.00001	0.00000
44	0.00016	0.00001	-0.00838	-0.00017	0.00002	0.00000
45	0.00017	-0.00001	-0.00796	-0.00007	0.00000	0.00000
46	0.00016	0.00001	-0.00836	-0.00017	0.00001	0.00000
47	0.00016	-0.00001	-0.00797	-0.00007	0.00001	0.00000
48	-0.00016	0.00001	-0.00817	-0.00014	-0.00002	0.00000
49	-0.00015	0.00000	-0.00775	-0.00004	-0.00004	0.00000
50	-0.00015	0.00001	-0.00816	-0.00014	-0.00003	0.00000
51	-0.00015	0.00000	-0.00776	-0.00004	-0.00004	0.00000
52	0.00014	0.00001	-0.00836	-0.00017	0.00001	0.00000
53	0.00015	-0.00001	-0.00794	-0.00006	-0.00001	0.00000
54	0.00014	0.00001	-0.00834	-0.00017	0.00001	0.00000
55	0.00014	-0.00001	-0.00795	-0.00007	0.00000	0.00000
56	-0.00014	0.00001	-0.00819	-0.00015	-0.00002	0.00000
57	-0.00013	0.00000	-0.00777	-0.00004	-0.00004	0.00000
58	-0.00013	0.00001	-0.00818	-0.00014	-0.00002	0.00000
59	-0.00013	0.00000	-0.00778	-0.00004	-0.00003	0.00000
60	0.00004	0.00003	-0.00879	-0.00028	0.00003	0.00000
61	-0.00005	0.00003	-0.00873	-0.00027	0.00001	0.00000
62	0.00003	0.00003	-0.00879	-0.00028	0.00003	0.00000
63	-0.00005	0.00003	-0.00874	-0.00028	0.00002	0.00000
64	0.00006	-0.00002	-0.00740	0.00006	-0.00004	0.00000
65	-0.00003	-0.00002	-0.00734	0.00007	-0.00005	0.00000
66	0.00006	-0.00002	-0.00739	0.00007	-0.00004	0.00000

67	-0.00002	-0.00002	-0.00734	0.00007	-0.00005	0.00000
68	0.00005	0.00003	-0.00875	-0.00027	0.00001	0.00000
69	-0.00004	0.00003	-0.00869	-0.00026	-0.00001	0.00000
70	0.00005	0.00003	-0.00875	-0.00027	0.00001	0.00000
71	-0.00004	0.00003	-0.00870	-0.00027	0.00000	0.00000
72	0.00005	-0.00002	-0.00744	0.00005	-0.00002	0.00000
73	-0.00004	-0.00002	-0.00737	0.00006	-0.00003	0.00000
74	0.00005	-0.00002	-0.00743	0.00006	-0.00002	0.00000
75	-0.00004	-0.00002	-0.00738	0.00006	-0.00003	0.00000
1	0.00000	0.00000	-0.00429	-0.00008	0.00001	0.00000
2	0.00000	0.00000	-0.00377	-0.00002	-0.00001	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00033	-0.00001	0.00000	0.00000
5	0.00001	0.00000	-0.00001	0.00000	0.00000	0.00000
6	-0.00001	0.00000	0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	-0.00006	-0.00002	0.00000	0.00000
8	0.00000	0.00000	0.00005	0.00001	0.00000	0.00000
9	0.00001	0.00001	-0.01099	-0.00014	0.00000	0.00000
10	0.00000	0.00001	-0.01097	-0.00014	0.00000	0.00000
11	0.00001	0.00001	-0.01103	-0.00016	0.00000	0.00000
12	0.00001	0.00000	-0.01094	-0.00013	0.00000	0.00000
13	0.00001	0.00001	-0.01098	-0.00015	0.00000	0.00000
14	0.00000	0.00001	-0.01097	-0.00015	0.00000	0.00000
15	0.00001	0.00001	-0.01102	-0.00016	0.00000	0.00000
16	0.00001	0.00000	-0.01093	-0.00013	0.00000	0.00000
17	0.00002	0.00001	-0.01073	-0.00014	0.00000	0.00000
18	0.00000	0.00001	-0.01071	-0.00014	0.00000	0.00000
19	0.00001	0.00001	-0.01081	-0.00017	0.00001	0.00000
20	0.00001	0.00000	-0.01065	-0.00012	-0.00001	0.00000
21	0.00001	0.00000	-0.00840	-0.00011	0.00000	0.00000
22	0.00000	0.00000	-0.00839	-0.00011	0.00000	0.00000
23	0.00001	0.00001	-0.00843	-0.00012	0.00000	0.00000
24	0.00001	0.00000	-0.00837	-0.00010	0.00000	0.00000
25	0.00001	0.00000	-0.00839	-0.00011	0.00000	0.00000
26	0.00000	0.00000	-0.00839	-0.00011	0.00000	0.00000
27	0.00001	0.00001	-0.00842	-0.00012	0.00000	0.00000
28	0.00001	0.00000	-0.00836	-0.00010	0.00000	0.00000
29	0.00001	0.00000	-0.00823	-0.00011	0.00000	0.00000
30	0.00000	0.00000	-0.00822	-0.00011	0.00000	0.00000
31	0.00000	0.00001	-0.00828	-0.00012	0.00000	0.00000
32	0.00001	0.00000	-0.00817	-0.00009	0.00000	0.00000
33	0.00000	0.00000	-0.00806	-0.00010	0.00000	0.00000
34	0.00001	0.00000	-0.00812	-0.00010	0.00000	0.00000
35	0.00001	0.00000	-0.00806	-0.00010	0.00000	0.00000
36	0.00000	0.00000	-0.00806	-0.00010	0.00000	0.00000
37	0.00000	0.00000	-0.00807	-0.00011	0.00000	0.00000
38	0.00001	0.00000	-0.00805	-0.00010	0.00000	0.00000
39	0.00000	0.00000	-0.00806	-0.00010	0.00000	0.00000
40	0.00016	0.00000	-0.00012	-0.00002	0.00002	0.00000

41	0.00014	0.00000	-0.00010	-0.00002	0.00001	0.00000
42	-0.00001	0.00003	-0.00074	-0.00019	0.00005	0.00000
43	0.00000	0.00003	-0.00068	-0.00017	0.00003	0.00000
44	0.00017	0.00001	-0.00840	-0.00018	0.00003	0.00000
45	0.00017	0.00000	-0.00796	-0.00007	0.00000	0.00000
46	0.00017	0.00001	-0.00838	-0.00017	0.00003	0.00000
47	0.00017	0.00000	-0.00798	-0.00007	0.00001	0.00000
48	-0.00016	0.00001	-0.00816	-0.00014	0.00000	0.00000
49	-0.00016	0.00000	-0.00771	-0.00003	-0.00003	0.00000
50	-0.00016	0.00001	-0.00814	-0.00013	-0.00001	0.00000
51	-0.00016	0.00000	-0.00773	-0.00003	-0.00003	0.00000
52	0.00014	0.00001	-0.00838	-0.00018	0.00003	0.00000
53	0.00015	-0.00001	-0.00793	-0.00006	0.00000	0.00000
54	0.00015	0.00001	-0.00836	-0.00017	0.00002	0.00000
55	0.00015	0.00000	-0.00795	-0.00007	0.00001	0.00000
56	-0.00014	0.00001	-0.00818	-0.00014	0.00000	0.00000
57	-0.00013	0.00000	-0.00774	-0.00003	-0.00003	0.00000
58	-0.00014	0.00001	-0.00816	-0.00014	-0.00001	0.00000
59	-0.00014	0.00000	-0.00775	-0.00003	-0.00002	0.00000
60	0.00004	0.00003	-0.00884	-0.00029	0.00006	0.00000
61	-0.00006	0.00003	-0.00877	-0.00028	0.00005	0.00000
62	0.00004	0.00003	-0.00883	-0.00029	0.00006	0.00000
63	-0.00005	0.00003	-0.00877	-0.00028	0.00005	0.00000
64	0.00007	-0.00002	-0.00735	0.00008	-0.00005	0.00000
65	-0.00003	-0.00002	-0.00728	0.00009	-0.00006	0.00000
66	0.00006	-0.00002	-0.00734	0.00008	-0.00005	0.00000
67	-0.00003	-0.00002	-0.00728	0.00009	-0.00006	0.00000
68	0.00005	0.00003	-0.00878	-0.00028	0.00003	0.00000
69	-0.00004	0.00003	-0.00870	-0.00027	0.00002	0.00000
70	0.00005	0.00003	-0.00877	-0.00028	0.00003	0.00000
71	-0.00004	0.00003	-0.00871	-0.00027	0.00002	0.00000
72	0.00005	-0.00002	-0.00741	0.00006	-0.00002	0.00000
73	-0.00004	-0.00002	-0.00734	0.00007	-0.00003	0.00000
74	0.00005	-0.00002	-0.00741	0.00006	-0.00002	0.00000
75	-0.00004	-0.00002	-0.00735	0.00007	-0.00003	0.00000

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GLOBAL

1	0.00000	0.00000	-0.00430	-0.00008	0.00001	0.00000
2	0.00000	0.00000	-0.00376	-0.00002	-0.00001	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00033	-0.00001	0.00000	0.00000
5	0.00001	0.00000	-0.00001	0.00000	0.00000	0.00000
6	-0.00001	0.00000	0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	-0.00006	-0.00002	0.00001	0.00000
8	0.00000	0.00000	0.00006	0.00002	-0.00001	0.00000
9	0.00001	0.00001	-0.01100	-0.00014	0.00001	0.00000
10	0.00000	0.00001	-0.01098	-0.00014	0.00001	0.00000
11	0.00001	0.00001	-0.01104	-0.00015	0.00002	0.00000
12	0.00001	0.00000	-0.01094	-0.00012	0.00001	0.00000
13	0.00001	0.00001	-0.01099	-0.00014	0.00002	0.00000
14	0.00000	0.00001	-0.01097	-0.00014	0.00001	0.00000

15	0.00001	0.00001	-0.01104	-0.00016	0.00002	0.00000
16	0.00001	0.00000	-0.01093	-0.00013	0.00001	0.00000
17	0.00002	0.00001	-0.01074	-0.00014	0.00002	0.00000
18	0.00000	0.00001	-0.01072	-0.00013	0.00001	0.00000
19	0.00001	0.00001	-0.01082	-0.00016	0.00002	0.00000
20	0.00001	0.00000	-0.01065	-0.00011	0.00000	0.00000
21	0.00001	0.00000	-0.00841	-0.00011	0.00001	0.00000
22	0.00000	0.00000	-0.00840	-0.00011	0.00001	0.00000
23	0.00001	0.00001	-0.00844	-0.00012	0.00001	0.00000
24	0.00001	0.00000	-0.00837	-0.00010	0.00001	0.00000
25	0.00001	0.00000	-0.00840	-0.00011	0.00001	0.00000
26	0.00000	0.00000	-0.00839	-0.00011	0.00001	0.00000
27	0.00001	0.00001	-0.00843	-0.00012	0.00001	0.00000
28	0.00001	0.00000	-0.00836	-0.00010	0.00001	0.00000
29	0.00001	0.00000	-0.00824	-0.00011	0.00001	0.00000
30	0.00000	0.00000	-0.00822	-0.00010	0.00001	0.00000
31	0.00000	0.00001	-0.00829	-0.00012	0.00002	0.00000
32	0.00001	0.00000	-0.00817	-0.00009	0.00000	0.00000
33	0.00001	0.00000	-0.00806	-0.00010	0.00001	0.00000
34	0.00001	0.00000	-0.00813	-0.00010	0.00001	0.00000
35	0.00001	0.00000	-0.00806	-0.00010	0.00001	0.00000
36	0.00000	0.00000	-0.00806	-0.00010	0.00001	0.00000
37	0.00001	0.00000	-0.00808	-0.00010	0.00001	0.00000
38	0.00001	0.00000	-0.00805	-0.00010	0.00001	0.00000
39	0.00001	0.00000	-0.00806	-0.00010	0.00001	0.00000
40	0.00017	0.00000	-0.00015	-0.00003	0.00003	0.00000
41	0.00015	0.00000	-0.00012	-0.00002	0.00003	0.00000
42	-0.00001	0.00003	-0.00081	-0.00020	0.00007	0.00000
43	0.00000	0.00003	-0.00072	-0.00018	0.00005	0.00000
44	0.00017	0.00001	-0.00845	-0.00019	0.00006	0.00000
45	0.00018	0.00000	-0.00797	-0.00007	0.00002	0.00000
46	0.00017	0.00001	-0.00843	-0.00018	0.00006	0.00000
47	0.00017	0.00000	-0.00799	-0.00007	0.00003	0.00000
48	-0.00017	0.00001	-0.00816	-0.00013	0.00000	0.00000
49	-0.00016	-0.00001	-0.00767	-0.00001	-0.00004	0.00000
50	-0.00016	0.00001	-0.00813	-0.00013	-0.00001	0.00000
51	-0.00016	-0.00001	-0.00770	-0.00002	-0.00004	0.00000
52	0.00015	0.00001	-0.00843	-0.00018	0.00006	0.00000
53	0.00016	0.00000	-0.00794	-0.00006	0.00002	0.00000
54	0.00015	0.00001	-0.00840	-0.00018	0.00005	0.00000
55	0.00015	0.00000	-0.00797	-0.00007	0.00003	0.00000
56	-0.00015	0.00001	-0.00819	-0.00014	0.00000	0.00000
57	-0.00014	0.00000	-0.00770	-0.00002	-0.00004	0.00000
58	-0.00014	0.00001	-0.00816	-0.00013	-0.00001	0.00000
59	-0.00014	0.00000	-0.00773	-0.00002	-0.00004	0.00000
60	0.00004	0.00003	-0.00892	-0.00031	0.00009	0.00000
61	-0.00006	0.00003	-0.00883	-0.00029	0.00007	0.00000
62	0.00004	0.00003	-0.00891	-0.00030	0.00009	0.00000
63	-0.00005	0.00003	-0.00884	-0.00029	0.00007	0.00000
64	0.00007	-0.00002	-0.00730	0.00009	-0.00005	0.00000

65	-0.00003	-0.00002	-0.00721	0.00011	-0.00007	0.00000
66	0.00006	-0.00002	-0.00729	0.00009	-0.00005	0.00000
67	-0.00003	-0.00002	-0.00722	0.00010	-0.00007	0.00000
68	0.00005	0.00003	-0.00883	-0.00029	0.00006	0.00000
69	-0.00005	0.00003	-0.00874	-0.00027	0.00004	0.00000
70	0.00005	0.00003	-0.00882	-0.00028	0.00006	0.00000
71	-0.00004	0.00003	-0.00875	-0.00027	0.00005	0.00000
72	0.00006	-0.00002	-0.00738	0.00007	-0.00003	0.00000
73	-0.00004	-0.00002	-0.00730	0.00009	-0.00005	0.00000
74	0.00005	-0.00002	-0.00738	0.00007	-0.00003	0.00000
75	-0.00004	-0.00002	-0.00730	0.00008	-0.00005	0.00000

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GLOBAL

1	0.00000	0.00000	-0.00432	-0.00008	0.00001	0.00000
2	0.00000	0.00000	-0.00376	-0.00002	-0.00001	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00034	-0.00001	0.00000	0.00000
5	0.00001	0.00000	-0.00001	0.00000	0.00000	0.00000
6	-0.00001	0.00000	0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	-0.00007	-0.00002	0.00001	0.00000
8	0.00000	0.00000	0.00006	0.00002	-0.00001	0.00000
9	0.00002	0.00001	-0.01101	-0.00014	0.00001	0.00000
10	0.00000	0.00001	-0.01099	-0.00013	0.00000	0.00000
11	0.00001	0.00001	-0.01106	-0.00015	0.00001	0.00000
12	0.00001	0.00000	-0.01094	-0.00012	0.00000	0.00000
13	0.00002	0.00001	-0.01101	-0.00014	0.00001	0.00000
14	0.00000	0.00001	-0.01099	-0.00014	0.00000	0.00000
15	0.00001	0.00001	-0.01106	-0.00016	0.00001	0.00000
16	0.00001	0.00000	-0.01094	-0.00012	0.00000	0.00000
17	0.00002	0.00001	-0.01076	-0.00013	0.00001	0.00000
18	0.00000	0.00001	-0.01073	-0.00013	0.00000	0.00000
19	0.00001	0.00001	-0.01085	-0.00016	0.00002	0.00000
20	0.00001	0.00000	-0.01065	-0.00011	-0.00001	0.00000
21	0.00001	0.00000	-0.00842	-0.00010	0.00001	0.00000
22	0.00000	0.00000	-0.00840	-0.00010	0.00000	0.00000
23	0.00001	0.00001	-0.00845	-0.00011	0.00001	0.00000
24	0.00001	0.00000	-0.00837	-0.00009	0.00000	0.00000
25	0.00001	0.00000	-0.00841	-0.00011	0.00001	0.00000
26	0.00000	0.00000	-0.00840	-0.00010	0.00000	0.00000
27	0.00001	0.00001	-0.00845	-0.00012	0.00001	0.00000
28	0.00001	0.00000	-0.00837	-0.00010	0.00000	0.00000
29	0.00001	0.00000	-0.00825	-0.00010	0.00001	0.00000
30	0.00000	0.00000	-0.00823	-0.00010	0.00000	0.00000
31	0.00000	0.00001	-0.00831	-0.00012	0.00001	0.00000
32	0.00001	0.00000	-0.00818	-0.00008	0.00000	0.00000
33	0.00001	0.00000	-0.00807	-0.00010	0.00000	0.00000
34	0.00001	0.00000	-0.00814	-0.00010	0.00000	0.00000
35	0.00001	0.00000	-0.00807	-0.00010	0.00000	0.00000
36	0.00000	0.00000	-0.00807	-0.00010	0.00000	0.00000
37	0.00001	0.00000	-0.00809	-0.00010	0.00001	0.00000
38	0.00001	0.00000	-0.00806	-0.00009	0.00000	0.00000

39	0.00001	0.00000	-0.00807	-0.00010	0.00000	0.00000
40	0.00017	0.00000	-0.00020	-0.00003	0.00007	0.00000
41	0.00015	0.00000	-0.00017	-0.00003	0.00006	0.00000
42	-0.00001	0.00003	-0.00089	-0.00021	0.00008	0.00000
43	0.00000	0.00003	-0.00078	-0.00018	0.00006	0.00000
44	0.00018	0.00002	-0.00854	-0.00019	0.00010	0.00000
45	0.00018	0.00000	-0.00801	-0.00007	0.00005	0.00000
46	0.00018	0.00001	-0.00851	-0.00019	0.00009	0.00000
47	0.00018	0.00000	-0.00804	-0.00008	0.00005	0.00000
48	-0.00017	0.00001	-0.00814	-0.00013	-0.00004	0.00000
49	-0.00016	-0.00001	-0.00760	0.00000	-0.00009	0.00000
50	-0.00017	0.00001	-0.00811	-0.00012	-0.00005	0.00000
51	-0.00017	-0.00001	-0.00764	-0.00001	-0.00008	0.00000
52	0.00015	0.00001	-0.00851	-0.00019	0.00009	0.00000
53	0.00016	0.00000	-0.00798	-0.00006	0.00004	0.00000
54	0.00016	0.00001	-0.00848	-0.00018	0.00009	0.00000
55	0.00016	0.00000	-0.00801	-0.00007	0.00005	0.00000
56	-0.00015	0.00001	-0.00817	-0.00013	-0.00004	0.00000
57	-0.00014	-0.00001	-0.00763	-0.00001	-0.00008	0.00000
58	-0.00015	0.00001	-0.00814	-0.00012	-0.00004	0.00000
59	-0.00015	0.00000	-0.00767	-0.00001	-0.00008	0.00000
60	0.00004	0.00003	-0.00903	-0.00032	0.00011	0.00000
61	-0.00006	0.00003	-0.00891	-0.00030	0.00007	0.00000
62	0.00004	0.00003	-0.00902	-0.00031	0.00011	0.00000
63	-0.00005	0.00003	-0.00891	-0.00030	0.00007	0.00000
64	0.00007	-0.00002	-0.00724	0.00010	-0.00006	0.00000
65	-0.00003	-0.00003	-0.00712	0.00012	-0.00010	0.00000
66	0.00007	-0.00003	-0.00723	0.00010	-0.00006	0.00000
67	-0.00003	-0.00003	-0.00713	0.00012	-0.00010	0.00000
68	0.00006	0.00003	-0.00892	-0.00029	0.00008	0.00000
69	-0.00005	0.00003	-0.00879	-0.00027	0.00004	0.00000
70	0.00005	0.00003	-0.00891	-0.00029	0.00008	0.00000
71	-0.00004	0.00003	-0.00880	-0.00027	0.00004	0.00000
72	0.00006	-0.00002	-0.00735	0.00008	-0.00004	0.00000
73	-0.00005	-0.00002	-0.00723	0.00010	-0.00008	0.00000
74	0.00005	-0.00002	-0.00734	0.00008	-0.00004	0.00000
75	-0.00004	-0.00002	-0.00724	0.00009	-0.00008	0.00000

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GLOBAL

1	0.00000	0.00000	-0.00430	-0.00008	-0.00002	0.00000
2	0.00000	0.00000	-0.00372	-0.00002	-0.00003	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00033	-0.00001	0.00000	0.00000
5	0.00001	0.00000	-0.00002	0.00000	0.00000	0.00000
6	-0.00001	0.00000	0.00002	0.00000	0.00000	0.00000
7	0.00000	0.00000	-0.00009	-0.00002	0.00001	0.00000
8	0.00000	0.00000	0.00009	0.00002	-0.00001	0.00000
9	0.00002	0.00000	-0.01095	-0.00015	-0.00007	0.00000
10	0.00000	0.00000	-0.01091	-0.00014	-0.00008	0.00000
11	0.00001	0.00001	-0.01101	-0.00017	-0.00006	0.00000
12	0.00001	0.00000	-0.01086	-0.00012	-0.00009	0.00000

13	0.00002	0.00000	-0.01095	-0.00015	-0.00007	0.00000
14	0.00000	0.00000	-0.01091	-0.00015	-0.00007	0.00000
15	0.00001	0.00001	-0.01101	-0.00017	-0.00006	0.00000
16	0.00001	0.00000	-0.01085	-0.00013	-0.00008	0.00000
17	0.00002	0.00000	-0.01071	-0.00014	-0.00006	0.00000
18	0.00000	0.00000	-0.01065	-0.00014	-0.00007	0.00000
19	0.00001	0.00001	-0.01082	-0.00018	-0.00005	0.00000
20	0.00001	0.00000	-0.01055	-0.00011	-0.00009	0.00000
21	0.00001	0.00000	-0.00837	-0.00011	-0.00005	0.00000
22	0.00000	0.00000	-0.00835	-0.00011	-0.00006	0.00000
23	0.00001	0.00001	-0.00841	-0.00012	-0.00005	0.00000
24	0.00001	0.00000	-0.00831	-0.00010	-0.00006	0.00000
25	0.00001	0.00000	-0.00837	-0.00011	-0.00005	0.00000
26	0.00000	0.00000	-0.00835	-0.00011	-0.00006	0.00000
27	0.00001	0.00001	-0.00841	-0.00013	-0.00005	0.00000
28	0.00001	0.00000	-0.00831	-0.00010	-0.00006	0.00000
29	0.00001	0.00000	-0.00821	-0.00011	-0.00005	0.00000
30	0.00000	0.00000	-0.00817	-0.00011	-0.00006	0.00000
31	0.00001	0.00001	-0.00828	-0.00013	-0.00004	0.00000
32	0.00001	0.00000	-0.00811	-0.00009	-0.00007	0.00000
33	0.00001	0.00000	-0.00803	-0.00010	-0.00005	0.00000
34	0.00001	0.00000	-0.00809	-0.00011	-0.00005	0.00000
35	0.00001	0.00000	-0.00803	-0.00010	-0.00005	0.00000
36	0.00000	0.00000	-0.00802	-0.00010	-0.00005	0.00000
37	0.00001	0.00000	-0.00804	-0.00011	-0.00005	0.00000
38	0.00001	0.00000	-0.00801	-0.00010	-0.00005	0.00000
39	0.00001	0.00000	-0.00803	-0.00010	-0.00005	0.00000
40	0.00018	0.00000	-0.00039	-0.00004	0.00009	0.00000
41	0.00016	0.00000	-0.00036	-0.00004	0.00009	0.00000
42	-0.00002	0.00004	-0.00107	-0.00026	0.00011	0.00001
43	0.00000	0.00003	-0.00092	-0.00022	0.00008	0.00000
44	0.00018	0.00001	-0.00874	-0.00023	0.00007	0.00000
45	0.00019	-0.00001	-0.00810	-0.00007	0.00001	0.00000
46	0.00019	0.00001	-0.00869	-0.00021	0.00006	0.00000
47	0.00019	-0.00001	-0.00814	-0.00008	0.00001	0.00000
48	-0.00018	0.00001	-0.00796	-0.00014	-0.00010	0.00000
49	-0.00017	-0.00001	-0.00731	0.00002	-0.00017	0.00000
50	-0.00017	0.00001	-0.00791	-0.00012	-0.00011	0.00000
51	-0.00017	-0.00001	-0.00736	0.00001	-0.00016	0.00000
52	0.00016	0.00001	-0.00871	-0.00022	0.00007	0.00000
53	0.00017	-0.00001	-0.00806	-0.00007	0.00001	0.00000
54	0.00016	0.00001	-0.00866	-0.00021	0.00007	0.00000
55	0.00016	-0.00001	-0.00811	-0.00008	0.00002	0.00000
56	-0.00016	0.00002	-0.00799	-0.00014	-0.00011	0.00000
57	-0.00015	-0.00001	-0.00735	0.00001	-0.00017	0.00000
58	-0.00015	0.00001	-0.00795	-0.00013	-0.00011	0.00000
59	-0.00015	-0.00001	-0.00739	0.00000	-0.00016	0.00000
60	0.00004	0.00004	-0.00922	-0.00037	0.00008	0.00001
61	-0.00006	0.00004	-0.00898	-0.00035	0.00003	0.00001
62	0.00004	0.00004	-0.00921	-0.00037	0.00008	0.00001

63	-0.00006	0.00004	-0.00899	-0.00035	0.00003	0.00000
64	0.00008	-0.00003	-0.00707	0.00014	-0.00013	-0.00001
65	-0.00003	-0.00003	-0.00683	0.00017	-0.00018	-0.00001
66	0.00007	-0.00003	-0.00706	0.00014	-0.00013	-0.00001
67	-0.00003	-0.00003	-0.00684	0.00017	-0.00018	-0.00001
68	0.00006	0.00003	-0.00907	-0.00034	0.00006	0.00000
69	-0.00005	0.00003	-0.00883	-0.00031	0.00001	0.00000
70	0.00005	0.00003	-0.00906	-0.00034	0.00006	0.00000
71	-0.00004	0.00003	-0.00884	-0.00031	0.00001	0.00000
72	0.00006	-0.00003	-0.00722	0.00010	-0.00011	0.00000
73	-0.00005	-0.00003	-0.00699	0.00013	-0.00016	0.00000
74	0.00006	-0.00003	-0.00721	0.00010	-0.00011	0.00000
75	-0.00004	-0.00003	-0.00700	0.00013	-0.00016	0.00000

92 GLOBAL

1	0.00000	0.00000	-0.00428	-0.00009	-0.00002	0.00000
2	0.00000	0.00000	-0.00369	-0.00002	-0.00003	0.00000
3	0.00000	0.00000	-0.00016	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00033	-0.00001	0.00000	0.00000
5	0.00001	0.00000	-0.00002	0.00000	0.00000	0.00000
6	-0.00001	0.00000	0.00002	0.00000	0.00000	0.00000
7	0.00000	0.00000	-0.00011	-0.00003	0.00002	0.00000
8	0.00000	0.00000	0.00010	0.00003	-0.00002	0.00000
9	0.00002	0.00000	-0.01087	-0.00016	-0.00007	0.00000
10	0.00000	0.00000	-0.01083	-0.00016	-0.00007	0.00000
11	0.00001	0.00001	-0.01095	-0.00018	-0.00006	0.00000
12	0.00001	0.00000	-0.01076	-0.00013	-0.00009	0.00000
13	0.00002	0.00000	-0.01087	-0.00016	-0.00007	0.00000
14	0.00000	0.00000	-0.01083	-0.00016	-0.00007	0.00000
15	0.00001	0.00001	-0.01095	-0.00019	-0.00005	0.00000
16	0.00001	0.00000	-0.01076	-0.00014	-0.00009	0.00000
17	0.00002	0.00000	-0.01064	-0.00016	-0.00006	0.00000
18	0.00000	0.00000	-0.01057	-0.00015	-0.00007	0.00000
19	0.00001	0.00001	-0.01077	-0.00020	-0.00004	0.00000
20	0.00001	0.00000	-0.01045	-0.00011	-0.00009	0.00000
21	0.00001	0.00000	-0.00831	-0.00012	-0.00005	0.00000
22	0.00000	0.00000	-0.00828	-0.00012	-0.00006	0.00000
23	0.00001	0.00001	-0.00836	-0.00014	-0.00004	0.00000
24	0.00001	0.00000	-0.00823	-0.00010	-0.00007	0.00000
25	0.00001	0.00000	-0.00831	-0.00012	-0.00005	0.00000
26	0.00000	0.00000	-0.00828	-0.00012	-0.00005	0.00000
27	0.00001	0.00001	-0.00836	-0.00014	-0.00004	0.00000
28	0.00001	0.00000	-0.00823	-0.00011	-0.00006	0.00000
29	0.00001	0.00000	-0.00816	-0.00012	-0.00005	0.00000
30	0.00000	0.00000	-0.00811	-0.00011	-0.00005	0.00000
31	0.00001	0.00001	-0.00824	-0.00015	-0.00003	0.00000
32	0.00001	0.00000	-0.00803	-0.00009	-0.00007	0.00000
33	0.00001	0.00000	-0.00797	-0.00011	-0.00005	0.00000
34	0.00001	0.00000	-0.00804	-0.00011	-0.00005	0.00000
35	0.00001	0.00000	-0.00798	-0.00011	-0.00005	0.00000
36	0.00001	0.00000	-0.00797	-0.00011	-0.00005	0.00000

37	0.00001	0.00000	-0.00799	-0.00012	-0.00004	0.00000
38	0.00001	0.00000	-0.00795	-0.00011	-0.00005	0.00000
39	0.00001	0.00000	-0.00797	-0.00011	-0.00005	0.00000
40	0.00018	0.00000	-0.00048	-0.00005	0.00007	0.00000
41	0.00016	0.00000	-0.00045	-0.00005	0.00008	0.00000
42	-0.00002	0.00004	-0.00121	-0.00030	0.00013	0.00001
43	0.00000	0.00004	-0.00103	-0.00025	0.00011	0.00001
44	0.00018	0.00002	-0.00881	-0.00025	0.00006	0.00001
45	0.00019	-0.00001	-0.00809	-0.00007	-0.00002	0.00000
46	0.00019	0.00002	-0.00876	-0.00024	0.00005	0.00000
47	0.00019	-0.00001	-0.00814	-0.00008	-0.00001	0.00000
48	-0.00018	0.00001	-0.00785	-0.00015	-0.00008	0.00000
49	-0.00017	-0.00001	-0.00713	0.00003	-0.00016	-0.00001
50	-0.00018	0.00001	-0.00780	-0.00014	-0.00009	0.00000
51	-0.00017	-0.00001	-0.00718	0.00001	-0.00015	-0.00001
52	0.00016	0.00002	-0.00878	-0.00025	0.00007	0.00001
53	0.00017	-0.00001	-0.00806	-0.00007	-0.00001	0.00000
54	0.00016	0.00002	-0.00873	-0.00024	0.00006	0.00000
55	0.00016	-0.00001	-0.00811	-0.00008	0.00000	0.00000
56	-0.00016	0.00001	-0.00788	-0.00015	-0.00009	0.00000
57	-0.00015	-0.00001	-0.00716	0.00003	-0.00017	-0.00001
58	-0.00015	0.00001	-0.00783	-0.00014	-0.00010	0.00000
59	-0.00015	-0.00001	-0.00721	0.00001	-0.00016	-0.00001
60	0.00005	0.00005	-0.00932	-0.00043	0.00011	0.00001
61	-0.00006	0.00005	-0.00903	-0.00040	0.00006	0.00001
62	0.00004	0.00005	-0.00931	-0.00043	0.00011	0.00001
63	-0.00006	0.00005	-0.00904	-0.00040	0.00006	0.00001
64	0.00008	-0.00004	-0.00691	0.00017	-0.00016	-0.00001
65	-0.00003	-0.00004	-0.00662	0.00020	-0.00020	-0.00001
66	0.00007	-0.00004	-0.00690	0.00017	-0.00016	-0.00001
67	-0.00002	-0.00004	-0.00663	0.00020	-0.00021	-0.00001
68	0.00006	0.00004	-0.00914	-0.00038	0.00008	0.00001
69	-0.00005	0.00004	-0.00885	-0.00035	0.00004	0.00000
70	0.00005	0.00004	-0.00913	-0.00038	0.00008	0.00001
71	-0.00004	0.00004	-0.00886	-0.00035	0.00003	0.00000
72	0.00006	-0.00003	-0.00709	0.00013	-0.00013	0.00000
73	-0.00005	-0.00003	-0.00680	0.00016	-0.00018	-0.00001
74	0.00006	-0.00003	-0.00708	0.00013	-0.00013	0.00000
75	-0.00004	-0.00003	-0.00681	0.00016	-0.00018	-0.00001

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GLOBAL

1	0.00000	0.00000	-0.00427	-0.00010	0.00000	0.00000
2	0.00000	0.00000	-0.00366	-0.00002	-0.00003	0.00000
3	0.00000	0.00000	-0.00016	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00032	-0.00001	0.00000	0.00000
5	0.00001	0.00000	-0.00003	0.00000	0.00000	0.00000
6	-0.00001	0.00000	0.00003	0.00000	0.00000	0.00000
7	0.00000	0.00000	-0.00013	-0.00003	0.00002	0.00000
8	0.00000	0.00000	0.00013	0.00003	-0.00002	0.00000
9	0.00002	0.00000	-0.01081	-0.00018	-0.00004	0.00000
10	0.00000	0.00000	-0.01076	-0.00017	-0.00004	0.00000

11	0.00001	0.00001	-0.01090	-0.00020	-0.00002	0.00000
12	0.00001	0.00000	-0.01067	-0.00014	-0.00006	0.00000
13	0.00002	0.00000	-0.01081	-0.00018	-0.00004	0.00000
14	0.00000	0.00000	-0.01077	-0.00017	-0.00004	0.00000
15	0.00001	0.00001	-0.01091	-0.00020	-0.00002	0.00000
16	0.00001	0.00000	-0.01067	-0.00015	-0.00006	0.00000
17	0.00002	0.00000	-0.01059	-0.00017	-0.00003	0.00000
18	0.00000	0.00000	-0.01051	-0.00016	-0.00004	0.00000
19	0.00001	0.00001	-0.01074	-0.00022	-0.00001	0.00000
20	0.00001	0.00000	-0.01036	-0.00012	-0.00007	0.00000
21	0.00001	0.00000	-0.00826	-0.00013	-0.00003	0.00000
22	0.00000	0.00000	-0.00823	-0.00013	-0.00003	0.00000
23	0.00001	0.00001	-0.00833	-0.00015	-0.00002	0.00000
24	0.00001	0.00000	-0.00817	-0.00011	-0.00005	0.00000
25	0.00001	0.00000	-0.00827	-0.00013	-0.00003	0.00000
26	0.00000	0.00000	-0.00823	-0.00013	-0.00003	0.00000
27	0.00001	0.00001	-0.00833	-0.00015	-0.00002	0.00000
28	0.00001	0.00000	-0.00817	-0.00011	-0.00004	0.00000
29	0.00002	0.00000	-0.00811	-0.00013	-0.00003	0.00000
30	0.00000	0.00000	-0.00806	-0.00012	-0.00003	0.00000
31	0.00001	0.00001	-0.00822	-0.00016	-0.00001	0.00000
32	0.00001	0.00000	-0.00796	-0.00010	-0.00005	0.00000
33	0.00001	0.00000	-0.00793	-0.00012	-0.00003	0.00000
34	0.00001	0.00000	-0.00799	-0.00012	-0.00003	0.00000
35	0.00001	0.00000	-0.00793	-0.00012	-0.00003	0.00000
36	0.00001	0.00000	-0.00792	-0.00012	-0.00003	0.00000
37	0.00001	0.00000	-0.00795	-0.00013	-0.00002	0.00000
38	0.00001	0.00000	-0.00790	-0.00011	-0.00003	0.00000
39	0.00001	0.00000	-0.00793	-0.00012	-0.00003	0.00000
40	0.00018	0.00001	-0.00055	-0.00005	0.00007	0.00000
41	0.00016	0.00001	-0.00054	-0.00005	0.00008	0.00000
42	-0.00002	0.00005	-0.00137	-0.00034	0.00016	0.00001
43	0.00000	0.00004	-0.00116	-0.00029	0.00013	0.00001
44	0.00018	0.00002	-0.00889	-0.00028	0.00009	0.00001
45	0.00019	-0.00001	-0.00807	-0.00007	-0.00001	0.00000
46	0.00019	0.00002	-0.00883	-0.00026	0.00008	0.00000
47	0.00019	0.00000	-0.00813	-0.00009	0.00000	0.00000
48	-0.00018	0.00001	-0.00778	-0.00017	-0.00005	0.00000
49	-0.00017	-0.00002	-0.00696	0.00003	-0.00014	0.00000
50	-0.00018	0.00001	-0.00772	-0.00016	-0.00006	0.00000
51	-0.00017	-0.00002	-0.00703	0.00002	-0.00013	0.00000
52	0.00016	0.00002	-0.00888	-0.00028	0.00010	0.00001
53	0.00017	-0.00001	-0.00805	-0.00007	0.00000	0.00000
54	0.00016	0.00002	-0.00881	-0.00026	0.00009	0.00000
55	0.00017	0.00000	-0.00812	-0.00009	0.00001	0.00000
56	-0.00016	0.00001	-0.00780	-0.00017	-0.00006	0.00000
57	-0.00015	-0.00002	-0.00698	0.00004	-0.00016	-0.00001
58	-0.00015	0.00001	-0.00774	-0.00015	-0.00007	0.00000
59	-0.00015	-0.00002	-0.00704	0.00002	-0.00015	0.00000
60	0.00005	0.00006	-0.00946	-0.00048	0.00015	0.00001

61	-0.00006	0.00005	-0.00913	-0.00045	0.00011	0.00001
62	0.00004	0.00006	-0.00946	-0.00048	0.00016	0.00001
63	-0.00006	0.00005	-0.00913	-0.00045	0.00011	0.00001
64	0.00008	-0.00005	-0.00672	0.00020	-0.00017	-0.00001
65	-0.00003	-0.00005	-0.00639	0.00024	-0.00021	-0.00001
66	0.00007	-0.00005	-0.00672	0.00020	-0.00017	-0.00001
67	-0.00002	-0.00005	-0.00640	0.00024	-0.00021	-0.00001
68	0.00006	0.00005	-0.00925	-0.00042	0.00012	0.00001
69	-0.00005	0.00004	-0.00892	-0.00039	0.00008	0.00001
70	0.00005	0.00005	-0.00925	-0.00042	0.00013	0.00001
71	-0.00004	0.00004	-0.00892	-0.00039	0.00008	0.00001
72	0.00006	-0.00004	-0.00694	0.00015	-0.00014	-0.00001
73	-0.00005	-0.00004	-0.00660	0.00018	-0.00018	-0.00001
74	0.00006	-0.00004	-0.00693	0.00015	-0.00013	-0.00001
75	-0.00004	-0.00004	-0.00661	0.00018	-0.00018	-0.00001

94 GLOBAL

1	0.00000	0.00000	-0.00429	-0.00010	0.00003	0.00000
2	0.00000	0.00000	-0.00362	-0.00003	-0.00003	0.00000
3	0.00000	0.00000	-0.00016	-0.00001	0.00000	0.00000
4	0.00000	0.00000	-0.00032	-0.00001	0.00000	0.00000
5	0.00001	0.00000	-0.00003	0.00000	0.00000	0.00000
6	-0.00001	0.00000	0.00003	0.00000	0.00000	0.00000
7	0.00000	0.00001	-0.00016	-0.00004	0.00002	0.00000
8	0.00000	-0.00001	0.00015	0.00004	-0.00003	0.00000
9	0.00002	0.00001	-0.01079	-0.00019	0.00000	0.00000
10	0.00000	0.00000	-0.01074	-0.00018	0.00000	0.00000
11	0.00001	0.00001	-0.01090	-0.00022	0.00002	0.00000
12	0.00001	0.00000	-0.01062	-0.00015	-0.00002	0.00000
13	0.00002	0.00001	-0.01080	-0.00019	0.00001	0.00000
14	0.00000	0.00000	-0.01074	-0.00018	0.00000	0.00000
15	0.00001	0.00001	-0.01091	-0.00022	0.00002	0.00000
16	0.00001	0.00000	-0.01063	-0.00015	-0.00002	0.00000
17	0.00002	0.00001	-0.01057	-0.00018	0.00001	0.00000
18	0.00000	0.00000	-0.01048	-0.00017	0.00000	0.00000
19	0.00001	0.00001	-0.01076	-0.00024	0.00004	0.00000
20	0.00001	0.00000	-0.01030	-0.00012	-0.00004	0.00000
21	0.00001	0.00000	-0.00825	-0.00014	0.00000	0.00000
22	0.00000	0.00000	-0.00821	-0.00014	0.00000	0.00000
23	0.00001	0.00001	-0.00832	-0.00016	0.00001	0.00000
24	0.00001	0.00000	-0.00814	-0.00012	-0.00002	0.00000
25	0.00001	0.00000	-0.00825	-0.00015	0.00000	0.00000
26	0.00000	0.00000	-0.00822	-0.00014	0.00000	0.00000
27	0.00001	0.00001	-0.00833	-0.00017	0.00002	0.00000
28	0.00001	0.00000	-0.00814	-0.00012	-0.00001	0.00000
29	0.00002	0.00000	-0.00810	-0.00014	0.00000	0.00000
30	0.00000	0.00000	-0.00804	-0.00013	0.00000	0.00000
31	0.00001	0.00001	-0.00823	-0.00017	0.00002	0.00000
32	0.00001	0.00000	-0.00792	-0.00010	-0.00003	0.00000
33	0.00001	0.00000	-0.00791	-0.00013	0.00000	0.00000
34	0.00001	0.00000	-0.00798	-0.00013	0.00000	0.00000

35	0.00001	0.00000	-0.00792	-0.00013	0.00000	0.00000
36	0.00001	0.00000	-0.00790	-0.00013	0.00000	0.00000
37	0.00001	0.00000	-0.00794	-0.00014	0.00000	0.00000
38	0.00001	0.00000	-0.00788	-0.00012	-0.00001	0.00000
39	0.00001	0.00000	-0.00791	-0.00013	0.00000	0.00000
40	0.00018	0.00001	-0.00063	-0.00006	0.00007	0.00000
41	0.00016	0.00001	-0.00063	-0.00006	0.00009	0.00000
42	-0.00002	0.00006	-0.00156	-0.00038	0.00019	0.00001
43	0.00000	0.00005	-0.00131	-0.00032	0.00015	0.00001
44	0.00019	0.00003	-0.00901	-0.00030	0.00013	0.00000
45	0.00020	-0.00001	-0.00807	-0.00007	0.00002	0.00000
46	0.00019	0.00003	-0.00893	-0.00028	0.00012	0.00000
47	0.00019	0.00000	-0.00815	-0.00009	0.00003	0.00000
48	-0.00018	0.00001	-0.00775	-0.00019	-0.00002	0.00000
49	-0.00017	-0.00002	-0.00681	0.00004	-0.00013	0.00000
50	-0.00018	0.00001	-0.00767	-0.00017	-0.00003	0.00000
51	-0.00017	-0.00002	-0.00689	0.00002	-0.00012	0.00000
52	0.00016	0.00003	-0.00901	-0.00031	0.00014	0.00000
53	0.00017	-0.00001	-0.00807	-0.00008	0.00003	0.00000
54	0.00017	0.00003	-0.00894	-0.00029	0.00013	0.00000
55	0.00017	0.00000	-0.00815	-0.00010	0.00004	0.00000
56	-0.00016	0.00001	-0.00775	-0.00018	-0.00003	0.00000
57	-0.00015	-0.00002	-0.00681	0.00005	-0.00015	0.00000
58	-0.00015	0.00001	-0.00767	-0.00017	-0.00005	0.00000
59	-0.00015	-0.00002	-0.00689	0.00003	-0.00014	0.00000
60	0.00005	0.00007	-0.00966	-0.00053	0.00021	0.00001
61	-0.00006	0.00006	-0.00928	-0.00050	0.00016	0.00001
62	0.00004	0.00007	-0.00966	-0.00053	0.00021	0.00001
63	-0.00006	0.00006	-0.00928	-0.00050	0.00016	0.00001
64	0.00008	-0.00005	-0.00654	0.00024	-0.00016	-0.00001
65	-0.00003	-0.00006	-0.00616	0.00027	-0.00021	-0.00001
66	0.00007	-0.00005	-0.00654	0.00023	-0.00016	-0.00001
67	-0.00002	-0.00006	-0.00616	0.00027	-0.00021	-0.00001
68	0.00006	0.00005	-0.00941	-0.00047	0.00017	0.00001
69	-0.00005	0.00005	-0.00903	-0.00043	0.00013	0.00001
70	0.00005	0.00005	-0.00941	-0.00047	0.00018	0.00001
71	-0.00004	0.00005	-0.00903	-0.00043	0.00012	0.00001
72	0.00007	-0.00004	-0.00679	0.00017	-0.00013	-0.00001
73	-0.00004	-0.00005	-0.00641	0.00021	-0.00017	-0.00001
74	0.00006	-0.00004	-0.00679	0.00017	-0.00012	-0.00001
75	-0.00004	-0.00005	-0.00641	0.00021	-0.00018	-0.00001

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GLOBAL

1	0.00000	0.00000	-0.00433	-0.00011	0.00005	0.00000
2	0.00000	0.00000	-0.00360	-0.00003	-0.00002	0.00000
3	0.00000	0.00000	-0.00016	-0.00001	0.00000	0.00000
4	0.00000	0.00000	-0.00033	-0.00001	0.00001	0.00000
5	0.00001	0.00000	-0.00003	0.00000	0.00000	0.00000
6	-0.00001	0.00000	0.00003	0.00001	0.00000	0.00000
7	0.00000	0.00001	-0.00018	-0.00004	0.00003	0.00000
8	0.00000	-0.00001	0.00018	0.00004	-0.00003	0.00000

9	0.00002	0.00001	-0.01081	-0.00020	0.00004	0.00000
10	0.00000	0.00001	-0.01075	-0.00020	0.00003	0.00000
11	0.00001	0.00001	-0.01095	-0.00024	0.00006	0.00000
12	0.00001	0.00000	-0.01062	-0.00016	0.00001	0.00000
13	0.00002	0.00001	-0.01082	-0.00021	0.00004	0.00000
14	0.00000	0.00001	-0.01076	-0.00020	0.00004	0.00000
15	0.00001	0.00001	-0.01096	-0.00024	0.00006	0.00000
16	0.00001	0.00000	-0.01063	-0.00016	0.00001	0.00000
17	0.00002	0.00001	-0.01060	-0.00020	0.00004	0.00000
18	0.00000	0.00000	-0.01050	-0.00018	0.00003	0.00000
19	0.00001	0.00001	-0.01082	-0.00025	0.00007	0.00000
20	0.00001	0.00000	-0.01027	-0.00013	-0.00001	0.00000
21	0.00001	0.00000	-0.00826	-0.00015	0.00003	0.00000
22	0.00000	0.00000	-0.00822	-0.00015	0.00003	0.00000
23	0.00001	0.00001	-0.00835	-0.00018	0.00004	0.00000
24	0.00001	0.00000	-0.00813	-0.00013	0.00001	0.00000
25	0.00001	0.00000	-0.00827	-0.00016	0.00003	0.00000
26	0.00000	0.00000	-0.00823	-0.00015	0.00003	0.00000
27	0.00001	0.00001	-0.00836	-0.00018	0.00004	0.00000
28	0.00001	0.00000	-0.00814	-0.00013	0.00001	0.00000
29	0.00002	0.00000	-0.00812	-0.00015	0.00003	0.00000
30	0.00000	0.00000	-0.00806	-0.00014	0.00002	0.00000
31	0.00001	0.00001	-0.00827	-0.00019	0.00005	0.00000
32	0.00001	0.00000	-0.00790	-0.00010	0.00000	0.00000
33	0.00001	0.00000	-0.00792	-0.00014	0.00002	0.00000
34	0.00001	0.00000	-0.00799	-0.00014	0.00003	0.00000
35	0.00001	0.00000	-0.00793	-0.00014	0.00002	0.00000
36	0.00001	0.00000	-0.00792	-0.00014	0.00002	0.00000
37	0.00001	0.00000	-0.00796	-0.00015	0.00003	0.00000
38	0.00001	0.00000	-0.00789	-0.00013	0.00002	0.00000
39	0.00001	0.00000	-0.00792	-0.00014	0.00002	0.00000
40	0.00018	0.00000	-0.00072	-0.00006	0.00009	-0.00001
41	0.00016	0.00001	-0.00074	-0.00007	0.00010	0.00000
42	-0.00002	0.00007	-0.00177	-0.00043	0.00020	0.00001
43	0.00000	0.00005	-0.00149	-0.00035	0.00016	0.00000
44	0.00019	0.00003	-0.00917	-0.00033	0.00017	0.00000
45	0.00020	-0.00001	-0.00811	-0.00007	0.00005	-0.00001
46	0.00019	0.00002	-0.00909	-0.00030	0.00016	0.00000
47	0.00019	-0.00001	-0.00820	-0.00009	0.00006	-0.00001
48	-0.00018	0.00002	-0.00774	-0.00021	0.00000	0.00001
49	-0.00017	-0.00002	-0.00667	0.00005	-0.00012	0.00000
50	-0.00018	0.00002	-0.00765	-0.00019	-0.00002	0.00001
51	-0.00018	-0.00002	-0.00676	0.00003	-0.00011	0.00001
52	0.00016	0.00003	-0.00919	-0.00033	0.00019	0.00000
53	0.00017	-0.00001	-0.00813	-0.00008	0.00007	-0.00001
54	0.00017	0.00003	-0.00911	-0.00031	0.00018	0.00000
55	0.00017	-0.00001	-0.00822	-0.00010	0.00008	-0.00001
56	-0.00016	0.00002	-0.00772	-0.00020	-0.00002	0.00001
57	-0.00015	-0.00002	-0.00665	0.00006	-0.00014	0.00000
58	-0.00015	0.00001	-0.00763	-0.00018	-0.00003	0.00001

59	-0.00015	-0.00002	-0.00674	0.00003	-0.00013	0.00000
60	0.00005	0.00007	-0.00991	-0.00058	0.00025	0.00000
61	-0.00006	0.00007	-0.00948	-0.00055	0.00020	0.00001
62	0.00004	0.00007	-0.00992	-0.00059	0.00025	0.00001
63	-0.00006	0.00007	-0.00948	-0.00054	0.00019	0.00001
64	0.00008	-0.00006	-0.00637	0.00027	-0.00015	-0.00001
65	-0.00003	-0.00007	-0.00594	0.00030	-0.00020	0.00000
66	0.00007	-0.00006	-0.00637	0.00027	-0.00014	-0.00001
67	-0.00002	-0.00007	-0.00593	0.00031	-0.00021	0.00000
68	0.00006	0.00006	-0.00963	-0.00051	0.00021	0.00000
69	-0.00005	0.00006	-0.00919	-0.00048	0.00016	0.00001
70	0.00005	0.00006	-0.00963	-0.00051	0.00022	0.00000
71	-0.00004	0.00006	-0.00919	-0.00047	0.00016	0.00001
72	0.00007	-0.00005	-0.00665	0.00020	-0.00011	-0.00001
73	-0.00004	-0.00005	-0.00622	0.00023	-0.00017	0.00000
74	0.00006	-0.00005	-0.00666	0.00019	-0.00011	-0.00001
75	-0.00004	-0.00005	-0.00622	0.00023	-0.00017	0.00000

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GLOBAL

1	0.00000	0.00000	-0.00430	0.00011	-0.00005	0.00000
2	0.00000	0.00000	-0.00355	0.00003	0.00002	0.00000
3	0.00000	0.00000	-0.00015	0.00001	0.00000	0.00000
4	0.00000	0.00000	-0.00032	0.00001	-0.00001	0.00000
5	0.00000	0.00000	0.00003	-0.00001	0.00000	0.00000
6	0.00000	0.00000	-0.00004	0.00001	0.00000	0.00000
7	0.00000	0.00000	0.00018	-0.00004	0.00002	0.00000
8	0.00000	0.00000	-0.00018	0.00004	-0.00002	0.00000
9	0.00000	0.00000	-0.01065	0.00020	-0.00004	0.00000
10	0.00000	0.00000	-0.01072	0.00021	-0.00005	0.00000
11	0.00000	0.00000	-0.01052	0.00017	-0.00002	0.00000
12	0.00000	0.00000	-0.01085	0.00025	-0.00007	0.00000
13	0.00000	0.00000	-0.01067	0.00020	-0.00004	0.00000
14	0.00000	0.00000	-0.01073	0.00021	-0.00005	0.00000
15	0.00000	0.00000	-0.01054	0.00017	-0.00003	0.00000
16	0.00000	0.00000	-0.01086	0.00025	-0.00007	0.00000
17	0.00000	0.00000	-0.01041	0.00019	-0.00004	0.00000
18	0.00000	0.00000	-0.01051	0.00021	-0.00005	0.00000
19	0.00000	0.00000	-0.01019	0.00013	-0.00001	0.00000
20	0.00000	0.00000	-0.01073	0.00026	-0.00008	0.00000
21	0.00000	0.00000	-0.00815	0.00015	-0.00003	0.00000
22	0.00000	0.00000	-0.00819	0.00016	-0.00004	0.00000
23	0.00000	0.00000	-0.00806	0.00013	-0.00002	0.00000
24	0.00000	0.00000	-0.00828	0.00018	-0.00005	0.00000
25	0.00000	0.00000	-0.00816	0.00015	-0.00003	0.00000
26	0.00000	0.00000	-0.00820	0.00016	-0.00004	0.00000
27	0.00000	0.00000	-0.00807	0.00013	-0.00002	0.00000
28	0.00000	0.00000	-0.00829	0.00018	-0.00005	0.00000
29	0.00000	0.00000	-0.00799	0.00014	-0.00003	0.00000
30	0.00000	0.00000	-0.00805	0.00016	-0.00004	0.00000
31	0.00000	0.00000	-0.00784	0.00011	-0.00001	0.00000
32	0.00000	0.00000	-0.00820	0.00019	-0.00006	0.00000

33	0.00000	0.00000	-0.00786	0.00014	-0.00003	0.00000
34	0.00000	0.00000	-0.00792	0.00015	-0.00003	0.00000
35	0.00000	0.00000	-0.00785	0.00014	-0.00003	0.00000
36	0.00000	0.00000	-0.00786	0.00015	-0.00003	0.00000
37	0.00000	0.00000	-0.00782	0.00014	-0.00003	0.00000
38	0.00000	0.00000	-0.00789	0.00015	-0.00003	0.00000
39	0.00000	0.00000	-0.00786	0.00014	-0.00003	0.00000
40	0.00000	0.00000	0.00081	-0.00008	0.00012	0.00000
41	0.00000	0.00000	0.00079	-0.00007	0.00011	0.00000
42	0.00000	0.00000	0.00140	-0.00035	0.00014	0.00000
43	0.00000	0.00001	0.00168	-0.00042	0.00017	0.00000
44	0.00000	0.00000	-0.00662	-0.00004	0.00013	0.00000
45	0.00000	0.00000	-0.00746	0.00017	0.00005	0.00000
46	0.00000	0.00000	-0.00654	-0.00006	0.00014	0.00000
47	0.00000	0.00000	-0.00755	0.00019	0.00004	0.00000
48	0.00000	0.00000	-0.00825	0.00012	-0.00011	0.00000
49	0.00000	0.00000	-0.00909	0.00032	-0.00019	0.00000
50	0.00000	0.00000	-0.00816	0.00009	-0.00010	0.00000
51	0.00000	0.00000	-0.00917	0.00035	-0.00020	0.00000
52	0.00000	0.00000	-0.00665	-0.00003	0.00012	0.00000
53	0.00000	0.00000	-0.00749	0.00018	0.00004	0.00000
54	0.00000	0.00000	-0.00657	-0.00005	0.00013	0.00000
55	0.00000	0.00000	-0.00757	0.00020	0.00003	0.00000
56	0.00000	0.00000	-0.00822	0.00011	-0.00010	0.00000
57	0.00000	0.00000	-0.00906	0.00032	-0.00018	0.00000
58	0.00000	0.00000	-0.00814	0.00008	-0.00009	0.00000
59	0.00000	0.00000	-0.00915	0.00034	-0.00019	0.00000
60	0.00000	0.00001	-0.00621	-0.00023	0.00015	0.00000
61	0.00000	0.00000	-0.00669	-0.00018	0.00008	0.00000
62	0.00000	0.00000	-0.00621	-0.00022	0.00015	0.00000
63	0.00000	0.00001	-0.00669	-0.00018	0.00008	0.00000
64	0.00000	0.00000	-0.00902	0.00047	-0.00014	0.00000
65	0.00000	0.00000	-0.00950	0.00052	-0.00021	0.00000
66	0.00000	0.00000	-0.00902	0.00047	-0.00014	0.00000
67	0.00000	0.00000	-0.00950	0.00051	-0.00021	0.00000
68	0.00000	0.00001	-0.00593	-0.00030	0.00018	0.00000
69	0.00000	0.00001	-0.00642	-0.00025	0.00011	0.00000
70	0.00000	0.00001	-0.00594	-0.00030	0.00018	0.00000
71	0.00000	0.00001	-0.00641	-0.00026	0.00011	0.00000
72	0.00000	-0.00001	-0.00929	0.00054	-0.00017	0.00000
73	0.00000	-0.00001	-0.00978	0.00059	-0.00024	0.00000
74	0.00000	-0.00001	-0.00930	0.00054	-0.00017	0.00000
75	0.00000	-0.00001	-0.00977	0.00058	-0.00024	0.00000

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GLOBAL

1	0.00000	0.00000	-0.00418	0.00010	-0.00005	0.00000
2	0.00000	0.00000	-0.00352	0.00002	0.00002	0.00000
3	0.00000	0.00000	-0.00015	0.00001	0.00000	0.00000
4	0.00000	0.00000	-0.00031	0.00001	0.00000	0.00000
5	0.00000	0.00000	0.00002	-0.00001	0.00000	0.00000
6	0.00000	0.00000	-0.00003	0.00000	0.00000	0.00000

