COMUNE DI VERONA
AZIENDA MOBILITA' TRASPORTI S.P.A.

SISTEMA DI TRASPORTO PUBBLICO DI TIPO FILOVIARIO

GARA D'APPALTO PER LA PROGETTAZIONE ESECUTIVA, L'ESECUZIONE DEI LAVORI E LA FORNITURA DEI VEICOLI



OFFERTA TECNICA
B2 - PROGETTO DEFINITIVO

PROGETTO :

DEPOSITO
PROGETTO STRUTTURALE
OFFICINA
Relazione tecnica e di calcolo

SCALA	-
RIF. N°	PDD0203RS01A.pdf
ALLEGATO N°	**PD D0203 RS01A**

CONCORRENTE ATI:

SOVECO COSTRUZIONI SPA
CONSORZIO COOPERATIVE COSTRUZIONI CCC Società cooperativa (MANDATARIA/CAPOGRUPPO)
MAZZI Impresa Generale Costruzioni S.p.A.
APTS Advanced Public Transport Systems bv
ALPIQ Alpiq InTec Verona S.p.A.
Balfour Beatty Rail

PROGETTAZIONE
COSTITUENDO R.T.P.:

(MANDATARIA/CAPOGRUPPO)
DIRETTORE TECNICO
Dott. Ing. Massimo Raccosta

GIRPA
DIRETTORE TECNICO
Dott. Arch. Valentina Butterini

REV.	DATA	DESCRIZIONE	ELABORAZIONE	REDATTO	VISTO	APPROVATO
A	Dic. 2010	Emissione	GIRPA	Francia	Bruni	Butterini

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RELAZIONE TECNICA E DI CALCOLO PER IL FABBRICATO OFFICINA

NORMATIVA DI RIFERIMENTO

Le strutture vengono calcolate seguendo le Norme Tecniche per le costruzioni introdotte con il D.M. infrastrutture del 14/01/08, con la relativa Circolare n°617/C.S.LL.PP. del 02/02/09; si fa inoltre riferimento alla Norma UNI EN 1992-1-1: 2005 (Eurocodice 2), e alla Norma UNI EN 1998-1: 2005 (Eurocodice 8).

Per la vita nominale delle strutture, classi d'uso e periodo di riferimento si considera il paragrafo 2.4 del capitolo 2 delle Norme Tecniche.
Per le combinazioni delle azioni si fa riferimento al capitolo 2 delle Norme Tecniche e in particolare ai paragrafi 2.5.2, 2.5.3, 2.5.4, 2.6.
Per quanto concerne le azioni sulle costruzioni si fa riferimento al capitolo 3 delle Norme Tecniche.
La progettazione per le azioni sismiche è eseguita seguendo il capitolo 7 delle Norme Tecniche, in particolare i paragrafi 7.1, 7.2, 7.3, 7.4 (per quest'ultimo facendo in particolare riferimento al punto 7.4.5, costruzioni con struttura prefabbricata) e il paragrafo 7.11.
Le verifiche agli SLU (sismici e non sismici) e agli SLE (sismici e non sismici) vengono eseguite in accordo al capitolo 4.1 delle Norme Tecniche, Costruzioni di calcestruzzo, e in accordo alle indicazioni fornite nel capitolo 7 delle Norme Tecniche per gli SLV e gli SLE sismici, cioè SLD.

UTILIZZO DELL'OPERA E SITO DI COLLOCAZIONE

L'opera in oggetto è un fabbricato ad uso officina, magazzino e manutenzioni a servizio del sistema pubblico filoviario di Verona, realizzato con struttura prefabbricata in conglomerato cementizio armato e fondazioni in opera. E' collocato in Verona, a sud del casello autostradale di Verona sud, lungo la strada della Genovesa.

MATERIALI UTILIZZATI

Cls per le strutture in elevazione di classe:
C40/50 (Rck≥50N/mm2) per le strutture prefabbricate,
C30/40 (Rck≥40N/mm2) per i pannelli di tamponamento,
C25/30 (Rck≥30N/mm2) per il getto delle solette collaboranti sugli impalcati.
Acciaio per armatura lenta B450C con Fyk>450N/mm2.
Trefoli a basso rilassamento con fptk>1860N/mm2, fp(0.2)k>1660N/mm2, fp(1)k>1760N/mm2.

VITA NOMINALE DELLA STRUTTURA E PERIODO DI RIFERIMENTO PER L'AZIONE SISMICA

La vita nominale della struttura V_N è di 50 anni, essendo la costruzione di tipo 2, opere ordinarie; la Classe d'Uso C_U della costruzione è la II, costruzioni il cui uso preveda normali affollamenti, senza contenuti pericolosi per l'ambiente e senza funzioni pubbliche o sociali essenziali; il periodo di riferimento per l'azione sismica $V_R = V_N * C_U = 50 * 1 = 50$ anni.

REQUISITI DI DURABILITA'

Per quanto riguarda la durabilità si considera una classe di esposizione XC3 per tutti gli elementi strutturali e per i pannelli di tamponamento, ambiente considerato ordinario dalla Normativa.
In base alla tabella C4.1.IV della Circolare n°617 dello 02/02/2009 si ottengono i valori del copriferro come da colonna $C \geq C_0$, valori che vengono ridotti di 5mm per i manufatti prefabbricati, poiché si tratta di una produzione con controllo di qualità, ed aumentati di 10 mm per le tolleranze di produzione.

Classe XC3
Armature lente in elementi lineari copriferro = 20-5+10 = 25mm
Armature da cap in elementi lineari copriferro = 30-5+10 =30mm
Armature lente in pannelli di tamponamento = 20-5+10 = 25 mm

Per la classe XC3 vengono prescritti valori del copriferro tali da permettere l'idonea durabilità dei manufatti.
Nonostante questo saranno comunque necessari controlli periodici sulla struttura, in modo da individuare la possibile presenza di fenomeni di degrado dei manufatti, sia sugli elementi in cls, sia sull'inserteria metallica, sia sui giunti tra i pannelli prefabbricati. Inoltre occorrerà comunque controllare la perfetta conservazione degli appoggi dei manufatti prefabbricati.

RESISTENZA AL FUOCO

E' richiesta una resistenza al fuoco R120 minuti, valutata in base alla Norma UNI 9502 del maggio 2001.

CLASSIFICAZIONE SISMICA

Zona sismica 3, comune di Verona, con i seguenti parametri.
Stato limite di salvaguardia della vita (SLV), sisma con probabilità di superamento del 10% nel periodo di riferimento V_R=50anni, oppure sisma con periodi di ritorno di 475 anni:
a_g/g=0,1610, F_0=2,4300, T_C^*=0,2800
Stato limite di danno (SLD), sisma con probabilità di superamento del 63% nel periodo di riferimento V_R=50anni, oppure sisma con periodi di ritorno di 50 anni:
a_g/g=0,0571, F_0=2,5197, T_C^*=0,2446

Una relazione geologica ed un'analisi geotecnica con indagini geognostiche è stata eseguita sul terreno interessato dalla nuova costruzione. Sono state eseguite alcune prove penetrometriche, ritenute sufficienti a caratterizzare il terreno in oggetto.
Dalla relazione geologica si deduce quanto segue:
il profilo stratigrafico del terreno di fondazione appartiene alla categoria C,
il sito di interesse appartiene alla categoria T1, trovandosi in pianura, quindi St = 1,
Ss, funzione di F_0 e a_g/g, è pari ad 1,5,
l'accelerazione massima orizzontale attesa al sito o in superficie è pari a 2,36 m/sec^2.

DESCRIZIONE DELLA STRUTTURA

Le strutture vengono realizzate con manufatti prefabbricati in conglomerato cementizio armato e precompresso: pilastri inghisati con malta antiritiro negli appositi bicchieri di fondazione gettati in opera, travi principali con sezione a I, a L e a T rovescio, elementi secondari con sezione alare e a doppio T per la formazione degli impalcati di copertura e intermedi. Tutti gli elementi sono connessi strutturalmente da fissaggi meccanici, principalmente barre filettate uscenti da un elemento inserite in tubolari lasciati nell'elemento da unire e imbullonate con apposite contropiastre di ritegno.
L'edificio, di pianta rettangolare, ha dimensioni 170,15m x 50,00m, altezza minima sotto trave 6,50m, altezza fuori terra del tamponamento 9,40m. La maglia strutturale è regolare con campate di interassi 16,27m per 12,00m, dimensioni ritenute funzionali alle attività che si andranno a svolgere.
E' funzionalmente diviso in una zona, chiusa da tamponamento, ad uso officina e magazzino, e in una zona aperta ad uso manutenzioni, definibile come tettoia.
La zona chiusa è strutturalmente suddivisa in due (3A e 3B) per attenuare le sollecitazioni sismiche, inferiori nel caso di piante compatte; il giunto si realizza in corrispondenza del limite del soppalco interno del corpo 3B, la cui quota altimetrica si colloca circa a metà dell'altezza sotto trave del capannone. La copertura è costituita da quattro allineamenti (due centrali e due laterali) di travi principali a sezione a I su una luce 12,00m in asse, su cui sono appoggiati elementi alari di copertura (detti Mirò) su una luce di 16,27m posti ad interasse 5,00m. Tra un Mirò l'altro vengono disposte lastrine di calcestruzzo inclinate e poggianti sul serramento shed, dotato di montanti metallici, di luce netta circa 1,00m: ciò permette di ottenere, grazie all'orientamento a nord, un'ottima illuminazione e di alloggiare sulle lastrine, orientate a sud, i pannelli per l'impianto solare termico. Nel corpo 3B è collocato un soppalco ad uso servizi realizzato con travi principali a L e a T rovescio su cui poggiano elementi a doppio T completati da soletta collaborante.
La tettoia (corpo 4) è una struttura giuntata al corpo 3A e prosegue la maglia strutturale già descritta, pur modificando la tipologia della copertura: infatti i due allineamenti di travi laterali sono realizzati con travi a L, i due centrali con ravi a T rovescio: su di esse appoggiano gli elementi secondari di copertura, costituiti da tegoli in c.a.p. con sezione a doppio T; il collegamento tra le travi ed i tegoli avviene a umido, mediante il getto di una soletta di spessore 10cm sull'anima della trave, che solidarizza armature uscenti dall'anima stessa e spezzoni uscenti superiormente dalle testate dei tegoli.
Nella modellazione strutturale gli schemi statici adottati per gli elementi strutturali sono di mensole incastrate alla base per i pilastri, di travi incernierate alle estremità per le travi principali in appoggio sui pilastri, di travi incernierate alle estremità per gli elementi secondari (Mirò e tegoli doppio T) in appoggio sulle travi principali. Le lastrine per la formazione degli shed sono elementi portati che non entrano nella modellazione se non con il carico di competenza.
I pannelli di tamponamento non svolgono funzione strutturale e vengono considerati come peso portato e quindi come massa oscillante

CARICHI AGENTI SULLA STRUTTURA

CARICHI VERTICALI

1. COPERTURA
   -pp di travi, elementi Mirò, tegoli con sezione pi-greco, lastrine in c.a.
   -sovraccarico permanente (manto, solare termico, appesi) 70 daN/m^2
   -sovraccarico variabile neve 100x0,8 80 daN/m^2

2. IMPALCATI A QUOTA +400cm DAL PAVIMENTO FINITO
   -pp di travi, tegoli con sezione pi-greco e soletta collaborante con spessore di 6 cm
   -sovraccarico permanente 300 daN/m^2
   -sovraccarico variabile 200 daN/m^2

3. RAMPE SCALE
   -pp delle rampe e dei pianerottoli,
   -sovraccarico permanente 200 daN/ m^2
   -sovraccarico variabile 400 daN/ m^2

4. PESO PROPRIO DEL TAMPONAMENTO PREFABBRICATO
   -carico dovuto al tamponamento prefabbricato 400 daN/m^2

CARICHI ORIZZONTALI

1. VENTO
   -agente in entrambe le direzioni x e y e con verso +/- x e +/- y;
   -per la definizione del carico del vento si seguono le indicazioni del paragrafo 3.3 del D.M. 14/01/08; si considera la zona 1, la classe di rugosità B e la categoria di esposizione IV.
   $p = q_b * C_e * C_p * C_d = 39 * 1.74 * C_p * 1$
   q_b=39 daN/m^2 per periodo di ritorno T_R = 50 anni
   C_e=1,74
   C_{pe} = 0.8 per superfici sopravento, C_{pe} = -0.4 per superfici sottovento
   C_d = 1
   p_{vmax} = 54 daN/m^2 per superfici sopravento
   p_{vmin} = 27 daN/m^2 per superfici sottovento

2. SISMA
   -agente in entrambe le direzioni x e y con verso +/- x e +/- y.
   Per il calcolo delle sollecitazioni sismiche si segue il punto 3.2 del D.M. 14/01/08.

TIPOLOGIA STRUTTURALE E SCELTA DEL FATTORE DI STRUTTURA

La tipologia strutturale adottata è quella di una struttura a telaio, si decide di adottare la classe di duttilità B (CDB). Il valore di q_0 corrispondente, indicato nella tabella 7.4.I, è $3\alpha_u/\alpha_1$; a favore di sicurezza si adotta un valore di α_u/α_1 pari a 1.
Per ciò che riguarda i corpi 3A e 3B si ritiene di considerare la struttura non regolare in altezza per la presenza del soppalco intermedio, pertanto k_r si pone uguale a 0.8; quindi il valore finale del fattore di struttura q è uguale a: 3*1,0*0,8 = 2,40.
Per ciò che riguarda la tettoia si ritiene di considerare la struttura regolare in altezza, pertanto k_r si pone uguale a 1; quindi il valore finale del fattore di struttura q è uguale a: 3*1,0*1,0 = 3,00.

VERIFICHE AGLI SLU E AGLI SLE EFFETTUATE

Per sollecitazioni sismiche:

- Verifiche di resistenza agli SLV (sollecitazioni più gravose per i pilastri)

- Verifiche agli SLE, cioè verifiche degli spostamenti all'SLD,
  Per la verifica all'SLD occorre verificare che $d_{Ee} < 0.01$ h,

Per sollecitazioni non sismiche:

- Verifiche di resistenza agli SLU (sollecitazioni più gravose per le travi e i tegoli pi-greco)
- Verifiche agli SLE nelle combinazioni rare, frequenti e quasi permanenti, verifiche delle tensioni (pilastri, travi e tegoli), verifiche di fessurazione e di deformabilità (travi e tegoli)

PROGRAMMI DI CALCOLO UTILIZZATI

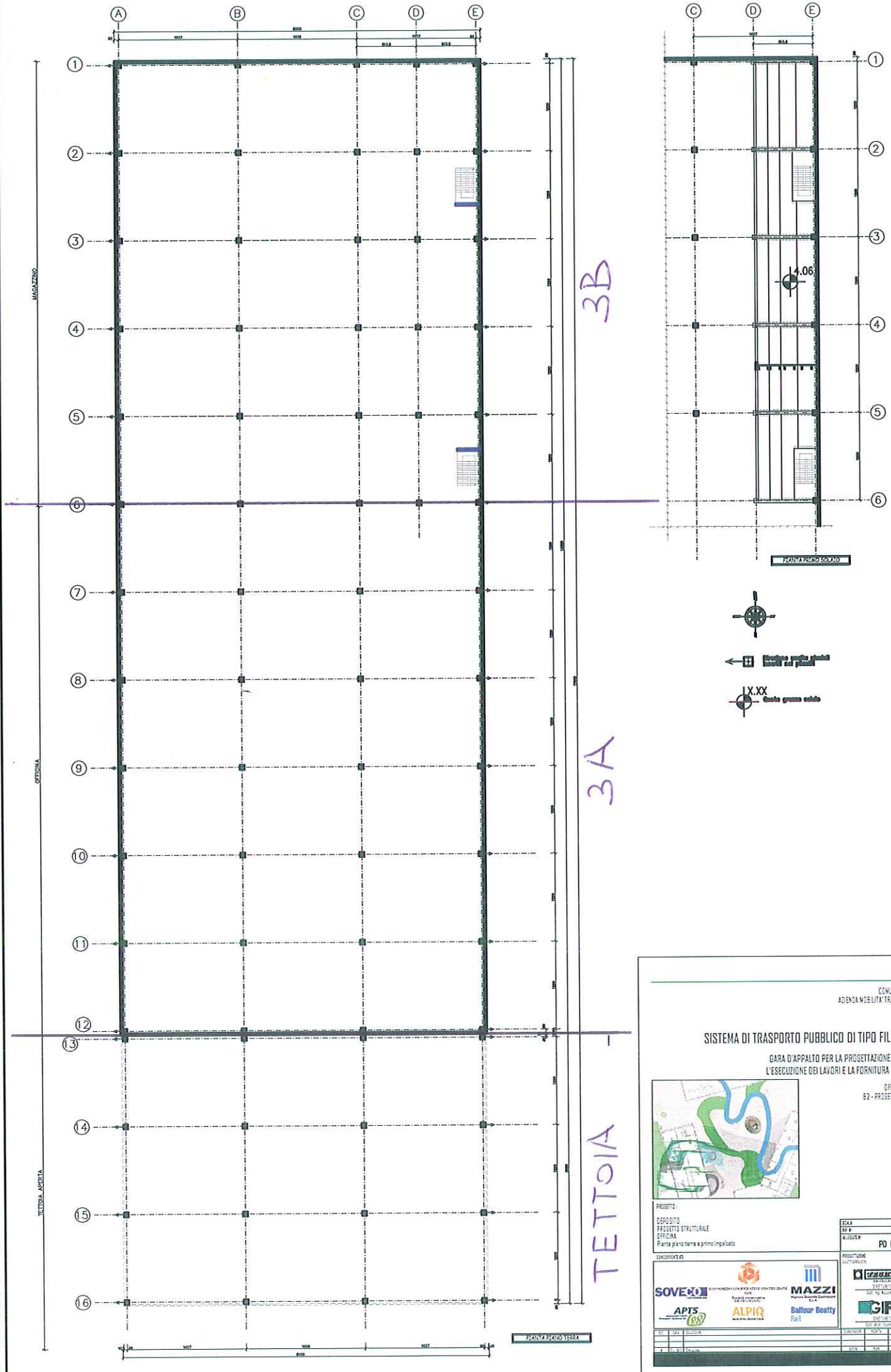
Per il modello agli elementi finiti: WinStrand di Enexsys S.r.l., via Tizzano 46/2, Casalecchio di Reno (BO).

Per il calcolo degli elementi precompressi: Capret, release 50z71w, dicembre 2008, di Cad Dataconsult s.r.l., Milano, distribuito da I&S s.r.l. Informatica e Servizi, via 4 Novembre 100, Gardolo (TN).

Per il calcolo di travi e pilastri agli SLU: NTCalcs di Ing. Salvatore Palermo.

Per il calcolo delle sezioni presso-inflesse (presso-flessione retta e deviata) e per il calcolo delle sezioni inflesse: Travilog 2004 di Logical Soft, via Garibaldi 253, Desio (MI) e Preflex di WinStrand prodotto da Enexsys S.r.l., via Tizzano 46/2, Casalecchio di Reno (BO).

Si riporta di seguito il test di validazione del software eseguito da Enexsys S.r.l. sul programma di calcolo agli elementi finiti WinStrand.



COMUNE DI VERONA
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SISTEMA DI TRASPORTO PUBBLICO DI TIPO FILOVIARIO

GARA D'APPALTO PER LA PROGETTAZIONE ESECUTIVA, L'ESECUZIONE DEI LAVORI E LA FORNITURA DEI VEICOLI

OFFERTA TECNICA
B2 - PROGETTO DEFINITIVO

PROGETTO :
DEPOSITO
PROGETTO STRUTTURALE
OFFICINA
Pianta piano terra e primo impalcato

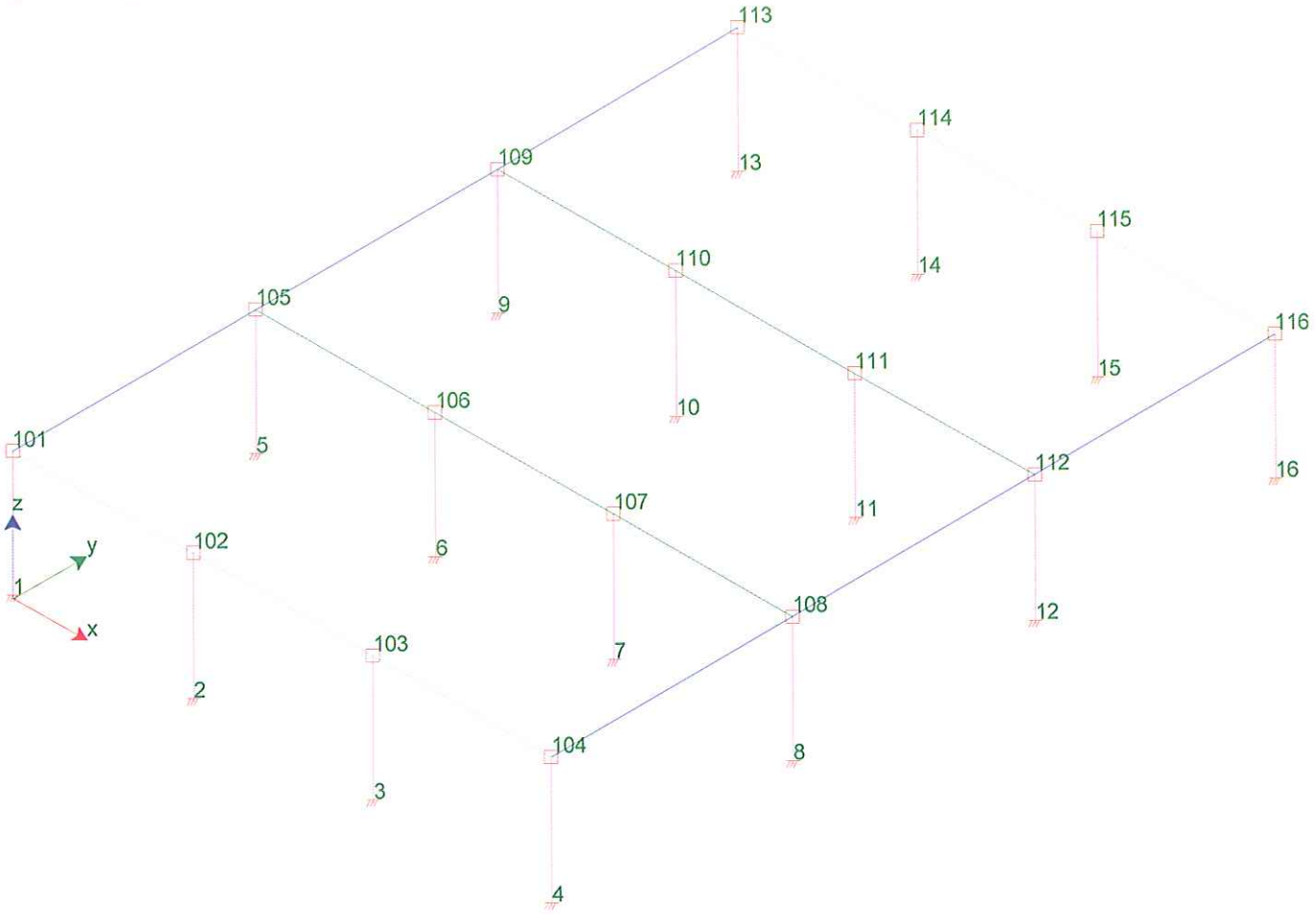
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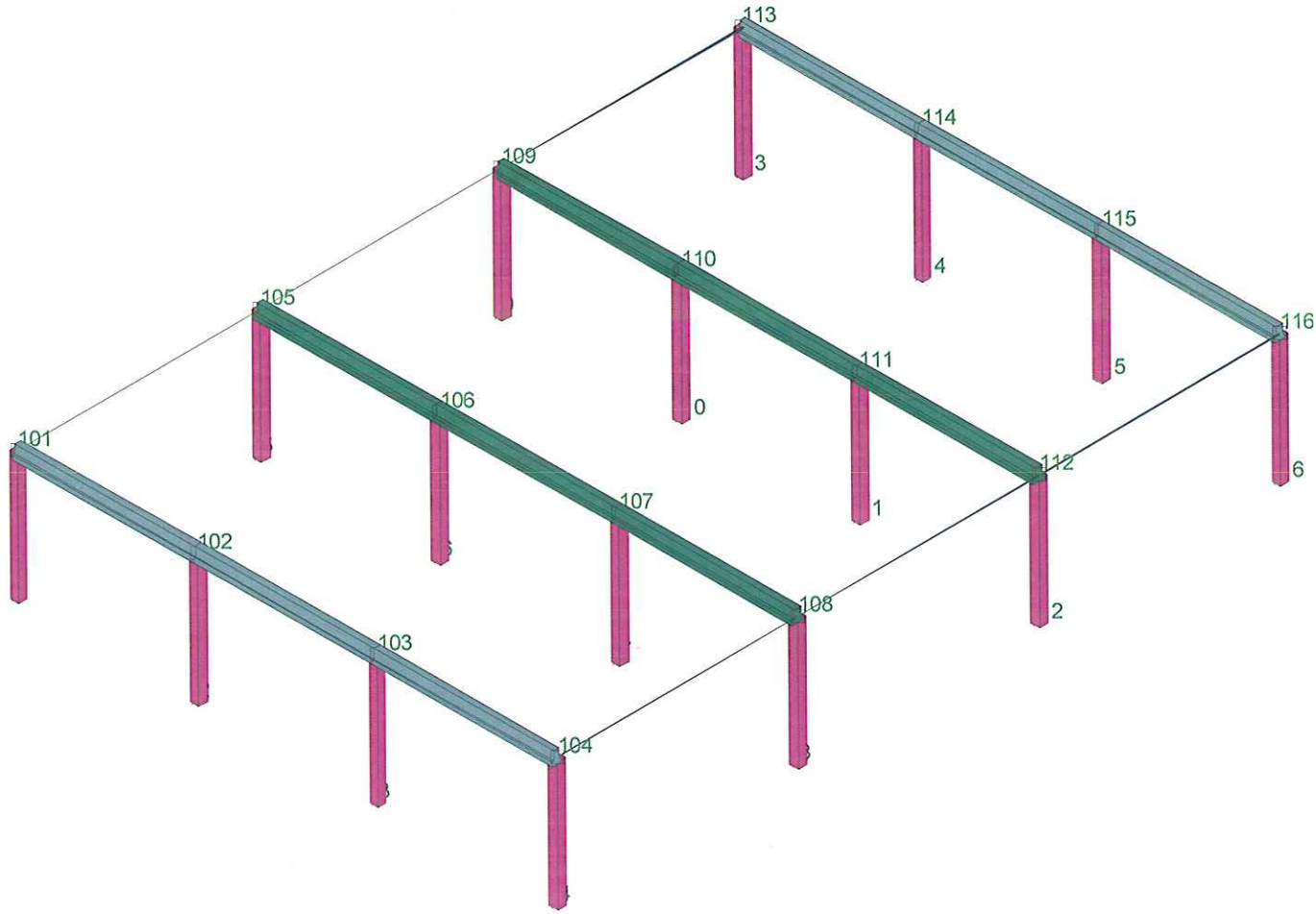
CONCORRENTE RTI:
SOVECO
MAZZI
APTS
ALPIQ
Balfour Beatty Rail

PROGETTAZIONE ELETTROMECCANICA:
TECHNITAL
GIRPA

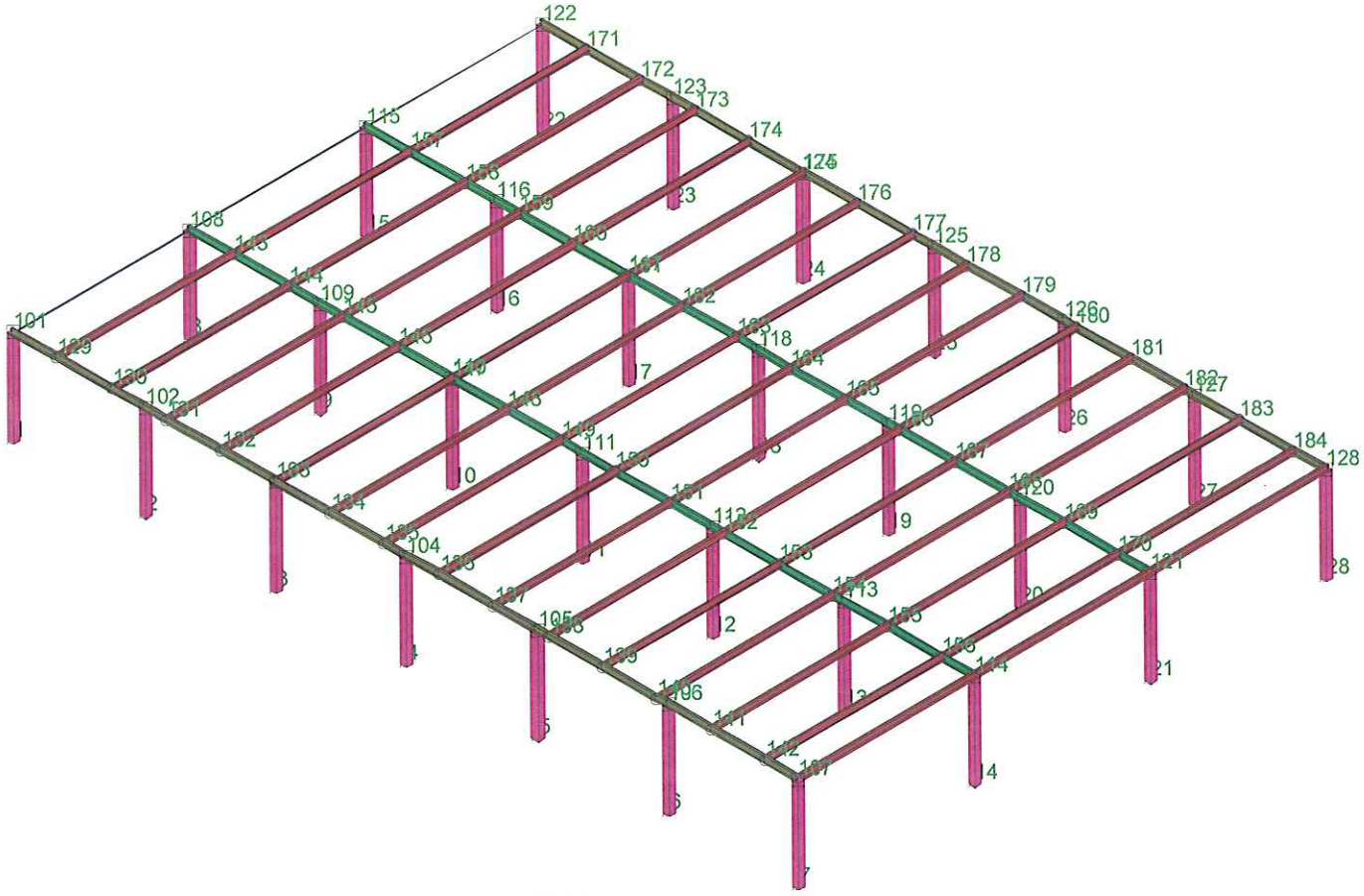
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			DATA	CAD	DATA	DATA

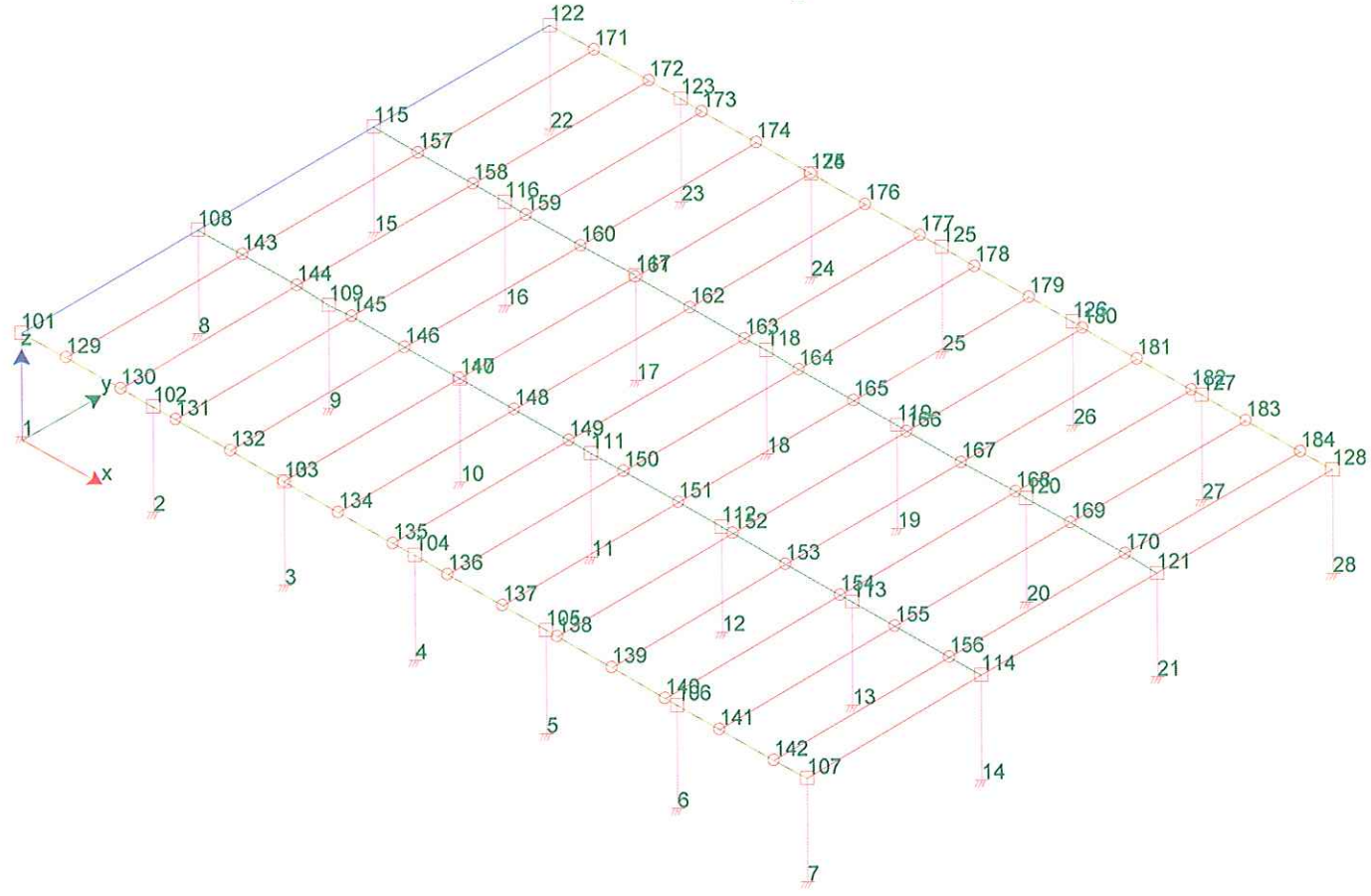
OFFICINA TETTOIA



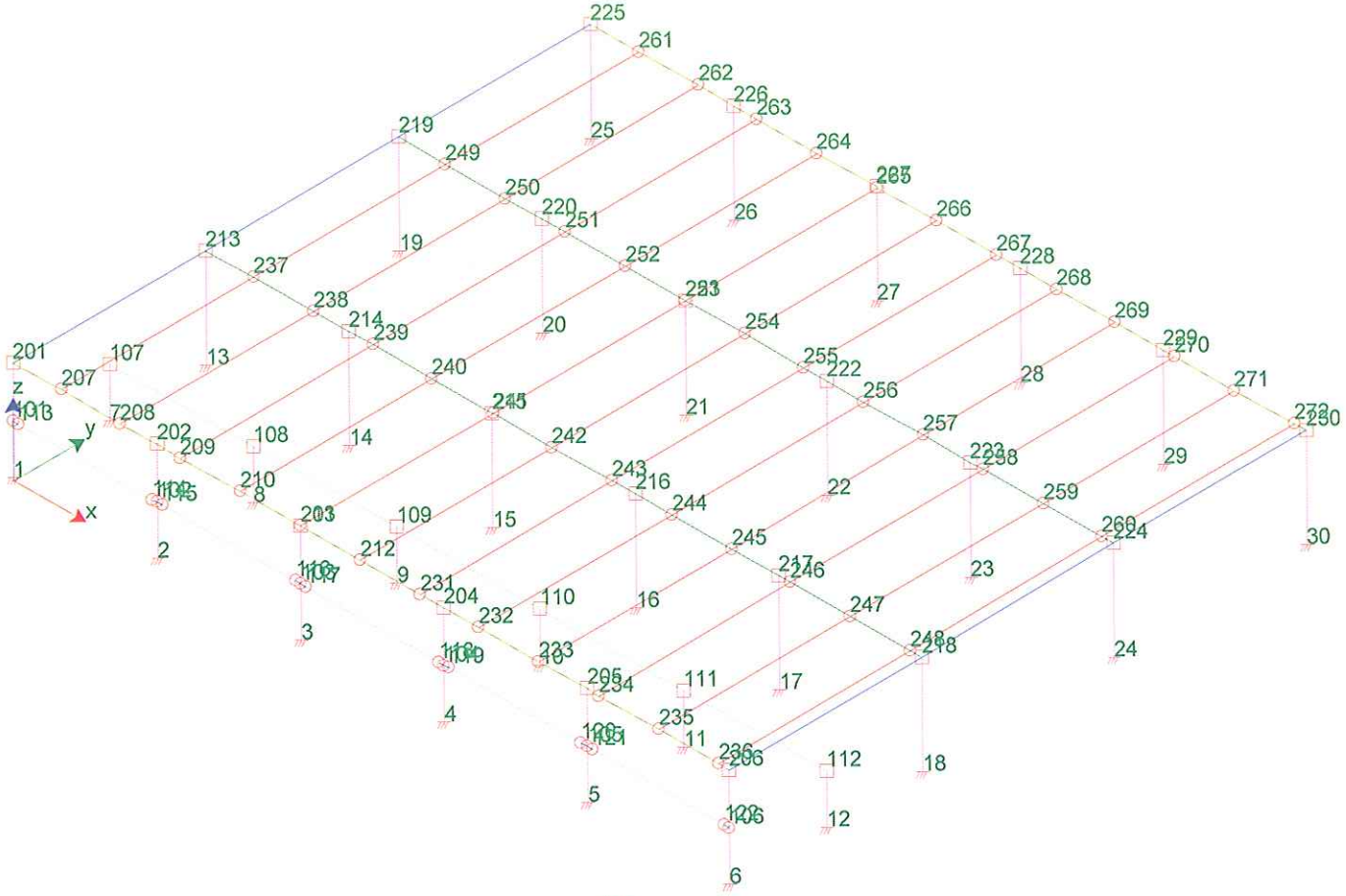


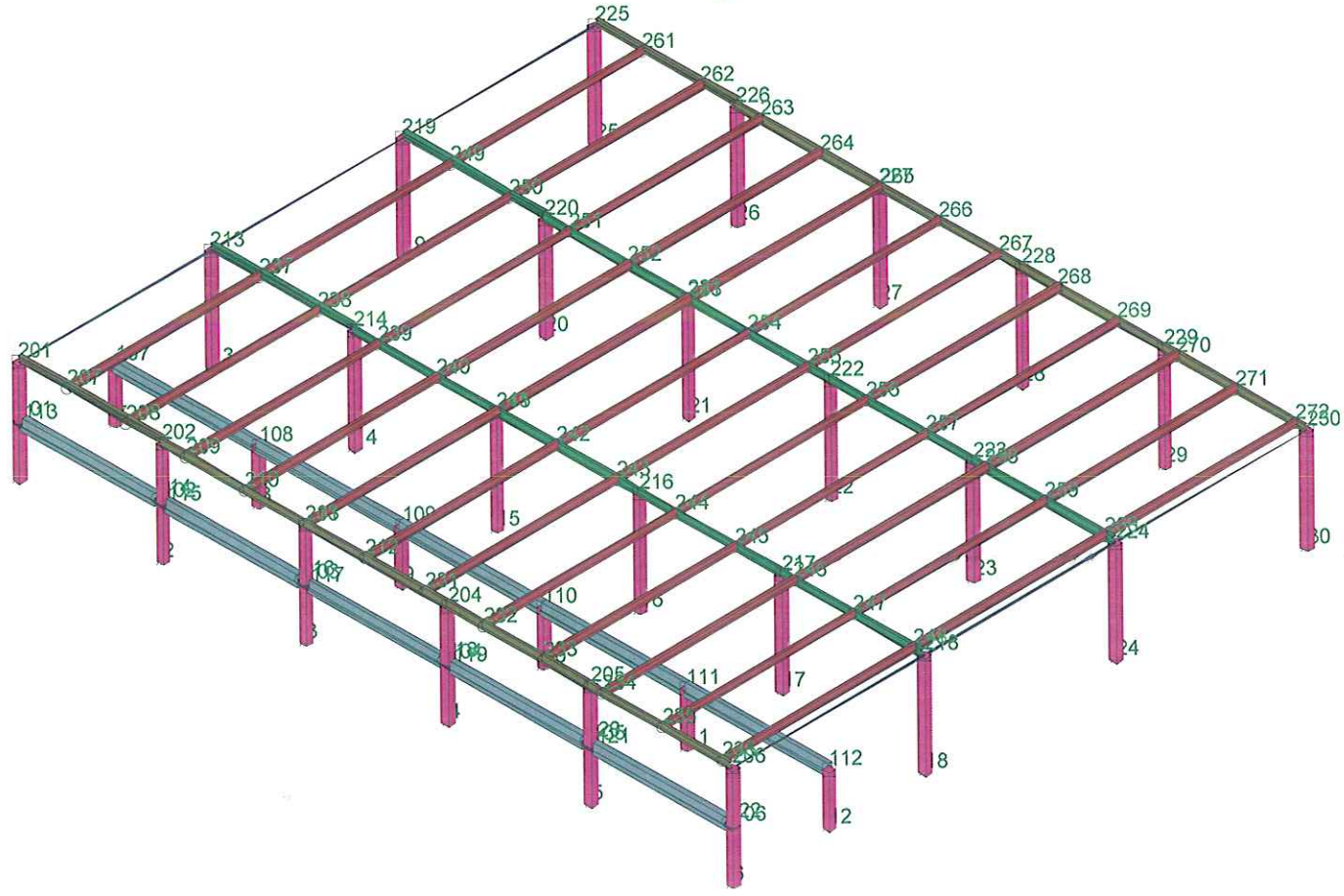
OFFICINA 3A





OFFICINA 3B





Test di validazione del software

Documento relativo a:

Affidabilità del Codice di calcolo *WinStrand*

Ditta produttrice: ***En.Ex.Sys.*** s.r.l. - Via Tizzano 46/2 - Casalecchio di Reno (Bologna)

Campo di applicazione: analisi statica e dinamica di strutture in campo elastico lineare.

Il cap. 10 del Decreto del Ministero Infrastrutture e Trasporti del 14 Gennaio 2008 fornisce le istruzioni relative alla **Redazione dei progetti strutturali esecutivi e delle relazioni di calcolo**, cui il progettista delle strutture deve attenersi nella redazione degli elaborati progettuali.

Il punto 10.2 **Analisi e verifiche svolte con l'ausilio di codici di calcolo** specifica:

> Qualora l'analisi strutturale e le relative verifiche siano condotte con l'ausilio di codici di calcolo automatico, il progettista dovrà controllare l'affidabilità dei codici utilizzati e verificare l'attendibilità dei risultati ottenuti, curando nel contempo che la presentazione dei risultati stessi sia tale da garantirne la leggibilità, la corretta interpretazione e la riproducibilità.

Nella fase di stesura della relazione di calcolo, utilizzando i tabulati provenienti da codici di calcolo, è demandato al progettista il compito di analisi preliminare della documentazione:

> Il progettista dovrà esaminare preliminarmente la documentazione a corredo del software per valutarne l'affidabilità e soprattutto l'idoneità al caso specifico. La documentazione, che sarà fornita dal produttore o dal distributore del software, dovrà contenere una esauriente descrizione delle basi teoriche e degli algoritmi impiegati, l'individuazione dei campi d'impiego, nonchè casi prova interamente risolti e commentati, per i quali dovranno essere forniti i file di input necessari a riprodurre l'elaborazione.

Il presente documento costituisce assieme alle stampe degli esempi documento di validazione dei software prodotti dalla *En.Ex.sys srl*.

Benchmark

Il controllo della affidabilità delle analisi numeriche è stato condotto su una serie di esempi di letteratura la cui soluzione sia esprimibile in forma chiusa, allo scopo di verificare l'affidabilità del software.

Gli esempi condotti, corredati della fonte di riferimento, dei risultati numerici e dei file dati permettono la riproduzione integrale degli stessi da parte degli utenti.

1. Frequenze naturali di vibrazione di una trave appoggiata
2. Frequenze naturali di vibrazione di una trave a mensola
3. Frequenza naturale di vibrazione di un oscillatore semplice
4. Trave piana con estremi incastrati
5. Sistema piano di aste sospese
6. Stato tensionale di una trave inflessa
7. Stato tensionale di una trave inflessa
8. Sistema piano di aste sospese
9. Trave a mensola soggetta a momento torcente concentrato
0. Telaio piano
1. Trave reticolare piana
2. Controllo dell'analisi condotta considerando il comportamento monolatero degli elementi biella - trave
3. Aste piane e carico termico
4. Flessione in una piastra circolare

Test 001 - Frequenze naturali di vibrazione di una trave appoggiata

Documento relativo a:

Giovedì 09 Novembre, 2006 - Benchmark 001

Fonte: Ray, W. Clough, Joseph Penzien - ***Dynamics of Structures***; Mc Graw-Hill Book Company, cap. 18

Tipi di analisi: dinamica modale

Descrizione schema statico: trave a sezione costante isostaticamente vincolata con due appoggi semplici soggetta al solo peso proprio.

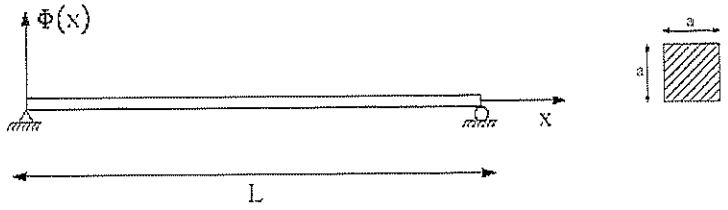


Fig. 1 Schema statico

Obiettivo: determinare i primi tre modi di vibrare.

Dati:

```
E = 2100000 [Kg/cm²]
a = 30 [cm]
L = 10 [m]
Pp = 706.5 [Kg/m]
```

Modello: La trave reale viene modellata con 20 elementi finiti di uguale lunghezza. I nodi di estremità vengono vincolati in modo da lascire libera solo la rotazione Y. Per tutti i nodi restanti si lascia libera la rotazione Y e le traslazioni nel piano XZ.

File dati: Test 001

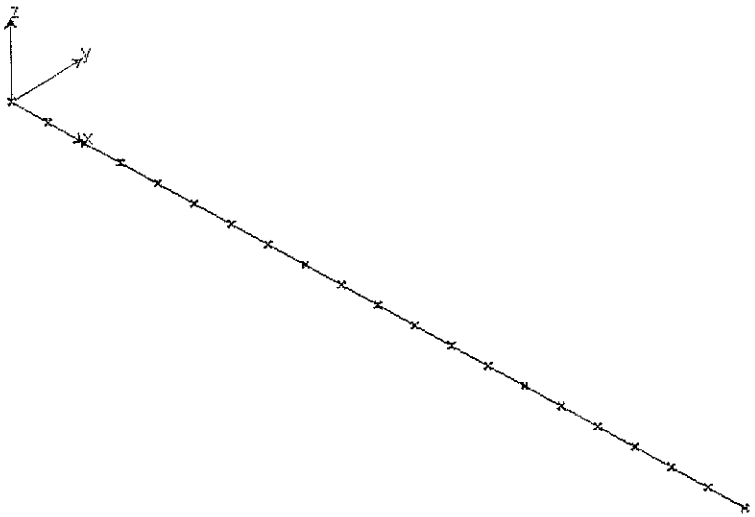


Fig. 2 Modello

Analisi dei risultati:

	Soluzione teorica	WinStrand	rapporto
ω_1 [rad/s]	43.79	43.74	0.999
ω_2 [rad/s]	175.16	174.34	0.995
ω_3 [rad/s]	394.11	389.96	0.990

Fig. 3 Prime tre forme modali

Ulteriori parole di ricerca:

Creazione: Giovedì 09 Novembre, 2006

Test 002 - Frequenze naturali di vibrazione di una trave a mensola

Documento relativo a:

Giovedì 09 Novembre, 2006 - Benchmark 002

Fonte: Ray, W. Clough, Joseph Penzien - ***Dynamics of Structures***; Mc Graw-Hill Book Company, cap. 1

Tipi di analisi: dinamica modale

Descrizione schema statico: trave a sezione costante con un estremo incastrato e l'altro libero soggetta al solo peso proprio.

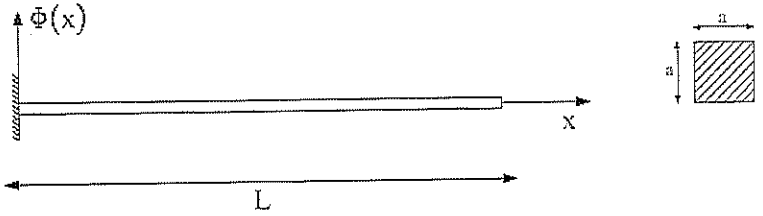


Fig. 1 Schema statico

Obiettivo: determinare i primi tre modi di vibrare.

Dati:

```
E = 2100000 [Kg/cm²]
a = 30 [cm]
L = 10 [m]
Pp = 706.5 [Kg/m]
```

Modello: La trave reale viene modellata con 20 elementi finiti di uguale lunghezza. Il primo nodo di estremità viene vincolato completamente in modo da bloccare tutti i gradi di libertà. Per tutti i nodi restanti si lascia libera la rotazione Y e le traslazioni nel piano XZ.

File dati: Test 002

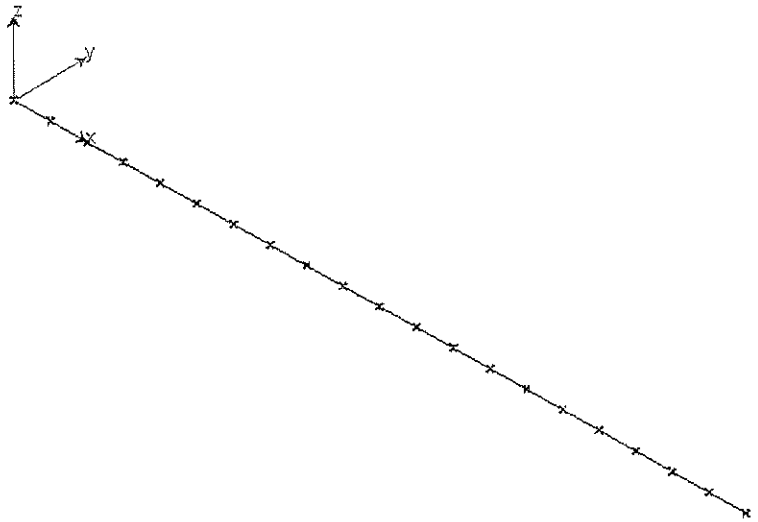


Fig. 2 Modello

Analisi dei risultati:

	Soluzione teorica	WinStrand	rapporto
ω_1 [rad/s]	15.60	15.57	0.998
ω_2 [rad/s]	97.76	97.00	0.992
ω_3 [rad/s]	273.76	269.52	0.985

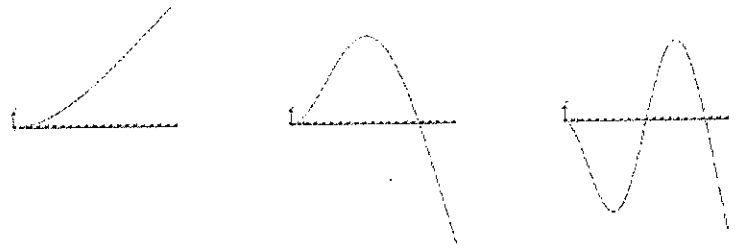


Fig. 3 Prime tre forme modali

Ulteriori parole di ricerca:

Creazione: Giovedì 09 Novembre, 2006

EnExSys InForma Supporto Tecnico

Ultima Revisione: Giovedì 09 Novembre, 2006

Test 003 - Frequenza naturale di vibrazione di un oscillatore semplice

Documento relativo a:

Giovedì 09 Novembre, 2006 - Benchmark 003

Fonte: W. T. Thomson - **Vibrazioni Meccaniche Teoria ed applicazioni**; Tamburini editore Milano

Tipi di analisi: dinamica modale

Descrizione schema statico: sistema dinamico ad un solo grado di libertà formato da una molla con un estremo vincolato connessa nell'altro estremo ad un massa. La molla è considerata priva di massa e con rigidezza K.

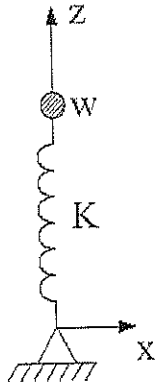


Fig. 1 Schema statico

Obiettivo: determinare il periodo proprio del sistema.

Dati:

```
K = 857.18 [Kg/m]
w = 1.13 [Kg] (2.5 [lb])
g = 9.81 [m/sec²]
```

Modello: Per simulare la molla si è impiegato un elemento pilastro (in direzione Z) con rigidezza assiale EA/L pari a quella della molla. La lunghezza L della molla è arbitraria. Il primo nodo di estremità viene vincolato completamente in modo da bloccare tutti i gradi di libertà. L'estremo opposto ha un solo grado di libertà libero nella direzione di traslazione Z. La massa è modellata con una forza concentrata Pz in testa al pilastro pari a w.

File dati: Test 003

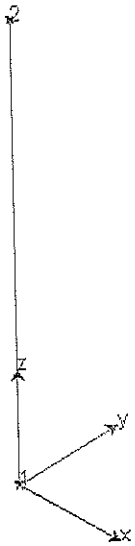


Fig. 2 Modello

Analisi dei risultati:

	Soluzione teorica	WinStrand	rapporto
ω_1 [rad/s]	86.085	86.120	1.0000

Ulteriori parole di ricerca:

Creazione: Giovedì 09 Novembre, 2006

Frequenza naturale di vibrazione di un oscillatore semplice

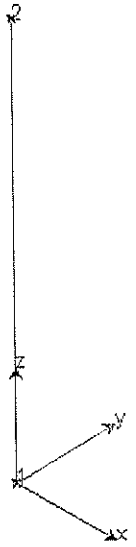


Fig. 2 Modello

Analisi dei risultati:

	Soluzione teorica	WinStrand	rapporto
ω_1 [rad/s]	86.085	86.120	1.0000

Ulteriori parole di ricerca:

Creazione: Giovedì 09 Novembre, 2006

EnExSys InForma Supporto Tecnico Ultima Revisione: Giovedì 09 Novembre, 2006

Test 004 - Trave piana con estremi incastrati

Documento relativo a:

Giovedì 09 Novembre, 2006 - Benchmark 004

Fonte: Timoshenko - Strength of Material, Part I, Elementary Theory and Problems, pag. 26, problem 10

Tipi di analisi: statica lineare

Descrizione schema statico: asta prismatica di sezione costante incastrata agli estremi e soggetta alle azioni assiali F1 ed F2 in corrispondenza di due sezioni intermedie.

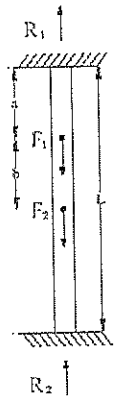


Fig. 1 Schema statico

Obiettivo: determinare le reazioni vincolari R1 ed R2 trascurando il peso delle aste.

Dati:

E = 2068428 [Kg/cm²]

L = 24.5 [m]

a = b = 0.3 L = 7.62 [m]

A = 100 [cm²]

F1 = 2.0 [t]

F2 = 0.45349 [t]

Modello: I nodi vengono inseriti in corrispondenza delle estremità vincolate e dei due punti di applicazione delle forze F1 ed F2.

File dati: Test 004

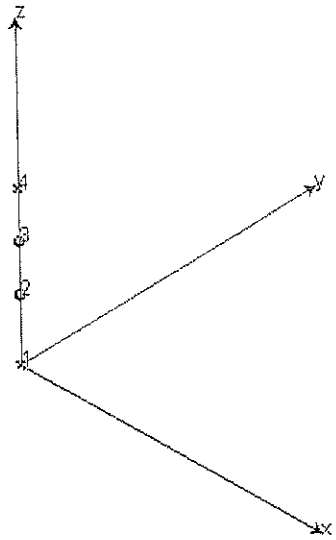


Fig. 2 Modello

Analisi dei risultati:

	Soluzione teorica	WinStrand	rapporto
R_1 [Kg]	408.23	408.23	1.000
R_2 [Kg]	272.15	272.15	1.000

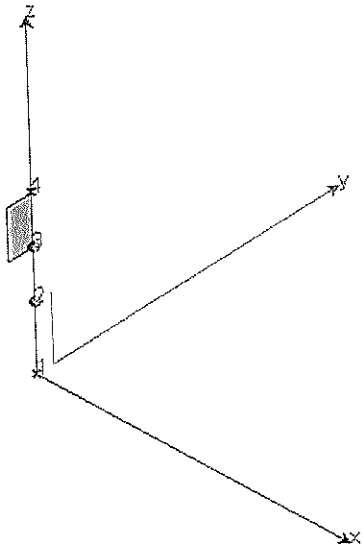


Fig. 3 Diagramma sforzo normale nelle aste: asta 1-2 compressa, asta 3-4 tesa

Ulteriori parole di ricerca:

Creazione: Giovedì 09 Novembre, 2006

EnExSys InForma Supporto Tecnico

Ultima Revisione: Giovedì 09 Novembre, 2006

Test 005 - Sistema piano di aste sospese

Documento relativo a:

Giovedì 09 Novembre, 2006 - Benchmark 005

Fonte: Timoshenko - Strength of Material, Part I, Elementary Theory and Problems, pag. 10, problem 2

Tipi di analisi: statica lineare

Descrizione schema statico: struttura simmetrica costituita da due aste inclinate connesse sull'asse di simmetria e vincolate sulle due estremità rimanenti (vedi Fig. 1). Le aste sono di acciaio con lunghezza L e sezione trasversale pari ad A. Il carico concentrato F agisce sulla sezione di simmetria.

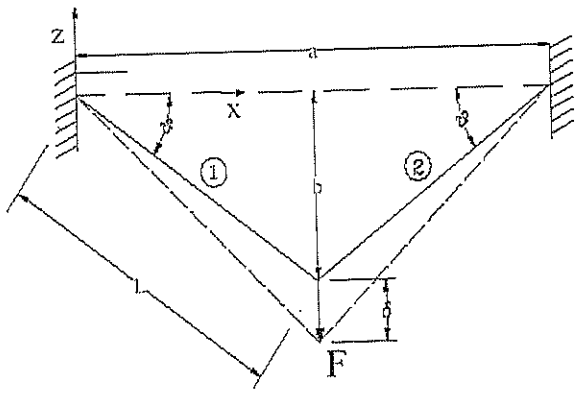


Fig. 1 Schema statico

Obiettivo: determinare il valore della tensione σ in ciascuna delle aste e lo spostamento δ della sezione di simmetria trascurando il peso delle aste.

Dati:

E = 2068428 [Kg/cm²]
L = 457.20 [cm]
θ = 30 [°]
A = 3.23 [cm²]
F = 2267 [kg]

Modello: La distanza tra i nodi di estremità è calcolata pari ad a= 2L cos θ. La freccia con cui posizionare il nodo intermedio vale b= L sin θ.

File dati: Test 005

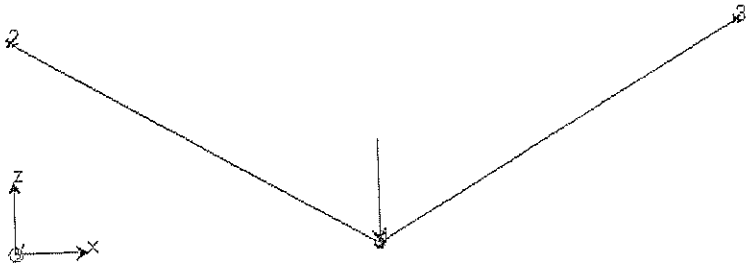


Fig. 2 Modello

Analisi dei risultati:

	Soluzione teorica	WinStrand	rapporto
σ [Kg/cm²]	689.5	701.86	1.018
δ [mm]	3.048	3.103	1.018

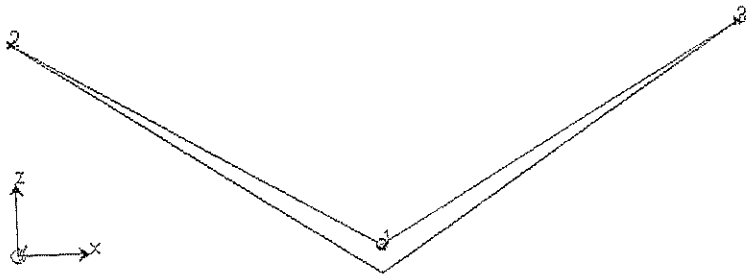


Fig. 3 Deformata

Ulteriori parole di ricerca:

Creazione: Giovedì 09 Novembre, 2006

EnExSys InForma Supporto Tecnico

Ultima Revisione: Giovedì 09 Novembre, 2006

Test 006 - Stato tensionale di una trave inflessa

Documento relativo a:

Giovedì 09 Novembre, 2006 - Benchmark 006

Fonte: Timoshenko - Strength of Material, Part I, Elementary Theory and Problems, pag. 98, problem 4

Tipi di analisi: statica lineare

Descrizione schema statico: trave isostatica di luce L con due sbalzi di luce a soggetti al carico distribuito di intensità w. La trave ha sezione a doppio T con sezione trasversale pari ad A.

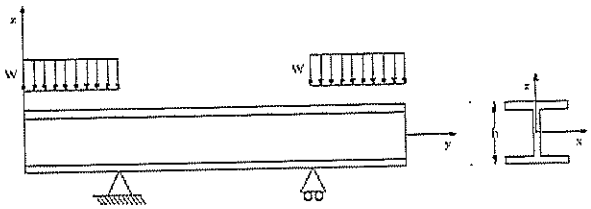


Fig. 1 Schema statico

Obiettivo: determinare nella sezione di mezzeria il valore della tensione σmax e dello spostamento verticale δ trascurando il peso delle aste.

Dati:

```
E = 2068428 [Kg/cm²]
L = 609.6 [cm]
a = 304.8 [cm]
h = 76.2 [cm]
A = 326.77 [cm²]
J = 328468 [cm⁴]
w = 14.88 [t/m]
```

Modello: I due nodi di estremità e quello in posizione mediana sono liberi. Il primo nodo nella posizone del primo vincolo ha un solo grado di libertà libero (rotazione Y) mentre il nodo in corrispondenza del secondo vincolo ha due gradi di libertà (rotazione Y e traslazione X).

File dati: Test 006

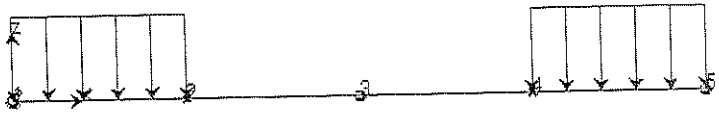


Fig. 2 Modello

Analisi dei risultati:

	Soluzione teorica	WinStrand	rapporto
σ [cm²]	786	802	1.020
δ [mm]	4.620	4.725	1.023

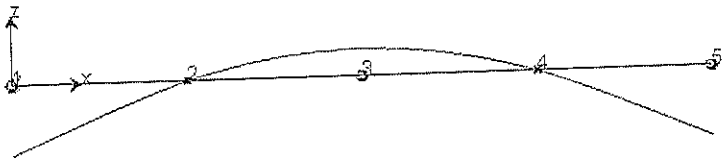


Fig. 3 Deformata

Ulteriori parole di ricerca:

Creazione: Giovedì 09 Novembre, 2006

Stato tensionale di una trave inflessa

Test 007 - Stato tensionale di una trave inflessa

Documento relativo a:

Giovedì 09 Novembre, 2006 - Benchmark 007

Fonte: Cremonesi - Manuale Ingegneria Civile, ESAC, SEZ. I, pag. 82

Tipi di analisi: statica lineare

Descrizione schema statico: trave con incastro sul primo estremo e carrello sull'estremo opposto. La trave con sezione trasversale circolare con diametro d e luce L è soggetta al carico uniformemente distribuito q su tutta la campata.

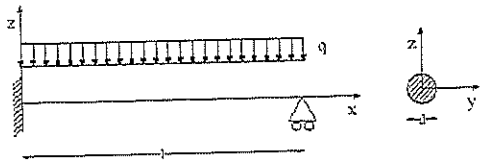


Fig. 1 Schema statico

Obiettivo: determinare nella sezione incastrata il valore del momento flettente Ma e nella sezione opposta il valore del taglio Vb. Si trascura il peso delle aste.

Dati:

```
E = 2068428 [Kg/cm²]
L = 50.8 [cm]
d = 3.81 [cm]
q = 1.784 [t/m]
```

Modello: La trave viene modellata con due aste in serie. Il nodo sulla prima estremità viene incastrato (zero gradi di libertà), quello in posizione mediana è totalmente libero, il nodo sull'estremità opposta ha due gradi di libertà liberi(rotazione Y e traslazione X).

File dati: Test 007

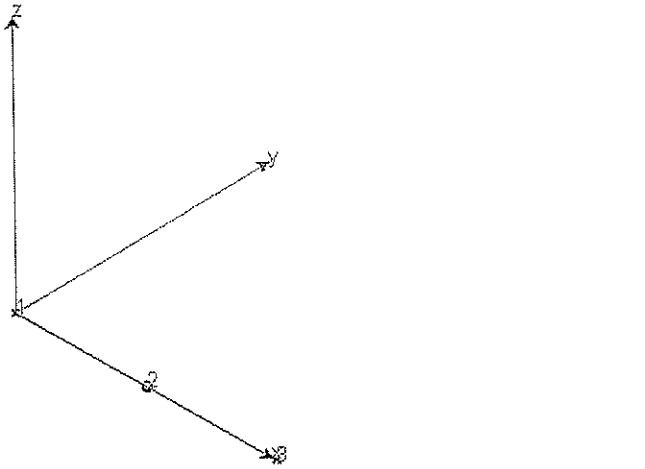


Fig. 2 Modello

Analisi dei risultati:

	Soluzione teorica	WinStrand	rapporto
Ma [tm]	0.057	0.057	1.000
Vb [Kg]	340.19	340.17	1.000

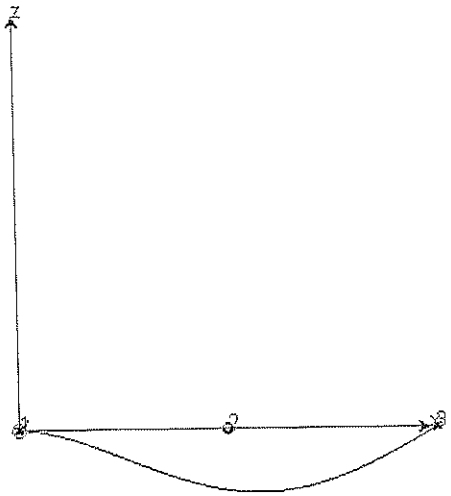


Fig. 3 Deformata

Ulteriori parole di ricerca:

Creazione: Giovedì 09 Novembre, 2006

EnExSys InForma Supporto Tecnico

Ultima Revisione: Giovedì 09 Novembre, 2006

Test 008 - Sistema piano di aste sospese

Documento relativo a:

Giovedì 09 Novembre, 2006 - Benchmark 008

Fonte: W. Nash, Strength of Material, pag. 28, prob. 2.3

Tipi di analisi: statica lineare

Descrizione schema statico: una barra orizzontale infinitamente rigida, caricata con due forze concentrate F, è sospesa in tre punti con le aste verticali descritte in Fig. 1. Le due aste più esterne sono in acciaio mentre quella intermedia è in rame. Nel punto di sospensione le tre aste sono incastrate.

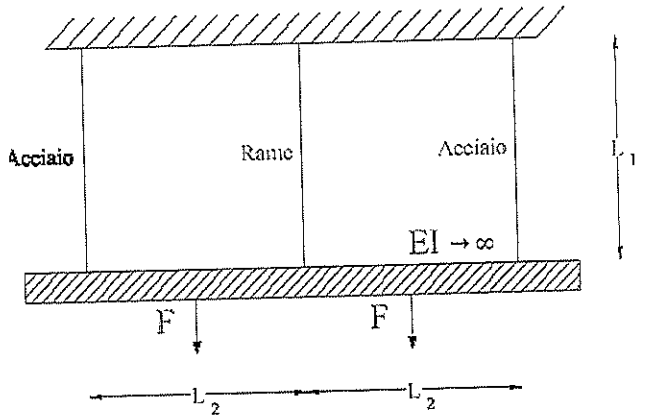


Fig. 1 Schema statico

Obiettivo: determinare lo sforzo assiale in ciascuna delle tre aste. Si trascura il peso delle aste.

Dati:

```
E.acc = 2068428 [Kg/cm²]
E.rame = 1172110 [Kg/cm²]
L1 = 213.36 [cm]
L2 = 304.80 [cm]
A.acc = 3.2258 [cm²]
A.rame = 9.6774 [cm²]
F = 5.44 [t]
```

Modello: Il sistema simmetrico è descritto con 8 nodi di cui 3 nei punti di sospensione delle aste verticali, 3 nelle intersezioni delle aste verticali con la barra orizzontale e 2 nei punti di applicazione dei carichi F. Tra i suddetti nodi si connettono 7 aste con le relative caratteristiche. I tre nodi di sospensione sono completamente vincolati (zero gradi di libertà). Tutti gli altri nodi posso spostarsi nel piano X-Z e ruotare intorno ad Y. La barra infinitamente rigida è simulata assegnando un modulo elastico di quattro ordini di grandezza maggiore rispetto agli altri.

File dati: Test 008

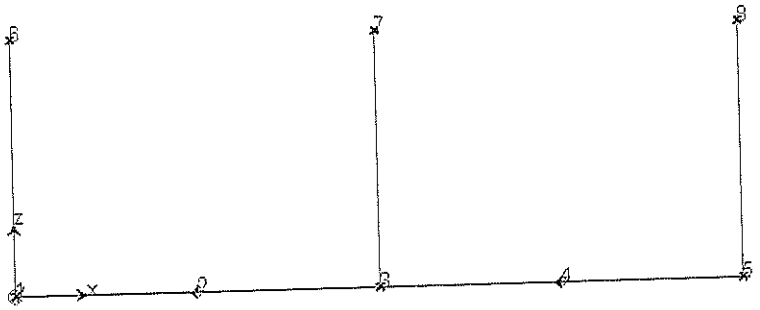


Fig. 2 Modello

Analisi dei risultati:

	Soluzione teorica	WinStrand	rapporto
R6=R8 [t]	2.94	2.99	1.017
R7 [t]	4.98	4.90	0.984

R5, R6 ed R7 sono le reazioni verticali nei rispettivi nodi. Tali valori eguagliano gli sforzi normali nelle corrispondenti aste.

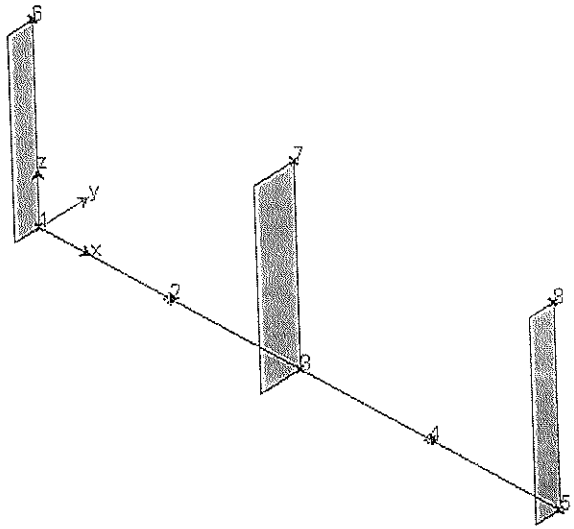


Fig. 3 Diagrammi degli sforzi normali

Ulteriori parole di ricerca:

Creazione: Giovedì 09 Novembre, 2006

EnExSys InForma Supporto Tecnico

Ultima Revisione: Giovedì 09 Novembre, 2006

Test 009 - Trave a mensola soggetta a momento torcente concentrato

Documento relativo a:

Giovedì 09 Novembre, 2006 - Benchmark 009

Fonte: NAFEMS, Background to Benchmarks, 1993, test LE5

Tipi di analisi: statica lineare

Descrizione schema statico: trave con incastro sul primo estremo e libera sull'estremo opposto. La trave con sezione trasversale a Z di spessore t e luce L è soggetta in corrispondenza della sezione sull'estremità libera ad una coppia torcente generato dalla presenza di due forze di taglio S concentrate sulle ali.

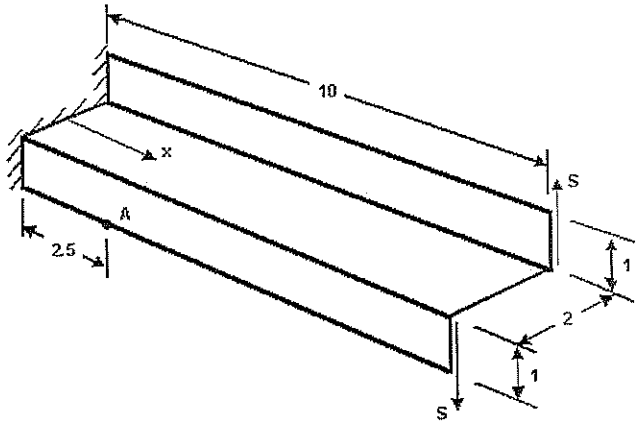


Fig. 1 Schema statico

Obiettivo: determinare nel punto A la tensione normale σx nella sezione trasversale condotta in x=2,5 m dall'incastro. Si trascura il peso della trave.

Dati:

```
E = 2100000 [Kg/cm²]
ν = 0.3
L = 10 [m]
t = 0.1 [m]
S = 0.6 [MN]
```

Modello: La trave viene modellata con una mesh uniforme di 24 elementi piani connessi a 36 nodi. I nodi per x=0 sono tutti incastrati (zero gradi di libertà) mentre i rimanenti risultano totalmente liberi.

File dati: Test 009

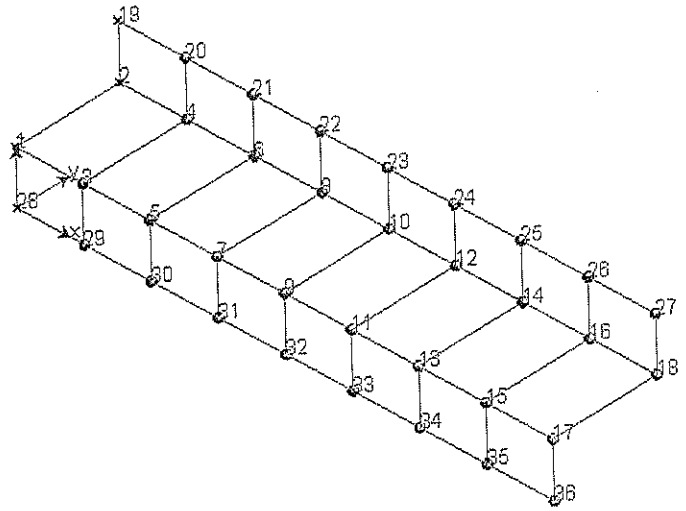


Fig. 2 Modello

Analisi dei risultati:

	Soluzione teorica	WinStrand	rapporto
σx [MPa]	107.9	103.8	0.962

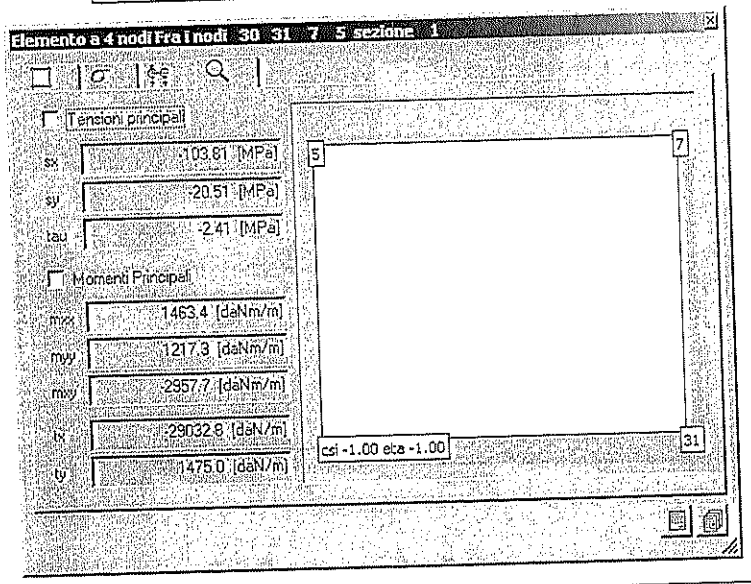


Fig. 3 Il valore puntuale nel nodo 30

Ulteriori parole di ricerca:

Creazione: Giovedì 09 Novembre, 2006

Test 010 - Telaio piano

Documento relativo a:

Giovedì 09 Novembre, 2006 - Benchmark 010

Fonte: Timoshenko, Strength of Material, Part I, Elementary Theory and Problems, pag. 188

Tipi di analisi: statica lineare

Descrizione schema statico: Portale incastrato alla base dei ritti e caricato nella mezzeria del traverso con un carico concentrato P. Lo schema è staticamente indeterminato.

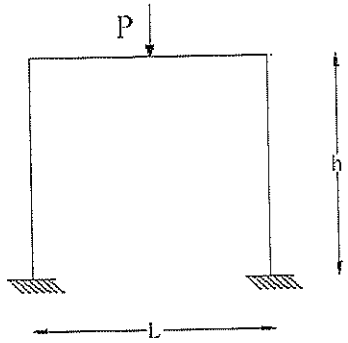


Fig. 1 Schema statico

Obiettivo: determinare le reazioni verticali alla base dei ritti. Si trascura il peso delle aste.

Dati:

```
E = 2068428 [Kg/cm²]
L = 3.04 [m]
h = 2.54 [m]
A.rit = 25.80 [cm²]
A.trav = 51.61 [cm²]
P = 0.45 [t]
```

Modello: I due nodi alla base del portale vengono vincolati in modo da lasciare libera solo la rotazione Z. I nodi rimanenti sono completamente liberi. Il carico P viene applicato al nodo inserito in mezzeria del traverso.

File dati: Test 010

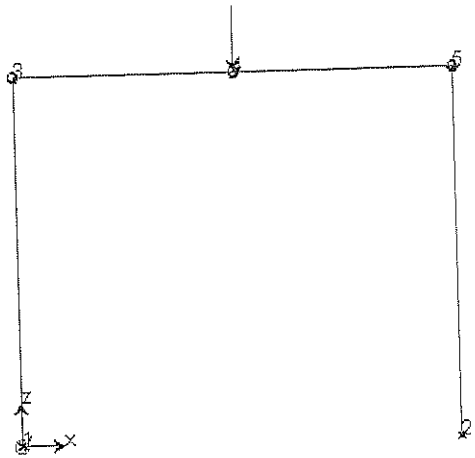


Fig. 2 Modello

Analisi dei risultati:

	Soluzione teorica	WinStrand	rapporto
R1 = R2 [t]	0.225	0.225	1.000

Ulteriori parole di ricerca:

Creazione: Giovedì 09 Novembre, 2006

EnExSys InForma Supporto Tecnico

Ultima Revisione: Giovedì 09 Novembre, 2006

Test 011 - Trave reticolare piana

Documento relativo a:

Giovedì 09 Novembre, 2006 - Benchmark 011

Fonte: Timoshenko, Strength of Material, Part I, Elementary Theory and Problems, pag. 188

Tipi di analisi: statica lineare

Descrizione schema statico: La trave reticolare piana è formata da 9 aste di legno ed è vincolata esternamente con una cerniera ed un carrello. I vincoli interni tra le aste sono cerniere. La struttura è soggetta ai carichi esterni Pz e Px.

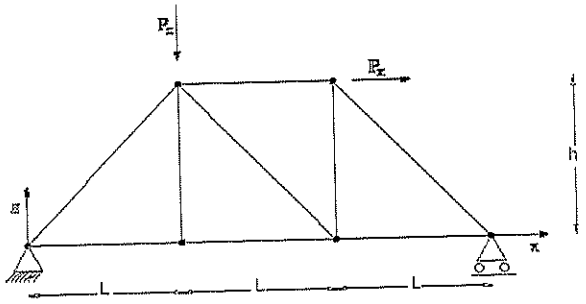


Fig. 1 Schema statico

Obiettivo: determinare gli spostamenti nodali associati alla configurazione di carico assegnata. Si trascura il peso delle aste.

Dati:

```
E = 141900 [Kg/cm²]
L = 6.096 [m]
h = 4.572 [m]
A = 929.03 [cm²]
Px = 8.90 [t]
Pz = 4.45 [t]
```

Modello: il nodo 1 ha un solo grado di libertà libero (rotazione Y). Il nodo 4 ha due gradi di libertà liberi (rotazione Y e traslazione X). I nodi rimanenti sono vincolati a spostarsi nel piano X-Z (Ux, Uz, Ry liberi).

File dati: Test 011

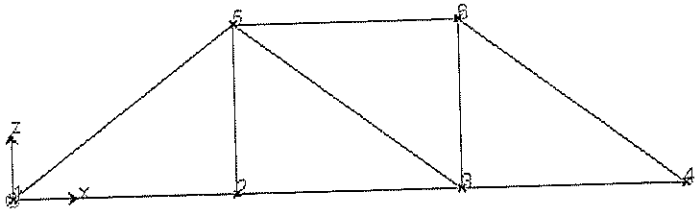


Fig. 2 Modello

Analisi dei risultati:

Ux nodo	Soluzione teorica	WinStrand	rapporto
1 [mm]	0.00	0.00	1.000
2 [mm]	0.45	0.46	1.022
3 [mm]	0.90	0.91	1.011
4 [mm]	1.12	1.14	1.018
5 [mm]	0.91	0.92	1.011
6 [mm]	1.09	1.11	1.018

Tab. 1 Spostamenti Ux

Uz nodo	Soluzione teorica	WinStrand	rapporto
1 [mm]	0.00	0.00	1.000
2 [mm]	-1.33	-1.35	1.015
3 [mm]	-0.76	-0.77	1.013
4 [mm]	0.00	0.00	1.000
5 [mm]	-1.33	-1.35	1.015
6 [mm]	-0.63	-0.64	1.016

Tab. 2 Spostamenti Uz

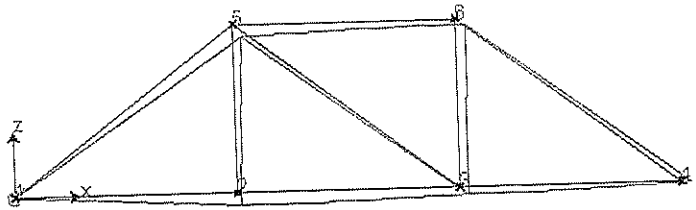


Fig. 3 Deformata

Ulteriori parole di ricerca:

Creazione: Giovedì 09 Novembre, 2006

EnExSys InForma Supporto Tecnico

Ultima Revisione: Giovedì 09 Novembre, 2006

Test 012 - Controllo dell'analisi condotta considerando il comportamento monolatero degli elementi biella - trave

Documento relativo a:

Giovedì 09 Novembre, 2006 - Benchmark 012

Fonte: Test interno EnExSys

Tipi di analisi: statica non lineare (effetti dovuti al comportamento monolatero delle aste)

Descrizione schema statico: Trave reticolare tipo Monier vincolata isostaticamente esternamente e soggetta a 10 kN per ogni nodo del corrente superiore.

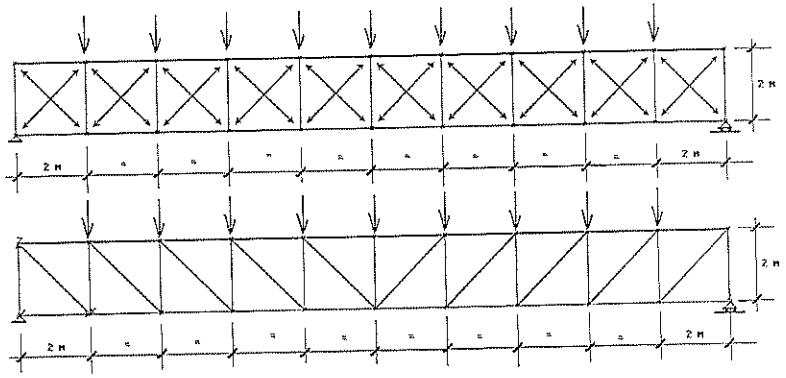


Fig. 1 Schema statico

Obiettivo: Confrontare i risultati ottenuti nei due schemi statici: controllare che i risultati ottenuti in una struttura staticamente determinata ed in una iperstatica coincidano.

Dati:

```
E = 2100000 [Kg/cm²]
Area correnti estradosso = 45.33 [cm²]
Area correnti intradosso = 45.33 [cm²]
Area diagonali = 38.85 [cm²]
Area montanti = 38.85 [cm²]
Carico nodali applicato = 10 [KN] nodo per un totale di 90 [KN]
```

Modello: La trave reale viene modellata con elementi finiti tipo biella. Le travi sono vincolate a muoversi nel piano x-z globale e sono esternamente isostatiche (nodo in basso a sinistra vincolato alla traslazione globalmente e nodo in basso a destra libero di spostrsi solo in direzione X).

File dati: Test 012

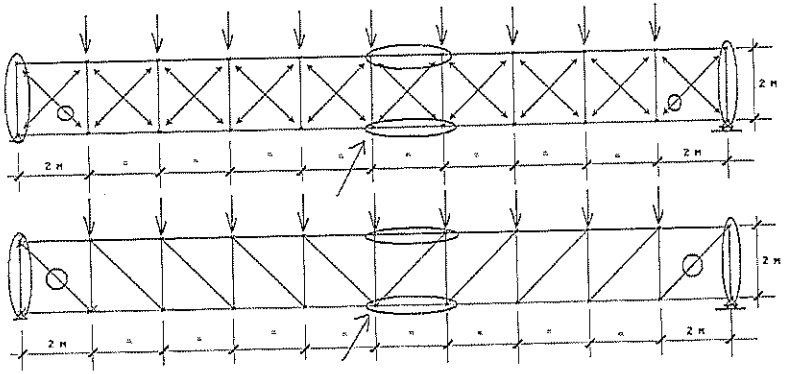


Fig. 2 Modello

Analisi dei risultati:

Soluzione teorica (semplice modello isostatico):

Reazione vincolare, sforzo nel primo montante: (9 x 10kN / 2) = 45 [kN]

Sforzo assiale in un corrente in mezzeria: (10 x 45 - 8 x 10 - 6 x 10 - 4 x 10 - 2 x 10) / 2 = 125 [kN]

Sforzo nel primo diagonale: 45/cos(45°) = 63.639 [kN]

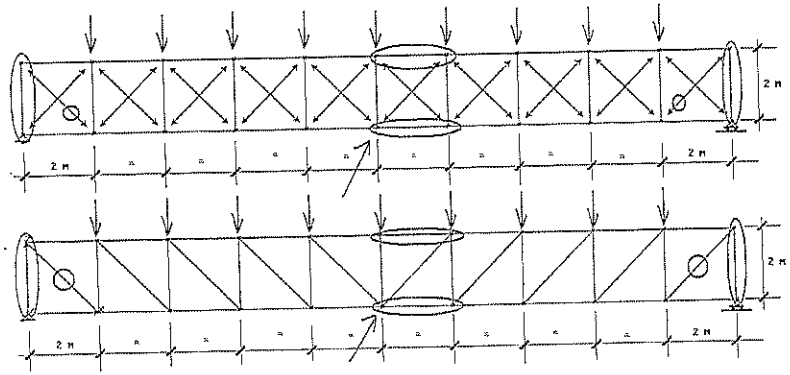


Fig. 3 Aste oggetto del confronto

Sforzo assiale	Soluzione teorica	WinStrand Modello Isostatico	WinStrand Modello Iperstatico	rapporto
Nell'asta centrale del corrente superiore [kN]	125	125	125	1
Nell'asta centrale del corrente inferiore [kN]	125	125	125	1
Nel primo montante a sinistra [kN]	45	45	45	1
Nel primo montante a destra [kN]	45	45	45	1
Nel primo diagonale a sinistra [kN]	63.639	63.639	63.639	1
Nel primo diagonale a destra [kN]	63.639	63.639	63.639	1
Spostamento del nodo centrale [mm]	-6.786	-6.786	-6.786	1

Controllo dell'analisi condotta considerando il comportamento monolatero degli ele...

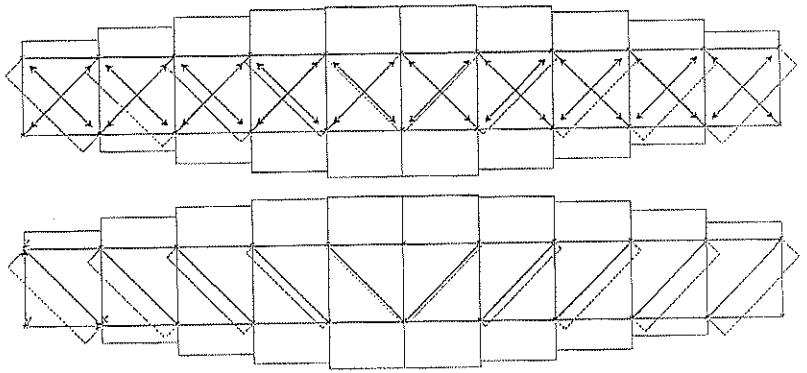


Fig. 4 Diagramma dello sforzo assiale

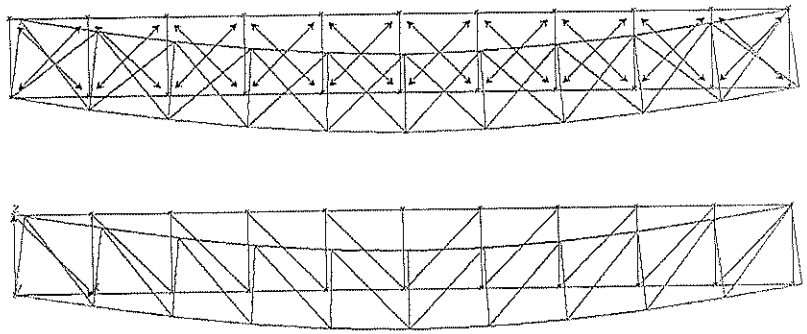


Fig. 5 Deformata

Ulteriori parole di ricerca:

Creazione: Giovedì 09 Novembre, 2006

Test 013 - Aste piane e carico termico

Documento relativo a:

Giovedì 09 Novembre, 2006 - Benchmark 013

Fonte: R. D. Cook, D. S. Malkus, M.E. Plesha, Concepts and applications of finite element analysis, III ed., J. Wiley & Sons, pag. 57

Tipi di analisi: statica lineare

Descrizione schema statico: Tre aste uguali in serie formano un sistema incastrato alle estremità con luce pari a 3L. Solo le prime due aste sono soggette ad una variazione termica uniforme DT.

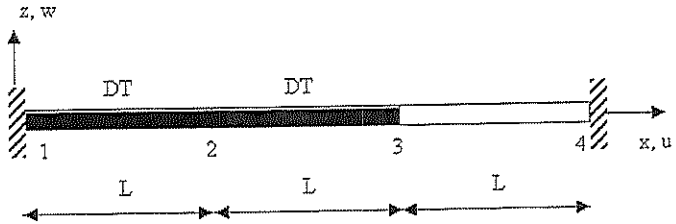


Fig. 1 Schema statico

Obiettivo: determinare lo spostamento orizzontale della sezione 3 e lo sforzo assiale N_{12}, N_{23}, N_{34} in ciascuna delle tre aste.

Dati:

```
E = 2100000 [Kg/cm²]
ν = 0.33
L = 100 [cm]
A = 25 [cm²]
α = 0.000012 [1/°C]
DT = 833.333 [°C]
```

Modello: I nodi 1 e 4 sono incastrati (zero gradi di libertà) mentre gli altri intermedi risultano totalmente liberi. Il carico termico è applicato alle aste 1-2 e 2-3.

File dati: Test 013

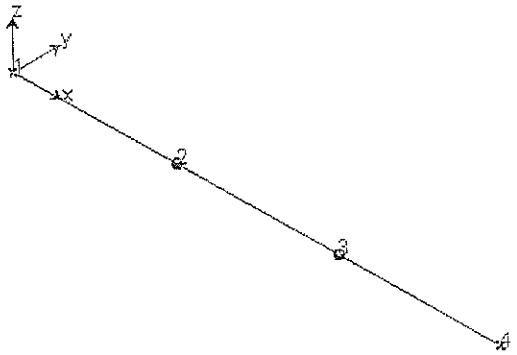


Fig. 2 Modello

Analisi dei risultati:

Sforzo assiale	Soluzione teorica	WinStrand	rapporto
u3 [cm]	2/3	0.67	1.000
N_{12}, N_{23}, N_{34} [t]	350.0	350.0	1.000

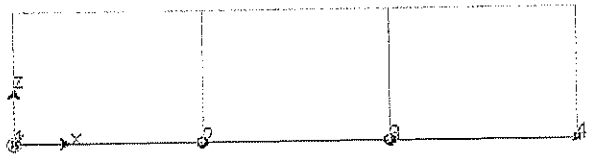


Fig. 3 Diagramma sforzo normale nelle aste.

Ulteriori parole di ricerca:

Creazione: Giovedì 09 Novembre, 2006

EnExSys InForma Supporto Tecnico

Ultima Revisione: Giovedì 09 Novembre, 2006

Test 014 - Flessione in una piastra circolare

Documento relativo a:

Giovedì 09 Novembre, 2006 - Benchmark 014

Fonte: Cremonesi - Manuale Ingegneria Civile, ESAC, SEZ. II, pag. 114

Tipi di analisi: statica lineare

Descrizione schema statico: Piastra circolare sottile di raggio a e spessore t soggetta a diverse condizioni di vincolo sul contorno e di carico.

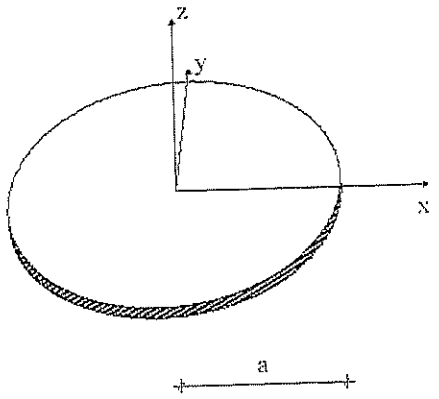


Fig. 1 Schema statico

Obiettivo: determinare l'abbassamento w del centro della piastra, trascurando il peso della piastra, nei sequenti casi:

a. carico uniformemente distribuito q_0 su tutta la piastra e contorno incastrato;
b. carico concentrato P applicato nel centro della piastra e contorno incastrato;
c. carico uniformemente distribuito q_0 su tutta la piastra e contorno appoggiato.

Dati:

E = 2100000 [Kg/cm²]
ν = 0.3
a = 1.50 [m]
t = 3 [cm]
q_0 = 10 [t/m²]
P = 2 [t]

Modello: La piastra viene modellata nei tre casi sempre nello stesso modo e cioè con una mesh di elementi piani a 4 nodi. Nella direzione radiale sono presenti 8 intervalli mentre lungo il perimetro sono presenti 20 intervalli per un totale di 150 elementi finiti.

File dati: Test 014 A, Test 014 B, Test 014 C

Flessione in una piastra circolare

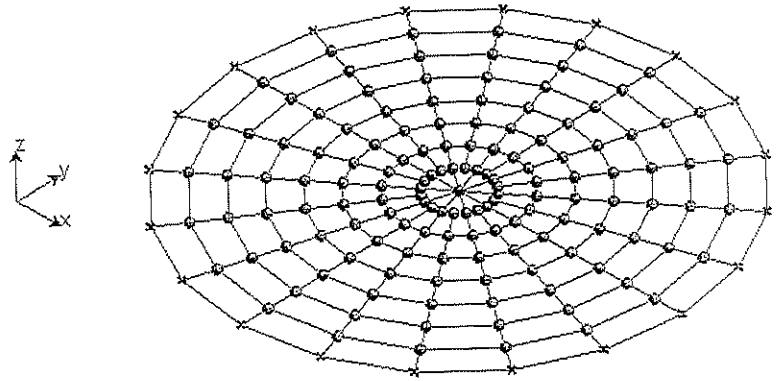


Fig. 2 Modello

Caso A - carico uniformemente distribuito q_0 su tutta la piastra e contorno incastrato



Fig. 3 Schema del caso A

Analisi dei risultati:

	Soluzione teorica	WinStrand	rapporto
w [mm]	15.20	15.25	1.003

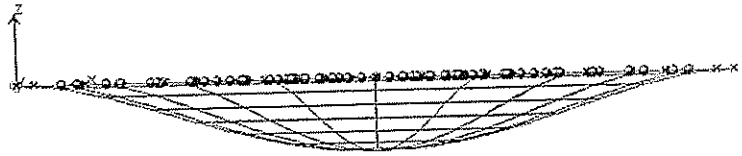


Fig. 4 Deformata del caso A

Caso B - carico concentrato P applicato nel centro della piastra e contorno incastrato

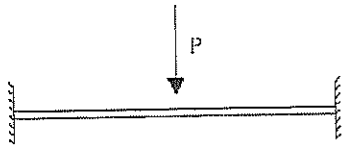


Fig. 5 Schema del caso B

Analisi dei risultati:

	Soluzione teorica	WinStrand	rapporto
w [mm]	1.725	1.722	0.998

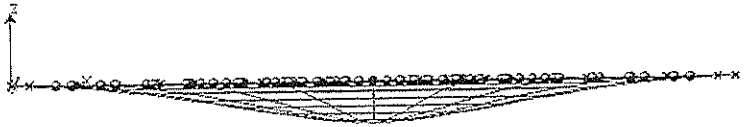


Fig. 6 Deformata del caso B

Caso C - carico uniformemente distribuito q_0 su tutta la piastra e contorno appoggiato

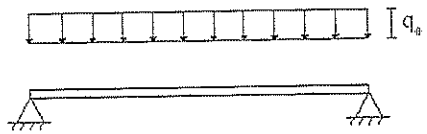


Fig. 7 Schema del caso C

Analisi dei risultati:

	Soluzione teorica	WinStrand	rapporto
w [mm]	61.96	61.88	0.999

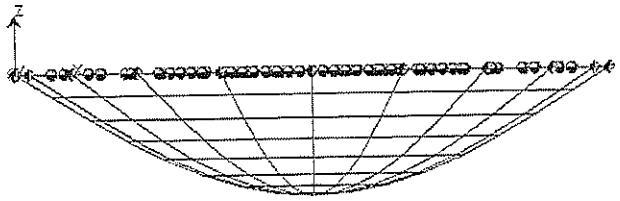


Fig. 8 Deformata del caso C

TETTOIA

- En.Ex.Sys. WinStrand

- Structural Analisys & Design

Ditta produttrice:
En.Ex.Sys. s.r.l. - Via Tizzano 46/2 - Casalecchio di Reno (Bologna)

Sigla:
WinStrand

Piattaforma software:
Microsoft Windows XP Home, Microsoft Windows XP Home Professional

Documentazione in uso:
Manuale teorico - Manuale d'uso

Campo di applicazione:
Analisi statica e dinamica di strutture in campo elastico lineare.

- Elementi finiti implementati

- Truss.
- Beam (Modellazione di Travi e Pilastri).
- Travi su suolo elastico alla Winckler.
- Plinti su suolo elastico alla Winckler.
- Elementi Shear Wall per la modellazione di pareti di taglio.
- Elementi shell (lastra/piastra) equivalenti.
- Elementi Isoparametrici a 8 Nodi Shell (lastra/piastra).

- Schemi di Carico

- Carichi nodali concentrati.
- Carichi applicati direttamente agli elementi.
- Carichi Superficiali.

- Tipo di Risoluzione

- Analisi statica e/o dinamica in campo lineare con il metodo dell'equilibrio.
- Fattorizzazione LDL^T.
- Analisi Statica:
  - modellazione generale 6 gradi di libertà per nodo.
  - ipotesi di solai infinitamente rigidi nel proprio piano (3 gradi di libertà per nodo + 3 per impalcato).
- Analisi dinamica. (Nel caso di analisi modale gli autovettori ed autovalori possono essere calcolati mediante *subspace iteration* oppure tramite il *metodo dei vettori di Ritz*):
  - Via statica equivalente.
  - Modale con il metodo dello spettro di risposta.

- Normativa di riferimento

La normativa italiana cui viene fatto riferimento nelle fasi di calcolo e progettazione è la seguente:

- Legge n. 1086 del 5 Novembre 1971. *"Norme per la disciplina delle opere di conglomerato cementizio armato, normale e precompresso, ed a struttura metallica".*
- Legge n. 64 del 2 Febbraio 1974. *"Provvedimenti per le costruzioni con particolari prescrizioni per le zone sismiche".*
- D.M. del 3 Marzo 1975. *"Approvazione delle norme tecniche per le costruzioni in zone sismiche".*
- D.M. del 3 Marzo 1975. *"Disposizioni concernenti l'applicazione delle norme tecniche per le costruzioni in zone sismiche".*
- D.M. del 3 Ottobre 1978. *"Criteri generali per la verifica della sicurezza delle costruzioni e dei carichi e sovraccarichi".*
- D.M. del 14 Febbraio 1992. *"Norme Tecniche per l'esecuzione delle opere in C.A. normale e precompresso e per le strutture metalliche".*

- *Istruzioni per la valutazione delle: Azioni sulle Costruzioni.* (C.N.R. 10012/85)
- D.M. del 9 Gennaio 1996. *"Norme Tecniche per il calcolo, l'esecuzione ed il collaudo delle strutture in cemento armato, normale e precompresso e per le strutture metalliche".*
- D.M. del 16 Gennaio 1996. *"Norme tecniche relative ai «Criteri generali per la verifica di sicurezza delle costruzioni e dei carichi e sovraccarichi»".*
- D.M del 16 Gennaio 1996. *"Norme tecniche per le costruzioni in zone sismiche"*
- Ordinanza n. 3274 del 20 Marzo 2003. *"Primi elementi in materia di criteri generali per la classificazione sismica del territorio nazionale e di normative tecniche per le costruzioni in zona sismica"*
- Ordinanza n. 3316. *"Modifiche ed integrazioni all'ordinanza del Presidente del Consiglio dei Ministri n. 3274 del 20 Marzo 2003"*
- D.M. del 14 Gennaio 2008 *"Approvazione delle nuove norme tecniche per le costruzioni"*

Progetto ..... : *OFFICINA_TETTOIA*

Committente ..... : *AMT VERONA*

- Indice

- Dati relativi ai nodi della struttura
- Dati relativi ai solai della struttura
- Elementi tipo pilastro
- Elementi tipo trave
- Condizioni e combinazioni di carico
- Carichi e coppie applicati ai nodi
- Carichi e coppie applicati ai solai
- Dati relativi alle aree di carico
- Carichi applicati agli elementi
- Analisi dinamica
- Spostamenti nodali
- Sollecitazioni nei pilastri

- Dati relativi ai nodi della struttura

- Convenzioni adottate

La terna di riferimento generale è destrorsa.

I nodi vengono numerati, con riferimento a una sezione orizzontale, da sinistra a destra, dal basso verso l'alto e per quote crescenti.

L'impalcato di appartenenza di un nodo è definito, in generale, dalla prima delle tre cifre che ne definiscono il numero, possono tuttavia presentarsi casi in cui si hanno più di 100 nodi per solaio nel qual caso il solaio di appartenenza è specificato dall'ultimo valore stampato nella riga dei dati relativi al nodo.

La maschera dei vincoli è costituita dai valori 0 e 1. Il valore 1 indica che per il nodo in riferimento il grado di libertà correlativo è soppresso mentre il valore 0 indica che è libero.

Nel caso di edifici civili multipiano l'asse *z* generale coincide con l'asse verticale rivolto verso l'alto.

- Nodi

Nodo	x [m]	y [m]	z [m]	Ux	Uy	Uz	Rx	Ry	Rz	Solaio
1	0.00	0.00	0.00	1	1	1	1	1	1	0
2	12.00	0.00	0.00	1	1	1	1	1	1	0
3	24.00	0.00	0.00	1	1	1	1	1	1	0
4	36.00	0.00	0.00	1	1	1	1	1	1	0
5	0.00	16.27	0.00	1	1	1	1	1	1	0
6	12.00	16.27	0.00	1	1	1	1	1	1	0
7	24.00	16.27	0.00	1	1	1	1	1	1	0
8	36.00	16.27	0.00	1	1	1	1	1	1	0
9	0.00	32.53	0.00	1	1	1	1	1	1	0
10	12.00	32.53	0.00	1	1	1	1	1	1	0
11	24.00	32.53	0.00	1	1	1	1	1	1	0
12	36.00	32.53	0.00	1	1	1	1	1	1	0

13	0.00	48.80	0.00	1	1	1	1	1	1	0
14	12.00	48.80	0.00	1	1	1	1	1	1	0
15	24.00	48.80	0.00	1	1	1	1	1	1	0
16	36.00	48.80	0.00	1	1	1	1	1	1	0
101	0.00	0.00	8.60	0	0	0	1	1	0	1
102	12.00	0.00	8.60	0	0	0	1	1	0	1
103	24.00	0.00	8.60	0	0	0	1	1	0	1
104	36.00	0.00	8.60	0	0	0	1	1	0	1
105	0.00	16.27	8.60	0	0	0	1	1	0	1
106	12.00	16.27	8.60	0	0	0	1	1	0	1
107	24.00	16.27	8.60	0	0	0	1	1	0	1
108	36.00	16.27	8.60	0	0	0	1	1	0	1
109	0.00	32.53	8.60	0	0	0	1	1	0	1
110	12.00	32.53	8.60	0	0	0	1	1	0	1
111	24.00	32.53	8.60	0	0	0	1	1	0	1
112	36.00	32.53	8.60	0	0	0	1	1	0	1
113	0.00	48.80	8.60	0	0	0	1	1	0	1
114	12.00	48.80	8.60	0	0	0	1	1	0	1
115	24.00	48.80	8.60	0	0	0	1	1	0	1
116	36.00	48.80	8.60	0	0	0	1	1	0	1
10000	24.00	48.80	208.60	1	1	1	1	1	1	0
10001	24.00	32.53	208.60	1	1	1	1	1	1	0
10002	24.00	16.27	208.60	1	1	1	1	1	1	0
10003	36.00	16.27	208.60	1	1	1	1	1	1	0
10004	36.00	32.53	208.60	1	1	1	1	1	1	0
10005	36.00	211.80	0.00	1	1	1	1	1	1	0
10006	36.00	211.80	0.00	1	1	1	1	1	1	0
10007	36.00	211.80	0.00	1	1	1	1	1	1	0
10008	36.00	211.80	0.00	1	1	1	1	1	1	0
10009	9.35	16.27	208.60	1	1	1	1	1	1	0
10010	9.35	32.53	208.60	1	1	1	1	1	1	0
10011	9.35	48.80	208.60	1	1	1	1	1	1	0
10012	24.00	211.80	0.00	1	1	1	1	1	1	0
10013	24.00	211.80	0.00	1	1	1	1	1	1	0
10014	24.00	211.80	0.00	1	1	1	1	1	1	0
10015	-2.65	16.27	208.60	1	1	1	1	1	1	0
10016	-2.65	32.53	208.60	1	1	1	1	1	1	0
10017	-2.65	48.80	208.60	1	1	1	1	1	1	0
10018	12.00	211.80	0.00	1	1	1	1	1	1	0
10019	12.00	211.80	0.00	1	1	1	1	1	1	0
10020	12.00	211.80	0.00	1	1	1	1	1	1	0
10021	62.65	0.00	208.60	1	1	1	1	1	1	0
10022	0.00	32.53	208.60	1	1	1	1	1	1	0
10023	0.00	211.80	0.00	1	1	1	1	1	1	0

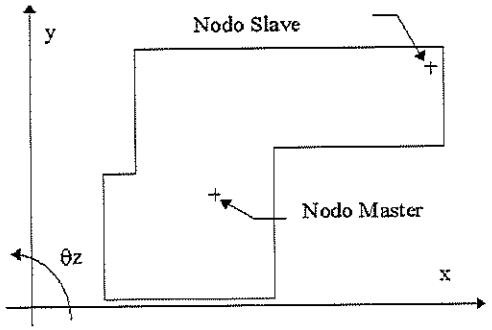
- Dati relativi ai solai della struttura

- Convenzioni adottate

Nel seguito con la dizione *solai* **non** sono individuati i solai che effetivamente verranno realizzati nella struttura bensì gli orizzonatamenti ai quali appartengono nodi per i quali vale l'ipotesi di impalcato infinitamente rigido.