7	0.00000	0.00000	0.00014	-0.00004	0.00002	0.00000
8	0.00000	0.00000	-0.00014	0.00004	-0.00002	0.00000
9	0.00000	0.00000	-0.01045	0.00017	-0.00003	0.00000
10	0.00000	0.00000	-0.01050	0.00018	-0.00004	0.00000
11	0.00000	0.00000	-0.01035	0.00014	-0.00002	0.00000
12	0.00000	0.00000	-0.01059	0.00021	-0.00005	0.00000
13	0.00000	0.00000	-0.01046	0.00017	-0.00004	0.00000
14	0.00000	0.00000	-0.01051	0.00018	-0.00004	0.00000
15	0.00000	0.00000	-0.01036	0.00014	-0.00002	0.00000
16	0.00000	0.00000	-0.01061	0.00021	-0.00005	0.00000
17	0.00000	0.00000	-0.01022	0.00016	-0.00003	0.00000
18	0.00000	0.00000	-0.01030	0.00017	-0.00004	0.00000
19	0.00000	0.00000	-0.01005	0.00011	-0.00001	0.00000
20	0.00000	0.00000	-0.01046	0.00022	-0.00006	0.00000
21	0.00000	0.00000	-0.00799	0.00013	-0.00002	0.00000
22	0.00000	0.00000	-0.00803	0.00013	-0.00003	0.00000
23	0.00000	0.00000	-0.00793	0.00011	-0.00001	0.00000
24	0.00000	0.00000	-0.00809	0.00015	-0.00004	0.00000
25	0.00000	0.00000	-0.00800	0.00013	-0.00003	0.00000
26	0.00000	0.00000	-0.00804	0.00014	-0.00003	0.00000
27	0.00000	0.00000	-0.00794	0.00011	-0.00002	0.00000
28	0.00000	0.00000	-0.00810	0.00016	-0.00004	0.00000
29	0.00000	0.00000	-0.00784	0.00012	-0.00002	0.00000
30	0.00000	0.00000	-0.00789	0.00013	-0.00003	0.00000
31	0.00000	0.00000	-0.00773	0.00009	-0.00001	0.00000
32	0.00000	0.00000	-0.00800	0.00016	-0.00004	0.00000
33	0.00000	0.00000	-0.00771	0.00012	-0.00002	0.00000
34	0.00000	0.00000	-0.00777	0.00012	-0.00002	0.00000
35	0.00000	0.00000	-0.00770	0.00012	-0.00002	0.00000
36	0.00000	0.00000	-0.00771	0.00012	-0.00002	0.00000
37	0.00000	0.00000	-0.00768	0.00011	-0.00002	0.00000
38	0.00000	0.00000	-0.00774	0.00013	-0.00003	0.00000
39	0.00000	0.00000	-0.00771	0.00012	-0.00002	0.00000
40	0.00000	0.00000	0.00073	-0.00007	0.00012	0.00000
41	0.00000	0.00000	0.00072	-0.00006	0.00011	0.00000
42	0.00000	0.00001	0.00105	-0.00030	0.00011	0.00000
43	0.00000	0.00002	0.00125	-0.00035	0.00014	0.00000
44	0.00000	0.00001	-0.00666	-0.00004	0.00013	0.00000
45	0.00000	0.00000	-0.00729	0.00014	0.00006	0.00000
46	0.00000	0.00001	-0.00660	-0.00005	0.00014	0.00000
47	0.00000	0.00000	-0.00735	0.00016	0.00005	0.00000
48	0.00000	0.00000	-0.00813	0.00010	-0.00011	0.00000
49	0.00000	0.00000	-0.00876	0.00028	-0.00018	0.00000
50	0.00000	0.00000	-0.00806	0.00008	-0.00010	0.00000
51	0.00000	0.00000	-0.00882	0.00030	-0.00018	0.00000
52	0.00000	0.00000	-0.00668	-0.00003	0.00012	0.00000
53	0.00000	0.00000	-0.00731	0.00015	0.00005	0.00000
54	0.00000	0.00001	-0.00662	-0.00005	0.00013	0.00000
55	0.00000	0.00000	-0.00737	0.00016	0.00004	0.00000
56	0.00000	0.00000	-0.00811	0.00009	-0.00010	0.00000

57	0.00000	0.00000	-0.00874	0.00027	-0.00017	0.00000
58	0.00000	0.00001	-0.00805	0.00008	-0.00009	0.00000
59	0.00000	0.00000	-0.00880	0.00029	-0.00017	0.00000
60	0.00000	0.00001	-0.00644	-0.00020	0.00012	0.00000
61	0.00000	0.00001	-0.00688	-0.00016	0.00005	0.00000
62	0.00000	0.00001	-0.00644	-0.00019	0.00012	0.00000
63	0.00000	0.00001	-0.00687	-0.00016	0.00006	0.00000
64	0.00000	-0.00001	-0.00854	0.00040	-0.00010	0.00000
65	0.00000	-0.00001	-0.00898	0.00044	-0.00017	0.00000
66	0.00000	-0.00001	-0.00854	0.00040	-0.00010	0.00000
67	0.00000	-0.00001	-0.00897	0.00044	-0.00017	0.00000
68	0.00000	0.00002	-0.00623	-0.00025	0.00015	0.00000
69	0.00000	0.00002	-0.00667	-0.00021	0.00008	0.00000
70	0.00000	0.00002	-0.00624	-0.00025	0.00015	0.00000
71	0.00000	0.00002	-0.00667	-0.00022	0.00008	0.00000
72	0.00000	-0.00001	-0.00874	0.00046	-0.00012	0.00000
73	0.00000	-0.00002	-0.00918	0.00050	-0.00020	0.00000
74	0.00000	-0.00002	-0.00875	0.00046	-0.00013	0.00000
75	0.00000	-0.00002	-0.00918	0.00049	-0.00019	0.00000

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GLOBAL

1	0.00000	0.00000	-0.00409	0.00007	-0.00004	0.00000
2	0.00000	0.00000	-0.00350	0.00002	0.00003	0.00000
3	0.00000	0.00000	-0.00014	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00030	0.00001	0.00000	0.00000
5	0.00000	0.00000	0.00002	-0.00001	0.00000	0.00000
6	0.00000	0.00000	-0.00003	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00010	-0.00003	0.00001	0.00000
8	0.00000	0.00000	-0.00010	0.00003	-0.00001	0.00000
9	0.00000	0.00000	-0.01029	0.00012	-0.00002	0.00000
10	0.00000	0.00000	-0.01033	0.00012	-0.00003	0.00000
11	0.00000	0.00000	-0.01022	0.00009	-0.00001	0.00000
12	0.00000	0.00000	-0.01039	0.00015	-0.00004	0.00000
13	0.00000	0.00000	-0.01030	0.00012	-0.00003	0.00000
14	0.00000	0.00000	-0.01034	0.00012	-0.00003	0.00000
15	0.00000	0.00000	-0.01023	0.00009	-0.00002	0.00000
16	0.00000	0.00000	-0.01041	0.00015	-0.00004	0.00000
17	0.00000	0.00000	-0.01007	0.00011	-0.00002	0.00000
18	0.00000	0.00000	-0.01014	0.00012	-0.00003	0.00000
19	0.00000	0.00000	-0.00995	0.00006	-0.00001	0.00000
20	0.00000	0.00000	-0.01024	0.00017	-0.00005	0.00000
21	0.00000	0.00000	-0.00787	0.00009	-0.00002	0.00000
22	0.00000	0.00000	-0.00790	0.00009	-0.00002	0.00000
23	0.00000	0.00000	-0.00783	0.00007	-0.00001	0.00000
24	0.00000	0.00000	-0.00794	0.00011	-0.00003	0.00000
25	0.00000	0.00000	-0.00788	0.00009	-0.00002	0.00000
26	0.00000	0.00000	-0.00791	0.00009	-0.00002	0.00000
27	0.00000	0.00000	-0.00784	0.00007	-0.00001	0.00000
28	0.00000	0.00000	-0.00795	0.00011	-0.00003	0.00000
29	0.00000	0.00000	-0.00773	0.00008	-0.00002	0.00000
30	0.00000	0.00000	-0.00777	0.00009	-0.00002	0.00000

31	0.00000	0.00000	-0.00765	0.00005	-0.00001	0.00000
32	0.00000	0.00000	-0.00784	0.00012	-0.00003	0.00000
33	0.00000	0.00000	-0.00759	0.00008	-0.00002	0.00000
34	0.00000	0.00000	-0.00765	0.00009	-0.00002	0.00000
35	0.00000	0.00000	-0.00759	0.00008	-0.00002	0.00000
36	0.00000	0.00000	-0.00760	0.00009	-0.00002	0.00000
37	0.00000	0.00000	-0.00758	0.00008	-0.00001	0.00000
38	0.00000	0.00000	-0.00761	0.00009	-0.00002	0.00000
39	0.00000	0.00000	-0.00759	0.00008	-0.00002	0.00000
40	0.00000	0.00000	0.00066	-0.00005	0.00012	0.00000
41	0.00000	0.00000	0.00065	-0.00005	0.00011	0.00000
42	0.00000	0.00002	0.00075	-0.00026	0.00008	0.00000
43	0.00000	0.00003	0.00089	-0.00031	0.00010	0.00000
44	0.00000	0.00001	-0.00671	-0.00005	0.00012	0.00000
45	0.00000	0.00000	-0.00715	0.00011	0.00007	0.00000
46	0.00000	0.00001	-0.00666	-0.00006	0.00013	0.00000
47	0.00000	-0.00001	-0.00720	0.00012	0.00007	0.00000
48	0.00000	0.00001	-0.00804	0.00006	-0.00011	0.00000
49	0.00000	-0.00001	-0.00848	0.00022	-0.00016	0.00000
50	0.00000	0.00001	-0.00799	0.00004	-0.00010	0.00000
51	0.00000	-0.00001	-0.00853	0.00023	-0.00016	0.00000
52	0.00000	0.00001	-0.00672	-0.00004	0.00012	0.00000
53	0.00000	-0.00001	-0.00717	0.00011	0.00007	0.00000
54	0.00000	0.00001	-0.00668	-0.00006	0.00012	0.00000
55	0.00000	-0.00001	-0.00721	0.00013	0.00006	0.00000
56	0.00000	0.00001	-0.00802	0.00006	-0.00010	0.00000
57	0.00000	-0.00001	-0.00847	0.00021	-0.00015	0.00000
58	0.00000	0.00001	-0.00798	0.00004	-0.00010	0.00000
59	0.00000	-0.00001	-0.00851	0.00023	-0.00016	0.00000
60	0.00000	0.00002	-0.00665	-0.00019	0.00010	0.00000
61	0.00000	0.00002	-0.00705	-0.00016	0.00003	0.00000
62	0.00000	0.00002	-0.00665	-0.00019	0.00010	0.00000
63	0.00000	0.00002	-0.00705	-0.00016	0.00003	0.00000
64	0.00000	-0.00002	-0.00814	0.00033	-0.00006	0.00000
65	0.00000	-0.00002	-0.00854	0.00036	-0.00013	0.00000
66	0.00000	-0.00002	-0.00814	0.00033	-0.00007	0.00000
67	0.00000	-0.00002	-0.00854	0.00036	-0.00013	0.00000
68	0.00000	0.00003	-0.00651	-0.00025	0.00012	0.00000
69	0.00000	0.00003	-0.00691	-0.00021	0.00005	0.00000
70	0.00000	0.00003	-0.00651	-0.00024	0.00011	0.00000
71	0.00000	0.00003	-0.00690	-0.00021	0.00005	0.00000
72	0.00000	-0.00002	-0.00828	0.00038	-0.00008	0.00000
73	0.00000	-0.00002	-0.00868	0.00041	-0.00015	0.00000
74	0.00000	-0.00002	-0.00829	0.00038	-0.00008	0.00000
75	0.00000	-0.00002	-0.00868	0.00041	-0.00015	0.00000
99	GLOBAL					
1	0.00000	0.00000	-0.00404	0.00004	-0.00004	0.00000
2	0.00000	0.00000	-0.00348	0.00001	0.00003	0.00000
3	0.00000	0.00000	-0.00014	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00029	0.00000	0.00000	0.00000

5	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
6	0.00000	0.00000	-0.00002	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00006	-0.00003	0.00001	0.00000
8	0.00000	0.00000	-0.00006	0.00003	-0.00001	0.00000
9	0.00000	0.00000	-0.01020	0.00006	-0.00001	0.00000
10	0.00000	0.00000	-0.01023	0.00007	-0.00002	0.00000
11	0.00000	0.00000	-0.01015	0.00003	-0.00001	0.00000
12	0.00000	0.00000	-0.01026	0.00009	-0.00002	0.00000
13	0.00000	0.00000	-0.01021	0.00006	-0.00002	0.00000
14	0.00000	0.00000	-0.01024	0.00007	-0.00002	0.00000
15	0.00000	0.00000	-0.01017	0.00003	-0.00001	0.00000
16	0.00000	0.00000	-0.01027	0.00009	-0.00003	0.00000
17	0.00000	0.00000	-0.00998	0.00006	-0.00001	0.00000
18	0.00000	0.00000	-0.01003	0.00007	-0.00002	0.00000
19	0.00000	0.00001	-0.00991	0.00001	0.00000	0.00000
20	0.00000	0.00000	-0.01009	0.00011	-0.00003	0.00000
21	0.00000	0.00000	-0.00780	0.00005	-0.00001	0.00000
22	0.00000	0.00000	-0.00782	0.00005	-0.00001	0.00000
23	0.00000	0.00000	-0.00777	0.00003	-0.00001	0.00000
24	0.00000	0.00000	-0.00784	0.00007	-0.00002	0.00000
25	0.00000	0.00000	-0.00781	0.00005	-0.00001	0.00000
26	0.00000	0.00000	-0.00783	0.00005	-0.00002	0.00000
27	0.00000	0.00000	-0.00778	0.00003	-0.00001	0.00000
28	0.00000	0.00000	-0.00785	0.00007	-0.00002	0.00000
29	0.00000	0.00000	-0.00766	0.00004	-0.00001	0.00000
30	0.00000	0.00000	-0.00769	0.00005	-0.00002	0.00000
31	0.00000	0.00000	-0.00761	0.00001	0.00000	0.00000
32	0.00000	0.00000	-0.00773	0.00008	-0.00002	0.00000
33	0.00000	0.00000	-0.00752	0.00005	-0.00001	0.00000
34	0.00000	0.00000	-0.00758	0.00005	-0.00001	0.00000
35	0.00000	0.00000	-0.00752	0.00004	-0.00001	0.00000
36	0.00000	0.00000	-0.00753	0.00005	-0.00001	0.00000
37	0.00000	0.00000	-0.00751	0.00004	-0.00001	0.00000
38	0.00000	0.00000	-0.00754	0.00005	-0.00001	0.00000
39	0.00000	0.00000	-0.00752	0.00005	-0.00001	0.00000
40	0.00000	0.00000	0.00062	-0.00004	0.00011	0.00000
41	0.00000	0.00000	0.00061	-0.00003	0.00011	0.00000
42	0.00000	0.00003	0.00046	-0.00025	0.00005	0.00000
43	0.00000	0.00004	0.00055	-0.00030	0.00006	0.00000
44	0.00000	0.00001	-0.00677	-0.00007	0.00012	0.00000
45	0.00000	-0.00001	-0.00705	0.00009	0.00009	0.00000
46	0.00000	0.00001	-0.00674	-0.00008	0.00012	0.00000
47	0.00000	-0.00001	-0.00707	0.00010	0.00008	0.00000
48	0.00000	0.00001	-0.00800	0.00001	-0.00011	0.00000
49	0.00000	-0.00001	-0.00828	0.00016	-0.00014	0.00000
50	0.00000	0.00001	-0.00797	-0.00001	-0.00010	0.00000
51	0.00000	-0.00001	-0.00831	0.00017	-0.00014	0.00000
52	0.00000	0.00001	-0.00678	-0.00006	0.00011	0.00000
53	0.00000	-0.00001	-0.00706	0.00009	0.00008	0.00000
54	0.00000	0.00001	-0.00675	-0.00008	0.00012	0.00000

55	0.00000	-0.00001	-0.00708	0.00010	0.00008	0.00000
56	0.00000	0.00001	-0.00799	0.00000	-0.00010	0.00000
57	0.00000	-0.00001	-0.00827	0.00015	-0.00013	0.00000
58	0.00000	0.00001	-0.00796	-0.00001	-0.00010	0.00000
59	0.00000	-0.00001	-0.00830	0.00017	-0.00014	0.00000
60	0.00000	0.00003	-0.00687	-0.00022	0.00007	0.00000
61	0.00000	0.00003	-0.00724	-0.00020	0.00001	0.00000
62	0.00000	0.00003	-0.00688	-0.00022	0.00007	0.00000
63	0.00000	0.00003	-0.00724	-0.00020	0.00001	0.00000
64	0.00000	-0.00003	-0.00780	0.00029	-0.00003	0.00000
65	0.00000	-0.00003	-0.00817	0.00031	-0.00009	0.00000
66	0.00000	-0.00003	-0.00781	0.00029	-0.00003	0.00000
67	0.00000	-0.00003	-0.00817	0.00031	-0.00009	0.00000
68	0.00000	0.00004	-0.00678	-0.00027	0.00008	0.00000
69	0.00000	0.00004	-0.00715	-0.00024	0.00002	0.00000
70	0.00000	0.00004	-0.00679	-0.00026	0.00008	0.00000
71	0.00000	0.00004	-0.00715	-0.00025	0.00002	0.00000
72	0.00000	-0.00003	-0.00789	0.00033	-0.00004	0.00000
73	0.00000	-0.00003	-0.00826	0.00036	-0.00010	0.00000
74	0.00000	-0.00003	-0.00790	0.00034	-0.00004	0.00000
75	0.00000	-0.00003	-0.00826	0.00035	-0.00010	0.00000

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GLOBAL

1	0.00000	0.00000	-0.00402	0.00001	-0.00003	0.00000
2	0.00000	0.00000	-0.00348	0.00000	0.00003	0.00000
3	0.00000	0.00000	-0.00014	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00029	0.00000	0.00000	0.00000
5	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
6	0.00000	0.00000	-0.00002	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00002	-0.00003	0.00000	0.00000
8	0.00000	0.00000	-0.00002	0.00003	0.00000	0.00000
9	0.00000	0.00000	-0.01016	0.00002	0.00000	0.00000
10	0.00000	0.00000	-0.01018	0.00002	-0.00001	0.00000
11	0.00000	0.00001	-0.01014	-0.00001	0.00000	0.00000
12	0.00000	0.00000	-0.01018	0.00005	-0.00001	0.00000
13	0.00000	0.00000	-0.01017	0.00002	-0.00001	0.00000
14	0.00000	0.00000	-0.01019	0.00002	-0.00001	0.00000
15	0.00000	0.00001	-0.01016	-0.00001	-0.00001	0.00000
16	0.00000	0.00000	-0.01020	0.00005	-0.00001	0.00000
17	0.00000	0.00000	-0.00994	0.00001	-0.00001	0.00000
18	0.00000	0.00000	-0.00999	0.00002	-0.00001	0.00000
19	0.00000	0.00001	-0.00992	-0.00003	0.00000	0.00000
20	0.00000	0.00000	-0.00999	0.00007	-0.00001	0.00000
21	0.00000	0.00000	-0.00777	0.00001	0.00000	0.00000
22	0.00000	0.00000	-0.00779	0.00001	0.00000	0.00000
23	0.00000	0.00000	-0.00776	-0.00001	0.00000	0.00000
24	0.00000	0.00000	-0.00779	0.00003	0.00000	0.00000
25	0.00000	0.00000	-0.00778	0.00001	-0.00001	0.00000
26	0.00000	0.00000	-0.00780	0.00001	-0.00001	0.00000
27	0.00000	0.00000	-0.00777	-0.00001	0.00000	0.00000
28	0.00000	0.00000	-0.00780	0.00003	-0.00001	0.00000

29	0.00000	0.00000	-0.00763	0.00001	0.00000	0.00000
30	0.00000	0.00000	-0.00766	0.00001	-0.00001	0.00000
31	0.00000	0.00001	-0.00761	-0.00002	0.00000	0.00000
32	0.00000	0.00000	-0.00766	0.00005	-0.00001	0.00000
33	0.00000	0.00000	-0.00749	0.00001	0.00000	0.00000
34	0.00000	0.00000	-0.00755	0.00001	0.00000	0.00000
35	0.00000	0.00000	-0.00749	0.00001	0.00000	0.00000
36	0.00000	0.00000	-0.00750	0.00001	0.00000	0.00000
37	0.00000	0.00000	-0.00749	0.00001	0.00000	0.00000
38	0.00000	0.00000	-0.00750	0.00002	0.00000	0.00000
39	0.00000	0.00000	-0.00749	0.00001	0.00000	0.00000
40	0.00000	0.00000	0.00059	-0.00002	0.00011	0.00000
41	0.00000	0.00000	0.00058	-0.00001	0.00011	0.00000
42	0.00000	0.00004	0.00018	-0.00027	0.00002	0.00000
43	0.00000	0.00005	0.00022	-0.00032	0.00002	0.00000
44	0.00000	0.00001	-0.00685	-0.00008	0.00011	0.00000
45	0.00000	-0.00001	-0.00696	0.00008	0.00010	0.00000
46	0.00000	0.00002	-0.00684	-0.00010	0.00011	0.00000
47	0.00000	-0.00001	-0.00697	0.00009	0.00010	0.00000
48	0.00000	0.00001	-0.00803	-0.00005	-0.00011	0.00000
49	0.00000	-0.00001	-0.00814	0.00011	-0.00012	0.00000
50	0.00000	0.00001	-0.00801	-0.00007	-0.00011	0.00000
51	0.00000	-0.00001	-0.00815	0.00012	-0.00012	0.00000
52	0.00000	0.00001	-0.00685	-0.00008	0.00011	0.00000
53	0.00000	-0.00001	-0.00696	0.00008	0.00010	0.00000
54	0.00000	0.00002	-0.00684	-0.00009	0.00011	0.00000
55	0.00000	-0.00001	-0.00697	0.00010	0.00010	0.00000
56	0.00000	0.00001	-0.00802	-0.00006	-0.00011	0.00000
57	0.00000	-0.00001	-0.00813	0.00010	-0.00012	0.00000
58	0.00000	0.00002	-0.00801	-0.00007	-0.00010	0.00000
59	0.00000	-0.00001	-0.00814	0.00012	-0.00012	0.00000
60	0.00000	0.00004	-0.00713	-0.00026	0.00005	0.00000
61	0.00000	0.00004	-0.00749	-0.00025	-0.00002	0.00000
62	0.00000	0.00004	-0.00714	-0.00026	0.00005	0.00000
63	0.00000	0.00004	-0.00749	-0.00025	-0.00002	0.00000
64	0.00000	-0.00003	-0.00750	0.00027	0.00001	0.00000
65	0.00000	-0.00004	-0.00785	0.00028	-0.00006	0.00000
66	0.00000	-0.00003	-0.00750	0.00027	0.00001	0.00000
67	0.00000	-0.00003	-0.00785	0.00028	-0.00006	0.00000
68	0.00000	0.00005	-0.00710	-0.00031	0.00005	0.00000
69	0.00000	0.00005	-0.00745	-0.00030	-0.00001	0.00000
70	0.00000	0.00005	-0.00710	-0.00031	0.00005	0.00000
71	0.00000	0.00005	-0.00745	-0.00030	-0.00001	0.00000
72	0.00000	-0.00004	-0.00753	0.00032	0.00001	0.00000
73	0.00000	-0.00004	-0.00789	0.00033	-0.00006	0.00000
74	0.00000	-0.00004	-0.00754	0.00033	0.00001	0.00000
75	0.00000	-0.00004	-0.00789	0.00033	-0.00006	0.00000
1	0.00000	0.00000	-0.00402	-0.00001	-0.00003	0.00000
2	0.00000	0.00000	-0.00348	0.00000	0.00003	0.00000

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GLOBAL

3	0.00000	0.00000	-0.00014	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00029	0.00000	0.00000	0.00000
5	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
6	0.00000	0.00000	-0.00002	0.00000	0.00000	0.00000
7	0.00000	0.00000	-0.00002	-0.00003	0.00000	0.00000
8	0.00000	0.00000	0.00002	0.00003	0.00000	0.00000
9	0.00000	0.00000	-0.01016	-0.00002	0.00000	0.00000
10	0.00000	0.00000	-0.01018	-0.00002	-0.00001	0.00000
11	0.00000	0.00001	-0.01019	-0.00005	-0.00001	0.00000
12	0.00000	0.00000	-0.01014	0.00001	0.00000	0.00000
13	0.00000	0.00000	-0.01017	-0.00002	-0.00001	0.00000
14	0.00000	0.00000	-0.01019	-0.00002	-0.00001	0.00000
15	0.00000	0.00001	-0.01020	-0.00005	-0.00001	0.00000
16	0.00000	0.00000	-0.01016	0.00001	-0.00001	0.00000
17	0.00000	0.00000	-0.00994	-0.00001	-0.00001	0.00000
18	0.00000	0.00000	-0.00999	-0.00002	-0.00001	0.00000
19	0.00000	0.00001	-0.00999	-0.00007	-0.00001	0.00000
20	0.00000	0.00000	-0.00992	0.00003	0.00000	0.00000
21	0.00000	0.00000	-0.00777	-0.00001	0.00000	0.00000
22	0.00000	0.00000	-0.00779	-0.00001	0.00000	0.00000
23	0.00000	0.00001	-0.00779	-0.00003	0.00000	0.00000
24	0.00000	0.00000	-0.00776	0.00001	0.00000	0.00000
25	0.00000	0.00000	-0.00778	-0.00001	-0.00001	0.00000
26	0.00000	0.00000	-0.00780	-0.00001	-0.00001	0.00000
27	0.00000	0.00000	-0.00780	-0.00003	-0.00001	0.00000
28	0.00000	0.00000	-0.00777	0.00001	0.00000	0.00000
29	0.00000	0.00000	-0.00763	-0.00001	0.00000	0.00000
30	0.00000	0.00000	-0.00766	-0.00001	-0.00001	0.00000
31	0.00000	0.00001	-0.00766	-0.00005	-0.00001	0.00000
32	0.00000	0.00000	-0.00761	0.00002	0.00000	0.00000
33	0.00000	0.00000	-0.00749	-0.00001	0.00000	0.00000
34	0.00000	0.00000	-0.00755	-0.00001	0.00000	0.00000
35	0.00000	0.00000	-0.00749	-0.00001	0.00000	0.00000
36	0.00000	0.00000	-0.00750	-0.00001	0.00000	0.00000
37	0.00000	0.00000	-0.00750	-0.00002	0.00000	0.00000
38	0.00000	0.00000	-0.00749	-0.00001	0.00000	0.00000
39	0.00000	0.00000	-0.00749	-0.00001	0.00000	0.00000
40	0.00000	0.00000	0.00058	0.00001	0.00011	0.00000
41	0.00000	0.00000	0.00059	0.00002	0.00011	0.00000
42	0.00000	0.00004	-0.00019	-0.00026	-0.00002	0.00000
43	0.00000	0.00005	-0.00023	-0.00032	-0.00002	0.00000
44	0.00000	0.00002	-0.00697	-0.00008	0.00010	0.00000
45	0.00000	-0.00001	-0.00685	0.00008	0.00011	0.00000
46	0.00000	0.00002	-0.00698	-0.00010	0.00010	0.00000
47	0.00000	-0.00001	-0.00684	0.00009	0.00011	0.00000
48	0.00000	0.00001	-0.00813	-0.00010	-0.00012	0.00000
49	0.00000	-0.00001	-0.00802	0.00006	-0.00011	0.00000
50	0.00000	0.00002	-0.00814	-0.00012	-0.00012	0.00000
51	0.00000	-0.00002	-0.00801	0.00007	-0.00010	0.00000
52	0.00000	0.00001	-0.00696	-0.00008	0.00010	0.00000

53	0.00000	-0.00001	-0.00685	0.00008	0.00011	0.00000
54	0.00000	0.00002	-0.00697	-0.00009	0.00010	0.00000
55	0.00000	-0.00001	-0.00684	0.00010	0.00011	0.00000
56	0.00000	0.00001	-0.00814	-0.00011	-0.00012	0.00000
57	0.00000	-0.00001	-0.00802	0.00005	-0.00011	0.00000
58	0.00000	0.00002	-0.00815	-0.00012	-0.00012	0.00000
59	0.00000	-0.00001	-0.00801	0.00007	-0.00011	0.00000
60	0.00000	0.00005	-0.00751	-0.00027	0.00001	0.00000
61	0.00000	0.00004	-0.00786	-0.00028	-0.00006	0.00000
62	0.00000	0.00004	-0.00751	-0.00027	0.00001	0.00000
63	0.00000	0.00004	-0.00786	-0.00028	-0.00006	0.00000
64	0.00000	-0.00004	-0.00713	0.00026	0.00005	0.00000
65	0.00000	-0.00004	-0.00748	0.00025	-0.00002	0.00000
66	0.00000	-0.00004	-0.00713	0.00026	0.00005	0.00000
67	0.00000	-0.00004	-0.00748	0.00025	-0.00002	0.00000
68	0.00000	0.00006	-0.00754	-0.00033	0.00000	0.00000
69	0.00000	0.00005	-0.00789	-0.00033	-0.00006	0.00000
70	0.00000	0.00006	-0.00754	-0.00032	0.00000	0.00000
71	0.00000	0.00006	-0.00790	-0.00033	-0.00006	0.00000
72	0.00000	-0.00005	-0.00709	0.00031	0.00005	0.00000
73	0.00000	-0.00005	-0.00744	0.00030	-0.00001	0.00000
74	0.00000	-0.00005	-0.00709	0.00031	0.00005	0.00000
75	0.00000	-0.00005	-0.00744	0.00030	-0.00001	0.00000

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GLOBAL

1	0.00000	0.00000	-0.00404	-0.00004	-0.00004	0.00000
2	0.00000	0.00000	-0.00348	-0.00001	0.00003	0.00000
3	0.00000	0.00000	-0.00014	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00029	0.00000	0.00000	0.00000
5	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
6	0.00000	0.00000	-0.00002	0.00000	0.00000	0.00000
7	0.00000	0.00000	-0.00006	-0.00003	-0.00001	0.00000
8	0.00000	0.00000	0.00006	0.00003	0.00001	0.00000
9	0.00000	0.00000	-0.01020	-0.00006	-0.00001	0.00000
10	0.00000	0.00000	-0.01023	-0.00007	-0.00002	0.00000
11	0.00000	0.00001	-0.01026	-0.00009	-0.00002	0.00000
12	0.00000	0.00000	-0.01015	-0.00003	-0.00001	0.00000
13	0.00000	0.00000	-0.01021	-0.00006	-0.00002	0.00000
14	0.00000	0.00000	-0.01024	-0.00007	-0.00002	0.00000
15	0.00000	0.00001	-0.01027	-0.00009	-0.00003	0.00000
16	0.00000	0.00000	-0.01017	-0.00003	-0.00001	0.00000
17	0.00000	0.00000	-0.00998	-0.00006	-0.00001	0.00000
18	0.00000	0.00000	-0.01003	-0.00007	-0.00002	0.00000
19	0.00000	0.00001	-0.01009	-0.00011	-0.00003	0.00000
20	0.00000	0.00000	-0.00991	-0.00001	0.00000	0.00000
21	0.00000	0.00000	-0.00780	-0.00005	-0.00001	0.00000
22	0.00000	0.00000	-0.00782	-0.00005	-0.00001	0.00000
23	0.00000	0.00001	-0.00784	-0.00007	-0.00002	0.00000
24	0.00000	0.00000	-0.00777	-0.00003	-0.00001	0.00000
25	0.00000	0.00000	-0.00781	-0.00005	-0.00001	0.00000
26	0.00000	0.00000	-0.00783	-0.00005	-0.00002	0.00000

27	0.00000	0.00001	-0.00785	-0.00007	-0.00002	0.00000
28	0.00000	0.00000	-0.00778	-0.00003	-0.00001	0.00000
29	0.00000	0.00000	-0.00766	-0.00004	-0.00001	0.00000
30	0.00000	0.00000	-0.00769	-0.00005	-0.00002	0.00000
31	0.00000	0.00001	-0.00773	-0.00008	-0.00002	0.00000
32	0.00000	0.00000	-0.00761	-0.00001	0.00000	0.00000
33	0.00000	0.00000	-0.00752	-0.00005	-0.00001	0.00000
34	0.00000	0.00000	-0.00758	-0.00005	-0.00001	0.00000
35	0.00000	0.00000	-0.00752	-0.00004	-0.00001	0.00000
36	0.00000	0.00000	-0.00753	-0.00005	-0.00001	0.00000
37	0.00000	0.00000	-0.00754	-0.00005	-0.00001	0.00000
38	0.00000	0.00000	-0.00751	-0.00004	-0.00001	0.00000
39	0.00000	0.00000	-0.00752	-0.00005	-0.00001	0.00000
40	0.00000	0.00000	0.00061	0.00003	0.00011	0.00000
41	0.00000	0.00000	0.00062	0.00004	0.00011	0.00000
42	0.00000	0.00005	-0.00047	-0.00025	-0.00005	0.00000
43	0.00000	0.00006	-0.00056	-0.00030	-0.00006	0.00000
44	0.00000	0.00002	-0.00706	-0.00009	0.00008	0.00000
45	0.00000	-0.00001	-0.00678	0.00006	0.00011	0.00000
46	0.00000	0.00002	-0.00708	-0.00010	0.00008	0.00000
47	0.00000	-0.00001	-0.00675	0.00008	0.00012	0.00000
48	0.00000	0.00001	-0.00827	-0.00015	-0.00013	0.00000
49	0.00000	-0.00001	-0.00799	0.00000	-0.00010	0.00000
50	0.00000	0.00002	-0.00830	-0.00017	-0.00014	0.00000
51	0.00000	-0.00002	-0.00796	0.00001	-0.00010	0.00000
52	0.00000	0.00002	-0.00705	-0.00008	0.00009	0.00000
53	0.00000	-0.00001	-0.00677	0.00007	0.00012	0.00000
54	0.00000	0.00002	-0.00708	-0.00010	0.00008	0.00000
55	0.00000	-0.00001	-0.00674	0.00008	0.00012	0.00000
56	0.00000	0.00002	-0.00828	-0.00016	-0.00014	0.00000
57	0.00000	-0.00001	-0.00800	-0.00001	-0.00011	0.00000
58	0.00000	0.00002	-0.00831	-0.00017	-0.00014	0.00000
59	0.00000	-0.00002	-0.00797	0.00001	-0.00010	0.00000
60	0.00000	0.00005	-0.00781	-0.00029	-0.00003	0.00000
61	0.00000	0.00005	-0.00818	-0.00031	-0.00009	0.00000
62	0.00000	0.00005	-0.00781	-0.00028	-0.00003	0.00000
63	0.00000	0.00005	-0.00818	-0.00031	-0.00009	0.00000
64	0.00000	-0.00004	-0.00687	0.00021	0.00007	0.00000
65	0.00000	-0.00004	-0.00724	0.00020	0.00001	0.00000
66	0.00000	-0.00004	-0.00687	0.00022	0.00007	0.00000
67	0.00000	-0.00004	-0.00724	0.00019	0.00001	0.00000
68	0.00000	0.00006	-0.00790	-0.00033	-0.00004	0.00000
69	0.00000	0.00006	-0.00827	-0.00035	-0.00010	0.00000
70	0.00000	0.00006	-0.00790	-0.00033	-0.00004	0.00000
71	0.00000	0.00006	-0.00827	-0.00035	-0.00011	0.00000
72	0.00000	-0.00005	-0.00678	0.00026	0.00008	0.00000
73	0.00000	-0.00006	-0.00714	0.00024	0.00002	0.00000
74	0.00000	-0.00006	-0.00678	0.00026	0.00008	0.00000
75	0.00000	-0.00006	-0.00715	0.00024	0.00002	0.00000

1	0.00000	0.00000	-0.00409	-0.00007	-0.00004	0.00000
2	0.00000	0.00000	-0.00350	-0.00002	0.00003	0.00000
3	0.00000	0.00000	-0.00014	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00030	-0.00001	0.00000	0.00000
5	0.00000	0.00000	0.00002	0.00001	0.00000	0.00000
6	0.00000	0.00000	-0.00003	0.00000	0.00000	0.00000
7	0.00000	0.00000	-0.00010	-0.00003	-0.00001	0.00000
8	0.00000	-0.00001	0.00010	0.00003	0.00001	0.00000
9	0.00000	0.00000	-0.01029	-0.00012	-0.00002	0.00000
10	0.00000	0.00000	-0.01033	-0.00012	-0.00003	0.00000
11	0.00000	0.00001	-0.01039	-0.00015	-0.00004	0.00000
12	0.00000	0.00000	-0.01022	-0.00009	-0.00001	0.00000
13	0.00000	0.00000	-0.01030	-0.00012	-0.00003	0.00000
14	0.00000	0.00000	-0.01034	-0.00012	-0.00003	0.00000
15	0.00000	0.00001	-0.01041	-0.00015	-0.00004	0.00000
16	0.00000	0.00000	-0.01023	-0.00009	-0.00002	0.00000
17	0.00000	0.00000	-0.01007	-0.00011	-0.00002	0.00000
18	0.00000	0.00000	-0.01014	-0.00012	-0.00003	0.00000
19	0.00000	0.00001	-0.01024	-0.00017	-0.00005	0.00000
20	0.00000	0.00000	-0.00995	-0.00006	-0.00001	0.00000
21	0.00000	0.00000	-0.00787	-0.00009	-0.00002	0.00000
22	0.00000	0.00000	-0.00790	-0.00009	-0.00002	0.00000
23	0.00000	0.00001	-0.00794	-0.00011	-0.00003	0.00000
24	0.00000	0.00000	-0.00783	-0.00007	-0.00001	0.00000
25	0.00000	0.00000	-0.00788	-0.00009	-0.00002	0.00000
26	0.00000	0.00000	-0.00791	-0.00009	-0.00002	0.00000
27	0.00000	0.00001	-0.00795	-0.00011	-0.00003	0.00000
28	0.00000	0.00000	-0.00784	-0.00007	-0.00001	0.00000
29	0.00000	0.00000	-0.00773	-0.00008	-0.00002	0.00000
30	0.00000	0.00000	-0.00777	-0.00009	-0.00002	0.00000
31	0.00000	0.00001	-0.00784	-0.00012	-0.00003	0.00000
32	0.00000	0.00000	-0.00765	-0.00005	-0.00001	0.00000
33	0.00000	0.00000	-0.00759	-0.00008	-0.00002	0.00000
34	0.00000	0.00000	-0.00765	-0.00009	-0.00002	0.00000
35	0.00000	0.00000	-0.00759	-0.00008	-0.00002	0.00000
36	0.00000	0.00000	-0.00760	-0.00009	-0.00002	0.00000
37	0.00000	0.00000	-0.00761	-0.00009	-0.00002	0.00000
38	0.00000	0.00000	-0.00758	-0.00008	-0.00001	0.00000
39	0.00000	0.00000	-0.00759	-0.00008	-0.00002	0.00000
40	0.00000	0.00000	0.00065	0.00005	0.00011	0.00000
41	0.00000	0.00000	0.00067	0.00005	0.00012	0.00000
42	0.00000	0.00005	-0.00075	-0.00026	-0.00008	0.00000
43	0.00000	0.00006	-0.00089	-0.00031	-0.00010	0.00000
44	0.00000	0.00002	-0.00717	-0.00011	0.00007	0.00000
45	0.00000	-0.00001	-0.00672	0.00004	0.00012	0.00000
46	0.00000	0.00002	-0.00721	-0.00013	0.00006	0.00000
47	0.00000	-0.00001	-0.00667	0.00006	0.00012	0.00000
48	0.00000	0.00001	-0.00847	-0.00021	-0.00015	0.00000
49	0.00000	-0.00002	-0.00802	-0.00006	-0.00010	0.00000
50	0.00000	0.00002	-0.00852	-0.00023	-0.00016	0.00000

51	0.00000	-0.00002	-0.00798	-0.00004	-0.00010	0.00000
52	0.00000	0.00002	-0.00715	-0.00011	0.00007	0.00000
53	0.00000	-0.00001	-0.00670	0.00005	0.00012	0.00000
54	0.00000	0.00002	-0.00720	-0.00012	0.00007	0.00000
55	0.00000	-0.00002	-0.00666	0.00006	0.00013	0.00000
56	0.00000	0.00002	-0.00848	-0.00022	-0.00016	0.00000
57	0.00000	-0.00001	-0.00804	-0.00006	-0.00011	0.00000
58	0.00000	0.00002	-0.00853	-0.00023	-0.00016	0.00000
59	0.00000	-0.00002	-0.00799	-0.00005	-0.00010	0.00000
60	0.00000	0.00005	-0.00815	-0.00033	-0.00007	0.00000
61	0.00000	0.00005	-0.00854	-0.00036	-0.00013	0.00000
62	0.00000	0.00005	-0.00814	-0.00033	-0.00006	0.00000
63	0.00000	0.00005	-0.00854	-0.00036	-0.00013	0.00000
64	0.00000	-0.00005	-0.00665	0.00019	0.00010	0.00000
65	0.00000	-0.00005	-0.00704	0.00016	0.00003	0.00000
66	0.00000	-0.00005	-0.00665	0.00019	0.00010	0.00000
67	0.00000	-0.00005	-0.00705	0.00016	0.00003	0.00000
68	0.00000	0.00007	-0.00829	-0.00038	-0.00008	0.00000
69	0.00000	0.00006	-0.00868	-0.00041	-0.00015	0.00000
70	0.00000	0.00006	-0.00829	-0.00038	-0.00008	0.00000
71	0.00000	0.00006	-0.00869	-0.00041	-0.00015	0.00000
72	0.00000	-0.00006	-0.00651	0.00024	0.00011	0.00000
73	0.00000	-0.00006	-0.00690	0.00021	0.00005	0.00000
74	0.00000	-0.00006	-0.00650	0.00024	0.00012	0.00000
75	0.00000	-0.00006	-0.00690	0.00021	0.00005	0.00000

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GLOBAL

1	0.00000	0.00000	-0.00418	-0.00010	-0.00005	0.00000
2	0.00000	0.00000	-0.00352	-0.00002	0.00002	0.00000
3	0.00000	0.00000	-0.00015	-0.00001	0.00000	0.00000
4	0.00000	0.00000	-0.00031	-0.00001	0.00000	0.00000
5	0.00000	0.00000	0.00002	0.00001	0.00000	0.00000
6	0.00000	0.00000	-0.00003	0.00000	0.00000	0.00000
7	0.00000	0.00001	-0.00014	-0.00004	-0.00002	0.00000
8	0.00000	-0.00001	0.00014	0.00004	0.00002	0.00000
9	0.00000	0.00001	-0.01045	-0.00017	-0.00003	0.00000
10	0.00000	0.00000	-0.01050	-0.00018	-0.00004	0.00000
11	0.00000	0.00001	-0.01059	-0.00021	-0.00005	0.00000
12	0.00000	0.00000	-0.01035	-0.00014	-0.00002	0.00000
13	0.00000	0.00001	-0.01046	-0.00017	-0.00004	0.00000
14	0.00000	0.00000	-0.01051	-0.00018	-0.00004	0.00000
15	0.00000	0.00001	-0.01061	-0.00021	-0.00005	0.00000
16	0.00000	0.00000	-0.01036	-0.00014	-0.00002	0.00000
17	0.00000	0.00000	-0.01022	-0.00016	-0.00003	0.00000
18	0.00000	0.00000	-0.01030	-0.00017	-0.00004	0.00000
19	0.00000	0.00001	-0.01046	-0.00022	-0.00006	0.00000
20	0.00000	0.00000	-0.01005	-0.00011	-0.00001	0.00000
21	0.00000	0.00000	-0.00799	-0.00013	-0.00002	0.00000
22	0.00000	0.00000	-0.00803	-0.00013	-0.00003	0.00000
23	0.00000	0.00001	-0.00809	-0.00015	-0.00004	0.00000
24	0.00000	0.00000	-0.00793	-0.00011	-0.00001	0.00000

25	0.00000	0.00000	-0.00800	-0.00013	-0.00003	0.00000
26	0.00000	0.00000	-0.00804	-0.00014	-0.00003	0.00000
27	0.00000	0.00001	-0.00810	-0.00015	-0.00004	0.00000
28	0.00000	0.00000	-0.00794	-0.00011	-0.00002	0.00000
29	0.00000	0.00000	-0.00784	-0.00012	-0.00002	0.00000
30	0.00000	0.00000	-0.00789	-0.00013	-0.00003	0.00000
31	0.00000	0.00001	-0.00800	-0.00016	-0.00004	0.00000
32	0.00000	0.00000	-0.00773	-0.00009	-0.00001	0.00000
33	0.00000	0.00000	-0.00771	-0.00012	-0.00002	0.00000
34	0.00000	0.00000	-0.00777	-0.00012	-0.00002	0.00000
35	0.00000	0.00000	-0.00770	-0.00012	-0.00002	0.00000
36	0.00000	0.00000	-0.00771	-0.00012	-0.00002	0.00000
37	0.00000	0.00000	-0.00774	-0.00013	-0.00003	0.00000
38	0.00000	0.00000	-0.00768	-0.00011	-0.00002	0.00000
39	0.00000	0.00000	-0.00771	-0.00012	-0.00002	0.00000
40	0.00000	0.00000	0.00072	0.00006	0.00011	0.00000
41	0.00000	0.00000	0.00073	0.00007	0.00012	0.00000
42	0.00000	0.00005	-0.00105	-0.00029	-0.00011	0.00000
43	0.00000	0.00007	-0.00125	-0.00035	-0.00014	0.00000
44	0.00000	0.00002	-0.00731	-0.00015	0.00005	0.00000
45	0.00000	-0.00001	-0.00668	0.00003	0.00012	0.00000
46	0.00000	0.00003	-0.00737	-0.00016	0.00004	0.00000
47	0.00000	-0.00001	-0.00662	0.00005	0.00013	0.00000
48	0.00000	0.00001	-0.00874	-0.00027	-0.00017	0.00000
49	0.00000	-0.00002	-0.00811	-0.00010	-0.00010	0.00000
50	0.00000	0.00002	-0.00880	-0.00029	-0.00017	0.00000
51	0.00000	-0.00002	-0.00805	-0.00008	-0.00009	0.00000
52	0.00000	0.00002	-0.00729	-0.00014	0.00006	0.00000
53	0.00000	-0.00001	-0.00666	0.00004	0.00013	0.00000
54	0.00000	0.00002	-0.00735	-0.00016	0.00005	0.00000
55	0.00000	-0.00002	-0.00660	0.00005	0.00014	0.00000
56	0.00000	0.00002	-0.00876	-0.00028	-0.00018	0.00000
57	0.00000	-0.00001	-0.00813	-0.00010	-0.00011	0.00000
58	0.00000	0.00002	-0.00882	-0.00029	-0.00018	0.00000
59	0.00000	-0.00002	-0.00806	-0.00008	-0.00010	0.00000
60	0.00000	0.00006	-0.00855	-0.00040	-0.00010	0.00000
61	0.00000	0.00005	-0.00897	-0.00043	-0.00017	0.00000
62	0.00000	0.00006	-0.00854	-0.00039	-0.00010	0.00000
63	0.00000	0.00006	-0.00898	-0.00044	-0.00017	0.00000
64	0.00000	-0.00005	-0.00644	0.00019	0.00012	0.00000
65	0.00000	-0.00005	-0.00687	0.00015	0.00006	0.00000
66	0.00000	-0.00005	-0.00644	0.00019	0.00012	0.00000
67	0.00000	-0.00005	-0.00688	0.00015	0.00005	0.00000
68	0.00000	0.00007	-0.00875	-0.00045	-0.00013	0.00000
69	0.00000	0.00007	-0.00918	-0.00049	-0.00019	0.00000
70	0.00000	0.00007	-0.00874	-0.00045	-0.00012	0.00000
71	0.00000	0.00007	-0.00918	-0.00049	-0.00020	0.00000
72	0.00000	-0.00006	-0.00624	0.00025	0.00015	0.00000
73	0.00000	-0.00006	-0.00667	0.00021	0.00008	0.00000
74	0.00000	-0.00006	-0.00623	0.00025	0.00015	0.00000

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GLOBAL

75	0.00000	-0.00006	-0.00667	0.00021	0.00008	0.00000
1	0.00000	0.00000	-0.00430	-0.00011	-0.00005	0.00000
2	0.00000	0.00000	-0.00355	-0.00003	0.00002	0.00000
3	0.00000	0.00000	-0.00015	-0.00001	0.00000	0.00000
4	0.00000	0.00000	-0.00032	-0.00001	-0.00001	0.00000
5	0.00000	0.00000	0.00003	0.00001	0.00000	0.00000
6	0.00000	0.00000	-0.00004	-0.00001	0.00000	0.00000
7	0.00000	0.00001	-0.00018	-0.00004	-0.00002	0.00000
8	0.00000	-0.00001	0.00018	0.00004	0.00002	0.00000
9	0.00000	0.00001	-0.01065	-0.00020	-0.00004	0.00000
10	0.00000	0.00001	-0.01072	-0.00021	-0.00005	0.00000
11	0.00000	0.00001	-0.01085	-0.00025	-0.00007	0.00000
12	0.00000	0.00000	-0.01052	-0.00017	-0.00002	0.00000
13	0.00000	0.00001	-0.01067	-0.00020	-0.00004	0.00000
14	0.00000	0.00001	-0.01073	-0.00021	-0.00005	0.00000
15	0.00000	0.00001	-0.01086	-0.00025	-0.00007	0.00000
16	0.00000	0.00000	-0.01054	-0.00017	-0.00003	0.00000
17	0.00000	0.00001	-0.01041	-0.00019	-0.00004	0.00000
18	0.00000	0.00000	-0.01051	-0.00021	-0.00005	0.00000
19	0.00000	0.00001	-0.01072	-0.00026	-0.00008	0.00000
20	0.00000	0.00000	-0.01019	-0.00013	-0.00001	0.00000
21	0.00000	0.00000	-0.00815	-0.00015	-0.00003	0.00000
22	0.00000	0.00000	-0.00819	-0.00016	-0.00004	0.00000
23	0.00000	0.00001	-0.00828	-0.00018	-0.00005	0.00000
24	0.00000	0.00000	-0.00806	-0.00013	-0.00002	0.00000
25	0.00000	0.00000	-0.00816	-0.00015	-0.00003	0.00000
26	0.00000	0.00000	-0.00820	-0.00016	-0.00004	0.00000
27	0.00000	0.00001	-0.00829	-0.00018	-0.00005	0.00000
28	0.00000	0.00000	-0.00807	-0.00013	-0.00002	0.00000
29	0.00000	0.00000	-0.00799	-0.00014	-0.00003	0.00000
30	0.00000	0.00000	-0.00805	-0.00016	-0.00004	0.00000
31	0.00000	0.00001	-0.00820	-0.00019	-0.00006	0.00000
32	0.00000	0.00000	-0.00784	-0.00011	-0.00001	0.00000
33	0.00000	0.00000	-0.00786	-0.00014	-0.00003	0.00000
34	0.00000	0.00000	-0.00792	-0.00015	-0.00003	0.00000
35	0.00000	0.00000	-0.00785	-0.00014	-0.00003	0.00000
36	0.00000	0.00000	-0.00786	-0.00015	-0.00003	0.00000
37	0.00000	0.00000	-0.00789	-0.00015	-0.00003	0.00000
38	0.00000	0.00000	-0.00782	-0.00014	-0.00003	0.00000
39	0.00000	0.00000	-0.00786	-0.00014	-0.00003	0.00000
40	0.00000	0.00000	0.00079	0.00007	0.00011	0.00000
41	0.00000	0.00000	0.00081	0.00008	0.00012	0.00000
42	0.00000	0.00006	-0.00140	-0.00035	-0.00014	0.00000
43	0.00000	0.00007	-0.00167	-0.00042	-0.00017	0.00000
44	0.00000	0.00002	-0.00749	-0.00018	0.00004	0.00000
45	0.00000	-0.00001	-0.00665	0.00003	0.00012	0.00000
46	0.00000	0.00003	-0.00757	-0.00020	0.00003	0.00000
47	0.00000	-0.00001	-0.00657	0.00005	0.00013	0.00000
48	0.00000	0.00002	-0.00906	-0.00031	-0.00018	0.00000

49	0.00000	-0.00002	-0.00822	-0.00011	-0.00010	0.00000
50	0.00000	0.00002	-0.00915	-0.00034	-0.00019	0.00000
51	0.00000	-0.00002	-0.00814	-0.00009	-0.00009	0.00000
52	0.00000	0.00002	-0.00746	-0.00017	0.00005	0.00000
53	0.00000	-0.00001	-0.00662	0.00003	0.00013	0.00000
54	0.00000	0.00003	-0.00755	-0.00019	0.00004	0.00000
55	0.00000	-0.00002	-0.00654	0.00006	0.00014	0.00000
56	0.00000	0.00002	-0.00909	-0.00032	-0.00019	0.00000
57	0.00000	-0.00001	-0.00825	-0.00012	-0.00011	0.00000
58	0.00000	0.00002	-0.00917	-0.00034	-0.00020	0.00000
59	0.00000	-0.00002	-0.00817	-0.00010	-0.00010	0.00000
60	0.00000	0.00006	-0.00902	-0.00047	-0.00014	0.00000
61	0.00000	0.00006	-0.00949	-0.00051	-0.00021	0.00000
62	0.00000	0.00006	-0.00901	-0.00047	-0.00014	0.00000
63	0.00000	0.00006	-0.00950	-0.00051	-0.00021	0.00000
64	0.00000	-0.00005	-0.00622	0.00022	0.00015	0.00000
65	0.00000	-0.00005	-0.00669	0.00018	0.00008	0.00000
66	0.00000	-0.00005	-0.00621	0.00022	0.00015	0.00000
67	0.00000	-0.00005	-0.00670	0.00018	0.00008	0.00000
68	0.00000	0.00008	-0.00929	-0.00054	-0.00017	0.00000
69	0.00000	0.00007	-0.00977	-0.00058	-0.00024	0.00000
70	0.00000	0.00007	-0.00929	-0.00054	-0.00017	0.00000
71	0.00000	0.00007	-0.00977	-0.00058	-0.00024	0.00000
72	0.00000	-0.00007	-0.00594	0.00029	0.00018	0.00000
73	0.00000	-0.00007	-0.00642	0.00025	0.00011	0.00000
74	0.00000	-0.00007	-0.00594	0.00029	0.00018	0.00000
75	0.00000	-0.00007	-0.00642	0.00025	0.00011	0.00000

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GLOBAL

1	0.00000	0.00000	-0.00427	0.00007	0.00001	0.00000
2	0.00000	0.00000	-0.00373	0.00002	0.00002	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00033	0.00001	0.00000	0.00000
5	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
6	0.00000	0.00000	-0.00001	0.00000	-0.00001	0.00000
7	0.00000	0.00000	0.00006	-0.00001	0.00001	0.00000
8	0.00000	0.00000	-0.00007	0.00002	-0.00001	0.00000
9	0.00001	0.00000	-0.01089	0.00012	0.00004	0.00000
10	0.00000	0.00000	-0.01092	0.00012	0.00003	0.00000
11	0.00000	0.00000	-0.01085	0.00010	0.00005	0.00000
12	0.00000	0.00000	-0.01097	0.00013	0.00003	0.00000
13	0.00001	0.00000	-0.01089	0.00012	0.00004	0.00000
14	0.00000	0.00000	-0.01091	0.00012	0.00003	0.00000
15	0.00000	0.00000	-0.01084	0.00011	0.00005	0.00000
16	0.00000	0.00000	-0.01096	0.00014	0.00003	0.00000
17	0.00001	0.00000	-0.01063	0.00011	0.00004	0.00000
18	0.00000	0.00000	-0.01067	0.00012	0.00003	0.00000
19	0.00000	0.00000	-0.01056	0.00009	0.00005	0.00000
20	0.00000	0.00000	-0.01075	0.00014	0.00002	0.00000
21	0.00000	0.00000	-0.00833	0.00009	0.00003	0.00000
22	0.00000	0.00000	-0.00835	0.00009	0.00003	0.00000

23	0.00000	0.00000	-0.00830	0.00008	0.00003	0.00000
24	0.00000	0.00000	-0.00838	0.00010	0.00002	0.00000
25	0.00000	0.00000	-0.00833	0.00009	0.00003	0.00000
26	0.00000	0.00000	-0.00834	0.00009	0.00002	0.00000
27	0.00000	0.00000	-0.00830	0.00008	0.00003	0.00000
28	0.00000	0.00000	-0.00837	0.00010	0.00002	0.00000
29	0.00001	0.00000	-0.00815	0.00009	0.00003	0.00000
30	0.00000	0.00000	-0.00818	0.00009	0.00002	0.00000
31	0.00000	0.00000	-0.00811	0.00007	0.00004	0.00000
32	0.00000	0.00000	-0.00823	0.00011	0.00002	0.00000
33	0.00000	0.00000	-0.00800	0.00009	0.00003	0.00000
34	0.00000	0.00000	-0.00807	0.00009	0.00003	0.00000
35	0.00000	0.00000	-0.00800	0.00009	0.00003	0.00000
36	0.00000	0.00000	-0.00801	0.00009	0.00002	0.00000
37	0.00000	0.00000	-0.00799	0.00008	0.00003	0.00000
38	0.00000	0.00000	-0.00802	0.00009	0.00002	0.00000
39	0.00000	0.00000	-0.00800	0.00009	0.00003	0.00000
40	0.00007	0.00000	0.00023	-0.00003	0.00011	0.00001
41	0.00009	0.00000	0.00026	-0.00004	0.00011	0.00001
42	0.00000	0.00000	0.00073	-0.00017	0.00006	0.00000
43	0.00000	0.00000	0.00084	-0.00020	0.00008	0.00000
44	0.00008	0.00000	-0.00756	0.00000	0.00015	0.00001
45	0.00008	0.00000	-0.00799	0.00010	0.00011	0.00000
46	0.00008	0.00000	-0.00752	-0.00001	0.00016	0.00001
47	0.00008	0.00000	-0.00803	0.00011	0.00011	0.00000
48	-0.00007	0.00000	-0.00802	0.00007	-0.00006	0.00000
49	-0.00007	0.00000	-0.00845	0.00017	-0.00010	-0.00001
50	-0.00007	0.00000	-0.00798	0.00006	-0.00006	-0.00001
51	-0.00007	0.00000	-0.00849	0.00018	-0.00010	-0.00001
52	0.00009	0.00000	-0.00753	-0.00001	0.00016	0.00001
53	0.00009	0.00000	-0.00796	0.00010	0.00012	0.00001
54	0.00009	0.00000	-0.00749	-0.00001	0.00016	0.00001
55	0.00009	0.00000	-0.00800	0.00010	0.00011	0.00001
56	-0.00008	0.00000	-0.00805	0.00008	-0.00007	-0.00001
57	-0.00008	0.00000	-0.00848	0.00018	-0.00010	-0.00001
58	-0.00008	0.00000	-0.00801	0.00007	-0.00006	-0.00001
59	-0.00008	0.00000	-0.00851	0.00019	-0.00011	-0.00001
60	0.00003	0.00000	-0.00721	-0.00010	0.00012	0.00000
61	-0.00002	0.00000	-0.00735	-0.00007	0.00005	0.00000
62	0.00003	0.00000	-0.00720	-0.00010	0.00012	0.00000
63	-0.00002	0.00000	-0.00736	-0.00007	0.00005	0.00000
64	0.00002	0.00000	-0.00866	0.00025	0.00000	0.00000
65	-0.00002	0.00000	-0.00880	0.00027	-0.00007	0.00000
66	0.00002	0.00000	-0.00865	0.00024	0.00000	0.00000
67	-0.00003	0.00000	-0.00881	0.00027	-0.00007	0.00000
68	0.00002	0.00000	-0.00710	-0.00012	0.00013	0.00000
69	-0.00002	0.00000	-0.00723	-0.00010	0.00007	0.00000
70	0.00003	0.00000	-0.00709	-0.00012	0.00014	0.00000
71	-0.00003	0.00000	-0.00724	-0.00010	0.00007	0.00000
72	0.00003	0.00000	-0.00877	0.00027	-0.00002	0.00000

	73	-0.00002	0.00000	-0.00891	0.00029	-0.00008	0.00000
	74	0.00003	0.00000	-0.00877	0.00027	-0.00002	0.00000
	75	-0.00002	0.00000	-0.00892	0.00030	-0.00009	0.00000
107	GLOBAL						
	1	0.00000	0.00000	-0.00421	0.00005	0.00001	0.00000
	2	0.00000	0.00000	-0.00372	0.00001	0.00002	0.00000
	3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
	4	0.00000	0.00000	-0.00032	0.00000	0.00000	0.00000
	5	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
	6	0.00000	0.00000	-0.00001	0.00000	0.00000	0.00000
	7	0.00000	0.00000	0.00005	-0.00001	0.00001	0.00000
	8	0.00000	0.00000	-0.00005	0.00001	-0.00001	0.00000
	9	0.00001	0.00000	-0.01079	0.00007	0.00005	0.00000
	10	0.00000	0.00000	-0.01081	0.00007	0.00004	0.00000
	11	0.00000	0.00000	-0.01076	0.00006	0.00005	0.00000
	12	0.00000	0.00000	-0.01084	0.00009	0.00004	0.00000
	13	0.00001	0.00000	-0.01078	0.00008	0.00005	0.00000
	14	0.00000	0.00000	-0.01080	0.00008	0.00004	0.00000
	15	0.00000	0.00000	-0.01075	0.00007	0.00005	0.00000
	16	0.00000	0.00000	-0.01083	0.00009	0.00004	0.00000
	17	0.00001	0.00000	-0.01053	0.00007	0.00005	0.00000
	18	0.00000	0.00000	-0.01056	0.00008	0.00003	0.00000
	19	0.00000	0.00000	-0.01047	0.00006	0.00005	0.00000
	20	0.00000	0.00000	-0.01062	0.00009	0.00003	0.00000
	21	0.00000	0.00000	-0.00825	0.00006	0.00004	0.00000
	22	0.00000	0.00000	-0.00826	0.00006	0.00003	0.00000
	23	0.00000	0.00000	-0.00823	0.00005	0.00004	0.00000
	24	0.00000	0.00000	-0.00829	0.00006	0.00003	0.00000
	25	0.00000	0.00000	-0.00824	0.00006	0.00003	0.00000
	26	0.00000	0.00000	-0.00826	0.00006	0.00003	0.00000
	27	0.00000	0.00000	-0.00822	0.00005	0.00004	0.00000
	28	0.00000	0.00000	-0.00828	0.00007	0.00003	0.00000
	29	0.00001	0.00000	-0.00807	0.00006	0.00003	0.00000
	30	0.00000	0.00000	-0.00810	0.00006	0.00003	0.00000
	31	0.00000	0.00000	-0.00804	0.00004	0.00004	0.00000
	32	0.00000	0.00000	-0.00814	0.00007	0.00002	0.00000
	33	0.00000	0.00000	-0.00793	0.00005	0.00003	0.00000
	34	0.00000	0.00000	-0.00799	0.00006	0.00003	0.00000
	35	0.00000	0.00000	-0.00792	0.00005	0.00003	0.00000
	36	0.00000	0.00000	-0.00793	0.00006	0.00003	0.00000
	37	0.00000	0.00000	-0.00792	0.00005	0.00003	0.00000
	38	0.00000	0.00000	-0.00794	0.00006	0.00003	0.00000
	39	0.00000	0.00000	-0.00793	0.00005	0.00003	0.00000
	40	0.00007	0.00000	0.00019	-0.00003	0.00010	0.00001
	41	0.00007	0.00000	0.00022	-0.00004	0.00010	0.00001
	42	0.00000	0.00001	0.00055	-0.00015	0.00005	0.00000
	43	0.00000	0.00001	0.00064	-0.00017	0.00006	0.00000
	44	0.00007	0.00000	-0.00757	-0.00002	0.00014	0.00001
	45	0.00007	0.00000	-0.00790	0.00007	0.00011	0.00001
	46	0.00007	0.00000	-0.00754	-0.00003	0.00014	0.00001