Seguendo tale ipotesi di calcolo, le componenti di spostamento del singolo nodo di impalcato vengono in parte riferite a quelle di un nodo *master*, solitamente coincidente con il centro di massa dell'impalcato. In particolare le componenti di spostamento nodale sono così definite:

Componente di spostamento	espressa da
U_x	$U_{xMaster} - \theta_{zMaster} \times (Y_{Master} - Y_{Nodo})$
U_y	$U_{yMaster} + \theta_{zMaster} \times (X_{Master} - X_{Nodo})$
U_z	U_{zNodo}
θ_x	θ_{xNodo}
θ_y	θ_{yNodo}
θ_z	$\theta_{zMaster}$



Solaio	x [m]	y [m]	z [m]	Massa [UTM]	Jpolare [UTM m²]
1	16.84	24.40	8.60	143329.6	54329580.0

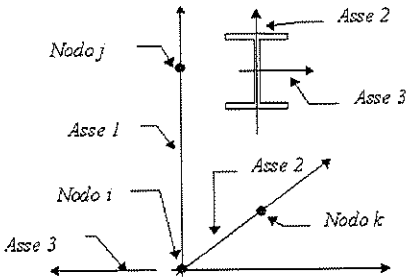
- Elementi tipo pilastro

- Convenzioni adottate

Ogni elemento tipo pilastro viene identificato da:

- Il nodo iniziale **i**;
- Il nodo finale **j**;
- Il nodo **k** che definisce l'orientamento nello spazio della terna riferimento locale dell'elemento.

La terna di riferimento locale del pilastro risulta quindi essere così disposta:



Sistema di riferimento locale

Vengono riportati i valori di efficacia dei vincoli flessionali alle estremità dell'elemento (variabili fra lo **0%** e il **100%**), nei due piani **1-2** e **1-3** del pilastro in corrispondenza dei nodi, dando quindi la possibilità di considerare aste non perfettamente incastrate alle estremità (coefficienti **Vi2 - Vj2 - Vi3 - Vj3**).

In generale, se non diversamente disposto, l'asse 2 coincide, per i pilastri, con l'asse **y** globale e pertanto la disposizione della sezione coincide con quella che si avrebbe in una vista in pianta.

- Caratteristiche dei Materiali:

Tipo	Modulo Elastico [kg/cm²]	v	alfa [1/°C]	Peso Specifico [kg/m³]	Commento

1	250000.0	0.000	0.000001	2500.0	C40/50

- Sezioni Impiegate:

Sezione	Materiale	Tipo di Sezione	Parametri Dimensionali Commenti
1	1	Rett.	B= 60 H= 60 [cm] pil60x60

- Caratteristiche Inerziali:

Sezione	Materiale	Area [cm²]	Jt [cm^4]	J2 [cm^4]	J3 [cm^4]	J23 [cm^4]	Xx	Xy
1	1	3600.00	1821862	1080000	1080000	0	1.2	1.2

Piano	Pilastro	Nodo i	Nodo j	Nodo k	Materiale	Sezione	Luce [m]	Vi12	Vj12	Vi13	Vj13
0	1	1	101	10023	1	1	8.60	100	0	100	0
0	2	2	102	10018	1	1	8.60	100	0	100	0
0	3	3	103	10012	1	1	8.60	100	0	100	0
0	4	4	104	10005	1	1	8.60	100	0	100	0
0	5	5	105	10023	1	1	8.60	100	0	100	0
0	6	6	106	10019	1	1	8.60	100	0	100	0
0	7	7	107	10013	1	1	8.60	100	0	100	0
0	8	8	108	10006	1	1	8.60	100	0	100	0
0	9	9	109	10023	1	1	8.60	100	0	100	0
0	10	10	110	10019	1	1	8.60	100	0	100	0
0	11	11	111	10013	1	1	8.60	100	0	100	0
0	12	12	112	10007	1	1	8.60	100	0	100	0
0	13	13	113	10023	1	1	8.60	100	0	100	0
0	14	14	114	10020	1	1	8.60	100	0	100	0
0	15	15	115	10014	1	1	8.60	100	0	100	0
0	16	16	116	10008	1	1	8.60	100	0	100	0

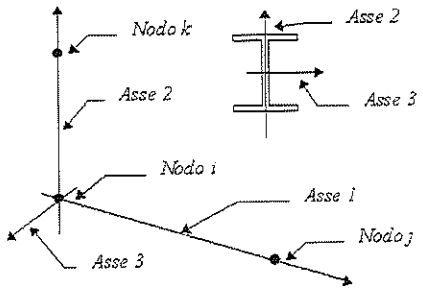
- Elementi tipo trave

- Convenzioni adottate

Ogni elemento tipo trave viene identificato da:

- Il nodo iniziale **i**;
- Il nodo finale **j**;
- Il nodo **k** che definisce l'orientamento nello spazio della terna riferimento locale dell'elemento.

La terna di riferimento locale della trave risulta essere così disposta:



Vengono riportati i valori di efficacia dei vincoli alle estreità dello elemento (variabili fra 0 e 100%), nei due piani **1-2** e **1-3** della trave in corrispondenza dei nodi, dando quindi la possibilità di considerare aste non perfettamente incastrate (coefficienti **Vi12, Vj12, Vi13, Vj13**).

- Caratteristiche dei Materiali:

Tipo	Modulo Elastico [kg/cm²]	v	alfa [1/°C]	Peso Specifico [kg/m³]	Commento
1	250000.0	0.000	0.000001	2500.0	C40/50

- Sezioni Impiegate:

Sezione	Materiale	Tipo di Sezione	Parametri Dimensionali Commenti
1	1	a Tr	B= 60 H= 90 b= 40 h= 30 [cm] TL60(30+60)
2	1	a Tr	B= 80 H= 90 b= 40 h= 30 [cm] TR80(30+60)
3	1	Quals.	mirò
4	1	Quals.	I100
5	1	Quals.	I80
6	1	Rett.	B= 60 H= 35 [cm] mensole

- Caratteristiche Inerziali:

Sezione	Materiale	Area [cm²]	Jt [cm^4]	J2 [cm^4]	J3 [cm^4]	J23 [cm^4]	Xx	Xy
1	1	4200.00	2048323	2937857	860000	-0	1.2	1.2
2	1	4800.00	2691894	3329999	1600000	0	1.2	1.2
3	1	2550.00	370716	11618800	1361950	0	1.2	1.2
4	1	3050.00	789387	3476040	394792	0	1.2	1.2
5	1	2650.00	789387	1902710	381458	0	1.2	1.2
6	1	2100.00	531767	214375	630000	0	1.2	1.2

Travata	Trave	Nodo i	Nodo j	Nodo k	Materiale	Sezione	Luce [m]	Vi12	Vj12	Vi13	Vj13
101	1	101	102	10021	1	1	12.00	0	0	0	0
101	2	102	103	10021	1	1	12.00	0	0	0	0
101	3	103	104	10021	1	1	12.00	0	0	0	0
102	1	105	106	10015	1	2	12.00	0	0	0	0
102	2	106	107	10009	1	2	12.00	0	0	0	0
102	3	107	108	10002	1	2	12.00	0	0	0	0
103	1	109	110	10016	1	2	12.00	0	0	0	0
103	2	110	111	10010	1	2	12.00	0	0	0	0
103	3	111	112	10001	1	2	12.00	0	0	0	0
104	1	113	114	10017	1	1	12.00	0	0	0	0
104	2	114	115	10011	1	1	12.00	0	0	0	0
104	3	115	116	10000	1	1	12.00	0	0	0	0

- Condizioni e combinazioni di carico

- Convenzioni adottate

Nel seguito vengono riportate il numero di condizioni di carico statiche e dinamiche che sollecitano la struttura.
Si noti che:

- Per quanto riguarda le condizioni di carico dinamiche, il programma assimila ogni direzione di ingresso del sisma, definita dal progettista, ad una condizione di carico. Pertanto qualora agiscano sulla struttura *n* condizioni di carico statiche e il progettista abbia supposto che la struttura venga sollecitata da un sisma entrante in *m* direzioni, la struttura stessa viene considerata del programma come soggetta ad *n* + *m* condizioni di carico.
- Le combinazioni di carico, definite dal progettista, combinano fra loro le *n* + *m* condizioni di carico ognuna partecipante alla combinazione *i-esima* secondo i fattori di partecipazione nel seguito riportati. N.B.: se la condizione *j-esima* ha fattore di partecipazione unitario, allora partecipa per intero alla combinazione *i-esima*.
- Le prime *n* condizioni sono sempre statiche mentre sono di origine dinamica le (eventuali) condizioni da *n+1* a *n+m*.

- Condizioni di carico definite:

- Cond. 1 pp
- Cond. 2 solaio
- Cond. 3 perm
- Cond. 4 neve

- Cond. 5 pannelli solo sisma
- Cond. 6 vento 0
- Cond. 7 vento 180
- Cond. 8 vento 90
- Cond. 9 vento 270
- Cond. 10 Sisma 0+SLV
- Cond. 11 Sisma 0-SLV
- Cond. 12 Sisma 180+SLV
- Cond. 13 Sisma 180-SLV
- Cond. 14 Sisma 90+SLV
- Cond. 15 Sisma 90-SLV
- Cond. 16 Sisma 270+SLV
- Cond. 17 Sisma 270-SLV
- Cond. 18 Sisma 0+SLD
- Cond. 19 Sisma 0-SLD
- Cond. 20 Sisma 180+SLD
- Cond. 21 Sisma 180-SLD
- Cond. 22 Sisma 90+SLD
- Cond. 23 Sisma 90-SLD
- Cond. 24 Sisma 270+SLD
- Cond. 25 Sisma 270-SLD

- Combinazioni agli Stati Limite Ultimi

Combinazione di carico numero	
1	neve + 0.9*v0
2	neve + 0.9*v180
3	neve + 0.9*v90
4	neve + 0.9*v270
5	v0 + neve
6	v180 + neve
7	v90 + neve
8	v270 + neve

Comb.\Cond	1	2	3	4	6	7	8	9
1	1.3000	1.3000	1.5000	1.5000	0.9000	0.0000	0.0000	0.0000
2	1.3000	1.3000	1.5000	1.5000	0.0000	0.9000	0.0000	0.0000
3	1.3000	1.3000	1.5000	1.5000	0.0000	0.0000	0.9000	0.0000
4	1.3000	1.3000	1.5000	1.5000	0.0000	0.0000	0.0000	0.9000
5	1.3000	1.3000	1.5000	0.7500	1.5000	0.0000	0.0000	0.0000
6	1.3000	1.3000	1.5000	0.7500	0.0000	1.5000	0.0000	0.0000
7	1.3000	1.3000	1.5000	0.7500	0.0000	0.0000	1.5000	0.0000
8	1.3000	1.3000	1.5000	0.7500	0.0000	0.0000	0.0000	1.5000

- Combinazioni agli Stati Limite di Salvaguardia della Vita

Combinazione di carico numero	
9	Sisma 0+ / 90+
10	Sisma 0+ / 90-
11	Sisma 0+ / 270+
12	Sisma 0+ / 270-
13	Sisma 0- / 90+
14	Sisma 0- / 90-
15	Sisma 0- / 270+
16	Sisma 0- / 270-
17	Sisma 180+ / 90+
18	Sisma 180+ / 90-
19	Sisma 180+ / 270+
20	Sisma 180+ / 270-
21	Sisma 180- / 90+
22	Sisma 180- / 90-
23	Sisma 180- / 270+
24	Sisma 180- / 270-
25	Sisma 90+ / 0+
26	Sisma 90+ / 0-
27	Sisma 90+ / 180+

28	Sisma 90+ / 180-
29	Sisma 90- / 0+
30	Sisma 90- / 0-
31	Sisma 90- / 180+
32	Sisma 90- / 180-
33	Sisma 270+ / 0+
34	Sisma 270+ / 0-
35	Sisma 270+ / 180+
36	Sisma 270+ / 180-
37	Sisma 270- / 0+
38	Sisma 270- / 0-
39	Sisma 270- / 180+
40	Sisma 270- / 180-

Comb.\Cond	1	2	3	10	11	12	13	14	15	16	17
9	1.0000	1.0000	1.0000	1.0000	0.0000	0.0000	0.0000	0.3000	0.0000	0.0000	0.0000
10	1.0000	1.0000	1.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.3000	0.0000	0.0000
11	1.0000	1.0000	1.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.3000	0.0000
12	1.0000	1.0000	1.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.3000
13	1.0000	1.0000	1.0000	0.0000	1.0000	0.0000	0.0000	0.3000	0.0000	0.0000	0.0000
14	1.0000	1.0000	1.0000	0.0000	1.0000	0.0000	0.0000	0.0000	0.3000	0.0000	0.0000
15	1.0000	1.0000	1.0000	0.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.3000	0.0000
16	1.0000	1.0000	1.0000	0.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.3000
17	1.0000	1.0000	1.0000	0.0000	0.0000	1.0000	0.0000	0.3000	0.0000	0.0000	0.0000
18	1.0000	1.0000	1.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.3000	0.0000	0.0000
19	1.0000	1.0000	1.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000	0.3000	0.0000
20	1.0000	1.0000	1.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.3000
21	1.0000	1.0000	1.0000	0.0000	0.0000	0.0000	1.0000	0.3000	0.0000	0.0000	0.0000
22	1.0000	1.0000	1.0000	0.0000	0.0000	0.0000	1.0000	0.0000	0.3000	0.0000	0.0000
23	1.0000	1.0000	1.0000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.3000	0.0000
24	1.0000	1.0000	1.0000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000	0.3000
25	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
26	1.0000	1.0000	1.0000	0.0000	0.3000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
27	1.0000	1.0000	1.0000	0.0000	0.0000	0.3000	0.0000	1.0000	0.0000	0.0000	0.0000
28	1.0000	1.0000	1.0000	0.0000	0.0000	0.0000	0.3000	1.0000	0.0000	0.0000	0.0000
29	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000
30	1.0000	1.0000	1.0000	0.0000	0.3000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000
31	1.0000	1.0000	1.0000	0.0000	0.0000	0.3000	0.0000	0.0000	1.0000	0.0000	0.0000
32	1.0000	1.0000	1.0000	0.0000	0.0000	0.0000	0.3000	0.0000	1.0000	0.0000	0.0000
33	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000
34	1.0000	1.0000	1.0000	0.0000	0.3000	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000
35	1.0000	1.0000	1.0000	0.0000	0.0000	0.3000	0.0000	0.0000	0.0000	1.0000	0.0000
36	1.0000	1.0000	1.0000	0.0000	0.0000	0.0000	0.3000	0.0000	0.0000	1.0000	0.0000
37	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000
38	1.0000	1.0000	1.0000	0.0000	0.3000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000
39	1.0000	1.0000	1.0000	0.0000	0.0000	0.3000	0.0000	0.0000	0.0000	0.0000	1.0000
40	1.0000	1.0000	1.0000	0.0000	0.0000	0.0000	0.3000	0.0000	0.0000	0.0000	1.0000

- Combinazioni RARE Stati Limite di Esercizio

Combinazione di carico numero	
41	B+ neve + 0.6*v0
42	B+ neve + 0.6*v180
43	B+ neve + 0.6*90
44	B+ neve + 0.6*v270
45	v0 + 0.5*B + 0.7*neve
46	v180 + 0.5*B + 0.7*neve
47	v90 + 0.5*B + 0.7*neve
48	v270 + 0.5*B + 0.7*neve

Comb.\Cond	1	2	3	4	6	7	8	9
41	1.0000	1.0000	1.0000	1.0000	0.6000	0.0000	0.0000	0.0000
42	1.0000	1.0000	1.0000	1.0000	0.0000	0.6000	0.0000	0.0000
43	1.0000	1.0000	1.0000	1.0000	0.0000	0.0000	0.6000	0.0000

44	1.0000	1.0000	1.0000	1.0000	0.0000	0.0000	0.0000	0.6000
45	1.0000	1.0000	1.0000	0.5000	1.0000	0.0000	0.0000	0.0000
46	1.0000	1.0000	1.0000	0.5000	0.0000	1.0000	0.0000	0.0000
47	1.0000	1.0000	1.0000	0.5000	0.0000	0.0000	1.0000	0.0000
48	1.0000	1.0000	1.0000	0.5000	0.0000	0.0000	0.0000	1.0000

- Combinazioni FREQUENTI Stati Limite di Esercizio

Combinazione di carico numero	
49	SLE Freq neve
50	SLE Freq v0
51	SLE Freq v180
52	SLE Freq v90
53	SLE Freq v270

Comb.\Cond	1	2	3	4	6	7	8	9
49	1.0000	1.0000	1.0000	0.2000	0.0000	0.0000	0.0000	0.0000
50	1.0000	1.0000	1.0000	0.0000	0.2000	0.0000	0.0000	0.0000
51	1.0000	1.0000	1.0000	0.0000	0.0000	0.2000	0.0000	0.0000
52	1.0000	1.0000	1.0000	0.0000	0.0000	0.0000	0.2000	0.0000
53	1.0000	1.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.2000

- Combinazioni QUASI PERMANENTI Stati Limite di Esercizio

Combinazione di carico numero	
54	SLE QP

Comb.\Cond	1	2	3
54	1.0000	1.0000	1.0000

- Combinazioni agli Stati Limite di Danno

Combinazione di carico numero	
55	Sisma 0+ / 90+
56	Sisma 0+ / 90-
57	Sisma 0+ / 270+
58	Sisma 0+ / 270-
59	Sisma 0- / 90+
60	Sisma 0- / 90-
61	Sisma 0- / 270+
62	Sisma 0- / 270-
63	Sisma 180+ / 90+
64	Sisma 180+ / 90-
65	Sisma 180+ / 270+
66	Sisma 180+ / 270-
67	Sisma 180- / 90+
68	Sisma 180- / 90-
69	Sisma 180- / 270+
70	Sisma 180- / 270-
71	Sisma 90+ / 0+
72	Sisma 90+ / 0-
73	Sisma 90+ / 180+
74	Sisma 90+ / 180-
75	Sisma 90- / 0+
76	Sisma 90- / 0-
77	Sisma 90- / 180+
78	Sisma 90- / 180-
79	Sisma 270+ / 0+
80	Sisma 270+ / 0-
81	Sisma 270+ / 180+
82	Sisma 270+ / 180-
83	Sisma 270- / 0+
84	Sisma 270- / 0-

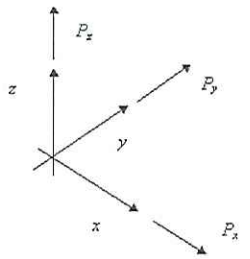
85	Sisma 270- / 180+
86	Sisma 270- / 180-

Comb.\Cond	1	2	3	18	19	20	21	22	23	24	25
55	1.0000	1.0000	1.0000	1.0000	0.0000	0.0000	0.0000	0.3000	0.0000	0.0000	0.0000
56	1.0000	1.0000	1.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.3000	0.0000	0.0000
57	1.0000	1.0000	1.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.3000	0.0000
58	1.0000	1.0000	1.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.3000
59	1.0000	1.0000	1.0000	0.0000	1.0000	0.0000	0.0000	0.3000	0.0000	0.0000	0.0000
60	1.0000	1.0000	1.0000	0.0000	1.0000	0.0000	0.0000	0.0000	0.3000	0.0000	0.0000
61	1.0000	1.0000	1.0000	0.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.3000	0.0000
62	1.0000	1.0000	1.0000	0.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.3000
63	1.0000	1.0000	1.0000	0.0000	0.0000	1.0000	0.0000	0.3000	0.0000	0.0000	0.0000
64	1.0000	1.0000	1.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.3000	0.0000	0.0000
65	1.0000	1.0000	1.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000	0.3000	0.0000
66	1.0000	1.0000	1.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.3000
67	1.0000	1.0000	1.0000	0.0000	0.0000	0.0000	1.0000	0.3000	0.0000	0.0000	0.0000
68	1.0000	1.0000	1.0000	0.0000	0.0000	0.0000	1.0000	0.0000	0.3000	0.0000	0.0000
69	1.0000	1.0000	1.0000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.3000	0.0000
70	1.0000	1.0000	1.0000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000	0.3000
71	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
72	1.0000	1.0000	1.0000	0.0000	0.3000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
73	1.0000	1.0000	1.0000	0.0000	0.0000	0.3000	0.0000	1.0000	0.0000	0.0000	0.0000
74	1.0000	1.0000	1.0000	0.0000	0.0000	0.0000	0.3000	1.0000	0.0000	0.0000	0.0000
75	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000
76	1.0000	1.0000	1.0000	0.0000	0.3000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000
77	1.0000	1.0000	1.0000	0.0000	0.0000	0.3000	0.0000	0.0000	1.0000	0.0000	0.0000
78	1.0000	1.0000	1.0000	0.0000	0.0000	0.0000	0.3000	0.0000	1.0000	0.0000	0.0000
79	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000
80	1.0000	1.0000	1.0000	0.0000	0.3000	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000
81	1.0000	1.0000	1.0000	0.0000	0.0000	0.3000	0.0000	0.0000	0.0000	1.0000	0.0000
82	1.0000	1.0000	1.0000	0.0000	0.0000	0.0000	0.3000	0.0000	0.0000	1.0000	0.0000
83	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000
84	1.0000	1.0000	1.0000	0.0000	0.3000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000
85	1.0000	1.0000	1.0000	0.0000	0.0000	0.3000	0.0000	0.0000	0.0000	0.0000	1.0000
86	1.0000	1.0000	1.0000	0.0000	0.0000	0.0000	0.3000	0.0000	0.0000	0.0000	1.0000

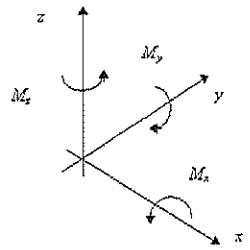
- Carichi e coppie applicati ai nodi

- Convenzioni adottate

La terna di riferimento generale è destrorsa per cui si hanno i seguenti segni positivi per i carichi o per le coppie direttamente applicati ai nodi:



Versi positivi delle forze concentrate applicate ai nodi.



Versi positivi delle coppie concentrate applicate ai nodi.

Nel seguito vengono riportati per ogni nodo, su cui agiscono carichi concentrati, le componenti del carico (P_x, P_y, P_z, M_x, M_y, M_z) e la condizione di carico cui esse fanno riferimento.

Nodo	Cond.	Px [kg]	Py [kg]	Pz [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
101	6	4784.0	0.0	0.0	0.0	0.0	0.0
	7	-3506.0	0.0	0.0	0.0	0.0	0.0
	8	0.0	3528.0	0.0	0.0	0.0	0.0
	9	0.0	-2586.0	0.0	0.0	0.0	0.0
102	8	0.0	7056.0	0.0	0.0	0.0	0.0
	9	0.0	-5172.0	0.0	0.0	0.0	0.0
103	8	0.0	7056.0	0.0	0.0	0.0	0.0
	9	0.0	-5172.0	0.0	0.0	0.0	0.0
104	6	3506.0	0.0	0.0	0.0	0.0	0.0
	7	-4784.0	0.0	0.0	0.0	0.0	0.0
	8	0.0	3528.0	0.0	0.0	0.0	0.0
	9	0.0	-2586.0	0.0	0.0	0.0	0.0
105	6	9567.0	0.0	0.0	0.0	0.0	0.0
	7	-7012.0	0.0	0.0	0.0	0.0	0.0
108	6	7012.0	0.0	0.0	0.0	0.0	0.0
	7	-9567.0	0.0	0.0	0.0	0.0	0.0
109	6	9567.0	0.0	0.0	0.0	0.0	0.0
	7	-7012.0	0.0	0.0	0.0	0.0	0.0
112	6	7012.0	0.0	0.0	0.0	0.0	0.0
	7	-9567.0	0.0	0.0	0.0	0.0	0.0
113	6	4784.0	0.0	0.0	0.0	0.0	0.0
	7	-3506.0	0.0	0.0	0.0	0.0	0.0
	8	0.0	2886.0	0.0	0.0	0.0	0.0
	9	0.0	-3528.0	0.0	0.0	0.0	0.0
114	8	0.0	5172.0	0.0	0.0	0.0	0.0
	9	0.0	-7056.0	0.0	0.0	0.0	0.0
115	8	0.0	5172.0	0.0	0.0	0.0	0.0
	9	0.0	-7056.0	0.0	0.0	0.0	0.0
116	6	3506.0	0.0	0.0	0.0	0.0	0.0
	7	-4784.0	0.0	0.0	0.0	0.0	0.0
	8	0.0	2886.0	0.0	0.0	0.0	0.0
	9	0.0	-3528.0	0.0	0.0	0.0	0.0

- Carichi e coppie applicati ai solai

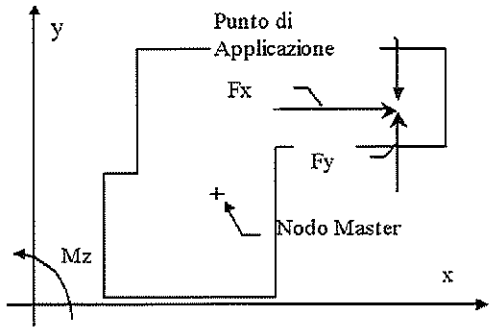
- Convenzioni adottate

Seguendo l'ipotesi di piano infinitamente rigido le azioni agenti nel piano del solaio vengono trasformate dal codice di calcolo in azioni agenti nel cosiddetto nodo *master di solaio* secondo le trasformazioni seguenti:

$$F_{xMaster} = F_{xNodo}$$

$$F_{yMaster} = F_{yNodo}$$

$$M_{zMaster} = M_{zNodo} - F_{xNodo}\,(y_{App} - y_{Master}) + F_{yNodo}\,(x_{App} - x_{Master})$$



Nel seguito vengono riportati per ogni solaio, su cui agiscono carichi concentrati, le componenti del carico (F_x, F_y, M_z), le coordinate del punto di applicazione nel piano orizzontale (**x, y**) e la condizione di carico cui esse fanno riferimento.

Solaio	Condizione	Fx [kg]	Fy [kg]	Mz [kgm]	x Punto di applicazione [m]	y Punto di Applicazione [m]

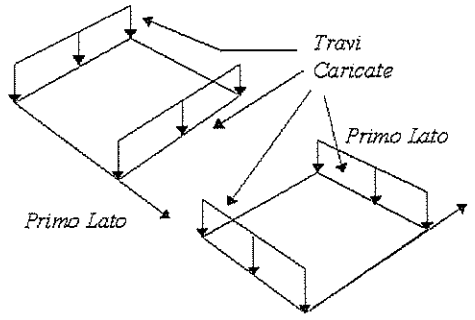
- Dati relativi alle aree di carico

- Convenzioni adottate

Nel seguito sono riportate le *aree di carico* definite nel progetto.

Un'*area di carico* è definita da una superfice contornata da travi di bordo ed i carichi superficiali su essa agenti vengono riportati dal programma sulle travi perimetrali in ragione dell'area di influenza relativa ad ogni trave e della direzione di orditura della superficie.

È importante rilevare che **la direzione di orditura viene assunta dal programma con riferimento al primo lato della superficie di carico e non con riferimento all'asse *x* globale della struttura.**



Esempio: *direzione* di orditura 0 gradi.

In particolare ricordiamo che le *aree di carico* fungono esclusivamente da supporto per il calcolo dei carichi di

tipo superficiale in quanto i carichi definiti tramite tali *aree di carico* in effetti vengono trasferiti (sotto forma di carichi lineari o carichi nodali concentrati nei nodi) sulle travi perimetrali che contornano l'area di carico stessa.

A seguire vengono riportati per ogni tipologia definita i carichi agenti nelle varie condizioni di carico. La dizione:

Globale
indica che il carico è definito nel sistema di riferimento globale della struttura.

Globale Proiettato
indica che il carico è definito nel sistema di riferimento globale della struttura ma il valore viene computato in proiezione.

Locale
indica che il carico è definito nel sistema di riferimento locale della superficie di carico.

Area di Carico Numero	Commento
1	Copertura

Tipo	Alfa	Condizione	Carico Trasmesso	Riferimento	qx [kg/m²] Qx [kg]	qy [kg/m²] Qy [kg]	qz [kg/m²] Qz [kg]
1	0.00	2	Alle Travi	Globale	0.0	0.0	475.0
					0.0	0.0	834480.0
1	0.00	3	Alle Travi	Globale	0.0	0.0	70.0
					0.0	0.0	122976.0
1	0.00	4	Alle Travi	Globale	0.0	0.0	80.0
					0.0	0.0	140544.0

Tipologia	Nodi
1	102 103 104 108 107 106 105 101 102
1	106 107 108 112 111 110 109 105 106
1	110 111 112 116 115 114 113 109 110

- Carichi applicati agli elementi

- Convenzioni adottate

I carichi applicati vengono raccolti nella tabella riportata alla fine del paragrafo e si intendono applicati nel sistema di riferimento locale dell'elemento.

Per la lettura della tabella si definiscono:

NodoI, NodoJ
I nodi iniziale/finale dell'asta o lato dell'elemento cui afferisce il carico

L
La distanza fra i suddetti nodi.

qxi, ..., qzj
Le componenti di un carico distribuito costante o variabile linearmente iniziali (indice i) e finale (indice j).

xi, xj
Le distanze, misurate a partire dal NodoI, dei punti di applicazione dei carichi qxi..qzj relativi a carichi distribuiti applicati su porzioni di un'asta.

Px, ..., Pz xApp
Le componenti di un Carico Concentrato applicato a distanza xApp dal NodoI.

Mx, ..., Mz xApp
Le componenti di una Coppia Concentrata applicata a distanza xApp dal NodoI.

Var Termica Assiale, ..., Var Termica Farfalla 13
Le variazioni termiche (Assiali ed a Farfalla) misurate in gradi Celsius.

mxi, ..., mzj
Le componenti di coppie distribuite costanti o variabili linearmente iniziali (indice i) e finale (indice j).

qS_x, qS_y, qS_z
carichi, per unità di superficie, applicati su elementi superficiali o facce di elementi solidi

Peso Proprio
Il valore del carico derivante dal peso proprio dell'elemento

- Carichi distribuiti

Nodo I	Nodo J	L [m]	Condizione di carico	xi [m]	qxi [kg/m]	qyi [kg/m]	qzi [kg/m]	xj [m]	qxj [kg/m]	qyj [kg/m]	qzj [kg/m]
1	101	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
101	102	12.00	5	0.00	0.0	1860.0	0.0	12.00	0.0	1860.0	0.0
			1	0.00	0.0	1050.0	0.0	12.00	0.0	1050.0	0.0
			2	-0.00	0.0	3864.1	0.0	12.00	0.0	3864.1	0.0
			3	-0.00	0.0	569.5	0.0	12.00	0.0	569.5	0.0
			4	-0.00	0.0	650.8	0.0	12.00	0.0	650.8	0.0
2	102	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
102	103	12.00	5	0.00	0.0	1860.0	0.0	12.00	0.0	1860.0	0.0
			1	0.00	0.0	1050.0	0.0	12.00	0.0	1050.0	0.0
			2	-0.00	0.0	3864.1	0.0	12.00	0.0	3864.1	0.0
			3	-0.00	0.0	569.5	0.0	12.00	0.0	569.5	0.0
			4	-0.00	0.0	650.8	0.0	12.00	0.0	650.8	0.0
3	103	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
103	104	12.00	5	0.00	0.0	1860.0	0.0	12.00	0.0	1860.0	0.0
			1	0.00	0.0	1050.0	0.0	12.00	0.0	1050.0	0.0
			2	-0.00	0.0	3864.1	0.0	12.00	0.0	3864.1	0.0
			3	-0.00	0.0	569.5	0.0	12.00	0.0	569.5	0.0
			4	-0.00	0.0	650.8	0.0	12.00	0.0	650.8	0.0
4	104	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
105	106	12.00	1	0.00	0.0	1200.0	0.0	12.00	0.0	1200.0	0.0
			2	-0.00	0.0	3861.7	0.0	12.00	0.0	3861.7	0.0
			3	-0.00	0.0	569.1	0.0	12.00	0.0	569.1	0.0
			4	-0.00	0.0	650.4	0.0	12.00	0.0	650.4	0.0
			2	0.00	0.0	3864.1	0.0	12.00	0.0	3864.1	0.0
			3	0.00	0.0	569.5	0.0	12.00	0.0	569.5	0.0
			4	0.00	0.0	650.8	0.0	12.00	0.0	650.8	0.0
5	105	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
106	107	12.00	1	0.00	0.0	1200.0	0.0	12.00	0.0	1200.0	0.0
			2	-0.00	0.0	3861.7	0.0	12.00	0.0	3861.7	0.0
			3	-0.00	0.0	569.1	0.0	12.00	0.0	569.1	0.0
			4	-0.00	0.0	650.4	0.0	12.00	0.0	650.4	0.0
			2	0.00	0.0	3864.1	0.0	12.00	0.0	3864.1	0.0
			3	0.00	0.0	569.5	0.0	12.00	0.0	569.5	0.0
			4	0.00	0.0	650.8	0.0	12.00	0.0	650.8	0.0
6	106	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
107	108	12.00	1	0.00	0.0	1200.0	0.0	12.00	0.0	1200.0	0.0
			2	-0.00	0.0	3861.7	0.0	12.00	0.0	3861.7	0.0
			3	-0.00	0.0	569.1	0.0	12.00	0.0	569.1	0.0
			4	-0.00	0.0	650.4	0.0	12.00	0.0	650.4	0.0
			2	0.00	0.0	3864.1	0.0	12.00	0.0	3864.1	0.0
			3	0.00	0.0	569.5	0.0	12.00	0.0	569.5	0.0
			4	0.00	0.0	650.8	0.0	12.00	0.0	650.8	0.0
7	107	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
109	110	12.00	1	0.00	0.0	1200.0	0.0	12.00	0.0	1200.0	0.0
			2	-0.00	0.0	3864.1	0.0	12.00	0.0	3864.1	0.0
			3	-0.00	0.0	569.5	0.0	12.00	0.0	569.5	0.0
			4	-0.00	0.0	650.8	0.0	12.00	0.0	650.8	0.0
			2	0.00	0.0	3861.7	0.0	12.00	0.0	3861.7	0.0
			3	0.00	0.0	569.1	0.0	12.00	0.0	569.1	0.0
			4	0.00	0.0	650.4	0.0	12.00	0.0	650.4	0.0
8	108	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
110	111	12.00	1	0.00	0.0	1200.0	0.0	12.00	0.0	1200.0	0.0

			2	-0.00	0.0	3864.1	0.0	12.00	0.0	3864.1	0.0
			3	-0.00	0.0	569.5	0.0	12.00	0.0	569.5	0.0
			4	-0.00	0.0	650.8	0.0	12.00	0.0	650.8	0.0
			2	0.00	0.0	3861.7	0.0	12.00	0.0	3861.7	0.0
			3	0.00	0.0	569.1	0.0	12.00	0.0	569.1	0.0
			4	0.00	0.0	650.4	0.0	12.00	0.0	650.4	0.0
9	109	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
111	112	12.00	1	0.00	0.0	1200.0	0.0	12.00	0.0	1200.0	0.0
			2	-0.00	0.0	3864.1	0.0	12.00	0.0	3864.1	0.0
			3	-0.00	0.0	569.5	0.0	12.00	0.0	569.5	0.0
			4	-0.00	0.0	650.8	0.0	12.00	0.0	650.8	0.0
			2	0.00	0.0	3861.7	0.0	12.00	0.0	3861.7	0.0
			3	0.00	0.0	569.1	0.0	12.00	0.0	569.1	0.0
			4	0.00	0.0	650.4	0.0	12.00	0.0	650.4	0.0
10	110	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
113	114	12.00	5	0.00	0.0	1860.0	0.0	12.00	0.0	1860.0	0.0
			1	0.00	0.0	1050.0	0.0	12.00	0.0	1050.0	0.0
			2	0.00	0.0	3864.1	0.0	12.00	0.0	3864.1	0.0
			3	0.00	0.0	569.4	0.0	12.00	0.0	569.4	0.0
			4	0.00	0.0	650.8	0.0	12.00	0.0	650.8	0.0
11	111	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
114	115	12.00	5	0.00	0.0	1860.0	0.0	12.00	0.0	1860.0	0.0
			1	0.00	0.0	1050.0	0.0	12.00	0.0	1050.0	0.0
			2	0.00	0.0	3864.1	0.0	12.00	0.0	3864.1	0.0
			3	0.00	0.0	569.5	0.0	12.00	0.0	569.5	0.0
			4	0.00	0.0	650.8	0.0	12.00	0.0	650.8	0.0
12	112	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
115	116	12.00	5	0.00	0.0	1860.0	0.0	12.00	0.0	1860.0	0.0
			1	0.00	0.0	1050.0	0.0	12.00	0.0	1050.0	0.0
			2	0.00	0.0	3864.1	0.0	12.00	0.0	3864.1	0.0
			3	0.00	0.0	569.4	0.0	12.00	0.0	569.4	0.0
			4	0.00	0.0	650.8	0.0	12.00	0.0	650.8	0.0
13	113	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
14	114	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
15	115	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
16	116	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0

- Analisi dinamica

- Convenzioni adottate

Nella presente versione del programma ***WinStrand*** l'analisi in campo dinamico della struttura può essere condotta per via *statica equivalente* ovvero per via *modale* facendo uso, per il calcolo della risposta, dello spettro di pseudo accellerazioni fornito dal regolamento italiano.

Nel caso di analisi dinamica condotta per via *statica equivalente* le azioni di piano vengono calcolate facendo riferimento al punto **C.6.1.1.** delle **norme tecniche per le costruzioni in zona sismica** e cioè, definiti:

W_i

peso dell'*i-esimo* impalcato valutato tenendo conto dei carichi permanenti e dei coefficienti riduttivi relativi alle condizioni di carico accidentali

K_{hi}

coefficiente ottenuto tenendo conto del coefficiente di intensità sismica e dei coefficienti di risposta, fondazione, struttura. Ovvero:

$$K_{hi} = C \times R \times \varepsilon \times \beta \times \eta_i$$

dove (indicando con h_j l'altezza del *j-esimo* piano)

$$\eta_i = h_i \frac{\sum_{j=1}^{n} W_j}{\sum_{j}^{n} W_j h_j}$$

L'azione tagliante sull'iesimo piano vale:

$$F_i = K_{hi} \times W_i$$

A tale azione tagliante viene poi associato (qualora il rapporto fra i lati *D* e *B* dell'edificio sia superiore a *2.5* in accordo al punto **C.6.1.2** delle norme citate) il momento torcente di piano:

$$M_i = \lambda \sum_{j=1}^{n} D_j F_j$$

Nel caso di analisi dinamica condotta per via *modale* il programma provvede al calcolo dei modi di vibrare della struttura facendo uso dell'algoritmo noto in letteratura tecnica come *Subspace Iteration*. Una volta *M-Ortonormalizzati* gli autovettori la risposta massima relativa all'*i-esimo* modo di vibrare viene valutata con la formula:

$$S_{i\max} = \frac{L_{ni} \times Sa(T_i)}{M_{ni} \times \omega_i^2}$$

nella quale:

$$Sa(T) = C \times R(T) \times \varepsilon \times \beta \times g$$

con:

$C = (S-2)/100$

$L_{ni} = \{f_i^T\}[M]\{I\}$ e

$M_{ni} = \{f_i^T\}[M]\{f_i^T\}$

I simboli che compaiono nelle espressioni precedenti hanno il seguente significato:

ε

coefficiente di fondazione;

β

coefficiente di struttura;

g

accelerazione di gravità

w_i

i-esima frequenza associata all'*i-esimo* autovettore;

$R(T_i)$

coefficiente di risposta ricavato dallo spettro di *pseudoaccelerazioni* del regolamento;

S

Grado di sismicit&agrve;

f_i

i-esimo autovettore;

M

matrice delle masse;

I

vettore di trascinamento;

Per cui il campo di spostamenti indotto dall'*i-esimo* modo di vibrare sulla struttura vale:

$$V_i = \phi_i \times S_{Idir}$$

Il programma per ogni direzione di ingresso del sisma quindi valuta il campo di spostamenti nodali e il campo di sollecitazioni nel generico elemento secondo la formula di quadratura:

$$S = \sqrt{\sum_{i=1}^{n} S_i^2}$$

dove:

n
numero di modi (>= 3) considerati in soluzione

S_i
generica componente di spostamento o di sollecitazione indotta dallo *i-esimo* modo di vibrare nell'elemento.

In output vengono inoltre riportate, per ogni direzione di ingresso del sisma e per ogni modo di vibrare, le cosiddette *masse modali efficaci*. In particolare considerando la *j-esima* direzione di ingresso del sisma e denotando con il pedice *i* le grandezze relative all'*i-esimo* modo di vibrare, vengono forniti in output la grandezze:

- Il modo di vibrare (si noti che per ogni direzione di ingresso il *sub-set* di modi di vibrare utilizzato può cambiare essendo i modi di vibrare scelti in modo tale da fornire il massimo fattore di partecipazione L_{ij}).
- Il fattore di partecipazione L_{ij} (altrimenti noto in letteratura tecnica come g_{ij}).
- Il rapporto percentuale fra il fattore di partecipazione del primo modo considerato ed il generico modo (pari a $100\ L_{ij}/L_{1j}$).
- La massa modale Em_{ij} efficace relativa all'*i-esimo* modo ($Em_{ij}=L_{ij}^2/M_{ij}$).
- Il rapporto fra la massa modale efficace dell'*i-esimo* modo e la massa modale efficace totale, calcolato come $100\ Em_{ij} / Em_{Tot\,j}$.
- La percentuale, cumulativa, della massa modale considerata sommando via via i contributi dovuti ai singoli modi di vibrare e pari a $100\ \Sigma_i\ (Em_{ij} / Em_{Totj})$. Tale valore è pari al 100% per un'analisi dinamica completa.

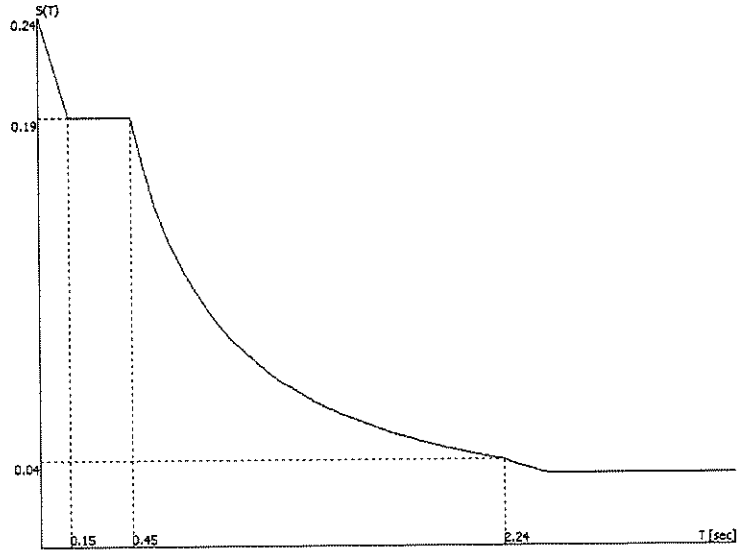
- Dati generali relativi all'analisi dinamica

- Spettro in accordo con TU 2008

- Verona VR Longitudine 10.9989 Latitudine 45.4444
- Tipo di Terreno C
- Coefficiente di amplificazione topografica (S_T) 1.0000
- Vita nominale della costruzione (V_N) 50.0 anni
- Classe d'uso II° coefficiente C_U 1.0
- Classe di duttilità impostata Bassa
- Fattore di struttura massimo q_o per sisma orizzontale 3.00
- Fattore di duttilita K_R per sisma orizzontale 1.00
- Fattore riduttivo regolarità in altezza K_R 1.00
- Fattore riduttivo per la presenza di setti K_W 1.00
- Fattore di struttura q per sisma orizzontale 3.00
- Fattore di struttura q per sisma verticale 1.50
- Smorzamento Viscoso (0.05 = 5%) 0.05

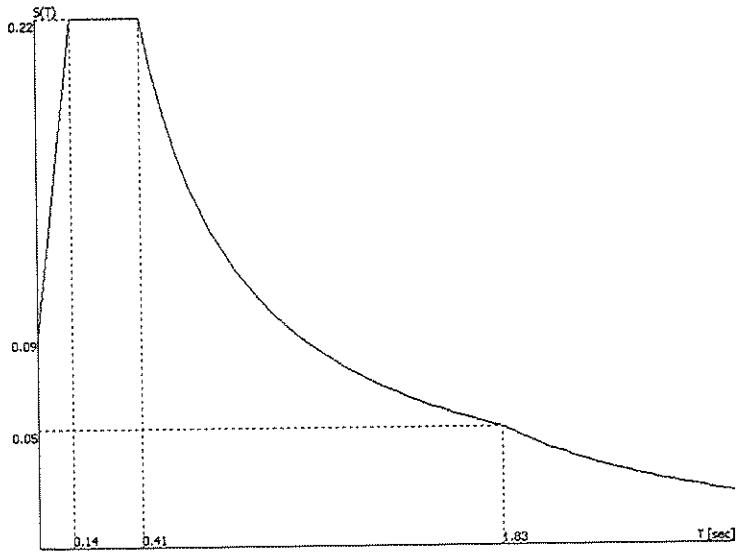
- TU 2008 SLV H

- Probabilità di superamento (P_{VR}) 10.0 e periodo di ritorno (T_R) 475 (anni)
- S_s 1.5
- T_B 0.15 [sec]
- T_C 0.45 [sec]
- T_D 2.24 [sec]
- a_g/g 0.1610
- F_o 2.4300
- T_C^* 0.2800



- TU 2008 SLD H

- Probabilità di superamento (P_{VR}) 63.0 e periodo di ritorno (T_R) 50 (anni)
- S_s 1.5
- T_B 0.14 [sec]
- T_C 0.41 [sec]
- T_D 1.83 [sec]
- a_g/g 0.0571
- F_o 2.5197
- T_C^* 0.2446



Fattori di partecipazione per il calcolo delle masse

Cond. Carico 1 pp 1.0000

Cond. Carico 2 solaio 1.0000

Cond. Carico 3 perm 1.0000

Cond. Carico 4 neve 0.0000

Cond. Carico 5 pannelli solo sisma 1.0000

Cond. Carico 6 vento 0 0.0000

Cond. Carico 7 vento 180 0.0000

Cond. Carico 8 vento 90 0.0000

Cond. Carico 9 vento 270 0.0000

Analisi dinamica con condensazione di piano ed inclusione delle masse dei nodi liberi

Angoli d'ingresso del Sisma

- SLV Direzione 1 Angolo in pianta 0.00 [°]
- SLV Direzione 2 Angolo in pianta 0.00 [°]
- SLV Direzione 3 Angolo in pianta 180.00 [°]
- SLV Direzione 4 Angolo in pianta 180.00 [°]
- SLV Direzione 5 Angolo in pianta 90.00 [°]
- SLV Direzione 6 Angolo in pianta 90.00 [°]
- SLV Direzione 7 Angolo in pianta 270.00 [°]
- SLV Direzione 8 Angolo in pianta 270.00 [°]
- SLD Direzione 9 Angolo in pianta 0.00 [°]
- SLD Direzione 10 Angolo in pianta 0.00 [°]
- SLD Direzione 11 Angolo in pianta 180.00 [°]
- SLD Direzione 12 Angolo in pianta 180.00 [°]
- SLD Direzione 13 Angolo in pianta 90.00 [°]

- SLD Direzione 14 Angolo in pianta 90.00 [°]
- SLD Direzione 15 Angolo in pianta 270.00 [°]
- SLD Direzione 16 Angolo in pianta 270.00 [°]

Solaio	x [m]	y [m]	z [m]	Massa [UTM]	Jpolare [UTM m²]
1	16.84	24.40	8.60	143329.6	54329580.0

- Rigidezze traslanti dei solai.

Solaio	Kxx [kg/m]	Kyy [kg/m]	Kxy [kg/m]	Kxt [kgm]	Kyt [kgm]
1	2.0e+006	2.0e+006	0.0e+000	2.4e+006	3.9e+000

- Direzione d'ingresso 1 angolo 0.00 [°] + SLV

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	1.35849e+001	3.686	1.70	0.0502
2	1.41745e+001	3.765	1.67	0.0512
3	2.07409e+001	4.554	1.38	0.0620
4	8.23654e+003	90.755	0.07	0.2151
5	8.23654e+003	90.755	0.07	0.2151
6	8.23654e+003	90.755	0.07	0.2151

- Direzione d'ingresso 2 angolo 0.00 [°] - SLV

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	1.35849e+001	3.686	1.70	0.0502
2	1.41745e+001	3.765	1.67	0.0512
3	2.07409e+001	4.554	1.38	0.0620
4	8.23654e+003	90.755	0.07	0.2151
5	8.23654e+003	90.755	0.07	0.2151
6	8.23654e+003	90.755	0.07	0.2151

- Direzione d'ingresso 3 angolo 180.00 [°] + SLV

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	1.35849e+001	3.686	1.70	0.0502
2	1.41745e+001	3.765	1.67	0.0512
3	2.07409e+001	4.554	1.38	0.0620
4	8.23654e+003	90.755	0.07	0.2151
5	8.23654e+003	90.755	0.07	0.2151
6	8.23654e+003	90.755	0.07	0.2151

- Direzione d'ingresso 4 angolo 180.00 [°] - SLV

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	1.35849e+001	3.686	1.70	0.0502
2	1.41745e+001	3.765	1.67	0.0512
3	2.07409e+001	4.554	1.38	0.0620
4	8.23654e+003	90.755	0.07	0.2151
5	8.23654e+003	90.755	0.07	0.2151
6	8.23654e+003	90.755	0.07	0.2151

- Direzione d'ingresso 5 angolo 90.00 [°] + SLV

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	1.41370e+001	3.760	1.67	0.0512
2	1.99309e+001	4.464	1.41	0.0607
3	1.41745e+001	3.765	1.67	0.0512
4	8.23654e+003	90.755	0.07	0.2151
5	8.23654e+003	90.755	0.07	0.2151
6	8.23654e+003	90.755	0.07	0.2151

- Direzione d'ingresso 6 angolo 90.00 [°] - SLV

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	1.34828e+001	3.672	1.71	0.0500
2	2.08980e+001	4.571	1.37	0.0622
3	1.41745e+001	3.765	1.67	0.0512
4	8.23654e+003	90.755	0.07	0.2151
5	8.23654e+003	90.755	0.07	0.2151
6	8.23654e+003	90.755	0.07	0.2151

- Direzione d'ingresso 7 angolo 270.00 [°] + SLV

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	1.34828e+001	3.672	1.71	0.0500
2	2.08980e+001	4.571	1.37	0.0622
3	1.41745e+001	3.765	1.67	0.0512
4	8.23654e+003	90.755	0.07	0.2151
5	8.23654e+003	90.755	0.07	0.2151
6	8.23654e+003	90.755	0.07	0.2151

- Direzione d'ingresso 8 angolo 270.00 [°] - SLV

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	1.41370e+001	3.760	1.67	0.0512
2	1.99309e+001	4.464	1.41	0.0607
3	1.41745e+001	3.765	1.67	0.0512
4	8.23654e+003	90.755	0.07	0.2151
5	8.23654e+003	90.755	0.07	0.2151
6	8.23654e+003	90.755	0.07	0.2151

- Direzione d'ingresso 9 angolo 0.00 [°] + SLD

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	1.35849e+001	3.686	1.70	0.0502
2	1.41745e+001	3.765	1.67	0.0512
3	2.07409e+001	4.554	1.38	0.0620
4	8.23654e+003	90.755	0.07	0.2151
5	8.23654e+003	90.755	0.07	0.2151
6	8.23654e+003	90.755	0.07	0.2151

- Direzione d'ingresso 10 angolo 0.00 [°] - SLD

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	1.35849e+001	3.686	1.70	0.0502
2	1.41745e+001	3.765	1.67	0.0512
3	2.07409e+001	4.554	1.38	0.0620
4	8.23654e+003	90.755	0.07	0.2151
5	8.23654e+003	90.755	0.07	0.2151
6	8.23654e+003	90.755	0.07	0.2151

- Direzione d'ingresso 11 angolo 180.00 [°] + SLD

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	1.35849e+001	3.686	1.70	0.0502
2	1.41745e+001	3.765	1.67	0.0512
3	2.07409e+001	4.554	1.38	0.0620
4	8.23654e+003	90.755	0.07	0.2151
5	8.23654e+003	90.755	0.07	0.2151
6	8.23654e+003	90.755	0.07	0.2151

- Direzione d'ingresso 12 angolo 180.00 [°] - SLD

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	1.35849e+001	3.686	1.70	0.0502
2	1.41745e+001	3.765	1.67	0.0512
3	2.07409e+001	4.554	1.38	0.0620
4	8.23654e+003	90.755	0.07	0.2151
5	8.23654e+003	90.755	0.07	0.2151
6	8.23654e+003	90.755	0.07	0.2151

- Direzione d'ingresso 13 angolo 90.00 [°] + SLD

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	1.41370e+001	3.760	1.67	0.0512
2	1.99309e+001	4.464	1.41	0.0607
3	1.41745e+001	3.765	1.67	0.0512
4	8.23654e+003	90.755	0.07	0.2151
5	8.23654e+003	90.755	0.07	0.2151
6	8.23654e+003	90.755	0.07	0.2151

- Direzione d'ingresso 14 angolo 90.00 [°] - SLD

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	1.34828e+001	3.672	1.71	0.0500
2	2.08980e+001	4.571	1.37	0.0622
3	1.41745e+001	3.765	1.67	0.0512
4	8.23654e+003	90.755	0.07	0.2151
5	8.23654e+003	90.755	0.07	0.2151
6	8.23654e+003	90.755	0.07	0.2151

- Direzione d'ingresso 15 angolo 270.00 [°] + SLD

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	1.34828e+001	3.672	1.71	0.0500
2	2.08980e+001	4.571	1.37	0.0622
3	1.41745e+001	3.765	1.67	0.0512
4	8.23654e+003	90.755	0.07	0.2151
5	8.23654e+003	90.755	0.07	0.2151
6	8.23654e+003	90.755	0.07	0.2151

- Direzione d'ingresso 16 angolo 270.00 [°] - SLD

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	1.41370e+001	3.760	1.67	0.0512
2	1.99309e+001	4.464	1.41	0.0607
3	1.41745e+001	3.765	1.67	0.0512
4	8.23654e+003	90.755	0.07	0.2151
5	8.23654e+003	90.755	0.07	0.2151
6	8.23654e+003	90.755	0.07	0.2151

- Direzione di Ingresso del Sisma 1 Angolo 0.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
1	-3.27638e+002	100.0	1.07347e+005	74.9	74.9
2	1.62777e+002	49.7	2.64964e+004	18.5	93.4
3	-9.73996e+001	29.7	9.48667e+003	6.6	100.0
4	0.00000e+000	0.0	0.00000e+000	0.0	100.0
5	0.00000e+000	0.0	0.00000e+000	0.0	100.0
6	0.00000e+000	0.0	0.00000e+000	0.0	100.0

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 0.00

Solaio	Ingombro in Pianta B [m]	H [m]	Larghezza [m]	Apparente [m]	Eccentricità dxG [m]	dyG [m]	Sx [m]	[UTM]x[m]	Sy [m]	[UTM]x[m]	dJp [UTM m²]
1	36.00	48.80	48.80	2.44	0.00	-2.44	349724.3		0.0		853327.2

Direzione di Ingresso del Sisma 1 Angolo 0.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	1	52813.6	-25151.1	470122.2			
	2	13315.9	27961.5	32490.8			
	3	5767.1	-2746.4	-407592.9			
	4	0.0	0.0	0.0			
	5	0.0	0.0	0.0			
	6	0.0	0.0	0.0			
				Per Via Statica Equivalente	70517.0	0.0	172435.4
				Per Via Modale	66998.8	8261.7	585117.5
				Variazione	-3518.2	8261.7	412682.1

- Direzione di Ingresso del Sisma 2 Angolo 0.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
7	3.27638e+002	100.0	1.07347e+005	74.9	74.9
8	1.62777e+002	49.7	2.64964e+004	18.5	93.4
9	9.73997e+001	29.7	9.48670e+003	6.6	100.0
10	0.00000e+000	0.0	0.00000e+000	0.0	100.0
11	0.00000e+000	0.0	0.00000e+000	0.0	100.0
12	0.00000e+000	0.0	0.00000e+000	0.0	100.0

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 0.00

Solaio	Ingombro in Pianta B [m]	H [m]	Larghezza [m]	Apparente [m]	Eccentricità dxG [m]	dyG [m]	Sx [m]	[UTM]x[m]	Sy [m]	[UTM]x[m]	dJp [UTM m²]
1	36.00	48.80	48.80	2.44	-0.00	2.44	-349724.3		-0.0		853327.2

Direzione di Ingresso del Sisma 2 Angolo 0.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	7	52813.6	25151.0	-470122.6			
	8	13315.9	-27961.4	-32490.7			
	9	5767.1	2746.4	407593.3			
	10	0.0	0.0	0.0			
	11	0.0	0.0	0.0			
	12	0.0	0.0	0.0			
				Per Via Statica Equivalente	70517.0	0.0	-172061.3
				Per Via Modale	66998.8	-8261.7	-585118.0
				Variazione	-3518.2	-8261.7	-413056.7

- Direzione di Ingresso del Sisma 3 Angolo 180.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
13	-3.27638e+002	100.0	1.07347e+005	74.9	74.9
14	-1.62777e+002	49.7	2.64964e+004	18.5	93.4
15	-9.73997e+001	29.7	9.48669e+003	6.6	100.0
16	0.00000e+000	0.0	0.00000e+000	0.0	100.0
17	0.00000e+000	0.0	0.00000e+000	0.0	100.0
18	0.00000e+000	0.0	0.00000e+000	0.0	100.0

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 180.00

Solaio	Ingombro in Pianta B [m]	H [m]	Larghezza [m]	Apparente [m]	Eccentricità dxG [m]	dyG [m]	Sx [m]	[UTM]x[m]	Sy [m]	[UTM]x[m]	dJp [UTM m²]
1	36.00	48.80	48.80	2.44	-0.00	2.44	-349724.3		-0.0		853327.3

Direzione di Ingresso del Sisma 3 Angolo 180.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	13	-52813.6	-25151.0	470122.5			
	14	-13315.9	27961.5	32490.7			
	15	-5767.1	-2746.4	-407593.3			
	16	0.0	0.0	0.0			
	17	0.0	0.0	0.0			
	18	0.0	0.0	0.0			
				Per Via Statica Equivalente	-70517.0	-0.0	-172425.5
				Per Via Modale	-66998.8	8261.7	585117.9
				Variazione	3518.2	8261.7	757543.4

- Direzione di Ingresso del Sisma 4 Angolo 180.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
19	3.27638e+002	100.0	1.07347e+005	74.9	74.9
20	-1.62777e+002	49.7	2.64964e+004	18.5	93.4
21	9.73996e+001	29.7	9.48668e+003	6.6	100.0
22	0.00000e+000	0.0	0.00000e+000	0.0	100.0
23	0.00000e+000	0.0	0.00000e+000	0.0	100.0
24	0.00000e+000	0.0	0.00000e+000	0.0	100.0

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 180.00

Solaio	Ingombro in Pianta		Larghezza Apparente		Eccentricità dxG dyG		Sx	Sy	dJp
	B [m]	H [m]	[m]		[m]	[m]	[m] [m] [UTM]x[m]	[UTM]x[m]	[UTM m²]
1	36.00	48.80	48.80	2.44	0.00	-2.44	349724.3	0.0	853327.3

Direzione di Ingresso del Sisma 4 Angolo 180.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	19	-52813.6	25151.1	-470122.3			
	20	-13315.9	-27961.4	-32490.7			
	21	-5767.1	2746.4	407593.0			
	22	0.0	0.0	0.0			
	23	0.0	0.0	0.0			
	24	0.0	0.0	0.0			
				Per Via Statica Equivalente	-70517.0	-0.0	172061.3
				Per Via Modale	-66998.8	-8261.7	-585117.6
				Variazione	3518.2	-8261.7	-757179.0

- Direzione di Ingresso del Sisma 5 Angolo 90.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
25	3.77373e+002	100.0	1.42410e+005	99.4	99.4
26	-3.03207e+001	8.0	9.19346e+002	0.6	100.0
27	1.26380e-003	0.0	1.59719e-006	0.0	100.0
28	0.00000e+000	0.0	0.00000e+000	0.0	100.0
29	0.00000e+000	0.0	0.00000e+000	0.0	100.0
30	0.00000e+000	0.0	0.00000e+000	0.0	100.0

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 90.00

Solaio	Ingombro in Pianta		Larghezza Apparente		Eccentricità dxG dyG		Sx	Sy	dJp
	B [m]	H [m]	[m]		[m]	[m]	[m] [m] [UTM]x[m]	[UTM]x[m]	[UTM m²]
1	36.00	48.80	36.00	1.80	1.80	0.00	-0.0	257993.4	464388.0

Direzione di Ingresso del Sisma 5 Angolo 90.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	25	-0.2	71474.2	240941.3			
	26	-0.0	547.9	-132340.7			
	27	0.2	0.0	0.0			
	28	0.0	0.0	0.0			
	29	0.0	0.0	0.0			
	30	0.0	0.0	0.0			
				Per Via Statica Equivalente	-0.0	71935.6	-559640.1

Per Via Modale	0.0	71614.1	243943.3
Variazione	0.0	-321.5	803583.4

- Direzione di Ingresso del Sisma 6 Angolo 90.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
31	3.60644e+002	100.0	1.30064e+005	90.7	90.7
32	1.15175e+002	31.9	1.32654e+004	9.3	100.0
33	-1.47988e-004	0.0	2.19003e-008	0.0	100.0
34	0.00000e+000	0.0	0.00000e+000	0.0	100.0
35	0.00000e+000	0.0	0.00000e+000	0.0	100.0
36	0.00000e+000	0.0	0.00000e+000	0.0	100.0

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 90.00

Solaio	Ingombro in Pianta		Larghezza Apparente		Eccentricità dxG dyG		Sx	Sy	dJp
	B [m]	H [m]	[m]		[m]	[m]	[m] [m] [UTM]x[m]	[UTM]x[m]	[UTM m²]
1	36.00	48.80	36.00	1.80	-1.80	-0.00	0.0	-257993.4	464388.0

Direzione di Ingresso del Sisma 6 Angolo 90.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	31	0.0	63749.7	-512832.0			
	32	0.0	8094.7	481033.3			
	33	-0.0	0.0	-0.0			
	34	0.0	0.0	0.0			
	35	0.0	0.0	0.0			
	36	0.0	0.0	0.0			
				Per Via Statica Equivalente	-0.0	70251.6	44821.6
				Per Via Modale	0.0	65618.6	-640413.9
				Variazione	0.0	-4632.9	-685235.5

- Direzione di Ingresso del Sisma 7 Angolo 270.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
37	-3.60644e+002	100.0	1.30064e+005	90.7	90.7
38	-1.15175e+002	31.9	1.32654e+004	9.3	100.0
39	-4.36169e-005	0.0	1.90243e-009	0.0	100.0
40	0.00000e+000	0.0	0.00000e+000	0.0	100.0
41	0.00000e+000	0.0	0.00000e+000	0.0	100.0
42	0.00000e+000	0.0	0.00000e+000	0.0	100.0

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 270.00

Solaio	Ingombro in Pianta		Larghezza Apparente		Eccentricità dxG dyG		Sx	Sy	dJp
	B [m]	H [m]	[m]		[m]	[m]	[m] [m] [UTM]x[m]	[UTM]x[m]	[UTM m²]
1	36.00	48.80	36.00	1.80	-1.80	-0.00	0.0	-257993.4	464388.1

Direzione di Ingresso del Sisma 7 Angolo 270.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	37	-0.0	-63749.7	512832.0			
	38	-0.0	-8094.7	-481033.3			
	39	-0.0	0.0	-0.0			
	40	0.0	0.0	0.0			

	41	0.0	0.0	0.0			
	42	0.0	0.0	0.0			
				Per Via Statica Equivalente	0.0	-70251.6	546538.6
				Per Via Modale	-0.0	-65618.6	640413.9
				Variazione	-0.1	4632.9	93875.3

- Direzione di Ingresso del Sisma 8 Angolo 270.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
43	-3.77373e+002	100.0	1.42410e+005	99.4	99.4
44	3.03207e+001	8.0	9.19347e+002	0.6	100.0
45	-1.52782e-003	0.0	2.33423e-006	0.0	100.0
46	0.00000e+000	0.0	0.00000e+000	0.0	100.0
47	0.00000e+000	0.0	0.00000e+000	0.0	100.0
48	0.00000e+000	0.0	0.00000e+000	0.0	100.0

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 270.00

Solaio	Ingombro in Pianta B [m]	H [m]	Larghezza [m]	Apparente [m]	Eccentricità dxG [m]	dyG [m]	Sx [UTM]x[m]	Sy [UTM]x[m]	dJp [UTM m²]
1	36.00	48.80	36.00	1.80	1.80	0.00	-0.0	257993.4	464388.1

Direzione di Ingresso del Sisma 8 Angolo 270.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	43	0.2	-71474.2	-240941.4			
	44	0.0	-547.9	132340.8			
	45	-0.3	-0.0	-0.0			
	46	0.0	0.0	0.0			
	47	0.0	0.0	0.0			
	48	0.0	0.0	0.0			
				Per Via Statica Equivalente	0.0	-71935.6	-45896.1
				Per Via Modale	-0.1	-71614.1	-243943.4
				Variazione	-0.1	321.5	-198047.3

- Direzione di Ingresso del Sisma 9 Angolo 0.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
49	-3.27638e+002	100.0	1.07347e+005	74.9	74.9
50	1.62777e+002	49.7	2.64964e+004	18.5	93.4
51	-9.73996e+001	29.7	9.48667e+003	6.6	100.0
52	0.00000e+000	0.0	0.00000e+000	0.0	100.0
53	0.00000e+000	0.0	0.00000e+000	0.0	100.0
54	0.00000e+000	0.0	0.00000e+000	0.0	100.0

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 0.00

Solaio	Ingombro in Pianta B [m]	H [m]	Larghezza [m]	Apparente [m]	Eccentricità dxG [m]	dyG [m]	Sx [UTM]x[m]	Sy [UTM]x[m]	dJp [UTM m²]
1	36.00	48.80	48.80	2.44	0.00	-2.44	349724.3	0.0	853327.2

Direzione di Ingresso del Sisma 9 Angolo 0.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]

1	49	54467.8	-25938.8	484847.4			
	50	13733.0	28837.3	33508.5			
	51	5947.7	-2832.5	-420359.6			
	52	0.0	0.0	0.0			
	53	0.0	0.0	0.0			
	54	0.0	0.0	0.0			
				Per Via Statica Equivalente	72725.7	0.0	177836.5
				Per Via Modale	69097.4	8520.4	603444.6
				Variazione	-3628.4	8520.4	425608.2

- Direzione di Ingresso del Sisma 10 Angolo 0.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
55	3.27638e+002	100.0	1.07347e+005	74.9	74.9
56	1.62777e+002	49.7	2.64964e+004	18.5	93.4
57	9.73997e+001	29.7	9.48670e+003	6.6	100.0
58	0.00000e+000	0.0	0.00000e+000	0.0	100.0
59	0.00000e+000	0.0	0.00000e+000	0.0	100.0
60	0.00000e+000	0.0	0.00000e+000	0.0	100.0

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 0.00

Solaio	Ingombro in Pianta B [m]	H [m]	Larghezza [m]	Apparente [m]	Eccentricità dxG [m]	dyG [m]	Sx [UTM]x[m]	Sy [UTM]x[m]	dJp [UTM m²]
1	36.00	48.80	48.80	2.44	-0.00	2.44	-349724.3	-0.0	853327.2

Direzione di Ingresso del Sisma 10 Angolo 0.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	55	54467.9	25938.8	-484847.8			
	56	13732.9	-28837.2	-33508.4			
	57	5947.8	2832.5	420360.0			
	58	0.0	0.0	0.0			
	59	0.0	0.0	0.0			
	60	0.0	0.0	0.0			
				Per Via Statica Equivalente	72725.7	0.0	-177450.6
				Per Via Modale	69097.4	-8520.5	-603445.2
				Variazione	-3628.4	-8520.5	-425994.5

- Direzione di Ingresso del Sisma 11 Angolo 180.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
61	-3.27638e+002	100.0	1.07347e+005	74.9	74.9
62	-1.62777e+002	49.7	2.64964e+004	18.5	93.4
63	-9.73997e+001	29.7	9.48669e+003	6.6	100.0
64	0.00000e+000	0.0	0.00000e+000	0.0	100.0
65	0.00000e+000	0.0	0.00000e+000	0.0	100.0
66	0.00000e+000	0.0	0.00000e+000	0.0	100.0

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 180.00

Solaio	Ingombro in Pianta B [m]	H [m]	Larghezza [m]	Apparente [m]	Eccentricità dxG [m]	dyG [m]	Sx [UTM]x[m]	Sy [UTM]x[m]	dJp [UTM m²]
1	36.00	48.80	48.80	2.44	-0.00	2.44	-349724.3	-0.0	853327.3

Direzione di Ingresso del Sisma 11 Angolo 180.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	61	-54467.8	-25938.8	484847.7			
	62	-13733.0	28837.3	33508.4			
	63	-5947.8	-2832.5	-420360.0			
	64	0.0	0.0	0.0			
	65	0.0	0.0	0.0			
	66	0.0	0.0	0.0			
				Per Via Statica Equivalente	-72725.7	-0.0	-177826.2
				Per Via Modale	-69097.4	8520.5	603445.1
				Variazione	3628.4	8520.5	781271.3

- Direzione di Ingresso del Sisma 12 Angolo 180.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
67	3.27638e+002	100.0	1.07347e+005	74.9	74.9
68	-1.62777e+002	49.7	2.64964e+004	18.5	93.4
69	9.73996e+001	29.7	9.48668e+003	6.6	100.0
70	0.00000e+000	0.0	0.00000e+000	0.0	100.0
71	0.00000e+000	0.0	0.00000e+000	0.0	100.0
72	0.00000e+000	0.0	0.00000e+000	0.0	100.0

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 180.00

Solaio	Ingombro in Pianta B [m]	H [m]	Larghezza Apparente [m]	Eccentricità dxG [m]	dyG [m]	Sx [UTM]x[m]	Sy [UTM]x[m]	dJp [UTM m²]
1	36.00	48.80	48.80	2.44	0.00	-2.44	349724.3	0.0	853327.3

Direzione di Ingresso del Sisma 12 Angolo 180.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	67	-54467.9	25938.8	-484847.5			
	68	-13733.0	-28837.2	-33508.4			
	69	-5947.7	2832.5	420359.7			
	70	0.0	0.0	0.0			
	71	0.0	0.0	0.0			
	72	0.0	0.0	0.0			
				Per Via Statica Equivalente	-72725.7	-0.0	177450.7
				Per Via Modale	-69097.4	-8520.4	-603444.8
				Variazione	3628.4	-8520.4	-780895.4

- Direzione di Ingresso del Sisma 13 Angolo 90.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
73	3.77373e+002	100.0	1.42410e+005	99.4	99.4
74	-3.03207e+001	8.0	9.19346e+002	0.6	100.0
75	1.26380e-003	0.0	1.59719e-006	0.0	100.0
76	0.00000e+000	0.0	0.00000e+000	0.0	100.0
77	0.00000e+000	0.0	0.00000e+000	0.0	100.0
78	0.00000e+000	0.0	0.00000e+000	0.0	100.0

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 90.00

Solaio	Ingombro in Pianta B [m]	H [m]	Larghezza Apparente [m]	Eccentricità dxG [m]	dyG [m]	Sx [UTM]x[m]	Sy [UTM]x[m]	dJp [UTM m²]
1	36.00	48.80	36.00	1.80	1.80	0.00	-0.0	257993.4	464388.0

Direzione di Ingresso del Sisma 13 Angolo 90.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	73	-0.2	73712.9	248488.1			
	74	-0.0	565.0	-136485.9			
	75	0.2	0.0	0.0			
	76	0.0	0.0	0.0			
	77	0.0	0.0	0.0			
	78	0.0	0.0	0.0			
				Per Via Statica Equivalente	-0.0	74188.8	-577169.3
				Per Via Modale	0.0	73857.2	251584.1
				Variazione	0.0	-331.6	828753.4

- Direzione di Ingresso del Sisma 14 Angolo 90.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
79	3.60644e+002	100.0	1.30064e+005	90.7	90.7
80	1.15175e+002	31.9	1.32654e+004	9.3	100.0
81	-1.47988e-004	0.0	2.19003e-008	0.0	100.0
82	0.00000e+000	0.0	0.00000e+000	0.0	100.0
83	0.00000e+000	0.0	0.00000e+000	0.0	100.0
84	0.00000e+000	0.0	0.00000e+000	0.0	100.0

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 90.00

Solaio	Ingombro in Pianta B [m]	H [m]	Larghezza Apparente [m]	Eccentricità dxG [m]	dyG [m]	Sx [UTM]x[m]	Sy [UTM]x[m]	dJp [UTM m²]
1	36.00	48.80	36.00	1.80	-1.80	-0.00	0.0	-257993.4	464388.0

Direzione di Ingresso del Sisma 14 Angolo 90.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	79	0.0	65746.4	-528894.9			
	80	0.0	8348.3	496100.3			
	81	-0.0	0.0	-0.0			
	82	0.0	0.0	0.0			
	83	0.0	0.0	0.0			
	84	0.0	0.0	0.0			
				Per Via Statica Equivalente	-0.0	72452.0	46225.6
				Per Via Modale	0.0	67673.9	-660473.0
				Variazione	0.0	-4778.1	-706698.6

- Direzione di Ingresso del Sisma 15 Angolo 270.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
85	-3.60644e+002	100.0	1.30064e+005	90.7	90.7
86	-1.15175e+002	31.9	1.32654e+004	9.3	100.0
87	-4.36169e-005	0.0	1.90243e-009	0.0	100.0
88	0.00000e+000	0.0	0.00000e+000	0.0	100.0
89	0.00000e+000	0.0	0.00000e+000	0.0	100.0

90	0.00000e+000	0.0	0.00000e+000	0.0	100.0

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 270.00

Solaio	Ingombro in Pianta		Larghezza Apparente		Eccentricità dxG	dyG	Sx	Sy	dJp
	B [m]	H [m]	[m]		[m]	[m]	[m]	[UTM]x[m]	[UTM]x[m]	[UTM m²]
1	36.00	48.80	36.00	1.80	-1.80	-0.00	0.0	-257993.4		464388.1

Direzione di Ingresso del Sisma 15 Angolo 270.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	85	-0.0	-65746.4	528895.0			
	86	-0.0	-8348.3	-496100.3			
	87	-0.0	0.0	-0.0			
	88	0.0	0.0	0.0			
	89	0.0	0.0	0.0			
	90	0.0	0.0	0.0			
				Per Via Statica Equivalente	0.0	-72452.0	563657.3
				Per Via Modale	-0.0	-67673.9	660473.0
				Variazione	-0.1	4778.1	96815.7

- Direzione di Ingresso del Sisma 16 Angolo 270.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
91	-3.77373e+002	100.0	1.42410e+005	99.4	99.4
92	3.03207e+001	8.0	9.19347e+002	0.6	100.0
93	-1.52782e-003	0.0	2.33423e-006	0.0	100.0
94	0.00000e+000	0.0	0.00000e+000	0.0	100.0
95	0.00000e+000	0.0	0.00000e+000	0.0	100.0
96	0.00000e+000	0.0	0.00000e+000	0.0	100.0

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 270.00

Solaio	Ingombro in Pianta		Larghezza Apparente		Eccentricità dxG	dyG	Sx	Sy	dJp
	B [m]	H [m]	[m]		[m]	[m]	[m]	[UTM]x[m]	[UTM]x[m]	[UTM m²]
1	36.00	48.80	36.00	1.80	1.80	0.00	-0.0	257993.4		464388.1

Direzione di Ingresso del Sisma 16 Angolo 270.00 [°]

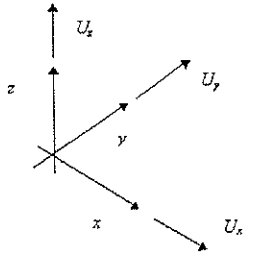
Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	91	0.2	-73712.9	-248488.2			
	92	0.0	-565.0	136486.0			
	93	-0.3	-0.0	-0.0			
	94	0.0	0.0	0.0			
	95	0.0	0.0	0.0			
	96	0.0	0.0	0.0			
				Per Via Statica Equivalente	0.0	-74188.8	-47333.7
				Per Via Modale	-0.1	-73857.2	-251584.2
				Variazione	-0.1	331.6	-204250.5

- Spostamenti nodali

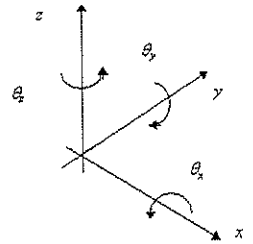
- Convenzioni adottate

La terna di riferimento generale è destrorsa per cui si hanno i seguenti segni positivi per le componenti di

spostamento nodale:



e per quanto riguarda le rotazioni:



Nel seguito vengono riportate, per ogni nodo (con esclusione dei nodi *K* che definiscono l'orientamento delle aste e quindi, essendo bloccati, hanno componenti di spostamento nulle), le componenti di spostamento in tutte le combinazioni di carico definite.

Nodo	Comb.	Ux [cm]	Uy [cm]	Uz [cm]	Rx [°]	Ry [°]	Rz [°]
1	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00

	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
	51	0.00	0.00	0.00	0.00	0.00	0.00
	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
	56	0.00	0.00	0.00	0.00	0.00	0.00
	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
2	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00

	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
	51	0.00	0.00	0.00	0.00	0.00	0.00
	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
	56	0.00	0.00	0.00	0.00	0.00	0.00
	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00

	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
3	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00

	50	0.00	0.00	0.00	0.00	0.00	0.00
	51	0.00	0.00	0.00	0.00	0.00	0.00
	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
	56	0.00	0.00	0.00	0.00	0.00	0.00
	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
4	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
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	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
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	17	0.00	0.00	0.00	0.00	0.00	0.00
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	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
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	41	0.00	0.00	0.00	0.00	0.00	0.00
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	44	0.00	0.00	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
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	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
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	57	0.00	0.00	0.00	0.00	0.00	0.00
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	60	0.00	0.00	0.00	0.00	0.00	0.00
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	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
5	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
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	12	0.00	0.00	0.00	0.00	0.00	0.00
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	14	0.00	0.00	0.00	0.00	0.00	0.00
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	18	0.00	0.00	0.00	0.00	0.00	0.00
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	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
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	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
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	53	0.00	0.00	0.00	0.00	0.00	0.00
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	56	0.00	0.00	0.00	0.00	0.00	0.00
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	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
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	62	0.00	0.00	0.00	0.00	0.00	0.00
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	64	0.00	0.00	0.00	0.00	0.00	0.00
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	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00

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	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
6	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
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	6	0.00	0.00	0.00	0.00	0.00	0.00
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	41	0.00	0.00	0.00	0.00	0.00	0.00
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	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
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	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
7	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
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	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
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	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
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	44	0.00	0.00	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
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	49	0.00	0.00	0.00	0.00	0.00	0.00
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	52	0.00	0.00	0.00	0.00	0.00	0.00
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	59	0.00	0.00	0.00	0.00	0.00	0.00
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	61	0.00	0.00	0.00	0.00	0.00	0.00
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	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
8	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
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	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
	51	0.00	0.00	0.00	0.00	0.00	0.00
	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
	56	0.00	0.00	0.00	0.00	0.00	0.00
	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00

	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
9	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
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	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
10	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
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	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00

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	36	0.00	0.00	0.00	0.00	0.00	0.00
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	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
	51	0.00	0.00	0.00	0.00	0.00	0.00
	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
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	61	0.00	0.00	0.00	0.00	0.00	0.00
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	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
11	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00

	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
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	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
	51	0.00	0.00	0.00	0.00	0.00	0.00
	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
	56	0.00	0.00	0.00	0.00	0.00	0.00
	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
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	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00

	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
12	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
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	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
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	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
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	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	0.00	0.00	0.00
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	43	0.00	0.00	0.00	0.00	0.00	0.00
	44	0.00	0.00	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
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	52	0.00	0.00	0.00	0.00	0.00	0.00
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	57	0.00	0.00	0.00	0.00	0.00	0.00
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	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
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	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
13	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
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	7	0.00	0.00	0.00	0.00	0.00	0.00
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	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
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	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
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	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
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	43	0.00	0.00	0.00	0.00	0.00	0.00
	44	0.00	0.00	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
	51	0.00	0.00	0.00	0.00	0.00	0.00
	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
	56	0.00	0.00	0.00	0.00	0.00	0.00
	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
14	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00

	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
	51	0.00	0.00	0.00	0.00	0.00	0.00
	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
	56	0.00	0.00	0.00	0.00	0.00	0.00
	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00

	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
15	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
	51	0.00	0.00	0.00	0.00	0.00	0.00
	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
	56	0.00	0.00	0.00	0.00	0.00	0.00
	57	0.00	0.00	0.00	0.00	0.00	0.00

	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
16	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00

	37	0.00	0.00	0.00	0.00	0.00	0.00
	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
	51	0.00	0.00	0.00	0.00	0.00	0.00
	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
	56	0.00	0.00	0.00	0.00	0.00	0.00
	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
101	1	2.20	-0.00	-0.05	0.00	0.00	0.00
	2	-2.20	0.00	-0.05	0.00	0.00	-0.00
	3	0.00	1.65	-0.05	0.00	0.00	0.00
	4	-0.00	-1.63	-0.05	0.00	0.00	-0.00
	5	3.67	-0.00	-0.05	0.00	0.00	0.00
	6	-3.67	0.00	-0.05	0.00	0.00	-0.00
	7	0.00	2.75	-0.05	0.00	0.00	0.00
	8	-0.00	-2.71	-0.05	0.00	0.00	-0.00
	9	4.74	-0.34	-0.04	0.00	0.00	0.03
	10	4.15	-0.00	-0.04	0.00	0.00	0.02
	11	5.08	-2.61	-0.04	0.00	0.00	0.04
	12	4.49	-2.28	-0.04	0.00	0.00	0.03
	13	2.10	2.28	-0.04	0.00	0.00	-0.03
	14	1.52	2.61	-0.04	0.00	0.00	-0.04
	15	2.45	0.00	-0.04	0.00	0.00	-0.02

	16	1.86	0.34	-0.04	0.00	0.00	-0.03
	17	-1.86	-0.34	-0.04	0.00	0.00	0.03
	18	-2.45	-0.00	-0.04	0.00	0.00	0.02
	19	-1.52	-2.61	-0.04	0.00	0.00	0.04
	20	-2.10	-2.28	-0.04	0.00	0.00	0.03
	21	-4.49	2.28	-0.04	0.00	0.00	-0.03
	22	-5.08	2.61	-0.04	0.00	0.00	-0.04
	23	-4.15	0.00	-0.04	0.00	0.00	-0.02
	24	-4.74	0.34	-0.04	0.00	0.00	-0.03
	25	1.79	2.84	-0.04	0.00	0.00	0.02
	26	1.00	3.62	-0.04	0.00	0.00	0.00
	27	-0.19	2.84	-0.04	0.00	0.00	0.02
	28	-0.98	3.62	-0.04	0.00	0.00	0.00
	29	-0.17	3.96	-0.04	0.00	0.00	-0.03
	30	-0.96	4.74	-0.04	0.00	0.00	-0.05
	31	-2.15	3.96	-0.04	0.00	0.00	-0.03
	32	-2.94	4.74	-0.04	0.00	0.00	-0.05
	33	2.94	-4.74	-0.04	0.00	0.00	0.05
	34	2.15	-3.96	-0.04	0.00	0.00	0.03
	35	0.96	-4.74	-0.04	0.00	0.00	0.05
	36	0.17	-3.96	-0.04	0.00	0.00	0.03
	37	0.98	-3.62	-0.04	0.00	0.00	-0.00
	38	0.19	-2.84	-0.04	0.00	0.00	-0.02
	39	-1.00	-3.62	-0.04	0.00	0.00	-0.00
	40	-1.79	-2.84	-0.04	0.00	0.00	-0.02
	41	1.47	-0.00	-0.04	0.00	0.00	0.00
	42	-1.47	0.00	-0.04	0.00	0.00	-0.00
	43	0.00	1.10	-0.04	0.00	0.00	0.00
	44	-0.00	-1.08	-0.04	0.00	0.00	-0.00
	45	2.45	-0.00	-0.04	0.00	0.00	0.00
	46	-2.45	0.00	-0.04	0.00	0.00	-0.00
	47	0.00	1.84	-0.04	0.00	0.00	0.00
	48	-0.00	-1.81	-0.04	0.00	0.00	-0.00
	49	0.00	0.00	-0.04	0.00	0.00	0.00
	50	0.49	-0.00	-0.04	0.00	0.00	0.00
	51	-0.49	0.00	-0.04	0.00	0.00	-0.00
	52	0.00	0.37	-0.04	0.00	0.00	0.00
	53	-0.00	-0.36	-0.04	0.00	0.00	-0.00
	54	0.00	0.00	-0.04	0.00	0.00	0.00
	55	4.88	-0.35	-0.04	0.00	0.00	0.03
	56	4.28	-0.00	-0.04	0.00	0.00	0.02
	57	5.24	-2.69	-0.04	0.00	0.00	0.04
	58	4.63	-2.35	-0.04	0.00	0.00	0.03
	59	2.17	2.35	-0.04	0.00	0.00	-0.03
	60	1.56	2.69	-0.04	0.00	0.00	-0.04
	61	2.52	0.00	-0.04	0.00	0.00	-0.02
	62	1.92	0.35	-0.04	0.00	0.00	-0.03
	63	-1.92	-0.35	-0.04	0.00	0.00	0.03
	64	-2.52	-0.00	-0.04	0.00	0.00	0.02
	65	-1.56	-2.69	-0.04	0.00	0.00	0.04
	66	-2.17	-2.35	-0.04	0.00	0.00	0.03
	67	-4.63	2.35	-0.04	0.00	0.00	-0.03
	68	-5.24	2.69	-0.04	0.00	0.00	-0.04
	69	-4.28	0.00	-0.04	0.00	0.00	-0.02
	70	-4.88	0.35	-0.04	0.00	0.00	-0.03
	71	1.84	2.93	-0.04	0.00	0.00	0.02
	72	1.03	3.74	-0.04	0.00	0.00	0.00
	73	-0.20	2.93	-0.04	0.00	0.00	0.02
	74	-1.01	3.74	-0.04	0.00	0.00	0.00
	75	-0.17	4.08	-0.04	0.00	0.00	-0.03
	76	-0.99	4.89	-0.04	0.00	0.00	-0.05
	77	-2.21	4.08	-0.04	0.00	0.00	-0.03
	78	-3.03	4.89	-0.04	0.00	0.00	-0.05
	79	3.03	-4.89	-0.04	0.00	0.00	0.05
	80	2.21	-4.08	-0.04	0.00	0.00	0.03

	81	0.99	-4.89	-0.04	0.00	0.00	0.05
	82	0.17	-4.08	-0.04	0.00	0.00	0.03
	83	1.01	-3.74	-0.04	0.00	0.00	-0.00
	84	0.20	-2.93	-0.04	0.00	0.00	-0.02
	85	-1.03	-3.74	-0.04	0.00	0.00	-0.00
	86	-1.84	-2.93	-0.04	0.00	0.00	-0.02
102	1	2.20	-0.00	-0.10	0.00	0.00	0.00
	2	-2.20	0.00	-0.10	0.00	0.00	-0.00
	3	0.00	1.65	-0.10	0.00	0.00	0.00
	4	-0.00	-1.63	-0.10	0.00	0.00	-0.00
	5	3.67	-0.00	-0.09	0.00	0.00	0.00
	6	-3.67	0.00	-0.09	0.00	0.00	-0.00
	7	0.00	2.75	-0.09	0.00	0.00	0.00
	8	-0.00	-2.71	-0.09	0.00	0.00	-0.00
	9	4.74	0.37	-0.07	0.00	0.00	0.03
	10	4.15	0.42	-0.07	0.00	0.00	0.02
	11	5.08	-1.73	-0.07	0.00	0.00	0.04
	12	4.49	-1.69	-0.07	0.00	0.00	0.03
	13	2.10	1.69	-0.07	0.00	0.00	-0.03
	14	1.52	1.73	-0.07	0.00	0.00	-0.04
	15	2.45	-0.42	-0.07	0.00	0.00	-0.02
	16	1.86	-0.37	-0.07	0.00	0.00	-0.03
	17	-1.86	0.37	-0.07	0.00	0.00	0.03
	18	-2.45	0.42	-0.07	0.00	0.00	0.02
	19	-1.52	-1.73	-0.07	0.00	0.00	0.04
	20	-2.10	-1.69	-0.07	0.00	0.00	0.03
	21	-4.49	1.69	-0.07	0.00	0.00	-0.03
	22	-5.08	1.73	-0.07	0.00	0.00	-0.04
	23	-4.15	-0.42	-0.07	0.00	0.00	-0.02
	24	-4.74	-0.37	-0.07	0.00	0.00	-0.03
	25	1.79	3.23	-0.07	0.00	0.00	0.02
	26	1.00	3.63	-0.07	0.00	0.00	0.00
	27	-0.19	3.23	-0.07	0.00	0.00	0.02
	28	-0.98	3.63	-0.07	0.00	0.00	0.00
	29	-0.17	3.39	-0.07	0.00	0.00	-0.03
	30	-0.96	3.78	-0.07	0.00	0.00	-0.05
	31	-2.15	3.39	-0.07	0.00	0.00	-0.03
	32	-2.94	3.78	-0.07	0.00	0.00	-0.05
	33	2.94	-3.78	-0.07	0.00	0.00	0.05
	34	2.15	-3.39	-0.07	0.00	0.00	0.03
	35	0.96	-3.78	-0.07	0.00	0.00	0.05
	36	0.17	-3.39	-0.07	0.00	0.00	0.03
	37	0.98	-3.63	-0.07	0.00	0.00	-0.00
	38	0.19	-3.23	-0.07	0.00	0.00	-0.02
	39	-1.00	-3.63	-0.07	0.00	0.00	-0.00
	40	-1.79	-3.23	-0.07	0.00	0.00	-0.02
	41	1.47	-0.00	-0.07	0.00	0.00	0.00
	42	-1.47	0.00	-0.07	0.00	0.00	-0.00
	43	0.00	1.10	-0.07	0.00	0.00	0.00
	44	-0.00	-1.08	-0.07	0.00	0.00	-0.00
	45	2.45	-0.00	-0.07	0.00	0.00	0.00
	46	-2.45	0.00	-0.07	0.00	0.00	-0.00
	47	0.00	1.84	-0.07	0.00	0.00	0.00
	48	-0.00	-1.81	-0.07	0.00	0.00	-0.00
	49	0.00	0.00	-0.07	0.00	0.00	0.00
	50	0.49	-0.00	-0.07	0.00	0.00	0.00
	51	-0.49	0.00	-0.07	0.00	0.00	-0.00
	52	0.00	0.37	-0.07	0.00	0.00	0.00
	53	-0.00	-0.36	-0.07	0.00	0.00	-0.00
	54	0.00	0.00	-0.07	0.00	0.00	0.00
	55	4.88	0.38	-0.07	0.00	0.00	0.03
	56	4.28	0.43	-0.07	0.00	0.00	0.02
	57	5.24	-1.79	-0.07	0.00	0.00	0.04
	58	4.63	-1.74	-0.07	0.00	0.00	0.03
	59	2.17	1.74	-0.07	0.00	0.00	-0.03

	60	1.56	1.79	-0.07	0.00	0.00	-0.04
	61	2.52	-0.43	-0.07	0.00	0.00	-0.02
	62	1.92	-0.38	-0.07	0.00	0.00	-0.03
	63	-1.92	0.38	-0.07	0.00	0.00	0.03
	64	-2.52	0.43	-0.07	0.00	0.00	0.02
	65	-1.56	-1.79	-0.07	0.00	0.00	0.04
	66	-2.17	-1.74	-0.07	0.00	0.00	0.03
	67	-4.63	1.74	-0.07	0.00	0.00	-0.03
	68	-5.24	1.79	-0.07	0.00	0.00	-0.04
	69	-4.28	-0.43	-0.07	0.00	0.00	-0.02
	70	-4.88	-0.38	-0.07	0.00	0.00	-0.03
	71	1.84	3.34	-0.07	0.00	0.00	0.02
	72	1.03	3.74	-0.07	0.00	0.00	0.00
	73	-0.20	3.34	-0.07	0.00	0.00	0.02
	74	-1.01	3.74	-0.07	0.00	0.00	0.00
	75	-0.17	3.50	-0.07	0.00	0.00	-0.03
	76	-0.99	3.90	-0.07	0.00	0.00	-0.05
	77	-2.21	3.50	-0.07	0.00	0.00	-0.03
	78	-3.03	3.90	-0.07	0.00	0.00	-0.05
	79	3.03	-3.90	-0.07	0.00	0.00	0.05
	80	2.21	-3.50	-0.07	0.00	0.00	0.03
	81	0.99	-3.90	-0.07	0.00	0.00	0.05
	82	0.17	-3.50	-0.07	0.00	0.00	0.03
	83	1.01	-3.74	-0.07	0.00	0.00	-0.00
	84	0.20	-3.34	-0.07	0.00	0.00	-0.02
	85	-1.03	-3.74	-0.07	0.00	0.00	-0.00
	86	-1.84	-3.34	-0.07	0.00	0.00	-0.02
103	1	2.20	0.00	-0.10	0.00	0.00	0.00
	2	-2.20	-0.00	-0.10	0.00	0.00	-0.00
	3	0.00	1.65	-0.10	0.00	0.00	0.00
	4	-0.00	-1.63	-0.10	0.00	0.00	-0.00
	5	3.67	0.00	-0.09	0.00	0.00	0.00
	6	-3.67	-0.00	-0.09	0.00	0.00	-0.00
	7	0.00	2.75	-0.09	0.00	0.00	0.00
	8	-0.00	-2.71	-0.09	0.00	0.00	-0.00
	9	4.74	1.08	-0.07	0.00	0.00	0.03
	10	4.15	0.84	-0.07	0.00	0.00	0.02
	11	5.08	-0.86	-0.07	0.00	0.00	0.04
	12	4.49	-1.10	-0.07	0.00	0.00	0.03
	13	2.10	1.10	-0.07	0.00	0.00	-0.03
	14	1.52	0.86	-0.07	0.00	0.00	-0.04
	15	2.45	-0.84	-0.07	0.00	0.00	-0.02
	16	1.86	-1.08	-0.07	0.00	0.00	-0.03
	17	-1.86	1.08	-0.07	0.00	0.00	0.03
	18	-2.45	0.84	-0.07	0.00	0.00	0.02
	19	-1.52	-0.86	-0.07	0.00	0.00	0.04
	20	-2.10	-1.10	-0.07	0.00	0.00	0.03
	21	-4.49	1.10	-0.07	0.00	0.00	-0.03
	22	-5.08	0.86	-0.07	0.00	0.00	-0.04
	23	-4.15	-0.84	-0.07	0.00	0.00	-0.02
	24	-4.74	-1.08	-0.07	0.00	0.00	-0.03
	25	1.79	3.63	-0.07	0.00	0.00	0.02
	26	1.00	3.63	-0.07	0.00	0.00	0.00
	27	-0.19	3.63	-0.07	0.00	0.00	0.02
	28	-0.98	3.63	-0.07	0.00	0.00	0.00
	29	-0.17	2.82	-0.07	0.00	0.00	-0.03
	30	-0.96	2.83	-0.07	0.00	0.00	-0.05
	31	-2.15	2.82	-0.07	0.00	0.00	-0.03
	32	-2.94	2.83	-0.07	0.00	0.00	-0.05
	33	2.94	-2.83	-0.07	0.00	0.00	0.05
	34	2.15	-2.82	-0.07	0.00	0.00	0.03
	35	0.96	-2.83	-0.07	0.00	0.00	0.05
	36	0.17	-2.82	-0.07	0.00	0.00	0.03
	37	0.98	-3.63	-0.07	0.00	0.00	-0.00
	38	0.19	-3.63	-0.07	0.00	0.00	-0.02

	39	-1.00	-3.63	-0.07	0.00	0.00	-0.00
	40	-1.79	-3.63	-0.07	0.00	0.00	-0.02
	41	1.47	0.00	-0.07	0.00	0.00	0.00
	42	-1.47	-0.00	-0.07	0.00	0.00	-0.00
	43	0.00	1.10	-0.07	0.00	0.00	0.00
	44	-0.00	-1.08	-0.07	0.00	0.00	-0.00
	45	2.45	0.00	-0.07	0.00	0.00	0.00
	46	-2.45	-0.00	-0.07	0.00	0.00	-0.00
	47	0.00	1.84	-0.07	0.00	0.00	0.00
	48	-0.00	-1.81	-0.07	0.00	0.00	-0.00
	49	0.00	0.00	-0.07	0.00	0.00	0.00
	50	0.49	0.00	-0.07	0.00	0.00	0.00
	51	-0.49	-0.00	-0.07	0.00	0.00	-0.00
	52	0.00	0.37	-0.07	0.00	0.00	0.00
	53	-0.00	-0.36	-0.07	0.00	0.00	-0.00
	54	0.00	0.00	-0.07	0.00	0.00	0.00
	55	4.88	1.11	-0.07	0.00	0.00	0.03
	56	4.28	0.86	-0.07	0.00	0.00	0.02
	57	5.24	-0.88	-0.07	0.00	0.00	0.04
	58	4.63	-1.13	-0.07	0.00	0.00	0.03
	59	2.17	1.13	-0.07	0.00	0.00	-0.03
	60	1.56	0.88	-0.07	0.00	0.00	-0.04
	61	2.52	-0.86	-0.07	0.00	0.00	-0.02
	62	1.92	-1.11	-0.07	0.00	0.00	-0.03
	63	-1.92	1.11	-0.07	0.00	0.00	0.03
	64	-2.52	0.86	-0.07	0.00	0.00	0.02
	65	-1.56	-0.88	-0.07	0.00	0.00	0.04
	66	-2.17	-1.13	-0.07	0.00	0.00	0.03
	67	-4.63	1.13	-0.07	0.00	0.00	-0.03
	68	-5.24	0.88	-0.07	0.00	0.00	-0.04
	69	-4.28	-0.86	-0.07	0.00	0.00	-0.02
	70	-4.88	-1.11	-0.07	0.00	0.00	-0.03
	71	1.84	3.74	-0.07	0.00	0.00	0.02
	72	1.03	3.75	-0.07	0.00	0.00	0.00
	73	-0.20	3.74	-0.07	0.00	0.00	0.02
	74	-1.01	3.75	-0.07	0.00	0.00	0.00
	75	-0.17	2.91	-0.07	0.00	0.00	-0.03
	76	-0.99	2.91	-0.07	0.00	0.00	-0.05
	77	-2.21	2.91	-0.07	0.00	0.00	-0.03
	78	-3.03	2.91	-0.07	0.00	0.00	-0.05
	79	3.03	-2.91	-0.07	0.00	0.00	0.05
	80	2.21	-2.91	-0.07	0.00	0.00	0.03
	81	0.99	-2.91	-0.07	0.00	0.00	0.05
	82	0.17	-2.91	-0.07	0.00	0.00	0.03
	83	1.01	-3.75	-0.07	0.00	0.00	-0.00
	84	0.20	-3.74	-0.07	0.00	0.00	-0.02
	85	-1.03	-3.75	-0.07	0.00	0.00	-0.00
	86	-1.84	-3.74	-0.07	0.00	0.00	-0.02
104	1	2.20	0.00	-0.05	0.00	0.00	0.00
	2	-2.20	-0.00	-0.05	0.00	0.00	-0.00
	3	0.00	1.65	-0.05	0.00	0.00	0.00
	4	-0.00	-1.63	-0.05	0.00	0.00	-0.00
	5	3.67	0.00	-0.05	0.00	0.00	0.00
	6	-3.67	-0.00	-0.05	0.00	0.00	-0.00
	7	0.00	2.75	-0.05	0.00	0.00	0.00
	8	-0.00	-2.71	-0.05	0.00	0.00	-0.00
	9	4.74	1.79	-0.04	0.00	0.00	0.03
	10	4.15	1.25	-0.04	0.00	0.00	0.02
	11	5.08	0.02	-0.04	0.00	0.00	0.04
	12	4.49	-0.51	-0.04	0.00	0.00	0.03
	13	2.10	0.51	-0.04	0.00	0.00	-0.03
	14	1.52	-0.02	-0.04	0.00	0.00	-0.04
	15	2.45	-1.25	-0.04	0.00	0.00	-0.02
	16	1.86	-1.79	-0.04	0.00	0.00	-0.03
	17	-1.86	1.79	-0.04	0.00	0.00	0.03

	18	-2.45	1.25	-0.04	0.00	0.00	0.02
	19	-1.52	0.02	-0.04	0.00	0.00	0.04
	20	-2.10	-0.51	-0.04	0.00	0.00	0.03
	21	-4.49	0.51	-0.04	0.00	0.00	-0.03
	22	-5.08	-0.02	-0.04	0.00	0.00	-0.04
	23	-4.15	-1.25	-0.04	0.00	0.00	-0.02
	24	-4.74	-1.79	-0.04	0.00	0.00	-0.03
	25	1.79	4.02	-0.04	0.00	0.00	0.02
	26	1.00	3.64	-0.04	0.00	0.00	0.00
	27	-0.19	4.02	-0.04	0.00	0.00	0.02
	28	-0.98	3.64	-0.04	0.00	0.00	0.00
	29	-0.17	2.25	-0.04	0.00	0.00	-0.03
	30	-0.96	1.87	-0.04	0.00	0.00	-0.05
	31	-2.15	2.25	-0.04	0.00	0.00	-0.03
	32	-2.94	1.87	-0.04	0.00	0.00	-0.05
	33	2.94	-1.87	-0.04	0.00	0.00	0.05
	34	2.15	-2.25	-0.04	0.00	0.00	0.03
	35	0.96	-1.87	-0.04	0.00	0.00	0.05
	36	0.17	-2.25	-0.04	0.00	0.00	0.03
	37	0.98	-3.64	-0.04	0.00	0.00	-0.00
	38	0.19	-4.02	-0.04	0.00	0.00	-0.02
	39	-1.00	-3.64	-0.04	0.00	0.00	-0.00
	40	-1.79	-4.02	-0.04	0.00	0.00	-0.02
	41	1.47	0.00	-0.04	0.00	0.00	0.00
	42	-1.47	-0.00	-0.04	0.00	0.00	-0.00
	43	0.00	1.10	-0.04	0.00	0.00	0.00
	44	-0.00	-1.08	-0.04	0.00	0.00	-0.00
	45	2.45	0.00	-0.04	0.00	0.00	0.00
	46	-2.45	-0.00	-0.04	0.00	0.00	-0.00
	47	0.00	1.84	-0.04	0.00	0.00	0.00
	48	-0.00	-1.81	-0.04	0.00	0.00	-0.00
	49	0.00	0.00	-0.04	0.00	0.00	0.00
	50	0.49	0.00	-0.04	0.00	0.00	0.00
	51	-0.49	-0.00	-0.04	0.00	0.00	-0.00
	52	0.00	0.37	-0.04	0.00	0.00	0.00
	53	-0.00	-0.36	-0.04	0.00	0.00	-0.00
	54	0.00	0.00	-0.04	0.00	0.00	0.00
	55	4.88	1.84	-0.04	0.00	0.00	0.03
	56	4.28	1.29	-0.04	0.00	0.00	0.02
	57	5.24	0.02	-0.04	0.00	0.00	0.04
	58	4.63	-0.53	-0.04	0.00	0.00	0.03
	59	2.17	0.53	-0.04	0.00	0.00	-0.03
	60	1.56	-0.02	-0.04	0.00	0.00	-0.04
	61	2.52	-1.29	-0.04	0.00	0.00	-0.02
	62	1.92	-1.84	-0.04	0.00	0.00	-0.03
	63	-1.92	1.84	-0.04	0.00	0.00	0.03
	64	-2.52	1.29	-0.04	0.00	0.00	0.02
	65	-1.56	0.02	-0.04	0.00	0.00	0.04
	66	-2.17	-0.53	-0.04	0.00	0.00	0.03
	67	-4.63	0.53	-0.04	0.00	0.00	-0.03
	68	-5.24	-0.02	-0.04	0.00	0.00	-0.04
	69	-4.28	-1.29	-0.04	0.00	0.00	-0.02
	70	-4.88	-1.84	-0.04	0.00	0.00	-0.03
	71	1.84	4.15	-0.04	0.00	0.00	0.02
	72	1.03	3.75	-0.04	0.00	0.00	0.00
	73	-0.20	4.15	-0.04	0.00	0.00	0.02
	74	-1.01	3.75	-0.04	0.00	0.00	0.00
	75	-0.17	2.32	-0.04	0.00	0.00	-0.03
	76	-0.99	1.93	-0.04	0.00	0.00	-0.05
	77	-2.21	2.32	-0.04	0.00	0.00	-0.03
	78	-3.03	1.93	-0.04	0.00	0.00	-0.05
	79	3.03	-1.93	-0.04	0.00	0.00	0.05
	80	2.21	-2.32	-0.04	0.00	0.00	0.03
	81	0.99	-1.93	-0.04	0.00	0.00	0.05
	82	0.17	-2.32	-0.04	0.00	0.00	0.03

	83	1.01	-3.75	-0.04	0.00	0.00	-0.00
	84	0.20	-4.15	-0.04	0.00	0.00	-0.02
	85	-1.03	-3.75	-0.04	0.00	0.00	-0.00
	86	-1.84	-4.15	-0.04	0.00	0.00	-0.02
105	1	2.20	-0.00	-0.09	0.00	0.00	0.00
	2	-2.20	0.00	-0.09	0.00	0.00	-0.00
	3	0.00	1.65	-0.09	0.00	0.00	0.00
	4	-0.00	-1.63	-0.09	0.00	0.00	-0.00
	5	3.67	-0.00	-0.09	0.00	0.00	0.00
	6	-3.67	0.00	-0.09	0.00	0.00	-0.00
	7	0.00	2.75	-0.09	0.00	0.00	0.00
	8	-0.00	-2.71	-0.09	0.00	0.00	-0.00
	9	3.78	-0.34	-0.06	0.00	0.00	0.03
	10	3.58	-0.00	-0.06	0.00	0.00	0.02
	11	3.89	-2.61	-0.06	0.00	0.00	0.04
	12	3.70	-2.28	-0.06	0.00	0.00	0.03
	13	2.90	2.28	-0.06	0.00	0.00	-0.03
	14	2.70	2.61	-0.06	0.00	0.00	-0.04
	15	3.01	0.00	-0.06	0.00	0.00	-0.02
	16	2.82	0.34	-0.06	0.00	0.00	-0.03
	17	-2.82	-0.34	-0.06	0.00	0.00	0.03
	18	-3.01	-0.00	-0.06	0.00	0.00	0.02
	19	-2.70	-2.61	-0.06	0.00	0.00	0.04
	20	-2.90	-2.28	-0.06	0.00	0.00	0.03
	21	-3.70	2.28	-0.06	0.00	0.00	-0.03
	22	-3.89	2.61	-0.06	0.00	0.00	-0.04
	23	-3.58	0.00	-0.06	0.00	0.00	-0.02
	24	-3.78	0.34	-0.06	0.00	0.00	-0.03
	25	1.26	2.84	-0.06	0.00	0.00	0.02
	26	0.99	3.62	-0.06	0.00	0.00	0.00
	27	-0.72	2.84	-0.06	0.00	0.00	0.02
	28	-0.99	3.62	-0.06	0.00	0.00	0.00
	29	0.60	3.96	-0.06	0.00	0.00	-0.03
	30	0.34	4.74	-0.06	0.00	0.00	-0.05
	31	-1.38	3.96	-0.06	0.00	0.00	-0.03
	32	-1.64	4.74	-0.06	0.00	0.00	-0.05
	33	1.64	-4.74	-0.06	0.00	0.00	0.05
	34	1.38	-3.96	-0.06	0.00	0.00	0.03
	35	-0.34	-4.74	-0.06	0.00	0.00	0.05
	36	-0.60	-3.96	-0.06	0.00	0.00	0.03
	37	0.99	-3.62	-0.06	0.00	0.00	-0.00
	38	0.72	-2.84	-0.06	0.00	0.00	-0.02
	39	-0.99	-3.62	-0.06	0.00	0.00	-0.00
	40	-1.26	-2.84	-0.06	0.00	0.00	-0.02
	41	1.47	-0.00	-0.07	0.00	0.00	0.00
	42	-1.47	0.00	-0.07	0.00	0.00	-0.00
	43	0.00	1.10	-0.07	0.00	0.00	0.00
	44	-0.00	-1.08	-0.07	0.00	0.00	-0.00
	45	2.45	-0.00	-0.07	0.00	0.00	0.00
	46	-2.45	0.00	-0.07	0.00	0.00	-0.00
	47	0.00	1.84	-0.07	0.00	0.00	0.00
	48	-0.00	-1.81	-0.07	0.00	0.00	-0.00
	49	0.00	0.00	-0.06	0.00	0.00	0.00
	50	0.49	-0.00	-0.06	0.00	0.00	0.00
	51	-0.49	0.00	-0.06	0.00	0.00	-0.00
	52	0.00	0.37	-0.06	0.00	0.00	0.00
	53	-0.00	-0.36	-0.06	0.00	0.00	-0.00
	54	0.00	0.00	-0.06	0.00	0.00	0.00
	55	3.90	-0.35	-0.06	0.00	0.00	0.03
	56	3.69	-0.00	-0.06	0.00	0.00	0.02
	57	4.01	-2.69	-0.06	0.00	0.00	0.04
	58	3.81	-2.35	-0.06	0.00	0.00	0.03
	59	2.99	2.35	-0.06	0.00	0.00	-0.03
	60	2.79	2.69	-0.06	0.00	0.00	-0.04
	61	3.11	0.00	-0.06	0.00	0.00	-0.02