47	0.00007	0.00000	-0.00792	0.00007	0.00011	0.00001
48	-0.00006	0.00000	-0.00795	0.00004	-0.00005	-0.00001
49	-0.00006	0.00000	-0.00828	0.00013	-0.00008	-0.00001
50	-0.00006	0.00000	-0.00793	0.00004	-0.00005	-0.00001
51	-0.00006	0.00000	-0.00831	0.00014	-0.00009	-0.00001
52	0.00008	0.00000	-0.00754	-0.00003	0.00014	0.00001
53	0.00008	0.00000	-0.00787	0.00006	0.00012	0.00001
54	0.00008	0.00000	-0.00752	-0.00003	0.00015	0.00001
55	0.00008	0.00000	-0.00790	0.00007	0.00011	0.00001
56	-0.00007	0.00000	-0.00798	0.00005	-0.00006	-0.00001
57	-0.00007	0.00000	-0.00831	0.00014	-0.00009	-0.00001
58	-0.00007	0.00000	-0.00795	0.00004	-0.00005	-0.00001
59	-0.00007	0.00000	-0.00833	0.00014	-0.00009	-0.00001
60	0.00002	0.00001	-0.00731	-0.00010	0.00011	0.00000
61	-0.00002	0.00001	-0.00743	-0.00008	0.00005	0.00000
62	0.00003	0.00001	-0.00731	-0.00010	0.00011	0.00000
63	-0.00002	0.00001	-0.00744	-0.00008	0.00005	0.00000
64	0.00002	-0.00001	-0.00842	0.00019	0.00001	0.00000
65	-0.00002	-0.00001	-0.00854	0.00021	-0.00005	0.00000
66	0.00002	-0.00001	-0.00841	0.00019	0.00001	0.00000
67	-0.00002	-0.00001	-0.00854	0.00021	-0.00005	-0.00001
68	0.00002	0.00001	-0.00723	-0.00012	0.00012	0.00000
69	-0.00002	0.00001	-0.00734	-0.00010	0.00006	0.00000
70	0.00002	0.00001	-0.00722	-0.00013	0.00012	0.00000
71	-0.00002	0.00001	-0.00735	-0.00010	0.00006	0.00000
72	0.00002	-0.00001	-0.00851	0.00021	0.00000	0.00000
73	-0.00001	-0.00001	-0.00862	0.00023	-0.00006	0.00000
74	0.00003	-0.00001	-0.00850	0.00021	0.00000	0.00000
75	-0.00002	-0.00001	-0.00863	0.00023	-0.00006	0.00000

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GLOBAL

1	0.00000	0.00000	-0.00417	0.00002	0.00001	0.00000
2	0.00000	0.00000	-0.00371	0.00000	0.00002	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00032	0.00000	0.00000	0.00000
5	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
6	0.00000	0.00000	-0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00004	-0.00001	0.00001	0.00000
8	0.00000	0.00000	-0.00003	0.00001	-0.00001	0.00000
9	0.00001	0.00000	-0.01074	0.00002	0.00005	0.00000
10	0.00000	0.00000	-0.01076	0.00002	0.00005	0.00000
11	0.00000	0.00000	-0.01072	0.00001	0.00005	0.00000
12	0.00000	0.00000	-0.01078	0.00003	0.00005	0.00000
13	0.00001	0.00000	-0.01072	0.00002	0.00005	0.00000
14	0.00000	0.00000	-0.01074	0.00002	0.00004	0.00000
15	0.00000	0.00000	-0.01070	0.00001	0.00005	0.00000
16	0.00000	0.00000	-0.01077	0.00003	0.00004	0.00000
17	0.00001	0.00000	-0.01047	0.00002	0.00005	0.00000
18	0.00000	0.00000	-0.01051	0.00003	0.00004	0.00000
19	0.00000	0.00000	-0.01044	0.00001	0.00005	0.00000
20	0.00000	0.00000	-0.01055	0.00004	0.00004	0.00000

21	0.00000	0.00000	-0.00821	0.00002	0.00004	0.00000
22	0.00000	0.00000	-0.00822	0.00002	0.00004	0.00000
23	0.00000	0.00000	-0.00820	0.00001	0.00004	0.00000
24	0.00000	0.00000	-0.00824	0.00002	0.00003	0.00000
25	0.00000	0.00000	-0.00820	0.00002	0.00004	0.00000
26	0.00000	0.00000	-0.00821	0.00002	0.00003	0.00000
27	0.00000	0.00000	-0.00819	0.00001	0.00004	0.00000
28	0.00000	0.00000	-0.00823	0.00003	0.00003	0.00000
29	0.00001	0.00000	-0.00803	0.00002	0.00004	0.00000
30	0.00000	0.00000	-0.00806	0.00002	0.00003	0.00000
31	0.00000	0.00000	-0.00801	0.00001	0.00004	0.00000
32	0.00000	0.00000	-0.00808	0.00003	0.00003	0.00000
33	0.00000	0.00000	-0.00789	0.00002	0.00003	0.00000
34	0.00000	0.00000	-0.00795	0.00002	0.00003	0.00000
35	0.00000	0.00000	-0.00788	0.00002	0.00003	0.00000
36	0.00000	0.00000	-0.00789	0.00002	0.00003	0.00000
37	0.00000	0.00000	-0.00788	0.00002	0.00003	0.00000
38	0.00000	0.00000	-0.00789	0.00002	0.00003	0.00000
39	0.00000	0.00000	-0.00789	0.00002	0.00003	0.00000
40	0.00005	0.00000	0.00016	-0.00002	0.00009	0.00001
41	0.00006	0.00000	0.00018	-0.00003	0.00009	0.00001
42	0.00000	0.00001	0.00040	-0.00013	0.00003	0.00000
43	0.00000	0.00001	0.00046	-0.00015	0.00004	0.00000
44	0.00006	0.00000	-0.00760	-0.00005	0.00013	0.00001
45	0.00006	0.00000	-0.00784	0.00003	0.00011	0.00001
46	0.00006	0.00000	-0.00758	-0.00005	0.00013	0.00001
47	0.00006	0.00000	-0.00786	0.00004	0.00011	0.00001
48	-0.00005	0.00000	-0.00793	0.00000	-0.00004	-0.00001
49	-0.00005	0.00000	-0.00817	0.00008	-0.00006	-0.00001
50	-0.00005	0.00000	-0.00791	0.00000	-0.00004	-0.00001
51	-0.00005	0.00000	-0.00819	0.00009	-0.00007	-0.00001
52	0.00006	0.00000	-0.00759	-0.00005	0.00013	0.00001
53	0.00006	0.00000	-0.00783	0.00003	0.00011	0.00001
54	0.00006	0.00001	-0.00757	-0.00006	0.00014	0.00001
55	0.00006	0.00000	-0.00785	0.00003	0.00011	0.00001
56	-0.00006	0.00000	-0.00794	0.00001	-0.00005	-0.00001
57	-0.00006	0.00000	-0.00818	0.00009	-0.00007	-0.00001
58	-0.00006	0.00000	-0.00793	0.00000	-0.00004	-0.00001
59	-0.00006	0.00000	-0.00820	0.00009	-0.00007	-0.00001
60	0.00002	0.00001	-0.00744	-0.00012	0.00009	0.00000
61	-0.00001	0.00001	-0.00753	-0.00011	0.00004	0.00000
62	0.00002	0.00001	-0.00743	-0.00012	0.00010	0.00001
63	-0.00001	0.00001	-0.00754	-0.00011	0.00004	0.00000
64	0.00002	-0.00001	-0.00824	0.00014	0.00003	0.00000
65	-0.00001	-0.00001	-0.00833	0.00016	-0.00003	0.00000
66	0.00002	-0.00001	-0.00823	0.00014	0.00003	0.00000
67	-0.00002	-0.00001	-0.00834	0.00016	-0.00003	-0.00001
68	0.00002	0.00001	-0.00737	-0.00014	0.00010	0.00000
69	-0.00002	0.00001	-0.00747	-0.00013	0.00005	0.00000
70	0.00002	0.00001	-0.00737	-0.00014	0.00010	0.00000

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GLOBAL

71	-0.00002	0.00001	-0.00748	-0.00013	0.00005	0.00000
72	0.00002	-0.00001	-0.00830	0.00016	0.00002	0.00000
73	-0.00001	-0.00001	-0.00840	0.00018	-0.00004	0.00000
74	0.00002	-0.00001	-0.00829	0.00016	0.00002	0.00000
75	-0.00001	-0.00001	-0.00840	0.00018	-0.00004	0.00000
1	0.00000	0.00000	-0.00416	0.00000	0.00002	0.00000
2	0.00000	0.00000	-0.00372	-0.00001	0.00002	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00032	0.00000	0.00000	0.00000
5	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
6	0.00000	0.00000	-0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00003	-0.00001	0.00000	0.00000
8	0.00000	0.00000	-0.00002	0.00001	0.00000	0.00000
9	0.00001	0.00000	-0.01074	-0.00002	0.00006	0.00000
10	0.00000	0.00000	-0.01076	-0.00002	0.00005	0.00000
11	0.00000	0.00000	-0.01073	-0.00003	0.00006	0.00000
12	0.00000	0.00000	-0.01077	-0.00001	0.00005	0.00000
13	0.00001	0.00000	-0.01072	-0.00002	0.00006	0.00000
14	0.00000	0.00000	-0.01074	-0.00002	0.00005	0.00000
15	0.00000	0.00000	-0.01071	-0.00003	0.00006	0.00000
16	0.00000	0.00000	-0.01075	0.00000	0.00005	0.00000
17	0.00001	0.00000	-0.01047	-0.00001	0.00006	0.00000
18	0.00000	0.00000	-0.01050	-0.00001	0.00005	0.00000
19	0.00000	0.00000	-0.01045	-0.00003	0.00006	0.00000
20	0.00000	0.00000	-0.01052	0.00000	0.00005	0.00000
21	0.00000	0.00000	-0.00821	-0.00001	0.00004	0.00000
22	0.00000	0.00000	-0.00822	-0.00001	0.00004	0.00000
23	0.00000	0.00000	-0.00820	-0.00002	0.00004	0.00000
24	0.00000	0.00000	-0.00823	-0.00001	0.00004	0.00000
25	0.00000	0.00000	-0.00820	-0.00001	0.00004	0.00000
26	0.00000	0.00000	-0.00821	-0.00001	0.00004	0.00000
27	0.00000	0.00000	-0.00819	-0.00002	0.00004	0.00000
28	0.00000	0.00000	-0.00822	0.00000	0.00004	0.00000
29	0.00000	0.00000	-0.00803	-0.00001	0.00004	0.00000
30	0.00000	0.00000	-0.00805	-0.00001	0.00004	0.00000
31	0.00000	0.00000	-0.00802	-0.00002	0.00004	0.00000
32	0.00000	0.00000	-0.00807	0.00000	0.00004	0.00000
33	0.00000	0.00000	-0.00788	-0.00001	0.00004	0.00000
34	0.00000	0.00000	-0.00795	-0.00001	0.00004	0.00000
35	0.00000	0.00000	-0.00788	-0.00001	0.00004	0.00000
36	0.00000	0.00000	-0.00788	-0.00001	0.00004	0.00000
37	0.00000	0.00000	-0.00788	-0.00001	0.00004	0.00000
38	0.00000	0.00000	-0.00789	-0.00001	0.00004	0.00000
39	0.00000	0.00000	-0.00788	-0.00001	0.00004	0.00000
40	0.00004	0.00000	0.00014	-0.00002	0.00008	0.00001
41	0.00005	0.00000	0.00015	-0.00002	0.00008	0.00001
42	0.00000	0.00001	0.00026	-0.00013	0.00002	0.00000
43	0.00000	0.00002	0.00030	-0.00015	0.00003	0.00000
44	0.00004	0.00001	-0.00767	-0.00006	0.00012	0.00001

45	0.00004	0.00000	-0.00782	0.00001	0.00011	0.00001
46	0.00004	0.00001	-0.00765	-0.00007	0.00012	0.00001
47	0.00005	0.00000	-0.00783	0.00002	0.00011	0.00001
48	-0.00004	0.00001	-0.00794	-0.00003	-0.00003	-0.00001
49	-0.00004	0.00000	-0.00810	0.00005	-0.00005	-0.00001
50	-0.00004	0.00001	-0.00793	-0.00004	-0.00003	-0.00001
51	-0.00004	0.00000	-0.00811	0.00005	-0.00005	-0.00001
52	0.00005	0.00001	-0.00765	-0.00007	0.00012	0.00001
53	0.00005	0.00000	-0.00781	0.00001	0.00011	0.00001
54	0.00005	0.00001	-0.00764	-0.00008	0.00013	0.00001
55	0.00005	0.00000	-0.00782	0.00002	0.00011	0.00001
56	-0.00004	0.00001	-0.00796	-0.00003	-0.00004	-0.00001
57	-0.00004	0.00000	-0.00811	0.00005	-0.00005	-0.00001
58	-0.00004	0.00001	-0.00794	-0.00003	-0.00003	-0.00001
59	-0.00004	0.00000	-0.00812	0.00006	-0.00005	-0.00001
60	0.00001	0.00002	-0.00758	-0.00015	0.00008	0.00000
61	-0.00001	0.00002	-0.00767	-0.00014	0.00004	0.00000
62	0.00002	0.00002	-0.00758	-0.00015	0.00008	0.00000
63	-0.00001	0.00002	-0.00767	-0.00014	0.00003	0.00000
64	0.00002	-0.00001	-0.00810	0.00012	0.00004	0.00000
65	-0.00001	-0.00001	-0.00818	0.00013	-0.00001	0.00000
66	0.00002	-0.00001	-0.00809	0.00012	0.00004	0.00000
67	-0.00001	-0.00001	-0.00818	0.00013	-0.00001	0.00000
68	0.00001	0.00002	-0.00754	-0.00017	0.00009	0.00000
69	-0.00001	0.00002	-0.00763	-0.00016	0.00004	0.00000
70	0.00001	0.00002	-0.00754	-0.00017	0.00009	0.00000
71	-0.00001	0.00002	-0.00763	-0.00016	0.00004	0.00000
72	0.00002	-0.00002	-0.00814	0.00014	0.00003	0.00000
73	-0.00001	-0.00002	-0.00822	0.00015	-0.00001	0.00000
74	0.00002	-0.00002	-0.00813	0.00014	0.00003	0.00000
75	-0.00001	-0.00002	-0.00822	0.00015	-0.00001	0.00000

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GLOBAL

1	0.00000	0.00000	-0.00417	-0.00001	0.00002	0.00000
2	0.00000	0.00000	-0.00373	-0.00001	0.00002	0.00000
3	0.00000	0.00000	-0.00018	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00033	0.00000	0.00000	0.00000
5	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
6	0.00000	0.00000	-0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00001	-0.00001	0.00000	0.00000
8	0.00000	0.00000	-0.00001	0.00001	0.00000	0.00000
9	0.00001	0.00000	-0.01077	-0.00002	0.00006	0.00000
10	0.00000	0.00000	-0.01078	-0.00002	0.00006	0.00000
11	0.00000	0.00000	-0.01077	-0.00004	0.00006	0.00000
12	0.00000	0.00000	-0.01078	-0.00001	0.00006	0.00000
13	0.00001	0.00000	-0.01075	-0.00002	0.00006	0.00000
14	0.00000	0.00000	-0.01077	-0.00002	0.00006	0.00000
15	0.00000	0.00000	-0.01075	-0.00003	0.00006	0.00000
16	0.00000	0.00000	-0.01076	-0.00001	0.00006	0.00000
17	0.00001	0.00000	-0.01049	-0.00002	0.00006	0.00000
18	0.00000	0.00000	-0.01052	-0.00002	0.00005	0.00000

19	0.00000	0.00001	-0.01049	-0.00004	0.00006	0.00000
20	0.00000	0.00000	-0.01052	0.00000	0.00005	0.00000
21	0.00000	0.00000	-0.00823	-0.00002	0.00005	0.00000
22	0.00000	0.00000	-0.00824	-0.00002	0.00005	0.00000
23	0.00000	0.00000	-0.00823	-0.00003	0.00005	0.00000
24	0.00000	0.00000	-0.00824	-0.00001	0.00005	0.00000
25	0.00000	0.00000	-0.00822	-0.00002	0.00005	0.00000
26	0.00000	0.00000	-0.00823	-0.00002	0.00004	0.00000
27	0.00000	0.00000	-0.00822	-0.00002	0.00005	0.00000
28	0.00000	0.00000	-0.00823	-0.00001	0.00004	0.00000
29	0.00000	0.00000	-0.00805	-0.00002	0.00005	0.00000
30	0.00000	0.00000	-0.00807	-0.00002	0.00004	0.00000
31	0.00000	0.00000	-0.00805	-0.00003	0.00004	0.00000
32	0.00000	0.00000	-0.00807	0.00000	0.00004	0.00000
33	0.00000	0.00000	-0.00790	-0.00001	0.00004	0.00000
34	0.00000	0.00000	-0.00796	-0.00001	0.00004	0.00000
35	0.00000	0.00000	-0.00790	-0.00001	0.00004	0.00000
36	0.00000	0.00000	-0.00790	-0.00001	0.00004	0.00000
37	0.00000	0.00000	-0.00790	-0.00002	0.00004	0.00000
38	0.00000	0.00000	-0.00790	-0.00001	0.00004	0.00000
39	0.00000	0.00000	-0.00790	-0.00001	0.00004	0.00000
40	0.00003	0.00000	0.00013	0.00000	0.00007	0.00000
41	0.00004	0.00000	0.00013	-0.00001	0.00007	0.00001
42	0.00000	0.00002	0.00010	-0.00015	0.00001	0.00000
43	0.00000	0.00002	0.00012	-0.00017	0.00001	0.00000
44	0.00004	0.00001	-0.00774	-0.00006	0.00011	0.00000
45	0.00004	0.00000	-0.00780	0.00003	0.00011	0.00000
46	0.00004	0.00001	-0.00773	-0.00007	0.00011	0.00000
47	0.00004	0.00000	-0.00781	0.00003	0.00011	0.00000
48	-0.00003	0.00001	-0.00800	-0.00005	-0.00002	0.00000
49	-0.00003	0.00000	-0.00806	0.00003	-0.00003	0.00000
50	-0.00003	0.00001	-0.00799	-0.00006	-0.00002	0.00000
51	-0.00003	-0.00001	-0.00806	0.00004	-0.00003	0.00000
52	0.00004	0.00001	-0.00773	-0.00007	0.00011	0.00001
53	0.00004	0.00000	-0.00780	0.00002	0.00011	0.00001
54	0.00004	0.00001	-0.00773	-0.00008	0.00011	0.00001
55	0.00004	0.00000	-0.00780	0.00003	0.00011	0.00001
56	-0.00003	0.00001	-0.00800	-0.00005	-0.00003	-0.00001
57	-0.00003	0.00000	-0.00806	0.00004	-0.00003	-0.00001
58	-0.00003	0.00001	-0.00799	-0.00006	-0.00003	-0.00001
59	-0.00003	-0.00001	-0.00807	0.00005	-0.00003	-0.00001
60	0.00001	0.00002	-0.00776	-0.00016	0.00007	0.00000
61	-0.00001	0.00002	-0.00783	-0.00016	0.00003	0.00000
62	0.00001	0.00002	-0.00775	-0.00016	0.00007	0.00000
63	-0.00001	0.00002	-0.00783	-0.00016	0.00003	0.00000
64	0.00001	-0.00002	-0.00796	0.00013	0.00005	0.00000
65	-0.00001	-0.00002	-0.00804	0.00013	0.00001	0.00000
66	0.00001	-0.00002	-0.00796	0.00013	0.00005	0.00000
67	-0.00001	-0.00002	-0.00804	0.00014	0.00001	0.00000
68	0.00001	0.00002	-0.00774	-0.00019	0.00007	0.00000

	69	-0.00001	0.00002	-0.00782	-0.00018	0.00003	0.00000
	70	0.00001	0.00002	-0.00774	-0.00019	0.00007	0.00000
	71	-0.00001	0.00002	-0.00782	-0.00018	0.00003	0.00000
	72	0.00001	-0.00002	-0.00798	0.00015	0.00005	0.00000
	73	-0.00001	-0.00002	-0.00806	0.00016	0.00001	0.00000
	74	0.00001	-0.00002	-0.00798	0.00015	0.00005	0.00000
	75	-0.00001	-0.00002	-0.00806	0.00016	0.00001	0.00000
111	GLOBAL						
	1	0.00000	0.00000	-0.00417	0.00001	0.00002	0.00000
	2	0.00000	0.00000	-0.00373	0.00001	0.00002	0.00000
	3	0.00000	0.00000	-0.00018	0.00000	0.00000	0.00000
	4	0.00000	0.00000	-0.00033	0.00000	0.00000	0.00000
	5	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
	6	0.00000	0.00000	-0.00001	0.00000	0.00000	0.00000
	7	0.00000	0.00000	-0.00001	-0.00001	0.00000	0.00000
	8	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000
	9	0.00001	0.00000	-0.01077	0.00002	0.00006	0.00000
	10	0.00000	0.00000	-0.01078	0.00002	0.00006	0.00000
	11	0.00000	0.00001	-0.01078	0.00001	0.00006	0.00000
	12	0.00000	0.00000	-0.01077	0.00004	0.00006	0.00000
	13	0.00001	0.00000	-0.01075	0.00002	0.00006	0.00000
	14	0.00000	0.00000	-0.01077	0.00002	0.00006	0.00000
	15	0.00000	0.00001	-0.01076	0.00001	0.00006	0.00000
	16	0.00000	0.00000	-0.01075	0.00003	0.00006	0.00000
	17	0.00001	0.00000	-0.01049	0.00002	0.00006	0.00000
	18	0.00000	0.00000	-0.01052	0.00002	0.00005	0.00000
	19	0.00000	0.00001	-0.01052	0.00000	0.00005	0.00000
	20	0.00000	0.00000	-0.01049	0.00004	0.00006	0.00000
	21	0.00000	0.00000	-0.00823	0.00002	0.00005	0.00000
	22	0.00000	0.00000	-0.00824	0.00002	0.00005	0.00000
	23	0.00000	0.00000	-0.00824	0.00001	0.00005	0.00000
	24	0.00000	0.00000	-0.00823	0.00003	0.00005	0.00000
	25	0.00000	0.00000	-0.00822	0.00002	0.00005	0.00000
	26	0.00000	0.00000	-0.00823	0.00002	0.00004	0.00000
	27	0.00000	0.00000	-0.00823	0.00001	0.00004	0.00000
	28	0.00000	0.00000	-0.00822	0.00002	0.00005	0.00000
	29	0.00000	0.00000	-0.00805	0.00002	0.00005	0.00000
	30	0.00000	0.00000	-0.00807	0.00002	0.00004	0.00000
	31	0.00000	0.00000	-0.00807	0.00000	0.00004	0.00000
	32	0.00000	0.00000	-0.00805	0.00003	0.00004	0.00000
	33	0.00000	0.00000	-0.00790	0.00001	0.00004	0.00000
	34	0.00000	0.00000	-0.00796	0.00001	0.00004	0.00000
	35	0.00000	0.00000	-0.00790	0.00001	0.00004	0.00000
	36	0.00000	0.00000	-0.00790	0.00001	0.00004	0.00000
	37	0.00000	0.00000	-0.00790	0.00001	0.00004	0.00000
	38	0.00000	0.00000	-0.00790	0.00002	0.00004	0.00000
	39	0.00000	0.00000	-0.00790	0.00001	0.00004	0.00000
	40	0.00003	0.00000	0.00013	0.00001	0.00007	-0.00001
	41	0.00003	0.00000	0.00013	0.00000	0.00007	0.00000
	42	0.00000	0.00002	-0.00010	-0.00015	-0.00001	0.00000

43	0.00000	0.00003	-0.00012	-0.00017	-0.00001	0.00000
44	0.00004	0.00001	-0.00780	-0.00002	0.00011	-0.00001
45	0.00004	0.00000	-0.00773	0.00007	0.00011	-0.00001
46	0.00004	0.00001	-0.00780	-0.00003	0.00011	-0.00001
47	0.00004	-0.00001	-0.00773	0.00008	0.00011	-0.00001
48	-0.00003	0.00001	-0.00806	-0.00004	-0.00003	0.00001
49	-0.00003	0.00000	-0.00800	0.00005	-0.00003	0.00001
50	-0.00003	0.00001	-0.00807	-0.00005	-0.00003	0.00001
51	-0.00003	-0.00001	-0.00799	0.00006	-0.00002	0.00001
52	0.00004	0.00001	-0.00780	-0.00003	0.00011	0.00000
53	0.00004	0.00000	-0.00774	0.00006	0.00011	0.00000
54	0.00004	0.00001	-0.00781	-0.00003	0.00011	0.00000
55	0.00004	0.00000	-0.00773	0.00007	0.00011	0.00000
56	-0.00003	0.00001	-0.00806	-0.00003	-0.00003	0.00000
57	-0.00003	-0.00001	-0.00800	0.00005	-0.00002	0.00000
58	-0.00003	0.00001	-0.00806	-0.00004	-0.00003	0.00000
59	-0.00003	-0.00001	-0.00799	0.00006	-0.00002	0.00000
60	0.00001	0.00002	-0.00796	-0.00013	0.00005	0.00000
61	-0.00001	0.00002	-0.00804	-0.00014	0.00001	0.00000
62	0.00001	0.00002	-0.00796	-0.00013	0.00005	0.00000
63	-0.00001	0.00002	-0.00804	-0.00013	0.00001	0.00000
64	0.00001	-0.00002	-0.00775	0.00016	0.00007	0.00000
65	-0.00001	-0.00002	-0.00783	0.00016	0.00003	0.00000
66	0.00001	-0.00002	-0.00775	0.00016	0.00007	0.00000
67	-0.00001	-0.00002	-0.00783	0.00016	0.00003	0.00000
68	0.00001	0.00003	-0.00798	-0.00015	0.00005	0.00000
69	-0.00001	0.00003	-0.00806	-0.00016	0.00001	0.00000
70	0.00001	0.00003	-0.00798	-0.00015	0.00005	0.00000
71	-0.00001	0.00003	-0.00806	-0.00016	0.00001	0.00000
72	0.00001	-0.00002	-0.00774	0.00019	0.00007	0.00000
73	-0.00001	-0.00002	-0.00782	0.00018	0.00003	0.00000
74	0.00001	-0.00002	-0.00774	0.00019	0.00007	0.00000
75	-0.00001	-0.00002	-0.00782	0.00018	0.00003	0.00000

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GLOBAL

1	0.00000	0.00000	-0.00416	0.00000	0.00002	0.00000
2	0.00000	0.00000	-0.00372	0.00001	0.00002	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00032	0.00000	0.00000	0.00000
5	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
6	0.00000	0.00000	-0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	-0.00002	-0.00001	0.00000	0.00000
8	0.00000	0.00000	0.00003	0.00001	0.00000	0.00000
9	0.00001	0.00000	-0.01074	0.00002	0.00006	0.00000
10	0.00000	0.00000	-0.01076	0.00002	0.00005	0.00000
11	0.00000	0.00001	-0.01077	0.00001	0.00005	0.00000
12	0.00000	0.00000	-0.01073	0.00003	0.00006	0.00000
13	0.00001	0.00000	-0.01072	0.00002	0.00006	0.00000
14	0.00000	0.00000	-0.01074	0.00002	0.00005	0.00000
15	0.00000	0.00001	-0.01075	0.00000	0.00005	0.00000
16	0.00000	0.00000	-0.01071	0.00003	0.00006	0.00000

17	0.00001	0.00000	-0.01047	0.00001	0.00006	0.00000
18	0.00000	0.00000	-0.01050	0.00001	0.00005	0.00000
19	0.00000	0.00001	-0.01052	0.00000	0.00005	0.00000
20	0.00000	0.00000	-0.01045	0.00003	0.00006	0.00000
21	0.00000	0.00000	-0.00821	0.00001	0.00004	0.00000
22	0.00000	0.00000	-0.00822	0.00001	0.00004	0.00000
23	0.00000	0.00000	-0.00823	0.00001	0.00004	0.00000
24	0.00000	0.00000	-0.00820	0.00002	0.00004	0.00000
25	0.00000	0.00000	-0.00820	0.00001	0.00004	0.00000
26	0.00000	0.00000	-0.00821	0.00001	0.00004	0.00000
27	0.00000	0.00000	-0.00822	0.00000	0.00004	0.00000
28	0.00000	0.00000	-0.00819	0.00002	0.00004	0.00000
29	0.00000	0.00000	-0.00803	0.00001	0.00004	0.00000
30	0.00000	0.00000	-0.00805	0.00001	0.00004	0.00000
31	0.00000	0.00001	-0.00807	0.00000	0.00004	0.00000
32	0.00000	0.00000	-0.00802	0.00002	0.00004	0.00000
33	0.00000	0.00000	-0.00788	0.00001	0.00004	0.00000
34	0.00000	0.00000	-0.00795	0.00001	0.00004	0.00000
35	0.00000	0.00000	-0.00788	0.00001	0.00004	0.00000
36	0.00000	0.00000	-0.00788	0.00001	0.00004	0.00000
37	0.00000	0.00000	-0.00789	0.00001	0.00004	0.00000
38	0.00000	0.00000	-0.00788	0.00001	0.00004	0.00000
39	0.00000	0.00000	-0.00788	0.00001	0.00004	0.00000
40	0.00004	0.00000	0.00015	0.00002	0.00008	-0.00001
41	0.00004	0.00000	0.00014	0.00002	0.00008	-0.00001
42	0.00000	0.00002	-0.00026	-0.00013	-0.00002	0.00000
43	0.00000	0.00003	-0.00030	-0.00015	-0.00003	0.00000
44	0.00005	0.00001	-0.00781	-0.00001	0.00011	-0.00001
45	0.00005	0.00000	-0.00765	0.00007	0.00012	-0.00001
46	0.00005	0.00001	-0.00782	-0.00001	0.00011	-0.00001
47	0.00005	-0.00001	-0.00764	0.00008	0.00013	-0.00001
48	-0.00004	0.00001	-0.00811	-0.00005	-0.00005	0.00001
49	-0.00004	0.00000	-0.00796	0.00003	-0.00004	0.00001
50	-0.00004	0.00001	-0.00812	-0.00006	-0.00005	0.00001
51	-0.00004	-0.00001	-0.00794	0.00003	-0.00003	0.00001
52	0.00004	0.00001	-0.00782	-0.00001	0.00011	-0.00001
53	0.00004	0.00000	-0.00767	0.00006	0.00012	-0.00001
54	0.00004	0.00001	-0.00783	-0.00002	0.00011	-0.00001
55	0.00004	0.00000	-0.00765	0.00007	0.00012	-0.00001
56	-0.00004	0.00001	-0.00810	-0.00005	-0.00005	0.00001
57	-0.00004	-0.00001	-0.00794	0.00003	-0.00003	0.00001
58	-0.00004	0.00001	-0.00811	-0.00005	-0.00005	0.00001
59	-0.00004	-0.00001	-0.00793	0.00004	-0.00003	0.00001
60	0.00002	0.00003	-0.00809	-0.00012	0.00004	0.00000
61	-0.00001	0.00003	-0.00818	-0.00013	-0.00001	0.00000
62	0.00001	0.00003	-0.00810	-0.00012	0.00004	0.00000
63	-0.00001	0.00003	-0.00818	-0.00013	-0.00001	0.00000
64	0.00002	-0.00002	-0.00758	0.00015	0.00008	-0.00001
65	-0.00001	-0.00002	-0.00767	0.00014	0.00003	0.00000
66	0.00002	-0.00002	-0.00758	0.00015	0.00008	0.00000

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GLOBAL

67	-0.00001	-0.00002	-0.00767	0.00014	0.00004	0.00000
68	0.00002	0.00003	-0.00813	-0.00014	0.00003	0.00000
69	-0.00001	0.00003	-0.00822	-0.00015	-0.00001	0.00000
70	0.00002	0.00003	-0.00814	-0.00014	0.00003	0.00000
71	-0.00001	0.00003	-0.00822	-0.00015	-0.00001	0.00000
72	0.00001	-0.00003	-0.00754	0.00017	0.00009	0.00000
73	-0.00001	-0.00003	-0.00763	0.00016	0.00004	0.00000
74	0.00001	-0.00003	-0.00754	0.00017	0.00009	0.00000
75	-0.00001	-0.00003	-0.00763	0.00016	0.00004	0.00000
1	0.00000	0.00000	-0.00417	-0.00002	0.00001	0.00000
2	0.00000	0.00000	-0.00371	0.00000	0.00002	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00032	0.00000	0.00000	0.00000
5	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
6	0.00000	0.00000	-0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	-0.00003	-0.00001	-0.00001	0.00000
8	0.00000	0.00000	0.00004	0.00001	0.00001	0.00000
9	0.00001	0.00000	-0.01074	-0.00002	0.00005	0.00000
10	0.00000	0.00000	-0.01076	-0.00002	0.00005	0.00000
11	0.00000	0.00001	-0.01078	-0.00003	0.00005	0.00000
12	0.00000	0.00000	-0.01072	-0.00001	0.00006	0.00000
13	0.00001	0.00000	-0.01072	-0.00002	0.00005	0.00000
14	0.00000	0.00000	-0.01074	-0.00002	0.00004	0.00000
15	0.00000	0.00001	-0.01077	-0.00003	0.00004	0.00000
16	0.00000	0.00000	-0.01070	-0.00001	0.00005	0.00000
17	0.00001	0.00000	-0.01047	-0.00002	0.00005	0.00000
18	0.00000	0.00000	-0.01051	-0.00003	0.00004	0.00000
19	0.00000	0.00001	-0.01055	-0.00004	0.00004	0.00000
20	0.00000	0.00000	-0.01044	-0.00001	0.00005	0.00000
21	0.00000	0.00000	-0.00821	-0.00002	0.00004	0.00000
22	0.00000	0.00000	-0.00822	-0.00002	0.00004	0.00000
23	0.00000	0.00000	-0.00824	-0.00002	0.00003	0.00000
24	0.00000	0.00000	-0.00820	-0.00001	0.00004	0.00000
25	0.00000	0.00000	-0.00820	-0.00002	0.00004	0.00000
26	0.00000	0.00000	-0.00821	-0.00002	0.00003	0.00000
27	0.00000	0.00000	-0.00823	-0.00003	0.00003	0.00000
28	0.00000	0.00000	-0.00819	-0.00001	0.00004	0.00000
29	0.00001	0.00000	-0.00803	-0.00002	0.00004	0.00000
30	0.00000	0.00000	-0.00806	-0.00002	0.00003	0.00000
31	0.00000	0.00001	-0.00808	-0.00003	0.00003	0.00000
32	0.00000	0.00000	-0.00801	-0.00001	0.00004	0.00000
33	0.00000	0.00000	-0.00789	-0.00002	0.00003	0.00000
34	0.00000	0.00000	-0.00795	-0.00002	0.00003	0.00000
35	0.00000	0.00000	-0.00788	-0.00002	0.00003	0.00000
36	0.00000	0.00000	-0.00789	-0.00002	0.00003	0.00000
37	0.00000	0.00000	-0.00789	-0.00002	0.00003	0.00000
38	0.00000	0.00000	-0.00788	-0.00002	0.00003	0.00000
39	0.00000	0.00000	-0.00789	-0.00002	0.00003	0.00000
40	0.00006	0.00000	0.00018	0.00003	0.00009	-0.00001

41	0.00005	0.00000	0.00016	0.00002	0.00009	-0.00001
42	0.00000	0.00002	-0.00040	-0.00013	-0.00003	0.00000
43	0.00000	0.00003	-0.00046	-0.00015	-0.00004	0.00000
44	0.00006	0.00001	-0.00783	-0.00003	0.00011	-0.00001
45	0.00006	0.00000	-0.00759	0.00005	0.00013	-0.00001
46	0.00006	0.00001	-0.00785	-0.00003	0.00011	-0.00001
47	0.00006	-0.00001	-0.00757	0.00006	0.00014	-0.00001
48	-0.00006	0.00001	-0.00818	-0.00009	-0.00007	0.00001
49	-0.00006	-0.00001	-0.00794	-0.00001	-0.00005	0.00001
50	-0.00006	0.00001	-0.00820	-0.00009	-0.00007	0.00001
51	-0.00006	-0.00001	-0.00793	0.00000	-0.00004	0.00001
52	0.00005	0.00001	-0.00784	-0.00003	0.00011	-0.00001
53	0.00006	0.00000	-0.00760	0.00005	0.00013	-0.00001
54	0.00006	0.00001	-0.00786	-0.00004	0.00011	-0.00001
55	0.00006	0.00000	-0.00758	0.00005	0.00013	-0.00001
56	-0.00005	0.00001	-0.00817	-0.00008	-0.00006	0.00001
57	-0.00005	-0.00001	-0.00793	0.00000	-0.00004	0.00001
58	-0.00005	0.00001	-0.00819	-0.00009	-0.00007	0.00001
59	-0.00005	-0.00001	-0.00791	0.00000	-0.00004	0.00001
60	0.00002	0.00003	-0.00823	-0.00014	0.00003	0.00000
61	-0.00002	0.00003	-0.00834	-0.00016	-0.00003	0.00001
62	0.00002	0.00003	-0.00824	-0.00014	0.00003	0.00000
63	-0.00002	0.00003	-0.00834	-0.00016	-0.00003	0.00001
64	0.00002	-0.00002	-0.00743	0.00012	0.00010	-0.00001
65	-0.00001	-0.00002	-0.00754	0.00010	0.00004	0.00000
66	0.00002	-0.00002	-0.00744	0.00012	0.00009	-0.00001
67	-0.00001	-0.00002	-0.00753	0.00011	0.00004	0.00000
68	0.00002	0.00003	-0.00830	-0.00016	0.00002	0.00000
69	-0.00001	0.00003	-0.00840	-0.00018	-0.00004	0.00001
70	0.00002	0.00003	-0.00830	-0.00016	0.00002	0.00000
71	-0.00001	0.00003	-0.00840	-0.00018	-0.00004	0.00000
72	0.00002	-0.00003	-0.00737	0.00014	0.00010	-0.00001
73	-0.00002	-0.00003	-0.00748	0.00013	0.00005	0.00000
74	0.00002	-0.00003	-0.00737	0.00014	0.00010	0.00000
75	-0.00001	-0.00003	-0.00747	0.00013	0.00005	0.00000

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GLOBAL

1	0.00000	0.00000	-0.00421	-0.00005	0.00001	0.00000
2	0.00000	0.00000	-0.00372	-0.00001	0.00002	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00032	0.00000	0.00000	0.00000
5	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
6	0.00000	0.00000	-0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	-0.00005	-0.00001	-0.00001	0.00000
8	0.00000	0.00000	0.00005	0.00001	0.00001	0.00000
9	0.00001	0.00000	-0.01079	-0.00007	0.00005	0.00000
10	0.00000	0.00000	-0.01081	-0.00007	0.00004	0.00000
11	0.00000	0.00001	-0.01084	-0.00009	0.00004	0.00000
12	0.00000	0.00000	-0.01076	-0.00006	0.00005	0.00000
13	0.00001	0.00000	-0.01078	-0.00008	0.00005	0.00000
14	0.00000	0.00000	-0.01080	-0.00008	0.00004	0.00000

15	0.00000	0.00001	-0.01083	-0.00009	0.00004	0.00000
16	0.00000	0.00000	-0.01075	-0.00007	0.00005	0.00000
17	0.00001	0.00000	-0.01053	-0.00007	0.00005	0.00000
18	0.00000	0.00000	-0.01056	-0.00008	0.00003	0.00000
19	0.00000	0.00001	-0.01062	-0.00009	0.00003	0.00000
20	0.00000	0.00000	-0.01047	-0.00006	0.00005	0.00000
21	0.00000	0.00000	-0.00825	-0.00006	0.00004	0.00000
22	0.00000	0.00000	-0.00826	-0.00006	0.00003	0.00000
23	0.00000	0.00001	-0.00829	-0.00006	0.00003	0.00000
24	0.00000	0.00000	-0.00823	-0.00005	0.00004	0.00000
25	0.00000	0.00000	-0.00824	-0.00006	0.00003	0.00000
26	0.00000	0.00000	-0.00826	-0.00006	0.00003	0.00000
27	0.00000	0.00001	-0.00828	-0.00007	0.00003	0.00000
28	0.00000	0.00000	-0.00822	-0.00005	0.00004	0.00000
29	0.00001	0.00000	-0.00807	-0.00006	0.00003	0.00000
30	0.00000	0.00000	-0.00810	-0.00006	0.00003	0.00000
31	0.00000	0.00001	-0.00814	-0.00007	0.00002	0.00000
32	0.00000	0.00000	-0.00804	-0.00004	0.00004	0.00000
33	0.00000	0.00000	-0.00793	-0.00005	0.00003	0.00000
34	0.00000	0.00000	-0.00799	-0.00006	0.00003	0.00000
35	0.00000	0.00000	-0.00792	-0.00005	0.00003	0.00000
36	0.00000	0.00000	-0.00793	-0.00006	0.00003	0.00000
37	0.00000	0.00000	-0.00794	-0.00006	0.00003	0.00000
38	0.00000	0.00000	-0.00792	-0.00005	0.00003	0.00000
39	0.00000	0.00000	-0.00793	-0.00005	0.00003	0.00000
40	0.00007	0.00000	0.00022	0.00004	0.00010	-0.00001
41	0.00006	0.00000	0.00019	0.00003	0.00010	-0.00001
42	0.00000	0.00003	-0.00055	-0.00015	-0.00005	0.00000
43	0.00000	0.00003	-0.00064	-0.00017	-0.00006	0.00000
44	0.00007	0.00001	-0.00787	-0.00006	0.00012	-0.00001
45	0.00008	0.00000	-0.00754	0.00003	0.00014	-0.00001
46	0.00008	0.00001	-0.00790	-0.00007	0.00011	-0.00001
47	0.00008	-0.00001	-0.00752	0.00003	0.00015	-0.00001
48	-0.00007	0.00001	-0.00831	-0.00014	-0.00009	0.00001
49	-0.00007	-0.00001	-0.00798	-0.00005	-0.00006	0.00001
50	-0.00007	0.00001	-0.00833	-0.00014	-0.00009	0.00001
51	-0.00007	-0.00001	-0.00795	-0.00004	-0.00005	0.00001
52	0.00007	0.00001	-0.00790	-0.00007	0.00011	-0.00001
53	0.00007	0.00000	-0.00757	0.00002	0.00014	-0.00001
54	0.00007	0.00001	-0.00792	-0.00007	0.00011	-0.00001
55	0.00007	0.00000	-0.00754	0.00003	0.00014	-0.00001
56	-0.00006	0.00001	-0.00828	-0.00013	-0.00008	0.00001
57	-0.00006	-0.00001	-0.00795	-0.00004	-0.00005	0.00001
58	-0.00006	0.00001	-0.00831	-0.00014	-0.00009	0.00001
59	-0.00006	-0.00001	-0.00793	-0.00004	-0.00005	0.00001
60	0.00002	0.00003	-0.00841	-0.00019	0.00001	0.00000
61	-0.00002	0.00003	-0.00854	-0.00021	-0.00005	0.00001
62	0.00002	0.00003	-0.00842	-0.00019	0.00001	0.00000
63	-0.00002	0.00003	-0.00854	-0.00021	-0.00005	0.00000
64	0.00003	-0.00002	-0.00731	0.00010	0.00011	0.00000

65	-0.00001	-0.00002	-0.00744	0.00008	0.00005	0.00000
66	0.00003	-0.00002	-0.00731	0.00010	0.00011	0.00000
67	-0.00001	-0.00002	-0.00743	0.00008	0.00005	0.00000
68	0.00002	0.00003	-0.00850	-0.00021	0.00000	0.00000
69	-0.00002	0.00003	-0.00863	-0.00023	-0.00006	0.00000
70	0.00002	0.00003	-0.00851	-0.00021	0.00000	0.00000
71	-0.00002	0.00003	-0.00862	-0.00023	-0.00006	0.00000
72	0.00002	-0.00003	-0.00722	0.00012	0.00012	0.00000
73	-0.00002	-0.00003	-0.00735	0.00010	0.00006	0.00000
74	0.00002	-0.00003	-0.00723	0.00012	0.00012	0.00000
75	-0.00002	-0.00003	-0.00735	0.00010	0.00006	0.00000

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1	0.00000	0.00000	-0.00427	-0.00007	0.00001	0.00000
2	0.00000	0.00000	-0.00373	-0.00002	0.00002	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00033	-0.00001	0.00000	0.00000
5	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
6	0.00000	0.00000	-0.00001	0.00000	-0.00001	0.00000
7	0.00000	0.00000	-0.00007	-0.00002	-0.00001	0.00000
8	0.00000	0.00000	0.00006	0.00001	0.00001	0.00000
9	0.00001	0.00001	-0.01089	-0.00012	0.00004	0.00000
10	0.00000	0.00000	-0.01092	-0.00012	0.00003	0.00000
11	0.00000	0.00001	-0.01097	-0.00013	0.00003	0.00000
12	0.00000	0.00000	-0.01085	-0.00010	0.00005	0.00000
13	0.00001	0.00000	-0.01089	-0.00012	0.00004	0.00000
14	0.00000	0.00000	-0.01091	-0.00012	0.00003	0.00000
15	0.00000	0.00001	-0.01096	-0.00014	0.00003	0.00000
16	0.00000	0.00000	-0.01084	-0.00011	0.00005	0.00000
17	0.00001	0.00000	-0.01063	-0.00011	0.00004	0.00000
18	0.00000	0.00000	-0.01067	-0.00012	0.00003	0.00000
19	0.00000	0.00001	-0.01075	-0.00014	0.00002	0.00000
20	0.00000	0.00000	-0.01056	-0.00009	0.00005	0.00000
21	0.00000	0.00000	-0.00833	-0.00009	0.00003	0.00000
22	0.00000	0.00000	-0.00835	-0.00009	0.00003	0.00000
23	0.00000	0.00001	-0.00838	-0.00010	0.00002	0.00000
24	0.00000	0.00000	-0.00830	-0.00008	0.00003	0.00000
25	0.00000	0.00000	-0.00833	-0.00009	0.00003	0.00000
26	0.00000	0.00000	-0.00834	-0.00009	0.00002	0.00000
27	0.00000	0.00001	-0.00837	-0.00010	0.00002	0.00000
28	0.00000	0.00000	-0.00830	-0.00008	0.00003	0.00000
29	0.00001	0.00000	-0.00815	-0.00009	0.00003	0.00000
30	0.00000	0.00000	-0.00818	-0.00009	0.00002	0.00000
31	0.00000	0.00001	-0.00823	-0.00011	0.00002	0.00000
32	0.00000	0.00000	-0.00811	-0.00007	0.00004	0.00000
33	0.00000	0.00000	-0.00800	-0.00009	0.00003	0.00000
34	0.00000	0.00000	-0.00807	-0.00009	0.00003	0.00000
35	0.00000	0.00000	-0.00800	-0.00009	0.00003	0.00000
36	0.00000	0.00000	-0.00801	-0.00009	0.00002	0.00000
37	0.00000	0.00000	-0.00802	-0.00009	0.00002	0.00000
38	0.00000	0.00000	-0.00799	-0.00008	0.00003	0.00000

39	0.00000	0.00000	-0.00800	-0.00009	0.00003	0.00000
40	0.00008	0.00000	0.00026	0.00004	0.00011	-0.00001
41	0.00007	0.00000	0.00023	0.00003	0.00011	-0.00001
42	0.00000	0.00003	-0.00073	-0.00017	-0.00006	0.00000
43	0.00000	0.00003	-0.00084	-0.00020	-0.00008	0.00000
44	0.00009	0.00001	-0.00796	-0.00010	0.00012	-0.00001
45	0.00009	0.00000	-0.00753	0.00001	0.00016	-0.00001
46	0.00009	0.00001	-0.00800	-0.00010	0.00011	-0.00001
47	0.00009	-0.00001	-0.00749	0.00001	0.00016	-0.00001
48	-0.00008	0.00001	-0.00848	-0.00018	-0.00010	0.00001
49	-0.00008	-0.00001	-0.00805	-0.00008	-0.00007	0.00001
50	-0.00008	0.00001	-0.00851	-0.00019	-0.00011	0.00001
51	-0.00008	-0.00001	-0.00801	-0.00007	-0.00006	0.00001
52	0.00007	0.00001	-0.00799	-0.00010	0.00011	-0.00001
53	0.00008	0.00000	-0.00756	0.00000	0.00015	-0.00001
54	0.00008	0.00001	-0.00802	-0.00011	0.00011	-0.00001
55	0.00008	0.00000	-0.00752	0.00001	0.00016	-0.00001
56	-0.00007	0.00001	-0.00845	-0.00017	-0.00010	0.00001
57	-0.00007	-0.00001	-0.00802	-0.00007	-0.00006	0.00001
58	-0.00007	0.00001	-0.00849	-0.00018	-0.00010	0.00001
59	-0.00007	-0.00001	-0.00798	-0.00006	-0.00006	0.00001
60	0.00002	0.00003	-0.00865	-0.00024	0.00000	0.00000
61	-0.00003	0.00003	-0.00881	-0.00027	-0.00007	0.00000
62	0.00002	0.00003	-0.00866	-0.00024	0.00000	0.00000
63	-0.00002	0.00003	-0.00880	-0.00027	-0.00007	0.00000
64	0.00003	-0.00002	-0.00720	0.00010	0.00012	0.00000
65	-0.00002	-0.00002	-0.00736	0.00007	0.00005	0.00000
66	0.00003	-0.00002	-0.00721	0.00009	0.00012	0.00000
67	-0.00001	-0.00002	-0.00735	0.00007	0.00005	0.00000
68	0.00003	0.00004	-0.00876	-0.00027	-0.00002	0.00000
69	-0.00002	0.00004	-0.00892	-0.00029	-0.00008	0.00000
70	0.00002	0.00004	-0.00877	-0.00027	-0.00002	0.00000
71	-0.00002	0.00004	-0.00891	-0.00029	-0.00008	0.00000
72	0.00003	-0.00003	-0.00709	0.00012	0.00014	0.00000
73	-0.00002	-0.00003	-0.00724	0.00010	0.00007	0.00000
74	0.00002	-0.00003	-0.00710	0.00012	0.00013	0.00000
75	-0.00002	-0.00003	-0.00723	0.00010	0.00007	0.00000

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GLOBAL

1	0.00000	0.00000	-0.00425	0.00008	0.00000	0.00000
2	0.00000	0.00000	-0.00377	0.00002	0.00000	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00033	0.00001	0.00000	0.00000
5	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
6	-0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00004	-0.00001	0.00000	0.00000
8	0.00000	0.00000	-0.00004	0.00001	0.00000	0.00000
9	0.00001	0.00000	-0.01093	0.00014	0.00000	0.00000
10	0.00000	0.00000	-0.01093	0.00014	0.00000	0.00000
11	0.00001	0.00000	-0.01089	0.00013	0.00000	0.00000
12	0.00001	0.00000	-0.01096	0.00015	0.00000	0.00000

13	0.00001	0.00000	-0.01092	0.00015	0.00000	0.00000
14	0.00000	0.00000	-0.01091	0.00015	0.00000	0.00000
15	0.00001	0.00000	-0.01088	0.00014	0.00000	0.00000
16	0.00001	0.00000	-0.01095	0.00016	0.00000	0.00000
17	0.00001	0.00000	-0.01067	0.00014	0.00001	0.00000
18	0.00000	0.00000	-0.01067	0.00014	-0.00001	0.00000
19	0.00001	0.00000	-0.01061	0.00013	0.00000	0.00000
20	0.00000	0.00000	-0.01073	0.00016	0.00000	0.00000
21	0.00001	0.00000	-0.00835	0.00011	0.00000	0.00000
22	0.00000	0.00000	-0.00835	0.00011	0.00000	0.00000
23	0.00000	0.00000	-0.00833	0.00010	0.00000	0.00000
24	0.00000	0.00000	-0.00838	0.00012	0.00000	0.00000
25	0.00001	0.00000	-0.00835	0.00011	0.00000	0.00000
26	0.00000	0.00000	-0.00835	0.00011	0.00000	0.00000
27	0.00000	0.00000	-0.00832	0.00011	0.00000	0.00000
28	0.00000	0.00000	-0.00837	0.00012	0.00000	0.00000
29	0.00001	0.00000	-0.00818	0.00011	0.00000	0.00000
30	0.00000	0.00000	-0.00818	0.00011	0.00000	0.00000
31	0.00000	0.00000	-0.00814	0.00010	0.00000	0.00000
32	0.00000	0.00000	-0.00822	0.00012	0.00000	0.00000
33	0.00000	0.00000	-0.00802	0.00010	0.00000	0.00000
34	0.00000	0.00000	-0.00808	0.00010	0.00000	0.00000
35	0.00001	0.00000	-0.00802	0.00010	0.00000	0.00000
36	0.00000	0.00000	-0.00802	0.00010	0.00000	0.00000
37	0.00000	0.00000	-0.00801	0.00010	0.00000	0.00000
38	0.00000	0.00000	-0.00802	0.00010	0.00000	0.00000
39	0.00000	0.00000	-0.00802	0.00010	0.00000	0.00000
40	0.00012	0.00000	-0.00001	0.00000	0.00006	0.00001
41	0.00014	0.00000	-0.00001	0.00000	0.00008	0.00001
42	0.00001	0.00000	0.00056	-0.00013	-0.00001	0.00000
43	0.00000	0.00000	0.00056	-0.00013	0.00001	0.00000
44	0.00013	0.00000	-0.00785	0.00006	0.00006	0.00001
45	0.00013	0.00000	-0.00819	0.00014	0.00007	0.00001
46	0.00013	0.00000	-0.00785	0.00006	0.00007	0.00001
47	0.00013	0.00000	-0.00819	0.00014	0.00006	0.00001
48	-0.00012	0.00000	-0.00784	0.00006	-0.00007	-0.00001
49	-0.00012	0.00000	-0.00818	0.00014	-0.00006	-0.00001
50	-0.00012	0.00000	-0.00784	0.00006	-0.00006	-0.00001
51	-0.00012	0.00000	-0.00818	0.00014	-0.00007	-0.00001
52	0.00015	0.00000	-0.00785	0.00006	0.00007	0.00001
53	0.00014	0.00000	-0.00819	0.00014	0.00008	0.00001
54	0.00015	0.00000	-0.00785	0.00006	0.00008	0.00001
55	0.00015	0.00000	-0.00819	0.00014	0.00008	0.00001
56	-0.00014	0.00000	-0.00784	0.00006	-0.00008	-0.00001
57	-0.00014	0.00000	-0.00818	0.00014	-0.00007	-0.00001
58	-0.00014	0.00000	-0.00784	0.00006	-0.00008	-0.00001
59	-0.00014	0.00000	-0.00818	0.00014	-0.00008	-0.00001
60	0.00005	0.00000	-0.00745	-0.00003	0.00001	0.00000
61	-0.00002	0.00000	-0.00745	-0.00003	-0.00003	0.00000
62	0.00006	0.00000	-0.00745	-0.00003	0.00002	0.00000

63	-0.00003	0.00000	-0.00745	-0.00003	-0.00003	0.00000
64	0.00003	0.00000	-0.00858	0.00024	0.00003	0.00000
65	-0.00004	0.00000	-0.00858	0.00024	-0.00001	0.00000
66	0.00004	0.00000	-0.00858	0.00024	0.00003	0.00000
67	-0.00005	0.00000	-0.00858	0.00024	-0.00002	0.00000
68	0.00004	0.00000	-0.00745	-0.00003	0.00003	0.00000
69	-0.00003	0.00000	-0.00745	-0.00003	-0.00001	0.00000
70	0.00005	0.00000	-0.00745	-0.00003	0.00003	0.00000
71	-0.00004	0.00000	-0.00745	-0.00003	-0.00002	0.00000
72	0.00004	0.00000	-0.00858	0.00024	0.00001	0.00000
73	-0.00003	0.00000	-0.00858	0.00024	-0.00003	0.00000
74	0.00005	0.00000	-0.00858	0.00024	0.00002	0.00000
75	-0.00004	0.00000	-0.00858	0.00024	-0.00003	0.00000

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1	0.00000	0.00000	-0.00417	0.00006	0.00000	0.00000
2	0.00000	0.00000	-0.00375	0.00001	0.00000	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00032	0.00001	0.00000	0.00000
5	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
6	-0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00003	-0.00001	0.00000	0.00000
8	0.00000	0.00000	-0.00003	0.00001	0.00000	0.00000
9	0.00001	0.00000	-0.01079	0.00010	0.00000	0.00000
10	0.00000	0.00000	-0.01079	0.00010	0.00000	0.00000
11	0.00001	0.00000	-0.01076	0.00010	0.00000	0.00000
12	0.00001	0.00000	-0.01082	0.00011	0.00000	0.00000
13	0.00001	0.00000	-0.01077	0.00011	0.00000	0.00000
14	0.00000	0.00000	-0.01077	0.00011	0.00000	0.00000
15	0.00001	0.00000	-0.01075	0.00010	0.00000	0.00000
16	0.00001	0.00000	-0.01080	0.00011	0.00000	0.00000
17	0.00001	0.00000	-0.01053	0.00010	0.00001	0.00000
18	0.00000	0.00000	-0.01053	0.00010	-0.00001	0.00000
19	0.00001	0.00000	-0.01049	0.00009	0.00000	0.00000
20	0.00000	0.00000	-0.01058	0.00011	0.00000	0.00000
21	0.00001	0.00000	-0.00825	0.00008	0.00000	0.00000
22	0.00000	0.00000	-0.00825	0.00008	0.00000	0.00000
23	0.00000	0.00000	-0.00823	0.00007	0.00000	0.00000
24	0.00000	0.00000	-0.00827	0.00008	0.00000	0.00000
25	0.00001	0.00000	-0.00824	0.00008	0.00000	0.00000
26	0.00000	0.00000	-0.00824	0.00008	0.00000	0.00000
27	0.00000	0.00000	-0.00822	0.00008	0.00000	0.00000
28	0.00000	0.00000	-0.00826	0.00009	0.00000	0.00000
29	0.00001	0.00000	-0.00808	0.00008	0.00000	0.00000
30	0.00000	0.00000	-0.00808	0.00008	0.00000	0.00000
31	0.00000	0.00000	-0.00805	0.00007	0.00000	0.00000
32	0.00000	0.00000	-0.00811	0.00009	0.00000	0.00000
33	0.00000	0.00000	-0.00792	0.00007	0.00000	0.00000
34	0.00000	0.00000	-0.00798	0.00007	0.00000	0.00000
35	0.00000	0.00000	-0.00792	0.00007	0.00000	0.00000
36	0.00000	0.00000	-0.00792	0.00007	0.00000	0.00000