	62	2.91	0.35	-0.06	0.00	0.00	-0.03
	63	-2.91	-0.35	-0.06	0.00	0.00	0.03
	64	-3.11	-0.00	-0.06	0.00	0.00	0.02
	65	-2.79	-2.69	-0.06	0.00	0.00	0.04
	66	-2.99	-2.35	-0.06	0.00	0.00	0.03
	67	-3.81	2.35	-0.06	0.00	0.00	-0.03
	68	-4.01	2.69	-0.06	0.00	0.00	-0.04
	69	-3.69	0.00	-0.06	0.00	0.00	-0.02
	70	-3.90	0.35	-0.06	0.00	0.00	-0.03
	71	1.30	2.93	-0.06	0.00	0.00	0.02
	72	1.02	3.74	-0.06	0.00	0.00	0.00
	73	-0.75	2.93	-0.06	0.00	0.00	0.02
	74	-1.02	3.74	-0.06	0.00	0.00	0.00
	75	0.62	4.08	-0.06	0.00	0.00	-0.03
	76	0.35	4.89	-0.06	0.00	0.00	-0.05
	77	-1.42	4.08	-0.06	0.00	0.00	-0.03
	78	-1.69	4.89	-0.06	0.00	0.00	-0.05
	79	1.69	-4.89	-0.06	0.00	0.00	0.05
	80	1.42	-4.08	-0.06	0.00	0.00	0.03
	81	-0.35	-4.89	-0.06	0.00	0.00	0.05
	82	-0.62	-4.08	-0.06	0.00	0.00	0.03
	83	1.02	-3.74	-0.06	0.00	0.00	-0.00
	84	0.75	-2.93	-0.06	0.00	0.00	-0.02
	85	-1.02	-3.74	-0.06	0.00	0.00	-0.00
	86	-1.30	-2.93	-0.06	0.00	0.00	-0.02
106	1	2.20	-0.00	-0.18	0.00	0.00	0.00
	2	-2.20	0.00	-0.18	0.00	0.00	-0.00
	3	0.00	1.65	-0.18	0.00	0.00	0.00
	4	-0.00	-1.63	-0.18	0.00	0.00	-0.00
	5	3.67	-0.00	-0.17	0.00	0.00	0.00
	6	-3.67	0.00	-0.17	0.00	0.00	-0.00
	7	0.00	2.75	-0.17	0.00	0.00	0.00
	8	-0.00	-2.71	-0.17	0.00	0.00	-0.00
	9	3.78	0.37	-0.12	0.00	0.00	0.03
	10	3.58	0.42	-0.12	0.00	0.00	0.02
	11	3.89	-1.73	-0.12	0.00	0.00	0.04
	12	3.70	-1.69	-0.12	0.00	0.00	0.03
	13	2.90	1.69	-0.12	0.00	0.00	-0.03
	14	2.70	1.73	-0.12	0.00	0.00	-0.04
	15	3.01	-0.42	-0.12	0.00	0.00	-0.02
	16	2.82	-0.37	-0.12	0.00	0.00	-0.03
	17	-2.82	0.37	-0.12	0.00	0.00	0.03
	18	-3.01	0.42	-0.12	0.00	0.00	0.02
	19	-2.70	-1.73	-0.12	0.00	0.00	0.04
	20	-2.90	-1.69	-0.12	0.00	0.00	0.03
	21	-3.70	1.69	-0.12	0.00	0.00	-0.03
	22	-3.89	1.73	-0.12	0.00	0.00	-0.04
	23	-3.58	-0.42	-0.12	0.00	0.00	-0.02
	24	-3.78	-0.37	-0.12	0.00	0.00	-0.03
	25	1.26	3.23	-0.12	0.00	0.00	0.02
	26	0.99	3.63	-0.12	0.00	0.00	0.00
	27	-0.72	3.23	-0.12	0.00	0.00	0.02
	28	-0.99	3.63	-0.12	0.00	0.00	0.00
	29	0.60	3.39	-0.12	0.00	0.00	-0.03
	30	0.34	3.78	-0.12	0.00	0.00	-0.05
	31	-1.38	3.39	-0.12	0.00	0.00	-0.03
	32	-1.64	3.78	-0.12	0.00	0.00	-0.05
	33	1.64	-3.78	-0.12	0.00	0.00	0.05
	34	1.38	-3.39	-0.12	0.00	0.00	0.03
	35	-0.34	-3.78	-0.12	0.00	0.00	0.05
	36	-0.60	-3.39	-0.12	0.00	0.00	0.03
	37	0.99	-3.63	-0.12	0.00	0.00	-0.00
	38	0.72	-3.23	-0.12	0.00	0.00	-0.02
	39	-0.99	-3.63	-0.12	0.00	0.00	-0.00
	40	-1.26	-3.23	-0.12	0.00	0.00	-0.02

	41	1.47	-0.00	-0.13	0.00	0.00	0.00
	42	-1.47	0.00	-0.13	0.00	0.00	-0.00
	43	0.00	1.10	-0.13	0.00	0.00	0.00
	44	-0.00	-1.08	-0.13	0.00	0.00	-0.00
	45	2.45	-0.00	-0.13	0.00	0.00	0.00
	46	-2.45	0.00	-0.13	0.00	0.00	-0.00
	47	0.00	1.84	-0.13	0.00	0.00	0.00
	48	-0.00	-1.81	-0.13	0.00	0.00	-0.00
	49	0.00	0.00	-0.12	0.00	0.00	0.00
	50	0.49	-0.00	-0.12	0.00	0.00	0.00
	51	-0.49	0.00	-0.12	0.00	0.00	-0.00
	52	0.00	0.37	-0.12	0.00	0.00	0.00
	53	-0.00	-0.36	-0.12	0.00	0.00	-0.00
	54	0.00	0.00	-0.12	0.00	0.00	0.00
	55	3.90	0.38	-0.12	0.00	0.00	0.03
	56	3.69	0.43	-0.12	0.00	0.00	0.02
	57	4.01	-1.79	-0.12	0.00	0.00	0.04
	58	3.81	-1.74	-0.12	0.00	0.00	0.03
	59	2.99	1.74	-0.12	0.00	0.00	-0.03
	60	2.79	1.79	-0.12	0.00	0.00	-0.04
	61	3.11	-0.43	-0.12	0.00	0.00	-0.02
	62	2.91	-0.38	-0.12	0.00	0.00	-0.03
	63	-2.91	0.38	-0.12	0.00	0.00	0.03
	64	-3.11	0.43	-0.12	0.00	0.00	0.02
	65	-2.79	-1.79	-0.12	0.00	0.00	0.04
	66	-2.99	-1.74	-0.12	0.00	0.00	0.03
	67	-3.81	1.74	-0.12	0.00	0.00	-0.03
	68	-4.01	1.79	-0.12	0.00	0.00	-0.04
	69	-3.69	-0.43	-0.12	0.00	0.00	-0.02
	70	-3.90	-0.38	-0.12	0.00	0.00	-0.03
	71	1.30	3.34	-0.12	0.00	0.00	0.02
	72	1.02	3.74	-0.12	0.00	0.00	0.00
	73	-0.75	3.34	-0.12	0.00	0.00	0.02
	74	-1.02	3.74	-0.12	0.00	0.00	0.00
	75	0.62	3.50	-0.12	0.00	0.00	-0.03
	76	0.35	3.90	-0.12	0.00	0.00	-0.05
	77	-1.42	3.50	-0.12	0.00	0.00	-0.03
	78	-1.69	3.90	-0.12	0.00	0.00	-0.05
	79	1.69	-3.90	-0.12	0.00	0.00	0.05
	80	1.42	-3.50	-0.12	0.00	0.00	0.03
	81	-0.35	-3.90	-0.12	0.00	0.00	0.05
	82	-0.62	-3.50	-0.12	0.00	0.00	0.03
	83	1.02	-3.74	-0.12	0.00	0.00	-0.00
	84	0.75	-3.34	-0.12	0.00	0.00	-0.02
	85	-1.02	-3.74	-0.12	0.00	0.00	-0.00
	86	-1.30	-3.34	-0.12	0.00	0.00	-0.02
107	1	2.20	0.00	-0.18	0.00	0.00	0.00
	2	-2.20	-0.00	-0.18	0.00	0.00	-0.00
	3	0.00	1.65	-0.18	0.00	0.00	0.00
	4	-0.00	-1.63	-0.18	0.00	0.00	-0.00
	5	3.67	0.00	-0.17	0.00	0.00	0.00
	6	-3.67	-0.00	-0.17	0.00	0.00	-0.00
	7	0.00	2.75	-0.17	0.00	0.00	0.00
	8	-0.00	-2.71	-0.17	0.00	0.00	-0.00
	9	3.78	1.08	-0.12	0.00	0.00	0.03
	10	3.58	0.84	-0.12	0.00	0.00	0.02
	11	3.89	-0.86	-0.12	0.00	0.00	0.04
	12	3.70	-1.10	-0.12	0.00	0.00	0.03
	13	2.90	1.10	-0.12	0.00	0.00	-0.03
	14	2.70	0.86	-0.12	0.00	0.00	-0.04
	15	3.01	-0.84	-0.12	0.00	0.00	-0.02
	16	2.82	-1.08	-0.12	0.00	0.00	-0.03
	17	-2.82	1.08	-0.12	0.00	0.00	0.03
	18	-3.01	0.84	-0.12	0.00	0.00	0.02
	19	-2.70	-0.86	-0.12	0.00	0.00	0.04

	20	-2.90	-1.10	-0.12	0.00	0.00	0.03
	21	-3.70	1.10	-0.12	0.00	0.00	-0.03
	22	-3.89	0.86	-0.12	0.00	0.00	-0.04
	23	-3.58	-0.84	-0.12	0.00	0.00	-0.02
	24	-3.78	-1.08	-0.12	0.00	0.00	-0.03
	25	1.26	3.63	-0.12	0.00	0.00	0.02
	26	0.99	3.63	-0.12	0.00	0.00	0.00
	27	-0.72	3.63	-0.12	0.00	0.00	0.02
	28	-0.99	3.63	-0.12	0.00	0.00	0.00
	29	0.60	2.82	-0.12	0.00	0.00	-0.03
	30	0.34	2.83	-0.12	0.00	0.00	-0.05
	31	-1.38	2.82	-0.12	0.00	0.00	-0.03
	32	-1.64	2.83	-0.12	0.00	0.00	-0.05
	33	1.64	-2.83	-0.12	0.00	0.00	0.05
	34	1.38	-2.82	-0.12	0.00	0.00	0.03
	35	-0.34	-2.83	-0.12	0.00	0.00	0.05
	36	-0.60	-2.82	-0.12	0.00	0.00	0.03
	37	0.99	-3.63	-0.12	0.00	0.00	-0.00
	38	0.72	-3.63	-0.12	0.00	0.00	-0.02
	39	-0.99	-3.63	-0.12	0.00	0.00	-0.00
	40	-1.26	-3.63	-0.12	0.00	0.00	-0.02
	41	1.47	0.00	-0.13	0.00	0.00	0.00
	42	-1.47	-0.00	-0.13	0.00	0.00	-0.00
	43	0.00	1.10	-0.13	0.00	0.00	0.00
	44	-0.00	-1.08	-0.13	0.00	0.00	-0.00
	45	2.45	0.00	-0.13	0.00	0.00	0.00
	46	-2.45	-0.00	-0.13	0.00	0.00	-0.00
	47	0.00	1.84	-0.13	0.00	0.00	0.00
	48	-0.00	-1.81	-0.13	0.00	0.00	-0.00
	49	0.00	0.00	-0.12	0.00	0.00	0.00
	50	0.49	0.00	-0.12	0.00	0.00	0.00
	51	-0.49	-0.00	-0.12	0.00	0.00	-0.00
	52	0.00	0.37	-0.12	0.00	0.00	0.00
	53	-0.00	-0.36	-0.12	0.00	0.00	-0.00
	54	0.00	0.00	-0.12	0.00	0.00	0.00
	55	3.90	1.11	-0.12	0.00	0.00	0.03
	56	3.69	0.86	-0.12	0.00	0.00	0.02
	57	4.01	-0.88	-0.12	0.00	0.00	0.04
	58	3.81	-1.13	-0.12	0.00	0.00	0.03
	59	2.99	1.13	-0.12	0.00	0.00	-0.03
	60	2.79	0.88	-0.12	0.00	0.00	-0.04
	61	3.11	-0.86	-0.12	0.00	0.00	-0.02
	62	2.91	-1.11	-0.12	0.00	0.00	-0.03
	63	-2.91	1.11	-0.12	0.00	0.00	0.03
	64	-3.11	0.86	-0.12	0.00	0.00	0.02
	65	-2.79	-0.88	-0.12	0.00	0.00	0.04
	66	-2.99	-1.13	-0.12	0.00	0.00	0.03
	67	-3.81	1.13	-0.12	0.00	0.00	-0.03
	68	-4.01	0.88	-0.12	0.00	0.00	-0.04
	69	-3.69	-0.86	-0.12	0.00	0.00	-0.02
	70	-3.90	-1.11	-0.12	0.00	0.00	-0.03
	71	1.30	3.74	-0.12	0.00	0.00	0.02
	72	1.02	3.75	-0.12	0.00	0.00	0.00
	73	-0.75	3.74	-0.12	0.00	0.00	0.02
	74	-1.02	3.75	-0.12	0.00	0.00	0.00
	75	0.62	2.91	-0.12	0.00	0.00	-0.03
	76	0.35	2.91	-0.12	0.00	0.00	-0.05
	77	-1.42	2.91	-0.12	0.00	0.00	-0.03
	78	-1.69	2.91	-0.12	0.00	0.00	-0.05
	79	1.69	-2.91	-0.12	0.00	0.00	0.05
	80	1.42	-2.91	-0.12	0.00	0.00	0.03
	81	-0.35	-2.91	-0.12	0.00	0.00	0.05
	82	-0.62	-2.91	-0.12	0.00	0.00	0.03
	83	1.02	-3.75	-0.12	0.00	0.00	-0.00
	84	0.75	-3.74	-0.12	0.00	0.00	-0.02

	85	-1.02	-3.75	-0.12	0.00	0.00	-0.00
	86	-1.30	-3.74	-0.12	0.00	0.00	-0.02
108	1	2.20	0.00	-0.09	0.00	0.00	0.00
	2	-2.20	-0.00	-0.09	0.00	0.00	-0.00
	3	0.00	1.65	-0.09	0.00	0.00	0.00
	4	-0.00	-1.63	-0.09	0.00	0.00	-0.00
	5	3.67	0.00	-0.09	0.00	0.00	0.00
	6	-3.67	-0.00	-0.09	0.00	0.00	-0.00
	7	0.00	2.75	-0.09	0.00	0.00	0.00
	8	-0.00	-2.71	-0.09	0.00	0.00	-0.00
	9	3.78	1.79	-0.06	0.00	0.00	0.03
	10	3.58	1.25	-0.06	0.00	0.00	0.02
	11	3.89	0.02	-0.06	0.00	0.00	0.04
	12	3.70	-0.51	-0.06	0.00	0.00	0.03
	13	2.90	0.51	-0.06	0.00	0.00	-0.03
	14	2.70	-0.02	-0.06	0.00	0.00	-0.04
	15	3.01	-1.25	-0.06	0.00	0.00	-0.02
	16	2.82	-1.79	-0.06	0.00	0.00	-0.03
	17	-2.82	1.79	-0.06	0.00	0.00	0.03
	18	-3.01	1.25	-0.06	0.00	0.00	0.02
	19	-2.70	0.02	-0.06	0.00	0.00	0.04
	20	-2.90	-0.51	-0.06	0.00	0.00	0.03
	21	-3.70	0.51	-0.06	0.00	0.00	-0.03
	22	-3.89	-0.02	-0.06	0.00	0.00	-0.04
	23	-3.58	-1.25	-0.06	0.00	0.00	-0.02
	24	-3.78	-1.79	-0.06	0.00	0.00	-0.03
	25	1.26	4.02	-0.06	0.00	0.00	0.02
	26	0.99	3.64	-0.06	0.00	0.00	0.00
	27	-0.72	4.02	-0.06	0.00	0.00	0.02
	28	-0.99	3.64	-0.06	0.00	0.00	0.00
	29	0.60	2.25	-0.06	0.00	0.00	-0.03
	30	0.34	1.87	-0.06	0.00	0.00	-0.05
	31	-1.38	2.25	-0.06	0.00	0.00	-0.03
	32	-1.64	1.87	-0.06	0.00	0.00	-0.05
	33	1.64	-1.87	-0.06	0.00	0.00	0.05
	34	1.38	-2.25	-0.06	0.00	0.00	0.03
	35	-0.34	-1.87	-0.06	0.00	0.00	0.05
	36	-0.60	-2.25	-0.06	0.00	0.00	0.03
	37	0.99	-3.64	-0.06	0.00	0.00	-0.00
	38	0.72	-4.02	-0.06	0.00	0.00	-0.02
	39	-0.99	-3.64	-0.06	0.00	0.00	-0.00
	40	-1.26	-4.02	-0.06	0.00	0.00	-0.02
	41	1.47	0.00	-0.07	0.00	0.00	0.00
	42	-1.47	-0.00	-0.07	0.00	0.00	-0.00
	43	0.00	1.10	-0.07	0.00	0.00	0.00
	44	-0.00	-1.08	-0.07	0.00	0.00	-0.00
	45	2.45	0.00	-0.07	0.00	0.00	0.00
	46	-2.45	-0.00	-0.07	0.00	0.00	-0.00
	47	0.00	1.84	-0.07	0.00	0.00	0.00
	48	-0.00	-1.81	-0.07	0.00	0.00	-0.00
	49	0.00	0.00	-0.06	0.00	0.00	0.00
	50	0.49	0.00	-0.06	0.00	0.00	0.00
	51	-0.49	-0.00	-0.06	0.00	0.00	-0.00
	52	0.00	0.37	-0.06	0.00	0.00	0.00
	53	-0.00	-0.36	-0.06	0.00	0.00	-0.00
	54	0.00	0.00	-0.06	0.00	0.00	0.00
	55	3.90	1.84	-0.06	0.00	0.00	0.03
	56	3.69	1.29	-0.06	0.00	0.00	0.02
	57	4.01	0.02	-0.06	0.00	0.00	0.04
	58	3.81	-0.53	-0.06	0.00	0.00	0.03
	59	2.99	0.53	-0.06	0.00	0.00	-0.03
	60	2.79	-0.02	-0.06	0.00	0.00	-0.04
	61	3.11	-1.29	-0.06	0.00	0.00	-0.02
	62	2.91	-1.84	-0.06	0.00	0.00	-0.03
	63	-2.91	1.84	-0.06	0.00	0.00	0.03

	64	-3.11	1.29	-0.06	0.00	0.00	0.02
	65	-2.79	0.02	-0.06	0.00	0.00	0.04
	66	-2.99	-0.53	-0.06	0.00	0.00	0.03
	67	-3.81	0.53	-0.06	0.00	0.00	-0.03
	68	-4.01	-0.02	-0.06	0.00	0.00	-0.04
	69	-3.69	-1.29	-0.06	0.00	0.00	-0.02
	70	-3.90	-1.84	-0.06	0.00	0.00	-0.03
	71	1.30	4.15	-0.06	0.00	0.00	0.02
	72	1.02	3.75	-0.06	0.00	0.00	0.00
	73	-0.75	4.15	-0.06	0.00	0.00	0.02
	74	-1.02	3.75	-0.06	0.00	0.00	0.00
	75	0.62	2.32	-0.06	0.00	0.00	-0.03
	76	0.35	1.93	-0.06	0.00	0.00	-0.05
	77	-1.42	2.32	-0.06	0.00	0.00	-0.03
	78	-1.69	1.93	-0.06	0.00	0.00	-0.05
	79	1.69	-1.93	-0.06	0.00	0.00	0.05
	80	1.42	-2.32	-0.06	0.00	0.00	0.03
	81	-0.35	-1.93	-0.06	0.00	0.00	0.05
	82	-0.62	-2.32	-0.06	0.00	0.00	0.03
	83	1.02	-3.75	-0.06	0.00	0.00	-0.00
	84	0.75	-4.15	-0.06	0.00	0.00	-0.02
	85	-1.02	-3.75	-0.06	0.00	0.00	-0.00
	86	-1.30	-4.15	-0.06	0.00	0.00	-0.02
109	1	2.20	-0.00	-0.09	0.00	0.00	0.00
	2	-2.20	0.00	-0.09	0.00	0.00	-0.00
	3	-0.00	1.65	-0.09	0.00	0.00	0.00
	4	0.00	-1.63	-0.09	0.00	0.00	-0.00
	5	3.67	-0.00	-0.09	0.00	0.00	0.00
	6	-3.67	0.00	-0.09	0.00	0.00	-0.00
	7	-0.00	2.75	-0.09	0.00	0.00	0.00
	8	0.00	-2.71	-0.09	0.00	0.00	-0.00
	9	2.82	-0.34	-0.06	0.00	0.00	0.03
	10	3.01	-0.00	-0.06	0.00	0.00	0.02
	11	2.70	-2.61	-0.06	0.00	0.00	0.04
	12	2.90	-2.28	-0.06	0.00	0.00	0.03
	13	3.70	2.28	-0.06	0.00	0.00	-0.03
	14	3.89	2.61	-0.06	0.00	0.00	-0.04
	15	3.58	0.00	-0.06	0.00	0.00	-0.02
	16	3.78	0.34	-0.06	0.00	0.00	-0.03
	17	-3.78	-0.34	-0.06	0.00	0.00	0.03
	18	-3.58	-0.00	-0.06	0.00	0.00	0.02
	19	-3.89	-2.61	-0.06	0.00	0.00	0.04
	20	-3.70	-2.28	-0.06	0.00	0.00	0.03
	21	-2.90	2.28	-0.06	0.00	0.00	-0.03
	22	-2.70	2.61	-0.06	0.00	0.00	-0.04
	23	-3.01	0.00	-0.06	0.00	0.00	-0.02
	24	-2.82	0.34	-0.06	0.00	0.00	-0.03
	25	0.72	2.84	-0.06	0.00	0.00	0.02
	26	0.99	3.62	-0.06	0.00	0.00	0.00
	27	-1.26	2.84	-0.06	0.00	0.00	0.02
	28	-0.99	3.62	-0.06	0.00	0.00	0.00
	29	1.38	3.96	-0.06	0.00	0.00	-0.03
	30	1.64	4.74	-0.06	0.00	0.00	-0.05
	31	-0.60	3.96	-0.06	0.00	0.00	-0.03
	32	-0.34	4.74	-0.06	0.00	0.00	-0.05
	33	0.34	-4.74	-0.06	0.00	0.00	0.05
	34	0.60	-3.96	-0.06	0.00	0.00	0.03
	35	-1.64	-4.74	-0.06	0.00	0.00	0.05
	36	-1.38	-3.96	-0.06	0.00	0.00	0.03
	37	0.99	-3.62	-0.06	0.00	0.00	-0.00
	38	1.26	-2.84	-0.06	0.00	0.00	-0.02
	39	-0.99	-3.62	-0.06	0.00	0.00	-0.00
	40	-0.72	-2.84	-0.06	0.00	0.00	-0.02
	41	1.47	-0.00	-0.07	0.00	0.00	0.00
	42	-1.47	0.00	-0.07	0.00	0.00	-0.00

	43	-0.00	1.10	-0.07	0.00	0.00	0.00
	44	0.00	-1.08	-0.07	0.00	0.00	-0.00
	45	2.45	-0.00	-0.07	0.00	0.00	0.00
	46	-2.45	0.00	-0.07	0.00	0.00	-0.00
	47	-0.00	1.84	-0.07	0.00	0.00	0.00
	48	0.00	-1.81	-0.07	0.00	0.00	-0.00
	49	0.00	0.00	-0.06	0.00	0.00	0.00
	50	0.49	-0.00	-0.06	0.00	0.00	0.00
	51	-0.49	0.00	-0.06	0.00	0.00	-0.00
	52	-0.00	0.37	-0.06	0.00	0.00	0.00
	53	0.00	-0.36	-0.06	0.00	0.00	-0.00
	54	0.00	0.00	-0.06	0.00	0.00	0.00
	55	2.91	-0.35	-0.06	0.00	0.00	0.03
	56	3.11	-0.00	-0.06	0.00	0.00	0.02
	57	2.79	-2.69	-0.06	0.00	0.00	0.04
	58	2.99	-2.35	-0.06	0.00	0.00	0.03
	59	3.81	2.35	-0.06	0.00	0.00	-0.03
	60	4.01	2.69	-0.06	0.00	0.00	-0.04
	61	3.69	0.00	-0.06	0.00	0.00	-0.02
	62	3.90	0.35	-0.06	0.00	0.00	-0.03
	63	-3.90	-0.35	-0.06	0.00	0.00	0.03
	64	-3.69	-0.00	-0.06	0.00	0.00	0.02
	65	-4.01	-2.69	-0.06	0.00	0.00	0.04
	66	-3.81	-2.35	-0.06	0.00	0.00	0.03
	67	-2.99	2.35	-0.06	0.00	0.00	-0.03
	68	-2.79	2.69	-0.06	0.00	0.00	-0.04
	69	-3.11	0.00	-0.06	0.00	0.00	-0.02
	70	-2.91	0.35	-0.06	0.00	0.00	-0.03
	71	0.75	2.93	-0.06	0.00	0.00	0.02
	72	1.02	3.74	-0.06	0.00	0.00	0.00
	73	-1.30	2.93	-0.06	0.00	0.00	0.02
	74	-1.02	3.74	-0.06	0.00	0.00	0.00
	75	1.42	4.08	-0.06	0.00	0.00	-0.03
	76	1.69	4.89	-0.06	0.00	0.00	-0.05
	77	-0.62	4.08	-0.06	0.00	0.00	-0.03
	78	-0.35	4.89	-0.06	0.00	0.00	-0.05
	79	0.35	-4.89	-0.06	0.00	0.00	0.05
	80	0.62	-4.08	-0.06	0.00	0.00	0.03
	81	-1.69	-4.89	-0.06	0.00	0.00	0.05
	82	-1.42	-4.08	-0.06	0.00	0.00	0.03
	83	1.02	-3.74	-0.06	0.00	0.00	-0.00
	84	1.30	-2.93	-0.06	0.00	0.00	-0.02
	85	-1.02	-3.74	-0.06	0.00	0.00	-0.00
	86	-0.75	-2.93	-0.06	0.00	0.00	-0.02
110	1	2.20	-0.00	-0.18	0.00	0.00	0.00
	2	-2.20	0.00	-0.18	0.00	0.00	-0.00
	3	-0.00	1.65	-0.18	0.00	0.00	0.00
	4	0.00	-1.63	-0.18	0.00	0.00	-0.00
	5	3.67	-0.00	-0.17	0.00	0.00	0.00
	6	-3.67	0.00	-0.17	0.00	0.00	-0.00
	7	-0.00	2.75	-0.17	0.00	0.00	0.00
	8	0.00	-2.71	-0.17	0.00	0.00	-0.00
	9	2.82	0.37	-0.12	0.00	0.00	0.03
	10	3.01	0.42	-0.12	0.00	0.00	0.02
	11	2.70	-1.73	-0.12	0.00	0.00	0.04
	12	2.90	-1.69	-0.12	0.00	0.00	0.03
	13	3.70	1.69	-0.12	0.00	0.00	-0.03
	14	3.89	1.73	-0.12	0.00	0.00	-0.04
	15	3.58	-0.42	-0.12	0.00	0.00	-0.02
	16	3.78	-0.37	-0.12	0.00	0.00	-0.03
	17	-3.78	0.37	-0.12	0.00	0.00	0.03
	18	-3.58	0.42	-0.12	0.00	0.00	0.02
	19	-3.89	-1.73	-0.12	0.00	0.00	0.04
	20	-3.70	-1.69	-0.12	0.00	0.00	0.03
	21	-2.90	1.69	-0.12	0.00	0.00	-0.03

	22	-2.70	1.73	-0.12	0.00	0.00	-0.04
	23	-3.01	-0.42	-0.12	0.00	0.00	-0.02
	24	-2.82	-0.37	-0.12	0.00	0.00	-0.03
	25	0.72	3.23	-0.12	0.00	0.00	0.02
	26	0.99	3.63	-0.12	0.00	0.00	0.00
	27	-1.26	3.23	-0.12	0.00	0.00	0.02
	28	-0.99	3.63	-0.12	0.00	0.00	0.00
	29	1.38	3.39	-0.12	0.00	0.00	-0.03
	30	1.64	3.78	-0.12	0.00	0.00	-0.05
	31	-0.60	3.39	-0.12	0.00	0.00	-0.03
	32	-0.34	3.78	-0.12	0.00	0.00	-0.05
	33	0.34	-3.78	-0.12	0.00	0.00	0.05
	34	0.60	-3.39	-0.12	0.00	0.00	0.03
	35	-1.64	-3.78	-0.12	0.00	0.00	0.05
	36	-1.38	-3.39	-0.12	0.00	0.00	0.03
	37	0.99	-3.63	-0.12	0.00	0.00	-0.00
	38	1.26	-3.23	-0.12	0.00	0.00	-0.02
	39	-0.99	-3.63	-0.12	0.00	0.00	-0.00
	40	-0.72	-3.23	-0.12	0.00	0.00	-0.02
	41	1.47	-0.00	-0.13	0.00	0.00	0.00
	42	-1.47	0.00	-0.13	0.00	0.00	-0.00
	43	-0.00	1.10	-0.13	0.00	0.00	0.00
	44	0.00	-1.08	-0.13	0.00	0.00	-0.00
	45	2.45	-0.00	-0.13	0.00	0.00	0.00
	46	-2.45	0.00	-0.13	0.00	0.00	-0.00
	47	-0.00	1.84	-0.13	0.00	0.00	0.00
	48	0.00	-1.81	-0.13	0.00	0.00	-0.00
	49	0.00	0.00	-0.12	0.00	0.00	0.00
	50	0.49	-0.00	-0.12	0.00	0.00	0.00
	51	-0.49	0.00	-0.12	0.00	0.00	-0.00
	52	-0.00	0.37	-0.12	0.00	0.00	0.00
	53	0.00	-0.36	-0.12	0.00	0.00	-0.00
	54	0.00	0.00	-0.12	0.00	0.00	0.00
	55	2.91	0.38	-0.12	0.00	0.00	0.03
	56	3.11	0.43	-0.12	0.00	0.00	0.02
	57	2.79	-1.79	-0.12	0.00	0.00	0.04
	58	2.99	-1.74	-0.12	0.00	0.00	0.03
	59	3.81	1.74	-0.12	0.00	0.00	-0.03
	60	4.01	1.79	-0.12	0.00	0.00	-0.04
	61	3.69	-0.43	-0.12	0.00	0.00	-0.02
	62	3.90	-0.38	-0.12	0.00	0.00	-0.03
	63	-3.90	0.38	-0.12	0.00	0.00	0.03
	64	-3.69	0.43	-0.12	0.00	0.00	0.02
	65	-4.01	-1.79	-0.12	0.00	0.00	0.04
	66	-3.81	-1.74	-0.12	0.00	0.00	0.03
	67	-2.99	1.74	-0.12	0.00	0.00	-0.03
	68	-2.79	1.79	-0.12	0.00	0.00	-0.04
	69	-3.11	-0.43	-0.12	0.00	0.00	-0.02
	70	-2.91	-0.38	-0.12	0.00	0.00	-0.03
	71	0.75	3.34	-0.12	0.00	0.00	0.02
	72	1.02	3.74	-0.12	0.00	0.00	0.00
	73	-1.30	3.34	-0.12	0.00	0.00	0.02
	74	-1.02	3.74	-0.12	0.00	0.00	0.00
	75	1.42	3.50	-0.12	0.00	0.00	-0.03
	76	1.69	3.90	-0.12	0.00	0.00	-0.05
	77	-0.62	3.50	-0.12	0.00	0.00	-0.03
	78	-0.35	3.90	-0.12	0.00	0.00	-0.05
	79	0.35	-3.90	-0.12	0.00	0.00	0.05
	80	0.62	-3.50	-0.12	0.00	0.00	0.03
	81	-1.69	-3.90	-0.12	0.00	0.00	0.05
	82	-1.42	-3.50	-0.12	0.00	0.00	0.03
	83	1.02	-3.74	-0.12	0.00	0.00	-0.00
	84	1.30	-3.34	-0.12	0.00	0.00	-0.02
	85	-1.02	-3.74	-0.12	0.00	0.00	-0.00
	86	-0.75	-3.34	-0.12	0.00	0.00	-0.02

111	1	2.20	0.00	-0.18	0.00	0.00	0.00
	2	-2.20	-0.00	-0.18	0.00	0.00	-0.00
	3	-0.00	1.65	-0.18	0.00	0.00	0.00
	4	0.00	-1.63	-0.18	0.00	0.00	-0.00
	5	3.67	0.00	-0.17	0.00	0.00	0.00
	6	-3.67	-0.00	-0.17	0.00	0.00	-0.00
	7	-0.00	2.75	-0.17	0.00	0.00	0.00
	8	0.00	-2.71	-0.17	0.00	0.00	-0.00
	9	2.82	1.08	-0.12	0.00	0.00	0.03
	10	3.01	0.84	-0.12	0.00	0.00	0.02
	11	2.70	-0.86	-0.12	0.00	0.00	0.04
	12	2.90	-1.10	-0.12	0.00	0.00	0.03
	13	3.70	1.10	-0.12	0.00	0.00	-0.03
	14	3.89	0.86	-0.12	0.00	0.00	-0.04
	15	3.58	-0.84	-0.12	0.00	0.00	-0.02
	16	3.78	-1.08	-0.12	0.00	0.00	-0.03
	17	-3.78	1.08	-0.12	0.00	0.00	0.03
	18	-3.58	0.84	-0.12	0.00	0.00	0.02
	19	-3.89	-0.86	-0.12	0.00	0.00	0.04
	20	-3.70	-1.10	-0.12	0.00	0.00	0.03
	21	-2.90	1.10	-0.12	0.00	0.00	-0.03
	22	-2.70	0.86	-0.12	0.00	0.00	-0.04
	23	-3.01	-0.84	-0.12	0.00	0.00	-0.02
	24	-2.82	-1.08	-0.12	0.00	0.00	-0.03
	25	0.72	3.63	-0.12	0.00	0.00	0.02
	26	0.99	3.63	-0.12	0.00	0.00	0.00
	27	-1.26	3.63	-0.12	0.00	0.00	0.02
	28	-0.99	3.63	-0.12	0.00	0.00	0.00
	29	1.38	2.82	-0.12	0.00	0.00	-0.03
	30	1.64	2.83	-0.12	0.00	0.00	-0.05
	31	-0.60	2.82	-0.12	0.00	0.00	-0.03
	32	-0.34	2.83	-0.12	0.00	0.00	-0.05
	33	0.34	-2.83	-0.12	0.00	0.00	0.05
	34	0.60	-2.82	-0.12	0.00	0.00	0.03
	35	-1.64	-2.83	-0.12	0.00	0.00	0.05
	36	-1.38	-2.82	-0.12	0.00	0.00	0.03
	37	0.99	-3.63	-0.12	0.00	0.00	-0.00
	38	1.26	-3.63	-0.12	0.00	0.00	-0.02
	39	-0.99	-3.63	-0.12	0.00	0.00	-0.00
	40	-0.72	-3.63	-0.12	0.00	0.00	-0.02
	41	1.47	0.00	-0.13	0.00	0.00	0.00
	42	-1.47	-0.00	-0.13	0.00	0.00	-0.00
	43	-0.00	1.10	-0.13	0.00	0.00	0.00
	44	0.00	-1.08	-0.13	0.00	0.00	-0.00
	45	2.45	0.00	-0.13	0.00	0.00	0.00
	46	-2.45	-0.00	-0.13	0.00	0.00	-0.00
	47	-0.00	1.84	-0.13	0.00	0.00	0.00
	48	0.00	-1.81	-0.13	0.00	0.00	-0.00
	49	0.00	0.00	-0.12	0.00	0.00	0.00
	50	0.49	0.00	-0.12	0.00	0.00	0.00
	51	-0.49	-0.00	-0.12	0.00	0.00	-0.00
	52	-0.00	0.37	-0.12	0.00	0.00	0.00
	53	0.00	-0.36	-0.12	0.00	0.00	-0.00
	54	0.00	0.00	-0.12	0.00	0.00	0.00
	55	2.91	1.11	-0.12	0.00	0.00	0.03
	56	3.11	0.86	-0.12	0.00	0.00	0.02
	57	2.79	-0.88	-0.12	0.00	0.00	0.04
	58	2.99	-1.13	-0.12	0.00	0.00	0.03
	59	3.81	1.13	-0.12	0.00	0.00	-0.03
	60	4.01	0.88	-0.12	0.00	0.00	-0.04
	61	3.69	-0.86	-0.12	0.00	0.00	-0.02
	62	3.90	-1.11	-0.12	0.00	0.00	-0.03
	63	-3.90	1.11	-0.12	0.00	0.00	0.03
	64	-3.69	0.86	-0.12	0.00	0.00	0.02
	65	-4.01	-0.88	-0.12	0.00	0.00	0.04

	66	-3.81	-1.13	-0.12	0.00	0.00	0.03
	67	-2.99	1.13	-0.12	0.00	0.00	-0.03
	68	-2.79	0.88	-0.12	0.00	0.00	-0.04
	69	-3.11	-0.86	-0.12	0.00	0.00	-0.02
	70	-2.91	-1.11	-0.12	0.00	0.00	-0.03
	71	0.75	3.74	-0.12	0.00	0.00	0.02
	72	1.02	3.75	-0.12	0.00	0.00	0.00
	73	-1.30	3.74	-0.12	0.00	0.00	0.02
	74	-1.02	3.75	-0.12	0.00	0.00	0.00
	75	1.42	2.91	-0.12	0.00	0.00	-0.03
	76	1.69	2.91	-0.12	0.00	0.00	-0.05
	77	-0.62	2.91	-0.12	0.00	0.00	-0.03
	78	-0.35	2.91	-0.12	0.00	0.00	-0.05
	79	0.35	-2.91	-0.12	0.00	0.00	0.05
	80	0.62	-2.91	-0.12	0.00	0.00	0.03
	81	-1.69	-2.91	-0.12	0.00	0.00	0.05
	82	-1.42	-2.91	-0.12	0.00	0.00	0.03
	83	1.02	-3.75	-0.12	0.00	0.00	-0.00
	84	1.30	-3.74	-0.12	0.00	0.00	-0.02
	85	-1.02	-3.75	-0.12	0.00	0.00	-0.00
	86	-0.75	-3.74	-0.12	0.00	0.00	-0.02
112	1	2.20	0.00	-0.09	0.00	0.00	0.00
	2	-2.20	-0.00	-0.09	0.00	0.00	-0.00
	3	-0.00	1.65	-0.09	0.00	0.00	0.00
	4	0.00	-1.63	-0.09	0.00	0.00	-0.00
	5	3.67	0.00	-0.09	0.00	0.00	0.00
	6	-3.67	-0.00	-0.09	0.00	0.00	-0.00
	7	-0.00	2.75	-0.09	0.00	0.00	0.00
	8	0.00	-2.71	-0.09	0.00	0.00	-0.00
	9	2.82	1.79	-0.06	0.00	0.00	0.03
	10	3.01	1.25	-0.06	0.00	0.00	0.02
	11	2.70	0.02	-0.06	0.00	0.00	0.04
	12	2.90	-0.51	-0.06	0.00	0.00	0.03
	13	3.70	0.51	-0.06	0.00	0.00	-0.03
	14	3.89	-0.02	-0.06	0.00	0.00	-0.04
	15	3.58	-1.25	-0.06	0.00	0.00	-0.02
	16	3.78	-1.79	-0.06	0.00	0.00	-0.03
	17	-3.78	1.79	-0.06	0.00	0.00	0.03
	18	-3.58	1.25	-0.06	0.00	0.00	0.02
	19	-3.89	0.02	-0.06	0.00	0.00	0.04
	20	-3.70	-0.51	-0.06	0.00	0.00	0.03
	21	-2.90	0.51	-0.06	0.00	0.00	-0.03
	22	-2.70	-0.02	-0.06	0.00	0.00	-0.04
	23	-3.01	-1.25	-0.06	0.00	0.00	-0.02
	24	-2.82	-1.79	-0.06	0.00	0.00	-0.03
	25	0.72	4.02	-0.06	0.00	0.00	0.02
	26	0.99	3.64	-0.06	0.00	0.00	0.00
	27	-1.26	4.02	-0.06	0.00	0.00	0.02
	28	-0.99	3.64	-0.06	0.00	0.00	0.00
	29	1.38	2.25	-0.06	0.00	0.00	-0.03
	30	1.64	1.87	-0.06	0.00	0.00	-0.05
	31	-0.60	2.25	-0.06	0.00	0.00	-0.03
	32	-0.34	1.87	-0.06	0.00	0.00	-0.05
	33	0.34	-1.87	-0.06	0.00	0.00	0.05
	34	0.60	-2.25	-0.06	0.00	0.00	0.03
	35	-1.64	-1.87	-0.06	0.00	0.00	0.05
	36	-1.38	-2.25	-0.06	0.00	0.00	0.03
	37	0.99	-3.64	-0.06	0.00	0.00	-0.00
	38	1.26	-4.02	-0.06	0.00	0.00	-0.02
	39	-0.99	-3.64	-0.06	0.00	0.00	-0.00
	40	-0.72	-4.02	-0.06	0.00	0.00	-0.02
	41	1.47	0.00	-0.07	0.00	0.00	0.00
	42	-1.47	-0.00	-0.07	0.00	0.00	-0.00
	43	-0.00	1.10	-0.07	0.00	0.00	0.00
	44	0.00	-1.08	-0.07	0.00	0.00	-0.00

	45	2.45	0.00	-0.07	0.00	0.00	0.00
	46	-2.45	-0.00	-0.07	0.00	0.00	-0.00
	47	-0.00	1.84	-0.07	0.00	0.00	0.00
	48	0.00	-1.81	-0.07	0.00	0.00	-0.00
	49	0.00	0.00	-0.06	0.00	0.00	0.00
	50	0.49	0.00	-0.06	0.00	0.00	0.00
	51	-0.49	-0.00	-0.06	0.00	0.00	-0.00
	52	-0.00	0.37	-0.06	0.00	0.00	0.00
	53	0.00	-0.36	-0.06	0.00	0.00	-0.00
	54	0.00	0.00	-0.06	0.00	0.00	0.00
	55	2.91	1.84	-0.06	0.00	0.00	0.03
	56	3.11	1.29	-0.06	0.00	0.00	0.02
	57	2.79	0.02	-0.06	0.00	0.00	0.04
	58	2.99	-0.53	-0.06	0.00	0.00	0.03
	59	3.81	0.53	-0.06	0.00	0.00	-0.03
	60	4.01	-0.02	-0.06	0.00	0.00	-0.04
	61	3.69	-1.29	-0.06	0.00	0.00	-0.02
	62	3.90	-1.84	-0.06	0.00	0.00	-0.03
	63	-3.90	1.84	-0.06	0.00	0.00	0.03
	64	-3.69	1.29	-0.06	0.00	0.00	0.02
	65	-4.01	0.02	-0.06	0.00	0.00	0.04
	66	-3.81	-0.53	-0.06	0.00	0.00	0.03
	67	-2.99	0.53	-0.06	0.00	0.00	-0.03
	68	-2.79	-0.02	-0.06	0.00	0.00	-0.04
	69	-3.11	-1.29	-0.06	0.00	0.00	-0.02
	70	-2.91	-1.84	-0.06	0.00	0.00	-0.03
	71	0.75	4.15	-0.06	0.00	0.00	0.02
	72	1.02	3.75	-0.06	0.00	0.00	0.00
	73	-1.30	4.15	-0.06	0.00	0.00	0.02
	74	-1.02	3.75	-0.06	0.00	0.00	0.00
	75	1.42	2.32	-0.06	0.00	0.00	-0.03
	76	1.69	1.93	-0.06	0.00	0.00	-0.05
	77	-0.62	2.32	-0.06	0.00	0.00	-0.03
	78	-0.35	1.93	-0.06	0.00	0.00	-0.05
	79	0.35	-1.93	-0.06	0.00	0.00	0.05
	80	0.62	-2.32	-0.06	0.00	0.00	0.03
	81	-1.69	-1.93	-0.06	0.00	0.00	0.05
	82	-1.42	-2.32	-0.06	0.00	0.00	0.03
	83	1.02	-3.75	-0.06	0.00	0.00	-0.00
	84	1.30	-4.15	-0.06	0.00	0.00	-0.02
	85	-1.02	-3.75	-0.06	0.00	0.00	-0.00
	86	-0.75	-4.15	-0.06	0.00	0.00	-0.02
113	1	2.20	-0.00	-0.05	0.00	0.00	0.00
	2	-2.20	0.00	-0.05	0.00	0.00	-0.00
	3	-0.00	1.65	-0.05	0.00	0.00	0.00
	4	0.00	-1.63	-0.05	0.00	0.00	-0.00
	5	3.67	-0.00	-0.05	0.00	0.00	0.00
	6	-3.67	0.00	-0.05	0.00	0.00	-0.00
	7	-0.00	2.75	-0.05	0.00	0.00	0.00
	8	0.00	-2.71	-0.05	0.00	0.00	-0.00
	9	1.86	-0.34	-0.04	0.00	0.00	0.03
	10	2.45	-0.00	-0.04	0.00	0.00	0.02
	11	1.52	-2.61	-0.04	0.00	0.00	0.04
	12	2.10	-2.28	-0.04	0.00	0.00	0.03
	13	4.49	2.28	-0.04	0.00	0.00	-0.03
	14	5.08	2.61	-0.04	0.00	0.00	-0.04
	15	4.15	0.00	-0.04	0.00	0.00	-0.02
	16	4.74	0.34	-0.04	0.00	0.00	-0.03
	17	-4.74	-0.34	-0.04	0.00	0.00	0.03
	18	-4.15	-0.00	-0.04	0.00	0.00	0.02
	19	-5.08	-2.61	-0.04	0.00	0.00	0.04
	20	-4.49	-2.28	-0.04	0.00	0.00	0.03
	21	-2.10	2.28	-0.04	0.00	0.00	-0.03
	22	-1.52	2.61	-0.04	0.00	0.00	-0.04
	23	-2.45	0.00	-0.04	0.00	0.00	-0.02

	24	-1.86	0.34	-0.04	0.00	0.00	-0.03
	25	0.19	2.84	-0.04	0.00	0.00	0.02
	26	0.98	3.62	-0.04	0.00	0.00	0.00
	27	-1.79	2.84	-0.04	0.00	0.00	0.02
	28	-1.00	3.62	-0.04	0.00	0.00	0.00
	29	2.15	3.96	-0.04	0.00	0.00	-0.03
	30	2.94	4.74	-0.04	0.00	0.00	-0.05
	31	0.17	3.96	-0.04	0.00	0.00	-0.03
	32	0.96	4.74	-0.04	0.00	0.00	-0.05
	33	-0.96	-4.74	-0.04	0.00	0.00	0.05
	34	-0.17	-3.96	-0.04	0.00	0.00	0.03
	35	-2.94	-4.74	-0.04	0.00	0.00	0.05
	36	-2.15	-3.96	-0.04	0.00	0.00	0.03
	37	1.00	-3.62	-0.04	0.00	0.00	-0.00
	38	1.79	-2.84	-0.04	0.00	0.00	-0.02
	39	-0.98	-3.62	-0.04	0.00	0.00	-0.00
	40	-0.19	-2.84	-0.04	0.00	0.00	-0.02
	41	1.47	-0.00	-0.04	0.00	0.00	0.00
	42	-1.47	0.00	-0.04	0.00	0.00	-0.00
	43	-0.00	1.10	-0.04	0.00	0.00	0.00
	44	0.00	-1.08	-0.04	0.00	0.00	-0.00
	45	2.45	-0.00	-0.04	0.00	0.00	0.00
	46	-2.45	0.00	-0.04	0.00	0.00	-0.00
	47	-0.00	1.84	-0.04	0.00	0.00	0.00
	48	0.00	-1.81	-0.04	0.00	0.00	-0.00
	49	0.00	0.00	-0.04	0.00	0.00	0.00
	50	0.49	-0.00	-0.04	0.00	0.00	0.00
	51	-0.49	0.00	-0.04	0.00	0.00	-0.00
	52	-0.00	0.37	-0.04	0.00	0.00	0.00
	53	0.00	-0.36	-0.04	0.00	0.00	-0.00
	54	0.00	0.00	-0.04	0.00	0.00	0.00
	55	1.92	-0.35	-0.04	0.00	0.00	0.03
	56	2.52	-0.00	-0.04	0.00	0.00	0.02
	57	1.56	-2.69	-0.04	0.00	0.00	0.04
	58	2.17	-2.35	-0.04	0.00	0.00	0.03
	59	4.63	2.35	-0.04	0.00	0.00	-0.03
	60	5.24	2.69	-0.04	0.00	0.00	-0.04
	61	4.28	0.00	-0.04	0.00	0.00	-0.02
	62	4.88	0.35	-0.04	0.00	0.00	-0.03
	63	-4.88	-0.35	-0.04	0.00	0.00	0.03
	64	-4.28	-0.00	-0.04	0.00	0.00	0.02
	65	-5.24	-2.69	-0.04	0.00	0.00	0.04
	66	-4.63	-2.35	-0.04	0.00	0.00	0.03
	67	-2.17	2.35	-0.04	0.00	0.00	-0.03
	68	-1.56	2.69	-0.04	0.00	0.00	-0.04
	69	-2.52	0.00	-0.04	0.00	0.00	-0.02
	70	-1.92	0.35	-0.04	0.00	0.00	-0.03
	71	0.20	2.93	-0.04	0.00	0.00	0.02
	72	1.01	3.74	-0.04	0.00	0.00	0.00
	73	-1.84	2.93	-0.04	0.00	0.00	0.02
	74	-1.03	3.74	-0.04	0.00	0.00	0.00
	75	2.21	4.08	-0.04	0.00	0.00	-0.03
	76	3.03	4.89	-0.04	0.00	0.00	-0.05
	77	0.17	4.08	-0.04	0.00	0.00	-0.03
	78	0.99	4.89	-0.04	0.00	0.00	-0.05
	79	-0.99	-4.89	-0.04	0.00	0.00	0.05
	80	-0.17	-4.08	-0.04	0.00	0.00	0.03
	81	-3.03	-4.89	-0.04	0.00	0.00	0.05
	82	-2.21	-4.08	-0.04	0.00	0.00	0.03
	83	1.03	-3.74	-0.04	0.00	0.00	-0.00
	84	1.84	-2.93	-0.04	0.00	0.00	-0.02
	85	-1.01	-3.74	-0.04	0.00	0.00	-0.00
	86	-0.20	-2.93	-0.04	0.00	0.00	-0.02
114	1	2.20	-0.00	-0.10	0.00	0.00	0.00
	2	-2.20	0.00	-0.10	0.00	0.00	-0.00

	3	-0.00	1.65	-0.10	0.00	0.00	0.00
	4	0.00	-1.63	-0.10	0.00	0.00	-0.00
	5	3.67	-0.00	-0.09	0.00	0.00	0.00
	6	-3.67	0.00	-0.09	0.00	0.00	-0.00
	7	-0.00	2.75	-0.09	0.00	0.00	0.00
	8	0.00	-2.71	-0.09	0.00	0.00	-0.00
	9	1.86	0.37	-0.07	0.00	0.00	0.03
	10	2.45	0.42	-0.07	0.00	0.00	0.02
	11	1.52	-1.73	-0.07	0.00	0.00	0.04
	12	2.10	-1.69	-0.07	0.00	0.00	0.03
	13	4.49	1.69	-0.07	0.00	0.00	-0.03
	14	5.08	1.73	-0.07	0.00	0.00	-0.04
	15	4.15	-0.42	-0.07	0.00	0.00	-0.02
	16	4.74	-0.37	-0.07	0.00	0.00	-0.03
	17	-4.74	0.37	-0.07	0.00	0.00	0.03
	18	-4.15	0.42	-0.07	0.00	0.00	0.02
	19	-5.08	-1.73	-0.07	0.00	0.00	0.04
	20	-4.49	-1.69	-0.07	0.00	0.00	0.03
	21	-2.10	1.69	-0.07	0.00	0.00	-0.03
	22	-1.52	1.73	-0.07	0.00	0.00	-0.04
	23	-2.45	-0.42	-0.07	0.00	0.00	-0.02
	24	-1.86	-0.37	-0.07	0.00	0.00	-0.03
	25	0.19	3.23	-0.07	0.00	0.00	0.02
	26	0.98	3.63	-0.07	0.00	0.00	0.00
	27	-1.79	3.23	-0.07	0.00	0.00	0.02
	28	-1.00	3.63	-0.07	0.00	0.00	0.00
	29	2.15	3.39	-0.07	0.00	0.00	-0.03
	30	2.94	3.78	-0.07	0.00	0.00	-0.05
	31	0.17	3.39	-0.07	0.00	0.00	-0.03
	32	0.96	3.78	-0.07	0.00	0.00	-0.05
	33	-0.96	-3.78	-0.07	0.00	0.00	0.05
	34	-0.17	-3.39	-0.07	0.00	0.00	0.03
	35	-2.94	-3.78	-0.07	0.00	0.00	0.05
	36	-2.15	-3.39	-0.07	0.00	0.00	0.03
	37	1.00	-3.63	-0.07	0.00	0.00	-0.00
	38	1.79	-3.23	-0.07	0.00	0.00	-0.02
	39	-0.98	-3.63	-0.07	0.00	0.00	-0.00
	40	-0.19	-3.23	-0.07	0.00	0.00	-0.02
	41	1.47	-0.00	-0.07	0.00	0.00	0.00
	42	-1.47	0.00	-0.07	0.00	0.00	-0.00
	43	-0.00	1.10	-0.07	0.00	0.00	0.00
	44	0.00	-1.08	-0.07	0.00	0.00	-0.00
	45	2.45	-0.00	-0.07	0.00	0.00	0.00
	46	-2.45	0.00	-0.07	0.00	0.00	-0.00
	47	-0.00	1.84	-0.07	0.00	0.00	0.00
	48	0.00	-1.81	-0.07	0.00	0.00	-0.00
	49	0.00	0.00	-0.07	0.00	0.00	0.00
	50	0.49	-0.00	-0.07	0.00	0.00	0.00
	51	-0.49	0.00	-0.07	0.00	0.00	-0.00
	52	-0.00	0.37	-0.07	0.00	0.00	0.00
	53	0.00	-0.36	-0.07	0.00	0.00	-0.00
	54	0.00	0.00	-0.07	0.00	0.00	0.00
	55	1.92	0.38	-0.07	0.00	0.00	0.03
	56	2.52	0.43	-0.07	0.00	0.00	0.02
	57	1.56	-1.79	-0.07	0.00	0.00	0.04
	58	2.17	-1.74	-0.07	0.00	0.00	0.03
	59	4.63	1.74	-0.07	0.00	0.00	-0.03
	60	5.24	1.79	-0.07	0.00	0.00	-0.04
	61	4.28	-0.43	-0.07	0.00	0.00	-0.02
	62	4.88	-0.38	-0.07	0.00	0.00	-0.03
	63	-4.88	0.38	-0.07	0.00	0.00	0.03
	64	-4.28	0.43	-0.07	0.00	0.00	0.02
	65	-5.24	-1.79	-0.07	0.00	0.00	0.04
	66	-4.63	-1.74	-0.07	0.00	0.00	0.03
	67	-2.17	1.74	-0.07	0.00	0.00	-0.03