37	0.00000	0.00000	-0.00791	0.00007	0.00000	0.00000
38	0.00000	0.00000	-0.00792	0.00008	0.00000	0.00000
39	0.00000	0.00000	-0.00792	0.00007	0.00000	0.00000
40	0.00011	0.00000	0.00000	0.00000	0.00006	0.00002
41	0.00013	0.00000	-0.00001	0.00000	0.00007	0.00002
42	0.00001	0.00001	0.00043	-0.00011	-0.00001	0.00000
43	0.00000	0.00001	0.00043	-0.00011	0.00001	0.00000
44	0.00012	0.00000	-0.00779	0.00004	0.00006	0.00002
45	0.00011	0.00000	-0.00805	0.00011	0.00006	0.00002
46	0.00011	0.00000	-0.00779	0.00004	0.00006	0.00002
47	0.00012	0.00000	-0.00805	0.00011	0.00006	0.00002
48	-0.00011	0.00000	-0.00778	0.00004	-0.00006	-0.00002
49	-0.00011	0.00000	-0.00804	0.00011	-0.00006	-0.00002
50	-0.00011	0.00000	-0.00778	0.00004	-0.00006	-0.00002
51	-0.00011	0.00000	-0.00804	0.00011	-0.00006	-0.00002
52	0.00013	0.00000	-0.00779	0.00004	0.00007	0.00002
53	0.00013	0.00000	-0.00805	0.00011	0.00007	0.00002
54	0.00013	0.00000	-0.00779	0.00004	0.00007	0.00002
55	0.00013	0.00000	-0.00805	0.00011	0.00007	0.00002
56	-0.00012	0.00000	-0.00778	0.00004	-0.00007	-0.00002
57	-0.00012	0.00000	-0.00804	0.00011	-0.00007	-0.00002
58	-0.00012	0.00000	-0.00778	0.00004	-0.00007	-0.00002
59	-0.00012	0.00000	-0.00804	0.00011	-0.00007	-0.00002
60	0.00004	0.00001	-0.00749	-0.00004	0.00001	0.00001
61	-0.00002	0.00001	-0.00749	-0.00004	-0.00002	0.00000
62	0.00005	0.00001	-0.00749	-0.00004	0.00001	0.00001
63	-0.00003	0.00001	-0.00749	-0.00004	-0.00003	0.00000
64	0.00003	-0.00001	-0.00835	0.00018	0.00002	0.00000
65	-0.00004	-0.00001	-0.00835	0.00018	-0.00001	-0.00001
66	0.00003	-0.00001	-0.00835	0.00018	0.00003	0.00000
67	-0.00004	-0.00001	-0.00835	0.00018	-0.00001	-0.00001
68	0.00004	0.00001	-0.00749	-0.00004	0.00002	0.00000
69	-0.00003	0.00001	-0.00749	-0.00004	-0.00001	0.00000
70	0.00004	0.00001	-0.00749	-0.00004	0.00003	0.00001
71	-0.00003	0.00001	-0.00749	-0.00004	-0.00001	-0.00001
72	0.00004	-0.00001	-0.00835	0.00018	0.00001	0.00001
73	-0.00003	-0.00001	-0.00835	0.00018	-0.00002	0.00000
74	0.00004	-0.00001	-0.00835	0.00018	0.00001	0.00001
75	-0.00003	-0.00001	-0.00835	0.00018	-0.00003	-0.00001

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GLOBAL

1	0.00000	0.00000	-0.00412	0.00003	0.00000	0.00000
2	0.00000	0.00000	-0.00374	0.00000	0.00000	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00032	0.00000	0.00000	0.00000
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
6	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00002	0.00000	0.00000	0.00000
8	0.00000	0.00000	-0.00002	0.00001	0.00000	0.00000
9	0.00001	0.00000	-0.01071	0.00005	0.00000	0.00000
10	0.00000	0.00000	-0.01071	0.00005	0.00000	0.00000

11	0.00001	0.00000	-0.01069	0.00004	0.00000	0.00000
12	0.00000	0.00000	-0.01073	0.00005	0.00000	0.00000
13	0.00001	0.00000	-0.01069	0.00005	0.00000	0.00000
14	0.00000	0.00000	-0.01069	0.00005	0.00000	0.00000
15	0.00001	0.00000	-0.01067	0.00005	0.00000	0.00000
16	0.00000	0.00000	-0.01071	0.00006	0.00000	0.00000
17	0.00001	0.00000	-0.01045	0.00005	0.00001	0.00000
18	0.00000	0.00000	-0.01045	0.00005	-0.00001	0.00000
19	0.00001	0.00000	-0.01042	0.00004	0.00000	0.00000
20	0.00000	0.00000	-0.01049	0.00006	0.00000	0.00000
21	0.00001	0.00000	-0.00819	0.00004	0.00000	0.00000
22	0.00000	0.00000	-0.00819	0.00004	0.00000	0.00000
23	0.00000	0.00000	-0.00817	0.00003	0.00000	0.00000
24	0.00000	0.00000	-0.00820	0.00004	0.00000	0.00000
25	0.00001	0.00000	-0.00817	0.00004	0.00000	0.00000
26	0.00000	0.00000	-0.00817	0.00004	0.00000	0.00000
27	0.00000	0.00000	-0.00816	0.00004	0.00000	0.00000
28	0.00000	0.00000	-0.00819	0.00004	0.00000	0.00000
29	0.00001	0.00000	-0.00801	0.00004	0.00000	0.00000
30	0.00000	0.00000	-0.00801	0.00004	0.00000	0.00000
31	0.00000	0.00000	-0.00799	0.00003	0.00000	0.00000
32	0.00000	0.00000	-0.00804	0.00004	0.00000	0.00000
33	0.00000	0.00000	-0.00786	0.00004	0.00000	0.00000
34	0.00000	0.00000	-0.00792	0.00004	0.00000	0.00000
35	0.00000	0.00000	-0.00786	0.00004	0.00000	0.00000
36	0.00000	0.00000	-0.00786	0.00004	0.00000	0.00000
37	0.00000	0.00000	-0.00785	0.00003	0.00000	0.00000
38	0.00000	0.00000	-0.00786	0.00004	0.00000	0.00000
39	0.00000	0.00000	-0.00786	0.00004	0.00000	0.00000
40	0.00009	0.00000	0.00000	0.00000	0.00005	0.00002
41	0.00010	0.00000	0.00000	0.00000	0.00006	0.00002
42	0.00001	0.00001	0.00032	-0.00010	0.00000	0.00000
43	0.00000	0.00001	0.00032	-0.00010	0.00000	0.00000
44	0.00010	0.00000	-0.00777	0.00001	0.00005	0.00002
45	0.00009	0.00000	-0.00796	0.00007	0.00005	0.00002
46	0.00010	0.00000	-0.00777	0.00001	0.00005	0.00002
47	0.00010	0.00000	-0.00796	0.00007	0.00005	0.00002
48	-0.00009	0.00000	-0.00776	0.00001	-0.00005	-0.00002
49	-0.00009	0.00000	-0.00795	0.00007	-0.00005	-0.00002
50	-0.00009	0.00000	-0.00776	0.00001	-0.00005	-0.00002
51	-0.00009	0.00000	-0.00795	0.00007	-0.00005	-0.00002
52	0.00011	0.00000	-0.00777	0.00001	0.00006	0.00002
53	0.00010	0.00000	-0.00796	0.00007	0.00006	0.00002
54	0.00011	0.00000	-0.00777	0.00001	0.00006	0.00002
55	0.00011	0.00000	-0.00796	0.00007	0.00006	0.00002
56	-0.00010	0.00000	-0.00776	0.00001	-0.00006	-0.00002
57	-0.00010	0.00000	-0.00795	0.00007	-0.00006	-0.00002
58	-0.00010	0.00000	-0.00776	0.00001	-0.00006	-0.00002
59	-0.00010	0.00000	-0.00795	0.00007	-0.00006	-0.00002
60	0.00004	0.00001	-0.00754	-0.00006	0.00001	0.00001

61	-0.00002	0.00001	-0.00754	-0.00006	-0.00002	0.00000
62	0.00004	0.00001	-0.00754	-0.00006	0.00001	0.00001
63	-0.00002	0.00001	-0.00754	-0.00006	-0.00002	0.00000
64	0.00003	-0.00001	-0.00817	0.00014	0.00002	0.00000
65	-0.00003	-0.00001	-0.00817	0.00014	-0.00001	-0.00001
66	0.00003	-0.00001	-0.00817	0.00014	0.00002	0.00000
67	-0.00003	-0.00001	-0.00817	0.00014	-0.00001	-0.00001
68	0.00003	0.00001	-0.00754	-0.00006	0.00002	0.00001
69	-0.00002	0.00001	-0.00754	-0.00006	-0.00001	-0.00001
70	0.00003	0.00001	-0.00754	-0.00006	0.00002	0.00001
71	-0.00003	0.00001	-0.00754	-0.00006	-0.00001	-0.00001
72	0.00003	-0.00001	-0.00817	0.00014	0.00001	0.00001
73	-0.00002	-0.00001	-0.00817	0.00014	-0.00002	-0.00001
74	0.00003	-0.00001	-0.00817	0.00014	0.00001	0.00001
75	-0.00003	-0.00001	-0.00817	0.00014	-0.00002	-0.00001

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GLOBAL

1	0.00000	0.00000	-0.00409	0.00001	0.00000	0.00000
2	0.00000	0.00000	-0.00374	0.00000	0.00000	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00032	0.00000	0.00000	0.00000
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
6	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00002	-0.00001	0.00000	0.00000
8	0.00000	0.00000	-0.00001	0.00001	0.00000	0.00000
9	0.00001	0.00000	-0.01068	0.00000	0.00000	0.00000
10	0.00000	0.00000	-0.01068	0.00000	0.00000	0.00000
11	0.00000	0.00000	-0.01067	0.00000	0.00000	0.00000
12	0.00000	0.00000	-0.01070	0.00001	0.00000	0.00000
13	0.00001	0.00000	-0.01066	0.00000	0.00000	0.00000
14	0.00000	0.00000	-0.01066	0.00000	0.00000	0.00000
15	0.00000	0.00000	-0.01064	0.00000	0.00000	0.00000
16	0.00000	0.00000	-0.01067	0.00001	0.00000	0.00000
17	0.00001	0.00000	-0.01042	0.00001	0.00000	0.00000
18	0.00000	0.00000	-0.01042	0.00001	0.00000	0.00000
19	0.00000	0.00001	-0.01040	0.00000	0.00000	0.00000
20	0.00000	0.00000	-0.01045	0.00002	0.00000	0.00000
21	0.00001	0.00000	-0.00817	0.00000	0.00000	0.00000
22	0.00000	0.00000	-0.00817	0.00000	0.00000	0.00000
23	0.00000	0.00000	-0.00816	0.00000	0.00000	0.00000
24	0.00000	0.00000	-0.00818	0.00001	0.00000	0.00000
25	0.00001	0.00000	-0.00815	0.00000	0.00000	0.00000
26	0.00000	0.00000	-0.00815	0.00000	0.00000	0.00000
27	0.00000	0.00000	-0.00814	0.00000	0.00000	0.00000
28	0.00000	0.00000	-0.00816	0.00001	0.00000	0.00000
29	0.00001	0.00000	-0.00799	0.00000	0.00000	0.00000
30	0.00000	0.00000	-0.00799	0.00000	0.00000	0.00000
31	0.00000	0.00000	-0.00798	0.00000	0.00000	0.00000
32	0.00000	0.00000	-0.00801	0.00001	0.00000	0.00000
33	0.00000	0.00000	-0.00784	0.00000	0.00000	0.00000
34	0.00000	0.00000	-0.00790	0.00000	0.00000	0.00000

35	0.00000	0.00000	-0.00784	0.00000	0.00000	0.00000
36	0.00000	0.00000	-0.00784	0.00000	0.00000	0.00000
37	0.00000	0.00000	-0.00783	0.00000	0.00000	0.00000
38	0.00000	0.00000	-0.00784	0.00001	0.00000	0.00000
39	0.00000	0.00000	-0.00784	0.00000	0.00000	0.00000
40	0.00007	0.00000	0.00000	0.00000	0.00004	0.00002
41	0.00008	0.00000	0.00000	0.00000	0.00005	0.00002
42	0.00000	0.00001	0.00021	-0.00010	0.00000	0.00000
43	0.00000	0.00001	0.00021	-0.00010	0.00000	0.00000
44	0.00008	0.00001	-0.00778	-0.00003	0.00004	0.00002
45	0.00008	0.00000	-0.00790	0.00003	0.00004	0.00002
46	0.00008	0.00001	-0.00778	-0.00003	0.00004	0.00002
47	0.00008	0.00000	-0.00790	0.00003	0.00004	0.00002
48	-0.00007	0.00001	-0.00777	-0.00003	-0.00004	-0.00001
49	-0.00007	0.00000	-0.00789	0.00003	-0.00004	-0.00002
50	-0.00007	0.00001	-0.00777	-0.00003	-0.00004	-0.00002
51	-0.00007	0.00000	-0.00789	0.00003	-0.00004	-0.00002
52	0.00008	0.00001	-0.00778	-0.00003	0.00005	0.00002
53	0.00008	0.00000	-0.00790	0.00003	0.00005	0.00002
54	0.00008	0.00001	-0.00778	-0.00003	0.00005	0.00002
55	0.00008	0.00000	-0.00790	0.00003	0.00005	0.00002
56	-0.00007	0.00001	-0.00777	-0.00003	-0.00005	-0.00002
57	-0.00008	0.00000	-0.00789	0.00003	-0.00005	-0.00002
58	-0.00007	0.00001	-0.00777	-0.00003	-0.00005	-0.00002
59	-0.00007	0.00000	-0.00789	0.00003	-0.00005	-0.00002
60	0.00003	0.00002	-0.00763	-0.00010	0.00001	0.00001
61	-0.00002	0.00002	-0.00763	-0.00010	-0.00002	0.00000
62	0.00003	0.00002	-0.00763	-0.00010	0.00001	0.00001
63	-0.00002	0.00002	-0.00763	-0.00010	-0.00002	0.00000
64	0.00002	-0.00001	-0.00804	0.00011	0.00002	0.00000
65	-0.00002	-0.00001	-0.00804	0.00011	-0.00001	-0.00001
66	0.00002	-0.00001	-0.00804	0.00011	0.00002	0.00000
67	-0.00002	-0.00001	-0.00804	0.00011	-0.00001	-0.00001
68	0.00002	0.00002	-0.00763	-0.00010	0.00002	0.00000
69	-0.00002	0.00002	-0.00763	-0.00010	-0.00001	0.00000
70	0.00003	0.00002	-0.00763	-0.00010	0.00002	0.00001
71	-0.00002	0.00002	-0.00763	-0.00010	-0.00001	-0.00001
72	0.00003	-0.00001	-0.00804	0.00011	0.00001	0.00001
73	-0.00002	-0.00001	-0.00804	0.00011	-0.00002	0.00000
74	0.00003	-0.00001	-0.00804	0.00011	0.00001	0.00001
75	-0.00002	-0.00001	-0.00804	0.00011	-0.00002	-0.00001
1	0.00000	0.00000	-0.00409	0.00000	0.00000	0.00000
2	0.00000	0.00000	-0.00375	0.00000	0.00000	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00032	0.00000	0.00000	0.00000
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
6	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00001	-0.00001	0.00000	0.00000
8	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000

9	0.00001	0.00000	-0.01069	-0.00001	0.00000	0.00000
10	0.00000	0.00000	-0.01069	-0.00001	0.00000	0.00000
11	0.00000	0.00001	-0.01068	-0.00002	0.00000	0.00000
12	0.00000	0.00000	-0.01070	0.00000	0.00000	0.00000
13	0.00001	0.00000	-0.01067	-0.00001	0.00000	0.00000
14	0.00000	0.00000	-0.01067	-0.00001	0.00000	0.00000
15	0.00000	0.00001	-0.01066	-0.00002	0.00000	0.00000
16	0.00000	0.00000	-0.01067	0.00000	0.00000	0.00000
17	0.00001	0.00000	-0.01043	-0.00001	0.00000	0.00000
18	0.00000	0.00000	-0.01043	-0.00001	0.00000	0.00000
19	0.00000	0.00001	-0.01042	-0.00003	0.00000	0.00000
20	0.00000	0.00000	-0.01044	0.00000	0.00000	0.00000
21	0.00001	0.00000	-0.00817	-0.00001	0.00000	0.00000
22	0.00000	0.00000	-0.00817	-0.00001	0.00000	0.00000
23	0.00000	0.00000	-0.00817	-0.00002	0.00000	0.00000
24	0.00000	0.00000	-0.00818	0.00000	0.00000	0.00000
25	0.00001	0.00000	-0.00816	-0.00001	0.00000	0.00000
26	0.00000	0.00000	-0.00816	-0.00001	0.00000	0.00000
27	0.00000	0.00000	-0.00815	-0.00002	0.00000	0.00000
28	0.00000	0.00000	-0.00816	0.00000	0.00000	0.00000
29	0.00001	0.00000	-0.00800	-0.00001	0.00000	0.00000
30	0.00000	0.00000	-0.00800	-0.00001	0.00000	0.00000
31	0.00000	0.00000	-0.00799	-0.00002	0.00000	0.00000
32	0.00000	0.00000	-0.00800	0.00000	0.00000	0.00000
33	0.00000	0.00000	-0.00784	-0.00001	0.00000	0.00000
34	0.00000	0.00000	-0.00790	-0.00001	0.00000	0.00000
35	0.00000	0.00000	-0.00784	-0.00001	0.00000	0.00000
36	0.00000	0.00000	-0.00784	-0.00001	0.00000	0.00000
37	0.00000	0.00000	-0.00784	-0.00001	0.00000	0.00000
38	0.00000	0.00000	-0.00784	-0.00001	0.00000	0.00000
39	0.00000	0.00000	-0.00784	-0.00001	0.00000	0.00000
40	0.00006	0.00000	0.00000	0.00000	0.00004	0.00001
41	0.00006	0.00000	0.00000	0.00000	0.00004	0.00001
42	0.00000	0.00002	0.00009	-0.00012	0.00000	0.00000
43	0.00000	0.00002	0.00009	-0.00012	0.00000	0.00000
44	0.00006	0.00001	-0.00782	-0.00004	0.00004	0.00001
45	0.00006	0.00000	-0.00787	0.00003	0.00004	0.00001
46	0.00006	0.00001	-0.00782	-0.00004	0.00004	0.00001
47	0.00006	0.00000	-0.00787	0.00003	0.00004	0.00001
48	-0.00006	0.00001	-0.00781	-0.00004	-0.00004	-0.00001
49	-0.00006	0.00000	-0.00786	0.00003	-0.00004	-0.00001
50	-0.00006	0.00001	-0.00781	-0.00004	-0.00004	-0.00001
51	-0.00006	0.00000	-0.00786	0.00003	-0.00004	-0.00001
52	0.00006	0.00001	-0.00782	-0.00004	0.00004	0.00001
53	0.00006	0.00000	-0.00787	0.00003	0.00004	0.00001
54	0.00006	0.00001	-0.00782	-0.00004	0.00004	0.00001
55	0.00006	0.00000	-0.00787	0.00003	0.00004	0.00001
56	-0.00006	0.00001	-0.00781	-0.00004	-0.00004	-0.00001
57	-0.00006	0.00000	-0.00786	0.00003	-0.00004	-0.00001
58	-0.00006	0.00001	-0.00781	-0.00004	-0.00004	-0.00001

59	-0.00006	0.00000	-0.00786	0.00003	-0.00004	-0.00001
60	0.00002	0.00002	-0.00776	-0.00013	0.00001	0.00000
61	-0.00001	0.00002	-0.00775	-0.00013	-0.00001	0.00000
62	0.00002	0.00002	-0.00776	-0.00013	0.00001	0.00000
63	-0.00001	0.00002	-0.00775	-0.00013	-0.00001	0.00000
64	0.00002	-0.00002	-0.00793	0.00011	0.00001	0.00000
65	-0.00002	-0.00002	-0.00793	0.00011	-0.00001	0.00000
66	0.00002	-0.00002	-0.00793	0.00011	0.00001	0.00000
67	-0.00002	-0.00002	-0.00793	0.00011	-0.00001	0.00000
68	0.00002	0.00002	-0.00776	-0.00013	0.00001	0.00000
69	-0.00001	0.00002	-0.00775	-0.00013	-0.00001	0.00000
70	0.00002	0.00002	-0.00776	-0.00013	0.00001	0.00000
71	-0.00002	0.00002	-0.00775	-0.00013	-0.00001	0.00000
72	0.00002	-0.00002	-0.00793	0.00011	0.00001	0.00000
73	-0.00001	-0.00002	-0.00793	0.00011	-0.00001	0.00000
74	0.00002	-0.00002	-0.00793	0.00011	0.00001	0.00000
75	-0.00002	-0.00002	-0.00793	0.00011	-0.00001	0.00000

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GLOBAL

1	0.00000	0.00000	-0.00409	0.00000	0.00000	0.00000
2	0.00000	0.00000	-0.00375	0.00000	0.00000	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00032	0.00000	0.00000	0.00000
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
6	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00000	-0.00001	0.00000	0.00000
8	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000
9	0.00001	0.00000	-0.01069	0.00001	0.00000	0.00000
10	0.00000	0.00000	-0.01069	0.00001	0.00000	0.00000
11	0.00000	0.00001	-0.01070	0.00000	0.00000	0.00000
12	0.00000	0.00000	-0.01068	0.00002	0.00000	0.00000
13	0.00001	0.00000	-0.01067	0.00001	0.00000	0.00000
14	0.00000	0.00000	-0.01067	0.00001	0.00000	0.00000
15	0.00000	0.00001	-0.01067	0.00000	0.00000	0.00000
16	0.00000	0.00000	-0.01066	0.00002	0.00000	0.00000
17	0.00001	0.00000	-0.01043	0.00001	0.00000	0.00000
18	0.00000	0.00000	-0.01043	0.00001	0.00000	0.00000
19	0.00000	0.00001	-0.01044	0.00000	0.00000	0.00000
20	0.00000	0.00000	-0.01042	0.00003	0.00000	0.00000
21	0.00001	0.00000	-0.00817	0.00001	0.00000	0.00000
22	0.00000	0.00000	-0.00817	0.00001	0.00000	0.00000
23	0.00000	0.00000	-0.00818	0.00000	0.00000	0.00000
24	0.00000	0.00000	-0.00817	0.00002	0.00000	0.00000
25	0.00001	0.00000	-0.00816	0.00001	0.00000	0.00000
26	0.00000	0.00000	-0.00816	0.00001	0.00000	0.00000
27	0.00000	0.00000	-0.00816	0.00000	0.00000	0.00000
28	0.00000	0.00000	-0.00815	0.00002	0.00000	0.00000
29	0.00001	0.00000	-0.00800	0.00001	0.00000	0.00000
30	0.00000	0.00000	-0.00800	0.00001	0.00000	0.00000
31	0.00000	0.00001	-0.00800	0.00000	0.00000	0.00000
32	0.00000	0.00000	-0.00799	0.00002	0.00000	0.00000

7	0.00000	0.00000	-0.00001	-0.00001	0.00000	0.00000
8	0.00000	0.00000	0.00002	0.00001	0.00000	0.00000
9	0.00001	0.00000	-0.01068	0.00000	0.00000	0.00000
10	0.00000	0.00000	-0.01068	0.00000	0.00000	0.00000
11	0.00000	0.00001	-0.01070	-0.00001	0.00000	0.00000
12	0.00000	0.00000	-0.01067	0.00000	0.00000	0.00000
13	0.00001	0.00000	-0.01066	0.00000	0.00000	0.00000
14	0.00000	0.00000	-0.01066	0.00000	0.00000	0.00000
15	0.00000	0.00001	-0.01067	-0.00001	0.00000	0.00000
16	0.00000	0.00000	-0.01064	0.00000	0.00000	0.00000
17	0.00001	0.00000	-0.01042	-0.00001	0.00000	0.00000
18	0.00000	0.00000	-0.01042	-0.00001	0.00000	0.00000
19	0.00000	0.00001	-0.01045	-0.00002	0.00000	0.00000
20	0.00000	0.00000	-0.01040	0.00000	0.00000	0.00000
21	0.00001	0.00000	-0.00817	0.00000	0.00000	0.00000
22	0.00000	0.00000	-0.00817	0.00000	0.00000	0.00000
23	0.00000	0.00000	-0.00818	-0.00001	0.00000	0.00000
24	0.00000	0.00000	-0.00816	0.00000	0.00000	0.00000
25	0.00001	0.00000	-0.00815	0.00000	0.00000	0.00000
26	0.00000	0.00000	-0.00815	0.00000	0.00000	0.00000
27	0.00000	0.00000	-0.00816	-0.00001	0.00000	0.00000
28	0.00000	0.00000	-0.00814	0.00000	0.00000	0.00000
29	0.00001	0.00000	-0.00799	0.00000	0.00000	0.00000
30	0.00000	0.00000	-0.00799	0.00000	0.00000	0.00000
31	0.00000	0.00001	-0.00801	-0.00001	0.00000	0.00000
32	0.00000	0.00000	-0.00798	0.00000	0.00000	0.00000
33	0.00000	0.00000	-0.00784	0.00000	0.00000	0.00000
34	0.00000	0.00000	-0.00790	0.00000	0.00000	0.00000
35	0.00000	0.00000	-0.00784	0.00000	0.00000	0.00000
36	0.00000	0.00000	-0.00784	0.00000	0.00000	0.00000
37	0.00000	0.00000	-0.00784	-0.00001	0.00000	0.00000
38	0.00000	0.00000	-0.00783	0.00000	0.00000	0.00000
39	0.00000	0.00000	-0.00784	0.00000	0.00000	0.00000
40	0.00008	0.00000	0.00000	0.00000	0.00005	-0.00002
41	0.00007	0.00000	0.00000	0.00000	0.00004	-0.00001
42	0.00000	0.00002	-0.00021	-0.00010	0.00000	0.00000
43	0.00000	0.00002	-0.00021	-0.00010	0.00000	0.00000
44	0.00008	0.00001	-0.00790	-0.00003	0.00005	-0.00002
45	0.00008	0.00000	-0.00778	0.00003	0.00005	-0.00002
46	0.00008	0.00001	-0.00790	-0.00003	0.00005	-0.00002
47	0.00008	0.00000	-0.00778	0.00003	0.00005	-0.00002
48	-0.00007	0.00001	-0.00789	-0.00003	-0.00005	0.00002
49	-0.00007	0.00000	-0.00777	0.00003	-0.00005	0.00002
50	-0.00007	0.00001	-0.00789	-0.00003	-0.00005	0.00002
51	-0.00007	0.00000	-0.00777	0.00003	-0.00005	0.00002
52	0.00007	0.00001	-0.00790	-0.00003	0.00004	-0.00001
53	0.00008	0.00000	-0.00778	0.00003	0.00004	-0.00002
54	0.00008	0.00001	-0.00790	-0.00003	0.00004	-0.00001
55	0.00008	0.00000	-0.00778	0.00003	0.00004	-0.00001
56	-0.00007	0.00001	-0.00789	-0.00003	-0.00004	0.00002

57	-0.00007	0.00000	-0.00777	0.00003	-0.00004	0.00001
58	-0.00007	0.00001	-0.00789	-0.00003	-0.00004	0.00001
59	-0.00007	0.00000	-0.00777	0.00003	-0.00004	0.00001
60	0.00002	0.00003	-0.00804	-0.00011	0.00002	0.00000
61	-0.00002	0.00003	-0.00804	-0.00011	-0.00001	0.00001
62	0.00002	0.00003	-0.00804	-0.00011	0.00002	0.00000
63	-0.00002	0.00003	-0.00804	-0.00011	-0.00001	0.00001
64	0.00003	-0.00002	-0.00763	0.00010	0.00001	-0.00001
65	-0.00002	-0.00002	-0.00763	0.00010	-0.00002	0.00000
66	0.00003	-0.00002	-0.00763	0.00010	0.00001	-0.00001
67	-0.00002	-0.00002	-0.00763	0.00010	-0.00002	0.00000
68	0.00003	0.00003	-0.00804	-0.00011	0.00001	-0.00001
69	-0.00002	0.00003	-0.00804	-0.00011	-0.00002	0.00001
70	0.00003	0.00003	-0.00804	-0.00011	0.00001	0.00000
71	-0.00002	0.00003	-0.00804	-0.00011	-0.00002	0.00000
72	0.00003	-0.00002	-0.00763	0.00010	0.00002	-0.00001
73	-0.00002	-0.00002	-0.00763	0.00010	-0.00001	0.00001
74	0.00002	-0.00002	-0.00763	0.00010	0.00002	0.00000
75	-0.00002	-0.00002	-0.00763	0.00010	-0.00001	0.00000

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GLOBAL

1	0.00000	0.00000	-0.00412	-0.00003	0.00000	0.00000
2	0.00000	0.00000	-0.00374	0.00000	0.00000	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00032	0.00000	0.00000	0.00000
5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
6	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
7	0.00000	0.00000	-0.00002	-0.00001	0.00000	0.00000
8	0.00000	0.00000	0.00002	0.00000	0.00000	0.00000
9	0.00001	0.00000	-0.01071	-0.00005	0.00000	0.00000
10	0.00000	0.00000	-0.01071	-0.00005	0.00000	0.00000
11	0.00000	0.00001	-0.01073	-0.00005	0.00000	0.00000
12	0.00001	0.00000	-0.01069	-0.00004	0.00000	0.00000
13	0.00001	0.00000	-0.01069	-0.00005	0.00000	0.00000
14	0.00000	0.00000	-0.01069	-0.00005	0.00000	0.00000
15	0.00000	0.00001	-0.01071	-0.00006	0.00000	0.00000
16	0.00001	0.00000	-0.01067	-0.00005	0.00000	0.00000
17	0.00001	0.00000	-0.01045	-0.00005	0.00001	0.00000
18	0.00000	0.00000	-0.01045	-0.00005	-0.00001	0.00000
19	0.00000	0.00001	-0.01049	-0.00006	0.00000	0.00000
20	0.00001	0.00000	-0.01042	-0.00004	0.00000	0.00000
21	0.00001	0.00000	-0.00819	-0.00004	0.00000	0.00000
22	0.00000	0.00000	-0.00819	-0.00004	0.00000	0.00000
23	0.00000	0.00001	-0.00820	-0.00004	0.00000	0.00000
24	0.00000	0.00000	-0.00817	-0.00003	0.00000	0.00000
25	0.00001	0.00000	-0.00817	-0.00004	0.00000	0.00000
26	0.00000	0.00000	-0.00817	-0.00004	0.00000	0.00000
27	0.00000	0.00001	-0.00819	-0.00004	0.00000	0.00000
28	0.00000	0.00000	-0.00816	-0.00004	0.00000	0.00000
29	0.00001	0.00000	-0.00801	-0.00004	0.00000	0.00000
30	0.00000	0.00000	-0.00801	-0.00004	0.00000	0.00000

31	0.00000	0.00001	-0.00804	-0.00004	0.00000	0.00000
32	0.00000	0.00000	-0.00799	-0.00003	0.00000	0.00000
33	0.00000	0.00000	-0.00786	-0.00004	0.00000	0.00000
34	0.00000	0.00000	-0.00792	-0.00004	0.00000	0.00000
35	0.00000	0.00000	-0.00786	-0.00004	0.00000	0.00000
36	0.00000	0.00000	-0.00786	-0.00004	0.00000	0.00000
37	0.00000	0.00000	-0.00786	-0.00004	0.00000	0.00000
38	0.00000	0.00000	-0.00785	-0.00003	0.00000	0.00000
39	0.00000	0.00000	-0.00786	-0.00004	0.00000	0.00000
40	0.00010	0.00000	0.00000	0.00000	0.00006	-0.00002
41	0.00009	0.00000	0.00000	0.00000	0.00005	-0.00002
42	0.00000	0.00002	-0.00032	-0.00010	0.00000	0.00000
43	0.00000	0.00002	-0.00032	-0.00010	0.00000	0.00000
44	0.00010	0.00001	-0.00796	-0.00007	0.00006	-0.00002
45	0.00010	0.00000	-0.00777	-0.00001	0.00006	-0.00002
46	0.00010	0.00001	-0.00796	-0.00007	0.00006	-0.00002
47	0.00010	0.00000	-0.00777	-0.00001	0.00006	-0.00002
48	-0.00010	0.00001	-0.00795	-0.00007	-0.00006	0.00002
49	-0.00010	0.00000	-0.00776	-0.00001	-0.00006	0.00002
50	-0.00010	0.00001	-0.00795	-0.00007	-0.00006	0.00002
51	-0.00010	0.00000	-0.00776	-0.00001	-0.00006	0.00002
52	0.00009	0.00001	-0.00796	-0.00007	0.00005	-0.00002
53	0.00010	0.00000	-0.00777	-0.00001	0.00005	-0.00002
54	0.00009	0.00001	-0.00796	-0.00007	0.00005	-0.00002
55	0.00009	0.00000	-0.00777	-0.00001	0.00005	-0.00002
56	-0.00009	0.00001	-0.00795	-0.00007	-0.00005	0.00002
57	-0.00009	0.00000	-0.00776	-0.00001	-0.00005	0.00002
58	-0.00009	0.00001	-0.00795	-0.00007	-0.00005	0.00002
59	-0.00009	0.00000	-0.00776	-0.00001	-0.00005	0.00002
60	0.00003	0.00003	-0.00817	-0.00014	0.00002	0.00000
61	-0.00003	0.00003	-0.00817	-0.00014	-0.00001	0.00001
62	0.00003	0.00003	-0.00817	-0.00014	0.00002	0.00000
63	-0.00003	0.00003	-0.00817	-0.00014	-0.00001	0.00001
64	0.00004	-0.00002	-0.00754	0.00006	0.00001	-0.00001
65	-0.00002	-0.00002	-0.00754	0.00006	-0.00002	0.00000
66	0.00004	-0.00002	-0.00754	0.00006	0.00001	-0.00001
67	-0.00002	-0.00002	-0.00754	0.00006	-0.00002	0.00000
68	0.00003	0.00003	-0.00817	-0.00014	0.00001	-0.00001
69	-0.00003	0.00003	-0.00817	-0.00014	-0.00002	0.00001
70	0.00003	0.00003	-0.00817	-0.00014	0.00001	-0.00001
71	-0.00002	0.00003	-0.00817	-0.00014	-0.00002	0.00001
72	0.00003	-0.00002	-0.00754	0.00006	0.00002	-0.00001
73	-0.00003	-0.00002	-0.00754	0.00006	-0.00001	0.00001
74	0.00003	-0.00002	-0.00754	0.00006	0.00002	-0.00001
75	-0.00002	-0.00002	-0.00754	0.00006	-0.00001	0.00001
1	0.00000	0.00000	-0.00417	-0.00006	0.00000	0.00000
2	0.00000	0.00000	-0.00375	-0.00001	0.00000	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00032	-0.00001	0.00000	0.00000

5	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
6	-0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
7	0.00000	0.00000	-0.00003	-0.00001	0.00000	0.00000
8	0.00000	0.00000	0.00003	0.00001	0.00000	0.00000
9	0.00001	0.00000	-0.01079	-0.00010	0.00000	0.00000
10	0.00000	0.00000	-0.01079	-0.00010	0.00000	0.00000
11	0.00001	0.00001	-0.01082	-0.00011	0.00000	0.00000
12	0.00001	0.00000	-0.01076	-0.00010	0.00000	0.00000
13	0.00001	0.00000	-0.01077	-0.00011	0.00000	0.00000
14	0.00000	0.00000	-0.01077	-0.00011	0.00000	0.00000
15	0.00001	0.00001	-0.01080	-0.00011	0.00000	0.00000
16	0.00001	0.00000	-0.01075	-0.00010	0.00000	0.00000
17	0.00001	0.00000	-0.01053	-0.00010	0.00001	0.00000
18	0.00000	0.00000	-0.01053	-0.00010	-0.00001	0.00000
19	0.00000	0.00001	-0.01058	-0.00011	0.00000	0.00000
20	0.00001	0.00000	-0.01049	-0.00009	0.00000	0.00000
21	0.00001	0.00000	-0.00825	-0.00008	0.00000	0.00000
22	0.00000	0.00000	-0.00825	-0.00008	0.00000	0.00000
23	0.00000	0.00001	-0.00827	-0.00008	0.00000	0.00000
24	0.00000	0.00000	-0.00823	-0.00007	0.00000	0.00000
25	0.00001	0.00000	-0.00824	-0.00008	0.00000	0.00000
26	0.00000	0.00000	-0.00824	-0.00008	0.00000	0.00000
27	0.00000	0.00001	-0.00826	-0.00009	0.00000	0.00000
28	0.00000	0.00000	-0.00822	-0.00008	0.00000	0.00000
29	0.00001	0.00000	-0.00808	-0.00008	0.00000	0.00000
30	0.00000	0.00000	-0.00808	-0.00008	0.00000	0.00000
31	0.00000	0.00001	-0.00811	-0.00009	0.00000	0.00000
32	0.00000	0.00000	-0.00805	-0.00007	0.00000	0.00000
33	0.00000	0.00000	-0.00792	-0.00007	0.00000	0.00000
34	0.00000	0.00000	-0.00798	-0.00007	0.00000	0.00000
35	0.00000	0.00000	-0.00792	-0.00007	0.00000	0.00000
36	0.00000	0.00000	-0.00792	-0.00007	0.00000	0.00000
37	0.00000	0.00000	-0.00792	-0.00008	0.00000	0.00000
38	0.00000	0.00000	-0.00791	-0.00007	0.00000	0.00000
39	0.00000	0.00000	-0.00792	-0.00007	0.00000	0.00000
40	0.00012	0.00000	-0.00001	0.00000	0.00007	-0.00002
41	0.00011	0.00000	0.00000	0.00000	0.00006	-0.00002
42	-0.00001	0.00003	-0.00043	-0.00011	0.00001	0.00000
43	0.00000	0.00003	-0.00043	-0.00011	-0.00001	0.00000
44	0.00013	0.00001	-0.00805	-0.00011	0.00007	-0.00002
45	0.00013	0.00000	-0.00779	-0.00004	0.00007	-0.00002
46	0.00013	0.00001	-0.00805	-0.00011	0.00007	-0.00002
47	0.00013	0.00000	-0.00779	-0.00004	0.00007	-0.00002
48	-0.00012	0.00001	-0.00804	-0.00011	-0.00007	0.00002
49	-0.00012	0.00000	-0.00778	-0.00004	-0.00007	0.00002
50	-0.00012	0.00001	-0.00804	-0.00011	-0.00007	0.00002
51	-0.00012	0.00000	-0.00778	-0.00004	-0.00007	0.00002
52	0.00011	0.00001	-0.00805	-0.00011	0.00006	-0.00002
53	0.00012	0.00000	-0.00779	-0.00004	0.00006	-0.00002
54	0.00011	0.00001	-0.00805	-0.00011	0.00006	-0.00002

55	0.00011	0.00000	-0.00779	-0.00004	0.00006	-0.00002
56	-0.00011	0.00001	-0.00804	-0.00011	-0.00006	0.00002
57	-0.00010	0.00000	-0.00778	-0.00004	-0.00006	0.00002
58	-0.00011	0.00001	-0.00804	-0.00011	-0.00006	0.00002
59	-0.00011	0.00000	-0.00778	-0.00004	-0.00006	0.00002
60	0.00003	0.00003	-0.00835	-0.00018	0.00003	0.00000
61	-0.00004	0.00003	-0.00835	-0.00018	-0.00001	0.00001
62	0.00003	0.00003	-0.00835	-0.00018	0.00002	0.00000
63	-0.00004	0.00003	-0.00835	-0.00018	-0.00001	0.00001
64	0.00005	-0.00002	-0.00749	0.00004	0.00001	-0.00001
65	-0.00003	-0.00002	-0.00749	0.00004	-0.00003	0.00000
66	0.00004	-0.00002	-0.00749	0.00004	0.00001	-0.00001
67	-0.00002	-0.00002	-0.00749	0.00004	-0.00002	0.00000
68	0.00004	0.00003	-0.00835	-0.00018	0.00001	-0.00001
69	-0.00003	0.00003	-0.00835	-0.00018	-0.00003	0.00001
70	0.00004	0.00003	-0.00835	-0.00018	0.00001	-0.00001
71	-0.00003	0.00003	-0.00835	-0.00018	-0.00002	0.00000
72	0.00004	-0.00002	-0.00749	0.00004	0.00003	-0.00001
73	-0.00003	-0.00002	-0.00749	0.00004	-0.00001	0.00001
74	0.00004	-0.00002	-0.00749	0.00004	0.00002	-0.00001
75	-0.00003	-0.00002	-0.00749	0.00004	-0.00001	0.00000

125 GLOBAL

1	0.00000	0.00000	-0.00425	-0.00008	0.00000	0.00000
2	0.00000	0.00000	-0.00377	-0.00002	0.00000	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00033	-0.00001	0.00000	0.00000
5	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
6	-0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
7	0.00000	0.00000	-0.00004	-0.00001	0.00000	0.00000
8	0.00000	0.00000	0.00004	0.00001	0.00000	0.00000
9	0.00001	0.00000	-0.01093	-0.00014	0.00000	0.00000
10	0.00000	0.00000	-0.01093	-0.00014	0.00000	0.00000
11	0.00001	0.00001	-0.01096	-0.00015	0.00000	0.00000
12	0.00001	0.00000	-0.01089	-0.00013	0.00000	0.00000
13	0.00001	0.00000	-0.01092	-0.00015	0.00000	0.00000
14	0.00000	0.00000	-0.01091	-0.00015	0.00000	0.00000
15	0.00001	0.00001	-0.01095	-0.00016	0.00000	0.00000
16	0.00001	0.00000	-0.01088	-0.00014	0.00000	0.00000
17	0.00001	0.00000	-0.01067	-0.00014	0.00001	0.00000
18	0.00000	0.00000	-0.01067	-0.00014	-0.00001	0.00000
19	0.00000	0.00001	-0.01073	-0.00016	0.00000	0.00000
20	0.00001	0.00000	-0.01061	-0.00013	0.00000	0.00000
21	0.00001	0.00000	-0.00835	-0.00011	0.00000	0.00000
22	0.00000	0.00000	-0.00835	-0.00011	0.00000	0.00000
23	0.00000	0.00001	-0.00838	-0.00012	0.00000	0.00000
24	0.00000	0.00000	-0.00833	-0.00010	0.00000	0.00000
25	0.00001	0.00000	-0.00835	-0.00011	0.00000	0.00000
26	0.00000	0.00000	-0.00835	-0.00011	0.00000	0.00000
27	0.00000	0.00001	-0.00837	-0.00012	0.00000	0.00000
28	0.00000	0.00000	-0.00832	-0.00011	0.00000	0.00000

29	0.00001	0.00000	-0.00818	-0.00011	0.00000	0.00000
30	0.00000	0.00000	-0.00818	-0.00011	0.00000	0.00000
31	0.00000	0.00001	-0.00822	-0.00012	0.00000	0.00000
32	0.00000	0.00000	-0.00814	-0.00010	0.00000	0.00000
33	0.00000	0.00000	-0.00802	-0.00010	0.00000	0.00000
34	0.00000	0.00000	-0.00808	-0.00010	0.00000	0.00000
35	0.00001	0.00000	-0.00802	-0.00010	0.00000	0.00000
36	0.00000	0.00000	-0.00802	-0.00010	0.00000	0.00000
37	0.00000	0.00000	-0.00802	-0.00010	0.00000	0.00000
38	0.00000	0.00000	-0.00801	-0.00010	0.00000	0.00000
39	0.00000	0.00000	-0.00802	-0.00010	0.00000	0.00000
40	0.00014	0.00000	-0.00001	0.00000	0.00008	-0.00001
41	0.00012	0.00000	-0.00001	0.00000	0.00006	-0.00001
42	-0.00001	0.00003	-0.00056	-0.00013	0.00001	0.00000
43	0.00000	0.00003	-0.00056	-0.00013	-0.00001	0.00000
44	0.00014	0.00001	-0.00819	-0.00014	0.00008	-0.00001
45	0.00015	0.00000	-0.00785	-0.00006	0.00007	-0.00001
46	0.00015	0.00001	-0.00819	-0.00014	0.00008	-0.00001
47	0.00015	0.00000	-0.00785	-0.00006	0.00008	-0.00001
48	-0.00014	0.00001	-0.00818	-0.00014	-0.00007	0.00001
49	-0.00014	0.00000	-0.00784	-0.00006	-0.00008	0.00001
50	-0.00014	0.00001	-0.00818	-0.00014	-0.00008	0.00001
51	-0.00014	0.00000	-0.00784	-0.00006	-0.00008	0.00001
52	0.00013	0.00001	-0.00819	-0.00014	0.00007	-0.00001
53	0.00013	0.00000	-0.00785	-0.00006	0.00006	-0.00001
54	0.00013	0.00001	-0.00819	-0.00014	0.00006	-0.00001
55	0.00013	0.00000	-0.00785	-0.00006	0.00007	-0.00001
56	-0.00012	0.00001	-0.00818	-0.00014	-0.00006	0.00001
57	-0.00012	0.00000	-0.00784	-0.00006	-0.00007	0.00001
58	-0.00012	0.00001	-0.00818	-0.00014	-0.00007	0.00001
59	-0.00012	0.00000	-0.00784	-0.00006	-0.00006	0.00001
60	0.00004	0.00003	-0.00858	-0.00024	0.00003	0.00000
61	-0.00005	0.00003	-0.00858	-0.00024	-0.00002	0.00001
62	0.00003	0.00003	-0.00858	-0.00024	0.00003	0.00000
63	-0.00004	0.00003	-0.00858	-0.00024	-0.00001	0.00000
64	0.00006	-0.00002	-0.00746	0.00003	0.00002	-0.00001
65	-0.00003	-0.00002	-0.00745	0.00003	-0.00003	0.00000
66	0.00005	-0.00002	-0.00746	0.00003	0.00001	0.00000
67	-0.00002	-0.00002	-0.00745	0.00003	-0.00003	0.00000
68	0.00005	0.00003	-0.00858	-0.00024	0.00002	0.00000
69	-0.00004	0.00003	-0.00858	-0.00024	-0.00003	0.00000
70	0.00004	0.00003	-0.00858	-0.00024	0.00001	0.00000
71	-0.00003	0.00003	-0.00858	-0.00024	-0.00003	0.00000
72	0.00005	-0.00002	-0.00746	0.00003	0.00003	0.00000
73	-0.00004	-0.00002	-0.00745	0.00003	-0.00002	0.00000
74	0.00004	-0.00002	-0.00745	0.00003	0.00003	0.00000
75	-0.00003	-0.00002	-0.00745	0.00003	-0.00001	0.00000
1	0.00000	0.00000	-0.00427	0.00007	-0.00001	0.00000
2	0.00000	0.00000	-0.00373	0.00002	-0.00002	0.00000

3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00033	0.00001	0.00000	0.00000
5	0.00001	0.00000	-0.00001	0.00000	0.00000	0.00000
6	-0.00001	0.00000	0.00002	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00006	-0.00001	-0.00001	0.00000
8	0.00000	0.00000	-0.00007	0.00002	0.00001	0.00000
9	0.00002	0.00000	-0.01092	0.00012	-0.00003	0.00000
10	0.00000	0.00000	-0.01089	0.00012	-0.00004	0.00000
11	0.00001	0.00000	-0.01085	0.00010	-0.00005	0.00000
12	0.00001	0.00000	-0.01097	0.00013	-0.00003	0.00000
13	0.00002	0.00000	-0.01091	0.00012	-0.00003	0.00000
14	0.00000	0.00000	-0.01089	0.00012	-0.00004	0.00000
15	0.00001	0.00000	-0.01084	0.00011	-0.00005	0.00000
16	0.00001	0.00000	-0.01096	0.00014	-0.00003	0.00000
17	0.00002	0.00000	-0.01067	0.00012	-0.00003	0.00000
18	0.00000	0.00000	-0.01063	0.00011	-0.00004	0.00000
19	0.00001	0.00000	-0.01056	0.00009	-0.00005	0.00000
20	0.00001	0.00000	-0.01075	0.00014	-0.00002	0.00000
21	0.00001	0.00000	-0.00835	0.00009	-0.00003	0.00000
22	0.00000	0.00000	-0.00833	0.00009	-0.00003	0.00000
23	0.00001	0.00000	-0.00830	0.00008	-0.00003	0.00000
24	0.00001	0.00000	-0.00838	0.00010	-0.00002	0.00000
25	0.00001	0.00000	-0.00834	0.00009	-0.00002	0.00000
26	0.00000	0.00000	-0.00832	0.00009	-0.00003	0.00000
27	0.00001	0.00000	-0.00830	0.00008	-0.00003	0.00000
28	0.00001	0.00000	-0.00837	0.00010	-0.00002	0.00000
29	0.00001	0.00000	-0.00818	0.00009	-0.00002	0.00000
30	0.00000	0.00000	-0.00815	0.00009	-0.00003	0.00000
31	0.00001	0.00000	-0.00811	0.00007	-0.00004	0.00000
32	0.00001	0.00000	-0.00823	0.00011	-0.00002	0.00000
33	0.00001	0.00000	-0.00800	0.00009	-0.00003	0.00000
34	0.00001	0.00000	-0.00807	0.00009	-0.00003	0.00000
35	0.00001	0.00000	-0.00801	0.00009	-0.00002	0.00000
36	0.00000	0.00000	-0.00800	0.00009	-0.00003	0.00000
37	0.00001	0.00000	-0.00799	0.00008	-0.00003	0.00000
38	0.00001	0.00000	-0.00802	0.00009	-0.00002	0.00000
39	0.00001	0.00000	-0.00800	0.00009	-0.00003	0.00000
40	0.00015	0.00000	-0.00023	0.00004	0.00010	0.00001
41	0.00017	0.00000	-0.00026	0.00004	0.00011	0.00001
42	0.00001	0.00000	0.00084	-0.00020	-0.00008	0.00000
43	0.00000	0.00000	0.00073	-0.00017	-0.00006	0.00000
44	0.00016	0.00000	-0.00799	0.00006	0.00005	0.00001
45	0.00015	0.00000	-0.00849	0.00018	0.00010	0.00001
46	0.00016	0.00000	-0.00802	0.00007	0.00006	0.00001
47	0.00016	0.00000	-0.00846	0.00017	0.00010	0.00001
48	-0.00014	0.00000	-0.00752	-0.00001	-0.00015	-0.00001
49	-0.00015	0.00000	-0.00802	0.00011	-0.00011	-0.00001
50	-0.00014	0.00000	-0.00755	0.00000	-0.00015	-0.00001
51	-0.00015	0.00000	-0.00799	0.00010	-0.00011	-0.00001
52	0.00018	0.00000	-0.00802	0.00007	0.00006	0.00001

53	0.00017	0.00000	-0.00852	0.00019	0.00011	0.00001
54	0.00018	0.00000	-0.00805	0.00008	0.00006	0.00001
55	0.00018	0.00000	-0.00849	0.00018	0.00010	0.00001
56	-0.00016	0.00000	-0.00749	-0.00001	-0.00016	-0.00001
57	-0.00017	0.00000	-0.00799	0.00010	-0.00011	-0.00001
58	-0.00017	0.00000	-0.00752	-0.00001	-0.00015	-0.00001
59	-0.00017	0.00000	-0.00796	0.00010	-0.00012	-0.00001
60	0.00007	0.00000	-0.00723	-0.00010	-0.00007	0.00000
61	-0.00003	0.00000	-0.00709	-0.00012	-0.00013	0.00000
62	0.00007	0.00000	-0.00724	-0.00010	-0.00007	0.00001
63	-0.00003	0.00000	-0.00709	-0.00012	-0.00014	0.00000
64	0.00004	0.00000	-0.00891	0.00029	0.00008	0.00000
65	-0.00005	0.00000	-0.00877	0.00027	0.00002	0.00000
66	0.00004	0.00000	-0.00892	0.00030	0.00008	0.00000
67	-0.00006	0.00000	-0.00876	0.00027	0.00002	0.00000
68	0.00005	0.00000	-0.00735	-0.00007	-0.00006	0.00000
69	-0.00004	0.00000	-0.00721	-0.00010	-0.00012	0.00000
70	0.00006	0.00000	-0.00736	-0.00007	-0.00005	0.00000
71	-0.00004	0.00000	-0.00720	-0.00010	-0.00012	0.00000
72	0.00005	0.00000	-0.00880	0.00027	0.00007	0.00000
73	-0.00004	0.00000	-0.00866	0.00025	0.00000	0.00000
74	0.00006	0.00000	-0.00881	0.00027	0.00007	0.00000
75	-0.00005	0.00000	-0.00865	0.00024	0.00000	0.00000

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GLOBAL

1	0.00000	0.00000	-0.00421	0.00005	-0.00001	0.00000
2	0.00000	0.00000	-0.00372	0.00001	-0.00002	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00032	0.00000	0.00000	0.00000
5	0.00001	0.00000	-0.00001	0.00000	0.00000	0.00000
6	-0.00001	0.00000	0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00005	-0.00001	-0.00001	0.00000
8	0.00000	0.00000	-0.00005	0.00001	0.00001	0.00000
9	0.00001	0.00000	-0.01081	0.00007	-0.00004	0.00000
10	0.00000	0.00000	-0.01079	0.00007	-0.00005	0.00000
11	0.00001	0.00000	-0.01076	0.00006	-0.00005	0.00000
12	0.00001	0.00000	-0.01084	0.00009	-0.00004	0.00000
13	0.00001	0.00000	-0.01080	0.00008	-0.00004	0.00000
14	0.00000	0.00000	-0.01078	0.00008	-0.00005	0.00000
15	0.00001	0.00000	-0.01075	0.00007	-0.00005	0.00000
16	0.00001	0.00000	-0.01083	0.00009	-0.00004	0.00000
17	0.00002	0.00000	-0.01056	0.00008	-0.00003	0.00000
18	0.00000	0.00000	-0.01053	0.00007	-0.00005	0.00000
19	0.00001	0.00000	-0.01047	0.00006	-0.00005	0.00000
20	0.00001	0.00000	-0.01062	0.00009	-0.00003	0.00000
21	0.00001	0.00000	-0.00826	0.00006	-0.00003	0.00000
22	0.00000	0.00000	-0.00825	0.00006	-0.00004	0.00000
23	0.00001	0.00000	-0.00823	0.00005	-0.00004	0.00000
24	0.00001	0.00000	-0.00829	0.00006	-0.00003	0.00000
25	0.00001	0.00000	-0.00826	0.00006	-0.00003	0.00000
26	0.00000	0.00000	-0.00824	0.00006	-0.00003	0.00000

27	0.00001	0.00000	-0.00822	0.00005	-0.00004	0.00000
28	0.00001	0.00000	-0.00828	0.00007	-0.00003	0.00000
29	0.00001	0.00000	-0.00810	0.00006	-0.00003	0.00000
30	0.00000	0.00000	-0.00807	0.00006	-0.00003	0.00000
31	0.00001	0.00000	-0.00804	0.00004	-0.00004	0.00000
32	0.00000	0.00000	-0.00814	0.00007	-0.00002	0.00000
33	0.00001	0.00000	-0.00793	0.00005	-0.00003	0.00000
34	0.00001	0.00000	-0.00799	0.00006	-0.00003	0.00000
35	0.00001	0.00000	-0.00793	0.00006	-0.00003	0.00000
36	0.00000	0.00000	-0.00792	0.00005	-0.00003	0.00000
37	0.00001	0.00000	-0.00792	0.00005	-0.00003	0.00000
38	0.00001	0.00000	-0.00794	0.00006	-0.00003	0.00000
39	0.00001	0.00000	-0.00793	0.00005	-0.00003	0.00000
40	0.00013	0.00000	-0.00020	0.00003	0.00009	0.00002
41	0.00015	0.00000	-0.00022	0.00004	0.00010	0.00002
42	0.00001	0.00001	0.00064	-0.00017	-0.00006	0.00000
43	0.00000	0.00001	0.00055	-0.00015	-0.00005	0.00000
44	0.00014	0.00000	-0.00793	0.00004	0.00005	0.00002
45	0.00014	0.00000	-0.00831	0.00014	0.00008	0.00002
46	0.00014	0.00000	-0.00796	0.00004	0.00005	0.00002
47	0.00014	0.00000	-0.00829	0.00013	0.00008	0.00002
48	-0.00013	0.00000	-0.00754	-0.00003	-0.00014	-0.00002
49	-0.00013	0.00000	-0.00792	0.00007	-0.00011	-0.00002
50	-0.00013	0.00000	-0.00756	-0.00002	-0.00014	-0.00002
51	-0.00013	0.00000	-0.00789	0.00007	-0.00011	-0.00002
52	0.00016	0.00000	-0.00795	0.00004	0.00005	0.00002
53	0.00015	0.00000	-0.00834	0.00014	0.00009	0.00002
54	0.00016	0.00000	-0.00798	0.00005	0.00005	0.00002
55	0.00016	0.00000	-0.00831	0.00014	0.00008	0.00002
56	-0.00014	0.00000	-0.00751	-0.00003	-0.00015	-0.00002
57	-0.00015	0.00000	-0.00790	0.00007	-0.00011	-0.00002
58	-0.00015	0.00000	-0.00754	-0.00003	-0.00014	-0.00002
59	-0.00015	0.00000	-0.00787	0.00006	-0.00011	-0.00002
60	0.00006	0.00001	-0.00735	-0.00010	-0.00006	0.00001
61	-0.00002	0.00001	-0.00723	-0.00012	-0.00012	0.00000
62	0.00006	0.00001	-0.00735	-0.00010	-0.00006	0.00001
63	-0.00003	0.00001	-0.00722	-0.00013	-0.00012	0.00000
64	0.00003	-0.00001	-0.00862	0.00023	0.00006	0.00000
65	-0.00005	-0.00001	-0.00851	0.00021	0.00000	-0.00001
66	0.00004	-0.00001	-0.00863	0.00023	0.00006	0.00001
67	-0.00005	-0.00001	-0.00850	0.00021	0.00000	-0.00001
68	0.00005	0.00001	-0.00743	-0.00008	-0.00005	0.00001
69	-0.00003	0.00001	-0.00731	-0.00010	-0.00011	-0.00001
70	0.00005	0.00001	-0.00744	-0.00008	-0.00005	0.00001
71	-0.00004	0.00001	-0.00731	-0.00010	-0.00011	-0.00001
72	0.00004	-0.00001	-0.00854	0.00021	0.00005	0.00001
73	-0.00004	-0.00001	-0.00842	0.00019	-0.00001	0.00000
74	0.00005	-0.00001	-0.00854	0.00021	0.00005	0.00001
75	-0.00004	-0.00001	-0.00841	0.00019	-0.00001	-0.00001

1	0.00000	0.00000	-0.00417	0.00002	-0.00001	0.00000
2	0.00000	0.00000	-0.00371	0.00000	-0.00002	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00032	0.00000	0.00000	0.00000
5	0.00001	0.00000	-0.00001	0.00000	0.00000	0.00000
6	-0.00001	0.00000	0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00004	-0.00001	-0.00001	0.00000
8	0.00000	0.00000	-0.00003	0.00001	0.00001	0.00000
9	0.00001	0.00000	-0.01076	0.00002	-0.00005	0.00000
10	0.00000	0.00000	-0.01074	0.00002	-0.00005	0.00000
11	0.00001	0.00000	-0.01072	0.00001	-0.00005	0.00000
12	0.00001	0.00000	-0.01078	0.00003	-0.00005	0.00000
13	0.00001	0.00000	-0.01074	0.00002	-0.00004	0.00000
14	0.00000	0.00000	-0.01072	0.00002	-0.00005	0.00000
15	0.00001	0.00000	-0.01070	0.00001	-0.00005	0.00000
16	0.00001	0.00000	-0.01077	0.00003	-0.00004	0.00000
17	0.00001	0.00000	-0.01051	0.00003	-0.00004	0.00000
18	0.00000	0.00000	-0.01047	0.00002	-0.00005	0.00000
19	0.00001	0.00000	-0.01044	0.00001	-0.00005	0.00000
20	0.00001	0.00000	-0.01055	0.00004	-0.00004	0.00000
21	0.00001	0.00000	-0.00822	0.00002	-0.00004	0.00000
22	0.00000	0.00000	-0.00821	0.00002	-0.00004	0.00000
23	0.00001	0.00000	-0.00820	0.00001	-0.00004	0.00000
24	0.00000	0.00000	-0.00824	0.00002	-0.00003	0.00000
25	0.00001	0.00000	-0.00821	0.00002	-0.00003	0.00000
26	0.00000	0.00000	-0.00820	0.00002	-0.00004	0.00000
27	0.00001	0.00000	-0.00819	0.00001	-0.00004	0.00000
28	0.00000	0.00000	-0.00823	0.00003	-0.00003	0.00000
29	0.00001	0.00000	-0.00806	0.00002	-0.00003	0.00000
30	0.00000	0.00000	-0.00803	0.00002	-0.00004	0.00000
31	0.00001	0.00000	-0.00801	0.00001	-0.00004	0.00000
32	0.00000	0.00000	-0.00808	0.00003	-0.00003	0.00000
33	0.00000	0.00000	-0.00789	0.00002	-0.00003	0.00000
34	0.00000	0.00000	-0.00795	0.00002	-0.00003	0.00000
35	0.00001	0.00000	-0.00789	0.00002	-0.00003	0.00000
36	0.00000	0.00000	-0.00788	0.00002	-0.00003	0.00000
37	0.00000	0.00000	-0.00788	0.00002	-0.00003	0.00000
38	0.00000	0.00000	-0.00789	0.00002	-0.00003	0.00000
39	0.00000	0.00000	-0.00789	0.00002	-0.00003	0.00000
40	0.00011	0.00000	-0.00017	0.00003	0.00009	0.00002
41	0.00012	0.00000	-0.00018	0.00003	0.00009	0.00003
42	0.00001	0.00001	0.00046	-0.00015	-0.00004	0.00000
43	0.00000	0.00001	0.00040	-0.00013	-0.00003	0.00000
44	0.00012	0.00000	-0.00791	0.00000	0.00004	0.00002
45	0.00011	0.00000	-0.00819	0.00009	0.00006	0.00002
46	0.00012	0.00000	-0.00793	0.00000	0.00004	0.00002
47	0.00012	0.00000	-0.00817	0.00008	0.00006	0.00002
48	-0.00010	0.00000	-0.00758	-0.00005	-0.00013	-0.00002
49	-0.00011	0.00000	-0.00786	0.00004	-0.00011	-0.00002
50	-0.00011	0.00000	-0.00760	-0.00005	-0.00013	-0.00002