	68	-1.56	1.79	-0.07	0.00	0.00	-0.04
	69	-2.52	-0.43	-0.07	0.00	0.00	-0.02
	70	-1.92	-0.38	-0.07	0.00	0.00	-0.03
	71	0.20	3.34	-0.07	0.00	0.00	0.02
	72	1.01	3.74	-0.07	0.00	0.00	0.00
	73	-1.84	3.34	-0.07	0.00	0.00	0.02
	74	-1.03	3.74	-0.07	0.00	0.00	0.00
	75	2.21	3.50	-0.07	0.00	0.00	-0.03
	76	3.03	3.90	-0.07	0.00	0.00	-0.05
	77	0.17	3.50	-0.07	0.00	0.00	-0.03
	78	0.99	3.90	-0.07	0.00	0.00	-0.05
	79	-0.99	-3.90	-0.07	0.00	0.00	0.05
	80	-0.17	-3.50	-0.07	0.00	0.00	0.03
	81	-3.03	-3.90	-0.07	0.00	0.00	0.05
	82	-2.21	-3.50	-0.07	0.00	0.00	0.03
	83	1.03	-3.74	-0.07	0.00	0.00	-0.00
	84	1.84	-3.34	-0.07	0.00	0.00	-0.02
	85	-1.01	-3.74	-0.07	0.00	0.00	-0.00
	86	-0.20	-3.34	-0.07	0.00	0.00	-0.02
115	1	2.20	0.00	-0.10	0.00	0.00	0.00
	2	-2.20	-0.00	-0.10	0.00	0.00	-0.00
	3	-0.00	1.65	-0.10	0.00	0.00	0.00
	4	0.00	-1.63	-0.10	0.00	0.00	-0.00
	5	3.67	0.00	-0.09	0.00	0.00	0.00
	6	-3.67	-0.00	-0.09	0.00	0.00	-0.00
	7	-0.00	2.75	-0.09	0.00	0.00	0.00
	8	0.00	-2.71	-0.09	0.00	0.00	-0.00
	9	1.86	1.08	-0.07	0.00	0.00	0.03
	10	2.45	0.84	-0.07	0.00	0.00	0.02
	11	1.52	-0.86	-0.07	0.00	0.00	0.04
	12	2.10	-1.10	-0.07	0.00	0.00	0.03
	13	4.49	1.10	-0.07	0.00	0.00	-0.03
	14	5.08	0.86	-0.07	0.00	0.00	-0.04
	15	4.15	-0.84	-0.07	0.00	0.00	-0.02
	16	4.74	-1.08	-0.07	0.00	0.00	-0.03
	17	-4.74	1.08	-0.07	0.00	0.00	0.03
	18	-4.15	0.84	-0.07	0.00	0.00	0.02
	19	-5.08	-0.86	-0.07	0.00	0.00	0.04
	20	-4.49	-1.10	-0.07	0.00	0.00	0.03
	21	-2.10	1.10	-0.07	0.00	0.00	-0.03
	22	-1.52	0.86	-0.07	0.00	0.00	-0.04
	23	-2.45	-0.84	-0.07	0.00	0.00	-0.02
	24	-1.86	-1.08	-0.07	0.00	0.00	-0.03
	25	0.19	3.63	-0.07	0.00	0.00	0.02
	26	0.98	3.63	-0.07	0.00	0.00	0.00
	27	-1.79	3.63	-0.07	0.00	0.00	0.02
	28	-1.00	3.63	-0.07	0.00	0.00	0.00
	29	2.15	2.82	-0.07	0.00	0.00	-0.03
	30	2.94	2.83	-0.07	0.00	0.00	-0.05
	31	0.17	2.82	-0.07	0.00	0.00	-0.03
	32	0.96	2.83	-0.07	0.00	0.00	-0.05
	33	-0.96	-2.83	-0.07	0.00	0.00	0.05
	34	-0.17	-2.82	-0.07	0.00	0.00	0.03
	35	-2.94	-2.83	-0.07	0.00	0.00	0.05
	36	-2.15	-2.82	-0.07	0.00	0.00	0.03
	37	1.00	-3.63	-0.07	0.00	0.00	-0.00
	38	1.79	-3.63	-0.07	0.00	0.00	-0.02
	39	-0.98	-3.63	-0.07	0.00	0.00	-0.00
	40	-0.19	-3.63	-0.07	0.00	0.00	-0.02
	41	1.47	0.00	-0.07	0.00	0.00	0.00
	42	-1.47	-0.00	-0.07	0.00	0.00	-0.00
	43	-0.00	1.10	-0.07	0.00	0.00	0.00
	44	0.00	-1.08	-0.07	0.00	0.00	-0.00
	45	2.45	0.00	-0.07	0.00	0.00	0.00
	46	-2.45	-0.00	-0.07	0.00	0.00	-0.00

	47	-0.00	1.84	-0.07	0.00	0.00	0.00
	48	0.00	-1.81	-0.07	0.00	0.00	-0.00
	49	0.00	0.00	-0.07	0.00	0.00	0.00
	50	0.49	0.00	-0.07	0.00	0.00	0.00
	51	-0.49	-0.00	-0.07	0.00	0.00	-0.00
	52	-0.00	0.37	-0.07	0.00	0.00	0.00
	53	0.00	-0.36	-0.07	0.00	0.00	-0.00
	54	0.00	0.00	-0.07	0.00	0.00	0.00
	55	1.92	1.11	-0.07	0.00	0.00	0.03
	56	2.52	0.86	-0.07	0.00	0.00	0.02
	57	1.56	-0.88	-0.07	0.00	0.00	0.04
	58	2.17	-1.13	-0.07	0.00	0.00	0.03
	59	4.63	1.13	-0.07	0.00	0.00	-0.03
	60	5.24	0.88	-0.07	0.00	0.00	-0.04
	61	4.28	-0.86	-0.07	0.00	0.00	-0.02
	62	4.88	-1.11	-0.07	0.00	0.00	-0.03
	63	-4.88	1.11	-0.07	0.00	0.00	0.03
	64	-4.28	0.86	-0.07	0.00	0.00	0.02
	65	-5.24	-0.88	-0.07	0.00	0.00	0.04
	66	-4.63	-1.13	-0.07	0.00	0.00	0.03
	67	-2.17	1.13	-0.07	0.00	0.00	-0.03
	68	-1.56	0.88	-0.07	0.00	0.00	-0.04
	69	-2.52	-0.86	-0.07	0.00	0.00	-0.02
	70	-1.92	-1.11	-0.07	0.00	0.00	-0.03
	71	0.20	3.74	-0.07	0.00	0.00	0.02
	72	1.01	3.75	-0.07	0.00	0.00	0.00
	73	-1.84	3.74	-0.07	0.00	0.00	0.02
	74	-1.03	3.75	-0.07	0.00	0.00	0.00
	75	2.21	2.91	-0.07	0.00	0.00	-0.03
	76	3.03	2.91	-0.07	0.00	0.00	-0.05
	77	0.17	2.91	-0.07	0.00	0.00	-0.03
	78	0.99	2.91	-0.07	0.00	0.00	-0.05
	79	-0.99	-2.91	-0.07	0.00	0.00	0.05
	80	-0.17	-2.91	-0.07	0.00	0.00	0.03
	81	-3.03	-2.91	-0.07	0.00	0.00	0.05
	82	-2.21	-2.91	-0.07	0.00	0.00	0.03
	83	1.03	-3.75	-0.07	0.00	0.00	-0.00
	84	1.84	-3.74	-0.07	0.00	0.00	-0.02
	85	-1.01	-3.75	-0.07	0.00	0.00	-0.00
	86	-0.20	-3.74	-0.07	0.00	0.00	-0.02
116	1	2.20	0.00	-0.05	0.00	0.00	0.00
	2	-2.20	-0.00	-0.05	0.00	0.00	-0.00
	3	-0.00	1.65	-0.05	0.00	0.00	0.00
	4	0.00	-1.63	-0.05	0.00	0.00	-0.00
	5	3.67	0.00	-0.05	0.00	0.00	0.00
	6	-3.67	-0.00	-0.05	0.00	0.00	-0.00
	7	-0.00	2.75	-0.05	0.00	0.00	0.00
	8	0.00	-2.71	-0.05	0.00	0.00	-0.00
	9	1.86	1.79	-0.04	0.00	0.00	0.03
	10	2.45	1.25	-0.04	0.00	0.00	0.02
	11	1.52	0.02	-0.04	0.00	0.00	0.04
	12	2.10	-0.51	-0.04	0.00	0.00	0.03
	13	4.49	0.51	-0.04	0.00	0.00	-0.03
	14	5.08	-0.02	-0.04	0.00	0.00	-0.04
	15	4.15	-1.25	-0.04	0.00	0.00	-0.02
	16	4.74	-1.79	-0.04	0.00	0.00	-0.03
	17	-4.74	1.79	-0.04	0.00	0.00	0.03
	18	-4.15	1.25	-0.04	0.00	0.00	0.02
	19	-5.08	0.02	-0.04	0.00	0.00	0.04
	20	-4.49	-0.51	-0.04	0.00	0.00	0.03
	21	-2.10	0.51	-0.04	0.00	0.00	-0.03
	22	-1.52	-0.02	-0.04	0.00	0.00	-0.04
	23	-2.45	-1.25	-0.04	0.00	0.00	-0.02
	24	-1.86	-1.79	-0.04	0.00	0.00	-0.03
	25	0.19	4.02	-0.04	0.00	0.00	0.02

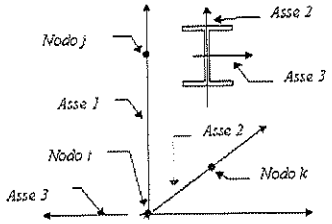
	26	0.98	3.64	-0.04	0.00	0.00	0.00
	27	-1.79	4.02	-0.04	0.00	0.00	0.02
	28	-1.00	3.64	-0.04	0.00	0.00	0.00
	29	2.15	2.25	-0.04	0.00	0.00	-0.03
	30	2.94	1.87	-0.04	0.00	0.00	-0.05
	31	0.17	2.25	-0.04	0.00	0.00	-0.03
	32	0.96	1.87	-0.04	0.00	0.00	-0.05
	33	-0.96	-1.87	-0.04	0.00	0.00	0.05
	34	-0.17	-2.25	-0.04	0.00	0.00	0.03
	35	-2.94	-1.87	-0.04	0.00	0.00	0.05
	36	-2.15	-2.25	-0.04	0.00	0.00	0.03
	37	1.00	-3.64	-0.04	0.00	0.00	-0.00
	38	1.79	-4.02	-0.04	0.00	0.00	-0.02
	39	-0.98	-3.64	-0.04	0.00	0.00	-0.00
	40	-0.19	-4.02	-0.04	0.00	0.00	-0.02
	41	1.47	0.00	-0.04	0.00	0.00	0.00
	42	-1.47	-0.00	-0.04	0.00	0.00	-0.00
	43	-0.00	1.10	-0.04	0.00	0.00	0.00
	44	0.00	-1.08	-0.04	0.00	0.00	-0.00
	45	2.45	0.00	-0.04	0.00	0.00	0.00
	46	-2.45	-0.00	-0.04	0.00	0.00	-0.00
	47	-0.00	1.84	-0.04	0.00	0.00	0.00
	48	0.00	-1.81	-0.04	0.00	0.00	-0.00
	49	0.00	0.00	-0.04	0.00	0.00	0.00
	50	0.49	0.00	-0.04	0.00	0.00	0.00
	51	-0.49	-0.00	-0.04	0.00	0.00	-0.00
	52	-0.00	0.37	-0.04	0.00	0.00	0.00
	53	0.00	-0.36	-0.04	0.00	0.00	-0.00
	54	0.00	0.00	-0.04	0.00	0.00	0.00
	55	1.92	1.84	-0.04	0.00	0.00	0.03
	56	2.52	1.29	-0.04	0.00	0.00	0.02
	57	1.56	0.02	-0.04	0.00	0.00	0.04
	58	2.17	-0.53	-0.04	0.00	0.00	0.03
	59	4.63	0.53	-0.04	0.00	0.00	-0.03
	60	5.24	-0.02	-0.04	0.00	0.00	-0.04
	61	4.28	-1.29	-0.04	0.00	0.00	-0.02
	62	4.88	-1.84	-0.04	0.00	0.00	-0.03
	63	-4.88	1.84	-0.04	0.00	0.00	0.03
	64	-4.28	1.29	-0.04	0.00	0.00	0.02
	65	-5.24	0.02	-0.04	0.00	0.00	0.04
	66	-4.63	-0.53	-0.04	0.00	0.00	0.03
	67	-2.17	0.53	-0.04	0.00	0.00	-0.03
	68	-1.56	-0.02	-0.04	0.00	0.00	-0.04
	69	-2.52	-1.29	-0.04	0.00	0.00	-0.02
	70	-1.92	-1.84	-0.04	0.00	0.00	-0.03
	71	0.20	4.15	-0.04	0.00	0.00	0.02
	72	1.01	3.75	-0.04	0.00	0.00	0.00
	73	-1.84	4.15	-0.04	0.00	0.00	0.02
	74	-1.03	3.75	-0.04	0.00	0.00	0.00
	75	2.21	2.32	-0.04	0.00	0.00	-0.03
	76	3.03	1.93	-0.04	0.00	0.00	-0.05
	77	0.17	2.32	-0.04	0.00	0.00	-0.03
	78	0.99	1.93	-0.04	0.00	0.00	-0.05
	79	-0.99	-1.93	-0.04	0.00	0.00	0.05
	80	-0.17	-2.32	-0.04	0.00	0.00	0.03
	81	-3.03	-1.93	-0.04	0.00	0.00	0.05
	82	-2.21	-2.32	-0.04	0.00	0.00	0.03
	83	1.03	-3.75	-0.04	0.00	0.00	-0.00
	84	1.84	-4.15	-0.04	0.00	0.00	-0.02
	85	-1.01	-3.75	-0.04	0.00	0.00	-0.00
	86	-0.20	-4.15	-0.04	0.00	0.00	-0.02

- Sollecitazioni nei pilastri

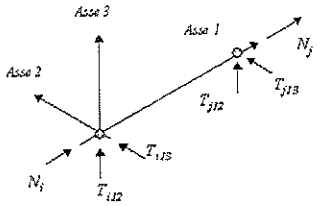
- Convenzioni adottate

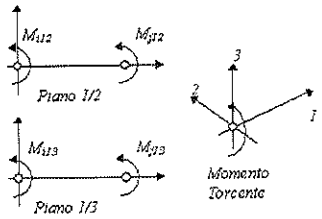
Le sollecitazioni nei pilastri sono da intendersi nel sistema di riferimento locale dell'elemento e si riferiscono all'asta.

L'orientamento del pilastro nello spazio è definito a mezzo del nodo *K*. La terna di riferimento locale dell'asta è così disposta:



Per quanto concerne i segni positivi assunti per le varie componenti di sollecitazione si assumono come positivi i versi e le sollecitazioni così diretti:





Per ogni pilastro vengono riportate, nelle varie combinazioni di carico, le componenti di sollecitazione alle estremità dell'asta.

Comb.	Nodo	N [kg]	T1-2 [kg]	T1-3 [kg]	Mt [kgm]	M1-3 [kgm]	M1-2 [kgm]
1	1	59374.4	0.0	2797.8	-0.0	-24060.8	0.0
	101	-49312.4	-0.0	-2797.8	0.0	0.0	0.0
2	1	59374.4	-0.0	-2797.8	0.0	24060.8	-0.0
	101	-49312.4	0.0	2797.8	-0.0	0.0	0.0
3	1	59374.4	-2097.2	0.0	-0.0	-0.0	-18036.1
	101	-49312.4	2097.2	-0.0	0.0	0.0	0.0
4	1	59374.4	2063.5	-0.0	0.0	0.0	17745.9
	101	-49312.4	-2063.5	0.0	-0.0	0.0	0.0
5	1	56445.8	0.0	4662.9	-0.0	-40101.3	0.0

	101	-46383.8	-0.0	-4662.9	0.0	0.0	0.0
6	1	56445.8	-0.0	-4662.9	0.0	40101.3	-0.0
	101	-46383.8	0.0	4662.9	-0.0	0.0	0.0
7	1	56445.8	-3495.4	0.0	-0.0	-0.0	-30060.2
	101	-46383.8	3495.4	-0.0	0.0	0.0	0.0
8	1	56445.8	3439.1	-0.0	0.0	0.0	29576.5
	101	-46383.8	-3439.1	0.0	-0.0	0.0	0.0
9	1	40641.4	-41.3	5596.5	-1560.5	-48129.5	-355.0
	101	-32901.4	41.3	-5596.5	1560.5	0.0	0.0
10	1	40641.4	-323.8	4851.0	-923.4	-41718.6	-2784.8
	101	-32901.4	323.8	-4851.0	923.4	0.0	0.0
11	1	40641.4	2775.4	6033.8	-1934.4	-51890.7	23868.4
	101	-32901.4	-2775.4	-6033.8	1934.4	0.0	0.0
12	1	40641.4	2492.9	5288.4	-1297.2	-45479.9	21438.6
	101	-32901.4	-2492.9	-5288.4	1297.2	0.0	0.0
13	1	40641.4	-2492.9	3477.8	1297.2	-29909.2	-21438.6
	101	-32901.4	2492.9	-3477.8	-1297.2	0.0	0.0
14	1	40641.4	-2775.4	2732.4	1934.4	-23498.3	-23868.4
	101	-32901.4	2775.4	-2732.4	-1934.4	0.0	0.0
15	1	40641.4	323.8	3915.2	923.4	-33670.4	2784.8
	101	-32901.4	-323.8	-3915.2	-923.4	0.0	0.0
16	1	40641.4	41.3	3169.7	1560.6	-27259.6	355.0
	101	-32901.4	-41.3	-3169.7	-1560.6	0.0	0.0
17	1	40641.4	-41.3	-3169.7	-1560.5	27259.6	-355.0
	101	-32901.4	41.3	3169.7	1560.5	0.0	0.0
18	1	40641.4	-323.8	-3915.2	-923.4	33670.4	-2784.8
	101	-32901.4	323.8	3915.2	923.4	0.0	0.0
19	1	40641.4	2775.4	-2732.4	-1934.4	23498.3	23868.4
	101	-32901.4	-2775.4	2732.4	1934.4	0.0	0.0
20	1	40641.4	2492.9	-3477.8	-1297.2	29909.2	21438.6
	101	-32901.4	-2492.9	3477.8	1297.2	0.0	0.0
21	1	40641.4	-2492.9	-5288.4	1297.2	45479.9	-21438.6
	101	-32901.4	2492.9	5288.4	-1297.2	0.0	0.0
22	1	40641.4	-2775.4	-6033.8	1934.4	51890.7	-23868.4
	101	-32901.4	2775.4	6033.8	-1934.4	0.0	0.0
23	1	40641.4	323.8	-4851.0	923.4	41718.7	2784.8
	101	-32901.4	-323.8	4851.0	-923.4	0.0	0.0
24	1	40641.4	41.3	-5596.5	1560.5	48129.5	355.0
	101	-32901.4	-41.3	5596.5	-1560.5	0.0	0.0
25	1	40641.4	-3855.8	2146.2	-867.5	-18457.4	-33160.1
	101	-32901.4	3855.8	-2146.2	867.5	0.0	0.0
26	1	40641.4	-4591.3	1510.6	-10.2	-12991.3	-39485.2
	101	-32901.4	4591.3	-1510.6	10.2	0.0	0.0
27	1	40641.4	-3855.8	-483.6	-867.5	4159.3	-33160.1
	101	-32901.4	3855.8	483.6	867.5	0.0	0.0
28	1	40641.4	-4591.3	-1119.2	-10.2	9625.4	-39485.2
	101	-32901.4	4591.3	1119.2	10.2	0.0	0.0
29	1	40641.4	-4797.6	-338.6	1256.2	2912.0	-41259.4
	101	-32901.4	4797.6	338.6	-1256.2	0.0	0.0
30	1	40641.4	-5533.1	-974.2	2113.6	8378.1	-47584.5
	101	-32901.4	5533.1	974.2	-2113.6	0.0	0.0
31	1	40641.4	-4797.6	-2968.5	1256.2	25528.7	-41259.4
	101	-32901.4	4797.6	2968.5	-1256.2	0.0	0.0
32	1	40641.4	-5533.1	-3604.1	2113.6	30994.8	-47584.5
	101	-32901.4	5533.1	3604.1	-2113.6	0.0	0.0
33	1	40641.4	5533.1	3604.0	-2113.6	-30994.8	47584.5
	101	-32901.4	-5533.1	-3604.0	2113.6	0.0	0.0
34	1	40641.4	4797.6	2968.5	-1256.2	-25528.7	41259.4
	101	-32901.4	-4797.6	-2968.5	1256.2	0.0	0.0
35	1	40641.4	5533.1	974.2	-2113.6	-8378.1	47584.5
	101	-32901.4	-5533.1	-974.2	2113.6	0.0	0.0
36	1	40641.4	4797.6	338.6	-1256.2	-2912.0	41259.4
	101	-32901.4	-4797.6	-338.6	1256.2	0.0	0.0
37	1	40641.4	4591.3	1119.2	10.2	-9625.4	39485.2
	101	-32901.4	-4591.3	-1119.2	-10.2	0.0	0.0

38	1	40641.4	3855.8	483.6	867.5	-4159.3	33160.1
	101	-32901.4	-3855.8	-483.6	-867.5	0.0	0.0
39	1	40641.4	4591.3	-1510.6	10.2	12991.3	39485.2
	101	-32901.4	-4591.3	1510.6	-10.2	0.0	0.0
40	1	40641.4	3855.8	-2146.2	867.5	18457.4	33160.1
	101	-32901.4	-3855.8	2146.2	-867.5	0.0	0.0
41	1	44546.3	0.0	1865.2	-0.0	-16040.5	0.0
	101	-36806.3	-0.0	-1865.2	0.0	0.0	0.0
42	1	44546.3	-0.0	-1865.2	0.0	16040.5	-0.0
	101	-36806.3	0.0	1865.2	-0.0	0.0	0.0
43	1	44546.3	-1398.2	0.0	-0.0	-0.0	-12024.1
	101	-36806.3	1398.2	-0.0	0.0	0.0	0.0
44	1	44546.3	1375.7	-0.0	0.0	0.0	11830.6
	101	-36806.3	-1375.7	0.0	-0.0	0.0	0.0
45	1	42593.8	0.0	3108.6	-0.0	-26734.2	0.0
	101	-34853.8	-0.0	-3108.6	0.0	0.0	0.0
46	1	42593.8	-0.0	-3108.6	0.0	26734.2	-0.0
	101	-34853.8	0.0	3108.6	-0.0	0.0	0.0
47	1	42593.8	-2330.3	0.0	-0.0	-0.0	-20040.2
	101	-34853.8	2330.3	-0.0	0.0	0.0	0.0
48	1	42593.8	2292.8	-0.0	0.0	0.0	19717.7
	101	-34853.8	-2292.8	0.0	-0.0	0.0	0.0
49	1	41422.4	0.0	0.0	0.0	0.0	0.0
	101	-33682.4	0.0	0.0	0.0	0.0	0.0
50	1	40641.4	0.0	621.7	-0.0	-5346.8	0.0
	101	-32901.4	-0.0	-621.7	0.0	0.0	0.0
51	1	40641.4	-0.0	-621.7	0.0	5346.8	-0.0
	101	-32901.4	0.0	621.7	-0.0	0.0	0.0
52	1	40641.4	-466.1	0.0	-0.0	-0.0	-4008.0
	101	-32901.4	466.1	-0.0	0.0	0.0	0.0
53	1	40641.4	458.6	-0.0	0.0	0.0	3943.5
	101	-32901.4	-458.6	0.0	-0.0	0.0	0.0
54	1	40641.4	0.0	0.0	0.0	0.0	0.0
	101	-32901.4	0.0	0.0	0.0	0.0	0.0
55	1	40641.4	-42.6	5771.7	-1609.4	-49637.0	-366.1
	101	-32901.4	42.6	-5771.7	1609.4	0.0	0.0
56	1	40641.4	-334.0	5002.9	-952.3	-43025.4	-2872.0
	101	-32901.4	334.0	-5002.9	952.3	0.0	0.0
57	1	40641.4	2862.3	6222.8	-1994.9	-53516.0	24616.0
	101	-32901.4	-2862.3	-6222.8	1994.9	0.0	0.0
58	1	40641.4	2570.9	5454.0	-1337.9	-46904.4	22110.1
	101	-32901.4	-2570.9	-5454.0	1337.9	0.0	0.0
59	1	40641.4	-2570.9	3586.7	1337.9	-30846.0	-22110.1
	101	-32901.4	2570.9	-3586.7	-1337.9	0.0	0.0
60	1	40641.4	-2862.3	2817.9	1994.9	-24234.4	-24616.0
	101	-32901.4	2862.3	-2817.9	-1994.9	0.0	0.0
61	1	40641.4	334.0	4037.8	952.3	-34725.0	2872.0
	101	-32901.4	-334.0	-4037.8	-952.3	0.0	0.0
62	1	40641.4	42.6	3269.0	1609.4	-28113.4	366.1
	101	-32901.4	-42.6	-3269.0	-1609.4	0.0	0.0
63	1	40641.4	-42.6	-3269.0	-1609.4	28113.4	-366.1
	101	-32901.4	42.6	3269.0	1609.4	0.0	0.0
64	1	40641.4	-334.0	-4037.8	-952.3	34725.0	-2872.0
	101	-32901.4	334.0	4037.8	952.3	0.0	0.0
65	1	40641.4	2862.3	-2817.9	-1994.9	24234.4	24616.0
	101	-32901.4	-2862.3	2817.9	1994.9	0.0	0.0
66	1	40641.4	2570.9	-3586.7	-1337.9	30846.0	22110.1
	101	-32901.4	-2570.9	3586.7	1337.9	0.0	0.0
67	1	40641.4	-2570.9	-5454.0	1337.9	46904.4	-22110.1
	101	-32901.4	2570.9	5454.0	-1337.9	0.0	0.0
68	1	40641.4	-2862.3	-6222.8	1994.9	53516.0	-24616.0
	101	-32901.4	2862.3	6222.8	-1994.9	0.0	0.0
69	1	40641.4	334.0	-5003.0	952.3	43025.4	2872.0
	101	-32901.4	-334.0	5003.0	-952.3	0.0	0.0
70	1	40641.4	42.6	-5771.7	1609.4	49637.0	366.1

	101	-32901.4	-42.6	5771.7	-1609.4	0.0	0.0
71	1	40641.4	-3976.6	2213.4	-894.7	-19035.5	-34198.8
	101	-32901.4	3976.6	-2213.4	894.7	0.0	0.0
72	1	40641.4	-4735.1	1557.9	-10.5	-13398.2	-40722.0
	101	-32901.4	4735.1	-1557.9	10.5	0.0	0.0
73	1	40641.4	-3976.6	-498.8	-894.7	4289.6	-34198.8
	101	-32901.4	3976.6	498.8	894.7	0.0	0.0
74	1	40641.4	-4735.1	-1154.3	-10.5	9926.9	-40722.0
	101	-32901.4	4735.1	1154.3	10.5	0.0	0.0
75	1	40641.4	-4947.9	-349.2	1295.6	3003.2	-42551.7
	101	-32901.4	4947.9	349.2	-1295.6	0.0	0.0
76	1	40641.4	-5706.4	-1004.7	2179.8	8640.5	-49074.9
	101	-32901.4	5706.4	1004.7	-2179.8	0.0	0.0
77	1	40641.4	-4947.9	-3061.4	1295.6	26328.4	-42551.7
	101	-32901.4	4947.9	3061.4	-1295.6	0.0	0.0
78	1	40641.4	-5706.4	-3716.9	2179.8	31965.7	-49074.9
	101	-32901.4	5706.4	3716.9	-2179.8	0.0	0.0
79	1	40641.4	5706.4	3716.9	-2179.8	-31965.6	49074.9
	101	-32901.4	-5706.4	-3716.9	2179.8	0.0	0.0
80	1	40641.4	4947.9	3061.4	-1295.6	-26328.3	42551.7
	101	-32901.4	-4947.9	-3061.4	1295.6	0.0	0.0
81	1	40641.4	5706.4	1004.7	-2179.8	-8640.5	49074.9
	101	-32901.4	-5706.4	-1004.7	2179.8	0.0	0.0
82	1	40641.4	4947.9	349.2	-1295.6	-3003.2	42551.7
	101	-32901.4	-4947.9	-349.2	1295.6	0.0	0.0
83	1	40641.4	4735.1	1154.3	10.5	-9926.9	40722.0
	101	-32901.4	-4735.1	-1154.3	-10.5	0.0	0.0
84	1	40641.4	3976.6	498.8	894.7	-4289.6	34198.8
	101	-32901.4	-3976.6	-498.8	-894.7	0.0	0.0
85	1	40641.4	4735.1	-1557.9	10.5	13398.2	40722.0
	101	-32901.4	-4735.1	1557.9	-10.5	0.0	0.0
86	1	40641.4	3976.6	-2213.4	894.7	19035.5	34198.8
	101	-32901.4	-3976.6	2213.4	-894.7	0.0	0.0
1	2	108686.9	0.0	2797.8	-0.0	-24060.8	0.0
	102	-98624.9	-0.0	-2797.8	0.0	0.0	0.0
2	2	108686.9	-0.0	-2797.8	0.0	24060.8	-0.0
	102	-98624.9	0.0	2797.8	-0.0	0.0	0.0
3	2	108686.9	-2097.2	0.0	-0.0	-0.0	-18036.1
	102	-98624.9	2097.2	-0.0	0.0	0.0	0.0
4	2	108686.9	2063.5	-0.0	0.0	0.0	17745.9
	102	-98624.9	-2063.5	0.0	-0.0	0.0	0.0
5	2	102829.7	0.0	4662.9	-0.0	-40101.3	0.0
	102	-92767.7	-0.0	-4662.9	0.0	0.0	0.0
6	2	102829.7	-0.0	-4662.9	0.0	40101.3	-0.0
	102	-92767.7	0.0	4662.9	-0.0	0.0	0.0
7	2	102829.7	-3495.4	0.0	-0.0	-0.0	-30060.2
	102	-92767.7	3495.4	-0.0	0.0	0.0	0.0
8	2	102829.7	3439.1	-0.0	0.0	0.0	29576.5
	102	-92767.7	-3439.1	0.0	-0.0	0.0	0.0
9	2	73542.9	-733.2	5596.5	-1560.5	-48129.5	-6305.9
	102	-65802.9	733.2	-5596.5	1560.5	0.0	0.0
10	2	73542.9	-745.8	4851.0	-923.4	-41718.6	-6413.7
	102	-65802.9	745.8	-4851.0	923.4	0.0	0.0
11	2	73542.9	1913.2	6033.8	-1934.4	-51890.7	16453.2
	102	-65802.9	-1913.2	-6033.8	1934.4	0.0	0.0
12	2	73542.9	1900.6	5288.4	-1297.2	-45479.9	16345.3
	102	-65802.9	-1900.6	-5288.4	1297.2	0.0	0.0
13	2	73542.9	-1900.6	3477.8	1297.2	-29909.2	-16345.4
	102	-65802.9	1900.6	-3477.8	-1297.2	0.0	0.0
14	2	73542.9	-1913.2	2732.4	1934.4	-23498.3	-16453.2
	102	-65802.9	1913.2	-2732.4	-1934.4	0.0	0.0
15	2	73542.9	745.8	3915.2	923.4	-33670.4	6413.7
	102	-65802.9	-745.8	-3915.2	-923.4	0.0	0.0
16	2	73542.9	733.2	3169.7	1560.6	-27259.6	6305.9

	102	-65802.9	-733.2	-3169.7	-1560.6	0.0	0.0
17	2	73542.9	-733.2	-3169.7	-1560.5	27259.6	-6305.9
	102	-65802.9	733.2	3169.7	1560.5	0.0	0.0
18	2	73542.9	-745.8	-3915.2	-923.4	33670.4	-6413.7
	102	-65802.9	745.8	3915.2	923.4	0.0	0.0
19	2	73542.9	1913.2	-2732.4	-1934.4	23498.3	16453.2
	102	-65802.9	-1913.2	2732.4	1934.4	0.0	0.0
20	2	73542.9	1900.6	-3477.8	-1297.2	29909.2	16345.4
	102	-65802.9	-1900.6	3477.8	1297.2	0.0	0.0
21	2	73542.9	-1900.6	-5288.4	1297.2	45479.9	-16345.4
	102	-65802.9	1900.6	5288.4	-1297.2	0.0	0.0
22	2	73542.9	-1913.2	-6033.8	1934.4	51890.7	-16453.2
	102	-65802.9	1913.2	6033.8	-1934.4	0.0	0.0
23	2	73542.9	745.8	-4851.0	923.4	41718.7	6413.7
	102	-65802.9	-745.8	4851.0	-923.4	0.0	0.0
24	2	73542.9	733.2	-5596.5	1560.5	48129.5	6305.9
	102	-65802.9	-733.2	5596.5	-1560.5	0.0	0.0
25	2	73542.9	-4214.7	2146.2	-867.5	-18457.4	-36246.1
	102	-65802.9	4214.7	-2146.2	867.5	0.0	0.0
26	2	73542.9	-4564.9	1510.6	-10.2	-12991.3	-39258.0
	102	-65802.9	4564.9	-1510.6	10.2	0.0	0.0
27	2	73542.9	-4214.7	-483.6	-867.5	4159.3	-36246.1
	102	-65802.9	4214.7	483.6	867.5	0.0	0.0
28	2	73542.9	-4564.9	-1119.2	-10.2	9625.4	-39258.0
	102	-65802.9	4564.9	1119.2	10.2	0.0	0.0
29	2	73542.9	-4256.5	-338.6	1256.2	2912.0	-36605.6
	102	-65802.9	4256.5	338.6	-1256.2	0.0	0.0
30	2	73542.9	-4606.7	-974.2	2113.6	8378.1	-39617.5
	102	-65802.9	4606.7	974.2	-2113.6	0.0	0.0
31	2	73542.9	-4256.5	-2968.5	1256.2	25528.7	-36605.6
	102	-65802.9	4256.5	2968.5	-1256.2	0.0	0.0
32	2	73542.9	-4606.7	-3604.1	2113.6	30994.8	-39617.5
	102	-65802.9	4606.7	3604.1	-2113.6	0.0	0.0
33	2	73542.9	4606.7	3604.0	-2113.6	-30994.8	39617.5
	102	-65802.9	-4606.7	-3604.0	2113.6	0.0	0.0
34	2	73542.9	4256.5	2968.5	-1256.2	-25528.7	36605.6
	102	-65802.9	-4256.5	-2968.5	1256.2	0.0	0.0
35	2	73542.9	4606.7	974.2	-2113.6	-8378.1	39617.5
	102	-65802.9	-4606.7	-974.2	2113.6	0.0	0.0
36	2	73542.9	4256.5	338.6	-1256.2	-2912.0	36605.6
	102	-65802.9	-4256.5	-338.6	1256.2	0.0	0.0
37	2	73542.9	4564.9	1119.2	10.2	-9625.4	39258.0
	102	-65802.9	-4564.9	-1119.2	-10.2	0.0	0.0
38	2	73542.9	4214.7	483.6	867.5	-4159.3	36246.1
	102	-65802.9	-4214.7	-483.6	-867.5	0.0	0.0
39	2	73542.9	4564.9	-1510.6	10.2	12991.3	39258.0
	102	-65802.9	-4564.9	1510.6	-10.2	0.0	0.0
40	2	73542.9	4214.7	-2146.2	867.5	18457.4	36246.1
	102	-65802.9	-4214.7	2146.2	-867.5	0.0	0.0
41	2	81352.5	0.0	1865.2	-0.0	-16040.5	0.0
	102	-73612.5	-0.0	-1865.2	0.0	0.0	0.0
42	2	81352.5	-0.0	-1865.2	0.0	16040.5	-0.0
	102	-73612.5	0.0	1865.2	-0.0	0.0	0.0
43	2	81352.5	-1398.2	0.0	-0.0	-0.0	-12024.1
	102	-73612.5	1398.2	-0.0	0.0	0.0	0.0
44	2	81352.5	1375.7	-0.0	0.0	0.0	11830.6
	102	-73612.5	-1375.7	0.0	-0.0	0.0	0.0
45	2	77447.7	0.0	3108.6	-0.0	-26734.2	0.0
	102	-69707.7	-0.0	-3108.6	0.0	0.0	0.0
46	2	77447.7	-0.0	-3108.6	0.0	26734.2	-0.0
	102	-69707.7	0.0	3108.6	-0.0	0.0	0.0
47	2	77447.7	-2330.3	0.0	-0.0	-0.0	-20040.2
	102	-69707.7	2330.3	-0.0	0.0	0.0	0.0
48	2	77447.7	2292.8	-0.0	0.0	0.0	19717.7
	102	-69707.7	-2292.8	0.0	-0.0	0.0	0.0

49	2	75104.8	0.0	0.0	0.0	0.0	0.0
	102	-67364.8	0.0	0.0	0.0	0.0	0.0
50	2	73542.9	0.0	621.7	-0.0	-5346.8	0.0
	102	-65802.9	-0.0	-621.7	0.0	0.0	0.0
51	2	73542.9	-0.0	-621.7	0.0	5346.8	-0.0
	102	-65802.9	0.0	621.7	-0.0	0.0	0.0
52	2	73542.9	-466.1	0.0	-0.0	-0.0	-4008.0
	102	-65802.9	466.1	-0.0	0.0	0.0	0.0
53	2	73542.9	458.6	-0.0	0.0	0.0	3943.5
	102	-65802.9	-458.6	0.0	-0.0	0.0	0.0
54	2	73542.9	0.0	0.0	0.0	0.0	0.0
	102	-65802.9	0.0	0.0	0.0	0.0	0.0
55	2	73542.9	-756.2	5771.7	-1609.4	-49637.0	-6503.4
	102	-65802.9	756.2	-5771.7	1609.4	0.0	0.0
56	2	73542.9	-769.1	5002.9	-952.3	-43025.4	-6614.6
	102	-65802.9	769.1	-5002.9	952.3	0.0	0.0
57	2	73542.9	1973.1	6222.8	-1994.9	-53516.0	16968.5
	102	-65802.9	-1973.1	-6222.8	1994.9	0.0	0.0
58	2	73542.9	1960.2	5454.0	-1337.9	-46904.4	16857.3
	102	-65802.9	-1960.2	-5454.0	1337.9	0.0	0.0
59	2	73542.9	-1960.2	3586.7	1337.9	-30846.0	-16857.3
	102	-65802.9	1960.2	-3586.7	-1337.9	0.0	0.0
60	2	73542.9	-1973.1	2817.9	1994.9	-24234.4	-16968.6
	102	-65802.9	1973.1	-2817.9	-1994.9	0.0	0.0
61	2	73542.9	769.1	4037.8	952.3	-34725.0	6614.6
	102	-65802.9	-769.1	-4037.8	-952.3	0.0	0.0
62	2	73542.9	756.2	3269.0	1609.4	-28113.4	6503.4
	102	-65802.9	-756.2	-3269.0	-1609.4	0.0	0.0
63	2	73542.9	-756.2	-3269.0	-1609.4	28113.4	-6503.4
	102	-65802.9	756.2	3269.0	1609.4	0.0	0.0
64	2	73542.9	-769.1	-4037.8	-952.3	34725.0	-6614.6
	102	-65802.9	769.1	4037.8	952.3	0.0	0.0
65	2	73542.9	1973.1	-2817.9	-1994.9	24234.4	16968.6
	102	-65802.9	-1973.1	2817.9	1994.9	0.0	0.0
66	2	73542.9	1960.2	-3586.7	-1337.9	30846.0	16857.3
	102	-65802.9	-1960.2	3586.7	1337.9	0.0	0.0
67	2	73542.9	-1960.2	-5454.0	1337.9	46904.4	-16857.3
	102	-65802.9	1960.2	5454.0	-1337.9	0.0	0.0
68	2	73542.9	-1973.1	-6222.8	1994.9	53516.0	-16968.6
	102	-65802.9	1973.1	6222.8	-1994.9	0.0	0.0
69	2	73542.9	769.1	-5003.0	952.3	43025.4	6614.6
	102	-65802.9	-769.1	5003.0	-952.3	0.0	0.0
70	2	73542.9	756.2	-5771.7	1609.4	49637.0	6503.4
	102	-65802.9	-756.2	5771.7	-1609.4	0.0	0.0
71	2	73542.9	-4346.7	2213.4	-894.7	-19035.5	-37381.4
	102	-65802.9	4346.7	-2213.4	894.7	0.0	0.0
72	2	73542.9	-4707.9	1557.9	-10.5	-13398.2	-40487.6
	102	-65802.9	4707.9	-1557.9	10.5	0.0	0.0
73	2	73542.9	-4346.7	-498.8	-894.7	4289.6	-37381.4
	102	-65802.9	4346.7	498.8	894.7	0.0	0.0
74	2	73542.9	-4707.9	-1154.3	-10.5	9926.9	-40487.6
	102	-65802.9	4707.9	1154.3	10.5	0.0	0.0
75	2	73542.9	-4389.8	-349.2	1295.6	3003.2	-37752.2
	102	-65802.9	4389.8	349.2	-1295.6	0.0	0.0
76	2	73542.9	-4751.0	-1004.7	2179.8	8640.5	-40858.4
	102	-65802.9	4751.0	1004.7	-2179.8	0.0	0.0
77	2	73542.9	-4389.8	-3061.4	1295.6	26328.4	-37752.2
	102	-65802.9	4389.8	3061.4	-1295.6	0.0	0.0
78	2	73542.9	-4751.0	-3716.9	2179.8	31965.7	-40858.4
	102	-65802.9	4751.0	3716.9	-2179.8	0.0	0.0
79	2	73542.9	4751.0	3716.9	-2179.8	-31965.6	40858.4
	102	-65802.9	-4751.0	-3716.9	2179.8	0.0	0.0
80	2	73542.9	4389.8	3061.4	-1295.6	-26328.3	37752.2
	102	-65802.9	-4389.8	-3061.4	1295.6	0.0	0.0
81	2	73542.9	4751.0	1004.7	-2179.8	-8640.5	40858.4

	102	-65802.9	-4751.0	-1004.7	2179.8	0.0	0.0
82	2	73542.9	4389.8	349.2	-1295.6	-3003.2	37752.2
	102	-65802.9	-4389.8	-349.2	1295.6	0.0	0.0
83	2	73542.9	4707.9	1154.3	10.5	-9926.9	40487.6
	102	-65802.9	-4707.9	-1154.3	-10.5	0.0	0.0
84	2	73542.9	4346.7	498.8	894.7	-4289.6	37381.4
	102	-65802.9	-4346.7	-498.8	-894.7	0.0	0.0
85	2	73542.9	4707.9	-1557.9	10.5	13398.2	40487.6
	102	-65802.9	-4707.9	1557.9	-10.5	0.0	0.0
86	2	73542.9	4346.7	-2213.4	894.7	19035.5	37381.4
	102	-65802.9	-4346.7	2213.4	-894.7	0.0	0.0
1	3	108686.9	-0.0	2797.8	-0.0	-24060.8	-0.0
	103	-98624.9	0.0	-2797.8	0.0	0.0	0.0
2	3	108686.9	0.0	-2797.8	0.0	24060.8	0.0
	103	-98624.9	-0.0	2797.8	-0.0	0.0	0.0
3	3	108686.9	-2097.2	0.0	-0.0	-0.0	-18036.1
	103	-98624.9	2097.2	-0.0	0.0	0.0	0.0
4	3	108686.9	2063.5	-0.0	0.0	0.0	17745.9
	103	-98624.9	-2063.5	0.0	-0.0	0.0	0.0
5	3	102829.7	-0.0	4662.9	-0.0	-40101.3	-0.0
	103	-92767.7	0.0	-4662.9	0.0	0.0	0.0
6	3	102829.7	0.0	-4662.9	0.0	40101.3	0.0
	103	-92767.7	-0.0	4662.9	-0.0	0.0	0.0
7	3	102829.7	-3495.4	0.0	-0.0	-0.0	-30060.2
	103	-92767.7	3495.4	-0.0	0.0	0.0	0.0
8	3	102829.7	3439.1	-0.0	0.0	0.0	29576.5
	103	-92767.7	-3439.1	0.0	-0.0	0.0	0.0
9	3	73542.9	-2097.8	5596.5	-1560.5	-48129.5	-18040.7
	103	-65802.9	2097.8	-5596.5	1560.5	0.0	0.0
10	3	73542.9	-1870.0	4851.0	-923.4	-41718.6	-16082.3
	103	-65802.9	1870.0	-4851.0	923.4	0.0	0.0
11	3	73542.9	412.9	6033.8	-1934.4	-51890.7	3550.7
	103	-65802.9	-412.9	-6033.8	1934.4	0.0	0.0
12	3	73542.9	640.6	5288.4	-1297.2	-45479.9	5509.1
	103	-65802.9	-640.6	-5288.4	1297.2	0.0	0.0
13	3	73542.9	-640.6	3477.8	1297.2	-29909.2	-5509.1
	103	-65802.9	640.6	-3477.8	-1297.2	0.0	0.0
14	3	73542.9	-412.9	2732.4	1934.4	-23498.3	-3550.7
	103	-65802.9	412.9	-2732.4	-1934.4	0.0	0.0
15	3	73542.9	1870.0	3915.2	923.4	-33670.4	16082.3
	103	-65802.9	-1870.0	-3915.2	-923.4	0.0	0.0
16	3	73542.9	2097.8	3169.7	1560.6	-27259.6	18040.7
	103	-65802.9	-2097.8	-3169.7	-1560.6	0.0	0.0
17	3	73542.9	-2097.8	-3169.7	-1560.5	27259.6	-18040.7
	103	-65802.9	2097.8	3169.7	1560.5	0.0	0.0
18	3	73542.9	-1870.0	-3915.2	-923.4	33670.4	-16082.3
	103	-65802.9	1870.0	3915.2	923.4	0.0	0.0
19	3	73542.9	412.9	-2732.4	-1934.4	23498.3	3550.7
	103	-65802.9	-412.9	2732.4	1934.4	0.0	0.0
20	3	73542.9	640.6	-3477.8	-1297.2	29909.2	5509.0
	103	-65802.9	-640.6	3477.8	1297.2	0.0	0.0
21	3	73542.9	-640.6	-5288.4	1297.2	45479.9	-5509.1
	103	-65802.9	640.6	5288.4	-1297.2	0.0	0.0
22	3	73542.9	-412.9	-6033.8	1934.4	51890.7	-3550.7
	103	-65802.9	412.9	6033.8	-1934.4	0.0	0.0
23	3	73542.9	1870.0	-4851.0	923.4	41718.7	16082.3
	103	-65802.9	-1870.0	4851.0	-923.4	0.0	0.0
24	3	73542.9	2097.8	-5596.5	1560.5	48129.5	18040.7
	103	-65802.9	-2097.8	5596.5	-1560.5	0.0	0.0
25	3	73542.9	-4782.5	2146.2	-867.5	-18457.4	-41129.3
	103	-65802.9	4782.5	-2146.2	867.5	0.0	0.0
26	3	73542.9	-4345.3	1510.6	-10.2	-12991.3	-37369.8
	103	-65802.9	4345.3	-1510.6	10.2	0.0	0.0
27	3	73542.9	-4782.5	-483.6	-867.5	4159.3	-41129.3

	103	-65802.9	4782.5	483.6	867.5	0.0	0.0
28	3	73542.9	-4345.3	-1119.2	-10.2	9625.4	-37369.8
	103	-65802.9	4345.3	1119.2	10.2	0.0	0.0
29	3	73542.9	-4023.4	-338.6	1256.2	2912.0	-34601.4
	103	-65802.9	4023.4	338.6	-1256.2	0.0	0.0
30	3	73542.9	-3586.3	-974.2	2113.6	8378.1	-30841.9
	103	-65802.9	3586.3	974.2	-2113.6	0.0	0.0
31	3	73542.9	-4023.4	-2968.5	1256.2	25528.7	-34601.4
	103	-65802.9	4023.4	2968.5	-1256.2	0.0	0.0
32	3	73542.9	-3586.3	-3604.1	2113.6	30994.8	-30841.9
	103	-65802.9	3586.3	3604.1	-2113.6	0.0	0.0
33	3	73542.9	3586.3	3604.0	-2113.6	-30994.8	30841.9
	103	-65802.9	-3586.3	-3604.0	2113.6	0.0	0.0
34	3	73542.9	4023.4	2968.5	-1256.2	-25528.7	34601.4
	103	-65802.9	-4023.4	-2968.5	1256.2	0.0	0.0
35	3	73542.9	3586.3	974.2	-2113.6	-8378.1	30841.9
	103	-65802.9	-3586.3	-974.2	2113.6	0.0	0.0
36	3	73542.9	4023.4	338.6	-1256.2	-2912.0	34601.4
	103	-65802.9	-4023.4	-338.6	1256.2	0.0	0.0
37	3	73542.9	4345.3	1119.2	10.2	-9625.4	37369.8
	103	-65802.9	-4345.3	-1119.2	-10.2	0.0	0.0
38	3	73542.9	4782.5	483.6	867.5	-4159.3	41129.3
	103	-65802.9	-4782.5	-483.6	-867.5	0.0	0.0
39	3	73542.9	4345.3	-1510.6	10.2	12991.3	37369.8
	103	-65802.9	-4345.3	1510.6	-10.2	0.0	0.0
40	3	73542.9	4782.5	-2146.2	867.5	18457.4	41129.3
	103	-65802.9	-4782.5	2146.2	-867.5	0.0	0.0
41	3	81352.5	-0.0	1865.2	-0.0	-16040.5	-0.0
	103	-73612.5	0.0	-1865.2	0.0	0.0	0.0
42	3	81352.5	0.0	-1865.2	0.0	16040.5	0.0
	103	-73612.5	-0.0	1865.2	-0.0	0.0	0.0
43	3	81352.5	-1398.2	0.0	-0.0	-0.0	-12024.1
	103	-73612.5	1398.2	-0.0	0.0	0.0	0.0
44	3	81352.5	1375.7	-0.0	0.0	0.0	11830.6
	103	-73612.5	-1375.7	0.0	-0.0	0.0	0.0
45	3	77447.7	-0.0	3108.6	-0.0	-26734.2	-0.0
	103	-69707.7	0.0	-3108.6	0.0	0.0	0.0
46	3	77447.7	0.0	-3108.6	0.0	26734.2	0.0
	103	-69707.7	-0.0	3108.6	-0.0	0.0	0.0
47	3	77447.7	-2330.3	0.0	-0.0	-0.0	-20040.2
	103	-69707.7	2330.3	-0.0	0.0	0.0	0.0
48	3	77447.7	2292.8	-0.0	0.0	0.0	19717.7
	103	-69707.7	-2292.8	0.0	-0.0	0.0	0.0
49	3	75104.8	0.0	0.0	0.0	0.0	0.0
	103	-67364.8	0.0	0.0	0.0	0.0	0.0
50	3	73542.9	-0.0	621.7	-0.0	-5346.8	-0.0
	103	-65802.9	0.0	-621.7	0.0	0.0	0.0
51	3	73542.9	0.0	-621.7	0.0	5346.8	0.0
	103	-65802.9	-0.0	621.7	-0.0	0.0	0.0
52	3	73542.9	-466.1	0.0	-0.0	-0.0	-4008.0
	103	-65802.9	466.1	-0.0	0.0	0.0	0.0
53	3	73542.9	458.6	-0.0	0.0	0.0	3943.5
	103	-65802.9	-458.6	0.0	-0.0	0.0	0.0
54	3	73542.9	0.0	0.0	0.0	0.0	0.0
	103	-65802.9	0.0	0.0	0.0	0.0	0.0
55	3	73542.9	-2163.5	5771.7	-1609.4	-49637.0	-18605.8
	103	-65802.9	2163.5	-5771.7	1609.4	0.0	0.0
56	3	73542.9	-1928.6	5002.9	-952.3	-43025.4	-16586.1
	103	-65802.9	1928.6	-5002.9	952.3	0.0	0.0
57	3	73542.9	425.8	6222.8	-1994.9	-53516.0	3661.9
	103	-65802.9	-425.8	-6222.8	1994.9	0.0	0.0
58	3	73542.9	660.7	5454.0	-1337.9	-46904.4	5681.6
	103	-65802.9	-660.7	-5454.0	1337.9	0.0	0.0
59	3	73542.9	-660.7	3586.7	1337.9	-30846.0	-5681.6
	103	-65802.9	660.7	-3586.7	-1337.9	0.0	0.0