51	-0.00011	0.00000	-0.00784	0.00003	-0.00011	-0.00002
52	0.00013	0.00000	-0.00793	0.00000	0.00004	0.00003
53	0.00013	0.00000	-0.00821	0.00009	0.00007	0.00003
54	0.00013	0.00000	-0.00795	0.00001	0.00004	0.00003
55	0.00013	0.00000	-0.00819	0.00009	0.00006	0.00003
56	-0.00012	0.00000	-0.00756	-0.00006	-0.00013	-0.00003
57	-0.00012	0.00000	-0.00784	0.00003	-0.00011	-0.00003
58	-0.00012	0.00000	-0.00758	-0.00005	-0.00013	-0.00003
59	-0.00012	0.00000	-0.00782	0.00003	-0.00011	-0.00003
60	0.00005	0.00001	-0.00747	-0.00013	-0.00005	0.00001
61	-0.00002	0.00001	-0.00737	-0.00014	-0.00010	0.00000
62	0.00005	0.00001	-0.00748	-0.00013	-0.00005	0.00001
63	-0.00002	0.00001	-0.00737	-0.00014	-0.00010	0.00000
64	0.00003	-0.00001	-0.00840	0.00018	0.00004	0.00000
65	-0.00004	-0.00001	-0.00830	0.00016	-0.00002	-0.00001
66	0.00003	-0.00001	-0.00840	0.00018	0.00004	0.00001
67	-0.00004	-0.00001	-0.00829	0.00016	-0.00002	-0.00001
68	0.00004	0.00001	-0.00753	-0.00011	-0.00004	0.00001
69	-0.00003	0.00001	-0.00743	-0.00012	-0.00009	-0.00001
70	0.00004	0.00001	-0.00754	-0.00011	-0.00004	0.00001
71	-0.00003	0.00001	-0.00743	-0.00012	-0.00009	-0.00001
72	0.00004	-0.00001	-0.00834	0.00016	0.00003	0.00001
73	-0.00003	-0.00001	-0.00824	0.00014	-0.00002	-0.00001
74	0.00004	-0.00001	-0.00834	0.00016	0.00003	0.00001
75	-0.00003	-0.00001	-0.00823	0.00014	-0.00003	-0.00001

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GLOBAL

1	0.00000	0.00000	-0.00416	0.00000	-0.00002	0.00000
2	0.00000	0.00000	-0.00372	-0.00001	-0.00002	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00032	0.00000	0.00000	0.00000
5	0.00000	0.00000	-0.00001	0.00000	0.00000	0.00000
6	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00003	-0.00001	0.00000	0.00000
8	0.00000	0.00000	-0.00002	0.00001	0.00000	0.00000
9	0.00001	0.00000	-0.01076	-0.00002	-0.00005	0.00000
10	0.00000	0.00000	-0.01074	-0.00002	-0.00006	0.00000
11	0.00001	0.00000	-0.01073	-0.00003	-0.00006	0.00000
12	0.00001	0.00000	-0.01077	-0.00001	-0.00005	0.00000
13	0.00001	0.00000	-0.01074	-0.00002	-0.00005	0.00000
14	0.00000	0.00000	-0.01072	-0.00002	-0.00006	0.00000
15	0.00001	0.00000	-0.01071	-0.00003	-0.00006	0.00000
16	0.00001	0.00000	-0.01075	0.00000	-0.00005	0.00000
17	0.00001	0.00000	-0.01050	-0.00001	-0.00005	0.00000
18	0.00000	0.00000	-0.01047	-0.00001	-0.00005	0.00000
19	0.00001	0.00000	-0.01045	-0.00003	-0.00006	0.00000
20	0.00001	0.00000	-0.01052	0.00000	-0.00005	0.00000
21	0.00001	0.00000	-0.00822	-0.00001	-0.00004	0.00000
22	0.00000	0.00000	-0.00821	-0.00001	-0.00004	0.00000
23	0.00000	0.00000	-0.00820	-0.00002	-0.00004	0.00000
24	0.00000	0.00000	-0.00823	-0.00001	-0.00004	0.00000

25	0.00001	0.00000	-0.00821	-0.00001	-0.00004	0.00000
26	0.00000	0.00000	-0.00820	-0.00001	-0.00004	0.00000
27	0.00000	0.00000	-0.00819	-0.00002	-0.00004	0.00000
28	0.00000	0.00000	-0.00822	0.00000	-0.00004	0.00000
29	0.00001	0.00000	-0.00805	-0.00001	-0.00004	0.00000
30	0.00000	0.00000	-0.00803	-0.00001	-0.00004	0.00000
31	0.00000	0.00000	-0.00802	-0.00002	-0.00004	0.00000
32	0.00000	0.00000	-0.00807	0.00000	-0.00004	0.00000
33	0.00000	0.00000	-0.00788	-0.00001	-0.00004	0.00000
34	0.00000	0.00000	-0.00795	-0.00001	-0.00004	0.00000
35	0.00000	0.00000	-0.00788	-0.00001	-0.00004	0.00000
36	0.00000	0.00000	-0.00788	-0.00001	-0.00004	0.00000
37	0.00000	0.00000	-0.00788	-0.00001	-0.00004	0.00000
38	0.00000	0.00000	-0.00789	-0.00001	-0.00004	0.00000
39	0.00000	0.00000	-0.00788	-0.00001	-0.00004	0.00000
40	0.00009	0.00000	-0.00014	0.00002	0.00008	0.00002
41	0.00010	0.00000	-0.00015	0.00002	0.00008	0.00002
42	0.00001	0.00002	0.00030	-0.00015	-0.00003	0.00000
43	0.00000	0.00001	0.00026	-0.00013	-0.00002	0.00000
44	0.00010	0.00001	-0.00794	-0.00004	0.00003	0.00002
45	0.00009	0.00000	-0.00811	0.00005	0.00005	0.00002
46	0.00009	0.00001	-0.00795	-0.00003	0.00003	0.00002
47	0.00009	0.00000	-0.00810	0.00005	0.00005	0.00002
48	-0.00008	0.00001	-0.00765	-0.00007	-0.00012	-0.00002
49	-0.00009	0.00000	-0.00783	0.00002	-0.00011	-0.00002
50	-0.00009	0.00001	-0.00766	-0.00006	-0.00012	-0.00002
51	-0.00009	0.00000	-0.00782	0.00001	-0.00011	-0.00002
52	0.00010	0.00001	-0.00795	-0.00003	0.00003	0.00002
53	0.00010	0.00000	-0.00812	0.00006	0.00005	0.00002
54	0.00010	0.00001	-0.00796	-0.00003	0.00003	0.00002
55	0.00010	0.00000	-0.00811	0.00005	0.00005	0.00002
56	-0.00009	0.00001	-0.00764	-0.00008	-0.00012	-0.00002
57	-0.00009	0.00000	-0.00782	0.00001	-0.00011	-0.00002
58	-0.00009	0.00001	-0.00765	-0.00007	-0.00012	-0.00002
59	-0.00009	0.00000	-0.00781	0.00001	-0.00011	-0.00002
60	0.00004	0.00002	-0.00763	-0.00016	-0.00004	0.00001
61	-0.00002	0.00002	-0.00754	-0.00017	-0.00009	0.00000
62	0.00004	0.00002	-0.00763	-0.00016	-0.00004	0.00001
63	-0.00002	0.00002	-0.00754	-0.00017	-0.00009	0.00000
64	0.00003	-0.00002	-0.00822	0.00015	0.00001	0.00000
65	-0.00003	-0.00002	-0.00814	0.00014	-0.00003	-0.00001
66	0.00003	-0.00002	-0.00822	0.00015	0.00001	0.00000
67	-0.00003	-0.00002	-0.00813	0.00014	-0.00003	-0.00001
68	0.00003	0.00002	-0.00767	-0.00014	-0.00004	0.00001
69	-0.00002	0.00002	-0.00758	-0.00015	-0.00008	0.00000
70	0.00003	0.00002	-0.00767	-0.00014	-0.00004	0.00001
71	-0.00002	0.00002	-0.00758	-0.00015	-0.00008	-0.00001
72	0.00003	-0.00001	-0.00818	0.00013	0.00001	0.00001
73	-0.00002	-0.00001	-0.00810	0.00012	-0.00004	-0.00001
74	0.00003	-0.00001	-0.00818	0.00013	0.00001	0.00001

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GLOBAL

75	-0.00003	-0.00001	-0.00809	0.00012	-0.00004	-0.00001
1	0.00000	0.00000	-0.00417	-0.00001	-0.00002	0.00000
2	0.00000	0.00000	-0.00373	-0.00001	-0.00002	0.00000
3	0.00000	0.00000	-0.00018	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00033	0.00000	0.00000	0.00000
5	0.00000	0.00000	-0.00001	0.00000	0.00000	0.00000
6	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00001	-0.00001	0.00000	0.00000
8	0.00000	0.00000	-0.00001	0.00001	0.00000	0.00000
9	0.00001	0.00000	-0.01078	-0.00002	-0.00006	0.00000
10	0.00000	0.00000	-0.01077	-0.00002	-0.00006	0.00000
11	0.00001	0.00000	-0.01077	-0.00004	-0.00006	0.00000
12	0.00001	0.00000	-0.01078	-0.00001	-0.00006	0.00000
13	0.00001	0.00000	-0.01077	-0.00002	-0.00006	0.00000
14	0.00000	0.00000	-0.01075	-0.00002	-0.00006	0.00000
15	0.00001	0.00000	-0.01075	-0.00003	-0.00006	0.00000
16	0.00001	0.00000	-0.01076	-0.00001	-0.00006	0.00000
17	0.00001	0.00000	-0.01052	-0.00002	-0.00005	0.00000
18	0.00000	0.00000	-0.01049	-0.00002	-0.00006	0.00000
19	0.00001	0.00001	-0.01049	-0.00004	-0.00006	0.00000
20	0.00000	0.00000	-0.01052	0.00000	-0.00005	0.00000
21	0.00001	0.00000	-0.00824	-0.00002	-0.00005	0.00000
22	0.00000	0.00000	-0.00823	-0.00002	-0.00005	0.00000
23	0.00000	0.00000	-0.00823	-0.00003	-0.00005	0.00000
24	0.00000	0.00000	-0.00824	-0.00001	-0.00005	0.00000
25	0.00001	0.00000	-0.00823	-0.00002	-0.00004	0.00000
26	0.00000	0.00000	-0.00822	-0.00002	-0.00005	0.00000
27	0.00000	0.00000	-0.00822	-0.00002	-0.00005	0.00000
28	0.00000	0.00000	-0.00823	-0.00001	-0.00004	0.00000
29	0.00001	0.00000	-0.00807	-0.00002	-0.00004	0.00000
30	0.00000	0.00000	-0.00805	-0.00002	-0.00005	0.00000
31	0.00000	0.00000	-0.00805	-0.00003	-0.00004	0.00000
32	0.00000	0.00000	-0.00807	0.00000	-0.00004	0.00000
33	0.00000	0.00000	-0.00790	-0.00001	-0.00004	0.00000
34	0.00000	0.00000	-0.00796	-0.00001	-0.00004	0.00000
35	0.00000	0.00000	-0.00790	-0.00001	-0.00004	0.00000
36	0.00000	0.00000	-0.00790	-0.00001	-0.00004	0.00000
37	0.00000	0.00000	-0.00790	-0.00002	-0.00004	0.00000
38	0.00000	0.00000	-0.00790	-0.00001	-0.00004	0.00000
39	0.00000	0.00000	-0.00790	-0.00001	-0.00004	0.00000
40	0.00007	0.00000	-0.00013	0.00000	0.00007	0.00001
41	0.00008	0.00000	-0.00014	0.00001	0.00007	0.00001
42	0.00000	0.00002	0.00012	-0.00017	-0.00001	0.00000
43	0.00000	0.00002	0.00010	-0.00015	-0.00001	0.00000
44	0.00008	0.00001	-0.00799	-0.00006	0.00002	0.00001
45	0.00008	0.00000	-0.00807	0.00004	0.00003	0.00001
46	0.00008	0.00001	-0.00800	-0.00005	0.00002	0.00001
47	0.00008	0.00000	-0.00806	0.00003	0.00003	0.00001
48	-0.00007	0.00001	-0.00773	-0.00007	-0.00011	-0.00001

49	-0.00007	-0.00001	-0.00780	0.00003	-0.00011	-0.00001
50	-0.00007	0.00001	-0.00774	-0.00006	-0.00011	-0.00001
51	-0.00007	0.00000	-0.00780	0.00003	-0.00011	-0.00001
52	0.00008	0.00001	-0.00800	-0.00006	0.00002	0.00001
53	0.00008	-0.00001	-0.00807	0.00005	0.00003	0.00001
54	0.00008	0.00001	-0.00800	-0.00005	0.00002	0.00001
55	0.00008	0.00000	-0.00807	0.00004	0.00003	0.00001
56	-0.00007	0.00001	-0.00773	-0.00008	-0.00011	-0.00001
57	-0.00007	0.00000	-0.00780	0.00003	-0.00011	-0.00001
58	-0.00007	0.00001	-0.00773	-0.00007	-0.00011	-0.00001
59	-0.00007	0.00000	-0.00779	0.00002	-0.00011	-0.00001
60	0.00003	0.00002	-0.00782	-0.00018	-0.00003	0.00001
61	-0.00002	0.00002	-0.00774	-0.00019	-0.00007	0.00000
62	0.00003	0.00002	-0.00782	-0.00018	-0.00003	0.00001
63	-0.00002	0.00002	-0.00774	-0.00019	-0.00007	0.00000
64	0.00002	-0.00002	-0.00806	0.00016	-0.00001	0.00000
65	-0.00002	-0.00002	-0.00798	0.00015	-0.00005	-0.00001
66	0.00002	-0.00002	-0.00806	0.00016	-0.00001	0.00000
67	-0.00002	-0.00002	-0.00798	0.00015	-0.00005	-0.00001
68	0.00003	0.00002	-0.00783	-0.00016	-0.00003	0.00000
69	-0.00002	0.00002	-0.00775	-0.00016	-0.00007	0.00000
70	0.00003	0.00002	-0.00783	-0.00016	-0.00003	0.00000
71	-0.00002	0.00002	-0.00775	-0.00016	-0.00007	0.00000
72	0.00002	-0.00002	-0.00804	0.00013	-0.00001	0.00000
73	-0.00002	-0.00002	-0.00796	0.00013	-0.00005	0.00000
74	0.00003	-0.00002	-0.00804	0.00014	-0.00001	0.00000
75	-0.00002	-0.00002	-0.00796	0.00013	-0.00005	0.00000

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GLOBAL

1	0.00000	0.00000	-0.00417	0.00001	-0.00002	0.00000
2	0.00000	0.00000	-0.00373	0.00001	-0.00002	0.00000
3	0.00000	0.00000	-0.00018	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00033	0.00000	0.00000	0.00000
5	0.00000	0.00000	-0.00001	0.00000	0.00000	0.00000
6	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	-0.00001	-0.00001	0.00000	0.00000
8	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000
9	0.00001	0.00000	-0.01078	0.00002	-0.00006	0.00000
10	0.00000	0.00000	-0.01077	0.00002	-0.00006	0.00000
11	0.00001	0.00001	-0.01078	0.00001	-0.00006	0.00000
12	0.00001	0.00000	-0.01077	0.00004	-0.00006	0.00000
13	0.00001	0.00000	-0.01077	0.00002	-0.00006	0.00000
14	0.00000	0.00000	-0.01075	0.00002	-0.00006	0.00000
15	0.00001	0.00001	-0.01076	0.00001	-0.00006	0.00000
16	0.00001	0.00000	-0.01075	0.00003	-0.00006	0.00000
17	0.00001	0.00000	-0.01052	0.00002	-0.00005	0.00000
18	0.00000	0.00000	-0.01049	0.00002	-0.00006	0.00000
19	0.00000	0.00001	-0.01052	0.00000	-0.00005	0.00000
20	0.00000	0.00000	-0.01049	0.00004	-0.00006	0.00000
21	0.00001	0.00000	-0.00824	0.00002	-0.00005	0.00000
22	0.00000	0.00000	-0.00823	0.00002	-0.00005	0.00000

23	0.00000	0.00000	-0.00824	0.00001	-0.00005	0.00000
24	0.00000	0.00000	-0.00823	0.00003	-0.00005	0.00000
25	0.00001	0.00000	-0.00823	0.00002	-0.00004	0.00000
26	0.00000	0.00000	-0.00822	0.00002	-0.00005	0.00000
27	0.00000	0.00000	-0.00823	0.00001	-0.00004	0.00000
28	0.00000	0.00000	-0.00822	0.00002	-0.00005	0.00000
29	0.00001	0.00000	-0.00807	0.00002	-0.00004	0.00000
30	0.00000	0.00000	-0.00805	0.00002	-0.00005	0.00000
31	0.00000	0.00000	-0.00807	0.00000	-0.00004	0.00000
32	0.00000	0.00000	-0.00805	0.00003	-0.00004	0.00000
33	0.00000	0.00000	-0.00790	0.00001	-0.00004	0.00000
34	0.00000	0.00000	-0.00796	0.00001	-0.00004	0.00000
35	0.00000	0.00000	-0.00790	0.00001	-0.00004	0.00000
36	0.00000	0.00000	-0.00790	0.00001	-0.00004	0.00000
37	0.00000	0.00000	-0.00790	0.00001	-0.00004	0.00000
38	0.00000	0.00000	-0.00790	0.00002	-0.00004	0.00000
39	0.00000	0.00000	-0.00790	0.00001	-0.00004	0.00000
40	0.00008	0.00000	-0.00014	-0.00001	0.00007	-0.00001
41	0.00008	0.00000	-0.00013	0.00000	0.00007	-0.00001
42	0.00000	0.00003	-0.00012	-0.00017	0.00001	0.00000
43	0.00000	0.00002	-0.00010	-0.00015	0.00001	0.00000
44	0.00008	0.00001	-0.00807	-0.00005	0.00003	-0.00001
45	0.00008	-0.00001	-0.00800	0.00006	0.00002	-0.00001
46	0.00008	0.00001	-0.00807	-0.00004	0.00003	-0.00001
47	0.00008	0.00000	-0.00800	0.00005	0.00002	-0.00001
48	-0.00007	0.00001	-0.00780	-0.00003	-0.00011	0.00001
49	-0.00007	-0.00001	-0.00773	0.00008	-0.00011	0.00001
50	-0.00007	0.00001	-0.00779	-0.00002	-0.00011	0.00001
51	-0.00007	-0.00001	-0.00773	0.00007	-0.00011	0.00001
52	0.00008	0.00001	-0.00807	-0.00004	0.00003	-0.00001
53	0.00008	-0.00001	-0.00799	0.00006	0.00002	-0.00001
54	0.00008	0.00001	-0.00806	-0.00003	0.00003	-0.00001
55	0.00008	-0.00001	-0.00800	0.00005	0.00002	-0.00001
56	-0.00007	0.00001	-0.00780	-0.00003	-0.00011	0.00001
57	-0.00007	-0.00001	-0.00773	0.00007	-0.00011	0.00001
58	-0.00007	0.00001	-0.00780	-0.00003	-0.00011	0.00001
59	-0.00007	0.00000	-0.00774	0.00006	-0.00011	0.00001
60	0.00003	0.00003	-0.00806	-0.00016	-0.00001	0.00000
61	-0.00002	0.00003	-0.00798	-0.00015	-0.00005	0.00001
62	0.00003	0.00003	-0.00806	-0.00016	-0.00001	0.00000
63	-0.00002	0.00003	-0.00798	-0.00015	-0.00005	0.00000
64	0.00003	-0.00002	-0.00782	0.00018	-0.00003	-0.00001
65	-0.00002	-0.00002	-0.00774	0.00019	-0.00007	0.00000
66	0.00003	-0.00002	-0.00782	0.00018	-0.00003	-0.00001
67	-0.00002	-0.00002	-0.00774	0.00019	-0.00007	0.00000
68	0.00003	0.00002	-0.00804	-0.00014	-0.00001	0.00000
69	-0.00002	0.00002	-0.00796	-0.00013	-0.00005	0.00000
70	0.00003	0.00002	-0.00804	-0.00013	-0.00001	0.00000
71	-0.00002	0.00002	-0.00796	-0.00013	-0.00005	0.00000
72	0.00003	-0.00002	-0.00783	0.00016	-0.00003	0.00000

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GLOBAL

73	-0.00002	-0.00002	-0.00775	0.00016	-0.00007	0.00000
74	0.00003	-0.00002	-0.00783	0.00016	-0.00003	0.00000
75	-0.00002	-0.00002	-0.00775	0.00016	-0.00007	0.00000
1	0.00000	0.00000	-0.00416	0.00000	-0.00002	0.00000
2	0.00000	0.00000	-0.00372	0.00001	-0.00002	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00032	0.00000	0.00000	0.00000
5	0.00000	0.00000	-0.00001	0.00000	0.00000	0.00000
6	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	-0.00002	-0.00001	0.00000	0.00000
8	0.00000	0.00000	0.00003	0.00001	0.00000	0.00000
9	0.00001	0.00000	-0.01076	0.00002	-0.00005	0.00000
10	0.00000	0.00000	-0.01074	0.00002	-0.00006	0.00000
11	0.00001	0.00001	-0.01077	0.00001	-0.00005	0.00000
12	0.00001	0.00000	-0.01073	0.00003	-0.00006	0.00000
13	0.00001	0.00000	-0.01074	0.00002	-0.00005	0.00000
14	0.00000	0.00000	-0.01072	0.00002	-0.00006	0.00000
15	0.00001	0.00001	-0.01075	0.00000	-0.00005	0.00000
16	0.00001	0.00000	-0.01071	0.00003	-0.00006	0.00000
17	0.00001	0.00000	-0.01050	0.00001	-0.00005	0.00000
18	0.00000	0.00000	-0.01047	0.00001	-0.00005	0.00000
19	0.00000	0.00001	-0.01052	0.00000	-0.00005	0.00000
20	0.00001	0.00000	-0.01045	0.00003	-0.00006	0.00000
21	0.00001	0.00000	-0.00822	0.00001	-0.00004	0.00000
22	0.00000	0.00000	-0.00821	0.00001	-0.00004	0.00000
23	0.00000	0.00000	-0.00823	0.00001	-0.00004	0.00000
24	0.00000	0.00000	-0.00820	0.00002	-0.00004	0.00000
25	0.00001	0.00000	-0.00821	0.00001	-0.00004	0.00000
26	0.00000	0.00000	-0.00820	0.00001	-0.00004	0.00000
27	0.00000	0.00000	-0.00822	0.00000	-0.00004	0.00000
28	0.00000	0.00000	-0.00819	0.00002	-0.00004	0.00000
29	0.00001	0.00000	-0.00805	0.00001	-0.00004	0.00000
30	0.00000	0.00000	-0.00803	0.00001	-0.00004	0.00000
31	0.00000	0.00001	-0.00807	0.00000	-0.00004	0.00000
32	0.00000	0.00000	-0.00802	0.00002	-0.00004	0.00000
33	0.00000	0.00000	-0.00788	0.00001	-0.00004	0.00000
34	0.00000	0.00000	-0.00795	0.00001	-0.00004	0.00000
35	0.00000	0.00000	-0.00788	0.00001	-0.00004	0.00000
36	0.00000	0.00000	-0.00788	0.00001	-0.00004	0.00000
37	0.00000	0.00000	-0.00789	0.00001	-0.00004	0.00000
38	0.00000	0.00000	-0.00788	0.00001	-0.00004	0.00000
39	0.00000	0.00000	-0.00788	0.00001	-0.00004	0.00000
40	0.00010	0.00000	-0.00015	-0.00002	0.00008	-0.00002
41	0.00009	0.00000	-0.00014	-0.00002	0.00008	-0.00002
42	0.00000	0.00003	-0.00030	-0.00015	0.00003	0.00000
43	0.00000	0.00002	-0.00026	-0.00013	0.00002	0.00000
44	0.00010	0.00001	-0.00812	-0.00006	0.00005	-0.00002
45	0.00010	-0.00001	-0.00795	0.00003	0.00003	-0.00002
46	0.00010	0.00001	-0.00811	-0.00005	0.00005	-0.00002

47	0.00010	0.00000	-0.00796	0.00003	0.00003	-0.00002
48	-0.00009	0.00001	-0.00782	-0.00001	-0.00011	0.00002
49	-0.00009	-0.00001	-0.00764	0.00008	-0.00012	0.00002
50	-0.00009	0.00001	-0.00781	-0.00001	-0.00011	0.00002
51	-0.00009	-0.00001	-0.00765	0.00007	-0.00012	0.00002
52	0.00009	0.00001	-0.00811	-0.00005	0.00005	-0.00002
53	0.00010	-0.00001	-0.00794	0.00004	0.00003	-0.00002
54	0.00009	0.00001	-0.00810	-0.00005	0.00005	-0.00002
55	0.00009	-0.00001	-0.00795	0.00003	0.00003	-0.00002
56	-0.00009	0.00001	-0.00783	-0.00002	-0.00011	0.00002
57	-0.00009	-0.00001	-0.00765	0.00007	-0.00012	0.00002
58	-0.00009	0.00001	-0.00782	-0.00001	-0.00011	0.00002
59	-0.00009	0.00000	-0.00766	0.00006	-0.00012	0.00002
60	0.00003	0.00003	-0.00823	-0.00015	0.00001	0.00000
61	-0.00003	0.00003	-0.00813	-0.00014	-0.00003	0.00001
62	0.00003	0.00003	-0.00822	-0.00015	0.00001	0.00000
63	-0.00003	0.00003	-0.00814	-0.00014	-0.00003	0.00001
64	0.00004	-0.00002	-0.00763	0.00016	-0.00004	-0.00001
65	-0.00002	-0.00003	-0.00754	0.00017	-0.00009	0.00000
66	0.00003	-0.00003	-0.00763	0.00016	-0.00004	-0.00001
67	-0.00002	-0.00002	-0.00754	0.00017	-0.00009	0.00000
68	0.00003	0.00003	-0.00819	-0.00013	0.00001	-0.00001
69	-0.00003	0.00003	-0.00809	-0.00012	-0.00004	0.00001
70	0.00003	0.00003	-0.00818	-0.00013	0.00001	-0.00001
71	-0.00002	0.00003	-0.00810	-0.00012	-0.00004	0.00000
72	0.00003	-0.00002	-0.00767	0.00014	-0.00004	-0.00001
73	-0.00002	-0.00002	-0.00758	0.00015	-0.00008	0.00001
74	0.00003	-0.00002	-0.00767	0.00014	-0.00004	-0.00001
75	-0.00002	-0.00002	-0.00758	0.00015	-0.00008	0.00001

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GLOBAL

1	0.00000	0.00000	-0.00417	-0.00002	-0.00001	0.00000
2	0.00000	0.00000	-0.00371	0.00000	-0.00002	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00032	0.00000	0.00000	0.00000
5	0.00001	0.00000	-0.00001	0.00000	0.00000	0.00000
6	-0.00001	0.00000	0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	-0.00003	-0.00001	0.00001	0.00000
8	0.00000	0.00000	0.00004	0.00001	-0.00001	0.00000
9	0.00001	0.00000	-0.01076	-0.00002	-0.00005	0.00000
10	0.00000	0.00000	-0.01074	-0.00002	-0.00005	0.00000
11	0.00001	0.00001	-0.01078	-0.00003	-0.00005	0.00000
12	0.00001	0.00000	-0.01072	-0.00001	-0.00006	0.00000
13	0.00001	0.00000	-0.01074	-0.00002	-0.00004	0.00000
14	0.00000	0.00000	-0.01072	-0.00002	-0.00005	0.00000
15	0.00001	0.00001	-0.01077	-0.00003	-0.00004	0.00000
16	0.00001	0.00000	-0.01070	-0.00001	-0.00005	0.00000
17	0.00001	0.00000	-0.01051	-0.00003	-0.00004	0.00000
18	0.00000	0.00000	-0.01047	-0.00002	-0.00005	0.00000
19	0.00001	0.00001	-0.01055	-0.00004	-0.00004	0.00000
20	0.00001	0.00000	-0.01044	-0.00001	-0.00005	0.00000

21	0.00001	0.00000	-0.00822	-0.00002	-0.00004	0.00000
22	0.00000	0.00000	-0.00821	-0.00002	-0.00004	0.00000
23	0.00000	0.00000	-0.00824	-0.00002	-0.00003	0.00000
24	0.00001	0.00000	-0.00820	-0.00001	-0.00004	0.00000
25	0.00001	0.00000	-0.00821	-0.00002	-0.00003	0.00000
26	0.00000	0.00000	-0.00820	-0.00002	-0.00004	0.00000
27	0.00000	0.00000	-0.00823	-0.00003	-0.00003	0.00000
28	0.00001	0.00000	-0.00819	-0.00001	-0.00004	0.00000
29	0.00001	0.00000	-0.00806	-0.00002	-0.00003	0.00000
30	0.00000	0.00000	-0.00803	-0.00002	-0.00004	0.00000
31	0.00000	0.00001	-0.00808	-0.00003	-0.00003	0.00000
32	0.00001	0.00000	-0.00801	-0.00001	-0.00004	0.00000
33	0.00000	0.00000	-0.00789	-0.00002	-0.00003	0.00000
34	0.00000	0.00000	-0.00795	-0.00002	-0.00003	0.00000
35	0.00001	0.00000	-0.00789	-0.00002	-0.00003	0.00000
36	0.00000	0.00000	-0.00788	-0.00002	-0.00003	0.00000
37	0.00000	0.00000	-0.00789	-0.00002	-0.00003	0.00000
38	0.00000	0.00000	-0.00788	-0.00002	-0.00003	0.00000
39	0.00000	0.00000	-0.00789	-0.00002	-0.00003	0.00000
40	0.00012	0.00000	-0.00018	-0.00003	0.00009	-0.00003
41	0.00011	0.00000	-0.00017	-0.00003	0.00009	-0.00002
42	-0.00001	0.00003	-0.00046	-0.00015	0.00004	0.00000
43	0.00000	0.00002	-0.00040	-0.00013	0.00003	0.00000
44	0.00013	0.00001	-0.00821	-0.00009	0.00007	-0.00003
45	0.00013	-0.00001	-0.00793	0.00000	0.00004	-0.00003
46	0.00013	0.00001	-0.00819	-0.00009	0.00006	-0.00003
47	0.00013	0.00000	-0.00795	-0.00001	0.00004	-0.00003
48	-0.00012	0.00001	-0.00784	-0.00003	-0.00011	0.00003
49	-0.00012	-0.00001	-0.00756	0.00006	-0.00013	0.00003
50	-0.00012	0.00001	-0.00782	-0.00003	-0.00011	0.00003
51	-0.00012	-0.00001	-0.00758	0.00005	-0.00013	0.00003
52	0.00012	0.00001	-0.00819	-0.00009	0.00006	-0.00002
53	0.00012	-0.00001	-0.00791	0.00000	0.00004	-0.00002
54	0.00012	0.00001	-0.00817	-0.00008	0.00006	-0.00002
55	0.00012	-0.00001	-0.00793	0.00000	0.00004	-0.00002
56	-0.00011	0.00001	-0.00786	-0.00004	-0.00011	0.00002
57	-0.00011	-0.00001	-0.00758	0.00005	-0.00013	0.00002
58	-0.00011	0.00001	-0.00784	-0.00003	-0.00011	0.00002
59	-0.00011	0.00000	-0.00760	0.00005	-0.00013	0.00002
60	0.00004	0.00003	-0.00840	-0.00018	0.00004	-0.00001
61	-0.00004	0.00003	-0.00829	-0.00016	-0.00002	0.00001
62	0.00003	0.00003	-0.00840	-0.00018	0.00004	0.00000
63	-0.00004	0.00003	-0.00830	-0.00016	-0.00002	0.00001
64	0.00005	-0.00003	-0.00748	0.00013	-0.00005	-0.00001
65	-0.00003	-0.00003	-0.00737	0.00014	-0.00010	0.00001
66	0.00004	-0.00003	-0.00747	0.00013	-0.00005	-0.00001
67	-0.00002	-0.00003	-0.00737	0.00014	-0.00010	0.00000
68	0.00004	0.00003	-0.00834	-0.00016	0.00003	-0.00001
69	-0.00003	0.00003	-0.00823	-0.00014	-0.00003	0.00001
70	0.00004	0.00003	-0.00834	-0.00016	0.00003	-0.00001

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71	-0.00003	0.00003	-0.00824	-0.00014	-0.00002	0.00001
72	0.00004	-0.00002	-0.00754	0.00010	-0.00004	-0.00001
73	-0.00003	-0.00002	-0.00743	0.00012	-0.00009	0.00001
74	0.00004	-0.00002	-0.00753	0.00011	-0.00004	-0.00001
75	-0.00003	-0.00002	-0.00743	0.00012	-0.00009	0.00001
1	0.00000	0.00000	-0.00421	-0.00005	-0.00001	0.00000
2	0.00000	0.00000	-0.00372	-0.00001	-0.00002	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00032	0.00000	0.00000	0.00000
5	0.00001	0.00000	-0.00001	0.00000	0.00000	0.00000
6	-0.00001	0.00000	0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	-0.00005	-0.00001	0.00001	0.00000
8	0.00000	0.00000	0.00005	0.00001	-0.00001	0.00000
9	0.00001	0.00000	-0.01081	-0.00007	-0.00004	0.00000
10	0.00000	0.00000	-0.01079	-0.00007	-0.00005	0.00000
11	0.00001	0.00001	-0.01084	-0.00009	-0.00004	0.00000
12	0.00001	0.00000	-0.01076	-0.00006	-0.00005	0.00000
13	0.00001	0.00000	-0.01080	-0.00008	-0.00004	0.00000
14	0.00000	0.00000	-0.01078	-0.00008	-0.00005	0.00000
15	0.00001	0.00001	-0.01083	-0.00009	-0.00004	0.00000
16	0.00001	0.00000	-0.01075	-0.00007	-0.00005	0.00000
17	0.00002	0.00000	-0.01056	-0.00008	-0.00003	0.00000
18	0.00000	0.00000	-0.01053	-0.00007	-0.00005	0.00000
19	0.00001	0.00001	-0.01062	-0.00009	-0.00003	0.00000
20	0.00001	0.00000	-0.01047	-0.00006	-0.00005	0.00000
21	0.00001	0.00000	-0.00826	-0.00006	-0.00003	0.00000
22	0.00000	0.00000	-0.00825	-0.00006	-0.00004	0.00000
23	0.00001	0.00001	-0.00829	-0.00006	-0.00003	0.00000
24	0.00001	0.00000	-0.00823	-0.00005	-0.00004	0.00000
25	0.00001	0.00000	-0.00826	-0.00006	-0.00003	0.00000
26	0.00000	0.00000	-0.00824	-0.00006	-0.00003	0.00000
27	0.00000	0.00001	-0.00828	-0.00007	-0.00003	0.00000
28	0.00001	0.00000	-0.00822	-0.00005	-0.00004	0.00000
29	0.00001	0.00000	-0.00810	-0.00006	-0.00003	0.00000
30	0.00000	0.00000	-0.00807	-0.00006	-0.00003	0.00000
31	0.00000	0.00001	-0.00814	-0.00007	-0.00002	0.00000
32	0.00001	0.00000	-0.00804	-0.00004	-0.00004	0.00000
33	0.00000	0.00000	-0.00793	-0.00005	-0.00003	0.00000
34	0.00001	0.00000	-0.00799	-0.00006	-0.00003	0.00000
35	0.00001	0.00000	-0.00793	-0.00006	-0.00003	0.00000
36	0.00000	0.00000	-0.00792	-0.00005	-0.00003	0.00000
37	0.00000	0.00000	-0.00794	-0.00006	-0.00003	0.00000
38	0.00001	0.00000	-0.00792	-0.00005	-0.00003	0.00000
39	0.00000	0.00000	-0.00793	-0.00005	-0.00003	0.00000
40	0.00015	0.00000	-0.00022	-0.00004	0.00010	-0.00002
41	0.00014	0.00000	-0.00020	-0.00003	0.00009	-0.00002
42	-0.00001	0.00003	-0.00064	-0.00017	0.00006	0.00000
43	0.00000	0.00003	-0.00055	-0.00015	0.00005	0.00000
44	0.00015	0.00001	-0.00834	-0.00014	0.00009	-0.00002

45	0.00016	-0.00001	-0.00795	-0.00004	0.00005	-0.00003
46	0.00016	0.00001	-0.00831	-0.00014	0.00008	-0.00002
47	0.00016	0.00000	-0.00798	-0.00005	0.00005	-0.00002
48	-0.00015	0.00001	-0.00790	-0.00007	-0.00011	0.00002
49	-0.00014	-0.00001	-0.00751	0.00003	-0.00015	0.00002
50	-0.00015	0.00001	-0.00787	-0.00006	-0.00011	0.00002
51	-0.00015	-0.00001	-0.00754	0.00003	-0.00014	0.00002
52	0.00014	0.00001	-0.00831	-0.00014	0.00008	-0.00002
53	0.00014	-0.00001	-0.00793	-0.00004	0.00005	-0.00002
54	0.00014	0.00001	-0.00829	-0.00013	0.00008	-0.00002
55	0.00014	-0.00001	-0.00796	-0.00004	0.00005	-0.00002
56	-0.00013	0.00001	-0.00792	-0.00007	-0.00011	0.00002
57	-0.00013	-0.00001	-0.00754	0.00003	-0.00014	0.00002
58	-0.00013	0.00001	-0.00789	-0.00007	-0.00011	0.00002
59	-0.00013	0.00000	-0.00756	0.00002	-0.00014	0.00002
60	0.00004	0.00003	-0.00863	-0.00023	0.00006	0.00000
61	-0.00005	0.00003	-0.00850	-0.00021	0.00000	0.00001
62	0.00004	0.00003	-0.00862	-0.00023	0.00006	0.00000
63	-0.00004	0.00003	-0.00850	-0.00021	0.00000	0.00001
64	0.00006	-0.00003	-0.00735	0.00010	-0.00006	-0.00001
65	-0.00003	-0.00003	-0.00722	0.00012	-0.00012	0.00000
66	0.00005	-0.00003	-0.00735	0.00010	-0.00006	-0.00001
67	-0.00003	-0.00003	-0.00723	0.00012	-0.00012	0.00000
68	0.00005	0.00003	-0.00854	-0.00021	0.00005	-0.00001
69	-0.00004	0.00003	-0.00841	-0.00019	-0.00001	0.00001
70	0.00005	0.00003	-0.00854	-0.00021	0.00005	-0.00001
71	-0.00004	0.00003	-0.00842	-0.00019	-0.00001	0.00001
72	0.00005	-0.00002	-0.00744	0.00008	-0.00005	-0.00001
73	-0.00004	-0.00002	-0.00731	0.00010	-0.00011	0.00001
74	0.00005	-0.00002	-0.00743	0.00008	-0.00005	-0.00001
75	-0.00004	-0.00002	-0.00731	0.00010	-0.00011	0.00000

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GLOBAL

1	0.00000	0.00000	-0.00427	-0.00007	-0.00001	0.00000
2	0.00000	0.00000	-0.00373	-0.00002	-0.00002	0.00000
3	0.00000	0.00000	-0.00017	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00033	-0.00001	0.00000	0.00000
5	0.00001	0.00000	-0.00001	0.00000	0.00000	0.00000
6	-0.00001	0.00000	0.00002	0.00000	0.00000	0.00000
7	0.00000	0.00000	-0.00007	-0.00002	0.00001	0.00000
8	0.00000	0.00000	0.00006	0.00001	-0.00001	0.00000
9	0.00002	0.00000	-0.01092	-0.00012	-0.00003	0.00000
10	0.00000	0.00000	-0.01089	-0.00012	-0.00004	0.00000
11	0.00001	0.00001	-0.01097	-0.00013	-0.00003	0.00000
12	0.00001	0.00000	-0.01085	-0.00010	-0.00005	0.00000
13	0.00001	0.00000	-0.01091	-0.00012	-0.00003	0.00000
14	0.00000	0.00000	-0.01089	-0.00012	-0.00004	0.00000
15	0.00001	0.00001	-0.01096	-0.00014	-0.00003	0.00000
16	0.00001	0.00000	-0.01084	-0.00011	-0.00005	0.00000
17	0.00002	0.00000	-0.01067	-0.00012	-0.00003	0.00000
18	0.00000	0.00000	-0.01063	-0.00011	-0.00004	0.00000

19	0.00001	0.00001	-0.01075	-0.00014	-0.00002	0.00000
20	0.00001	0.00000	-0.01056	-0.00009	-0.00005	0.00000
21	0.00001	0.00000	-0.00835	-0.00009	-0.00003	0.00000
22	0.00000	0.00000	-0.00833	-0.00009	-0.00003	0.00000
23	0.00001	0.00001	-0.00838	-0.00010	-0.00002	0.00000
24	0.00001	0.00000	-0.00830	-0.00008	-0.00003	0.00000
25	0.00001	0.00000	-0.00834	-0.00009	-0.00002	0.00000
26	0.00000	0.00000	-0.00832	-0.00009	-0.00003	0.00000
27	0.00001	0.00001	-0.00837	-0.00010	-0.00002	0.00000
28	0.00001	0.00000	-0.00830	-0.00008	-0.00003	0.00000
29	0.00001	0.00000	-0.00818	-0.00009	-0.00002	0.00000
30	0.00000	0.00000	-0.00815	-0.00009	-0.00003	0.00000
31	0.00000	0.00001	-0.00823	-0.00011	-0.00002	0.00000
32	0.00001	0.00000	-0.00811	-0.00007	-0.00004	0.00000
33	0.00001	0.00000	-0.00800	-0.00009	-0.00003	0.00000
34	0.00001	0.00000	-0.00807	-0.00009	-0.00003	0.00000
35	0.00001	0.00000	-0.00801	-0.00009	-0.00002	0.00000
36	0.00000	0.00000	-0.00800	-0.00009	-0.00003	0.00000
37	0.00001	0.00000	-0.00802	-0.00009	-0.00002	0.00000
38	0.00001	0.00000	-0.00799	-0.00008	-0.00003	0.00000
39	0.00001	0.00000	-0.00800	-0.00009	-0.00003	0.00000
40	0.00017	0.00000	-0.00026	-0.00004	0.00011	-0.00001
41	0.00015	0.00000	-0.00023	-0.00004	0.00010	-0.00001
42	-0.00001	0.00003	-0.00084	-0.00020	0.00008	0.00000
43	0.00000	0.00003	-0.00073	-0.00017	0.00006	0.00000
44	0.00018	0.00001	-0.00852	-0.00019	0.00011	-0.00001
45	0.00018	-0.00001	-0.00802	-0.00007	0.00006	-0.00002
46	0.00018	0.00001	-0.00849	-0.00018	0.00010	-0.00001
47	0.00018	0.00000	-0.00805	-0.00008	0.00006	-0.00001
48	-0.00017	0.00001	-0.00799	-0.00010	-0.00011	0.00001
49	-0.00016	-0.00001	-0.00749	0.00001	-0.00016	0.00001
50	-0.00017	0.00001	-0.00796	-0.00010	-0.00012	0.00001
51	-0.00017	-0.00001	-0.00752	0.00001	-0.00015	0.00001
52	0.00015	0.00001	-0.00849	-0.00018	0.00010	-0.00001
53	0.00016	-0.00001	-0.00799	-0.00006	0.00005	-0.00001
54	0.00016	0.00001	-0.00846	-0.00017	0.00010	-0.00001
55	0.00016	-0.00001	-0.00802	-0.00007	0.00006	-0.00001
56	-0.00015	0.00001	-0.00802	-0.00011	-0.00011	0.00001
57	-0.00014	-0.00001	-0.00752	0.00001	-0.00015	0.00001
58	-0.00015	0.00001	-0.00799	-0.00010	-0.00011	0.00001
59	-0.00015	0.00000	-0.00755	0.00000	-0.00015	0.00001
60	0.00004	0.00004	-0.00892	-0.00029	0.00008	0.00000
61	-0.00006	0.00003	-0.00876	-0.00027	0.00002	0.00001
62	0.00004	0.00003	-0.00891	-0.00029	0.00008	0.00000
63	-0.00005	0.00004	-0.00877	-0.00027	0.00002	0.00001
64	0.00007	-0.00003	-0.00724	0.00010	-0.00007	-0.00001
65	-0.00003	-0.00003	-0.00709	0.00012	-0.00014	0.00000
66	0.00006	-0.00003	-0.00724	0.00010	-0.00007	-0.00001
67	-0.00003	-0.00003	-0.00710	0.00012	-0.00013	0.00000
68	0.00006	0.00003	-0.00881	-0.00027	0.00007	0.00000

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69	-0.00005	0.00003	-0.00865	-0.00024	0.00000	0.00000
70	0.00005	0.00003	-0.00880	-0.00027	0.00007	0.00000
71	-0.00004	0.00003	-0.00866	-0.00024	0.00000	0.00000
72	0.00006	-0.00002	-0.00736	0.00007	-0.00005	-0.00001
73	-0.00005	-0.00002	-0.00720	0.00010	-0.00012	0.00000
74	0.00005	-0.00002	-0.00735	0.00007	-0.00006	0.00000
75	-0.00004	-0.00002	-0.00721	0.00009	-0.00012	0.00000
1	0.00000	0.00000	-0.00430	0.00011	0.00005	0.00000
2	0.00000	0.00000	-0.00355	0.00003	-0.00002	0.00000
3	0.00000	0.00000	-0.00015	0.00001	0.00000	0.00000
4	0.00000	0.00000	-0.00032	0.00001	0.00001	0.00000
5	0.00001	0.00000	-0.00004	0.00001	0.00000	0.00000
6	-0.00001	0.00000	0.00003	-0.00001	0.00000	0.00000
7	0.00000	0.00000	0.00018	-0.00004	-0.00002	0.00000
8	0.00000	0.00000	-0.00018	0.00004	0.00002	0.00000
9	0.00002	0.00000	-0.01072	0.00021	0.00005	0.00000
10	0.00001	0.00000	-0.01066	0.00020	0.00004	0.00000
11	0.00001	0.00000	-0.01052	0.00017	0.00002	0.00000
12	0.00001	0.00000	-0.01085	0.00025	0.00007	0.00000
13	0.00002	0.00000	-0.01073	0.00021	0.00005	0.00000
14	0.00000	0.00000	-0.01067	0.00020	0.00004	0.00000
15	0.00001	0.00000	-0.01054	0.00017	0.00003	0.00000
16	0.00001	0.00000	-0.01086	0.00025	0.00007	0.00000
17	0.00002	0.00000	-0.01051	0.00021	0.00005	0.00000
18	0.00000	0.00000	-0.01041	0.00019	0.00004	0.00000
19	0.00001	0.00000	-0.01018	0.00013	0.00001	0.00000
20	0.00001	0.00000	-0.01073	0.00026	0.00008	0.00000
21	0.00001	0.00000	-0.00819	0.00016	0.00004	0.00000
22	0.00000	0.00000	-0.00815	0.00015	0.00003	0.00000
23	0.00001	0.00000	-0.00806	0.00013	0.00002	0.00000
24	0.00001	0.00000	-0.00828	0.00018	0.00005	0.00000
25	0.00001	0.00000	-0.00820	0.00016	0.00004	0.00000
26	0.00000	0.00000	-0.00816	0.00015	0.00003	0.00000
27	0.00001	0.00000	-0.00807	0.00013	0.00002	0.00000
28	0.00001	0.00000	-0.00829	0.00018	0.00005	0.00000
29	0.00002	0.00000	-0.00805	0.00016	0.00004	0.00000
30	0.00000	0.00000	-0.00799	0.00014	0.00003	0.00000
31	0.00001	0.00000	-0.00784	0.00011	0.00001	0.00000
32	0.00001	0.00000	-0.00820	0.00019	0.00006	0.00000
33	0.00001	0.00000	-0.00786	0.00014	0.00003	0.00000
34	0.00001	0.00000	-0.00792	0.00015	0.00003	0.00000
35	0.00001	0.00000	-0.00786	0.00015	0.00003	0.00000
36	0.00001	0.00000	-0.00785	0.00014	0.00003	0.00000
37	0.00001	0.00000	-0.00782	0.00014	0.00003	0.00000
38	0.00001	0.00000	-0.00789	0.00015	0.00003	0.00000
39	0.00001	0.00000	-0.00786	0.00014	0.00003	0.00000
40	0.00015	0.00000	-0.00080	0.00007	0.00012	0.00001
41	0.00018	0.00000	-0.00077	0.00007	0.00011	0.00001
42	0.00002	0.00001	0.00168	-0.00042	-0.00017	0.00000

43	0.00000	0.00000	0.00141	-0.00035	-0.00014	0.00000
44	0.00017	0.00000	-0.00815	0.00009	0.00010	0.00001
45	0.00016	0.00000	-0.00916	0.00034	0.00020	0.00001
46	0.00016	0.00000	-0.00823	0.00011	0.00010	0.00001
47	0.00016	0.00000	-0.00908	0.00032	0.00019	0.00001
48	-0.00014	0.00000	-0.00655	-0.00006	-0.00014	-0.00001
49	-0.00015	0.00000	-0.00756	0.00020	-0.00003	-0.00001
50	-0.00015	0.00000	-0.00663	-0.00003	-0.00013	-0.00001
51	-0.00015	0.00000	-0.00748	0.00017	-0.00004	-0.00001
52	0.00019	0.00000	-0.00812	0.00008	0.00008	0.00001
53	0.00018	0.00000	-0.00913	0.00034	0.00019	0.00001
54	0.00019	0.00000	-0.00821	0.00010	0.00009	0.00001
55	0.00018	0.00000	-0.00905	0.00031	0.00018	0.00001
56	-0.00016	0.00000	-0.00658	-0.00005	-0.00013	-0.00001
57	-0.00017	0.00000	-0.00759	0.00021	-0.00002	-0.00001
58	-0.00017	0.00000	-0.00666	-0.00003	-0.00012	-0.00001
59	-0.00017	0.00000	-0.00751	0.00018	-0.00003	-0.00001
60	0.00007	0.00001	-0.00642	-0.00025	-0.00011	0.00000
61	-0.00002	0.00001	-0.00594	-0.00030	-0.00018	0.00000
62	0.00008	0.00001	-0.00641	-0.00026	-0.00011	0.00001
63	-0.00003	0.00001	-0.00594	-0.00030	-0.00018	0.00000
64	0.00004	-0.00001	-0.00978	0.00059	0.00024	0.00000
65	-0.00005	-0.00001	-0.00930	0.00054	0.00017	0.00000
66	0.00005	-0.00001	-0.00977	0.00058	0.00024	0.00000
67	-0.00006	-0.00001	-0.00930	0.00054	0.00017	0.00000
68	0.00006	0.00000	-0.00669	-0.00018	-0.00008	0.00000
69	-0.00004	0.00001	-0.00621	-0.00023	-0.00015	0.00000
70	0.00006	0.00001	-0.00668	-0.00019	-0.00008	0.00000
71	-0.00004	0.00001	-0.00622	-0.00022	-0.00015	0.00000
72	0.00005	0.00000	-0.00950	0.00052	0.00021	0.00000
73	-0.00004	0.00000	-0.00902	0.00047	0.00014	0.00000
74	0.00006	0.00000	-0.00949	0.00051	0.00021	0.00000
75	-0.00005	0.00000	-0.00903	0.00047	0.00014	0.00000

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GLOBAL

1	0.00000	0.00000	-0.00418	0.00010	0.00005	0.00000
2	0.00000	0.00000	-0.00352	0.00002	-0.00002	0.00000
3	0.00000	0.00000	-0.00015	0.00001	0.00000	0.00000
4	0.00000	0.00000	-0.00031	0.00001	0.00000	0.00000
5	0.00001	0.00000	-0.00003	0.00000	0.00000	0.00000
6	-0.00001	0.00000	0.00002	-0.00001	0.00000	0.00000
7	0.00000	0.00000	0.00014	-0.00004	-0.00002	0.00000
8	0.00000	0.00000	-0.00014	0.00004	0.00002	0.00000
9	0.00002	0.00000	-0.01050	0.00018	0.00004	0.00000
10	0.00001	0.00000	-0.01045	0.00017	0.00003	0.00000
11	0.00001	0.00000	-0.01035	0.00014	0.00002	0.00000
12	0.00001	0.00000	-0.01059	0.00021	0.00005	0.00000
13	0.00002	0.00000	-0.01051	0.00018	0.00004	0.00000
14	0.00000	0.00000	-0.01046	0.00017	0.00004	0.00000
15	0.00001	0.00000	-0.01036	0.00014	0.00002	0.00000
16	0.00001	0.00000	-0.01061	0.00021	0.00005	0.00000

17	0.00002	0.00000	-0.01030	0.00017	0.00004	0.00000
18	0.00000	0.00000	-0.01022	0.00016	0.00003	0.00000
19	0.00001	0.00000	-0.01005	0.00011	0.00001	0.00000
20	0.00001	0.00000	-0.01046	0.00022	0.00006	0.00000
21	0.00001	0.00000	-0.00803	0.00013	0.00003	0.00000
22	0.00000	0.00000	-0.00799	0.00013	0.00002	0.00000
23	0.00001	0.00000	-0.00793	0.00011	0.00001	0.00000
24	0.00001	0.00000	-0.00809	0.00015	0.00004	0.00000
25	0.00001	0.00000	-0.00804	0.00014	0.00003	0.00000
26	0.00000	0.00000	-0.00800	0.00013	0.00003	0.00000
27	0.00001	0.00000	-0.00794	0.00011	0.00002	0.00000
28	0.00001	0.00000	-0.00810	0.00016	0.00004	0.00000
29	0.00001	0.00000	-0.00789	0.00013	0.00003	0.00000
30	0.00000	0.00000	-0.00784	0.00012	0.00002	0.00000
31	0.00001	0.00000	-0.00773	0.00009	0.00001	0.00000
32	0.00001	0.00000	-0.00800	0.00016	0.00004	0.00000
33	0.00001	0.00000	-0.00771	0.00012	0.00002	0.00000
34	0.00001	0.00000	-0.00777	0.00012	0.00002	0.00000
35	0.00001	0.00000	-0.00771	0.00012	0.00002	0.00000
36	0.00001	0.00000	-0.00770	0.00012	0.00002	0.00000
37	0.00001	0.00000	-0.00768	0.00011	0.00002	0.00000
38	0.00001	0.00000	-0.00774	0.00013	0.00003	0.00000
39	0.00001	0.00000	-0.00771	0.00012	0.00002	0.00000
40	0.00014	0.00000	-0.00072	0.00007	0.00011	0.00002
41	0.00016	0.00000	-0.00070	0.00006	0.00011	0.00002
42	0.00001	0.00002	0.00126	-0.00036	-0.00014	0.00000
43	0.00000	0.00001	0.00105	-0.00030	-0.00011	0.00000
44	0.00015	0.00000	-0.00805	0.00008	0.00010	0.00002
45	0.00014	-0.00001	-0.00881	0.00029	0.00018	0.00002
46	0.00015	0.00000	-0.00811	0.00010	0.00010	0.00002
47	0.00014	0.00000	-0.00874	0.00028	0.00017	0.00002
48	-0.00013	0.00001	-0.00661	-0.00005	-0.00013	-0.00002
49	-0.00013	0.00000	-0.00736	0.00016	-0.00005	-0.00002
50	-0.00013	0.00001	-0.00667	-0.00004	-0.00012	-0.00002
51	-0.00013	0.00000	-0.00730	0.00014	-0.00006	-0.00002
52	0.00017	0.00001	-0.00803	0.00008	0.00009	0.00002
53	0.00016	0.00000	-0.00879	0.00029	0.00017	0.00002
54	0.00016	0.00000	-0.00809	0.00009	0.00010	0.00002
55	0.00016	0.00000	-0.00872	0.00027	0.00016	0.00002
56	-0.00014	0.00001	-0.00663	-0.00005	-0.00012	-0.00002
57	-0.00015	0.00000	-0.00738	0.00017	-0.00004	-0.00002
58	-0.00015	0.00000	-0.00669	-0.00003	-0.00012	-0.00002
59	-0.00015	0.00000	-0.00732	0.00015	-0.00005	-0.00002
60	0.00006	0.00002	-0.00667	-0.00021	-0.00008	0.00001
61	-0.00002	0.00002	-0.00624	-0.00025	-0.00015	0.00000
62	0.00007	0.00002	-0.00666	-0.00022	-0.00008	0.00001
63	-0.00003	0.00002	-0.00624	-0.00025	-0.00014	0.00000
64	0.00004	-0.00002	-0.00918	0.00050	0.00020	0.00000
65	-0.00005	-0.00002	-0.00875	0.00046	0.00013	-0.00001
66	0.00004	-0.00002	-0.00917	0.00049	0.00019	0.00001

67	-0.00005	-0.00002	-0.00875	0.00046	0.00013	-0.00001
68	0.00005	0.00001	-0.00687	-0.00016	-0.00005	0.00001
69	-0.00003	0.00001	-0.00644	-0.00020	-0.00012	-0.00001
70	0.00006	0.00001	-0.00687	-0.00016	-0.00006	0.00001
71	-0.00004	0.00001	-0.00645	-0.00019	-0.00012	-0.00001
72	0.00005	-0.00001	-0.00898	0.00044	0.00017	0.00001
73	-0.00004	-0.00001	-0.00854	0.00040	0.00010	0.00000
74	0.00005	-0.00001	-0.00897	0.00044	0.00017	0.00001
75	-0.00004	-0.00001	-0.00855	0.00040	0.00010	-0.00001
1	0.00000	0.00000	-0.00409	0.00007	0.00004	0.00000
2	0.00000	0.00000	-0.00350	0.00002	-0.00003	0.00000
3	0.00000	0.00000	-0.00014	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00030	0.00001	0.00000	0.00000
5	0.00001	0.00000	-0.00003	0.00000	0.00000	0.00000
6	-0.00001	0.00000	0.00002	-0.00001	0.00000	0.00000
7	0.00000	0.00000	0.00010	-0.00003	-0.00001	0.00000
8	0.00000	0.00000	-0.00010	0.00003	0.00001	0.00000
9	0.00002	0.00000	-0.01033	0.00012	0.00003	0.00000
10	0.00001	0.00000	-0.01029	0.00012	0.00002	0.00000
11	0.00001	0.00000	-0.01022	0.00009	0.00001	0.00000
12	0.00001	0.00000	-0.01039	0.00015	0.00004	0.00000
13	0.00002	0.00000	-0.01034	0.00012	0.00003	0.00000
14	0.00001	0.00000	-0.01031	0.00012	0.00003	0.00000
15	0.00001	0.00000	-0.01023	0.00009	0.00002	0.00000
16	0.00001	0.00000	-0.01041	0.00015	0.00004	0.00000
17	0.00002	0.00000	-0.01013	0.00012	0.00003	0.00000
18	0.00000	0.00000	-0.01007	0.00011	0.00002	0.00000
19	0.00001	0.00000	-0.00995	0.00006	0.00001	0.00000
20	0.00001	0.00000	-0.01024	0.00017	0.00005	0.00000
21	0.00001	0.00000	-0.00790	0.00009	0.00002	0.00000
22	0.00000	0.00000	-0.00787	0.00009	0.00002	0.00000
23	0.00001	0.00000	-0.00783	0.00007	0.00001	0.00000
24	0.00001	0.00000	-0.00794	0.00011	0.00003	0.00000
25	0.00001	0.00000	-0.00791	0.00009	0.00002	0.00000
26	0.00000	0.00000	-0.00788	0.00009	0.00002	0.00000
27	0.00001	0.00000	-0.00784	0.00007	0.00001	0.00000
28	0.00001	0.00000	-0.00795	0.00011	0.00003	0.00000
29	0.00001	0.00000	-0.00777	0.00009	0.00002	0.00000
30	0.00000	0.00000	-0.00773	0.00008	0.00002	0.00000
31	0.00001	0.00000	-0.00765	0.00005	0.00001	0.00000
32	0.00001	0.00000	-0.00784	0.00012	0.00003	0.00000
33	0.00001	0.00000	-0.00759	0.00008	0.00002	0.00000
34	0.00001	0.00000	-0.00765	0.00009	0.00002	0.00000
35	0.00001	0.00000	-0.00760	0.00009	0.00002	0.00000
36	0.00001	0.00000	-0.00759	0.00008	0.00002	0.00000
37	0.00001	0.00000	-0.00758	0.00008	0.00001	0.00000
38	0.00001	0.00000	-0.00761	0.00009	0.00002	0.00000
39	0.00001	0.00000	-0.00759	0.00008	0.00002	0.00000
40	0.00012	0.00000	-0.00065	0.00005	0.00011	0.00002

41	0.00013	0.00000	-0.00064	0.00005	0.00011	0.00003
42	0.00001	0.00003	0.00089	-0.00031	-0.00010	0.00000
43	0.00000	0.00002	0.00075	-0.00026	-0.00008	0.00000
44	0.00013	0.00001	-0.00798	0.00004	0.00010	0.00002
45	0.00012	-0.00001	-0.00851	0.00023	0.00016	0.00002
46	0.00012	0.00001	-0.00802	0.00006	0.00010	0.00002
47	0.00012	-0.00001	-0.00847	0.00022	0.00015	0.00002
48	-0.00011	0.00001	-0.00667	-0.00006	-0.00012	-0.00002
49	-0.00011	-0.00001	-0.00721	0.00013	-0.00006	-0.00002
50	-0.00011	0.00001	-0.00672	-0.00005	-0.00012	-0.00002
51	-0.00011	0.00000	-0.00716	0.00011	-0.00007	-0.00002
52	0.00014	0.00001	-0.00797	0.00004	0.00009	0.00003
53	0.00013	-0.00001	-0.00850	0.00023	0.00015	0.00003
54	0.00014	0.00001	-0.00801	0.00005	0.00010	0.00003
55	0.00014	-0.00001	-0.00846	0.00021	0.00015	0.00003
56	-0.00012	0.00001	-0.00669	-0.00006	-0.00012	-0.00002
57	-0.00013	-0.00001	-0.00722	0.00013	-0.00006	-0.00003
58	-0.00012	0.00001	-0.00673	-0.00004	-0.00011	-0.00002
59	-0.00012	-0.00001	-0.00718	0.00011	-0.00006	-0.00002
60	0.00005	0.00003	-0.00690	-0.00021	-0.00005	0.00001
61	-0.00002	0.00003	-0.00651	-0.00025	-0.00012	0.00000
62	0.00006	0.00003	-0.00690	-0.00021	-0.00005	0.00001
63	-0.00002	0.00003	-0.00651	-0.00024	-0.00011	0.00000
64	0.00003	-0.00003	-0.00868	0.00041	0.00015	0.00000
65	-0.00004	-0.00002	-0.00829	0.00038	0.00008	-0.00001
66	0.00003	-0.00002	-0.00868	0.00041	0.00015	0.00001
67	-0.00004	-0.00002	-0.00829	0.00038	0.00008	-0.00001
68	0.00004	0.00002	-0.00704	-0.00016	-0.00003	0.00001
69	-0.00002	0.00002	-0.00665	-0.00019	-0.00010	-0.00001
70	0.00005	0.00002	-0.00704	-0.00016	-0.00003	0.00001
71	-0.00003	0.00002	-0.00666	-0.00019	-0.00010	-0.00001
72	0.00004	-0.00002	-0.00854	0.00036	0.00013	0.00001
73	-0.00003	-0.00002	-0.00814	0.00033	0.00006	-0.00001
74	0.00004	-0.00002	-0.00853	0.00036	0.00013	0.00001
75	-0.00003	-0.00002	-0.00815	0.00033	0.00007	-0.00001

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GLOBAL

1	0.00000	0.00000	-0.00404	0.00004	0.00004	0.00000
2	0.00000	0.00000	-0.00348	0.00001	-0.00003	0.00000
3	0.00000	0.00000	-0.00014	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00029	0.00000	0.00000	0.00000
5	0.00000	0.00000	-0.00002	0.00000	0.00000	0.00000
6	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00006	-0.00003	-0.00001	0.00000
8	0.00000	0.00000	-0.00006	0.00003	0.00001	0.00000
9	0.00001	0.00000	-0.01023	0.00007	0.00002	0.00000
10	0.00001	0.00000	-0.01020	0.00006	0.00001	0.00000
11	0.00001	0.00000	-0.01015	0.00003	0.00001	0.00000
12	0.00001	0.00000	-0.01026	0.00009	0.00002	0.00000
13	0.00001	0.00000	-0.01024	0.00007	0.00002	0.00000
14	0.00001	0.00000	-0.01021	0.00006	0.00002	0.00000

15	0.00001	0.00000	-0.01017	0.00003	0.00001	0.00000
16	0.00001	0.00000	-0.01027	0.00009	0.00003	0.00000
17	0.00002	0.00000	-0.01003	0.00007	0.00002	0.00000
18	0.00000	0.00000	-0.00998	0.00006	0.00001	0.00000
19	0.00001	0.00001	-0.00991	0.00001	0.00000	0.00000
20	0.00001	0.00000	-0.01009	0.00011	0.00003	0.00000
21	0.00001	0.00000	-0.00782	0.00005	0.00001	0.00000
22	0.00000	0.00000	-0.00780	0.00005	0.00001	0.00000
23	0.00001	0.00000	-0.00777	0.00003	0.00001	0.00000
24	0.00001	0.00000	-0.00784	0.00007	0.00002	0.00000
25	0.00001	0.00000	-0.00783	0.00005	0.00002	0.00000
26	0.00000	0.00000	-0.00781	0.00005	0.00001	0.00000
27	0.00001	0.00000	-0.00778	0.00003	0.00001	0.00000
28	0.00001	0.00000	-0.00785	0.00007	0.00002	0.00000
29	0.00001	0.00000	-0.00769	0.00005	0.00002	0.00000
30	0.00000	0.00000	-0.00766	0.00004	0.00001	0.00000
31	0.00001	0.00000	-0.00761	0.00001	0.00000	0.00000
32	0.00001	0.00000	-0.00773	0.00008	0.00002	0.00000
33	0.00001	0.00000	-0.00752	0.00005	0.00001	0.00000
34	0.00001	0.00000	-0.00758	0.00005	0.00001	0.00000
35	0.00001	0.00000	-0.00753	0.00005	0.00001	0.00000
36	0.00001	0.00000	-0.00752	0.00004	0.00001	0.00000
37	0.00001	0.00000	-0.00751	0.00004	0.00001	0.00000
38	0.00001	0.00000	-0.00754	0.00005	0.00001	0.00000
39	0.00001	0.00000	-0.00752	0.00005	0.00001	0.00000
40	0.00009	0.00000	-0.00060	0.00004	0.00011	0.00002
41	0.00010	0.00000	-0.00060	0.00003	0.00010	0.00002
42	0.00001	0.00004	0.00056	-0.00030	-0.00006	0.00000
43	0.00000	0.00003	0.00046	-0.00025	-0.00005	0.00000
44	0.00010	0.00001	-0.00796	-0.00001	0.00010	0.00002
45	0.00010	-0.00001	-0.00829	0.00017	0.00014	0.00002
46	0.00010	0.00001	-0.00799	0.00000	0.00010	0.00002
47	0.00010	-0.00001	-0.00827	0.00016	0.00013	0.00002
48	-0.00009	0.00001	-0.00675	-0.00008	-0.00012	-0.00002
49	-0.00009	-0.00001	-0.00709	0.00010	-0.00008	-0.00002
50	-0.00009	0.00001	-0.00678	-0.00007	-0.00011	-0.00002
51	-0.00009	0.00000	-0.00706	0.00009	-0.00008	-0.00002
52	0.00011	0.00001	-0.00795	-0.00001	0.00010	0.00002
53	0.00011	-0.00001	-0.00829	0.00017	0.00013	0.00002
54	0.00011	0.00001	-0.00798	0.00000	0.00010	0.00002
55	0.00011	-0.00001	-0.00826	0.00015	0.00013	0.00002
56	-0.00009	0.00001	-0.00676	-0.00008	-0.00011	-0.00002
57	-0.00010	-0.00001	-0.00709	0.00010	-0.00008	-0.00002
58	-0.00010	0.00001	-0.00679	-0.00006	-0.00011	-0.00002
59	-0.00010	-0.00001	-0.00707	0.00009	-0.00008	-0.00002
60	0.00004	0.00004	-0.00715	-0.00024	-0.00002	0.00001
61	-0.00001	0.00004	-0.00679	-0.00027	-0.00008	0.00000
62	0.00004	0.00004	-0.00715	-0.00025	-0.00002	0.00001
63	-0.00002	0.00004	-0.00679	-0.00026	-0.00008	0.00000
64	0.00003	-0.00004	-0.00826	0.00036	0.00010	0.00000

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GLOBAL

65	-0.00003	-0.00003	-0.00790	0.00033	0.00004	-0.00001
66	0.00003	-0.00003	-0.00826	0.00035	0.00010	0.00000
67	-0.00003	-0.00003	-0.00790	0.00034	0.00004	-0.00001
68	0.00004	0.00003	-0.00724	-0.00020	-0.00001	0.00001
69	-0.00002	0.00003	-0.00688	-0.00022	-0.00007	0.00000
70	0.00004	0.00003	-0.00724	-0.00020	-0.00001	0.00001
71	-0.00002	0.00003	-0.00688	-0.00022	-0.00007	-0.00001
72	0.00003	-0.00003	-0.00817	0.00031	0.00009	0.00000
73	-0.00002	-0.00003	-0.00781	0.00029	0.00003	-0.00001
74	0.00003	-0.00003	-0.00817	0.00031	0.00009	0.00001
75	-0.00003	-0.00003	-0.00781	0.00029	0.00003	-0.00001
1	0.00000	0.00000	-0.00402	0.00001	0.00003	0.00000
2	0.00000	0.00000	-0.00348	0.00000	-0.00003	0.00000
3	0.00000	0.00000	-0.00014	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00029	0.00000	0.00000	0.00000
5	0.00000	0.00000	-0.00002	0.00000	0.00000	0.00000
6	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00002	-0.00003	0.00000	0.00000
8	0.00000	0.00000	-0.00002	0.00003	0.00000	0.00000
9	0.00001	0.00000	-0.01018	0.00002	0.00001	0.00000
10	0.00001	0.00000	-0.01016	0.00002	0.00000	0.00000
11	0.00001	0.00001	-0.01014	-0.00001	0.00000	0.00000
12	0.00001	0.00000	-0.01018	0.00005	0.00001	0.00000
13	0.00001	0.00000	-0.01019	0.00002	0.00001	0.00000
14	0.00001	0.00000	-0.01017	0.00002	0.00001	0.00000
15	0.00001	0.00001	-0.01016	-0.00001	0.00001	0.00000
16	0.00001	0.00000	-0.01020	0.00005	0.00001	0.00000
17	0.00001	0.00000	-0.00999	0.00002	0.00001	0.00000
18	0.00000	0.00000	-0.00995	0.00001	0.00001	0.00000
19	0.00001	0.00001	-0.00992	-0.00003	0.00000	0.00000
20	0.00001	0.00000	-0.00999	0.00007	0.00001	0.00000
21	0.00001	0.00000	-0.00779	0.00001	0.00000	0.00000
22	0.00000	0.00000	-0.00777	0.00001	0.00000	0.00000
23	0.00001	0.00000	-0.00776	-0.00001	0.00000	0.00000
24	0.00001	0.00000	-0.00779	0.00003	0.00000	0.00000
25	0.00001	0.00000	-0.00780	0.00001	0.00001	0.00000
26	0.00000	0.00000	-0.00778	0.00001	0.00001	0.00000
27	0.00001	0.00000	-0.00777	-0.00001	0.00000	0.00000
28	0.00001	0.00000	-0.00780	0.00003	0.00001	0.00000
29	0.00001	0.00000	-0.00766	0.00001	0.00001	0.00000
30	0.00000	0.00000	-0.00763	0.00001	0.00000	0.00000
31	0.00001	0.00001	-0.00761	-0.00002	0.00000	0.00000
32	0.00001	0.00000	-0.00766	0.00005	0.00001	0.00000
33	0.00001	0.00000	-0.00749	0.00001	0.00000	0.00000
34	0.00001	0.00000	-0.00755	0.00001	0.00000	0.00000
35	0.00001	0.00000	-0.00750	0.00001	0.00000	0.00000
36	0.00001	0.00000	-0.00749	0.00001	0.00000	0.00000
37	0.00001	0.00000	-0.00749	0.00001	0.00000	0.00000
38	0.00001	0.00000	-0.00750	0.00002	0.00000	0.00000

39	0.00001	0.00000	-0.00749	0.00001	0.00000	0.00000
40	0.00008	0.00000	-0.00058	0.00002	0.00011	0.00001
41	0.00008	0.00000	-0.00057	0.00001	0.00010	0.00001
42	0.00000	0.00005	0.00022	-0.00032	-0.00002	0.00000
43	0.00000	0.00004	0.00018	-0.00027	-0.00002	0.00000
44	0.00009	0.00001	-0.00800	-0.00007	0.00010	0.00001
45	0.00009	-0.00001	-0.00814	0.00012	0.00012	0.00001
46	0.00009	0.00001	-0.00801	-0.00005	0.00010	0.00001
47	0.00009	-0.00001	-0.00812	0.00011	0.00012	0.00001
48	-0.00007	0.00002	-0.00685	-0.00010	-0.00011	-0.00001
49	-0.00008	-0.00001	-0.00698	0.00009	-0.00009	-0.00001
50	-0.00007	0.00002	-0.00686	-0.00008	-0.00011	-0.00001
51	-0.00008	-0.00001	-0.00697	0.00008	-0.00010	-0.00001
52	0.00009	0.00002	-0.00800	-0.00007	0.00010	0.00001
53	0.00009	-0.00001	-0.00813	0.00012	0.00012	0.00001
54	0.00009	0.00001	-0.00801	-0.00006	0.00010	0.00001
55	0.00009	-0.00001	-0.00812	0.00010	0.00011	0.00001
56	-0.00008	0.00002	-0.00685	-0.00009	-0.00011	-0.00001
57	-0.00008	-0.00001	-0.00699	0.00010	-0.00009	-0.00001
58	-0.00008	0.00001	-0.00687	-0.00008	-0.00011	-0.00001
59	-0.00008	-0.00001	-0.00697	0.00008	-0.00009	-0.00001
60	0.00003	0.00005	-0.00745	-0.00030	0.00001	0.00001
61	-0.00001	0.00005	-0.00710	-0.00031	-0.00005	0.00000
62	0.00003	0.00005	-0.00745	-0.00030	0.00001	0.00001
63	-0.00002	0.00005	-0.00710	-0.00031	-0.00005	0.00000
64	0.00003	-0.00004	-0.00788	0.00033	0.00006	0.00000
65	-0.00002	-0.00004	-0.00754	0.00033	0.00000	-0.00001
66	0.00003	-0.00004	-0.00788	0.00033	0.00006	0.00000
67	-0.00002	-0.00004	-0.00754	0.00033	0.00000	-0.00001
68	0.00003	0.00004	-0.00748	-0.00025	0.00002	0.00000
69	-0.00002	0.00004	-0.00714	-0.00026	-0.00005	0.00000
70	0.00003	0.00004	-0.00748	-0.00025	0.00002	0.00001
71	-0.00002	0.00004	-0.00714	-0.00026	-0.00005	0.00000
72	0.00003	-0.00004	-0.00785	0.00028	0.00005	0.00000
73	-0.00002	-0.00003	-0.00750	0.00027	-0.00001	0.00000
74	0.00003	-0.00003	-0.00785	0.00028	0.00005	0.00000
75	-0.00002	-0.00003	-0.00750	0.00027	-0.00001	0.00000

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GLOBAL

1	0.00000	0.00000	-0.00402	-0.00001	0.00003	0.00000
2	0.00000	0.00000	-0.00348	0.00000	-0.00003	0.00000
3	0.00000	0.00000	-0.00014	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00029	0.00000	0.00000	0.00000
5	0.00000	0.00000	-0.00002	0.00000	0.00000	0.00000
6	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	-0.00002	-0.00003	0.00000	0.00000
8	0.00000	0.00000	0.00002	0.00003	0.00000	0.00000
9	0.00001	0.00000	-0.01018	-0.00002	0.00001	0.00000
10	0.00001	0.00000	-0.01016	-0.00002	0.00000	0.00000
11	0.00001	0.00001	-0.01019	-0.00005	0.00001	0.00000
12	0.00001	0.00000	-0.01014	0.00001	0.00000	0.00000

13	0.00001	0.00000	-0.01019	-0.00002	0.00001	0.00000
14	0.00001	0.00000	-0.01017	-0.00002	0.00001	0.00000
15	0.00001	0.00001	-0.01020	-0.00005	0.00001	0.00000
16	0.00001	0.00000	-0.01016	0.00001	0.00001	0.00000
17	0.00001	0.00000	-0.00999	-0.00002	0.00001	0.00000
18	0.00000	0.00000	-0.00995	-0.00001	0.00001	0.00000
19	0.00001	0.00001	-0.00999	-0.00007	0.00001	0.00000
20	0.00001	0.00000	-0.00992	0.00003	0.00000	0.00000
21	0.00001	0.00000	-0.00779	-0.00001	0.00000	0.00000
22	0.00000	0.00000	-0.00777	-0.00001	0.00000	0.00000
23	0.00001	0.00001	-0.00779	-0.00003	0.00000	0.00000
24	0.00001	0.00000	-0.00776	0.00001	0.00000	0.00000
25	0.00001	0.00000	-0.00780	-0.00001	0.00001	0.00000
26	0.00000	0.00000	-0.00778	-0.00001	0.00001	0.00000
27	0.00001	0.00001	-0.00780	-0.00003	0.00001	0.00000
28	0.00001	0.00000	-0.00777	0.00001	0.00000	0.00000
29	0.00001	0.00000	-0.00766	-0.00001	0.00001	0.00000
30	0.00000	0.00000	-0.00763	-0.00001	0.00000	0.00000
31	0.00001	0.00001	-0.00766	-0.00005	0.00001	0.00000
32	0.00001	0.00000	-0.00761	0.00002	0.00000	0.00000
33	0.00001	0.00000	-0.00749	-0.00001	0.00000	0.00000
34	0.00001	0.00000	-0.00755	-0.00001	0.00000	0.00000
35	0.00001	0.00000	-0.00750	-0.00001	0.00000	0.00000
36	0.00001	0.00000	-0.00749	-0.00001	0.00000	0.00000
37	0.00001	0.00000	-0.00750	-0.00002	0.00000	0.00000
38	0.00001	0.00000	-0.00749	-0.00001	0.00000	0.00000
39	0.00001	0.00000	-0.00749	-0.00001	0.00000	0.00000
40	0.00008	0.00000	-0.00057	-0.00001	0.00010	-0.00001
41	0.00008	0.00000	-0.00058	-0.00002	0.00011	-0.00001
42	0.00000	0.00005	-0.00023	-0.00032	0.00002	0.00000
43	0.00000	0.00004	-0.00019	-0.00026	0.00002	0.00000
44	0.00009	0.00001	-0.00813	-0.00012	0.00012	-0.00001
45	0.00009	-0.00002	-0.00800	0.00007	0.00010	-0.00001
46	0.00009	0.00001	-0.00812	-0.00010	0.00011	-0.00001
47	0.00009	-0.00001	-0.00801	-0.00006	0.00010	-0.00001
48	-0.00008	0.00002	-0.00699	-0.00010	-0.00009	0.00001
49	-0.00008	-0.00001	-0.00685	0.00009	-0.00011	0.00001
50	-0.00008	0.00002	-0.00698	-0.00008	-0.00009	0.00001
51	-0.00008	-0.00001	-0.00686	0.00008	-0.00011	0.00001
52	0.00009	0.00002	-0.00814	-0.00012	0.00012	0.00000
53	0.00009	-0.00001	-0.00800	0.00007	0.00010	-0.00001
54	0.00009	0.00001	-0.00813	-0.00011	0.00012	-0.00001
55	0.00009	-0.00001	-0.00801	0.00005	0.00010	-0.00001
56	-0.00007	0.00002	-0.00698	-0.00009	-0.00009	0.00001
57	-0.00007	-0.00001	-0.00685	0.00010	-0.00011	0.00000
58	-0.00007	0.00002	-0.00697	-0.00008	-0.00010	0.00001
59	-0.00007	-0.00001	-0.00686	0.00008	-0.00011	0.00000
60	0.00003	0.00006	-0.00789	-0.00033	0.00006	0.00000
61	-0.00002	0.00006	-0.00755	-0.00033	0.00000	0.00001
62	0.00003	0.00006	-0.00789	-0.00033	0.00006	0.00000

63	-0.00002	0.00006	-0.00755	-0.00032	0.00000	0.00000
64	0.00003	-0.00005	-0.00744	0.00030	0.00001	-0.00001
65	-0.00002	-0.00005	-0.00710	0.00031	-0.00005	0.00000
66	0.00003	-0.00005	-0.00744	0.00030	0.00001	-0.00001
67	-0.00002	-0.00005	-0.00709	0.00031	-0.00005	0.00000
68	0.00003	0.00004	-0.00785	-0.00028	0.00005	0.00000
69	-0.00002	0.00005	-0.00751	-0.00027	-0.00001	0.00000
70	0.00003	0.00005	-0.00785	-0.00028	0.00006	0.00000
71	-0.00002	0.00005	-0.00751	-0.00027	-0.00001	0.00000
72	0.00003	-0.00004	-0.00748	0.00025	0.00002	0.00000
73	-0.00002	-0.00004	-0.00713	0.00026	-0.00005	0.00000
74	0.00003	-0.00004	-0.00748	0.00025	0.00002	0.00000
75	-0.00002	-0.00004	-0.00713	0.00026	-0.00005	0.00000

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1	0.00000	0.00000	-0.00404	-0.00004	0.00004	0.00000
2	0.00000	0.00000	-0.00348	-0.00001	-0.00003	0.00000
3	0.00000	0.00000	-0.00014	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00029	0.00000	0.00000	0.00000
5	0.00000	0.00000	-0.00002	0.00000	0.00000	0.00000
6	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000
7	0.00000	0.00000	-0.00006	-0.00003	0.00001	0.00000
8	0.00000	0.00000	0.00006	0.00003	-0.00001	0.00000
9	0.00001	0.00000	-0.01023	-0.00007	0.00002	0.00000
10	0.00001	0.00000	-0.01020	-0.00006	0.00001	0.00000
11	0.00001	0.00001	-0.01026	-0.00009	0.00002	0.00000
12	0.00001	0.00000	-0.01015	-0.00003	0.00001	0.00000
13	0.00001	0.00000	-0.01024	-0.00007	0.00002	0.00000
14	0.00001	0.00000	-0.01021	-0.00006	0.00002	0.00000
15	0.00001	0.00001	-0.01027	-0.00009	0.00003	0.00000
16	0.00001	0.00000	-0.01017	-0.00003	0.00001	0.00000
17	0.00002	0.00000	-0.01003	-0.00007	0.00002	0.00000
18	0.00000	0.00000	-0.00998	-0.00006	0.00001	0.00000
19	0.00001	0.00001	-0.01009	-0.00011	0.00003	0.00000
20	0.00001	0.00000	-0.00991	-0.00001	0.00000	0.00000
21	0.00001	0.00000	-0.00782	-0.00005	0.00001	0.00000
22	0.00000	0.00000	-0.00780	-0.00005	0.00001	0.00000
23	0.00001	0.00001	-0.00784	-0.00007	0.00002	0.00000
24	0.00001	0.00000	-0.00777	-0.00003	0.00001	0.00000
25	0.00001	0.00000	-0.00783	-0.00005	0.00002	0.00000
26	0.00000	0.00000	-0.00781	-0.00005	0.00001	0.00000
27	0.00001	0.00001	-0.00785	-0.00007	0.00002	0.00000
28	0.00001	0.00000	-0.00778	-0.00003	0.00001	0.00000
29	0.00001	0.00000	-0.00769	-0.00005	0.00002	0.00000
30	0.00000	0.00000	-0.00766	-0.00004	0.00001	0.00000
31	0.00001	0.00001	-0.00773	-0.00008	0.00002	0.00000
32	0.00001	0.00000	-0.00761	-0.00001	0.00000	0.00000
33	0.00001	0.00000	-0.00752	-0.00005	0.00001	0.00000
34	0.00001	0.00000	-0.00758	-0.00005	0.00001	0.00000
35	0.00001	0.00000	-0.00753	-0.00005	0.00001	0.00000
36	0.00001	0.00000	-0.00752	-0.00004	0.00001	0.00000

37	0.00001	0.00000	-0.00754	-0.00005	0.00001	0.00000
38	0.00001	0.00000	-0.00751	-0.00004	0.00001	0.00000
39	0.00001	0.00000	-0.00752	-0.00005	0.00001	0.00000
40	0.00010	0.00000	-0.00060	-0.00003	0.00010	-0.00002
41	0.00009	0.00000	-0.00060	-0.00004	0.00011	-0.00001
42	0.00000	0.00006	-0.00056	-0.00030	0.00006	0.00000
43	0.00000	0.00005	-0.00047	-0.00025	0.00005	0.00000
44	0.00010	0.00002	-0.00829	-0.00017	0.00013	-0.00002
45	0.00011	-0.00002	-0.00795	0.00001	0.00010	-0.00002
46	0.00010	0.00001	-0.00826	-0.00015	0.00013	-0.00002
47	0.00010	-0.00002	-0.00798	0.00000	0.00010	-0.00002
48	-0.00009	0.00002	-0.00710	-0.00010	-0.00008	0.00002
49	-0.00009	-0.00001	-0.00676	0.00008	-0.00011	0.00002
50	-0.00009	0.00002	-0.00707	-0.00009	-0.00008	0.00002
51	-0.00009	-0.00001	-0.00679	0.00006	-0.00011	0.00002
52	0.00010	0.00002	-0.00830	-0.00017	0.00014	-0.00001
53	0.00010	-0.00002	-0.00796	0.00001	0.00010	-0.00002
54	0.00010	0.00002	-0.00827	-0.00016	0.00013	-0.00002
55	0.00010	-0.00001	-0.00799	-0.00001	0.00010	-0.00002
56	-0.00009	0.00002	-0.00709	-0.00010	-0.00008	0.00001
57	-0.00008	-0.00001	-0.00675	0.00008	-0.00012	0.00001
58	-0.00009	0.00002	-0.00706	-0.00009	-0.00008	0.00001
59	-0.00008	-0.00001	-0.00678	0.00007	-0.00011	0.00001
60	0.00003	0.00006	-0.00826	-0.00035	0.00010	0.00000
61	-0.00003	0.00006	-0.00791	-0.00033	0.00004	0.00001
62	0.00003	0.00006	-0.00827	-0.00035	0.00010	0.00000
63	-0.00003	0.00006	-0.00790	-0.00033	0.00004	0.00001
64	0.00004	-0.00006	-0.00714	0.00024	-0.00002	-0.00001
65	-0.00002	-0.00005	-0.00678	0.00026	-0.00008	0.00000
66	0.00004	-0.00006	-0.00714	0.00024	-0.00002	-0.00001
67	-0.00002	-0.00006	-0.00678	0.00026	-0.00008	0.00000
68	0.00003	0.00005	-0.00817	-0.00031	0.00009	-0.00001
69	-0.00002	0.00005	-0.00781	-0.00029	0.00003	0.00001
70	0.00003	0.00005	-0.00817	-0.00031	0.00009	0.00000
71	-0.00002	0.00005	-0.00781	-0.00029	0.00003	0.00000
72	0.00004	-0.00005	-0.00723	0.00020	-0.00001	-0.00001
73	-0.00002	-0.00004	-0.00687	0.00021	-0.00007	0.00001
74	0.00004	-0.00004	-0.00723	0.00020	-0.00001	0.00000
75	-0.00002	-0.00004	-0.00687	0.00022	-0.00007	0.00000

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GLOBAL

1	0.00000	0.00000	-0.00409	-0.00007	0.00004	0.00000
2	0.00000	0.00000	-0.00350	-0.00002	-0.00003	0.00000
3	0.00000	0.00000	-0.00014	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00030	-0.00001	0.00000	0.00000
5	0.00001	0.00000	-0.00003	0.00000	0.00000	0.00000
6	-0.00001	0.00000	0.00002	0.00001	0.00000	0.00000
7	0.00000	0.00001	-0.00010	-0.00003	0.00001	0.00000
8	0.00000	-0.00001	0.00010	0.00003	-0.00001	0.00000
9	0.00002	0.00000	-0.01033	-0.00012	0.00003	0.00000
10	0.00001	0.00000	-0.01029	-0.00012	0.00002	0.00000

11	0.00001	0.00001	-0.01039	-0.00015	0.00004	0.00000
12	0.00001	0.00000	-0.01022	-0.00009	0.00001	0.00000
13	0.00002	0.00000	-0.01034	-0.00012	0.00003	0.00000
14	0.00001	0.00000	-0.01031	-0.00012	0.00003	0.00000
15	0.00001	0.00001	-0.01041	-0.00015	0.00004	0.00000
16	0.00001	0.00000	-0.01023	-0.00009	0.00002	0.00000
17	0.00002	0.00000	-0.01013	-0.00012	0.00003	0.00000
18	0.00000	0.00000	-0.01007	-0.00011	0.00002	0.00000
19	0.00001	0.00001	-0.01024	-0.00017	0.00005	0.00000
20	0.00001	0.00000	-0.00995	-0.00006	0.00001	0.00000
21	0.00001	0.00000	-0.00790	-0.00009	0.00002	0.00000
22	0.00000	0.00000	-0.00787	-0.00009	0.00002	0.00000
23	0.00001	0.00001	-0.00794	-0.00011	0.00003	0.00000
24	0.00001	0.00000	-0.00783	-0.00007	0.00001	0.00000
25	0.00001	0.00000	-0.00791	-0.00009	0.00002	0.00000
26	0.00000	0.00000	-0.00788	-0.00009	0.00002	0.00000
27	0.00001	0.00001	-0.00795	-0.00011	0.00003	0.00000
28	0.00001	0.00000	-0.00784	-0.00007	0.00001	0.00000
29	0.00001	0.00000	-0.00777	-0.00009	0.00002	0.00000
30	0.00000	0.00000	-0.00773	-0.00008	0.00002	0.00000
31	0.00001	0.00001	-0.00784	-0.00012	0.00003	0.00000
32	0.00001	0.00000	-0.00765	-0.00005	0.00001	0.00000
33	0.00001	0.00000	-0.00759	-0.00008	0.00002	0.00000
34	0.00001	0.00000	-0.00765	-0.00009	0.00002	0.00000
35	0.00001	0.00000	-0.00760	-0.00009	0.00002	0.00000
36	0.00001	0.00000	-0.00759	-0.00008	0.00002	0.00000
37	0.00001	0.00000	-0.00761	-0.00009	0.00002	0.00000
38	0.00001	0.00000	-0.00758	-0.00008	0.00001	0.00000
39	0.00001	0.00000	-0.00759	-0.00008	0.00002	0.00000
40	0.00012	0.00000	-0.00064	-0.00005	0.00011	-0.00002
41	0.00011	0.00000	-0.00065	-0.00005	0.00011	-0.00002
42	-0.00001	0.00006	-0.00089	-0.00031	0.00010	0.00000
43	0.00000	0.00005	-0.00075	-0.00026	0.00008	0.00000
44	0.00013	0.00002	-0.00850	-0.00023	0.00015	-0.00002
45	0.00013	-0.00002	-0.00797	-0.00004	0.00009	-0.00003
46	0.00013	0.00001	-0.00846	-0.00021	0.00015	-0.00002
47	0.00013	-0.00002	-0.00801	-0.00006	0.00010	-0.00002
48	-0.00012	0.00003	-0.00722	-0.00013	-0.00006	0.00002
49	-0.00011	-0.00001	-0.00669	0.00006	-0.00012	0.00002
50	-0.00012	0.00002	-0.00718	-0.00011	-0.00006	0.00002
51	-0.00011	-0.00001	-0.00673	0.00004	-0.00011	0.00002
52	0.00012	0.00002	-0.00852	-0.00023	0.00016	-0.00002
53	0.00012	-0.00002	-0.00798	-0.00004	0.00010	-0.00002
54	0.00012	0.00002	-0.00847	-0.00022	0.00015	-0.00002
55	0.00012	-0.00001	-0.00802	-0.00006	0.00010	-0.00002
56	-0.00011	0.00002	-0.00721	-0.00012	-0.00006	0.00002
57	-0.00010	-0.00002	-0.00667	0.00006	-0.00012	0.00002
58	-0.00010	0.00002	-0.00717	-0.00011	-0.00007	0.00002
59	-0.00010	-0.00001	-0.00672	0.00005	-0.00012	0.00002
60	0.00004	0.00006	-0.00868	-0.00041	0.00015	-0.00001

61	-0.00004	0.00007	-0.00830	-0.00038	0.00008	0.00001
62	0.00003	0.00007	-0.00868	-0.00041	0.00015	0.00000
63	-0.00003	0.00007	-0.00829	-0.00038	0.00008	0.00001
64	0.00005	-0.00006	-0.00689	0.00021	-0.00005	-0.00001
65	-0.00002	-0.00006	-0.00651	0.00024	-0.00011	0.00000
66	0.00005	-0.00006	-0.00690	0.00021	-0.00005	-0.00001
67	-0.00002	-0.00006	-0.00650	0.00024	-0.00012	0.00000
68	0.00004	0.00005	-0.00854	-0.00036	0.00013	-0.00001
69	-0.00003	0.00005	-0.00815	-0.00033	0.00007	0.00001
70	0.00004	0.00005	-0.00854	-0.00036	0.00013	-0.00001
71	-0.00003	0.00005	-0.00815	-0.00033	0.00007	0.00000
72	0.00004	-0.00005	-0.00704	0.00016	-0.00003	-0.00001
73	-0.00003	-0.00005	-0.00665	0.00019	-0.00010	0.00001
74	0.00004	-0.00005	-0.00704	0.00016	-0.00003	-0.00001
75	-0.00002	-0.00005	-0.00665	0.00019	-0.00010	0.00001

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GLOBAL

1	0.00000	0.00000	-0.00418	-0.00010	0.00005	0.00000
2	0.00000	0.00000	-0.00352	-0.00002	-0.00002	0.00000
3	0.00000	0.00000	-0.00015	-0.00001	0.00000	0.00000
4	0.00000	0.00000	-0.00031	-0.00001	0.00000	0.00000
5	0.00001	0.00000	-0.00003	0.00000	0.00000	0.00000
6	-0.00001	0.00000	0.00002	0.00001	0.00000	0.00000
7	0.00000	0.00001	-0.00014	-0.00004	0.00002	0.00000
8	0.00000	-0.00001	0.00014	0.00004	-0.00002	0.00000
9	0.00002	0.00000	-0.01050	-0.00018	0.00004	0.00000
10	0.00001	0.00001	-0.01045	-0.00017	0.00003	0.00000
11	0.00001	0.00001	-0.01059	-0.00021	0.00005	0.00000
12	0.00001	0.00000	-0.01035	-0.00014	0.00002	0.00000
13	0.00002	0.00000	-0.01051	-0.00018	0.00004	0.00000
14	0.00001	0.00001	-0.01046	-0.00017	0.00004	0.00000
15	0.00001	0.00001	-0.01061	-0.00021	0.00005	0.00000
16	0.00001	0.00000	-0.01036	-0.00014	0.00002	0.00000
17	0.00002	0.00000	-0.01030	-0.00017	0.00004	0.00000
18	0.00000	0.00000	-0.01022	-0.00016	0.00003	0.00000
19	0.00001	0.00001	-0.01046	-0.00022	0.00006	0.00000
20	0.00001	0.00000	-0.01005	-0.00011	0.00001	0.00000
21	0.00001	0.00000	-0.00803	-0.00013	0.00003	0.00000
22	0.00000	0.00000	-0.00799	-0.00013	0.00002	0.00000
23	0.00001	0.00001	-0.00809	-0.00015	0.00004	0.00000
24	0.00001	0.00000	-0.00793	-0.00011	0.00001	0.00000
25	0.00001	0.00000	-0.00804	-0.00014	0.00003	0.00000
26	0.00000	0.00000	-0.00800	-0.00013	0.00003	0.00000
27	0.00001	0.00001	-0.00810	-0.00015	0.00004	0.00000
28	0.00001	0.00000	-0.00794	-0.00011	0.00002	0.00000
29	0.00001	0.00000	-0.00789	-0.00013	0.00003	0.00000
30	0.00000	0.00000	-0.00784	-0.00012	0.00002	0.00000
31	0.00001	0.00001	-0.00800	-0.00016	0.00004	0.00000
32	0.00001	0.00000	-0.00773	-0.00009	0.00001	0.00000
33	0.00001	0.00000	-0.00771	-0.00012	0.00002	0.00000
34	0.00001	0.00000	-0.00777	-0.00012	0.00002	0.00000

35	0.00001	0.00000	-0.00771	-0.00012	0.00002	0.00000
36	0.00001	0.00000	-0.00770	-0.00012	0.00002	0.00000
37	0.00001	0.00000	-0.00774	-0.00013	0.00003	0.00000
38	0.00001	0.00000	-0.00768	-0.00011	0.00002	0.00000
39	0.00001	0.00000	-0.00771	-0.00012	0.00002	0.00000
40	0.00015	-0.00001	-0.00070	-0.00006	0.00011	-0.00002
41	0.00013	0.00000	-0.00072	-0.00007	0.00011	-0.00002
42	-0.00001	0.00007	-0.00126	-0.00035	0.00014	0.00000
43	0.00000	0.00005	-0.00105	-0.00029	0.00011	0.00000
44	0.00015	0.00002	-0.00879	-0.00029	0.00017	-0.00002
45	0.00016	-0.00002	-0.00803	-0.00008	0.00009	-0.00003
46	0.00016	0.00001	-0.00873	-0.00027	0.00016	-0.00002
47	0.00016	-0.00002	-0.00809	-0.00009	0.00010	-0.00002
48	-0.00014	0.00003	-0.00738	-0.00016	-0.00004	0.00002
49	-0.00014	-0.00001	-0.00663	0.00005	-0.00012	0.00002
50	-0.00014	0.00002	-0.00732	-0.00015	-0.00005	0.00002
51	-0.00014	-0.00001	-0.00669	0.00003	-0.00012	0.00002
52	0.00014	0.00002	-0.00881	-0.00029	0.00018	-0.00002
53	0.00014	-0.00002	-0.00805	-0.00008	0.00010	-0.00002
54	0.00014	0.00002	-0.00874	-0.00028	0.00017	-0.00002
55	0.00014	-0.00001	-0.00811	-0.00010	0.00010	-0.00002
56	-0.00013	0.00002	-0.00736	-0.00016	-0.00005	0.00002
57	-0.00012	-0.00002	-0.00661	0.00005	-0.00013	0.00002
58	-0.00012	0.00002	-0.00730	-0.00014	-0.00006	0.00002
59	-0.00012	-0.00001	-0.00667	0.00003	-0.00012	0.00002
60	0.00004	0.00007	-0.00918	-0.00049	0.00019	0.00000
61	-0.00005	0.00007	-0.00875	-0.00045	0.00013	0.00001
62	0.00004	0.00007	-0.00918	-0.00049	0.00019	0.00000
63	-0.00004	0.00007	-0.00875	-0.00045	0.00013	0.00001
64	0.00006	-0.00007	-0.00666	0.00021	-0.00008	-0.00001
65	-0.00003	-0.00006	-0.00624	0.00025	-0.00014	0.00000
66	0.00006	-0.00006	-0.00667	0.00021	-0.00008	-0.00001
67	-0.00002	-0.00006	-0.00624	0.00025	-0.00015	0.00000
68	0.00005	0.00005	-0.00897	-0.00043	0.00017	-0.00001
69	-0.00004	0.00006	-0.00855	-0.00040	0.00010	0.00001
70	0.00005	0.00006	-0.00898	-0.00044	0.00017	-0.00001
71	-0.00003	0.00006	-0.00854	-0.00039	0.00010	0.00001
72	0.00005	-0.00005	-0.00687	0.00015	-0.00006	-0.00001
73	-0.00004	-0.00005	-0.00644	0.00019	-0.00012	0.00001
74	0.00005	-0.00005	-0.00687	0.00015	-0.00005	-0.00001
75	-0.00003	-0.00005	-0.00644	0.00019	-0.00012	0.00001
145	GLOBAL					
1	0.00000	0.00000	-0.00430	-0.00011	0.00005	0.00000
2	0.00000	0.00000	-0.00355	-0.00003	-0.00002	0.00000
3	0.00000	0.00000	-0.00015	-0.00001	0.00000	0.00000
4	0.00000	0.00000	-0.00032	-0.00001	0.00001	0.00000
5	0.00001	0.00000	-0.00004	-0.00001	0.00000	0.00000
6	-0.00001	0.00000	0.00003	0.00001	0.00000	0.00000
7	0.00000	0.00001	-0.00018	-0.00004	0.00002	0.00000
8	0.00000	-0.00001	0.00018	0.00004	-0.00002	0.00000

9	0.00002	0.00001	-0.01072	-0.00021	0.00005	0.00000
10	0.00001	0.00001	-0.01066	-0.00020	0.00004	0.00000
11	0.00001	0.00001	-0.01085	-0.00025	0.00007	0.00000
12	0.00001	0.00000	-0.01052	-0.00017	0.00002	0.00000
13	0.00002	0.00001	-0.01073	-0.00021	0.00005	0.00000
14	0.00001	0.00001	-0.01067	-0.00020	0.00004	0.00000
15	0.00001	0.00001	-0.01086	-0.00025	0.00007	0.00000
16	0.00001	0.00000	-0.01054	-0.00017	0.00003	0.00000
17	0.00002	0.00000	-0.01051	-0.00021	0.00005	0.00000
18	0.00000	0.00001	-0.01041	-0.00019	0.00004	0.00000
19	0.00001	0.00001	-0.01072	-0.00026	0.00008	0.00000
20	0.00001	0.00000	-0.01019	-0.00013	0.00001	0.00000
21	0.00001	0.00000	-0.00819	-0.00016	0.00004	0.00000
22	0.00000	0.00000	-0.00815	-0.00015	0.00003	0.00000
23	0.00001	0.00001	-0.00828	-0.00018	0.00005	0.00000
24	0.00001	0.00000	-0.00806	-0.00013	0.00002	0.00000
25	0.00001	0.00000	-0.00820	-0.00016	0.00004	0.00000
26	0.00000	0.00000	-0.00816	-0.00015	0.00003	0.00000
27	0.00001	0.00001	-0.00829	-0.00018	0.00005	0.00000
28	0.00001	0.00000	-0.00807	-0.00013	0.00002	0.00000
29	0.00002	0.00000	-0.00805	-0.00016	0.00004	0.00000
30	0.00000	0.00000	-0.00799	-0.00014	0.00003	0.00000
31	0.00001	0.00001	-0.00820	-0.00019	0.00006	0.00000
32	0.00001	0.00000	-0.00784	-0.00011	0.00001	0.00000
33	0.00001	0.00000	-0.00786	-0.00014	0.00003	0.00000
34	0.00001	0.00000	-0.00792	-0.00015	0.00003	0.00000
35	0.00001	0.00000	-0.00786	-0.00015	0.00003	0.00000
36	0.00001	0.00000	-0.00785	-0.00014	0.00003	0.00000
37	0.00001	0.00000	-0.00789	-0.00015	0.00003	0.00000
38	0.00001	0.00000	-0.00782	-0.00014	0.00003	0.00000
39	0.00001	0.00000	-0.00786	-0.00014	0.00003	0.00000
40	0.00017	-0.00001	-0.00077	-0.00007	0.00011	-0.00002
41	0.00015	0.00000	-0.00080	-0.00007	0.00012	-0.00002
42	-0.00001	0.00007	-0.00168	-0.00042	0.00017	0.00000
43	0.00000	0.00006	-0.00140	-0.00035	0.00014	0.00000
44	0.00018	0.00002	-0.00913	-0.00033	0.00019	-0.00002
45	0.00019	-0.00002	-0.00812	-0.00008	0.00008	-0.00002
46	0.00018	0.00001	-0.00905	-0.00031	0.00018	-0.00002
47	0.00018	-0.00002	-0.00821	-0.00011	0.00009	-0.00002
48	-0.00017	0.00003	-0.00759	-0.00020	-0.00002	0.00002
49	-0.00016	-0.00001	-0.00658	0.00005	-0.00013	0.00002
50	-0.00017	0.00003	-0.00750	-0.00018	-0.00003	0.00002
51	-0.00016	-0.00001	-0.00666	0.00002	-0.00012	0.00002
52	0.00016	0.00002	-0.00916	-0.00034	0.00020	-0.00001
53	0.00016	-0.00002	-0.00815	-0.00009	0.00010	-0.00002
54	0.00016	0.00002	-0.00908	-0.00032	0.00019	-0.00001
55	0.00016	-0.00001	-0.00823	-0.00012	0.00010	-0.00002
56	-0.00015	0.00003	-0.00756	-0.00019	-0.00004	0.00002
57	-0.00014	-0.00002	-0.00655	0.00005	-0.00014	0.00001
58	-0.00014	0.00002	-0.00748	-0.00017	-0.00004	0.00002

59	-0.00014	-0.00001	-0.00664	0.00003	-0.00013	0.00001
60	0.00005	0.00007	-0.00976	-0.00058	0.00024	0.00000
61	-0.00006	0.00008	-0.00930	-0.00054	0.00017	0.00001
62	0.00004	0.00007	-0.00977	-0.00058	0.00024	0.00000
63	-0.00005	0.00007	-0.00929	-0.00054	0.00017	0.00001
64	0.00007	-0.00007	-0.00641	0.00025	-0.00011	-0.00001
65	-0.00003	-0.00007	-0.00595	0.00029	-0.00018	0.00000
66	0.00007	-0.00007	-0.00642	0.00025	-0.00011	-0.00001
67	-0.00002	-0.00007	-0.00594	0.00029	-0.00018	0.00000
68	0.00006	0.00006	-0.00949	-0.00051	0.00021	0.00000
69	-0.00005	0.00006	-0.00903	-0.00047	0.00014	0.00001
70	0.00005	0.00006	-0.00950	-0.00051	0.00021	0.00000
71	-0.00004	0.00006	-0.00902	-0.00047	0.00014	0.00001
72	0.00006	-0.00005	-0.00668	0.00018	-0.00008	-0.00001
73	-0.00004	-0.00005	-0.00622	0.00022	-0.00014	0.00000
74	0.00006	-0.00005	-0.00669	0.00018	-0.00008	-0.00001
75	-0.00004	-0.00005	-0.00621	0.00022	-0.00015	0.00000

RESULTANT JOINT DISPLACEMENTS FREE JOINTS

JOINT	LOADING	/-----DISPLACEMENT-----//			-----ROTATION-----/		
		X DISP.	Y DISP.	Z DISP.	X ROT.	Y ROT.	Z ROT.
16	GLOBAL						
	1	-0.00002	-0.00001	-0.00446	-0.00017	0.00039	0.00003
	2	-0.00003	-0.00002	-0.00360	-0.00006	0.00016	0.00001
	3	-0.00001	0.00000	-0.00016	-0.00002	0.00004	0.00000
	4	-0.00001	0.00000	-0.00034	-0.00003	0.00007	0.00000
	5	0.00020	0.00000	0.00004	0.00000	0.00001	0.00000
	6	-0.00020	0.00000	-0.00004	0.00000	-0.00001	0.00000
	7	0.00002	0.00051	0.00021	-0.00009	0.00001	0.00001
	8	-0.00002	-0.00051	-0.00021	0.00009	-0.00001	-0.00001
	9	0.00010	-0.00004	-0.01094	-0.00034	0.00082	0.00006
	10	-0.00026	-0.00004	-0.01101	-0.00034	0.00081	0.00006
	11	-0.00007	0.00042	-0.01078	-0.00042	0.00083	0.00007
	12	-0.00010	-0.00050	-0.01117	-0.00026	0.00081	0.00005
	13	0.00011	-0.00004	-0.01096	-0.00034	0.00082	0.00006
	14	-0.00025	-0.00004	-0.01103	-0.00034	0.00081	0.00006
	15	-0.00006	0.00042	-0.01080	-0.00042	0.00082	0.00007
	16	-0.00009	-0.00050	-0.01118	-0.00026	0.00080	0.00005
	17	0.00023	-0.00003	-0.01068	-0.00032	0.00077	0.00005
	18	-0.00037	-0.00004	-0.01079	-0.00032	0.00075	0.00006
	19	-0.00005	0.00073	-0.01041	-0.00045	0.00078	0.00007
	20	-0.00010	-0.00080	-0.01105	-0.00019	0.00075	0.00005
	21	0.00006	-0.00003	-0.00837	-0.00026	0.00062	0.00004
	22	-0.00018	-0.00003	-0.00842	-0.00026	0.00061	0.00005
	23	-0.00005	0.00028	-0.00826	-0.00031	0.00062	0.00005
	24	-0.00007	-0.00034	-0.00852	-0.00021	0.00061	0.00004
	25	0.00006	-0.00003	-0.00838	-0.00026	0.00062	0.00004

26	-0.00018	-0.00003	-0.00843	-0.00026	0.00061	0.00005
27	-0.00005	0.00028	-0.00827	-0.00031	0.00062	0.00005
28	-0.00007	-0.00034	-0.00853	-0.00021	0.00061	0.00004
29	0.00015	-0.00002	-0.00819	-0.00024	0.00059	0.00004
30	-0.00025	-0.00003	-0.00827	-0.00024	0.00057	0.00005
31	-0.00004	0.00049	-0.00801	-0.00033	0.00059	0.00005
32	-0.00007	-0.00054	-0.00844	-0.00016	0.00057	0.00004
33	-0.00005	-0.00003	-0.00806	-0.00023	0.00055	0.00004
34	-0.00005	-0.00003	-0.00813	-0.00023	0.00056	0.00004
35	-0.00001	-0.00003	-0.00805	-0.00023	0.00055	0.00004
36	-0.00009	-0.00003	-0.00807	-0.00023	0.00055	0.00004
37	-0.00005	0.00008	-0.00801	-0.00025	0.00055	0.00004
38	-0.00006	-0.00013	-0.00810	-0.00021	0.00055	0.00004
39	-0.00005	-0.00003	-0.00806	-0.00023	0.00055	0.00004
40	0.00393	0.00016	0.00089	-0.00003	0.00018	-0.00008
41	0.00445	-0.00009	0.00085	0.00001	0.00019	0.00000
42	0.00010	0.00471	0.00167	-0.00077	0.00002	0.00004
43	-0.00011	0.00582	0.00200	-0.00095	0.00002	0.00001
44	0.00391	0.00155	-0.00667	-0.00049	0.00074	-0.00003
45	0.00385	-0.00128	-0.00767	-0.00002	0.00073	-0.00005
46	0.00384	0.00188	-0.00657	-0.00054	0.00074	-0.00004
47	0.00391	-0.00161	-0.00777	0.00003	0.00073	-0.00005
48	-0.00395	0.00123	-0.00844	-0.00044	0.00037	0.00014
49	-0.00401	-0.00160	-0.00944	0.00003	0.00036	0.00012
50	-0.00401	0.00156	-0.00834	-0.00049	0.00037	0.00013
51	-0.00395	-0.00193	-0.00954	0.00008	0.00036	0.00012
52	0.00443	0.00130	-0.00670	-0.00045	0.00075	0.00006
53	0.00437	-0.00153	-0.00771	0.00001	0.00073	0.00003
54	0.00437	0.00163	-0.00661	-0.00050	0.00075	0.00005
55	0.00443	-0.00186	-0.00781	0.00007	0.00073	0.00004
56	-0.00447	0.00148	-0.00841	-0.00047	0.00037	0.00005
57	-0.00453	-0.00135	-0.00941	-0.00001	0.00035	0.00003
58	-0.00454	0.00181	-0.00831	-0.00053	0.00037	0.00004
59	-0.00447	-0.00168	-0.00951	0.00004	0.00035	0.00004
60	0.00123	0.00473	-0.00612	-0.00101	0.00063	0.00005
61	-0.00113	0.00464	-0.00665	-0.00099	0.00052	0.00010
62	0.00138	0.00466	-0.00613	-0.00100	0.00063	0.00008
63	-0.00129	0.00471	-0.00664	-0.00101	0.00051	0.00008
64	0.00103	-0.00469	-0.00947	0.00054	0.00058	-0.00002
65	-0.00133	-0.00479	-0.01000	0.00055	0.00047	0.00003
66	0.00118	-0.00476	-0.00948	0.00055	0.00059	0.00001
67	-0.00149	-0.00471	-0.00999	0.00054	0.00047	0.00000
68	0.00102	0.00584	-0.00579	-0.00119	0.00062	0.00003
69	-0.00134	0.00575	-0.00632	-0.00117	0.00051	0.00008
70	0.00117	0.00577	-0.00580	-0.00118	0.00063	0.00005
71	-0.00150	0.00582	-0.00631	-0.00118	0.00051	0.00005
72	0.00124	-0.00580	-0.00979	0.00071	0.00059	0.00001
73	-0.00112	-0.00590	-0.01032	0.00073	0.00048	0.00006
74	0.00139	-0.00587	-0.00980	0.00072	0.00059	0.00003
75	-0.00128	-0.00582	-0.01031	0.00072	0.00047	0.00003

1	-0.00001	0.00000	-0.00444	-0.00031	-0.00004	-0.00004
2	-0.00001	-0.00001	-0.00378	-0.00015	0.00000	-0.00002
3	0.00000	-0.00001	-0.00018	-0.00002	0.00000	0.00000
4	0.00000	0.00000	-0.00035	-0.00003	0.00000	-0.00001
5	0.00019	0.00000	0.00002	0.00000	0.00002	0.00000
6	-0.00019	0.00000	-0.00001	0.00000	-0.00002	0.00000
7	0.00001	0.00063	0.00007	-0.00010	0.00001	0.00002
8	-0.00001	-0.00063	-0.00008	0.00010	-0.00001	-0.00002
9	0.00014	-0.00003	-0.01120	-0.00065	-0.00004	-0.00009
10	-0.00021	-0.00003	-0.01123	-0.00065	-0.00008	-0.00009
11	-0.00002	0.00054	-0.01115	-0.00074	-0.00005	-0.00007
12	-0.00004	-0.00059	-0.01128	-0.00056	-0.00007	-0.00010
13	0.00014	-0.00002	-0.01120	-0.00064	-0.00004	-0.00008
14	-0.00020	-0.00002	-0.01122	-0.00064	-0.00008	-0.00009
15	-0.00002	0.00054	-0.01114	-0.00074	-0.00005	-0.00007
16	-0.00004	-0.00059	-0.01128	-0.00055	-0.00007	-0.00010
17	0.00026	-0.00002	-0.01092	-0.00062	-0.00002	-0.00008
18	-0.00032	-0.00002	-0.01097	-0.00062	-0.00009	-0.00009
19	-0.00001	0.00093	-0.01084	-0.00078	-0.00004	-0.00006
20	-0.00004	-0.00096	-0.01106	-0.00046	-0.00007	-0.00011
21	0.00009	-0.00002	-0.00856	-0.00049	-0.00003	-0.00006
22	-0.00014	-0.00002	-0.00858	-0.00049	-0.00006	-0.00007
23	-0.00002	0.00036	-0.00853	-0.00056	-0.00004	-0.00006
24	-0.00003	-0.00040	-0.00862	-0.00043	-0.00005	-0.00008
25	0.00009	-0.00002	-0.00856	-0.00049	-0.00003	-0.00006
26	-0.00014	-0.00002	-0.00858	-0.00049	-0.00006	-0.00007
27	-0.00002	0.00036	-0.00853	-0.00055	-0.00004	-0.00006
28	-0.00003	-0.00039	-0.00862	-0.00043	-0.00005	-0.00008
29	0.00017	-0.00002	-0.00838	-0.00047	-0.00002	-0.00006
30	-0.00021	-0.00001	-0.00841	-0.00047	-0.00007	-0.00007
31	-0.00001	0.00062	-0.00832	-0.00058	-0.00003	-0.00005
32	-0.00003	-0.00064	-0.00847	-0.00037	-0.00006	-0.00008
33	-0.00002	-0.00001	-0.00822	-0.00046	-0.00004	-0.00006
34	-0.00002	-0.00001	-0.00829	-0.00046	-0.00004	-0.00006
35	0.00002	-0.00001	-0.00821	-0.00046	-0.00004	-0.00006
36	-0.00006	-0.00001	-0.00822	-0.00046	-0.00005	-0.00006
37	-0.00002	0.00011	-0.00820	-0.00048	-0.00004	-0.00006
38	-0.00002	-0.00014	-0.00823	-0.00044	-0.00004	-0.00006
39	-0.00002	-0.00001	-0.00822	-0.00046	-0.00004	-0.00006
40	0.00390	-0.00016	0.00025	0.00001	0.00047	0.00004
41	0.00443	0.00009	0.00029	-0.00002	0.00052	0.00011
42	0.00011	0.00511	0.00087	-0.00085	0.00006	0.00005
43	-0.00010	0.00601	0.00101	-0.00099	0.00005	-0.00002
44	0.00391	0.00136	-0.00770	-0.00070	0.00045	0.00000
45	0.00385	-0.00171	-0.00822	-0.00019	0.00041	-0.00003
46	0.00385	0.00163	-0.00766	-0.00074	0.00045	-0.00002
47	0.00391	-0.00198	-0.00826	-0.00015	0.00042	-0.00001
48	-0.00389	0.00168	-0.00821	-0.00072	-0.00050	-0.00009
49	-0.00395	-0.00139	-0.00873	-0.00021	-0.00053	-0.00012

50	-0.00395	0.00195	-0.00817	-0.00077	-0.00050	-0.00011
51	-0.00389	-0.00166	-0.00877	-0.00017	-0.00053	-0.00010
52	0.00444	0.00161	-0.00767	-0.00073	0.00050	0.00006
53	0.00437	-0.00146	-0.00819	-0.00022	0.00046	0.00003
54	0.00438	0.00188	-0.00762	-0.00077	0.00050	0.00004
55	0.00444	-0.00173	-0.00823	-0.00018	0.00047	0.00005
56	-0.00442	0.00143	-0.00825	-0.00069	-0.00055	-0.00015
57	-0.00448	-0.00164	-0.00877	-0.00018	-0.00058	-0.00018
58	-0.00448	0.00170	-0.00821	-0.00073	-0.00055	-0.00017
59	-0.00442	-0.00191	-0.00881	-0.00014	-0.00058	-0.00016
60	0.00125	0.00504	-0.00727	-0.00130	0.00016	0.00000
61	-0.00108	0.00514	-0.00742	-0.00131	-0.00012	-0.00003
62	0.00141	0.00512	-0.00726	-0.00131	0.00018	0.00002
63	-0.00124	0.00507	-0.00744	-0.00130	-0.00014	-0.00005
64	0.00104	-0.00517	-0.00901	0.00040	0.00004	-0.00009
65	-0.00130	-0.00507	-0.00916	0.00039	-0.00024	-0.00012
66	0.00120	-0.00509	-0.00900	0.00039	0.00005	-0.00007
67	-0.00146	-0.00515	-0.00917	0.00040	-0.00026	-0.00014
68	0.00105	0.00595	-0.00714	-0.00144	0.00015	-0.00006
69	-0.00129	0.00604	-0.00729	-0.00145	-0.00013	-0.00009
70	0.00121	0.00602	-0.00712	-0.00145	0.00017	-0.00004
71	-0.00145	0.00597	-0.00730	-0.00144	-0.00015	-0.00011
72	0.00125	-0.00607	-0.00915	0.00053	0.00005	-0.00003
73	-0.00109	-0.00598	-0.00930	0.00053	-0.00023	-0.00006
74	0.00141	-0.00600	-0.00913	0.00053	0.00006	-0.00001
75	-0.00125	-0.00605	-0.00931	0.00054	-0.00025	-0.00007