60	3	73542.9	-425.8	2817.9	1994.9	-24234.4	-3661.9
	103	-65802.9	425.8	-2817.9	-1994.9	0.0	0.0
61	3	73542.9	1928.6	4037.8	952.3	-34725.0	16586.1
	103	-65802.9	-1928.6	-4037.8	-952.3	0.0	0.0
62	3	73542.9	2163.5	3269.0	1609.4	-28113.4	18605.8
	103	-65802.9	-2163.5	-3269.0	-1609.4	0.0	0.0
63	3	73542.9	-2163.5	-3269.0	-1609.4	28113.4	-18605.8
	103	-65802.9	2163.5	3269.0	1609.4	0.0	0.0
64	3	73542.9	-1928.6	-4037.8	-952.3	34725.0	-16586.1
	103	-65802.9	1928.6	4037.8	952.3	0.0	0.0
65	3	73542.9	425.8	-2817.9	-1994.9	24234.4	3661.9
	103	-65802.9	-425.8	2817.9	1994.9	0.0	0.0
66	3	73542.9	660.7	-3586.7	-1337.9	30846.0	5681.6
	103	-65802.9	-660.7	3586.7	1337.9	0.0	0.0
67	3	73542.9	-660.7	-5454.0	1337.9	46904.4	-5681.6
	103	-65802.9	660.7	5454.0	-1337.9	0.0	0.0
68	3	73542.9	-425.8	-6222.8	1994.9	53516.0	-3661.9
	103	-65802.9	425.8	6222.8	-1994.9	0.0	0.0
69	3	73542.9	1928.6	-5003.0	952.3	43025.4	16586.0
	103	-65802.9	-1928.6	5003.0	-952.3	0.0	0.0
70	3	73542.9	2163.5	-5771.7	1609.4	49637.0	18605.8
	103	-65802.9	-2163.5	5771.7	-1609.4	0.0	0.0
71	3	73542.9	-4932.3	2213.4	-894.7	-19035.5	-42417.6
	103	-65802.9	4932.3	-2213.4	894.7	0.0	0.0
72	3	73542.9	-4481.4	1557.9	-10.5	-13398.2	-38540.3
	103	-65802.9	4481.4	-1557.9	10.5	0.0	0.0
73	3	73542.9	-4932.3	-498.8	-894.7	4289.6	-42417.6
	103	-65802.9	4932.3	498.8	894.7	0.0	0.0
74	3	73542.9	-4481.4	-1154.3	-10.5	9926.9	-38540.3
	103	-65802.9	4481.4	1154.3	10.5	0.0	0.0
75	3	73542.9	-4149.4	-349.2	1295.6	3003.2	-35685.2
	103	-65802.9	4149.4	349.2	-1295.6	0.0	0.0
76	3	73542.9	-3698.6	-1004.7	2179.8	8640.5	-31808.0
	103	-65802.9	3698.6	1004.7	-2179.8	0.0	0.0
77	3	73542.9	-4149.4	-3061.4	1295.6	26328.4	-35685.2
	103	-65802.9	4149.4	3061.4	-1295.6	0.0	0.0
78	3	73542.9	-3698.6	-3716.9	2179.8	31965.7	-31808.0
	103	-65802.9	3698.6	3716.9	-2179.8	0.0	0.0
79	3	73542.9	3698.6	3716.9	-2179.8	-31965.6	31808.0
	103	-65802.9	-3698.6	-3716.9	2179.8	0.0	0.0
80	3	73542.9	4149.4	3061.4	-1295.6	-26328.3	35685.2
	103	-65802.9	-4149.4	-3061.4	1295.6	0.0	0.0
81	3	73542.9	3698.6	1004.7	-2179.8	-8640.5	31808.0
	103	-65802.9	-3698.6	-1004.7	2179.8	0.0	0.0
82	3	73542.9	4149.4	349.2	-1295.6	-3003.2	35685.2
	103	-65802.9	-4149.4	-349.2	1295.6	0.0	0.0
83	3	73542.9	4481.4	1154.3	10.5	-9926.9	38540.3
	103	-65802.9	-4481.4	-1154.3	-10.5	0.0	0.0
84	3	73542.9	4932.3	498.8	894.7	-4289.6	42417.6
	103	-65802.9	-4932.3	-498.8	-894.7	0.0	0.0
85	3	73542.9	4481.4	-1557.9	10.5	13398.2	38540.3
	103	-65802.9	-4481.4	1557.9	-10.5	0.0	0.0
86	3	73542.9	4932.3	-2213.4	894.7	19035.5	42417.6
	103	-65802.9	-4932.3	2213.4	-894.7	0.0	0.0
1	4	59374.4	-0.0	2797.8	-0.0	-24060.8	-0.0
	104	-49312.4	0.0	-2797.8	0.0	0.0	0.0
2	4	59374.4	0.0	-2797.8	0.0	24060.8	0.0
	104	-49312.4	-0.0	2797.8	-0.0	0.0	0.0
3	4	59374.4	-2097.2	0.0	-0.0	-0.0	-18036.1
	104	-49312.4	2097.2	-0.0	0.0	0.0	0.0
4	4	59374.4	2063.5	-0.0	0.0	0.0	17745.9
	104	-49312.4	-2063.5	0.0	-0.0	0.0	0.0
5	4	56445.8	-0.0	4662.9	-0.0	-40101.3	-0.0
	104	-46383.8	0.0	-4662.9	0.0	0.0	0.0

6	4	56445.8	0.0	-4662.9	0.0	40101.3	0.0
	104	-46383.8	-0.0	4662.9	-0.0	0.0	0.0
7	4	56445.8	-3495.4	0.0	-0.0	-0.0	-30060.2
	104	-46383.8	3495.4	-0.0	0.0	0.0	0.0
8	4	56445.8	3439.1	-0.0	0.0	0.0	29576.5
	104	-46383.8	-3439.1	0.0	-0.0	0.0	0.0
9	4	40641.4	-2863.3	5596.5	-1560.5	-48129.5	-24624.5
	104	-32901.4	2863.3	-5596.5	1560.5	0.0	0.0
10	4	40641.4	-2443.5	4851.0	-923.4	-41718.6	-21014.5
	104	-32901.4	2443.5	-4851.0	923.4	0.0	0.0
11	4	40641.4	-436.0	6033.8	-1934.4	-51890.7	-3749.9
	104	-32901.4	436.0	-6033.8	1934.4	0.0	0.0
12	4	40641.4	-16.3	5288.4	-1297.2	-45479.9	-139.8
	104	-32901.4	16.3	-5288.4	1297.2	0.0	0.0
13	4	40641.4	16.3	3477.8	1297.2	-29909.2	139.8
	104	-32901.4	-16.3	-3477.8	-1297.2	0.0	0.0
14	4	40641.4	436.0	2732.4	1934.4	-23498.3	3749.9
	104	-32901.4	-436.0	-2732.4	-1934.4	0.0	0.0
15	4	40641.4	2443.5	3915.2	923.4	-33670.4	21014.5
	104	-32901.4	-2443.5	-3915.2	-923.4	0.0	0.0
16	4	40641.4	2863.3	3169.7	1560.6	-27259.6	24624.5
	104	-32901.4	-2863.3	-3169.7	-1560.6	0.0	0.0
17	4	40641.4	-2863.3	-3169.7	-1560.5	27259.6	-24624.5
	104	-32901.4	2863.3	3169.7	1560.5	0.0	0.0
18	4	40641.4	-2443.5	-3915.2	-923.4	33670.4	-21014.5
	104	-32901.4	2443.5	3915.2	923.4	0.0	0.0
19	4	40641.4	-436.0	-2732.4	-1934.4	23498.3	-3749.9
	104	-32901.4	436.0	2732.4	1934.4	0.0	0.0
20	4	40641.4	-16.3	-3477.8	-1297.2	29909.2	-139.8
	104	-32901.4	16.3	3477.8	1297.2	0.0	0.0
21	4	40641.4	16.3	-5288.4	1297.2	45479.9	139.8
	104	-32901.4	-16.3	5288.4	-1297.2	0.0	0.0
22	4	40641.4	436.0	-6033.8	1934.4	51890.7	3749.8
	104	-32901.4	-436.0	6033.8	-1934.4	0.0	0.0
23	4	40641.4	2443.5	-4851.0	923.4	41718.7	21014.4
	104	-32901.4	-2443.5	4851.0	-923.4	0.0	0.0
24	4	40641.4	2863.3	-5596.5	1560.5	48129.5	24624.5
	104	-32901.4	-2863.3	5596.5	-1560.5	0.0	0.0
25	4	40641.4	-5177.0	2146.2	-867.5	-18457.4	-44522.4
	104	-32901.4	5177.0	-2146.2	867.5	0.0	0.0
26	4	40641.4	-4313.2	1510.6	-10.2	-12991.3	-37093.1
	104	-32901.4	4313.2	-1510.6	10.2	0.0	0.0
27	4	40641.4	-5177.0	-483.6	-867.5	4159.3	-44522.4
	104	-32901.4	5177.0	483.6	867.5	0.0	0.0
28	4	40641.4	-4313.2	-1119.2	-10.2	9625.4	-37093.2
	104	-32901.4	4313.2	1119.2	10.2	0.0	0.0
29	4	40641.4	-3777.8	-338.6	1256.2	2912.0	-32489.0
	104	-32901.4	3777.8	338.6	-1256.2	0.0	0.0
30	4	40641.4	-2913.9	-974.2	2113.6	8378.1	-25059.7
	104	-32901.4	2913.9	974.2	-2113.6	0.0	0.0
31	4	40641.4	-3777.8	-2968.5	1256.2	25528.7	-32489.0
	104	-32901.4	3777.8	2968.5	-1256.2	0.0	0.0
32	4	40641.4	-2913.9	-3604.1	2113.6	30994.8	-25059.7
	104	-32901.4	2913.9	3604.1	-2113.6	0.0	0.0
33	4	40641.4	2913.9	3604.0	-2113.6	-30994.8	25059.7
	104	-32901.4	-2913.9	-3604.0	2113.6	0.0	0.0
34	4	40641.4	3777.8	2968.5	-1256.2	-25528.7	32489.0
	104	-32901.4	-3777.8	-2968.5	1256.2	0.0	0.0
35	4	40641.4	2913.9	974.2	-2113.6	-8378.1	25059.7
	104	-32901.4	-2913.9	-974.2	2113.6	0.0	0.0
36	4	40641.4	3777.8	338.6	-1256.2	-2912.0	32489.0
	104	-32901.4	-3777.8	-338.6	1256.2	0.0	0.0
37	4	40641.4	4313.2	1119.2	10.2	-9625.4	37093.2
	104	-32901.4	-4313.2	-1119.2	-10.2	0.0	0.0
38	4	40641.4	5177.0	483.6	867.5	-4159.3	44522.4

	104	-32901.4	-5177.0	-483.6	-867.5	0.0	0.0
39	4	40641.4	4313.2	-1510.6	10.2	12991.3	37093.1
	104	-32901.4	-4313.2	1510.6	-10.2	0.0	0.0
40	4	40641.4	5177.0	-2146.2	867.5	18457.4	44522.4
	104	-32901.4	-5177.0	2146.2	-867.5	0.0	0.0
41	4	44546.3	-0.0	1865.2	-0.0	-16040.5	-0.0
	104	-36806.3	0.0	-1865.2	0.0	0.0	0.0
42	4	44546.3	0.0	-1865.2	0.0	16040.5	0.0
	104	-36806.3	-0.0	1865.2	-0.0	0.0	0.0
43	4	44546.3	-1398.2	0.0	-0.0	-0.0	-12024.1
	104	-36806.3	1398.2	-0.0	0.0	0.0	0.0
44	4	44546.3	1375.7	-0.0	0.0	0.0	11830.6
	104	-36806.3	-1375.7	0.0	-0.0	0.0	0.0
45	4	42593.8	-0.0	3108.6	-0.0	-26734.2	-0.0
	104	-34853.8	0.0	-3108.6	0.0	0.0	0.0
46	4	42593.8	0.0	-3108.6	0.0	26734.2	0.0
	104	-34853.8	-0.0	3108.6	-0.0	0.0	0.0
47	4	42593.8	-2330.3	0.0	-0.0	-0.0	-20040.2
	104	-34853.8	2330.3	-0.0	0.0	0.0	0.0
48	4	42593.8	2292.8	-0.0	0.0	0.0	19717.7
	104	-34853.8	-2292.8	0.0	-0.0	0.0	0.0
49	4	41422.4	0.0	0.0	0.0	0.0	0.0
	104	-33682.4	0.0	0.0	0.0	0.0	0.0
50	4	40641.4	-0.0	621.7	-0.0	-5346.8	-0.0
	104	-32901.4	0.0	-621.7	0.0	0.0	0.0
51	4	40641.4	0.0	-621.7	0.0	5346.8	0.0
	104	-32901.4	-0.0	621.7	-0.0	0.0	0.0
52	4	40641.4	-466.1	0.0	-0.0	-0.0	-4008.0
	104	-32901.4	466.1	-0.0	0.0	0.0	0.0
53	4	40641.4	458.6	-0.0	0.0	0.0	3943.5
	104	-32901.4	-458.6	0.0	-0.0	0.0	0.0
54	4	40641.4	0.0	0.0	0.0	0.0	0.0
	104	-32901.4	0.0	0.0	0.0	0.0	0.0
55	4	40641.4	-2953.0	5771.7	-1609.4	-49637.0	-25395.8
	104	-32901.4	2953.0	-5771.7	1609.4	0.0	0.0
56	4	40641.4	-2520.1	5002.9	-952.3	-43025.4	-21672.7
	104	-32901.4	2520.1	-5002.9	952.3	0.0	0.0
57	4	40641.4	-449.7	6222.8	-1994.9	-53516.0	-3867.3
	104	-32901.4	449.7	-6222.8	1994.9	0.0	0.0
58	4	40641.4	-16.8	5454.0	-1337.9	-46904.4	-144.2
	104	-32901.4	16.8	-5454.0	1337.9	0.0	0.0
59	4	40641.4	16.8	3586.7	1337.9	-30846.0	144.2
	104	-32901.4	-16.8	-3586.7	-1337.9	0.0	0.0
60	4	40641.4	449.7	2817.9	1994.9	-24234.4	3867.3
	104	-32901.4	-449.7	-2817.9	-1994.9	0.0	0.0
61	4	40641.4	2520.1	4037.8	952.3	-34725.0	21672.7
	104	-32901.4	-2520.1	-4037.8	-952.3	0.0	0.0
62	4	40641.4	2953.0	3269.0	1609.4	-28113.4	25395.8
	104	-32901.4	-2953.0	-3269.0	-1609.4	0.0	0.0
63	4	40641.4	-2953.0	-3269.0	-1609.4	28113.4	-25395.8
	104	-32901.4	2953.0	3269.0	1609.4	0.0	0.0
64	4	40641.4	-2520.1	-4037.8	-952.3	34725.0	-21672.7
	104	-32901.4	2520.1	4037.8	952.3	0.0	0.0
65	4	40641.4	-449.7	-2817.9	-1994.9	24234.4	-3867.3
	104	-32901.4	449.7	2817.9	1994.9	0.0	0.0
66	4	40641.4	-16.8	-3586.7	-1337.9	30846.0	-144.2
	104	-32901.4	16.8	3586.7	1337.9	0.0	0.0
67	4	40641.4	16.8	-5454.0	1337.9	46904.4	144.2
	104	-32901.4	-16.8	5454.0	-1337.9	0.0	0.0
68	4	40641.4	449.7	-6222.8	1994.9	53516.0	3867.3
	104	-32901.4	-449.7	6222.8	-1994.9	0.0	0.0
69	4	40641.4	2520.1	-5003.0	952.3	43025.4	21672.7
	104	-32901.4	-2520.1	5003.0	-952.3	0.0	0.0
70	4	40641.4	2953.0	-5771.7	1609.4	49637.0	25395.8
	104	-32901.4	-2953.0	5771.7	-1609.4	0.0	0.0

71	4	40641.4	-5339.2	2213.4	-894.7	-19035.5	-45917.0
	104	-32901.4	5339.2	-2213.4	894.7	0.0	0.0
72	4	40641.4	-4448.3	1557.9	-10.5	-13398.2	-38255.0
	104	-32901.4	4448.3	-1557.9	10.5	0.0	0.0
73	4	40641.4	-5339.2	-498.8	-894.7	4289.6	-45917.0
	104	-32901.4	5339.2	498.8	894.7	0.0	0.0
74	4	40641.4	-4448.3	-1154.3	-10.5	9926.9	-38255.0
	104	-32901.4	4448.3	1154.3	10.5	0.0	0.0
75	4	40641.4	-3896.1	-349.2	1295.6	3003.2	-33506.6
	104	-32901.4	3896.1	349.2	-1295.6	0.0	0.0
76	4	40641.4	-3005.2	-1004.7	2179.8	8640.5	-25844.6
	104	-32901.4	3005.2	1004.7	-2179.8	0.0	0.0
77	4	40641.4	-3896.1	-3061.4	1295.6	26328.4	-33506.6
	104	-32901.4	3896.1	3061.4	-1295.6	0.0	0.0
78	4	40641.4	-3005.2	-3716.9	2179.8	31965.7	-25844.6
	104	-32901.4	3005.2	3716.9	-2179.8	0.0	0.0
79	4	40641.4	3005.2	3716.9	-2179.8	-31965.6	25844.6
	104	-32901.4	-3005.2	-3716.9	2179.8	0.0	0.0
80	4	40641.4	3896.1	3061.4	-1295.6	-26328.3	33506.6
	104	-32901.4	-3896.1	-3061.4	1295.6	0.0	0.0
81	4	40641.4	3005.2	1004.7	-2179.8	-8640.5	25844.6
	104	-32901.4	-3005.2	-1004.7	2179.8	0.0	0.0
82	4	40641.4	3896.1	349.2	-1295.6	-3003.2	33506.6
	104	-32901.4	-3896.1	-349.2	1295.6	0.0	0.0
83	4	40641.4	4448.3	1154.3	10.5	-9926.9	38255.0
	104	-32901.4	-4448.3	-1154.3	-10.5	0.0	0.0
84	4	40641.4	5339.2	498.8	894.7	-4289.6	45917.0
	104	-32901.4	-5339.2	-498.8	-894.7	0.0	0.0
85	4	40641.4	4448.3	-1557.9	10.5	13398.2	38255.0
	104	-32901.4	-4448.3	1557.9	-10.5	0.0	0.0
86	4	40641.4	5339.2	-2213.4	894.7	19035.5	45917.0
	104	-32901.4	-5339.2	2213.4	-894.7	0.0	0.0
1	5	101641.6	0.0	2797.8	-0.0	-24060.8	0.0
	105	-91579.6	-0.0	-2797.8	0.0	0.0	0.0
2	5	101641.6	-0.0	-2797.8	0.0	24060.8	-0.0
	105	-91579.6	0.0	2797.8	-0.0	0.0	0.0
3	5	101641.6	-2097.2	0.0	-0.0	-0.0	-18036.1
	105	-91579.6	2097.2	-0.0	0.0	0.0	0.0
4	5	101641.6	2063.5	-0.0	0.0	0.0	17745.9
	105	-91579.6	-2063.5	0.0	-0.0	0.0	0.0
5	5	95786.2	0.0	4662.9	-0.0	-40101.3	0.0
	105	-85724.2	-0.0	-4662.9	0.0	0.0	0.0
6	5	95786.2	-0.0	-4662.9	0.0	40101.3	-0.0
	105	-85724.2	0.0	4662.9	-0.0	0.0	0.0
7	5	95786.2	-3495.4	0.0	-0.0	-0.0	-30060.2
	105	-85724.2	3495.4	-0.0	0.0	0.0	0.0
8	5	95786.2	3439.1	-0.0	0.0	0.0	29576.5
	105	-85724.2	-3439.1	0.0	-0.0	0.0	0.0
9	5	68126.5	-41.3	4627.7	-1560.5	-39798.2	-355.0
	105	-60386.5	41.3	-4627.7	1560.5	0.0	0.0
10	5	68126.5	-323.8	4379.3	-923.4	-37662.1	-2784.8
	105	-60386.5	323.8	-4379.3	923.4	0.0	0.0
11	5	68126.5	2775.4	4773.4	-1934.4	-41051.4	23868.4
	105	-60386.5	-2775.4	-4773.4	1934.4	0.0	0.0
12	5	68126.5	2492.9	4525.0	-1297.2	-38915.3	21438.6
	105	-60386.5	-2492.9	-4525.0	1297.2	0.0	0.0
13	5	68126.5	-2492.9	3892.5	1297.2	-33475.8	-21438.6
	105	-60386.5	2492.9	-3892.5	-1297.2	0.0	0.0
14	5	68126.5	-2775.4	3644.2	1934.4	-31339.7	-23868.4
	105	-60386.5	2775.4	-3644.2	-1934.4	0.0	0.0
15	5	68126.5	323.8	4038.3	923.4	-34729.0	2784.8
	105	-60386.5	-323.8	-4038.3	-923.4	0.0	0.0
16	5	68126.5	41.3	3789.9	1560.6	-32592.9	355.0
	105	-60386.5	-41.3	-3789.9	-1560.6	0.0	0.0

17	5	68126.5	-41.3	-3789.9	-1560.5	32592.9	-355.0
	105	-60386.5	41.3	3789.9	1560.5	0.0	0.0
18	5	68126.5	-323.8	-4038.3	-923.4	34729.0	-2784.8
	105	-60386.5	323.8	4038.3	923.4	0.0	0.0
19	5	68126.5	2775.4	-3644.2	-1934.4	31339.7	23868.4
	105	-60386.5	-2775.4	3644.2	1934.4	0.0	0.0
20	5	68126.5	2492.9	-3892.5	-1297.2	33475.8	21438.6
	105	-60386.5	-2492.9	3892.5	1297.2	0.0	0.0
21	5	68126.5	-2492.9	-4525.0	1297.2	38915.3	-21438.6
	105	-60386.5	2492.9	4525.0	-1297.2	0.0	0.0
22	5	68126.5	-2775.4	-4773.4	1934.4	41051.4	-23868.4
	105	-60386.5	2775.4	4773.4	-1934.4	0.0	0.0
23	5	68126.5	323.8	-4379.3	923.4	37662.1	2784.8
	105	-60386.5	-323.8	4379.3	-923.4	0.0	0.0
24	5	68126.5	41.3	-4627.7	1560.5	39798.2	355.0
	105	-60386.5	-41.3	4627.7	-1560.5	0.0	0.0
25	5	68126.5	-3855.8	1544.0	-867.5	-13278.4	-33160.1
	105	-60386.5	3855.8	-1544.0	867.5	0.0	0.0
26	5	68126.5	-4591.3	1323.5	-10.2	-11381.7	-39485.2
	105	-60386.5	4591.3	-1323.5	10.2	0.0	0.0
27	5	68126.5	-3855.8	-981.3	-867.5	8438.9	-33160.1
	105	-60386.5	3855.8	981.3	867.5	0.0	0.0
28	5	68126.5	-4591.3	-1201.8	-10.2	10335.6	-39485.2
	105	-60386.5	4591.3	1201.8	10.2	0.0	0.0
29	5	68126.5	-4797.6	716.1	1256.2	-6158.2	-41259.4
	105	-60386.5	4797.6	-716.1	-1256.2	0.0	0.0
30	5	68126.5	-5533.1	495.5	2113.6	-4261.5	-47584.5
	105	-60386.5	5533.1	-495.5	-2113.6	0.0	0.0
31	5	68126.5	-4797.6	-1809.2	1256.2	15559.1	-41259.4
	105	-60386.5	4797.6	1809.2	-1256.2	0.0	0.0
32	5	68126.5	-5533.1	-2029.7	2113.6	17455.8	-47584.5
	105	-60386.5	5533.1	2029.7	-2113.6	0.0	0.0
33	5	68126.5	5533.1	2029.7	-2113.6	-17455.8	47584.5
	105	-60386.5	-5533.1	-2029.7	2113.6	0.0	0.0
34	5	68126.5	4797.6	1809.2	-1256.2	-15559.1	41259.4
	105	-60386.5	-4797.6	-1809.2	1256.2	0.0	0.0
35	5	68126.5	5533.1	-495.5	-2113.6	4261.5	47584.5
	105	-60386.5	-5533.1	495.5	2113.6	0.0	0.0
36	5	68126.5	4797.6	-716.1	-1256.2	6158.2	41259.4
	105	-60386.5	-4797.6	716.1	1256.2	0.0	0.0
37	5	68126.5	4591.3	1201.8	10.2	-10335.6	39485.2
	105	-60386.5	-4591.3	-1201.8	-10.2	0.0	0.0
38	5	68126.5	3855.8	981.3	867.5	-8438.9	33160.1
	105	-60386.5	-3855.8	-981.3	-867.5	0.0	0.0
39	5	68126.5	4591.3	-1323.5	10.2	11381.7	39485.2
	105	-60386.5	-4591.3	1323.5	-10.2	0.0	0.0
40	5	68126.5	3855.8	-1544.0	867.5	13278.4	33160.1
	105	-60386.5	-3855.8	1544.0	-867.5	0.0	0.0
41	5	75933.8	0.0	1865.2	-0.0	-16040.5	0.0
	105	-68193.8	-0.0	-1865.2	0.0	0.0	0.0
42	5	75933.8	-0.0	-1865.2	0.0	16040.5	-0.0
	105	-68193.8	0.0	1865.2	-0.0	0.0	0.0
43	5	75933.8	-1398.2	0.0	-0.0	-0.0	-12024.1
	105	-68193.8	1398.2	-0.0	0.0	0.0	0.0
44	5	75933.8	1375.7	-0.0	0.0	0.0	11830.6
	105	-68193.8	-1375.7	0.0	-0.0	0.0	0.0
45	5	72030.1	0.0	3108.6	-0.0	-26734.2	0.0
	105	-64290.1	-0.0	-3108.6	0.0	0.0	0.0
46	5	72030.1	-0.0	-3108.6	0.0	26734.2	-0.0
	105	-64290.1	0.0	3108.6	-0.0	0.0	0.0
47	5	72030.1	-2330.3	0.0	-0.0	-0.0	-20040.2
	105	-64290.1	2330.3	-0.0	0.0	0.0	0.0
48	5	72030.1	2292.8	-0.0	0.0	0.0	19717.7
	105	-64290.1	-2292.8	0.0	-0.0	0.0	0.0
49	5	69688.0	0.0	0.0	0.0	0.0	0.0

	105	-61948.0	0.0	0.0	0.0	0.0	0.0
50	5	68126.5	0.0	621.7	-0.0	-5346.8	0.0
	105	-60386.5	-0.0	-621.7	0.0	0.0	0.0
51	5	68126.5	-0.0	-621.7	0.0	5346.8	-0.0
	105	-60386.5	0.0	621.7	-0.0	0.0	0.0
52	5	68126.5	-466.1	0.0	-0.0	-0.0	-4008.0
	105	-60386.5	466.1	-0.0	0.0	0.0	0.0
53	5	68126.5	458.6	-0.0	0.0	0.0	3943.5
	105	-60386.5	-458.6	0.0	-0.0	0.0	0.0
54	5	68126.5	0.0	0.0	0.0	0.0	0.0
	105	-60386.5	0.0	0.0	0.0	0.0	0.0
55	5	68126.5	-42.6	4772.6	-1609.4	-41044.7	-366.1
	105	-60386.5	42.6	-4772.6	1609.4	0.0	0.0
56	5	68126.5	-334.0	4516.5	-952.3	-38841.7	-2872.0
	105	-60386.5	334.0	-4516.5	952.3	0.0	0.0
57	5	68126.5	2862.3	4922.9	-1994.9	-42337.2	24616.0
	105	-60386.5	-2862.3	-4922.9	1994.9	0.0	0.0
58	5	68126.5	2570.9	4666.8	-1337.9	-40134.2	22110.1
	105	-60386.5	-2570.9	-4666.8	1337.9	0.0	0.0
59	5	68126.5	-2570.9	4014.5	1337.9	-34524.3	-22110.1
	105	-60386.5	2570.9	-4014.5	-1337.9	0.0	0.0
60	5	68126.5	-2862.3	3758.3	1994.9	-32321.3	-24616.0
	105	-60386.5	2862.3	-3758.3	-1994.9	0.0	0.0
61	5	68126.5	334.0	4164.7	952.3	-35816.8	2872.0
	105	-60386.5	-334.0	-4164.7	-952.3	0.0	0.0
62	5	68126.5	42.6	3908.6	1609.4	-33613.8	366.1
	105	-60386.5	-42.6	-3908.6	-1609.4	0.0	0.0
63	5	68126.5	-42.6	-3908.6	-1609.4	33613.8	-366.1
	105	-60386.5	42.6	3908.6	1609.4	0.0	0.0
64	5	68126.5	-334.0	-4164.7	-952.3	35816.8	-2872.0
	105	-60386.5	334.0	4164.7	952.3	0.0	0.0
65	5	68126.5	2862.3	-3758.3	-1994.9	32321.3	24616.0
	105	-60386.5	-2862.3	3758.3	1994.9	0.0	0.0
66	5	68126.5	2570.9	-4014.5	-1337.9	34524.3	22110.1
	105	-60386.5	-2570.9	4014.5	1337.9	0.0	0.0
67	5	68126.5	-2570.9	-4666.8	1337.9	40134.2	-22110.1
	105	-60386.5	2570.9	4666.8	-1337.9	0.0	0.0
68	5	68126.5	-2862.3	-4922.9	1994.9	42337.2	-24616.0
	105	-60386.5	2862.3	4922.9	-1994.9	0.0	0.0
69	5	68126.5	334.0	-4516.5	952.3	38841.7	2872.0
	105	-60386.5	-334.0	4516.5	-952.3	0.0	0.0
70	5	68126.5	42.6	-4772.6	1609.4	41044.7	366.1
	105	-60386.5	-42.6	4772.6	-1609.4	0.0	0.0
71	5	68126.5	-3976.6	1592.4	-894.7	-13694.3	-34198.8
	105	-60386.5	3976.6	-1592.4	894.7	0.0	0.0
72	5	68126.5	-4735.1	1364.9	-10.5	-11738.2	-40722.0
	105	-60386.5	4735.1	-1364.9	10.5	0.0	0.0
73	5	68126.5	-3976.6	-1012.0	-894.7	8703.2	-34198.8
	105	-60386.5	3976.6	1012.0	894.7	0.0	0.0
74	5	68126.5	-4735.1	-1239.5	-10.5	10659.4	-40722.0
	105	-60386.5	4735.1	1239.5	10.5	0.0	0.0
75	5	68126.5	-4947.9	738.5	1295.6	-6351.1	-42551.7
	105	-60386.5	4947.9	-738.5	-1295.6	0.0	0.0
76	5	68126.5	-5706.4	511.0	2179.8	-4395.0	-49074.9
	105	-60386.5	5706.4	-511.0	-2179.8	0.0	0.0
77	5	68126.5	-4947.9	-1865.9	1295.6	16046.5	-42551.7
	105	-60386.5	4947.9	1865.9	-1295.6	0.0	0.0
78	5	68126.5	-5706.4	-2093.3	2179.8	18002.6	-49074.9
	105	-60386.5	5706.4	2093.3	-2179.8	0.0	0.0
79	5	68126.5	5706.4	2093.3	-2179.8	-18002.6	49074.9
	105	-60386.5	-5706.4	-2093.3	2179.8	0.0	0.0
80	5	68126.5	4947.9	1865.9	-1295.6	-16046.5	42551.7
	105	-60386.5	-4947.9	-1865.9	1295.6	0.0	0.0
81	5	68126.5	5706.4	-511.0	-2179.8	4395.0	49074.9
	105	-60386.5	-5706.4	511.0	2179.8	0.0	0.0

82	5	68126.5	4947.9	-738.5	-1295.6	6351.1	42551.7
	105	-60386.5	-4947.9	738.5	1295.6	0.0	0.0
83	5	68126.5	4735.1	1239.5	10.5	-10659.3	40722.0
	105	-60386.5	-4735.1	-1239.5	-10.5	0.0	0.0
84	5	68126.5	3976.6	1012.0	894.7	-8703.2	34198.8
	105	-60386.5	-3976.6	-1012.0	-894.7	0.0	0.0
85	5	68126.5	4735.1	-1364.9	10.5	11738.2	40722.0
	105	-60386.5	-4735.1	1364.9	-10.5	0.0	0.0
86	5	68126.5	3976.6	-1592.4	894.7	13694.3	34198.8
	105	-60386.5	-3976.6	1592.4	-894.7	0.0	0.0
1	6	193221.1	0.0	2797.8	-0.0	-24060.8	0.0
	106	-183159.1	-0.0	-2797.8	0.0	0.0	0.0
2	6	193221.1	-0.0	-2797.8	0.0	24060.8	-0.0
	106	-183159.1	0.0	2797.8	-0.0	0.0	0.0
3	6	193221.1	-2097.2	0.0	-0.0	-0.0	-18036.1
	106	-183159.1	2097.2	-0.0	0.0	0.0	0.0
4	6	193221.1	2063.5	-0.0	0.0	0.0	17745.9
	106	-183159.1	-2063.5	0.0	-0.0	0.0	0.0
5	6	181510.3	0.0	4662.9	-0.0	-40101.3	0.0
	106	-171448.3	-0.0	-4662.9	0.0	0.0	0.0
6	6	181510.3	-0.0	-4662.9	0.0	40101.3	-0.0
	106	-171448.3	0.0	4662.9	-0.0	0.0	0.0
7	6	181510.3	-3495.4	0.0	-0.0	-0.0	-30060.2
	106	-171448.3	3495.4	-0.0	0.0	0.0	0.0
8	6	181510.3	3439.1	-0.0	0.0	0.0	29576.5
	106	-171448.3	-3439.1	0.0	-0.0	0.0	0.0
9	6	128513.1	-733.2	4627.7	-1560.5	-39798.2	-6305.9
	106	-120773.1	733.2	-4627.7	1560.5	0.0	0.0
10	6	128513.1	-745.8	4379.3	-923.4	-37662.1	-6413.7
	106	-120773.1	745.8	-4379.3	923.4	0.0	0.0
11	6	128513.1	1913.2	4773.4	-1934.4	-41051.4	16453.2
	106	-120773.1	-1913.2	-4773.4	1934.4	0.0	0.0
12	6	128513.1	1900.6	4525.0	-1297.2	-38915.3	16345.3
	106	-120773.1	-1900.6	-4525.0	1297.2	0.0	0.0
13	6	128513.1	-1900.6	3892.5	1297.2	-33475.8	-16345.4
	106	-120773.1	1900.6	-3892.5	-1297.2	0.0	0.0
14	6	128513.1	-1913.2	3644.2	1934.4	-31339.7	-16453.2
	106	-120773.1	1913.2	-3644.2	-1934.4	0.0	0.0
15	6	128513.1	745.8	4038.3	923.4	-34729.0	6413.7
	106	-120773.1	-745.8	-4038.3	-923.4	0.0	0.0
16	6	128513.1	733.2	3789.9	1560.6	-32592.9	6305.9
	106	-120773.1	-733.2	-3789.9	-1560.6	0.0	0.0
17	6	128513.1	-733.2	-3789.9	-1560.5	32592.9	-6305.9
	106	-120773.1	733.2	3789.9	1560.5	0.0	0.0
18	6	128513.1	-745.8	-4038.3	-923.4	34729.0	-6413.7
	106	-120773.1	745.8	4038.3	923.4	0.0	0.0
19	6	128513.1	1913.2	-3644.2	-1934.4	31339.7	16453.2
	106	-120773.1	-1913.2	3644.2	1934.4	0.0	0.0
20	6	128513.1	1900.6	-3892.5	-1297.2	33475.8	16345.4
	106	-120773.1	-1900.6	3892.5	1297.2	0.0	0.0
21	6	128513.1	-1900.6	-4525.0	1297.2	38915.3	-16345.4
	106	-120773.1	1900.6	4525.0	-1297.2	0.0	0.0
22	6	128513.1	-1913.2	-4773.4	1934.4	41051.4	-16453.2
	106	-120773.1	1913.2	4773.4	-1934.4	0.0	0.0
23	6	128513.1	745.8	-4379.3	923.4	37662.1	6413.7
	106	-120773.1	-745.8	4379.3	-923.4	0.0	0.0
24	6	128513.1	733.2	-4627.7	1560.5	39798.2	6305.9
	106	-120773.1	-733.2	4627.7	-1560.5	0.0	0.0
25	6	128513.1	-4214.7	1544.0	-867.5	-13278.4	-36246.1
	106	-120773.1	4214.7	-1544.0	867.5	0.0	0.0
26	6	128513.1	-4564.9	1323.5	-10.2	-11381.7	-39258.0
	106	-120773.1	4564.9	-1323.5	10.2	0.0	0.0
27	6	128513.1	-4214.7	-981.3	-867.5	8438.9	-36246.1
	106	-120773.1	4214.7	981.3	867.5	0.0	0.0

28	6	128513.1	-4564.9	-1201.8	-10.2	10335.6	-39258.0
	106	-120773.1	4564.9	1201.8	10.2	0.0	0.0
29	6	128513.1	-4256.5	716.1	1256.2	-6158.2	-36605.6
	106	-120773.1	4256.5	-716.1	-1256.2	0.0	0.0
30	6	128513.1	-4606.7	495.5	2113.6	-4261.5	-39617.5
	106	-120773.1	4606.7	-495.5	-2113.6	0.0	0.0
31	6	128513.1	-4256.5	-1809.2	1256.2	15559.1	-36605.6
	106	-120773.1	4256.5	1809.2	-1256.2	0.0	0.0
32	6	128513.1	-4606.7	-2029.7	2113.6	17455.8	-39617.5
	106	-120773.1	4606.7	2029.7	-2113.6	0.0	0.0
33	6	128513.1	4606.7	2029.7	-2113.6	-17455.8	39617.5
	106	-120773.1	-4606.7	-2029.7	2113.6	0.0	0.0
34	6	128513.1	4256.5	1809.2	-1256.2	-15559.1	36605.6
	106	-120773.1	-4256.5	-1809.2	1256.2	0.0	0.0
35	6	128513.1	4606.7	-495.5	-2113.6	4261.5	39617.5
	106	-120773.1	-4606.7	495.5	2113.6	0.0	0.0
36	6	128513.1	4256.5	-716.1	-1256.2	6158.2	36605.6
	106	-120773.1	-4256.5	716.1	1256.2	0.0	0.0
37	6	128513.1	4564.9	1201.8	10.2	-10335.6	39258.0
	106	-120773.1	-4564.9	-1201.8	-10.2	0.0	0.0
38	6	128513.1	4214.7	981.3	867.5	-8438.9	36246.1
	106	-120773.1	-4214.7	-981.3	-867.5	0.0	0.0
39	6	128513.1	4564.9	-1323.5	10.2	11381.7	39258.0
	106	-120773.1	-4564.9	1323.5	-10.2	0.0	0.0
40	6	128513.1	4214.7	-1544.0	867.5	13278.4	36246.1
	106	-120773.1	-4214.7	1544.0	-867.5	0.0	0.0
41	6	144127.5	0.0	1865.2	-0.0	-16040.5	0.0
	106	-136387.5	-0.0	-1865.2	0.0	0.0	0.0
42	6	144127.5	-0.0	-1865.2	0.0	16040.5	-0.0
	106	-136387.5	0.0	1865.2	-0.0	0.0	0.0
43	6	144127.5	-1398.2	0.0	-0.0	-0.0	-12024.1
	106	-136387.5	1398.2	-0.0	0.0	0.0	0.0
44	6	144127.5	1375.7	-0.0	0.0	0.0	11830.6
	106	-136387.5	-1375.7	0.0	-0.0	0.0	0.0
45	6	136320.3	0.0	3108.6	-0.0	-26734.2	0.0
	106	-128580.3	-0.0	-3108.6	0.0	0.0	0.0
46	6	136320.3	-0.0	-3108.6	0.0	26734.2	-0.0
	106	-128580.3	0.0	3108.6	-0.0	0.0	0.0
47	6	136320.3	-2330.3	0.0	-0.0	-0.0	-20040.2
	106	-128580.3	2330.3	-0.0	0.0	0.0	0.0
48	6	136320.3	2292.8	-0.0	0.0	0.0	19717.7
	106	-128580.3	-2292.8	0.0	-0.0	0.0	0.0
49	6	131636.0	0.0	0.0	0.0	0.0	0.0
	106	-123896.0	0.0	0.0	0.0	0.0	0.0
50	6	128513.1	0.0	621.7	-0.0	-5346.8	0.0
	106	-120773.1	-0.0	-621.7	0.0	0.0	0.0
51	6	128513.1	-0.0	-621.7	0.0	5346.8	-0.0
	106	-120773.1	0.0	621.7	-0.0	0.0	0.0
52	6	128513.1	-466.1	0.0	-0.0	-0.0	-4008.0
	106	-120773.1	466.1	-0.0	0.0	0.0	0.0
53	6	128513.1	458.6	-0.0	0.0	0.0	3943.5
	106	-120773.1	-458.6	0.0	-0.0	0.0	0.0
54	6	128513.1	0.0	0.0	0.0	0.0	0.0
	106	-120773.1	0.0	0.0	0.0	0.0	0.0
55	6	128513.1	-756.2	4772.6	-1609.4	-41044.7	-6503.4
	106	-120773.1	756.2	-4772.6	1609.4	0.0	0.0
56	6	128513.1	-769.1	4516.5	-952.3	-38841.7	-6614.6
	106	-120773.1	769.1	-4516.5	952.3	0.0	0.0
57	6	128513.1	1973.1	4922.9	-1994.9	-42337.2	16968.5
	106	-120773.1	-1973.1	-4922.9	1994.9	0.0	0.0
58	6	128513.1	1960.2	4666.8	-1337.9	-40134.2	16857.3
	106	-120773.1	-1960.2	-4666.8	1337.9	0.0	0.0
59	6	128513.1	-1960.2	4014.5	1337.9	-34524.3	-16857.3
	106	-120773.1	1960.2	-4014.5	-1337.9	0.0	0.0
60	6	128513.1	-1973.1	3758.3	1994.9	-32321.3	-16968.6

	106	-120773.1	1973.1	-3758.3	-1994.9	0.0	0.0
61	6	128513.1	769.1	4164.7	952.3	-35816.8	6614.6
	106	-120773.1	-769.1	-4164.7	-952.3	0.0	0.0
62	6	128513.1	756.2	3908.6	1609.4	-33613.8	6503.4
	106	-120773.1	-756.2	-3908.6	-1609.4	0.0	0.0
63	6	128513.1	-756.2	-3908.6	-1609.4	33613.8	-6503.4
	106	-120773.1	756.2	3908.6	1609.4	0.0	0.0
64	6	128513.1	-769.1	-4164.7	-952.3	35816.8	-6614.6
	106	-120773.1	769.1	4164.7	952.3	0.0	0.0
65	6	128513.1	1973.1	-3758.3	-1994.9	32321.3	16968.6
	106	-120773.1	-1973.1	3758.3	1994.9	0.0	0.0
66	6	128513.1	1960.2	-4014.5	-1337.9	34524.3	16857.3
	106	-120773.1	-1960.2	4014.5	1337.9	0.0	0.0
67	6	128513.1	-1960.2	-4666.8	1337.9	40134.2	-16857.3
	106	-120773.1	1960.2	4666.8	-1337.9	0.0	0.0
68	6	128513.1	-1973.1	-4922.9	1994.9	42337.2	-16968.6
	106	-120773.1	1973.1	4922.9	-1994.9	0.0	0.0
69	6	128513.1	769.1	-4516.5	952.3	38841.7	6614.6
	106	-120773.1	-769.1	4516.5	-952.3	0.0	0.0
70	6	128513.1	756.2	-4772.6	1609.4	41044.7	6503.4
	106	-120773.1	-756.2	4772.6	-1609.4	0.0	0.0
71	6	128513.1	-4346.7	1592.4	-894.7	-13694.3	-37381.4
	106	-120773.1	4346.7	-1592.4	894.7	0.0	0.0
72	6	128513.1	-4707.9	1364.9	-10.5	-11738.2	-40487.6
	106	-120773.1	4707.9	-1364.9	10.5	0.0	0.0
73	6	128513.1	-4346.7	-1012.0	-894.7	8703.2	-37381.4
	106	-120773.1	4346.7	1012.0	894.7	0.0	0.0
74	6	128513.1	-4707.9	-1239.5	-10.5	10659.4	-40487.6
	106	-120773.1	4707.9	1239.5	10.5	0.0	0.0
75	6	128513.1	-4389.8	738.5	1295.6	-6351.1	-37752.2
	106	-120773.1	4389.8	-738.5	-1295.6	0.0	0.0
76	6	128513.1	-4751.0	511.0	2179.8	-4395.0	-40858.4
	106	-120773.1	4751.0	-511.0	-2179.8	0.0	0.0
77	6	128513.1	-4389.8	-1865.9	1295.6	16046.5	-37752.2
	106	-120773.1	4389.8	1865.9	-1295.6	0.0	0.0
78	6	128513.1	-4751.0	-2093.3	2179.8	18002.6	-40858.4
	106	-120773.1	4751.0	2093.3	-2179.8	0.0	0.0
79	6	128513.1	4751.0	2093.3	-2179.8	-18002.6	40858.4
	106	-120773.1	-4751.0	-2093.3	2179.8	0.0	0.0
80	6	128513.1	4389.8	1865.9	-1295.6	-16046.5	37752.2
	106	-120773.1	-4389.8	-1865.9	1295.6	0.0	0.0
81	6	128513.1	4751.0	-511.0	-2179.8	4395.0	40858.4
	106	-120773.1	-4751.0	511.0	2179.8	0.0	0.0
82	6	128513.1	4389.8	-738.5	-1295.6	6351.1	37752.2
	106	-120773.1	-4389.8	738.5	1295.6	0.0	0.0
83	6	128513.1	4707.9	1239.5	10.5	-10659.3	40487.6
	106	-120773.1	-4707.9	-1239.5	-10.5	0.0	0.0
84	6	128513.1	4346.7	1012.0	894.7	-8703.2	37381.4
	106	-120773.1	-4346.7	-1012.0	-894.7	0.0	0.0
85	6	128513.1	4707.9	-1364.9	10.5	11738.2	40487.6
	106	-120773.1	-4707.9	1364.9	-10.5	0.0	0.0
86	6	128513.1	4346.7	-1592.4	894.7	13694.3	37381.4
	106	-120773.1	-4346.7	1592.4	-894.7	0.0	0.0
1	7	193221.1	-0.0	2797.8	-0.0	-24060.8	-0.0
	107	-183159.1	0.0	-2797.8	0.0	0.0	0.0
2	7	193221.1	0.0	-2797.8	0.0	24060.8	0.0
	107	-183159.1	-0.0	2797.8	-0.0	0.0	0.0
3	7	193221.1	-2097.2	0.0	-0.0	-0.0	-18036.1
	107	-183159.1	2097.2	-0.0	0.0	0.0	0.0
4	7	193221.1	2063.5	-0.0	0.0	0.0	17745.9
	107	-183159.1	-2063.5	0.0	-0.0	0.0	0.0
5	7	181510.3	-0.0	4662.9	-0.0	-40101.3	-0.0
	107	-171448.3	0.0	-4662.9	0.0	0.0	0.0
6	7	181510.3	0.0	-4662.9	0.0	40101.3	0.0

	107	-171448.3	-0.0	4662.9	-0.0	0.0	0.0
7	7	181510.3	-3495.4	0.0	-0.0	-0.0	-30060.2
	107	-171448.3	3495.4	-0.0	0.0	0.0	0.0
8	7	181510.3	3439.1	-0.0	0.0	0.0	29576.5
	107	-171448.3	-3439.1	0.0	-0.0	0.0	0.0
9	7	128513.1	-2097.8	4627.7	-1560.5	-39798.2	-18040.7
	107	-120773.1	2097.8	-4627.7	1560.5	0.0	0.0
10	7	128513.1	-1870.0	4379.3	-923.4	-37662.1	-16082.3
	107	-120773.1	1870.0	-4379.3	923.4	0.0	0.0
11	7	128513.1	412.9	4773.4	-1934.4	-41051.4	3550.7
	107	-120773.1	-412.9	-4773.4	1934.4	0.0	0.0
12	7	128513.1	640.6	4525.0	-1297.2	-38915.3	5509.1
	107	-120773.1	-640.6	-4525.0	1297.2	0.0	0.0
13	7	128513.1	-640.6	3892.5	1297.2	-33475.8	-5509.1
	107	-120773.1	640.6	-3892.5	-1297.2	0.0	0.0
14	7	128513.1	-412.9	3644.2	1934.4	-31339.7	-3550.7
	107	-120773.1	412.9	-3644.2	-1934.4	0.0	0.0
15	7	128513.1	1870.0	4038.3	923.4	-34729.0	16082.3
	107	-120773.1	-1870.0	-4038.3	-923.4	0.0	0.0
16	7	128513.1	2097.8	3789.9	1560.6	-32592.9	18040.7
	107	-120773.1	-2097.8	-3789.9	-1560.6	0.0	0.0
17	7	128513.1	-2097.8	-3789.9	-1560.5	32592.9	-18040.7
	107	-120773.1	2097.8	3789.9	1560.5	0.0	0.0
18	7	128513.1	-1870.0	-4038.3	-923.4	34729.0	-16082.3
	107	-120773.1	1870.0	4038.3	923.4	0.0	0.0
19	7	128513.1	412.9	-3644.2	-1934.4	31339.7	3550.7
	107	-120773.1	-412.9	3644.2	1934.4	0.0	0.0
20	7	128513.1	640.6	-3892.5	-1297.2	33475.8	5509.0
	107	-120773.1	-640.6	3892.5	1297.2	0.0	0.0
21	7	128513.1	-640.6	-4525.0	1297.2	38915.3	-5509.1
	107	-120773.1	640.6	4525.0	-1297.2	0.0	0.0
22	7	128513.1	-412.9	-4773.4	1934.4	41051.4	-3550.7
	107	-120773.1	412.9	4773.4	-1934.4	0.0	0.0
23	7	128513.1	1870.0	-4379.3	923.4	37662.1	16082.3
	107	-120773.1	-1870.0	4379.3	-923.4	0.0	0.0
24	7	128513.1	2097.8	-4627.7	1560.5	39798.2	18040.7
	107	-120773.1	-2097.8	4627.7	-1560.5	0.0	0.0
25	7	128513.1	-4782.5	1544.0	-867.5	-13278.4	-41129.3
	107	-120773.1	4782.5	-1544.0	867.5	0.0	0.0
26	7	128513.1	-4345.3	1323.5	-10.2	-11381.7	-37369.8
	107	-120773.1	4345.3	-1323.5	10.2	0.0	0.0
27	7	128513.1	-4782.5	-981.3	-867.5	8438.9	-41129.3
	107	-120773.1	4782.5	981.3	867.5	0.0	0.0
28	7	128513.1	-4345.3	-1201.8	-10.2	10335.6	-37369.8
	107	-120773.1	4345.3	1201.8	10.2	0.0	0.0
29	7	128513.1	-4023.4	716.1	1256.2	-6158.2	-34601.4
	107	-120773.1	4023.4	-716.1	-1256.2	0.0	0.0
30	7	128513.1	-3586.3	495.5	2113.6	-4261.5	-30841.9
	107	-120773.1	3586.3	-495.5	-2113.6	0.0	0.0
31	7	128513.1	-4023.4	-1809.2	1256.2	15559.1	-34601.4
	107	-120773.1	4023.4	1809.2	-1256.2	0.0	0.0
32	7	128513.1	-3586.3	-2029.7	2113.6	17455.8	-30841.9
	107	-120773.1	3586.3	2029.7	-2113.6	0.0	0.0
33	7	128513.1	3586.3	2029.7	-2113.6	-17455.8	30841.9
	107	-120773.1	-3586.3	-2029.7	2113.6	0.0	0.0
34	7	128513.1	4023.4	1809.2	-1256.2	-15559.1	34601.4
	107	-120773.1	-4023.4	-1809.2	1256.2	0.0	0.0
35	7	128513.1	3586.3	-495.5	-2113.6	4261.5	30841.9
	107	-120773.1	-3586.3	495.5	2113.6	0.0	0.0
36	7	128513.1	4023.4	-716.1	-1256.2	6158.2	34601.4
	107	-120773.1	-4023.4	716.1	1256.2	0.0	0.0
37	7	128513.1	4345.3	1201.8	10.2	-10335.6	37369.8
	107	-120773.1	-4345.3	-1201.8	-10.2	0.0	0.0
38	7	128513.1	4782.5	981.3	867.5	-8438.9	41129.3
	107	-120773.1	-4782.5	-981.3	-867.5	0.0	0.0

39	7	128513.1	4345.3	-1323.5	10.2	11381.7	37369.8
	107	-120773.1	-4345.3	1323.5	-10.2	0.0	0.0
40	7	128513.1	4782.5	-1544.0	867.5	13278.4	41129.3
	107	-120773.1	-4782.5	1544.0	-867.5	0.0	0.0
41	7	144127.5	-0.0	1865.2	-0.0	-16040.5	-0.0
	107	-136387.5	0.0	-1865.2	0.0	0.0	0.0
42	7	144127.5	0.0	-1865.2	0.0	16040.5	0.0
	107	-136387.5	-0.0	1865.2	-0.0	0.0	0.0
43	7	144127.5	-1398.2	0.0	-0.0	-0.0	-12024.1
	107	-136387.5	1398.2	-0.0	0.0	0.0	0.0
44	7	144127.5	1375.7	-0.0	0.0	0.0	11830.6
	107	-136387.5	-1375.7	0.0	-0.0	0.0	0.0
45	7	136320.3	-0.0	3108.6	-0.0	-26734.2	-0.0
	107	-128580.3	0.0	-3108.6	0.0	0.0	0.0
46	7	136320.3	0.0	-3108.6	0.0	26734.2	0.0
	107	-128580.3	-0.0	3108.6	-0.0	0.0	0.0
47	7	136320.3	-2330.3	0.0	-0.0	-0.0	-20040.2
	107	-128580.3	2330.3	-0.0	0.0	0.0	0.0
48	7	136320.3	2292.8	-0.0	0.0	0.0	19717.7
	107	-128580.3	-2292.8	0.0	-0.0	0.0	0.0
49	7	131636.0	0.0	0.0	0.0	0.0	0.0
	107	-123896.0	0.0	0.0	0.0	0.0	0.0
50	7	128513.1	-0.0	621.7	-0.0	-5346.8	-0.0
	107	-120773.1	0.0	-621.7	0.0	0.0	0.0
51	7	128513.1	0.0	-621.7	0.0	5346.8	0.0
	107	-120773.1	-0.0	621.7	-0.0	0.0	0.0
52	7	128513.1	-466.1	0.0	-0.0	-0.0	-4008.0
	107	-120773.1	466.1	-0.0	0.0	0.0	0.0
53	7	128513.1	458.6	-0.0	0.0	0.0	3943.5
	107	-120773.1	-458.6	0.0	-0.0	0.0	0.0
54	7	128513.1	0.0	0.0	0.0	0.0	0.0
	107	-120773.1	0.0	0.0	0.0	0.0	0.0
55	7	128513.1	-2163.5	4772.6	-1609.4	-41044.7	-18605.8
	107	-120773.1	2163.5	-4772.6	1609.4	0.0	0.0
56	7	128513.1	-1928.6	4516.5	-952.3	-38841.7	-16586.1
	107	-120773.1	1928.6	-4516.5	952.3	0.0	0.0
57	7	128513.1	425.8	4922.9	-1994.9	-42337.2	3661.9
	107	-120773.1	-425.8	-4922.9	1994.9	0.0	0.0
58	7	128513.1	660.7	4666.8	-1337.9	-40134.2	5681.6
	107	-120773.1	-660.7	-4666.8	1337.9	0.0	0.0
59	7	128513.1	-660.7	4014.5	1337.9	-34524.3	-5681.6
	107	-120773.1	660.7	-4014.5	-1337.9	0.0	0.0
60	7	128513.1	-425.8	3758.3	1994.9	-32321.3	-3661.9
	107	-120773.1	425.8	-3758.3	-1994.9	0.0	0.0
61	7	128513.1	1928.6	4164.7	952.3	-35816.8	16586.1
	107	-120773.1	-1928.6	-4164.7	-952.3	0.0	0.0
62	7	128513.1	2163.5	3908.6	1609.4	-33613.8	18605.8
	107	-120773.1	-2163.5	-3908.6	-1609.4	0.0	0.0
63	7	128513.1	-2163.5	-3908.6	-1609.4	33613.8	-18605.8
	107	-120773.1	2163.5	3908.6	1609.4	0.0	0.0
64	7	128513.1	-1928.6	-4164.7	-952.3	35816.8	-16586.1
	107	-120773.1	1928.6	4164.7	952.3	0.0	0.0
65	7	128513.1	425.8	-3758.3	-1994.9	32321.3	3661.9
	107	-120773.1	-425.8	3758.3	1994.9	0.0	0.0
66	7	128513.1	660.7	-4014.5	-1337.9	34524.3	5681.6
	107	-120773.1	-660.7	4014.5	1337.9	0.0	0.0
67	7	128513.1	-660.7	-4666.8	1337.9	40134.2	-5681.6
	107	-120773.1	660.7	4666.8	-1337.9	0.0	0.0
68	7	128513.1	-425.8	-4922.9	1994.9	42337.2	-3661.9
	107	-120773.1	425.8	4922.9	-1994.9	0.0	0.0
69	7	128513.1	1928.6	-4516.5	952.3	38841.7	16586.0
	107	-120773.1	-1928.6	4516.5	-952.3	0.0	0.0
70	7	128513.1	2163.5	-4772.6	1609.4	41044.7	18605.8
	107	-120773.1	-2163.5	4772.6	-1609.4	0.0	0.0
71	7	128513.1	-4932.3	1592.4	-894.7	-13694.3	-42417.6