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GLOBAL

1	0.00000	0.00003	-0.00440	-0.00031	0.00000	0.00000
2	0.00000	0.00000	-0.00382	-0.00015	0.00000	0.00000
3	0.00000	0.00000	-0.00018	-0.00002	0.00000	0.00000
4	0.00000	0.00000	-0.00035	-0.00003	0.00000	0.00000
5	0.00019	0.00000	0.00000	0.00000	0.00002	0.00000
6	-0.00019	0.00000	0.00000	0.00000	-0.00002	0.00000
7	0.00000	0.00084	0.00005	-0.00013	0.00000	0.00000
8	0.00000	-0.00083	-0.00005	0.00013	0.00000	0.00000
9	0.00018	0.00003	-0.01123	-0.00066	0.00002	0.00000
10	-0.00017	0.00003	-0.01123	-0.00066	-0.00002	0.00000
11	0.00001	0.00079	-0.01119	-0.00078	0.00000	0.00000
12	0.00001	-0.00072	-0.01127	-0.00055	0.00000	0.00000
13	0.00018	0.00004	-0.01122	-0.00066	0.00002	0.00000
14	-0.00017	0.00004	-0.01122	-0.00066	-0.00002	0.00000
15	0.00001	0.00079	-0.01118	-0.00077	0.00000	0.00000
16	0.00001	-0.00071	-0.01127	-0.00054	0.00000	0.00000
17	0.00029	0.00003	-0.01095	-0.00063	0.00003	0.00000
18	-0.00028	0.00003	-0.01095	-0.00063	-0.00003	0.00000
19	0.00001	0.00129	-0.01088	-0.00083	0.00000	0.00000
20	0.00000	-0.00121	-0.01103	-0.00044	0.00000	0.00000
21	0.00012	0.00002	-0.00858	-0.00050	0.00001	0.00000
22	-0.00011	0.00002	-0.00858	-0.00050	-0.00001	0.00000
23	0.00000	0.00053	-0.00855	-0.00058	0.00000	0.00000

24	0.00000	-0.00048	-0.00861	-0.00043	0.00000	0.00000
25	0.00012	0.00003	-0.00857	-0.00050	0.00001	0.00000
26	-0.00011	0.00003	-0.00857	-0.00050	-0.00001	0.00000
27	0.00000	0.00053	-0.00855	-0.00058	0.00000	0.00000
28	0.00000	-0.00047	-0.00861	-0.00042	0.00000	0.00000
29	0.00019	0.00003	-0.00840	-0.00048	0.00002	0.00000
30	-0.00019	0.00003	-0.00840	-0.00048	-0.00002	0.00000
31	0.00000	0.00087	-0.00835	-0.00061	0.00000	0.00000
32	0.00000	-0.00081	-0.00845	-0.00035	0.00000	0.00000
33	0.00000	0.00003	-0.00822	-0.00047	0.00000	0.00000
34	0.00000	0.00003	-0.00829	-0.00047	0.00000	0.00000
35	0.00004	0.00003	-0.00822	-0.00047	0.00000	0.00000
36	-0.00003	0.00003	-0.00822	-0.00047	0.00000	0.00000
37	0.00000	0.00019	-0.00821	-0.00049	0.00000	0.00000
38	0.00000	-0.00014	-0.00823	-0.00044	0.00000	0.00000
39	0.00000	0.00003	-0.00822	-0.00047	0.00000	0.00000
40	0.00389	0.00000	-0.00001	0.00000	0.00040	0.00004
41	0.00442	0.00000	-0.00001	0.00000	0.00044	0.00005
42	0.00010	0.00531	0.00068	-0.00089	0.00001	0.00005
43	-0.00010	0.00531	0.00068	-0.00089	-0.00001	-0.00005
44	0.00392	0.00162	-0.00803	-0.00073	0.00040	0.00005
45	0.00386	-0.00157	-0.00843	-0.00020	0.00040	0.00002
46	0.00386	0.00162	-0.00803	-0.00073	0.00040	0.00002
47	0.00392	-0.00157	-0.00843	-0.00020	0.00040	0.00005
48	-0.00385	0.00162	-0.00801	-0.00073	-0.00040	-0.00002
49	-0.00392	-0.00157	-0.00842	-0.00020	-0.00040	-0.00005
50	-0.00391	0.00162	-0.00801	-0.00073	-0.00040	-0.00005
51	-0.00385	-0.00157	-0.00842	-0.00020	-0.00040	-0.00002
52	0.00445	0.00162	-0.00803	-0.00073	0.00045	0.00007
53	0.00439	-0.00157	-0.00843	-0.00020	0.00044	0.00004
54	0.00439	0.00162	-0.00803	-0.00073	0.00044	0.00004
55	0.00445	-0.00157	-0.00843	-0.00020	0.00045	0.00007
56	-0.00438	0.00162	-0.00801	-0.00073	-0.00044	-0.00004
57	-0.00445	-0.00157	-0.00842	-0.00020	-0.00045	-0.00007
58	-0.00444	0.00162	-0.00801	-0.00073	-0.00045	-0.00007
59	-0.00438	-0.00157	-0.00842	-0.00020	-0.00044	-0.00004
60	0.00128	0.00534	-0.00755	-0.00136	0.00013	0.00006
61	-0.00106	0.00534	-0.00755	-0.00136	-0.00011	0.00004
62	0.00143	0.00534	-0.00755	-0.00136	0.00014	0.00007
63	-0.00122	0.00534	-0.00755	-0.00136	-0.00012	0.00004
64	0.00107	-0.00529	-0.00890	0.00042	0.00011	-0.00004
65	-0.00127	-0.00529	-0.00890	0.00042	-0.00013	-0.00006
66	0.00122	-0.00529	-0.00890	0.00042	0.00012	-0.00004
67	-0.00143	-0.00529	-0.00890	0.00042	-0.00014	-0.00007
68	0.00107	0.00534	-0.00755	-0.00136	0.00011	-0.00004
69	-0.00126	0.00534	-0.00754	-0.00136	-0.00013	-0.00006
70	0.00123	0.00534	-0.00755	-0.00136	0.00012	-0.00004
71	-0.00142	0.00534	-0.00754	-0.00136	-0.00014	-0.00007
72	0.00127	-0.00529	-0.00890	0.00042	0.00013	0.00006
73	-0.00106	-0.00529	-0.00890	0.00042	-0.00011	0.00004

74	0.00143	-0.00529	-0.00890	0.00042	0.00014	0.00007
75	-0.00122	-0.00529	-0.00890	0.00042	-0.00012	0.00004
1	0.00001	0.00000	-0.00444	-0.00031	0.00004	0.00004
2	0.00002	-0.00001	-0.00378	-0.00015	0.00000	0.00002
3	0.00000	-0.00001	-0.00018	-0.00002	0.00000	0.00000
4	0.00000	0.00000	-0.00035	-0.00003	0.00000	0.00001
5	0.00019	0.00000	-0.00001	0.00000	0.00002	0.00000
6	-0.00019	0.00000	0.00002	0.00000	-0.00002	0.00000
7	-0.00001	0.00063	0.00007	-0.00010	-0.00001	-0.00002
8	0.00001	-0.00062	-0.00008	0.00010	0.00001	0.00002
9	0.00022	-0.00003	-0.01123	-0.00065	0.00008	0.00009
10	-0.00013	-0.00003	-0.01120	-0.00065	0.00004	0.00009
11	0.00004	0.00054	-0.01115	-0.00074	0.00005	0.00007
12	0.00005	-0.00059	-0.01128	-0.00056	0.00007	0.00010
13	0.00021	-0.00002	-0.01122	-0.00064	0.00008	0.00009
14	-0.00013	-0.00002	-0.01120	-0.00064	0.00004	0.00008
15	0.00003	0.00054	-0.01114	-0.00074	0.00005	0.00007
16	0.00005	-0.00059	-0.01128	-0.00055	0.00007	0.00010
17	0.00033	-0.00002	-0.01097	-0.00062	0.00009	0.00009
18	-0.00025	-0.00002	-0.01092	-0.00062	0.00002	0.00008
19	0.00003	0.00093	-0.01084	-0.00078	0.00004	0.00006
20	0.00005	-0.00096	-0.01106	-0.00046	0.00007	0.00011
21	0.00015	-0.00002	-0.00858	-0.00049	0.00006	0.00007
22	-0.00008	-0.00002	-0.00856	-0.00049	0.00003	0.00006
23	0.00003	0.00036	-0.00853	-0.00056	0.00004	0.00006
24	0.00004	-0.00040	-0.00862	-0.00043	0.00005	0.00008
25	0.00015	-0.00002	-0.00858	-0.00049	0.00006	0.00007
26	-0.00008	-0.00002	-0.00856	-0.00049	0.00003	0.00006
27	0.00003	0.00036	-0.00853	-0.00055	0.00004	0.00006
28	0.00004	-0.00039	-0.00862	-0.00043	0.00005	0.00008
29	0.00022	-0.00001	-0.00841	-0.00047	0.00007	0.00007
30	-0.00016	-0.00002	-0.00838	-0.00047	0.00002	0.00006
31	0.00002	0.00062	-0.00832	-0.00058	0.00003	0.00005
32	0.00004	-0.00064	-0.00847	-0.00037	0.00006	0.00008
33	0.00003	-0.00001	-0.00822	-0.00046	0.00004	0.00006
34	0.00003	-0.00001	-0.00829	-0.00046	0.00004	0.00006
35	0.00007	-0.00001	-0.00822	-0.00046	0.00005	0.00006
36	-0.00001	-0.00001	-0.00821	-0.00046	0.00004	0.00006
37	0.00003	0.00011	-0.00820	-0.00048	0.00004	0.00006
38	0.00003	-0.00014	-0.00823	-0.00044	0.00004	0.00006
39	0.00003	-0.00001	-0.00822	-0.00046	0.00004	0.00006
40	0.00390	0.00016	-0.00026	-0.00001	0.00046	0.00004
41	0.00443	-0.00009	-0.00030	0.00002	0.00051	0.00010
42	0.00010	0.00601	0.00101	-0.00099	-0.00005	0.00002
43	-0.00010	0.00510	0.00087	-0.00085	-0.00006	-0.00004
44	0.00396	0.00195	-0.00817	-0.00077	0.00049	0.00011
45	0.00390	-0.00166	-0.00878	-0.00017	0.00052	0.00010
46	0.00390	0.00168	-0.00821	-0.00072	0.00049	0.00009
47	0.00396	-0.00139	-0.00874	-0.00021	0.00052	0.00011

48	-0.00384	0.00163	-0.00766	-0.00074	-0.00044	0.00002
49	-0.00391	-0.00198	-0.00826	-0.00015	-0.00040	0.00001
50	-0.00390	0.00136	-0.00770	-0.00070	-0.00044	0.00000
51	-0.00384	-0.00171	-0.00822	-0.00019	-0.00040	0.00003
52	0.00449	0.00170	-0.00821	-0.00073	0.00054	0.00017
53	0.00443	-0.00190	-0.00881	-0.00014	0.00057	0.00016
54	0.00443	0.00143	-0.00825	-0.00069	0.00054	0.00015
55	0.00449	-0.00163	-0.00877	-0.00018	0.00057	0.00018
56	-0.00437	0.00188	-0.00762	-0.00077	-0.00049	-0.00004
57	-0.00443	-0.00173	-0.00822	-0.00018	-0.00045	-0.00005
58	-0.00443	0.00161	-0.00766	-0.00073	-0.00049	-0.00006
59	-0.00437	-0.00146	-0.00818	-0.00022	-0.00045	-0.00003
60	0.00130	0.00604	-0.00729	-0.00145	0.00013	0.00009
61	-0.00104	0.00595	-0.00713	-0.00144	-0.00015	0.00006
62	0.00146	0.00597	-0.00730	-0.00144	0.00014	0.00011
63	-0.00120	0.00602	-0.00712	-0.00145	-0.00016	0.00004
64	0.00109	-0.00597	-0.00930	0.00053	0.00023	0.00006
65	-0.00125	-0.00607	-0.00914	0.00053	-0.00004	0.00003
66	0.00125	-0.00605	-0.00931	0.00054	0.00025	0.00007
67	-0.00141	-0.00600	-0.00913	0.00053	-0.00006	0.00001
68	0.00110	0.00514	-0.00743	-0.00131	0.00012	0.00003
69	-0.00124	0.00504	-0.00727	-0.00130	-0.00016	0.00000
70	0.00126	0.00506	-0.00744	-0.00130	0.00013	0.00005
71	-0.00140	0.00512	-0.00726	-0.00131	-0.00017	-0.00002
72	0.00130	-0.00507	-0.00916	0.00039	0.00024	0.00012
73	-0.00104	-0.00517	-0.00901	0.00040	-0.00004	0.00009
74	0.00146	-0.00514	-0.00917	0.00040	0.00026	0.00013
75	-0.00120	-0.00509	-0.00900	0.00039	-0.00005	0.00007
20	GLOBAL					
1	0.00003	-0.00001	-0.00446	-0.00017	-0.00039	-0.00003
2	0.00003	-0.00002	-0.00360	-0.00006	-0.00016	-0.00001
3	0.00001	0.00000	-0.00016	-0.00002	-0.00004	0.00000
4	0.00001	0.00000	-0.00034	-0.00003	-0.00007	0.00000
5	0.00020	0.00000	-0.00004	0.00000	0.00001	0.00000
6	-0.00020	0.00000	0.00004	0.00000	-0.00001	0.00000
7	-0.00002	0.00051	0.00021	-0.00009	-0.00001	-0.00001
8	0.00002	-0.00051	-0.00021	0.00009	0.00001	0.00001
9	0.00027	-0.00004	-0.01101	-0.00034	-0.00081	-0.00006
10	-0.00009	-0.00004	-0.01094	-0.00034	-0.00082	-0.00006
11	0.00008	0.00042	-0.01078	-0.00042	-0.00083	-0.00007
12	0.00011	-0.00050	-0.01117	-0.00026	-0.00081	-0.00005
13	0.00027	-0.00004	-0.01103	-0.00034	-0.00081	-0.00006
14	-0.00009	-0.00004	-0.01096	-0.00034	-0.00082	-0.00006
15	0.00007	0.00042	-0.01080	-0.00042	-0.00082	-0.00007
16	0.00010	-0.00050	-0.01118	-0.00026	-0.00080	-0.00005
17	0.00038	-0.00004	-0.01079	-0.00032	-0.00075	-0.00006
18	-0.00022	-0.00003	-0.01068	-0.00032	-0.00077	-0.00005
19	0.00006	0.00073	-0.01041	-0.00045	-0.00078	-0.00007
20	0.00011	-0.00080	-0.01105	-0.00019	-0.00075	-0.00005
21	0.00019	-0.00003	-0.00842	-0.00026	-0.00061	-0.00005

22	-0.00005	-0.00003	-0.00837	-0.00026	-0.00062	-0.00004
23	0.00006	0.00028	-0.00826	-0.00031	-0.00062	-0.00005
24	0.00008	-0.00034	-0.00852	-0.00021	-0.00061	-0.00004
25	0.00019	-0.00003	-0.00843	-0.00026	-0.00061	-0.00005
26	-0.00005	-0.00003	-0.00838	-0.00026	-0.00062	-0.00004
27	0.00006	0.00028	-0.00827	-0.00031	-0.00062	-0.00005
28	0.00008	-0.00034	-0.00853	-0.00021	-0.00061	-0.00004
29	0.00026	-0.00003	-0.00827	-0.00024	-0.00057	-0.00005
30	-0.00014	-0.00002	-0.00819	-0.00024	-0.00059	-0.00004
31	0.00005	0.00049	-0.00801	-0.00033	-0.00059	-0.00005
32	0.00008	-0.00054	-0.00844	-0.00016	-0.00057	-0.00004
33	0.00006	-0.00003	-0.00806	-0.00023	-0.00055	-0.00004
34	0.00006	-0.00003	-0.00813	-0.00023	-0.00056	-0.00004
35	0.00010	-0.00003	-0.00806	-0.00023	-0.00055	-0.00004
36	0.00002	-0.00003	-0.00805	-0.00023	-0.00055	-0.00004
37	0.00006	0.00008	-0.00801	-0.00025	-0.00055	-0.00004
38	0.00006	-0.00013	-0.00810	-0.00021	-0.00055	-0.00004
39	0.00006	-0.00003	-0.00806	-0.00023	-0.00055	-0.00004
40	0.00393	-0.00016	-0.00087	0.00003	0.00018	-0.00008
41	0.00445	0.00009	-0.00083	-0.00001	0.00018	0.00000
42	0.00012	0.00582	0.00200	-0.00095	-0.00002	-0.00001
43	-0.00010	0.00471	0.00168	-0.00077	-0.00002	-0.00004
44	0.00403	0.00156	-0.00833	-0.00049	-0.00038	-0.00013
45	0.00396	-0.00194	-0.00953	0.00008	-0.00037	-0.00012
46	0.00397	0.00123	-0.00843	-0.00043	-0.00038	-0.00014
47	0.00402	-0.00160	-0.00943	0.00003	-0.00037	-0.00012
48	-0.00384	0.00188	-0.00658	-0.00054	-0.00073	0.00004
49	-0.00391	-0.00161	-0.00779	0.00003	-0.00072	0.00005
50	-0.00390	0.00155	-0.00668	-0.00049	-0.00073	0.00003
51	-0.00385	-0.00128	-0.00769	-0.00002	-0.00072	0.00005
52	0.00455	0.00181	-0.00829	-0.00053	-0.00037	-0.00004
53	0.00448	-0.00168	-0.00949	0.00004	-0.00036	-0.00004
54	0.00449	0.00148	-0.00839	-0.00047	-0.00038	-0.00005
55	0.00454	-0.00135	-0.00939	-0.00001	-0.00036	-0.00003
56	-0.00436	0.00163	-0.00662	-0.00050	-0.00074	-0.00005
57	-0.00443	-0.00186	-0.00782	0.00007	-0.00073	-0.00004
58	-0.00442	0.00130	-0.00672	-0.00045	-0.00074	-0.00006
59	-0.00437	-0.00153	-0.00772	0.00001	-0.00072	-0.00003
60	0.00136	0.00575	-0.00631	-0.00117	-0.00052	-0.00008
61	-0.00100	0.00585	-0.00579	-0.00119	-0.00062	-0.00002
62	0.00151	0.00582	-0.00630	-0.00118	-0.00052	-0.00005
63	-0.00116	0.00577	-0.00580	-0.00118	-0.00062	-0.00005
64	0.00112	-0.00590	-0.01032	0.00073	-0.00048	-0.00006
65	-0.00124	-0.00580	-0.00980	0.00071	-0.00058	-0.00001
66	0.00128	-0.00582	-0.01031	0.00072	-0.00048	-0.00003
67	-0.00139	-0.00588	-0.00981	0.00073	-0.00058	-0.00003
68	0.00114	0.00464	-0.00664	-0.00100	-0.00052	-0.00010
69	-0.00122	0.00474	-0.00612	-0.00101	-0.00062	-0.00005
70	0.00130	0.00471	-0.00663	-0.00101	-0.00052	-0.00008
71	-0.00137	0.00466	-0.00613	-0.00100	-0.00063	-0.00008

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GLOBAL

72	0.00134	-0.00479	-0.00999	0.00055	-0.00048	-0.00003
73	-0.00103	-0.00469	-0.00947	0.00054	-0.00058	0.00002
74	0.00149	-0.00471	-0.00998	0.00054	-0.00047	-0.00001
75	-0.00118	-0.00477	-0.00948	0.00055	-0.00058	-0.00001
1	-0.00022	0.00000	-0.00412	0.00000	0.00038	0.00000
2	-0.00014	0.00000	-0.00351	0.00000	0.00013	0.00000
3	-0.00003	0.00000	-0.00014	0.00000	0.00003	0.00000
4	-0.00004	0.00000	-0.00031	0.00000	0.00006	0.00000
5	0.00024	0.00000	0.00001	0.00000	0.00004	0.00000
6	-0.00022	0.00000	-0.00002	0.00000	-0.00004	0.00000
7	0.00000	0.00051	0.00000	-0.00006	0.00000	0.00000
8	0.00000	-0.00051	0.00000	0.00006	0.00000	0.00000
9	-0.00032	0.00000	-0.01036	0.00000	0.00079	0.00000
10	-0.00074	0.00000	-0.01038	0.00000	0.00072	0.00000
11	-0.00053	0.00046	-0.01036	-0.00006	0.00076	0.00000
12	-0.00053	-0.00045	-0.01036	0.00006	0.00076	0.00000
13	-0.00031	0.00000	-0.01037	0.00000	0.00078	0.00000
14	-0.00072	0.00000	-0.01039	0.00000	0.00071	0.00000
15	-0.00052	0.00046	-0.01038	-0.00006	0.00075	0.00000
16	-0.00052	-0.00045	-0.01038	0.00006	0.00075	0.00000
17	-0.00013	0.00000	-0.01014	0.00000	0.00076	0.00000
18	-0.00083	0.00000	-0.01018	0.00000	0.00065	0.00000
19	-0.00049	0.00076	-0.01015	-0.00010	0.00070	0.00000
20	-0.00049	-0.00076	-0.01015	0.00010	0.00070	0.00000
21	-0.00026	0.00000	-0.00792	0.00000	0.00059	0.00000
22	-0.00054	0.00000	-0.00794	0.00000	0.00055	0.00000
23	-0.00040	0.00031	-0.00793	-0.00004	0.00057	0.00000
24	-0.00040	-0.00030	-0.00793	0.00004	0.00057	0.00000
25	-0.00025	0.00000	-0.00793	0.00000	0.00059	0.00000
26	-0.00053	0.00000	-0.00795	0.00000	0.00054	0.00000
27	-0.00040	0.00031	-0.00794	-0.00004	0.00057	0.00000
28	-0.00040	-0.00030	-0.00794	0.00004	0.00057	0.00000
29	-0.00014	0.00000	-0.00778	0.00000	0.00058	0.00000
30	-0.00060	0.00000	-0.00780	0.00000	0.00050	0.00000
31	-0.00038	0.00051	-0.00778	-0.00006	0.00054	0.00000
32	-0.00038	-0.00051	-0.00778	0.00006	0.00054	0.00000
33	-0.00036	0.00000	-0.00763	0.00000	0.00051	0.00000
34	-0.00037	0.00000	-0.00769	0.00000	0.00052	0.00000
35	-0.00031	0.00000	-0.00763	0.00000	0.00051	0.00000
36	-0.00040	0.00000	-0.00763	0.00000	0.00050	0.00000
37	-0.00036	0.00010	-0.00763	-0.00001	0.00051	0.00000
38	-0.00036	-0.00010	-0.00763	0.00001	0.00051	0.00000
39	-0.00036	0.00000	-0.00763	0.00000	0.00051	0.00000
40	0.00443	0.00013	0.00059	-0.00001	0.00076	-0.00005
41	0.00443	-0.00012	0.00059	0.00001	0.00076	0.00005
42	0.00000	0.00471	0.00000	-0.00057	0.00000	-0.00002
43	0.00000	0.00582	0.00000	-0.00069	0.00000	-0.00006
44	0.00408	0.00154	-0.00704	-0.00018	0.00127	-0.00005
45	0.00408	-0.00128	-0.00704	0.00016	0.00127	-0.00004

46	0.00408	0.00187	-0.00704	-0.00022	0.00127	-0.00006
47	0.00408	-0.00162	-0.00704	0.00020	0.00127	-0.00003
48	-0.00479	0.00129	-0.00822	-0.00016	-0.00026	0.00004
49	-0.00479	-0.00154	-0.00822	0.00018	-0.00026	0.00005
50	-0.00479	0.00162	-0.00822	-0.00020	-0.00026	0.00003
51	-0.00479	-0.00187	-0.00822	0.00022	-0.00026	0.00006
52	0.00408	0.00129	-0.00704	-0.00016	0.00127	0.00004
53	0.00408	-0.00153	-0.00704	0.00018	0.00127	0.00005
54	0.00408	0.00162	-0.00704	-0.00020	0.00127	0.00003
55	0.00408	-0.00187	-0.00704	0.00022	0.00127	0.00006
56	-0.00479	0.00154	-0.00822	-0.00018	-0.00026	-0.00005
57	-0.00479	-0.00129	-0.00822	0.00016	-0.00026	-0.00004
58	-0.00479	0.00187	-0.00822	-0.00022	-0.00026	-0.00006
59	-0.00479	-0.00162	-0.00822	0.00020	-0.00026	-0.00003
60	0.00097	0.00475	-0.00746	-0.00057	0.00074	-0.00003
61	-0.00169	0.00467	-0.00781	-0.00056	0.00028	0.00000
62	0.00097	0.00467	-0.00746	-0.00056	0.00074	0.00000
63	-0.00169	0.00475	-0.00781	-0.00057	0.00028	-0.00003
64	0.00097	-0.00467	-0.00745	0.00056	0.00074	0.00000
65	-0.00169	-0.00474	-0.00780	0.00057	0.00028	0.00003
66	0.00097	-0.00474	-0.00745	0.00057	0.00074	0.00003
67	-0.00169	-0.00467	-0.00780	0.00056	0.00028	0.00000
68	0.00097	0.00586	-0.00746	-0.00070	0.00074	-0.00007
69	-0.00169	0.00578	-0.00781	-0.00069	0.00028	-0.00005
70	0.00097	0.00578	-0.00746	-0.00069	0.00074	-0.00005
71	-0.00169	0.00586	-0.00781	-0.00070	0.00028	-0.00007
72	0.00097	-0.00578	-0.00745	0.00069	0.00074	0.00005
73	-0.00169	-0.00585	-0.00780	0.00070	0.00028	0.00007
74	0.00097	-0.00585	-0.00745	0.00070	0.00074	0.00007
75	-0.00169	-0.00578	-0.00780	0.00069	0.00028	0.00005

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GLOBAL

1	0.00029	0.00000	-0.00437	0.00000	0.00001	0.00000
2	0.00011	0.00000	-0.00380	0.00000	0.00000	0.00000
3	0.00003	0.00000	-0.00019	0.00000	0.00000	0.00000
4	0.00005	0.00000	-0.00036	0.00000	0.00000	0.00000
5	0.00015	0.00000	0.00001	0.00000	0.00004	0.00000
6	-0.00015	0.00000	-0.00001	0.00000	-0.00004	0.00000
7	0.00000	0.00062	0.00000	-0.00007	0.00000	0.00000
8	0.00000	-0.00062	0.00000	0.00007	0.00000	0.00000
9	0.00074	0.00000	-0.01117	0.00000	0.00005	0.00000
10	0.00047	0.00000	-0.01119	0.00000	-0.00002	0.00000
11	0.00061	0.00056	-0.01118	-0.00006	0.00001	0.00000
12	0.00061	-0.00056	-0.01118	0.00006	0.00001	0.00000
13	0.00073	0.00000	-0.01115	0.00000	0.00005	0.00000
14	0.00046	0.00000	-0.01116	0.00000	-0.00002	0.00000
15	0.00060	0.00056	-0.01115	-0.00006	0.00001	0.00000
16	0.00060	-0.00056	-0.01115	0.00006	0.00001	0.00000
17	0.00079	0.00000	-0.01087	0.00000	0.00007	0.00000
18	0.00034	0.00000	-0.01090	0.00000	-0.00005	0.00000
19	0.00056	0.00094	-0.01089	-0.00011	0.00001	0.00000

20	0.00056	-0.00093	-0.01089	0.00011	0.00001	0.00000
21	0.00055	0.00000	-0.00853	0.00000	0.00004	0.00000
22	0.00037	0.00000	-0.00855	0.00000	-0.00001	0.00000
23	0.00046	0.00038	-0.00854	-0.00004	0.00001	0.00000
24	0.00046	-0.00037	-0.00854	0.00004	0.00001	0.00000
25	0.00054	0.00000	-0.00852	0.00000	0.00004	0.00000
26	0.00036	0.00000	-0.00853	0.00000	-0.00001	0.00000
27	0.00045	0.00038	-0.00853	-0.00004	0.00001	0.00000
28	0.00045	-0.00037	-0.00853	0.00004	0.00001	0.00000
29	0.00058	0.00000	-0.00834	0.00000	0.00005	0.00000
30	0.00028	0.00000	-0.00836	0.00000	-0.00003	0.00000
31	0.00043	0.00062	-0.00835	-0.00007	0.00001	0.00000
32	0.00043	-0.00062	-0.00835	0.00007	0.00001	0.00000
33	0.00040	0.00000	-0.00817	0.00000	0.00001	0.00000
34	0.00041	0.00000	-0.00824	0.00000	0.00001	0.00000
35	0.00043	0.00000	-0.00817	0.00000	0.00002	0.00000
36	0.00037	0.00000	-0.00817	0.00000	0.00000	0.00000
37	0.00040	0.00013	-0.00817	-0.00001	0.00001	0.00000
38	0.00040	-0.00012	-0.00817	0.00001	0.00001	0.00000
39	0.00040	0.00000	-0.00817	0.00000	0.00001	0.00000
40	0.00318	-0.00012	0.00013	0.00002	0.00084	-0.00004
41	0.00318	0.00012	0.00013	-0.00002	0.00084	0.00004
42	0.00000	0.00506	0.00000	-0.00062	0.00000	0.00001
43	0.00000	0.00595	0.00000	-0.00073	0.00000	-0.00003
44	0.00359	0.00140	-0.00804	-0.00017	0.00085	-0.00004
45	0.00359	-0.00164	-0.00804	0.00020	0.00085	-0.00004
46	0.00359	0.00166	-0.00804	-0.00020	0.00085	-0.00005
47	0.00359	-0.00191	-0.00804	0.00023	0.00085	-0.00003
48	-0.00278	0.00164	-0.00830	-0.00020	-0.00084	0.00004
49	-0.00278	-0.00139	-0.00830	0.00017	-0.00084	0.00004
50	-0.00278	0.00191	-0.00830	-0.00023	-0.00084	0.00003
51	-0.00278	-0.00166	-0.00830	0.00020	-0.00084	0.00005
52	0.00359	0.00164	-0.00804	-0.00020	0.00085	0.00004
53	0.00359	-0.00139	-0.00804	0.00017	0.00085	0.00004
54	0.00359	0.00191	-0.00804	-0.00023	0.00085	0.00003
55	0.00359	-0.00166	-0.00804	0.00020	0.00085	0.00005
56	-0.00278	0.00139	-0.00830	-0.00017	-0.00084	-0.00004
57	-0.00278	-0.00164	-0.00830	0.00020	-0.00084	-0.00004
58	-0.00278	0.00166	-0.00830	-0.00020	-0.00084	-0.00005
59	-0.00278	-0.00191	-0.00830	0.00023	-0.00084	-0.00003
60	0.00136	0.00502	-0.00813	-0.00061	0.00026	-0.00001
61	-0.00055	0.00510	-0.00821	-0.00062	-0.00024	0.00002
62	0.00136	0.00510	-0.00813	-0.00062	0.00026	0.00002
63	-0.00055	0.00502	-0.00821	-0.00061	-0.00024	-0.00001
64	0.00136	-0.00509	-0.00813	0.00062	0.00026	-0.00002
65	-0.00055	-0.00502	-0.00821	0.00061	-0.00024	0.00001
66	0.00136	-0.00502	-0.00813	0.00061	0.00026	0.00001
67	-0.00055	-0.00509	-0.00821	0.00062	-0.00024	-0.00002
68	0.00136	0.00592	-0.00813	-0.00072	0.00026	-0.00004
69	-0.00055	0.00599	-0.00821	-0.00073	-0.00024	-0.00001

70	0.00136	0.00599	-0.00813	-0.00073	0.00026	-0.00001
71	-0.00055	0.00592	-0.00821	-0.00072	-0.00024	-0.00004
72	0.00136	-0.00599	-0.00813	0.00073	0.00026	0.00001
73	-0.00055	-0.00591	-0.00821	0.00072	-0.00024	0.00004
74	0.00136	-0.00591	-0.00813	0.00072	0.00026	0.00004
75	-0.00055	-0.00599	-0.00821	0.00073	-0.00024	0.00001
1	0.00000	0.00000	-0.00424	0.00000	0.00000	0.00000
2	0.00000	0.00000	-0.00381	0.00000	0.00000	0.00000
3	0.00000	0.00000	-0.00019	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00034	0.00000	0.00000	0.00000
5	0.00015	0.00000	0.00000	0.00000	0.00004	0.00000
6	-0.00015	0.00000	0.00000	0.00000	-0.00004	0.00000
7	0.00000	0.00083	0.00000	-0.00009	0.00000	0.00000
8	0.00000	-0.00083	0.00000	0.00009	0.00000	0.00000
9	0.00014	0.00000	-0.01098	0.00000	0.00004	0.00000
10	-0.00013	0.00000	-0.01098	0.00000	-0.00004	0.00000
11	0.00001	0.00075	-0.01098	-0.00008	0.00000	0.00000
12	0.00001	-0.00074	-0.01098	0.00008	0.00000	0.00000
13	0.00014	0.00000	-0.01096	0.00000	0.00004	0.00000
14	-0.00013	0.00000	-0.01096	0.00000	-0.00004	0.00000
15	0.00001	0.00075	-0.01096	-0.00008	0.00000	0.00000
16	0.00001	-0.00074	-0.01096	0.00008	0.00000	0.00000
17	0.00024	0.00000	-0.01070	0.00000	0.00006	0.00000
18	-0.00023	0.00000	-0.01070	0.00000	-0.00006	0.00000
19	0.00000	0.00124	-0.01070	-0.00014	0.00000	0.00000
20	0.00000	-0.00124	-0.01070	0.00014	0.00000	0.00000
21	0.00010	0.00000	-0.00839	0.00000	0.00002	0.00000
22	-0.00009	0.00000	-0.00839	0.00000	-0.00002	0.00000
23	0.00000	0.00050	-0.00839	-0.00006	0.00000	0.00000
24	0.00000	-0.00049	-0.00839	0.00006	0.00000	0.00000
25	0.00010	0.00000	-0.00838	0.00000	0.00002	0.00000
26	-0.00009	0.00000	-0.00838	0.00000	-0.00002	0.00000
27	0.00000	0.00050	-0.00838	-0.00006	0.00000	0.00000
28	0.00000	-0.00049	-0.00838	0.00006	0.00000	0.00000
29	0.00016	0.00000	-0.00821	0.00000	0.00004	0.00000
30	-0.00015	0.00000	-0.00821	0.00000	-0.00004	0.00000
31	0.00000	0.00083	-0.00821	-0.00009	0.00000	0.00000
32	0.00000	-0.00083	-0.00821	0.00009	0.00000	0.00000
33	0.00000	0.00000	-0.00804	0.00000	0.00000	0.00000
34	0.00000	0.00000	-0.00811	0.00000	0.00000	0.00000
35	0.00003	0.00000	-0.00804	0.00000	0.00001	0.00000
36	-0.00003	0.00000	-0.00804	0.00000	-0.00001	0.00000
37	0.00000	0.00017	-0.00804	-0.00002	0.00000	0.00000
38	0.00000	-0.00016	-0.00804	0.00002	0.00000	0.00000
39	0.00000	0.00000	-0.00804	0.00000	0.00000	0.00000
40	0.00321	0.00000	0.00000	0.00000	0.00085	-0.00005
41	0.00321	0.00000	0.00000	0.00000	0.00085	0.00005
42	0.00000	0.00526	0.00000	-0.00063	0.00000	0.00001
43	0.00000	0.00526	0.00000	-0.00063	0.00000	-0.00001

44	0.00321	0.00158	-0.00805	-0.00019	0.00085	-0.00004
45	0.00321	-0.00158	-0.00805	0.00019	0.00085	-0.00005
46	0.00321	0.00158	-0.00805	-0.00019	0.00085	-0.00005
47	0.00321	-0.00158	-0.00805	0.00019	0.00085	-0.00004
48	-0.00321	0.00158	-0.00804	-0.00019	-0.00085	0.00005
49	-0.00321	-0.00158	-0.00804	0.00019	-0.00085	0.00004
50	-0.00320	0.00158	-0.00804	-0.00019	-0.00085	0.00004
51	-0.00321	-0.00158	-0.00804	0.00019	-0.00085	0.00005
52	0.00321	0.00158	-0.00805	-0.00019	0.00085	0.00005
53	0.00321	-0.00158	-0.00805	0.00019	0.00085	0.00004
54	0.00321	0.00158	-0.00805	-0.00019	0.00085	0.00004
55	0.00321	-0.00158	-0.00805	0.00019	0.00085	0.00005
56	-0.00321	0.00158	-0.00804	-0.00019	-0.00085	-0.00004
57	-0.00320	-0.00158	-0.00804	0.00019	-0.00085	-0.00005
58	-0.00320	0.00158	-0.00804	-0.00019	-0.00085	-0.00005
59	-0.00321	-0.00158	-0.00804	0.00019	-0.00085	-0.00004
60	0.00097	0.00527	-0.00804	-0.00063	0.00026	0.00000
61	-0.00096	0.00527	-0.00804	-0.00063	-0.00026	0.00002
62	0.00097	0.00527	-0.00804	-0.00063	0.00026	0.00002
63	-0.00096	0.00527	-0.00804	-0.00063	-0.00026	0.00000
64	0.00097	-0.00526	-0.00804	0.00063	0.00026	-0.00002
65	-0.00096	-0.00526	-0.00804	0.00063	-0.00026	0.00000
66	0.00097	-0.00526	-0.00804	0.00063	0.00026	0.00000
67	-0.00096	-0.00526	-0.00804	0.00063	-0.00026	-0.00002
68	0.00097	0.00526	-0.00804	-0.00063	0.00026	-0.00002
69	-0.00096	0.00527	-0.00804	-0.00063	-0.00026	0.00001
70	0.00097	0.00527	-0.00804	-0.00063	0.00026	0.00000
71	-0.00096	0.00526	-0.00804	-0.00063	-0.00026	-0.00002
72	0.00097	-0.00526	-0.00804	0.00063	0.00026	-0.00001
73	-0.00096	-0.00526	-0.00804	0.00063	-0.00026	0.00002
74	0.00097	-0.00526	-0.00804	0.00063	0.00026	0.00002
75	-0.00096	-0.00526	-0.00804	0.00063	-0.00026	0.00000
24	GLOBAL					
1	-0.00029	0.00000	-0.00437	0.00000	-0.00001	0.00000
2	-0.00011	0.00000	-0.00380	0.00000	0.00000	0.00000
3	-0.00003	0.00000	-0.00019	0.00000	0.00000	0.00000
4	-0.00005	0.00000	-0.00036	0.00000	0.00000	0.00000
5	0.00015	0.00000	-0.00001	0.00000	0.00004	0.00000
6	-0.00015	0.00000	0.00001	0.00000	-0.00004	0.00000
7	0.00000	0.00062	0.00000	-0.00007	0.00000	0.00000
8	0.00000	-0.00062	0.00000	0.00007	0.00000	0.00000
9	-0.00046	0.00000	-0.01119	0.00000	0.00002	0.00000
10	-0.00073	0.00000	-0.01117	0.00000	-0.00005	0.00000
11	-0.00059	0.00056	-0.01118	-0.00006	-0.00001	0.00000
12	-0.00059	-0.00056	-0.01118	0.00006	-0.00001	0.00000
13	-0.00045	0.00000	-0.01117	0.00000	0.00002	0.00000
14	-0.00072	0.00000	-0.01115	0.00000	-0.00005	0.00000
15	-0.00059	0.00056	-0.01115	-0.00006	-0.00001	0.00000
16	-0.00059	-0.00056	-0.01115	0.00006	-0.00001	0.00000
17	-0.00033	0.00000	-0.01090	0.00000	0.00005	0.00000

18	-0.00078	0.00000	-0.01087	0.00000	-0.00007	0.00000
19	-0.00055	0.00094	-0.01089	-0.00011	-0.00001	0.00000
20	-0.00055	-0.00093	-0.01089	0.00011	-0.00001	0.00000
21	-0.00036	0.00000	-0.00855	0.00000	0.00001	0.00000
22	-0.00054	0.00000	-0.00853	0.00000	-0.00003	0.00000
23	-0.00045	0.00038	-0.00854	-0.00004	-0.00001	0.00000
24	-0.00045	-0.00037	-0.00854	0.00004	-0.00001	0.00000
25	-0.00035	0.00000	-0.00853	0.00000	0.00001	0.00000
26	-0.00053	0.00000	-0.00852	0.00000	-0.00003	0.00000
27	-0.00044	0.00038	-0.00853	-0.00004	-0.00001	0.00000
28	-0.00044	-0.00037	-0.00853	0.00004	-0.00001	0.00000
29	-0.00027	0.00000	-0.00836	0.00000	0.00003	0.00000
30	-0.00057	0.00000	-0.00834	0.00000	-0.00005	0.00000
31	-0.00042	0.00062	-0.00835	-0.00007	-0.00001	0.00000
32	-0.00042	-0.00062	-0.00835	0.00007	-0.00001	0.00000
33	-0.00039	0.00000	-0.00817	0.00000	-0.00001	0.00000
34	-0.00040	0.00000	-0.00824	0.00000	-0.00001	0.00000
35	-0.00036	0.00000	-0.00817	0.00000	0.00000	0.00000
36	-0.00042	0.00000	-0.00817	0.00000	-0.00002	0.00000
37	-0.00039	0.00013	-0.00817	-0.00001	-0.00001	0.00000
38	-0.00039	-0.00012	-0.00817	0.00001	-0.00001	0.00000
39	-0.00039	0.00000	-0.00817	0.00000	-0.00001	0.00000
40	0.00320	0.00012	-0.00013	-0.00002	0.00084	-0.00004
41	0.00320	-0.00012	-0.00013	0.00002	0.00084	0.00004
42	0.00000	0.00595	0.00000	-0.00073	0.00000	0.00003
43	0.00000	0.00505	0.00000	-0.00062	0.00000	-0.00001
44	0.00280	0.00191	-0.00830	-0.00023	0.00083	-0.00003
45	0.00280	-0.00166	-0.00830	0.00020	0.00083	-0.00005
46	0.00280	0.00164	-0.00830	-0.00020	0.00083	-0.00004
47	0.00280	-0.00139	-0.00830	0.00017	0.00083	-0.00004
48	-0.00359	0.00166	-0.00804	-0.00020	-0.00085	0.00005
49	-0.00359	-0.00191	-0.00804	0.00023	-0.00085	0.00003
50	-0.00359	0.00140	-0.00804	-0.00017	-0.00085	0.00004
51	-0.00359	-0.00164	-0.00804	0.00020	-0.00085	0.00004
52	0.00280	0.00166	-0.00830	-0.00020	0.00083	0.00005
53	0.00280	-0.00191	-0.00830	0.00023	0.00083	0.00003
54	0.00280	0.00139	-0.00830	-0.00017	0.00083	0.00004
55	0.00280	-0.00164	-0.00830	0.00020	0.00083	0.00004
56	-0.00359	0.00191	-0.00804	-0.00023	-0.00085	-0.00003
57	-0.00359	-0.00166	-0.00804	0.00020	-0.00085	-0.00005
58	-0.00359	0.00164	-0.00804	-0.00020	-0.00085	-0.00004
59	-0.00359	-0.00139	-0.00804	0.00017	-0.00085	-0.00004
60	0.00056	0.00599	-0.00821	-0.00073	0.00024	0.00001
61	-0.00135	0.00592	-0.00813	-0.00072	-0.00026	0.00004
62	0.00056	0.00592	-0.00821	-0.00072	0.00024	0.00004
63	-0.00135	0.00599	-0.00813	-0.00073	-0.00026	0.00001
64	0.00056	-0.00591	-0.00821	0.00072	0.00024	-0.00004
65	-0.00135	-0.00599	-0.00813	0.00073	-0.00026	-0.00001
66	0.00056	-0.00599	-0.00821	0.00073	0.00024	-0.00001
67	-0.00135	-0.00591	-0.00813	0.00072	-0.00026	-0.00004

68	0.00056	0.00509	-0.00821	-0.00062	0.00024	-0.00002
69	-0.00135	0.00502	-0.00813	-0.00061	-0.00026	0.00001
70	0.00056	0.00502	-0.00821	-0.00061	0.00024	0.00001
71	-0.00135	0.00509	-0.00813	-0.00062	-0.00026	-0.00002
72	0.00056	-0.00502	-0.00821	0.00061	0.00024	-0.00001
73	-0.00135	-0.00509	-0.00813	0.00062	-0.00026	0.00002
74	0.00056	-0.00509	-0.00821	0.00062	0.00024	0.00002
75	-0.00135	-0.00502	-0.00813	0.00061	-0.00026	-0.00001
1	0.00023	0.00000	-0.00412	0.00000	-0.00038	0.00000
2	0.00014	0.00000	-0.00351	0.00000	-0.00013	0.00000
3	0.00003	0.00000	-0.00014	0.00000	-0.00003	0.00000
4	0.00004	0.00000	-0.00031	0.00000	-0.00006	0.00000
5	0.00022	0.00000	-0.00002	0.00000	0.00004	0.00000
6	-0.00024	0.00000	0.00001	0.00000	-0.00004	0.00000
7	0.00000	0.00051	0.00000	-0.00006	0.00000	0.00000
8	0.00000	-0.00051	0.00000	0.00006	0.00000	0.00000
9	0.00075	0.00000	-0.01038	0.00000	-0.00072	0.00000
10	0.00033	0.00000	-0.01036	0.00000	-0.00079	0.00000
11	0.00055	0.00046	-0.01036	-0.00006	-0.00075	0.00000
12	0.00055	-0.00045	-0.01036	0.00006	-0.00075	0.00000
13	0.00073	0.00000	-0.01039	0.00000	-0.00071	0.00000
14	0.00032	0.00000	-0.01037	0.00000	-0.00078	0.00000
15	0.00053	0.00046	-0.01038	-0.00006	-0.00075	0.00000
16	0.00053	-0.00045	-0.01038	0.00006	-0.00075	0.00000
17	0.00084	0.00000	-0.01018	0.00000	-0.00065	0.00000
18	0.00014	0.00000	-0.01014	0.00000	-0.00076	0.00000
19	0.00050	0.00076	-0.01015	-0.00010	-0.00070	0.00000
20	0.00050	-0.00076	-0.01015	0.00010	-0.00070	0.00000
21	0.00055	0.00000	-0.00794	0.00000	-0.00055	0.00000
22	0.00027	0.00000	-0.00792	0.00000	-0.00059	0.00000
23	0.00041	0.00031	-0.00793	-0.00004	-0.00057	0.00000
24	0.00041	-0.00030	-0.00793	0.00004	-0.00057	0.00000
25	0.00054	0.00000	-0.00795	0.00000	-0.00054	0.00000
26	0.00026	0.00000	-0.00793	0.00000	-0.00059	0.00000
27	0.00040	0.00031	-0.00794	-0.00004	-0.00057	0.00000
28	0.00040	-0.00030	-0.00794	0.00004	-0.00057	0.00000
29	0.00061	0.00000	-0.00780	0.00000	-0.00050	0.00000
30	0.00014	0.00000	-0.00778	0.00000	-0.00057	0.00000
31	0.00038	0.00051	-0.00778	-0.00006	-0.00054	0.00000
32	0.00038	-0.00051	-0.00778	0.00006	-0.00054	0.00000
33	0.00037	0.00000	-0.00763	0.00000	-0.00051	0.00000
34	0.00037	0.00000	-0.00769	0.00000	-0.00052	0.00000
35	0.00041	0.00000	-0.00763	0.00000	-0.00050	0.00000
36	0.00032	0.00000	-0.00763	0.00000	-0.00051	0.00000
37	0.00037	0.00010	-0.00763	-0.00001	-0.00051	0.00000
38	0.00037	-0.00010	-0.00763	0.00001	-0.00051	0.00000
39	0.00037	0.00000	-0.00763	0.00000	-0.00051	0.00000
40	0.00444	-0.00013	-0.00058	0.00001	0.00075	-0.00005
41	0.00444	0.00012	-0.00058	-0.00001	0.00075	0.00005

42	0.00000	0.00582	0.00000	-0.00070	0.00000	0.00006
43	0.00000	0.00471	0.00000	-0.00057	0.00000	0.00002
44	0.00480	0.00162	-0.00821	-0.00020	0.00024	-0.00003
45	0.00481	-0.00187	-0.00821	0.00022	0.00024	-0.00006
46	0.00481	0.00129	-0.00821	-0.00016	0.00024	-0.00004
47	0.00481	-0.00154	-0.00821	0.00018	0.00024	-0.00005
48	-0.00407	0.00187	-0.00705	-0.00022	-0.00126	0.00006
49	-0.00407	-0.00162	-0.00705	0.00020	-0.00126	0.00003
50	-0.00407	0.00154	-0.00705	-0.00018	-0.00126	0.00005
51	-0.00407	-0.00129	-0.00705	0.00016	-0.00126	0.00004
52	0.00480	0.00187	-0.00821	-0.00022	0.00024	0.00006
53	0.00481	-0.00162	-0.00821	0.00020	0.00024	0.00003
54	0.00480	0.00154	-0.00821	-0.00018	0.00024	0.00005
55	0.00481	-0.00129	-0.00821	0.00016	0.00024	0.00004
56	-0.00407	0.00163	-0.00705	-0.00020	-0.00126	-0.00003
57	-0.00407	-0.00187	-0.00705	0.00022	-0.00126	-0.00006
58	-0.00407	0.00129	-0.00705	-0.00016	-0.00126	-0.00004
59	-0.00407	-0.00153	-0.00705	0.00018	-0.00126	-0.00005
60	0.00170	0.00578	-0.00781	-0.00069	-0.00028	0.00005
61	-0.00097	0.00586	-0.00746	-0.00070	-0.00073	0.00007
62	0.00170	0.00586	-0.00781	-0.00070	-0.00028	0.00007
63	-0.00097	0.00579	-0.00746	-0.00069	-0.00073	0.00005
64	0.00170	-0.00586	-0.00780	0.00070	-0.00028	-0.00007
65	-0.00096	-0.00578	-0.00745	0.00069	-0.00073	-0.00005
66	0.00170	-0.00578	-0.00780	0.00069	-0.00028	-0.00005
67	-0.00096	-0.00586	-0.00745	0.00070	-0.00073	-0.00007
68	0.00170	0.00467	-0.00781	-0.00056	-0.00028	0.00000
69	-0.00097	0.00475	-0.00746	-0.00057	-0.00073	0.00003
70	0.00170	0.00475	-0.00781	-0.00057	-0.00028	0.00003
71	-0.00097	0.00467	-0.00746	-0.00056	-0.00073	0.00000
72	0.00170	-0.00475	-0.00780	0.00057	-0.00028	-0.00003
73	-0.00096	-0.00467	-0.00745	0.00056	-0.00073	0.00000
74	0.00170	-0.00467	-0.00780	0.00056	-0.00028	0.00000
75	-0.00096	-0.00474	-0.00745	0.00057	-0.00073	-0.00003

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GLOBAL

1	-0.00002	0.00001	-0.00446	0.00017	0.00039	-0.00003
2	-0.00003	0.00002	-0.00360	0.00006	0.00016	-0.00001
3	-0.00001	0.00000	-0.00016	0.00002	0.00004	0.00000
4	-0.00001	0.00000	-0.00034	0.00003	0.00007	0.00000
5	0.00020	0.00000	0.00004	0.00000	0.00001	0.00000
6	-0.00020	0.00000	-0.00004	0.00000	-0.00001	0.00000
7	-0.00002	0.00051	-0.00021	-0.00008	-0.00001	0.00001
8	0.00002	-0.00051	0.00021	0.00009	0.00001	-0.00001
9	0.00010	0.00004	-0.01094	0.00034	0.00082	-0.00006
10	-0.00026	0.00005	-0.01101	0.00034	0.00081	-0.00006
11	-0.00010	0.00051	-0.01117	0.00027	0.00081	-0.00005
12	-0.00007	-0.00041	-0.01078	0.00042	0.00083	-0.00007
13	0.00011	0.00004	-0.01096	0.00034	0.00082	-0.00006
14	-0.00025	0.00005	-0.01103	0.00034	0.00081	-0.00006
15	-0.00009	0.00050	-0.01118	0.00026	0.00080	-0.00005

16	-0.00006	-0.00042	-0.01080	0.00042	0.00082	-0.00007
17	0.00023	0.00004	-0.01068	0.00032	0.00077	-0.00005
18	-0.00037	0.00005	-0.01079	0.00032	0.00075	-0.00006
19	-0.00010	0.00081	-0.01105	0.00019	0.00075	-0.00005
20	-0.00005	-0.00073	-0.01041	0.00045	0.00078	-0.00007
21	0.00006	0.00003	-0.00837	0.00026	0.00062	-0.00004
22	-0.00018	0.00004	-0.00842	0.00026	0.00061	-0.00005
23	-0.00007	0.00034	-0.00852	0.00021	0.00061	-0.00004
24	-0.00005	-0.00027	-0.00826	0.00031	0.00062	-0.00005
25	0.00006	0.00003	-0.00838	0.00026	0.00062	-0.00004
26	-0.00018	0.00004	-0.00843	0.00026	0.00061	-0.00005
27	-0.00007	0.00034	-0.00853	0.00021	0.00061	-0.00004
28	-0.00005	-0.00027	-0.00827	0.00031	0.00062	-0.00005
29	0.00015	0.00003	-0.00819	0.00024	0.00059	-0.00004
30	-0.00025	0.00004	-0.00827	0.00024	0.00057	-0.00005
31	-0.00007	0.00054	-0.00844	0.00016	0.00057	-0.00004
32	-0.00004	-0.00048	-0.00802	0.00033	0.00059	-0.00005
33	-0.00005	0.00003	-0.00806	0.00023	0.00055	-0.00004
34	-0.00005	0.00003	-0.00813	0.00023	0.00056	-0.00004
35	-0.00001	0.00003	-0.00805	0.00023	0.00055	-0.00004
36	-0.00009	0.00003	-0.00807	0.00023	0.00055	-0.00004
37	-0.00006	0.00013	-0.00810	0.00021	0.00055	-0.00004
38	-0.00005	-0.00007	-0.00801	0.00025	0.00055	-0.00004
39	-0.00005	0.00003	-0.00806	0.00023	0.00055	-0.00004
40	0.00445	0.00009	0.00085	-0.00001	0.00019	0.00000
41	0.00393	-0.00016	0.00089	0.00003	0.00018	0.00008
42	-0.00010	0.00471	-0.00167	-0.00076	-0.00002	0.00004
43	0.00011	0.00582	-0.00199	-0.00094	-0.00002	0.00001
44	0.00437	0.00154	-0.00771	-0.00001	0.00073	-0.00003
45	0.00443	-0.00129	-0.00670	0.00045	0.00075	-0.00006
46	0.00443	0.00187	-0.00780	-0.00006	0.00073	-0.00004
47	0.00437	-0.00162	-0.00661	0.00050	0.00075	-0.00005
48	-0.00453	0.00135	-0.00941	0.00001	0.00035	-0.00003
49	-0.00447	-0.00148	-0.00841	0.00047	0.00037	-0.00005
50	-0.00447	0.00168	-0.00951	-0.00004	0.00035	-0.00004
51	-0.00454	-0.00181	-0.00831	0.00052	0.00037	-0.00004
52	0.00385	0.00129	-0.00767	0.00003	0.00073	0.00005
53	0.00391	-0.00154	-0.00667	0.00048	0.00074	0.00003
54	0.00391	0.00162	-0.00777	-0.00003	0.00073	0.00005
55	0.00385	-0.00187	-0.00657	0.00054	0.00074	0.00004
56	-0.00401	0.00160	-0.00944	-0.00003	0.00036	-0.00012
57	-0.00395	-0.00123	-0.00844	0.00043	0.00037	-0.00014
58	-0.00395	0.00193	-0.00954	-0.00008	0.00036	-0.00012
59	-0.00402	-0.00156	-0.00834	0.00049	0.00037	-0.00013
60	0.00118	0.00477	-0.00947	-0.00054	0.00058	-0.00001
61	-0.00149	0.00471	-0.00998	-0.00053	0.00047	0.00000
62	0.00103	0.00470	-0.00946	-0.00053	0.00058	0.00002
63	-0.00133	0.00479	-0.00999	-0.00054	0.00047	-0.00003
64	0.00139	-0.00465	-0.00613	0.00099	0.00063	-0.00008
65	-0.00129	-0.00471	-0.00664	0.00100	0.00052	-0.00008

66	0.00123	-0.00473	-0.00612	0.00100	0.00063	-0.00005
67	-0.00113	-0.00463	-0.00665	0.00099	0.00052	-0.00010
68	0.00139	0.00588	-0.00980	-0.00071	0.00059	-0.00003
69	-0.00128	0.00582	-0.01031	-0.00071	0.00047	-0.00003
70	0.00124	0.00581	-0.00979	-0.00070	0.00058	-0.00001
71	-0.00112	0.00590	-0.01032	-0.00072	0.00047	-0.00006
72	0.00117	-0.00576	-0.00581	0.00116	0.00063	-0.00005
73	-0.00150	-0.00582	-0.00632	0.00117	0.00051	-0.00005
74	0.00102	-0.00584	-0.00580	0.00118	0.00063	-0.00003
75	-0.00134	-0.00574	-0.00633	0.00116	0.00052	-0.00008
1	-0.00001	0.00001	-0.00444	0.00031	-0.00004	0.00004
2	-0.00001	0.00001	-0.00378	0.00015	0.00000	0.00002
3	0.00000	0.00001	-0.00018	0.00002	0.00000	0.00000
4	0.00000	0.00000	-0.00035	0.00003	0.00000	0.00001
5	0.00019	0.00000	0.00002	0.00000	0.00002	0.00000
6	-0.00019	0.00000	-0.00001	0.00000	-0.00002	0.00000
7	-0.00001	0.00063	-0.00008	-0.00010	-0.00001	0.00002
8	0.00001	-0.00063	0.00007	0.00010	0.00001	-0.00002
9	0.00014	0.00004	-0.01120	0.00065	-0.00004	0.00009
10	-0.00021	0.00003	-0.01123	0.00065	-0.00008	0.00009
11	-0.00004	0.00060	-0.01128	0.00056	-0.00007	0.00010
12	-0.00002	-0.00053	-0.01115	0.00074	-0.00005	0.00007
13	0.00014	0.00003	-0.01120	0.00064	-0.00004	0.00008
14	-0.00020	0.00003	-0.01122	0.00064	-0.00008	0.00009
15	-0.00004	0.00059	-0.01128	0.00055	-0.00007	0.00010
16	-0.00002	-0.00054	-0.01114	0.00074	-0.00005	0.00007
17	0.00026	0.00003	-0.01092	0.00062	-0.00002	0.00008
18	-0.00032	0.00002	-0.01097	0.00062	-0.00009	0.00009
19	-0.00004	0.00096	-0.01106	0.00046	-0.00007	0.00011
20	-0.00001	-0.00092	-0.01084	0.00077	-0.00004	0.00006
21	0.00009	0.00003	-0.00856	0.00049	-0.00003	0.00006
22	-0.00014	0.00002	-0.00858	0.00049	-0.00006	0.00007
23	-0.00003	0.00040	-0.00862	0.00043	-0.00005	0.00008
24	-0.00002	-0.00035	-0.00853	0.00056	-0.00004	0.00006
25	0.00009	0.00002	-0.00856	0.00049	-0.00003	0.00006
26	-0.00014	0.00002	-0.00858	0.00049	-0.00006	0.00007
27	-0.00003	0.00040	-0.00862	0.00043	-0.00005	0.00008
28	-0.00002	-0.00036	-0.00853	0.00055	-0.00004	0.00006
29	0.00017	0.00002	-0.00838	0.00047	-0.00002	0.00006
30	-0.00021	0.00002	-0.00841	0.00047	-0.00007	0.00007
31	-0.00003	0.00065	-0.00847	0.00037	-0.00005	0.00008
32	-0.00001	-0.00061	-0.00832	0.00058	-0.00003	0.00005
33	-0.00002	0.00002	-0.00822	0.00046	-0.00004	0.00006
34	-0.00002	0.00002	-0.00829	0.00046	-0.00004	0.00006
35	0.00002	0.00002	-0.00821	0.00046	-0.00004	0.00006
36	-0.00006	0.00002	-0.00822	0.00046	-0.00005	0.00006
37	-0.00002	0.00014	-0.00823	0.00044	-0.00004	0.00006
38	-0.00002	-0.00011	-0.00820	0.00048	-0.00004	0.00006
39	-0.00002	0.00002	-0.00822	0.00046	-0.00004	0.00006

40	0.00443	-0.00009	0.00029	0.00002	0.00052	-0.00011
41	0.00390	0.00016	0.00025	-0.00001	0.00047	-0.00004
42	-0.00011	0.00511	-0.00087	-0.00084	-0.00006	0.00004
43	0.00010	0.00601	-0.00100	-0.00098	-0.00005	-0.00002
44	0.00438	0.00146	-0.00819	0.00022	0.00046	-0.00003
45	0.00444	-0.00160	-0.00767	0.00073	0.00050	-0.00006
46	0.00444	0.00173	-0.00823	0.00018	0.00047	-0.00005
47	0.00438	-0.00187	-0.00763	0.00077	0.00050	-0.00004
48	-0.00448	0.00164	-0.00877	0.00019	-0.00058	0.00018
49	-0.00442	-0.00143	-0.00825	0.00069	-0.00055	0.00015
50	-0.00442	0.00191	-0.00881	0.00014	-0.00058	0.00016
51	-0.00448	-0.00170	-0.00821	0.00073	-0.00055	0.00017
52	0.00385	0.00171	-0.00822	0.00019	0.00041	0.00003
53	0.00391	-0.00135	-0.00770	0.00070	0.00045	0.00000
54	0.00391	0.00198	-0.00826	0.00015	0.00042	0.00001
55	0.00385	-0.00162	-0.00766	0.00074	0.00045	0.00002
56	-0.00395	0.00139	-0.00873	0.00022	-0.00053	0.00012
57	-0.00389	-0.00168	-0.00821	0.00072	-0.00050	0.00009
58	-0.00389	0.00166	-0.00877	0.00017	-0.00053	0.00010
59	-0.00395	-0.00195	-0.00817	0.00076	-0.00050	0.00011
60	0.00120	0.00510	-0.00900	-0.00038	0.00005	0.00007
61	-0.00146	0.00515	-0.00917	-0.00039	-0.00026	0.00014
62	0.00104	0.00517	-0.00901	-0.00039	0.00004	0.00009
63	-0.00130	0.00508	-0.00916	-0.00038	-0.00024	0.00012
64	0.00141	-0.00512	-0.00726	0.00130	0.00018	-0.00002
65	-0.00124	-0.00506	-0.00744	0.00129	-0.00014	0.00005
66	0.00126	-0.00504	-0.00727	0.00130	0.00016	0.00000
67	-0.00108	-0.00514	-0.00743	0.00130	-0.00012	0.00003
68	0.00141	0.00600	-0.00913	-0.00052	0.00006	0.00001
69	-0.00125	0.00605	-0.00931	-0.00053	-0.00025	0.00007
70	0.00125	0.00608	-0.00914	-0.00053	0.00005	0.00003
71	-0.00109	0.00598	-0.00930	-0.00052	-0.00023	0.00006
72	0.00121	-0.00602	-0.00713	0.00144	0.00017	0.00004
73	-0.00145	-0.00597	-0.00730	0.00143	-0.00015	0.00011
74	0.00105	-0.00594	-0.00714	0.00143	0.00015	0.00006
75	-0.00129	-0.00604	-0.00729	0.00144	-0.00013	0.00009

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GLOBAL

1	0.00000	-0.00002	-0.00440	0.00031	0.00000	0.00000
2	0.00000	0.00000	-0.00382	0.00015	0.00000	0.00000
3	0.00000	0.00000	-0.00018	0.00002	0.00000	0.00000
4	0.00000	0.00000	-0.00035	0.00003	0.00000	0.00000
5	0.00019	0.00000	0.00000	0.00000	0.00002	0.00000
6	-0.00019	0.00000	0.00000	0.00000	-0.00002	0.00000
7	0.00000	0.00083	-0.00005	-0.00013	0.00000	0.00000
8	0.00000	-0.00084	0.00005	0.00013	0.00000	0.00000
9	0.00018	-0.00003	-0.01123	0.00066	0.00002	0.00000
10	-0.00017	-0.00003	-0.01123	0.00066	-0.00002	0.00000
11	0.00001	0.00072	-0.01127	0.00055	0.00000	0.00000
12	0.00001	-0.00078	-0.01119	0.00078	0.00000	0.00000
13	0.00018	-0.00003	-0.01122	0.00066	0.00002	0.00000

14	-0.00017	-0.00003	-0.01122	0.00066	-0.00002	0.00000
15	0.00001	0.00072	-0.01127	0.00054	0.00000	0.00000
16	0.00001	-0.00079	-0.01118	0.00077	0.00000	0.00000
17	0.00029	-0.00003	-0.01095	0.00063	0.00003	0.00000
18	-0.00028	-0.00003	-0.01095	0.00063	-0.00003	0.00000
19	0.00000	0.00122	-0.01103	0.00044	0.00000	0.00000
20	0.00001	-0.00129	-0.01088	0.00083	0.00000	0.00000
21	0.00012	-0.00002	-0.00858	0.00050	0.00001	0.00000
22	-0.00011	-0.00002	-0.00858	0.00050	-0.00001	0.00000
23	0.00000	0.00048	-0.00861	0.00043	0.00000	0.00000
24	0.00000	-0.00052	-0.00855	0.00058	0.00000	0.00000
25	0.00012	-0.00002	-0.00857	0.00050	0.00001	0.00000
26	-0.00011	-0.00002	-0.00857	0.00050	-0.00001	0.00000
27	0.00000	0.00048	-0.00861	0.00042	0.00000	0.00000
28	0.00000	-0.00053	-0.00855	0.00058	0.00000	0.00000
29	0.00019	-0.00002	-0.00840	0.00048	0.00002	0.00000
30	-0.00019	-0.00002	-0.00840	0.00048	-0.00002	0.00000
31	0.00000	0.00081	-0.00845	0.00035	0.00000	0.00000
32	0.00000	-0.00086	-0.00835	0.00061	0.00000	0.00000
33	0.00000	-0.00002	-0.00822	0.00047	0.00000	0.00000
34	0.00000	-0.00002	-0.00829	0.00047	0.00000	0.00000
35	0.00004	-0.00002	-0.00822	0.00047	0.00000	0.00000
36	-0.00003	-0.00002	-0.00822	0.00047	0.00000	0.00000
37	0.00000	0.00014	-0.00823	0.00044	0.00000	0.00000
38	0.00000	-0.00019	-0.00821	0.00049	0.00000	0.00000
39	0.00000	-0.00002	-0.00822	0.00047	0.00000	0.00000
40	0.00442	0.00000	-0.00001	0.00000	0.00044	-0.00005
41	0.00389	0.00000	-0.00001	0.00000	0.00040	-0.00004
42	-0.00011	0.00532	-0.00068	-0.00088	-0.00001	0.00005
43	0.00010	0.00531	-0.00068	-0.00088	0.00001	-0.00005
44	0.00439	0.00157	-0.00843	0.00020	0.00044	-0.00004
45	0.00446	-0.00162	-0.00803	0.00073	0.00045	-0.00007
46	0.00445	0.00157	-0.00843	0.00020	0.00045	-0.00007
47	0.00439	-0.00162	-0.00803	0.00073	0.00044	-0.00004
48	-0.00445	0.00157	-0.00842	0.00020	-0.00045	0.00007
49	-0.00438	-0.00162	-0.00801	0.00073	-0.00044	0.00004
50	-0.00439	0.00157	-0.00842	0.00020	-0.00044	0.00004
51	-0.00445	-0.00162	-0.00801	0.00073	-0.00045	0.00007
52	0.00386	0.00157	-0.00843	0.00020	0.00040	-0.00002
53	0.00393	-0.00162	-0.00803	0.00073	0.00040	-0.00005
54	0.00392	0.00157	-0.00843	0.00020	0.00040	-0.00005
55	0.00386	-0.00162	-0.00803	0.00073	0.00040	-0.00002
56	-0.00392	0.00157	-0.00842	0.00020	-0.00040	0.00005
57	-0.00385	-0.00162	-0.00801	0.00073	-0.00040	0.00002
58	-0.00386	0.00157	-0.00842	0.00020	-0.00040	0.00002
59	-0.00392	-0.00162	-0.00801	0.00073	-0.00040	0.00005
60	0.00122	0.00529	-0.00890	-0.00042	0.00012	0.00004
61	-0.00143	0.00529	-0.00890	-0.00042	-0.00014	0.00007
62	0.00107	0.00529	-0.00890	-0.00042	0.00011	0.00004
63	-0.00127	0.00529	-0.00890	-0.00042	-0.00013	0.00006

64	0.00144	-0.00534	-0.00755	0.00135	0.00014	-0.00007
65	-0.00122	-0.00534	-0.00755	0.00135	-0.00012	-0.00004
66	0.00128	-0.00534	-0.00755	0.00135	0.00013	-0.00006
67	-0.00106	-0.00534	-0.00755	0.00135	-0.00011	-0.00004
68	0.00143	0.00529	-0.00890	-0.00042	0.00014	-0.00007
69	-0.00122	0.00529	-0.00890	-0.00042	-0.00012	-0.00004
70	0.00127	0.00529	-0.00890	-0.00042	0.00013	-0.00006
71	-0.00106	0.00529	-0.00890	-0.00042	-0.00011	-0.00004
72	0.00123	-0.00534	-0.00755	0.00135	0.00012	0.00004
73	-0.00142	-0.00534	-0.00755	0.00135	-0.00014	0.00007
74	0.00107	-0.00534	-0.00755	0.00135	0.00011	0.00004
75	-0.00126	-0.00534	-0.00755	0.00135	-0.00013	0.00006
1	0.00001	0.00001	-0.00444	0.00031	0.00004	-0.00004
2	0.00002	0.00001	-0.00378	0.00015	0.00000	-0.00002
3	0.00000	0.00001	-0.00018	0.00002	0.00000	0.00000
4	0.00000	0.00000	-0.00035	0.00003	0.00000	-0.00001
5	0.00019	0.00000	0.00001	0.00000	0.00002	0.00000
6	-0.00019	0.00000	0.00002	0.00000	-0.00002	0.00000
7	0.00001	0.00063	-0.00008	-0.00010	0.00001	-0.00002
8	-0.00001	-0.00063	0.00007	0.00010	-0.00001	0.00002
9	0.00022	0.00003	-0.01123	0.00065	0.00008	-0.00009
10	-0.00013	0.00004	-0.01120	0.00065	0.00004	-0.00009
11	0.00005	0.00060	-0.01128	0.00056	0.00007	-0.00010
12	0.00004	-0.00053	-0.01115	0.00074	0.00005	-0.00007
13	0.00021	0.00003	-0.01122	0.00064	0.00008	-0.00009
14	-0.00013	0.00003	-0.01120	0.00064	0.00004	-0.00008
15	0.00005	0.00059	-0.01128	0.00055	0.00007	-0.00010
16	0.00003	-0.00054	-0.01114	0.00074	0.00005	-0.00007
17	0.00033	0.00002	-0.01097	0.00062	0.00009	-0.00009
18	-0.00025	0.00003	-0.01092	0.00062	0.00002	-0.00008
19	0.00005	0.00096	-0.01106	0.00046	0.00007	-0.00011
20	0.00003	-0.00092	-0.01084	0.00077	0.00004	-0.00006
21	0.00015	0.00002	-0.00858	0.00049	0.00006	-0.00007
22	-0.00008	0.00003	-0.00856	0.00049	0.00003	-0.00006
23	0.00004	0.00040	-0.00862	0.00043	0.00005	-0.00008
24	0.00003	-0.00035	-0.00853	0.00056	0.00004	-0.00006
25	0.00015	0.00002	-0.00858	0.00049	0.00006	-0.00007
26	-0.00008	0.00002	-0.00856	0.00049	0.00003	-0.00006
27	0.00004	0.00040	-0.00862	0.00043	0.00005	-0.00008
28	0.00003	-0.00036	-0.00853	0.00055	0.00004	-0.00006
29	0.00022	0.00002	-0.00841	0.00047	0.00007	-0.00007
30	-0.00016	0.00002	-0.00838	0.00047	0.00002	-0.00006
31	0.00004	0.00064	-0.00847	0.00037	0.00006	-0.00008
32	0.00002	-0.00061	-0.00832	0.00058	0.00003	-0.00005
33	0.00003	0.00002	-0.00822	0.00046	0.00004	-0.00006
34	0.00003	0.00002	-0.00829	0.00046	0.00004	-0.00006
35	0.00007	0.00002	-0.00822	0.00046	0.00005	-0.00006
36	-0.00001	0.00002	-0.00821	0.00046	0.00004	-0.00006
37	0.00003	0.00014	-0.00823	0.00044	0.00004	-0.00006

38	0.00003	-0.00011	-0.00820	0.00048	0.00004	-0.00006
39	0.00003	0.00002	-0.00822	0.00046	0.00004	-0.00006
40	0.00443	0.00009	-0.00030	-0.00002	0.00051	-0.00010
41	0.00390	-0.00016	-0.00026	0.00001	0.00046	-0.00004
42	-0.00010	0.00601	-0.00100	-0.00098	0.00005	0.00002
43	0.00010	0.00510	-0.00087	-0.00084	0.00006	-0.00004
44	0.00443	0.00191	-0.00881	0.00014	0.00057	-0.00016
45	0.00449	-0.00170	-0.00821	0.00073	0.00054	-0.00017
46	0.00449	0.00164	-0.00877	0.00019	0.00057	-0.00018
47	0.00443	-0.00143	-0.00825	0.00069	0.00054	-0.00015
48	-0.00444	0.00173	-0.00822	0.00018	-0.00045	0.00005
49	-0.00437	-0.00187	-0.00762	0.00077	-0.00049	0.00004
50	-0.00437	0.00146	-0.00818	0.00022	-0.00045	0.00003
51	-0.00443	-0.00160	-0.00766	0.00073	-0.00049	0.00006
52	0.00390	0.00166	-0.00878	0.00017	0.00052	-0.00010
53	0.00396	-0.00195	-0.00817	0.00076	0.00049	-0.00011
54	0.00396	0.00139	-0.00874	0.00022	0.00052	-0.00011
55	0.00390	-0.00168	-0.00822	0.00072	0.00049	-0.00009
56	-0.00391	0.00198	-0.00826	0.00015	-0.00040	-0.00001
57	-0.00384	-0.00162	-0.00766	0.00074	-0.00044	-0.00002
58	-0.00384	0.00171	-0.00822	0.00019	-0.00040	-0.00003
59	-0.00391	-0.00135	-0.00770	0.00070	-0.00044	0.00000
60	0.00125	0.00605	-0.00931	-0.00053	0.00025	-0.00007
61	-0.00141	0.00600	-0.00913	-0.00052	-0.00006	-0.00001
62	0.00109	0.00598	-0.00930	-0.00052	0.00023	-0.00006
63	-0.00125	0.00608	-0.00914	-0.00053	-0.00005	-0.00003
64	0.00146	-0.00597	-0.00730	0.00143	0.00014	-0.00011
65	-0.00120	-0.00602	-0.00712	0.00144	-0.00016	-0.00004
66	0.00130	-0.00604	-0.00729	0.00144	0.00013	-0.00009
67	-0.00104	-0.00594	-0.00714	0.00143	-0.00015	-0.00006
68	0.00146	0.00515	-0.00917	-0.00039	0.00026	-0.00013
69	-0.00120	0.00510	-0.00900	-0.00038	-0.00005	-0.00007
70	0.00130	0.00507	-0.00916	-0.00038	0.00024	-0.00012
71	-0.00104	0.00517	-0.00901	-0.00039	-0.00004	-0.00009
72	0.00126	-0.00506	-0.00744	0.00129	0.00013	-0.00005
73	-0.00140	-0.00511	-0.00726	0.00130	-0.00017	0.00002
74	0.00110	-0.00514	-0.00743	0.00130	0.00012	-0.00003
75	-0.00124	-0.00504	-0.00727	0.00130	-0.00016	0.00000

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GLOBAL

1	0.00003	0.00001	-0.00446	0.00017	-0.00039	0.00003
2	0.00003	0.00002	-0.00360	0.00006	-0.00016	0.00001
3	0.00001	0.00000	-0.00016	0.00002	-0.00004	0.00000
4	0.00001	0.00000	-0.00034	0.00003	-0.00007	0.00000
5	0.00020	0.00000	-0.00004	0.00000	0.00001	0.00000
6	-0.00020	0.00000	0.00004	0.00000	-0.00001	0.00000
7	0.00002	0.00051	-0.00021	-0.00009	0.00001	-0.00001
8	-0.00002	-0.00051	0.00021	0.00009	-0.00001	0.00001
9	0.00027	0.00005	-0.01101	0.00034	-0.00081	0.00006
10	-0.00009	0.00004	-0.01094	0.00034	-0.00082	0.00006
11	0.00011	0.00051	-0.01117	0.00027	-0.00081	0.00005

12	0.00008	-0.00042	-0.01078	0.00042	-0.00083	0.00007
13	0.00027	0.00005	-0.01103	0.00034	-0.00081	0.00006
14	-0.00009	0.00004	-0.01096	0.00034	-0.00082	0.00006
15	0.00010	0.00051	-0.01118	0.00026	-0.00080	0.00005
16	0.00007	-0.00042	-0.01080	0.00042	-0.00082	0.00007
17	0.00038	0.00005	-0.01079	0.00032	-0.00075	0.00006
18	-0.00022	0.00004	-0.01068	0.00032	-0.00077	0.00005
19	0.00011	0.00081	-0.01105	0.00019	-0.00075	0.00005
20	0.00006	-0.00073	-0.01041	0.00045	-0.00078	0.00007
21	0.00019	0.00004	-0.00842	0.00026	-0.00061	0.00005
22	-0.00005	0.00003	-0.00837	0.00026	-0.00062	0.00004
23	0.00008	0.00034	-0.00852	0.00021	-0.00061	0.00004
24	0.00006	-0.00027	-0.00826	0.00031	-0.00062	0.00005
25	0.00019	0.00004	-0.00843	0.00026	-0.00061	0.00005
26	-0.00005	0.00003	-0.00838	0.00026	-0.00062	0.00004
27	0.00008	0.00034	-0.00853	0.00021	-0.00061	0.00004
28	0.00006	-0.00027	-0.00827	0.00031	-0.00062	0.00005
29	0.00026	0.00004	-0.00827	0.00024	-0.00058	0.00005
30	-0.00014	0.00003	-0.00819	0.00024	-0.00059	0.00004
31	0.00008	0.00054	-0.00844	0.00016	-0.00057	0.00004
32	0.00005	-0.00048	-0.00802	0.00033	-0.00059	0.00005
33	0.00006	0.00003	-0.00806	0.00023	-0.00055	0.00004
34	0.00006	0.00003	-0.00813	0.00023	-0.00056	0.00004
35	0.00010	0.00003	-0.00806	0.00023	-0.00055	0.00004
36	0.00002	0.00003	-0.00805	0.00023	-0.00055	0.00004
37	0.00006	0.00013	-0.00810	0.00021	-0.00055	0.00004
38	0.00006	-0.00007	-0.00801	0.00025	-0.00055	0.00004
39	0.00006	0.00003	-0.00806	0.00023	-0.00055	0.00004
40	0.00446	-0.00009	-0.00084	0.00001	0.00018	0.00000
41	0.00394	0.00016	-0.00087	-0.00003	0.00018	0.00008
42	-0.00012	0.00583	-0.00200	-0.00094	0.00002	-0.00001
43	0.00010	0.00472	-0.00167	-0.00076	0.00002	-0.00004
44	0.00448	0.00168	-0.00949	-0.00004	-0.00036	0.00004
45	0.00455	-0.00181	-0.00829	0.00052	-0.00038	0.00004
46	0.00455	0.00135	-0.00939	0.00001	-0.00036	0.00003
47	0.00449	-0.00148	-0.00839	0.00047	-0.00038	0.00005
48	-0.00443	0.00187	-0.00782	-0.00006	-0.00072	0.00004
49	-0.00436	-0.00162	-0.00662	0.00050	-0.00074	0.00005
50	-0.00437	0.00154	-0.00772	-0.00001	-0.00072	0.00003
51	-0.00443	-0.00129	-0.00672	0.00045	-0.00074	0.00006
52	0.00396	0.00194	-0.00953	-0.00008	-0.00037	0.00012
53	0.00403	-0.00156	-0.00833	0.00048	-0.00038	0.00013
54	0.00402	0.00160	-0.00943	-0.00003	-0.00037	0.00012
55	0.00397	-0.00123	-0.00843	0.00043	-0.00038	0.00014
56	-0.00391	0.00162	-0.00778	-0.00003	-0.00072	-0.00005
57	-0.00384	-0.00188	-0.00659	0.00054	-0.00073	-0.00004
58	-0.00385	0.00129	-0.00769	0.00003	-0.00072	-0.00005
59	-0.00390	-0.00154	-0.00668	0.00048	-0.00073	-0.00003
60	0.00128	0.00583	-0.01030	-0.00071	-0.00047	0.00003
61	-0.00139	0.00588	-0.00980	-0.00071	-0.00058	0.00003

62	0.00112	0.00590	-0.01032	-0.00072	-0.00048	0.00006
63	-0.00124	0.00581	-0.00979	-0.00070	-0.00058	0.00001
64	0.00151	-0.00582	-0.00631	0.00117	-0.00052	0.00005
65	-0.00116	-0.00577	-0.00581	0.00116	-0.00063	0.00005
66	0.00136	-0.00575	-0.00632	0.00116	-0.00052	0.00008
67	-0.00101	-0.00584	-0.00580	0.00118	-0.00062	0.00003
68	0.00149	0.00472	-0.00998	-0.00053	-0.00047	0.00000
69	-0.00118	0.00477	-0.00948	-0.00054	-0.00058	0.00001
70	0.00134	0.00479	-0.00999	-0.00054	-0.00047	0.00003
71	-0.00102	0.00470	-0.00947	-0.00053	-0.00058	-0.00002
72	0.00130	-0.00471	-0.00664	0.00100	-0.00052	0.00008
73	-0.00137	-0.00466	-0.00614	0.00099	-0.00063	0.00008
74	0.00114	-0.00464	-0.00665	0.00099	-0.00052	0.00010
75	-0.00122	-0.00473	-0.00613	0.00100	-0.00063	0.00005

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GLOBAL

1	0.00003	0.00000	-0.00472	0.00000	-0.00051	0.00000
2	0.00003	0.00000	-0.00391	0.00000	-0.00017	0.00000
3	0.00001	0.00000	-0.00023	0.00000	-0.00005	0.00000
4	0.00001	0.00000	-0.00042	0.00000	-0.00009	0.00000
5	0.00022	0.00000	0.00002	0.00000	0.00001	0.00000
6	-0.00022	0.00000	-0.00001	0.00000	-0.00001	0.00000
7	0.00000	0.00064	0.00000	0.00000	0.00000	0.00002
8	0.00000	-0.00064	0.00000	0.00000	0.00000	-0.00002
9	0.00029	0.00000	-0.01186	0.00000	-0.00101	0.00000
10	-0.00011	0.00000	-0.01189	0.00000	-0.00102	0.00000
11	0.00009	0.00058	-0.01188	0.00000	-0.00101	0.00002
12	0.00009	-0.00057	-0.01188	0.00000	-0.00101	-0.00002
13	0.00029	0.00000	-0.01183	0.00000	-0.00100	0.00000
14	-0.00011	0.00000	-0.01186	0.00000	-0.00101	0.00000
15	0.00009	0.00058	-0.01185	0.00000	-0.00101	0.00002
16	0.00009	-0.00057	-0.01185	0.00000	-0.00101	-0.00002
17	0.00042	0.00000	-0.01151	0.00000	-0.00093	0.00000
18	-0.00025	0.00000	-0.01156	0.00000	-0.00095	0.00000
19	0.00008	0.00096	-0.01153	0.00000	-0.00094	0.00003
20	0.00008	-0.00096	-0.01153	0.00000	-0.00094	-0.00003
21	0.00020	0.00000	-0.00906	0.00000	-0.00076	0.00000
22	-0.00006	0.00000	-0.00908	0.00000	-0.00077	0.00000
23	0.00007	0.00039	-0.00907	0.00000	-0.00077	0.00001
24	0.00007	-0.00038	-0.00907	0.00000	-0.00077	-0.00001
25	0.00020	0.00000	-0.00904	0.00000	-0.00075	0.00000
26	-0.00007	0.00000	-0.00906	0.00000	-0.00076	0.00000
27	0.00007	0.00039	-0.00905	0.00000	-0.00076	0.00001
28	0.00007	-0.00038	-0.00905	0.00000	-0.00076	-0.00001
29	0.00029	0.00000	-0.00882	0.00000	-0.00071	0.00000
30	-0.00016	0.00000	-0.00886	0.00000	-0.00072	0.00000
31	0.00006	0.00064	-0.00884	0.00000	-0.00072	0.00002
32	0.00006	-0.00064	-0.00884	0.00000	-0.00072	-0.00002
33	0.00006	0.00000	-0.00864	0.00000	-0.00067	0.00000
34	0.00006	0.00000	-0.00872	0.00000	-0.00069	0.00000
35	0.00010	0.00000	-0.00863	0.00000	-0.00067	0.00000

36	0.00002	0.00000	-0.00864	0.00000	-0.00067	0.00000
37	0.00006	0.00013	-0.00864	0.00000	-0.00067	0.00000
38	0.00006	-0.00013	-0.00864	0.00000	-0.00067	0.00000
39	0.00006	0.00000	-0.00864	0.00000	-0.00067	0.00000
40	0.00460	-0.00011	0.00023	0.00000	0.00013	-0.00004
41	0.00460	0.00012	0.00023	0.00000	0.00013	0.00004
42	0.00000	0.00552	0.00000	-0.00005	0.00000	0.00002
43	0.00000	0.00653	0.00000	-0.00006	0.00000	-0.00004
44	0.00466	0.00154	-0.00841	-0.00001	-0.00054	-0.00003
45	0.00466	-0.00177	-0.00841	0.00002	-0.00054	-0.00004
46	0.00466	0.00185	-0.00841	-0.00001	-0.00054	-0.00005
47	0.00466	-0.00207	-0.00841	0.00002	-0.00054	-0.00002
48	-0.00454	0.00177	-0.00886	-0.00002	-0.00080	0.00004
49	-0.00454	-0.00154	-0.00886	0.00001	-0.00080	0.00003
50	-0.00454	0.00208	-0.00886	-0.00002	-0.00080	0.00002
51	-0.00454	-0.00184	-0.00886	0.00001	-0.00080	0.00005
52	0.00466	0.00177	-0.00841	-0.00002	-0.00054	0.00004
53	0.00466	-0.00154	-0.00841	0.00001	-0.00054	0.00003
54	0.00466	0.00208	-0.00841	-0.00002	-0.00054	0.00002
55	0.00466	-0.00184	-0.00841	0.00001	-0.00054	0.00005
56	-0.00454	0.00154	-0.00886	-0.00001	-0.00080	-0.00003
57	-0.00454	-0.00177	-0.00886	0.00002	-0.00080	-0.00004
58	-0.00454	0.00185	-0.00886	-0.00001	-0.00080	-0.00005
59	-0.00454	-0.00207	-0.00886	0.00002	-0.00080	-0.00002
60	0.00144	0.00548	-0.00857	-0.00004	-0.00063	0.00001
61	-0.00132	0.00555	-0.00870	-0.00005	-0.00071	0.00003
62	0.00144	0.00555	-0.00857	-0.00005	-0.00063	0.00003
63	-0.00132	0.00548	-0.00870	-0.00004	-0.00071	0.00001
64	0.00144	-0.00555	-0.00857	0.00005	-0.00063	-0.00003
65	-0.00132	-0.00548	-0.00870	0.00004	-0.00071	-0.00001
66	0.00144	-0.00548	-0.00857	0.00004	-0.00063	-0.00001
67	-0.00132	-0.00555	-0.00870	0.00005	-0.00071	-0.00003
68	0.00144	0.00650	-0.00857	-0.00005	-0.00063	-0.00005
69	-0.00132	0.00657	-0.00870	-0.00006	-0.00071	-0.00003
70	0.00144	0.00657	-0.00857	-0.00006	-0.00063	-0.00003
71	-0.00132	0.00650	-0.00870	-0.00005	-0.00071	-0.00005
72	0.00144	-0.00656	-0.00857	0.00006	-0.00063	0.00003
73	-0.00132	-0.00650	-0.00870	0.00005	-0.00071	0.00005
74	0.00144	-0.00650	-0.00857	0.00005	-0.00063	0.00005
75	-0.00132	-0.00657	-0.00870	0.00006	-0.00071	0.00003
32	GLOBAL					
1	0.00002	0.00000	-0.00446	0.00000	-0.00026	0.00000
2	0.00003	0.00000	-0.00383	0.00000	-0.00007	0.00000
3	0.00001	0.00000	-0.00020	0.00000	-0.00002	0.00000
4	0.00001	0.00000	-0.00037	0.00000	-0.00004	0.00000
5	0.00022	0.00000	0.00001	0.00000	0.00001	0.00000
6	-0.00022	0.00000	-0.00001	0.00000	-0.00001	0.00000
7	0.00000	0.00066	0.00000	0.00001	0.00000	0.00002
8	0.00000	-0.00066	0.00000	-0.00001	0.00000	-0.00002
9	0.00028	0.00000	-0.01135	0.00000	-0.00049	0.00000

10	-0.00012	0.00000	-0.01137	0.00000	-0.00051	0.00000
11	0.00008	0.00059	-0.01136	0.00001	-0.00050	0.00001
12	0.00008	-0.00059	-0.01136	-0.00001	-0.00050	-0.00001
13	0.00028	0.00000	-0.01133	0.00000	-0.00049	0.00000
14	-0.00012	0.00000	-0.01135	0.00000	-0.00051	0.00000
15	0.00008	0.00059	-0.01134	0.00001	-0.00050	0.00001
16	0.00008	-0.00059	-0.01134	-0.00001	-0.00050	-0.00001
17	0.00041	0.00000	-0.01104	0.00000	-0.00045	0.00000
18	-0.00026	0.00000	-0.01108	0.00000	-0.00048	0.00000
19	0.00007	0.00099	-0.01106	0.00002	-0.00047	0.00002
20	0.00007	-0.00098	-0.01106	-0.00002	-0.00047	-0.00002
21	0.00020	0.00000	-0.00867	0.00000	-0.00037	0.00000
22	-0.00007	0.00000	-0.00869	0.00000	-0.00038	0.00000
23	0.00006	0.00040	-0.00868	0.00001	-0.00038	0.00001
24	0.00006	-0.00039	-0.00868	-0.00001	-0.00038	-0.00001
25	0.00019	0.00000	-0.00866	0.00000	-0.00037	0.00000
26	-0.00007	0.00000	-0.00867	0.00000	-0.00038	0.00000
27	0.00006	0.00040	-0.00867	0.00001	-0.00038	0.00001
28	0.00006	-0.00039	-0.00867	-0.00001	-0.00038	-0.00001
29	0.00028	0.00000	-0.00847	0.00000	-0.00034	0.00000
30	-0.00016	0.00000	-0.00849	0.00000	-0.00037	0.00000
31	0.00006	0.00066	-0.00848	0.00001	-0.00036	0.00002
32	0.00006	-0.00065	-0.00848	-0.00001	-0.00036	-0.00002
33	0.00005	0.00000	-0.00830	0.00000	-0.00033	0.00000
34	0.00005	0.00000	-0.00837	0.00000	-0.00034	0.00000
35	0.00010	0.00000	-0.00829	0.00000	-0.00033	0.00000
36	0.00001	0.00000	-0.00830	0.00000	-0.00034	0.00000
37	0.00005	0.00013	-0.00830	0.00000	-0.00033	0.00000
38	0.00005	-0.00013	-0.00830	0.00000	-0.00033	0.00000
39	0.00005	0.00000	-0.00830	0.00000	-0.00033	0.00000
40	0.00460	-0.00014	0.00013	0.00000	0.00018	-0.00004
41	0.00460	0.00014	0.00013	0.00000	0.00018	0.00004
42	0.00000	0.00552	0.00000	0.00002	0.00000	0.00001
43	0.00000	0.00650	0.00000	0.00002	0.00000	-0.00005
44	0.00466	0.00152	-0.00817	0.00001	-0.00015	-0.00003
45	0.00466	-0.00179	-0.00817	0.00000	-0.00015	-0.00004
46	0.00466	0.00182	-0.00817	0.00001	-0.00015	-0.00005
47	0.00466	-0.00208	-0.00817	0.00000	-0.00015	-0.00002
48	-0.00455	0.00179	-0.00842	0.00000	-0.00052	0.00004
49	-0.00455	-0.00152	-0.00842	-0.00001	-0.00052	0.00003
50	-0.00455	0.00209	-0.00842	0.00000	-0.00052	0.00002
51	-0.00455	-0.00181	-0.00842	-0.00001	-0.00052	0.00005
52	0.00466	0.00180	-0.00817	0.00000	-0.00015	0.00004
53	0.00466	-0.00152	-0.00817	-0.00001	-0.00015	0.00003
54	0.00466	0.00209	-0.00817	0.00000	-0.00015	0.00002
55	0.00466	-0.00181	-0.00817	-0.00001	-0.00015	0.00005
56	-0.00455	0.00152	-0.00842	0.00001	-0.00052	-0.00003
57	-0.00455	-0.00179	-0.00842	0.00000	-0.00052	-0.00004
58	-0.00455	0.00181	-0.00842	0.00001	-0.00052	-0.00005
59	-0.00455	-0.00208	-0.00842	0.00000	-0.00052	-0.00002

60	0.00143	0.00548	-0.00826	0.00002	-0.00028	0.00000
61	-0.00133	0.00556	-0.00833	0.00002	-0.00039	0.00002
62	0.00143	0.00557	-0.00826	0.00002	-0.00028	0.00002
63	-0.00133	0.00548	-0.00833	0.00002	-0.00039	0.00000
64	0.00143	-0.00556	-0.00826	-0.00002	-0.00028	-0.00002
65	-0.00133	-0.00548	-0.00833	-0.00002	-0.00039	0.00000
66	0.00143	-0.00548	-0.00826	-0.00002	-0.00028	0.00000
67	-0.00133	-0.00556	-0.00833	-0.00002	-0.00039	-0.00002
68	0.00143	0.00646	-0.00826	0.00002	-0.00028	-0.00006
69	-0.00133	0.00654	-0.00833	0.00002	-0.00039	-0.00004
70	0.00143	0.00654	-0.00826	0.00002	-0.00028	-0.00004
71	-0.00133	0.00646	-0.00833	0.00002	-0.00039	-0.00006
72	0.00143	-0.00654	-0.00826	-0.00002	-0.00028	0.00004
73	-0.00133	-0.00645	-0.00833	-0.00002	-0.00039	0.00006
74	0.00143	-0.00645	-0.00826	-0.00002	-0.00028	0.00006
75	-0.00133	-0.00654	-0.00833	-0.00002	-0.00039	0.00004
1	0.00000	0.00000	-0.00430	0.00000	0.00000	0.00000
2	0.00000	0.00000	-0.00383	0.00000	0.00000	0.00000
3	0.00000	0.00000	-0.00019	0.00000	0.00000	0.00000
4	0.00000	0.00000	-0.00035	0.00000	0.00000	0.00000
5	0.00022	0.00000	0.00000	0.00000	0.00001	0.00000
6	-0.00022	0.00000	0.00000	0.00000	-0.00001	0.00000
7	0.00000	0.00086	0.00000	0.00003	0.00000	0.00000
8	0.00000	-0.00086	0.00000	-0.00003	0.00000	0.00000
9	0.00020	0.00000	-0.01111	0.00000	0.00001	0.00000
10	-0.00019	0.00000	-0.01111	0.00000	-0.00001	0.00000
11	0.00001	0.00078	-0.01111	0.00003	0.00000	0.00000
12	0.00001	-0.00077	-0.01111	-0.00003	0.00000	0.00000
13	0.00020	0.00000	-0.01108	0.00000	0.00001	0.00000
14	-0.00019	0.00000	-0.01108	0.00000	-0.00001	0.00000
15	0.00001	0.00078	-0.01108	0.00003	0.00000	0.00000
16	0.00001	-0.00077	-0.01108	-0.00003	0.00000	0.00000
17	0.00034	0.00000	-0.01082	0.00000	0.00001	0.00000
18	-0.00033	0.00000	-0.01082	0.00000	-0.00001	0.00000
19	0.00001	0.00129	-0.01082	0.00004	0.00000	0.00000
20	0.00001	-0.00129	-0.01082	-0.00004	0.00000	0.00000
21	0.00014	0.00000	-0.00849	0.00000	0.00000	0.00000
22	-0.00013	0.00000	-0.00849	0.00000	0.00000	0.00000
23	0.00000	0.00052	-0.00849	0.00002	0.00000	0.00000
24	0.00000	-0.00051	-0.00849	-0.00002	0.00000	0.00000
25	0.00014	0.00000	-0.00847	0.00000	0.00000	0.00000
26	-0.00013	0.00000	-0.00847	0.00000	0.00000	0.00000
27	0.00000	0.00052	-0.00847	0.00002	0.00000	0.00000
28	0.00000	-0.00051	-0.00847	-0.00002	0.00000	0.00000
29	0.00022	0.00000	-0.00830	0.00000	0.00001	0.00000
30	-0.00022	0.00000	-0.00830	0.00000	-0.00001	0.00000
31	0.00000	0.00086	-0.00830	0.00003	0.00000	0.00000
32	0.00000	-0.00086	-0.00830	-0.00003	0.00000	0.00000
33	0.00000	0.00000	-0.00813	0.00000	0.00000	0.00000

34	0.00000	0.00000	-0.00820	0.00000	0.00000	0.00000
35	0.00005	0.00000	-0.00813	0.00000	0.00000	0.00000
36	-0.00004	0.00000	-0.00813	0.00000	0.00000	0.00000
37	0.00000	0.00017	-0.00813	0.00001	0.00000	0.00000
38	0.00000	-0.00017	-0.00813	-0.00001	0.00000	0.00000
39	0.00000	0.00000	-0.00813	0.00000	0.00000	0.00000
40	0.00462	0.00000	0.00000	0.00000	0.00016	-0.00004
41	0.00462	0.00000	0.00000	0.00000	0.00016	0.00004
42	0.00000	0.00564	0.00000	0.00011	0.00000	0.00003
43	0.00000	0.00564	0.00000	0.00011	0.00000	-0.00003
44	0.00462	0.00169	-0.00813	0.00003	0.00016	-0.00003
45	0.00462	-0.00169	-0.00813	-0.00003	0.00016	-0.00005
46	0.00462	0.00169	-0.00813	0.00003	0.00016	-0.00005
47	0.00462	-0.00169	-0.00813	-0.00003	0.00016	-0.00003
48	-0.00462	0.00169	-0.00812	0.00003	-0.00016	0.00005
49	-0.00462	-0.00169	-0.00812	-0.00003	-0.00016	0.00003
50	-0.00462	0.00169	-0.00812	0.00003	-0.00016	0.00003
51	-0.00462	-0.00169	-0.00812	-0.00003	-0.00016	0.00005
52	0.00462	0.00169	-0.00813	0.00003	0.00016	0.00005
53	0.00462	-0.00169	-0.00813	-0.00003	0.00016	0.00003
54	0.00462	0.00169	-0.00813	0.00003	0.00016	0.00003
55	0.00462	-0.00169	-0.00813	-0.00003	0.00016	0.00005
56	-0.00462	0.00169	-0.00812	0.00003	-0.00016	-0.00003
57	-0.00462	-0.00169	-0.00812	-0.00003	-0.00016	-0.00005
58	-0.00462	0.00169	-0.00812	0.00003	-0.00016	-0.00005
59	-0.00462	-0.00169	-0.00812	-0.00003	-0.00016	-0.00003
60	0.00139	0.00564	-0.00813	0.00011	0.00005	0.00002
61	-0.00138	0.00564	-0.00813	0.00011	-0.00005	0.00004
62	0.00139	0.00564	-0.00813	0.00011	0.00005	0.00004
63	-0.00138	0.00564	-0.00813	0.00011	-0.00005	0.00002
64	0.00139	-0.00564	-0.00813	-0.00011	0.00005	-0.00004
65	-0.00138	-0.00564	-0.00813	-0.00011	-0.00005	-0.00002
66	0.00139	-0.00564	-0.00813	-0.00011	0.00005	-0.00002
67	-0.00138	-0.00564	-0.00813	-0.00011	-0.00005	-0.00004
68	0.00139	0.00564	-0.00813	0.00011	0.00005	-0.00004
69	-0.00138	0.00564	-0.00813	0.00011	-0.00005	-0.00002
70	0.00139	0.00564	-0.00813	0.00011	0.00005	-0.00002
71	-0.00138	0.00564	-0.00813	0.00011	-0.00005	-0.00004
72	0.00139	-0.00564	-0.00813	-0.00011	0.00005	0.00002
73	-0.00138	-0.00564	-0.00813	-0.00011	-0.00005	0.00004
74	0.00139	-0.00564	-0.00813	-0.00011	0.00005	0.00004
75	-0.00138	-0.00564	-0.00813	-0.00011	-0.00005	0.00002

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GLOBAL

1	-0.00002	0.00000	-0.00446	0.00000	0.00026	0.00000
2	-0.00003	0.00000	-0.00383	0.00000	0.00007	0.00000
3	-0.00001	0.00000	-0.00020	0.00000	0.00002	0.00000
4	-0.00001	0.00000	-0.00037	0.00000	0.00004	0.00000
5	0.00022	0.00000	-0.00001	0.00000	0.00001	0.00000
6	-0.00022	0.00000	0.00001	0.00000	-0.00001	0.00000
7	0.00000	0.00066	0.00000	0.00001	0.00000	-0.00002

8	0.00000	-0.00066	0.00000	-0.00001	0.00000	0.00002
9	0.00013	0.00000	-0.01137	0.00000	0.00051	0.00000
10	-0.00027	0.00000	-0.01135	0.00000	0.00049	0.00000
11	-0.00007	0.00059	-0.01136	0.00001	0.00050	-0.00001
12	-0.00007	-0.00059	-0.01136	-0.00001	0.00050	0.00001
13	0.00013	0.00000	-0.01135	0.00000	0.00051	0.00000
14	-0.00027	0.00000	-0.01133	0.00000	0.00049	0.00000
15	-0.00007	0.00059	-0.01134	0.00001	0.00050	-0.00001
16	-0.00007	-0.00059	-0.01134	-0.00001	0.00050	0.00001
17	0.00027	0.00000	-0.01108	0.00000	0.00048	0.00000
18	-0.00040	0.00000	-0.01104	0.00000	0.00045	0.00000
19	-0.00006	0.00099	-0.01106	0.00002	0.00047	-0.00002
20	-0.00006	-0.00098	-0.01106	-0.00002	0.00047	0.00002
21	0.00008	0.00000	-0.00869	0.00000	0.00038	0.00000
22	-0.00019	0.00000	-0.00867	0.00000	0.00037	0.00000
23	-0.00005	0.00040	-0.00868	0.00001	0.00038	-0.00001
24	-0.00005	-0.00039	-0.00868	-0.00001	0.00038	0.00001
25	0.00008	0.00000	-0.00867	0.00000	0.00038	0.00000
26	-0.00018	0.00000	-0.00866	0.00000	0.00037	0.00000
27	-0.00005	0.00040	-0.00867	0.00001	0.00038	-0.00001
28	-0.00005	-0.00039	-0.00867	-0.00001	0.00038	0.00001
29	0.00017	0.00000	-0.00849	0.00000	0.00037	0.00000
30	-0.00027	0.00000	-0.00847	0.00000	0.00034	0.00000
31	-0.00005	0.00066	-0.00848	0.00001	0.00036	-0.00002
32	-0.00005	-0.00065	-0.00848	-0.00001	0.00036	0.00002
33	-0.00004	0.00000	-0.00830	0.00000	0.00033	0.00000
34	-0.00005	0.00000	-0.00837	0.00000	0.00034	0.00000
35	0.00000	0.00000	-0.00830	0.00000	0.00034	0.00000
36	-0.00009	0.00000	-0.00829	0.00000	0.00033	0.00000
37	-0.00004	0.00013	-0.00830	0.00000	0.00033	0.00000
38	-0.00004	-0.00013	-0.00830	0.00000	0.00033	0.00000
39	-0.00004	0.00000	-0.00830	0.00000	0.00033	0.00000
40	0.00460	0.00014	-0.00013	0.00000	0.00018	-0.00004
41	0.00460	-0.00014	-0.00013	0.00000	0.00018	0.00004
42	0.00000	0.00650	0.00000	0.00002	0.00000	0.00005
43	0.00000	0.00552	0.00000	0.00002	0.00000	-0.00001
44	0.00456	0.00209	-0.00843	0.00000	0.00051	-0.00002
45	0.00456	-0.00181	-0.00843	-0.00001	0.00051	-0.00005
46	0.00456	0.00179	-0.00843	0.00000	0.00051	-0.00004
47	0.00456	-0.00152	-0.00843	-0.00001	0.00051	-0.00003
48	-0.00465	0.00182	-0.00817	0.00001	0.00015	0.00005
49	-0.00465	-0.00208	-0.00817	0.00000	0.00015	0.00002
50	-0.00465	0.00152	-0.00817	0.00001	0.00015	0.00003
51	-0.00465	-0.00179	-0.00817	0.00000	0.00015	0.00004
52	0.00456	0.00181	-0.00843	0.00001	0.00051	0.00005
53	0.00456	-0.00208	-0.00843	0.00000	0.00051	0.00002
54	0.00456	0.00152	-0.00843	0.00001	0.00051	0.00003
55	0.00456	-0.00179	-0.00843	0.00000	0.00051	0.00004
56	-0.00465	0.00209	-0.00817	0.00000	0.00015	-0.00002
57	-0.00465	-0.00181	-0.00817	-0.00001	0.00015	-0.00005

58	-0.00465	0.00179	-0.00817	0.00000	0.00015	-0.00004
59	-0.00465	-0.00152	-0.00817	-0.00001	0.00015	-0.00003
60	0.00134	0.00654	-0.00833	0.00002	0.00039	0.00004
61	-0.00143	0.00646	-0.00826	0.00002	0.00028	0.00006
62	0.00134	0.00646	-0.00833	0.00002	0.00039	0.00006
63	-0.00143	0.00654	-0.00826	0.00002	0.00028	0.00004
64	0.00134	-0.00645	-0.00833	-0.00002	0.00039	-0.00006
65	-0.00143	-0.00653	-0.00826	-0.00002	0.00028	-0.00004
66	0.00134	-0.00654	-0.00833	-0.00002	0.00039	-0.00004
67	-0.00143	-0.00645	-0.00826	-0.00002	0.00028	-0.00006
68	0.00134	0.00556	-0.00833	0.00002	0.00039	-0.00002
69	-0.00143	0.00548	-0.00826	0.00002	0.00028	0.00000
70	0.00134	0.00548	-0.00833	0.00002	0.00039	0.00000
71	-0.00143	0.00556	-0.00826	0.00002	0.00028	-0.00002
72	0.00134	-0.00548	-0.00833	-0.00002	0.00039	0.00000
73	-0.00143	-0.00556	-0.00826	-0.00002	0.00028	0.00002
74	0.00134	-0.00556	-0.00833	-0.00002	0.00039	0.00002
75	-0.00143	-0.00548	-0.00826	-0.00002	0.00028	0.00000

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GLOBAL

1	-0.00002	0.00000	-0.00472	0.00000	0.00051	0.00000
2	-0.00003	0.00000	-0.00391	0.00000	0.00017	0.00000
3	-0.00001	0.00000	-0.00023	0.00000	0.00005	0.00000
4	-0.00001	0.00000	-0.00042	0.00000	0.00009	0.00000
5	0.00022	0.00000	-0.00001	0.00000	0.00001	0.00000
6	-0.00022	0.00000	0.00002	0.00000	-0.00001	0.00000
7	0.00000	0.00064	0.00000	0.00000	0.00000	-0.00002
8	0.00000	-0.00064	0.00000	0.00000	0.00000	0.00002
9	0.00012	0.00000	-0.01189	0.00000	0.00102	0.00000
10	-0.00028	0.00000	-0.01186	0.00000	0.00101	0.00000
11	-0.00008	0.00058	-0.01188	0.00000	0.00101	-0.00002
12	-0.00008	-0.00057	-0.01188	0.00000	0.00101	0.00002
13	0.00012	0.00000	-0.01186	0.00000	0.00101	0.00000
14	-0.00028	0.00000	-0.01183	0.00000	0.00100	0.00000
15	-0.00008	0.00058	-0.01185	0.00000	0.00101	-0.00002
16	-0.00008	-0.00057	-0.01185	0.00000	0.00101	0.00002
17	0.00026	0.00000	-0.01156	0.00000	0.00095	0.00000
18	-0.00041	0.00000	-0.01151	0.00000	0.00093	0.00000
19	-0.00007	0.00096	-0.01153	0.00000	0.00094	-0.00003
20	-0.00007	-0.00096	-0.01153	0.00000	0.00094	0.00003
21	0.00007	0.00000	-0.00908	0.00000	0.00077	0.00000
22	-0.00019	0.00000	-0.00906	0.00000	0.00076	0.00000
23	-0.00006	0.00039	-0.00907	0.00000	0.00077	-0.00001
24	-0.00006	-0.00038	-0.00907	0.00000	0.00077	0.00001
25	0.00007	0.00000	-0.00906	0.00000	0.00076	0.00000
26	-0.00019	0.00000	-0.00904	0.00000	0.00076	0.00000
27	-0.00006	0.00039	-0.00905	0.00000	0.00076	-0.00001
28	-0.00006	-0.00038	-0.00905	0.00000	0.00076	0.00001
29	0.00016	0.00000	-0.00886	0.00000	0.00072	0.00000
30	-0.00028	0.00000	-0.00882	0.00000	0.00071	0.00000
31	-0.00005	0.00064	-0.00884	0.00000	0.00072	-0.00002

32	-0.00005	-0.00064	-0.00884	0.00000	0.00072	0.00002
33	-0.00005	0.00000	-0.00864	0.00000	0.00067	0.00000
34	-0.00005	0.00000	-0.00872	0.00000	0.00069	0.00000
35	-0.00001	0.00000	-0.00864	0.00000	0.00067	0.00000
36	-0.00010	0.00000	-0.00863	0.00000	0.00067	0.00000
37	-0.00005	0.00013	-0.00864	0.00000	0.00067	0.00000
38	-0.00005	-0.00013	-0.00864	0.00000	0.00067	0.00000
39	-0.00005	0.00000	-0.00864	0.00000	0.00067	0.00000
40	0.00460	0.00011	-0.00023	0.00000	0.00013	-0.00004
41	0.00460	-0.00012	-0.00023	0.00000	0.00013	0.00004
42	0.00000	0.00653	0.00000	-0.00006	0.00000	0.00004
43	0.00000	0.00551	0.00000	-0.00005	0.00000	-0.00002
44	0.00455	0.00207	-0.00886	-0.00002	0.00080	-0.00002
45	0.00455	-0.00184	-0.00886	0.00001	0.00080	-0.00005
46	0.00455	0.00177	-0.00886	-0.00002	0.00080	-0.00004
47	0.00455	-0.00154	-0.00886	0.00001	0.00080	-0.00003
48	-0.00465	0.00185	-0.00841	-0.00001	0.00055	0.00005
49	-0.00465	-0.00207	-0.00841	0.00002	0.00055	0.00002
50	-0.00465	0.00154	-0.00841	-0.00001	0.00055	0.00003
51	-0.00465	-0.00177	-0.00841	0.00002	0.00055	0.00004
52	0.00455	0.00185	-0.00886	-0.00001	0.00080	0.00005
53	0.00455	-0.00207	-0.00886	0.00002	0.00080	0.00002
54	0.00455	0.00154	-0.00886	-0.00001	0.00080	0.00003
55	0.00455	-0.00177	-0.00886	0.00002	0.00080	0.00004
56	-0.00465	0.00208	-0.00841	-0.00002	0.00055	-0.00002
57	-0.00465	-0.00184	-0.00841	0.00001	0.00055	-0.00005
58	-0.00465	0.00177	-0.00841	-0.00002	0.00055	-0.00004
59	-0.00465	-0.00154	-0.00841	0.00001	0.00055	-0.00003
60	0.00133	0.00657	-0.00870	-0.00006	0.00071	0.00003
61	-0.00143	0.00650	-0.00857	-0.00005	0.00064	0.00005
62	0.00133	0.00650	-0.00870	-0.00005	0.00071	0.00005
63	-0.00143	0.00657	-0.00857	-0.00006	0.00064	0.00003
64	0.00133	-0.00650	-0.00870	0.00005	0.00071	-0.00005
65	-0.00143	-0.00656	-0.00857	0.00006	0.00063	-0.00003
66	0.00133	-0.00656	-0.00870	0.00006	0.00071	-0.00003
67	-0.00143	-0.00650	-0.00857	0.00005	0.00063	-0.00005
68	0.00133	0.00555	-0.00870	-0.00005	0.00071	-0.00003
69	-0.00143	0.00548	-0.00857	-0.00004	0.00064	-0.00001
70	0.00133	0.00548	-0.00870	-0.00004	0.00071	-0.00001
71	-0.00143	0.00555	-0.00857	-0.00005	0.00064	-0.00003
72	0.00133	-0.00548	-0.00870	0.00004	0.00071	0.00001
73	-0.00143	-0.00555	-0.00857	0.00005	0.00063	0.00003
74	0.00133	-0.00555	-0.00870	0.00005	0.00071	0.00003
75	-0.00143	-0.00548	-0.00857	0.00004	0.00063	0.00001

1
 { 665 } > LIST SUM OF REACTION
 1

 RESULTS OF LATEST ANALYSES

PROBLEM - SSE_26+2 TITLE - NONE GIVEN

ACTIVE UNITS M KN RAD DEGF SEC

SUM OF REACTIONS ABOUT COORDINATE X 0.000 Y 0.000 Z 0.000

LOADING	/-----FORCE-----//			-----MOMENT-----/		
	X FORCE	Y FORCE	Z FORCE	X MOMENT	Y MOMENT	Z MOMENT
1	0.4970946E-11	0.3255250E-11	5409.623	31105.33	-68972.70	0.7445701E-08
2	0.3873252E-11	0.2784913E-11	4733.539	27217.85	-60352.62	0.7389391E-09
3	0.2066908E-12	0.1288361E-12	210.1884	1208.583	-2679.902	0.3600180E-09
4	0.3986530E-12	0.2614096E-12	412.8639	2373.967	-5264.015	0.9879803E-09
5	-38.28000	0.3685320E-12	-0.1466542E-12	0.1377536E-07	-174.9396	220.1100
6	38.28000	-0.3563951E-12	-0.1668824E-13	0.1266561E-07	174.9396	-220.1100
7	0.1689684E-12	-85.23000	0.5084350E-11	389.5011	0.5579408E-08	-1086.682
8	-0.1699166E-12	85.23000	-0.5200662E-11	-389.5011	0.4517573E-08	1086.682
9	-34.45200	0.8573078E-11	13811.04	79413.48	-176248.2	198.0990
10	34.45200	0.7920972E-11	13811.04	79413.48	-175933.3	-198.0990
11	0.1225878E-10	-76.70700	13811.04	79764.04	-176090.8	-978.0142
12	0.1195384E-10	76.70700	13811.04	79062.93	-176090.8	978.0142
13	-34.45200	0.8575985E-11	13805.41	79381.09	-176176.4	198.0990
14	34.45200	0.7923374E-11	13805.41	79381.09	-175861.5	-198.0990
15	0.1224715E-10	-76.70700	13805.41	79731.64	-176018.9	-978.0142

16	0.1194271E-10	76.70700	13805.41	79030.53	-176018.9	978.0142
17	-57.42000	0.8601776E-11	13495.76	77600.61	-172333.3	330.1650
18	57.42000	0.7514259E-11	13495.76	77600.61	-171808.5	-330.1650
19	0.1204992E-10	-127.8450	13495.76	78184.86	-172070.9	-1630.024
20	0.1154144E-10	127.8450	13495.76	77016.36	-172070.9	1630.024
21	-22.96800	0.6520677E-11	10559.78	60718.75	-134742.2	132.0660
22	22.96800	0.6085771E-11	10559.78	60718.75	-134532.3	-132.0660
23	0.9351736E-11	-51.13800	10559.78	60952.45	-134637.2	-652.0095
24	0.9148190E-11	51.13800	10559.78	60485.05	-134637.2	652.0095
25	-22.96800	0.6523079E-11	10556.03	60697.15	-134694.3	132.0660
26	22.96800	0.6088047E-11	10556.03	60697.15	-134484.4	-132.0660
27	0.9344403E-11	-51.13800	10556.03	60930.85	-134589.3	-652.0095
28	0.9141110E-11	51.13800	10556.03	60463.45	-134589.3	652.0095
29	-38.28000	0.6539388E-11	10349.59	59510.17	-132132.3	220.1100
30	38.28000	0.5814587E-11	10349.59	59510.17	-131782.4	-220.1100
31	0.9212414E-11	-85.23000	10349.59	59899.67	-131957.3	-1086.682
32	0.8873213E-11	85.23000	10349.59	59120.66	-131957.3	1086.682
33	0.8844262E-11	0.6040116E-11	10143.16	58323.18	-129325.3	0.8184646E-08
34	0.8924163E-11	0.6092330E-11	10225.73	58797.98	-130378.1	0.8382224E-08
35	-7.656000	0.6113838E-11	10143.16	58323.18	-129360.3	44.02200
36	7.656000	0.5969017E-11	10143.16	58323.18	-129290.3	-44.02200
37	0.8877891E-11	-17.04600	10143.16	58401.08	-129325.3	-217.3365
38	0.8810379E-11	17.04600	10143.16	58245.28	-129325.3	217.3365
39	0.8844262E-11	0.6040116E-11	10143.16	58323.18	-129325.3	0.8184646E-08
40	-818.3090	0.8139816E-11	-0.1415972E-11	0.1197125E-07	-4270.620	5175.805

41	-818.3090	0.6881623E-11	0.1027591E-11	0.1213270E-07	-4270.620	4234.748
42	0.1535318E-11	-818.3080	0.4387085E-10	4015.781	0.3587131E-08	-11476.78
43	0.2690347E-11	-818.3080	0.3716319E-10	4015.781	0.9618804E-08	-9390.076
44	-818.3090	-245.4924	10143.16	59527.92	-133595.9	1732.772
45	-818.3090	245.4924	10143.16	57118.45	-133595.9	8618.838
46	-818.3090	-245.4924	10143.16	59527.92	-133595.9	2358.782
47	-818.3090	245.4924	10143.16	57118.45	-133595.9	7992.828
48	818.3090	-245.4924	10143.16	59527.92	-125054.7	-8618.838
49	818.3090	245.4924	10143.16	57118.45	-125054.7	-1732.772
50	818.3090	-245.4924	10143.16	59527.92	-125054.7	-7992.828
51	818.3090	245.4924	10143.16	57118.45	-125054.7	-2358.782
52	-818.3090	-245.4924	10143.16	59527.92	-133595.9	791.7150
53	-818.3090	245.4924	10143.16	57118.45	-133595.9	7677.782
54	-818.3090	-245.4924	10143.16	59527.92	-133595.9	1417.725
55	-818.3090	245.4924	10143.16	57118.45	-133595.9	7051.771
56	818.3090	-245.4924	10143.16	59527.92	-125054.7	-7677.782
57	818.3090	245.4924	10143.16	57118.45	-125054.7	-791.7150
58	818.3090	-245.4924	10143.16	59527.92	-125054.7	-7051.771
59	818.3090	245.4924	10143.16	57118.45	-125054.7	-1417.725
60	-245.4927	-818.3080	10143.16	62338.96	-130606.5	-9924.036
61	245.4927	-818.3080	10143.16	62338.96	-128044.1	-13029.52
62	-245.4927	-818.3080	10143.16	62338.96	-130606.5	-10206.35
63	245.4927	-818.3080	10143.16	62338.96	-128044.1	-12747.20
64	-245.4927	818.3080	10143.16	54307.40	-130606.5	13029.52
65	245.4927	818.3080	10143.16	54307.40	-128044.1	9924.036

66	-245.4927	818.3080	10143.16	54307.40	-130606.5	12747.20
67	245.4927	818.3080	10143.16	54307.40	-128044.1	10206.35
68	-245.4927	-818.3080	10143.16	62338.96	-130606.5	-7837.335
69	245.4927	-818.3080	10143.16	62338.96	-128044.1	-10942.82
70	-245.4927	-818.3080	10143.16	62338.96	-130606.5	-8119.652
71	245.4927	-818.3080	10143.16	62338.96	-128044.1	-10660.50
72	-245.4927	818.3080	10143.16	54307.40	-130606.5	10942.82
73	245.4927	818.3080	10143.16	54307.40	-128044.1	7837.335
74	-245.4927	818.3080	10143.16	54307.40	-130606.5	10660.50
75	245.4927	818.3080	10143.16	54307.40	-128044.1	8119.652

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1
{ 666} >
{ 667} > $ ----- FINE DEL CALCOLO -----
{ 668} > FINISH

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1
----- RUN-TIME PERFORMANCE SUMMARY -----

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CPU Time 00:00:01.05 Elapsed Time 0 00:00:02 On Fri Apr 17 17:54:55 2015

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