	107	-120773.1	4932.3	-1592.4	894.7	0.0	0.0
72	7	128513.1	-4481.4	1364.9	-10.5	-11738.2	-38540.3
	107	-120773.1	4481.4	-1364.9	10.5	0.0	0.0
73	7	128513.1	-4932.3	-1012.0	-894.7	8703.2	-42417.6
	107	-120773.1	4932.3	1012.0	894.7	0.0	0.0
74	7	128513.1	-4481.4	-1239.5	-10.5	10659.4	-38540.3
	107	-120773.1	4481.4	1239.5	10.5	0.0	0.0
75	7	128513.1	-4149.4	738.5	1295.6	-6351.1	-35685.2
	107	-120773.1	4149.4	-738.5	-1295.6	0.0	0.0
76	7	128513.1	-3698.6	511.0	2179.8	-4395.0	-31808.0
	107	-120773.1	3698.6	-511.0	-2179.8	0.0	0.0
77	7	128513.1	-4149.4	-1865.9	1295.6	16046.5	-35685.2
	107	-120773.1	4149.4	1865.9	-1295.6	0.0	0.0
78	7	128513.1	-3698.6	-2093.3	2179.8	18002.6	-31808.0
	107	-120773.1	3698.6	2093.3	-2179.8	0.0	0.0
79	7	128513.1	3698.6	2093.3	-2179.8	-18002.6	31808.0
	107	-120773.1	-3698.6	-2093.3	2179.8	0.0	0.0
80	7	128513.1	4149.4	1865.9	-1295.6	-16046.5	35685.2
	107	-120773.1	-4149.4	-1865.9	1295.6	0.0	0.0
81	7	128513.1	3698.6	-511.0	-2179.8	4395.0	31808.0
	107	-120773.1	-3698.6	511.0	2179.8	0.0	0.0
82	7	128513.1	4149.4	-738.5	-1295.6	6351.1	35685.2
	107	-120773.1	-4149.4	738.5	1295.6	0.0	0.0
83	7	128513.1	4481.4	1239.5	10.5	-10659.3	38540.3
	107	-120773.1	-4481.4	-1239.5	-10.5	0.0	0.0
84	7	128513.1	4932.3	1012.0	894.7	-8703.2	42417.6
	107	-120773.1	-4932.3	-1012.0	-894.7	0.0	0.0
85	7	128513.1	4481.4	-1364.9	10.5	11738.2	38540.3
	107	-120773.1	-4481.4	1364.9	-10.5	0.0	0.0
86	7	128513.1	4932.3	-1592.4	894.7	13694.3	42417.6
	107	-120773.1	-4932.3	1592.4	-894.7	0.0	0.0
1	8	101641.6	-0.0	2797.8	-0.0	-24060.8	-0.0
	108	-91579.6	0.0	-2797.8	0.0	0.0	0.0
2	8	101641.6	0.0	-2797.8	0.0	24060.8	0.0
	108	-91579.6	-0.0	2797.8	-0.0	0.0	0.0
3	8	101641.6	-2097.2	0.0	-0.0	-0.0	-18036.1
	108	-91579.6	2097.2	-0.0	0.0	0.0	0.0
4	8	101641.6	2063.5	-0.0	0.0	0.0	17745.9
	108	-91579.6	-2063.5	0.0	-0.0	0.0	0.0
5	8	95786.2	-0.0	4662.9	-0.0	-40101.3	-0.0
	108	-85724.2	0.0	-4662.9	0.0	0.0	0.0
6	8	95786.2	0.0	-4662.9	0.0	40101.3	0.0
	108	-85724.2	-0.0	4662.9	-0.0	0.0	0.0
7	8	95786.2	-3495.4	0.0	-0.0	-0.0	-30060.2
	108	-85724.2	3495.4	-0.0	0.0	0.0	0.0
8	8	95786.2	3439.1	-0.0	0.0	0.0	29576.5
	108	-85724.2	-3439.1	0.0	-0.0	0.0	0.0
9	8	68126.5	-2863.3	4627.7	-1560.5	-39798.2	-24624.5
	108	-60386.5	2863.3	-4627.7	1560.5	0.0	0.0
10	8	68126.5	-2443.5	4379.3	-923.4	-37662.1	-21014.5
	108	-60386.5	2443.5	-4379.3	923.4	0.0	0.0
11	8	68126.5	-436.0	4773.4	-1934.4	-41051.4	-3749.9
	108	-60386.5	436.0	-4773.4	1934.4	0.0	0.0
12	8	68126.5	-16.3	4525.0	-1297.2	-38915.3	-139.8
	108	-60386.5	16.3	-4525.0	1297.2	0.0	0.0
13	8	68126.5	16.3	3892.5	1297.2	-33475.8	139.8
	108	-60386.5	-16.3	-3892.5	-1297.2	0.0	0.0
14	8	68126.5	436.0	3644.2	1934.4	-31339.7	3749.9
	108	-60386.5	-436.0	-3644.2	-1934.4	0.0	0.0
15	8	68126.5	2443.5	4038.3	923.4	-34729.0	21014.5
	108	-60386.5	-2443.5	-4038.3	-923.4	0.0	0.0
16	8	68126.5	2863.3	3789.9	1560.6	-32592.9	24624.5
	108	-60386.5	-2863.3	-3789.9	-1560.6	0.0	0.0
17	8	68126.5	-2863.3	-3789.9	-1560.5	32592.9	-24624.5

	108	-60386.5	2863.3	3789.9	1560.5	0.0	0.0
18	8	68126.5	-2443.5	-4038.3	-923.4	34729.0	-21014.5
	108	-60386.5	2443.5	4038.3	923.4	0.0	0.0
19	8	68126.5	-436.0	-3644.2	-1934.4	31339.7	-3749.9
	108	-60386.5	436.0	3644.2	1934.4	0.0	0.0
20	8	68126.5	-16.3	-3892.5	-1297.2	33475.8	-139.8
	108	-60386.5	16.3	3892.5	1297.2	0.0	0.0
21	8	68126.5	16.3	-4525.0	1297.2	38915.3	139.8
	108	-60386.5	-16.3	4525.0	-1297.2	0.0	0.0
22	8	68126.5	436.0	-4773.4	1934.4	41051.4	3749.8
	108	-60386.5	-436.0	4773.4	-1934.4	0.0	0.0
23	8	68126.5	2443.5	-4379.3	923.4	37662.1	21014.4
	108	-60386.5	-2443.5	4379.3	-923.4	0.0	0.0
24	8	68126.5	2863.3	-4627.7	1560.5	39798.2	24624.5
	108	-60386.5	-2863.3	4627.7	-1560.5	0.0	0.0
25	8	68126.5	-5177.0	1544.0	-867.5	-13278.4	-44522.4
	108	-60386.5	5177.0	-1544.0	867.5	0.0	0.0
26	8	68126.5	-4313.2	1323.5	-10.2	-11381.7	-37093.1
	108	-60386.5	4313.2	-1323.5	10.2	0.0	0.0
27	8	68126.5	-5177.0	-981.3	-867.5	8438.9	-44522.4
	108	-60386.5	5177.0	981.3	867.5	0.0	0.0
28	8	68126.5	-4313.2	-1201.8	-10.2	10335.6	-37093.2
	108	-60386.5	4313.2	1201.8	10.2	0.0	0.0
29	8	68126.5	-3777.8	716.1	1256.2	-6158.2	-32489.0
	108	-60386.5	3777.8	-716.1	-1256.2	0.0	0.0
30	8	68126.5	-2913.9	495.5	2113.6	-4261.5	-25059.7
	108	-60386.5	2913.9	-495.5	-2113.6	0.0	0.0
31	8	68126.5	-3777.8	-1809.2	1256.2	15559.1	-32489.0
	108	-60386.5	3777.8	1809.2	-1256.2	0.0	0.0
32	8	68126.5	-2913.9	-2029.7	2113.6	17455.8	-25059.7
	108	-60386.5	2913.9	2029.7	-2113.6	0.0	0.0
33	8	68126.5	2913.9	2029.7	-2113.6	-17455.8	25059.7
	108	-60386.5	-2913.9	-2029.7	2113.6	0.0	0.0
34	8	68126.5	3777.8	1809.2	-1256.2	-15559.1	32489.0
	108	-60386.5	-3777.8	-1809.2	1256.2	0.0	0.0
35	8	68126.5	2913.9	-495.5	-2113.6	4261.5	25059.7
	108	-60386.5	-2913.9	495.5	2113.6	0.0	0.0
36	8	68126.5	3777.8	-716.1	-1256.2	6158.2	32489.0
	108	-60386.5	-3777.8	716.1	1256.2	0.0	0.0
37	8	68126.5	4313.2	1201.8	10.2	-10335.6	37093.2
	108	-60386.5	-4313.2	-1201.8	-10.2	0.0	0.0
38	8	68126.5	5177.0	981.3	867.5	-8438.9	44522.4
	108	-60386.5	-5177.0	-981.3	-867.5	0.0	0.0
39	8	68126.5	4313.2	-1323.5	10.2	11381.7	37093.1
	108	-60386.5	-4313.2	1323.5	-10.2	0.0	0.0
40	8	68126.5	5177.0	-1544.0	867.5	13278.4	44522.4
	108	-60386.5	-5177.0	1544.0	-867.5	0.0	0.0
41	8	75933.8	-0.0	1865.2	-0.0	-16040.5	-0.0
	108	-68193.8	0.0	-1865.2	0.0	0.0	0.0
42	8	75933.8	0.0	-1865.2	0.0	16040.5	0.0
	108	-68193.8	-0.0	1865.2	-0.0	0.0	0.0
43	8	75933.8	-1398.2	0.0	-0.0	-0.0	-12024.1
	108	-68193.8	1398.2	-0.0	0.0	0.0	0.0
44	8	75933.8	1375.7	-0.0	0.0	0.0	11830.6
	108	-68193.8	-1375.7	0.0	-0.0	0.0	0.0
45	8	72030.1	-0.0	3108.6	-0.0	-26734.2	-0.0
	108	-64290.1	0.0	-3108.6	0.0	0.0	0.0
46	8	72030.1	0.0	-3108.6	0.0	26734.2	0.0
	108	-64290.1	-0.0	3108.6	-0.0	0.0	0.0
47	8	72030.1	-2330.3	0.0	-0.0	-0.0	-20040.2
	108	-64290.1	2330.3	-0.0	0.0	0.0	0.0
48	8	72030.1	2292.8	-0.0	0.0	0.0	19717.7
	108	-64290.1	-2292.8	0.0	-0.0	0.0	0.0
49	8	69688.0	0.0	0.0	0.0	0.0	0.0
	108	-61948.0	0.0	0.0	0.0	0.0	0.0

50	8	68126.5	-0.0	621.7	-0.0	-5346.8	-0.0
	108	-60386.5	0.0	-621.7	0.0	0.0	0.0
51	8	68126.5	0.0	-621.7	0.0	5346.8	0.0
	108	-60386.5	-0.0	621.7	-0.0	0.0	0.0
52	8	68126.5	-466.1	0.0	-0.0	-0.0	-4008.0
	108	-60386.5	466.1	-0.0	0.0	0.0	0.0
53	8	68126.5	458.6	-0.0	0.0	0.0	3943.5
	108	-60386.5	-458.6	0.0	-0.0	0.0	0.0
54	8	68126.5	0.0	0.0	0.0	0.0	0.0
	108	-60386.5	0.0	0.0	0.0	0.0	0.0
55	8	68126.5	-2953.0	4772.6	-1609.4	-41044.7	-25395.8
	108	-60386.5	2953.0	-4772.6	1609.4	0.0	0.0
56	8	68126.5	-2520.1	4516.5	-952.3	-38841.7	-21672.7
	108	-60386.5	2520.1	-4516.5	952.3	0.0	0.0
57	8	68126.5	-449.7	4922.9	-1994.9	-42337.2	-3867.3
	108	-60386.5	449.7	-4922.9	1994.9	0.0	0.0
58	8	68126.5	-16.8	4666.8	-1337.9	-40134.2	-144.2
	108	-60386.5	16.8	-4666.8	1337.9	0.0	0.0
59	8	68126.5	16.8	4014.5	1337.9	-34524.3	144.2
	108	-60386.5	-16.8	-4014.5	-1337.9	0.0	0.0
60	8	68126.5	449.7	3758.3	1994.9	-32321.3	3867.3
	108	-60386.5	-449.7	-3758.3	-1994.9	0.0	0.0
61	8	68126.5	2520.1	4164.7	952.3	-35816.8	21672.7
	108	-60386.5	-2520.1	-4164.7	-952.3	0.0	0.0
62	8	68126.5	2953.0	3908.6	1609.4	-33613.8	25395.8
	108	-60386.5	-2953.0	-3908.6	-1609.4	0.0	0.0
63	8	68126.5	-2953.0	-3908.6	-1609.4	33613.8	-25395.8
	108	-60386.5	2953.0	3908.6	1609.4	0.0	0.0
64	8	68126.5	-2520.1	-4164.7	-952.3	35816.8	-21672.7
	108	-60386.5	2520.1	4164.7	952.3	0.0	0.0
65	8	68126.5	-449.7	-3758.3	-1994.9	32321.3	-3867.3
	108	-60386.5	449.7	3758.3	1994.9	0.0	0.0
66	8	68126.5	-16.8	-4014.5	-1337.9	34524.3	-144.2
	108	-60386.5	16.8	4014.5	1337.9	0.0	0.0
67	8	68126.5	16.8	-4666.8	1337.9	40134.2	144.2
	108	-60386.5	-16.8	4666.8	-1337.9	0.0	0.0
68	8	68126.5	449.7	-4922.9	1994.9	42337.2	3867.3
	108	-60386.5	-449.7	4922.9	-1994.9	0.0	0.0
69	8	68126.5	2520.1	-4516.5	952.3	38841.7	21672.7
	108	-60386.5	-2520.1	4516.5	-952.3	0.0	0.0
70	8	68126.5	2953.0	-4772.6	1609.4	41044.7	25395.8
	108	-60386.5	-2953.0	4772.6	-1609.4	0.0	0.0
71	8	68126.5	-5339.2	1592.4	-894.7	-13694.3	-45917.0
	108	-60386.5	5339.2	-1592.4	894.7	0.0	0.0
72	8	68126.5	-4448.3	1364.9	-10.5	-11738.2	-38255.0
	108	-60386.5	4448.3	-1364.9	10.5	0.0	0.0
73	8	68126.5	-5339.2	-1012.0	-894.7	8703.2	-45917.0
	108	-60386.5	5339.2	1012.0	894.7	0.0	0.0
74	8	68126.5	-4448.3	-1239.5	-10.5	10659.4	-38255.0
	108	-60386.5	4448.3	1239.5	10.5	0.0	0.0
75	8	68126.5	-3896.1	738.5	1295.6	-6351.1	-33506.6
	108	-60386.5	3896.1	-738.5	-1295.6	0.0	0.0
76	8	68126.5	-3005.2	511.0	2179.8	-4395.0	-25844.6
	108	-60386.5	3005.2	-511.0	-2179.8	0.0	0.0
77	8	68126.5	-3896.1	-1865.9	1295.6	16046.5	-33506.6
	108	-60386.5	3896.1	1865.9	-1295.6	0.0	0.0
78	8	68126.5	-3005.2	-2093.3	2179.8	18002.6	-25844.6
	108	-60386.5	3005.2	2093.3	-2179.8	0.0	0.0
79	8	68126.5	3005.2	2093.3	-2179.8	-18002.6	25844.6
	108	-60386.5	-3005.2	-2093.3	2179.8	0.0	0.0
80	8	68126.5	3896.1	1865.9	-1295.6	-16046.5	33506.6
	108	-60386.5	-3896.1	-1865.9	1295.6	0.0	0.0
81	8	68126.5	3005.2	-511.0	-2179.8	4395.0	25844.6
	108	-60386.5	-3005.2	511.0	2179.8	0.0	0.0
82	8	68126.5	3896.1	-738.5	-1295.6	6351.1	33506.6

	108	-60386.5	-3896.1	738.5	1295.6	0.0	0.0
83	8	68126.5	4448.3	1239.5	10.5	-10659.3	38255.0
	108	-60386.5	-4448.3	-1239.5	-10.5	0.0	0.0
84	8	68126.5	5339.2	1012.0	894.7	-8703.2	45917.0
	108	-60386.5	-5339.2	-1012.0	-894.7	0.0	0.0
85	8	68126.5	4448.3	-1364.9	10.5	11738.2	38255.0
	108	-60386.5	-4448.3	1364.9	-10.5	0.0	0.0
86	8	68126.5	5339.2	-1592.4	894.7	13694.3	45917.0
	108	-60386.5	-5339.2	1592.4	-894.7	0.0	0.0
1	9	101641.6	0.0	2797.8	-0.0	-24060.8	0.0
	109	-91579.6	-0.0	-2797.8	0.0	0.0	0.0
2	9	101641.6	-0.0	-2797.8	0.0	24060.8	-0.0
	109	-91579.6	0.0	2797.8	-0.0	0.0	0.0
3	9	101641.6	-2097.2	-0.0	-0.0	0.0	-18036.1
	109	-91579.6	2097.2	0.0	0.0	0.0	0.0
4	9	101641.6	2063.5	0.0	0.0	-0.0	17745.9
	109	-91579.6	-2063.5	-0.0	-0.0	0.0	0.0
5	9	95786.2	0.0	4662.9	-0.0	-40101.3	0.0
	109	-85724.2	-0.0	-4662.9	0.0	0.0	0.0
6	9	95786.2	-0.0	-4662.9	0.0	40101.3	-0.0
	109	-85724.2	0.0	4662.9	-0.0	0.0	0.0
7	9	95786.2	-3495.4	-0.0	-0.0	0.0	-30060.2
	109	-85724.2	3495.4	0.0	0.0	0.0	0.0
8	9	95786.2	3439.1	0.0	0.0	-0.0	29576.5
	109	-85724.2	-3439.1	-0.0	-0.0	0.0	0.0
9	9	68126.5	-41.3	3789.9	-1560.5	-32593.0	-355.0
	109	-60386.5	41.3	-3789.9	1560.5	0.0	0.0
10	9	68126.5	-323.8	4038.3	-923.4	-34729.0	-2784.8
	109	-60386.5	323.8	-4038.3	923.4	0.0	0.0
11	9	68126.5	2775.4	3644.2	-1934.4	-31339.7	23868.4
	109	-60386.5	-2775.4	-3644.2	1934.4	0.0	0.0
12	9	68126.5	2492.9	3892.5	-1297.2	-33475.8	21438.6
	109	-60386.5	-2492.9	-3892.5	1297.2	0.0	0.0
13	9	68126.5	-2492.9	4525.0	1297.2	-38915.3	-21438.6
	109	-60386.5	2492.9	-4525.0	-1297.2	0.0	0.0
14	9	68126.5	-2775.4	4773.4	1934.4	-41051.4	-23868.4
	109	-60386.5	2775.4	-4773.4	-1934.4	0.0	0.0
15	9	68126.5	323.8	4379.3	923.4	-37662.1	2784.8
	109	-60386.5	-323.8	-4379.3	-923.4	0.0	0.0
16	9	68126.5	41.3	4627.7	1560.6	-39798.1	355.0
	109	-60386.5	-41.3	-4627.7	-1560.6	0.0	0.0
17	9	68126.5	-41.3	-4627.7	-1560.5	39798.1	-355.0
	109	-60386.5	41.3	4627.7	1560.5	0.0	0.0
18	9	68126.5	-323.8	-4379.3	-923.4	37662.1	-2784.8
	109	-60386.5	323.8	4379.3	923.4	0.0	0.0
19	9	68126.5	2775.4	-4773.4	-1934.4	41051.4	23868.4
	109	-60386.5	-2775.4	4773.4	1934.4	0.0	0.0
20	9	68126.5	2492.9	-4525.0	-1297.2	38915.3	21438.6
	109	-60386.5	-2492.9	4525.0	1297.2	0.0	0.0
21	9	68126.5	-2492.9	-3892.5	1297.2	33475.8	-21438.6
	109	-60386.5	2492.9	3892.5	-1297.2	0.0	0.0
22	9	68126.5	-2775.4	-3644.2	1934.4	31339.7	-23868.4
	109	-60386.5	2775.4	3644.2	-1934.4	0.0	0.0
23	9	68126.5	323.8	-4038.3	923.4	34729.0	2784.8
	109	-60386.5	-323.8	4038.3	-923.4	0.0	0.0
24	9	68126.5	41.3	-3789.9	1560.5	32593.0	355.0
	109	-60386.5	-41.3	3789.9	-1560.5	0.0	0.0
25	9	68126.5	-3855.8	981.3	-867.5	-8438.9	-33160.1
	109	-60386.5	3855.8	-981.3	867.5	0.0	0.0
26	9	68126.5	-4591.3	1201.8	-10.2	-10335.6	-39485.2
	109	-60386.5	4591.3	-1201.8	10.2	0.0	0.0
27	9	68126.5	-3855.8	-1544.0	-867.5	13278.4	-33160.1
	109	-60386.5	3855.8	1544.0	867.5	0.0	0.0
28	9	68126.5	-4591.3	-1323.5	-10.2	11381.7	-39485.2

	109	-60386.5	4591.3	1323.5	10.2	0.0	0.0
29	9	68126.5	-4797.6	1809.2	1256.2	-15559.1	-41259.4
	109	-60386.5	4797.6	-1809.2	-1256.2	0.0	0.0
30	9	68126.5	-5533.1	2029.8	2113.6	-17455.9	-47584.5
	109	-60386.5	5533.1	-2029.8	-2113.6	0.0	0.0
31	9	68126.5	-4797.6	-716.1	1256.2	6158.2	-41259.4
	109	-60386.5	4797.6	716.1	-1256.2	0.0	0.0
32	9	68126.5	-5533.1	-495.5	2113.6	4261.5	-47584.5
	109	-60386.5	5533.1	495.5	-2113.6	0.0	0.0
33	9	68126.5	5533.1	495.5	-2113.6	-4261.5	47584.5
	109	-60386.5	-5533.1	-495.5	2113.6	0.0	0.0
34	9	68126.5	4797.6	716.1	-1256.2	-6158.2	41259.4
	109	-60386.5	-4797.6	-716.1	1256.2	0.0	0.0
35	9	68126.5	5533.1	-2029.8	-2113.6	17455.9	47584.5
	109	-60386.5	-5533.1	2029.8	2113.6	0.0	0.0
36	9	68126.5	4797.6	-1809.2	-1256.2	15559.2	41259.4
	109	-60386.5	-4797.6	1809.2	1256.2	0.0	0.0
37	9	68126.5	4591.3	1323.5	10.2	-11381.7	39485.2
	109	-60386.5	-4591.3	-1323.5	-10.2	0.0	0.0
38	9	68126.5	3855.8	1544.0	867.5	-13278.4	33160.1
	109	-60386.5	-3855.8	-1544.0	-867.5	0.0	0.0
39	9	68126.5	4591.3	-1201.8	10.2	10335.6	39485.2
	109	-60386.5	-4591.3	1201.8	-10.2	0.0	0.0
40	9	68126.5	3855.8	-981.3	867.5	8438.9	33160.1
	109	-60386.5	-3855.8	981.3	-867.5	0.0	0.0
41	9	75933.8	0.0	1865.2	-0.0	-16040.5	0.0
	109	-68193.8	-0.0	-1865.2	0.0	0.0	0.0
42	9	75933.8	-0.0	-1865.2	0.0	16040.5	-0.0
	109	-68193.8	0.0	1865.2	-0.0	0.0	0.0
43	9	75933.8	-1398.2	-0.0	-0.0	0.0	-12024.1
	109	-68193.8	1398.2	0.0	0.0	0.0	0.0
44	9	75933.8	1375.7	0.0	0.0	-0.0	11830.6
	109	-68193.8	-1375.7	-0.0	-0.0	0.0	0.0
45	9	72030.1	0.0	3108.6	-0.0	-26734.2	0.0
	109	-64290.1	-0.0	-3108.6	0.0	0.0	0.0
46	9	72030.1	-0.0	-3108.6	0.0	26734.2	-0.0
	109	-64290.1	0.0	3108.6	-0.0	0.0	0.0
47	9	72030.1	-2330.3	-0.0	-0.0	0.0	-20040.2
	109	-64290.1	2330.3	0.0	0.0	0.0	0.0
48	9	72030.1	2292.8	0.0	0.0	-0.0	19717.7
	109	-64290.1	-2292.8	-0.0	-0.0	0.0	0.0
49	9	69688.0	0.0	0.0	0.0	0.0	0.0
	109	-61948.0	0.0	0.0	0.0	0.0	0.0
50	9	68126.5	0.0	621.7	-0.0	-5346.8	0.0
	109	-60386.5	-0.0	-621.7	0.0	0.0	0.0
51	9	68126.5	-0.0	-621.7	0.0	5346.8	-0.0
	109	-60386.5	0.0	621.7	-0.0	0.0	0.0
52	9	68126.5	-466.1	-0.0	-0.0	0.0	-4008.0
	109	-60386.5	466.1	0.0	0.0	0.0	0.0
53	9	68126.5	458.6	0.0	0.0	-0.0	3943.5
	109	-60386.5	-458.6	-0.0	-0.0	0.0	0.0
54	9	68126.5	0.0	0.0	0.0	0.0	0.0
	109	-60386.5	0.0	0.0	0.0	0.0	0.0
55	9	68126.5	-42.6	3908.6	-1609.4	-33613.8	-366.1
	109	-60386.5	42.6	-3908.6	1609.4	0.0	0.0
56	9	68126.5	-334.0	4164.7	-952.3	-35816.8	-2872.0
	109	-60386.5	334.0	-4164.7	952.3	0.0	0.0
57	9	68126.5	2862.3	3758.3	-1994.9	-32321.3	24616.0
	109	-60386.5	-2862.3	-3758.3	1994.9	0.0	0.0
58	9	68126.5	2570.9	4014.5	-1337.9	-34524.3	22110.1
	109	-60386.5	-2570.9	-4014.5	1337.9	0.0	0.0
59	9	68126.5	-2570.9	4666.8	1337.9	-40134.2	-22110.1
	109	-60386.5	2570.9	-4666.8	-1337.9	0.0	0.0
60	9	68126.5	-2862.3	4922.9	1994.9	-42337.2	-24616.0
	109	-60386.5	2862.3	-4922.9	-1994.9	0.0	0.0

61	9	68126.5	334.0	4516.5	952.3	-38841.7	2872.0
	109	-60386.5	-334.0	-4516.5	-952.3	0.0	0.0
62	9	68126.5	42.6	4772.6	1609.4	-41044.7	366.1
	109	-60386.5	-42.6	-4772.6	-1609.4	0.0	0.0
63	9	68126.5	-42.6	-4772.6	-1609.4	41044.7	-366.1
	109	-60386.5	42.6	4772.6	1609.4	0.0	0.0
64	9	68126.5	-334.0	-4516.5	-952.3	38841.7	-2872.0
	109	-60386.5	334.0	4516.5	952.3	0.0	0.0
65	9	68126.5	2862.3	-4922.9	-1994.9	42337.2	24616.0
	109	-60386.5	-2862.3	4922.9	1994.9	0.0	0.0
66	9	68126.5	2570.9	-4666.8	-1337.9	40134.2	22110.1
	109	-60386.5	-2570.9	4666.8	1337.9	0.0	0.0
67	9	68126.5	-2570.9	-4014.5	1337.9	34524.3	-22110.1
	109	-60386.5	2570.9	4014.5	-1337.9	0.0	0.0
68	9	68126.5	-2862.3	-3758.3	1994.9	32321.3	-24616.0
	109	-60386.5	2862.3	3758.3	-1994.9	0.0	0.0
69	9	68126.5	334.0	-4164.7	952.3	35816.8	2872.0
	109	-60386.5	-334.0	4164.7	-952.3	0.0	0.0
70	9	68126.5	42.6	-3908.6	1609.4	33613.8	366.1
	109	-60386.5	-42.6	3908.6	-1609.4	0.0	0.0
71	9	68126.5	-3976.6	1012.0	-894.7	-8703.3	-34198.8
	109	-60386.5	3976.6	-1012.0	894.7	0.0	0.0
72	9	68126.5	-4735.1	1239.5	-10.5	-10659.4	-40722.0
	109	-60386.5	4735.1	-1239.5	10.5	0.0	0.0
73	9	68126.5	-3976.6	-1592.4	-894.7	13694.3	-34198.8
	109	-60386.5	3976.6	1592.4	894.7	0.0	0.0
74	9	68126.5	-4735.1	-1364.9	-10.5	11738.2	-40722.0
	109	-60386.5	4735.1	1364.9	10.5	0.0	0.0
75	9	68126.5	-4947.9	1865.9	1295.6	-16046.5	-42551.7
	109	-60386.5	4947.9	-1865.9	-1295.6	0.0	0.0
76	9	68126.5	-5706.4	2093.3	2179.8	-18002.6	-49074.9
	109	-60386.5	5706.4	-2093.3	-2179.8	0.0	0.0
77	9	68126.5	-4947.9	-738.5	1295.6	6351.1	-42551.7
	109	-60386.5	4947.9	738.5	-1295.6	0.0	0.0
78	9	68126.5	-5706.4	-511.0	2179.8	4395.0	-49074.9
	109	-60386.5	5706.4	511.0	-2179.8	0.0	0.0
79	9	68126.5	5706.4	511.0	-2179.8	-4394.9	49074.9
	109	-60386.5	-5706.4	-511.0	2179.8	0.0	0.0
80	9	68126.5	4947.9	738.5	-1295.6	-6351.1	42551.7
	109	-60386.5	-4947.9	-738.5	1295.6	0.0	0.0
81	9	68126.5	5706.4	-2093.3	-2179.8	18002.6	49074.9
	109	-60386.5	-5706.4	2093.3	2179.8	0.0	0.0
82	9	68126.5	4947.9	-1865.9	-1295.6	16046.5	42551.7
	109	-60386.5	-4947.9	1865.9	1295.6	0.0	0.0
83	9	68126.5	4735.1	1364.9	10.5	-11738.2	40722.0
	109	-60386.5	-4735.1	-1364.9	-10.5	0.0	0.0
84	9	68126.5	3976.6	1592.4	894.7	-13694.3	34198.8
	109	-60386.5	-3976.6	-1592.4	-894.7	0.0	0.0
85	9	68126.5	4735.1	-1239.5	10.5	10659.4	40722.0
	109	-60386.5	-4735.1	1239.5	-10.5	0.0	0.0
86	9	68126.5	3976.6	-1012.0	894.7	8703.3	34198.8
	109	-60386.5	-3976.6	1012.0	-894.7	0.0	0.0
1	10	193221.1	0.0	2797.8	-0.0	-24060.8	0.0
	110	-183159.1	-0.0	-2797.8	0.0	0.0	0.0
2	10	193221.1	-0.0	-2797.8	0.0	24060.8	-0.0
	110	-183159.1	0.0	2797.8	-0.0	0.0	0.0
3	10	193221.1	-2097.2	-0.0	-0.0	0.0	-18036.1
	110	-183159.1	2097.2	0.0	0.0	0.0	0.0
4	10	193221.1	2063.5	0.0	0.0	-0.0	17745.9
	110	-183159.1	-2063.5	-0.0	-0.0	0.0	0.0
5	10	181510.3	0.0	4662.9	-0.0	-40101.3	0.0
	110	-171448.3	-0.0	-4662.9	0.0	0.0	0.0
6	10	181510.3	-0.0	-4662.9	0.0	40101.3	-0.0
	110	-171448.3	0.0	4662.9	-0.0	0.0	0.0

7	10	181510.3	-3495.4	-0.0	-0.0	0.0	-30060.2
	110	-171448.3	3495.4	0.0	0.0	0.0	0.0
8	10	181510.3	3439.1	0.0	0.0	-0.0	29576.5
	110	-171448.3	-3439.1	-0.0	-0.0	0.0	0.0
9	10	128513.1	-733.2	3789.9	-1560.5	-32593.0	-6305.9
	110	-120773.1	733.2	-3789.9	1560.5	0.0	0.0
10	10	128513.1	-745.8	4038.3	-923.4	-34729.0	-6413.7
	110	-120773.1	745.8	-4038.3	923.4	0.0	0.0
11	10	128513.1	1913.2	3644.2	-1934.4	-31339.7	16453.2
	110	-120773.1	-1913.2	-3644.2	1934.4	0.0	0.0
12	10	128513.1	1900.6	3892.5	-1297.2	-33475.8	16345.3
	110	-120773.1	-1900.6	-3892.5	1297.2	0.0	0.0
13	10	128513.1	-1900.6	4525.0	1297.2	-38915.3	-16345.4
	110	-120773.1	1900.6	-4525.0	-1297.2	0.0	0.0
14	10	128513.1	-1913.2	4773.4	1934.4	-41051.4	-16453.2
	110	-120773.1	1913.2	-4773.4	-1934.4	0.0	0.0
15	10	128513.1	745.8	4379.3	923.4	-37662.1	6413.7
	110	-120773.1	-745.8	-4379.3	-923.4	0.0	0.0
16	10	128513.1	733.2	4627.7	1560.6	-39798.1	6305.9
	110	-120773.1	-733.2	-4627.7	-1560.6	0.0	0.0
17	10	128513.1	-733.2	-4627.7	-1560.5	39798.1	-6305.9
	110	-120773.1	733.2	4627.7	1560.5	0.0	0.0
18	10	128513.1	-745.8	-4379.3	-923.4	37662.1	-6413.7
	110	-120773.1	745.8	4379.3	923.4	0.0	0.0
19	10	128513.1	1913.2	-4773.4	-1934.4	41051.4	16453.2
	110	-120773.1	-1913.2	4773.4	1934.4	0.0	0.0
20	10	128513.1	1900.6	-4525.0	-1297.2	38915.3	16345.4
	110	-120773.1	-1900.6	4525.0	1297.2	0.0	0.0
21	10	128513.1	-1900.6	-3892.5	1297.2	33475.8	-16345.4
	110	-120773.1	1900.6	3892.5	-1297.2	0.0	0.0
22	10	128513.1	-1913.2	-3644.2	1934.4	31339.7	-16453.2
	110	-120773.1	1913.2	3644.2	-1934.4	0.0	0.0
23	10	128513.1	745.8	-4038.3	923.4	34729.0	6413.7
	110	-120773.1	-745.8	4038.3	-923.4	0.0	0.0
24	10	128513.1	733.2	-3789.9	1560.5	32593.0	6305.9
	110	-120773.1	-733.2	3789.9	-1560.5	0.0	0.0
25	10	128513.1	-4214.7	981.3	-867.5	-8438.9	-36246.1
	110	-120773.1	4214.7	-981.3	867.5	0.0	0.0
26	10	128513.1	-4564.9	1201.8	-10.2	-10335.6	-39258.0
	110	-120773.1	4564.9	-1201.8	10.2	0.0	0.0
27	10	128513.1	-4214.7	-1544.0	-867.5	13278.4	-36246.1
	110	-120773.1	4214.7	1544.0	867.5	0.0	0.0
28	10	128513.1	-4564.9	-1323.5	-10.2	11381.7	-39258.0
	110	-120773.1	4564.9	1323.5	10.2	0.0	0.0
29	10	128513.1	-4256.5	1809.2	1256.2	-15559.1	-36605.6
	110	-120773.1	4256.5	-1809.2	-1256.2	0.0	0.0
30	10	128513.1	-4606.7	2029.8	2113.6	-17455.9	-39617.5
	110	-120773.1	4606.7	-2029.8	-2113.6	0.0	0.0
31	10	128513.1	-4256.5	-716.1	1256.2	6158.2	-36605.6
	110	-120773.1	4256.5	716.1	-1256.2	0.0	0.0
32	10	128513.1	-4606.7	-495.5	2113.6	4261.5	-39617.5
	110	-120773.1	4606.7	495.5	-2113.6	0.0	0.0
33	10	128513.1	4606.7	495.5	-2113.6	-4261.5	39617.5
	110	-120773.1	-4606.7	-495.5	2113.6	0.0	0.0
34	10	128513.1	4256.5	716.1	-1256.2	-6158.2	36605.6
	110	-120773.1	-4256.5	-716.1	1256.2	0.0	0.0
35	10	128513.1	4606.7	-2029.8	-2113.6	17455.9	39617.5
	110	-120773.1	-4606.7	2029.8	2113.6	0.0	0.0
36	10	128513.1	4256.5	-1809.2	-1256.2	15559.2	36605.6
	110	-120773.1	-4256.5	1809.2	1256.2	0.0	0.0
37	10	128513.1	4564.9	1323.5	10.2	-11381.7	39258.0
	110	-120773.1	-4564.9	-1323.5	-10.2	0.0	0.0
38	10	128513.1	4214.7	1544.0	867.5	-13278.4	36246.1
	110	-120773.1	-4214.7	-1544.0	-867.5	0.0	0.0
39	10	128513.1	4564.9	-1201.8	10.2	10335.6	39258.0

	110	-120773.1	-4564.9	1201.8	-10.2	0.0	0.0
40	10	128513.1	4214.7	-981.3	867.5	8438.9	36246.1
	110	-120773.1	-4214.7	981.3	-867.5	0.0	0.0
41	10	144127.5	0.0	1865.2	-0.0	-16040.5	0.0
	110	-136387.5	-0.0	-1865.2	0.0	0.0	0.0
42	10	144127.5	-0.0	-1865.2	0.0	16040.5	-0.0
	110	-136387.5	0.0	1865.2	-0.0	0.0	0.0
43	10	144127.5	-1398.2	-0.0	-0.0	0.0	-12024.1
	110	-136387.5	1398.2	0.0	0.0	0.0	0.0
44	10	144127.5	1375.7	0.0	0.0	-0.0	11830.6
	110	-136387.5	-1375.7	-0.0	-0.0	0.0	0.0
45	10	136320.3	0.0	3108.6	-0.0	-26734.2	0.0
	110	-128580.3	-0.0	-3108.6	0.0	0.0	0.0
46	10	136320.3	-0.0	-3108.6	0.0	26734.2	-0.0
	110	-128580.3	0.0	3108.6	-0.0	0.0	0.0
47	10	136320.3	-2330.3	-0.0	-0.0	0.0	-20040.2
	110	-128580.3	2330.3	0.0	0.0	0.0	0.0
48	10	136320.3	2292.8	0.0	0.0	-0.0	19717.7
	110	-128580.3	-2292.8	-0.0	-0.0	0.0	0.0
49	10	131636.0	0.0	0.0	0.0	0.0	0.0
	110	-123896.0	0.0	0.0	0.0	0.0	0.0
50	10	128513.1	0.0	621.7	-0.0	-5346.8	0.0
	110	-120773.1	-0.0	-621.7	0.0	0.0	0.0
51	10	128513.1	-0.0	-621.7	0.0	5346.8	-0.0
	110	-120773.1	0.0	621.7	-0.0	0.0	0.0
52	10	128513.1	-466.1	-0.0	-0.0	0.0	-4008.0
	110	-120773.1	466.1	0.0	0.0	0.0	0.0
53	10	128513.1	458.6	0.0	0.0	-0.0	3943.5
	110	-120773.1	-458.6	-0.0	-0.0	0.0	0.0
54	10	128513.1	0.0	0.0	0.0	0.0	0.0
	110	-120773.1	0.0	0.0	0.0	0.0	0.0
55	10	128513.1	-756.2	3908.6	-1609.4	-33613.8	-6503.4
	110	-120773.1	756.2	-3908.6	1609.4	0.0	0.0
56	10	128513.1	-769.1	4164.7	-952.3	-35816.8	-6614.6
	110	-120773.1	769.1	-4164.7	952.3	0.0	0.0
57	10	128513.1	1973.1	3758.3	-1994.9	-32321.3	16968.5
	110	-120773.1	-1973.1	-3758.3	1994.9	0.0	0.0
58	10	128513.1	1960.2	4014.5	-1337.9	-34524.3	16857.3
	110	-120773.1	-1960.2	-4014.5	1337.9	0.0	0.0
59	10	128513.1	-1960.2	4666.8	1337.9	-40134.2	-16857.3
	110	-120773.1	1960.2	-4666.8	-1337.9	0.0	0.0
60	10	128513.1	-1973.1	4922.9	1994.9	-42337.2	-16968.6
	110	-120773.1	1973.1	-4922.9	-1994.9	0.0	0.0
61	10	128513.1	769.1	4516.5	952.3	-38841.7	6614.6
	110	-120773.1	-769.1	-4516.5	-952.3	0.0	0.0
62	10	128513.1	756.2	4772.6	1609.4	-41044.7	6503.4
	110	-120773.1	-756.2	-4772.6	-1609.4	0.0	0.0
63	10	128513.1	-756.2	-4772.6	-1609.4	41044.7	-6503.4
	110	-120773.1	756.2	4772.6	1609.4	0.0	0.0
64	10	128513.1	-769.1	-4516.5	-952.3	38841.7	-6614.6
	110	-120773.1	769.1	4516.5	952.3	0.0	0.0
65	10	128513.1	1973.1	-4922.9	-1994.9	42337.2	16968.6
	110	-120773.1	-1973.1	4922.9	1994.9	0.0	0.0
66	10	128513.1	1960.2	-4666.8	-1337.9	40134.2	16857.3
	110	-120773.1	-1960.2	4666.8	1337.9	0.0	0.0
67	10	128513.1	-1960.2	-4014.5	1337.9	34524.3	-16857.3
	110	-120773.1	1960.2	4014.5	-1337.9	0.0	0.0
68	10	128513.1	-1973.1	-3758.3	1994.9	32321.3	-16968.6
	110	-120773.1	1973.1	3758.3	-1994.9	0.0	0.0
69	10	128513.1	769.1	-4164.7	952.3	35816.8	6614.6
	110	-120773.1	-769.1	4164.7	-952.3	0.0	0.0
70	10	128513.1	756.2	-3908.6	1609.4	33613.8	6503.4
	110	-120773.1	-756.2	3908.6	-1609.4	0.0	0.0
71	10	128513.1	-4346.7	1012.0	-894.7	-8703.3	-37381.4
	110	-120773.1	4346.7	-1012.0	894.7	0.0	0.0

72	10	128513.1	-4707.9	1239.5	-10.5	-10659.4	-40487.6
	110	-120773.1	4707.9	-1239.5	10.5	0.0	0.0
73	10	128513.1	-4346.7	-1592.4	-894.7	13694.3	-37381.4
	110	-120773.1	4346.7	1592.4	894.7	0.0	0.0
74	10	128513.1	-4707.9	-1364.9	-10.5	11738.2	-40487.6
	110	-120773.1	4707.9	1364.9	10.5	0.0	0.0
75	10	128513.1	-4389.8	1865.9	1295.6	-16046.5	-37752.2
	110	-120773.1	4389.8	-1865.9	-1295.6	0.0	0.0
76	10	128513.1	-4751.0	2093.3	2179.8	-18002.6	-40858.4
	110	-120773.1	4751.0	-2093.3	-2179.8	0.0	0.0
77	10	128513.1	-4389.8	-738.5	1295.6	6351.1	-37752.2
	110	-120773.1	4389.8	738.5	-1295.6	0.0	0.0
78	10	128513.1	-4751.0	-511.0	2179.8	4395.0	-40858.4
	110	-120773.1	4751.0	511.0	-2179.8	0.0	0.0
79	10	128513.1	4751.0	511.0	-2179.8	-4394.9	40858.4
	110	-120773.1	-4751.0	-511.0	2179.8	0.0	0.0
80	10	128513.1	4389.8	738.5	-1295.6	-6351.1	37752.2
	110	-120773.1	-4389.8	-738.5	1295.6	0.0	0.0
81	10	128513.1	4751.0	-2093.3	-2179.8	18002.6	40858.4
	110	-120773.1	-4751.0	2093.3	2179.8	0.0	0.0
82	10	128513.1	4389.8	-1865.9	-1295.6	16046.5	37752.2
	110	-120773.1	-4389.8	1865.9	1295.6	0.0	0.0
83	10	128513.1	4707.9	1364.9	10.5	-11738.2	40487.6
	110	-120773.1	-4707.9	-1364.9	-10.5	0.0	0.0
84	10	128513.1	4346.7	1592.4	894.7	-13694.3	37381.4
	110	-120773.1	-4346.7	-1592.4	-894.7	0.0	0.0
85	10	128513.1	4707.9	-1239.5	10.5	10659.4	40487.6
	110	-120773.1	-4707.9	1239.5	-10.5	0.0	0.0
86	10	128513.1	4346.7	-1012.0	894.7	8703.3	37381.4
	110	-120773.1	-4346.7	1012.0	-894.7	0.0	0.0
1	11	193221.1	-0.0	2797.8	-0.0	-24060.8	-0.0
	111	-183159.1	0.0	-2797.8	0.0	0.0	0.0
2	11	193221.1	0.0	-2797.8	0.0	24060.8	0.0
	111	-183159.1	-0.0	2797.8	-0.0	0.0	0.0
3	11	193221.1	-2097.2	-0.0	-0.0	0.0	-18036.1
	111	-183159.1	2097.2	0.0	0.0	0.0	0.0
4	11	193221.1	2063.5	0.0	0.0	-0.0	17745.9
	111	-183159.1	-2063.5	-0.0	-0.0	0.0	0.0
5	11	181510.3	-0.0	4662.9	-0.0	-40101.3	-0.0
	111	-171448.3	0.0	-4662.9	0.0	0.0	0.0
6	11	181510.3	0.0	-4662.9	0.0	40101.3	0.0
	111	-171448.3	-0.0	4662.9	-0.0	0.0	0.0
7	11	181510.3	-3495.4	-0.0	-0.0	0.0	-30060.2
	111	-171448.3	3495.4	0.0	0.0	0.0	0.0
8	11	181510.3	3439.1	0.0	0.0	-0.0	29576.5
	111	-171448.3	-3439.1	-0.0	-0.0	0.0	0.0
9	11	128513.1	-2097.8	3789.9	-1560.5	-32593.0	-18040.7
	111	-120773.1	2097.8	-3789.9	1560.5	0.0	0.0
10	11	128513.1	-1870.0	4038.3	-923.4	-34729.0	-16082.3
	111	-120773.1	1870.0	-4038.3	923.4	0.0	0.0
11	11	128513.1	412.9	3644.2	-1934.4	-31339.7	3550.7
	111	-120773.1	-412.9	-3644.2	1934.4	0.0	0.0
12	11	128513.1	640.6	3892.5	-1297.2	-33475.8	5509.1
	111	-120773.1	-640.6	-3892.5	1297.2	0.0	0.0
13	11	128513.1	-640.6	4525.0	1297.2	-38915.3	-5509.1
	111	-120773.1	640.6	-4525.0	-1297.2	0.0	0.0
14	11	128513.1	-412.9	4773.4	1934.4	-41051.4	-3550.7
	111	-120773.1	412.9	-4773.4	-1934.4	0.0	0.0
15	11	128513.1	1870.0	4379.3	923.4	-37662.1	16082.3
	111	-120773.1	-1870.0	-4379.3	-923.4	0.0	0.0
16	11	128513.1	2097.8	4627.7	1560.6	-39798.1	18040.7
	111	-120773.1	-2097.8	-4627.7	-1560.6	0.0	0.0
17	11	128513.1	-2097.8	-4627.7	-1560.5	39798.1	-18040.7
	111	-120773.1	2097.8	4627.7	1560.5	0.0	0.0

18	11	128513.1	-1870.0	-4379.3	-923.4	37662.1	-16082.3
	111	-120773.1	1870.0	4379.3	923.4	0.0	0.0
19	11	128513.1	412.9	-4773.4	-1934.4	41051.4	3550.7
	111	-120773.1	-412.9	4773.4	1934.4	0.0	0.0
20	11	128513.1	640.6	-4525.0	-1297.2	38915.3	5509.0
	111	-120773.1	-640.6	4525.0	1297.2	0.0	0.0
21	11	128513.1	-640.6	-3892.5	1297.2	33475.8	-5509.1
	111	-120773.1	640.6	3892.5	-1297.2	0.0	0.0
22	11	128513.1	-412.9	-3644.2	1934.4	31339.7	-3550.7
	111	-120773.1	412.9	3644.2	-1934.4	0.0	0.0
23	11	128513.1	1870.0	-4038.3	923.4	34729.0	16082.3
	111	-120773.1	-1870.0	4038.3	-923.4	0.0	0.0
24	11	128513.1	2097.8	-3789.9	1560.5	32593.0	18040.7
	111	-120773.1	-2097.8	3789.9	-1560.5	0.0	0.0
25	11	128513.1	-4782.5	981.3	-867.5	-8438.9	-41129.3
	111	-120773.1	4782.5	-981.3	867.5	0.0	0.0
26	11	128513.1	-4345.3	1201.8	-10.2	-10335.6	-37369.8
	111	-120773.1	4345.3	-1201.8	10.2	0.0	0.0
27	11	128513.1	-4782.5	-1544.0	-867.5	13278.4	-41129.3
	111	-120773.1	4782.5	1544.0	867.5	0.0	0.0
28	11	128513.1	-4345.3	-1323.5	-10.2	11381.7	-37369.8
	111	-120773.1	4345.3	1323.5	10.2	0.0	0.0
29	11	128513.1	-4023.4	1809.2	1256.2	-15559.1	-34601.4
	111	-120773.1	4023.4	-1809.2	-1256.2	0.0	0.0
30	11	128513.1	-3586.3	2029.8	2113.6	-17455.9	-30841.9
	111	-120773.1	3586.3	-2029.8	-2113.6	0.0	0.0
31	11	128513.1	-4023.4	-716.1	1256.2	6158.2	-34601.4
	111	-120773.1	4023.4	716.1	-1256.2	0.0	0.0
32	11	128513.1	-3586.3	-495.5	2113.6	4261.5	-30841.9
	111	-120773.1	3586.3	495.5	-2113.6	0.0	0.0
33	11	128513.1	3586.3	495.5	-2113.6	-4261.5	30841.9
	111	-120773.1	-3586.3	-495.5	2113.6	0.0	0.0
34	11	128513.1	4023.4	716.1	-1256.2	-6158.2	34601.4
	111	-120773.1	-4023.4	-716.1	1256.2	0.0	0.0
35	11	128513.1	3586.3	-2029.8	-2113.6	17455.9	30841.9
	111	-120773.1	-3586.3	2029.8	2113.6	0.0	0.0
36	11	128513.1	4023.4	-1809.2	-1256.2	15559.2	34601.4
	111	-120773.1	-4023.4	1809.2	1256.2	0.0	0.0
37	11	128513.1	4345.3	1323.5	10.2	-11381.7	37369.8
	111	-120773.1	-4345.3	-1323.5	-10.2	0.0	0.0
38	11	128513.1	4782.5	1544.0	867.5	-13278.4	41129.3
	111	-120773.1	-4782.5	-1544.0	-867.5	0.0	0.0
39	11	128513.1	4345.3	-1201.8	10.2	10335.6	37369.8
	111	-120773.1	-4345.3	1201.8	-10.2	0.0	0.0
40	11	128513.1	4782.5	-981.3	867.5	8438.9	41129.3
	111	-120773.1	-4782.5	981.3	-867.5	0.0	0.0
41	11	144127.5	-0.0	1865.2	-0.0	-16040.5	-0.0
	111	-136387.5	0.0	-1865.2	0.0	0.0	0.0
42	11	144127.5	0.0	-1865.2	0.0	16040.5	0.0
	111	-136387.5	-0.0	1865.2	-0.0	0.0	0.0
43	11	144127.5	-1398.2	-0.0	-0.0	0.0	-12024.1
	111	-136387.5	1398.2	0.0	0.0	0.0	0.0
44	11	144127.5	1375.7	0.0	0.0	-0.0	11830.6
	111	-136387.5	-1375.7	-0.0	-0.0	0.0	0.0
45	11	136320.3	-0.0	3108.6	-0.0	-26734.2	-0.0
	111	-128580.3	0.0	-3108.6	0.0	0.0	0.0
46	11	136320.3	0.0	-3108.6	0.0	26734.2	0.0
	111	-128580.3	-0.0	3108.6	-0.0	0.0	0.0
47	11	136320.3	-2330.3	-0.0	-0.0	0.0	-20040.2
	111	-128580.3	2330.3	0.0	0.0	0.0	0.0
48	11	136320.3	2292.8	0.0	0.0	-0.0	19717.7
	111	-128580.3	-2292.8	-0.0	-0.0	0.0	0.0
49	11	131636.0	0.0	0.0	0.0	0.0	0.0
	111	-123896.0	0.0	0.0	0.0	0.0	0.0
50	11	128513.1	-0.0	621.7	-0.0	-5346.8	-0.0

	111	-120773.1	0.0	-621.7	0.0	0.0	0.0
51	11	128513.1	0.0	-621.7	0.0	5346.8	0.0
	111	-120773.1	-0.0	621.7	-0.0	0.0	0.0
52	11	128513.1	-466.1	-0.0	-0.0	0.0	-4008.0
	111	-120773.1	466.1	0.0	0.0	0.0	0.0
53	11	128513.1	458.6	0.0	0.0	-0.0	3943.5
	111	-120773.1	-458.6	-0.0	-0.0	0.0	0.0
54	11	128513.1	0.0	0.0	0.0	0.0	0.0
	111	-120773.1	0.0	0.0	0.0	0.0	0.0
55	11	128513.1	-2163.5	3908.6	-1609.4	-33613.8	-18605.8
	111	-120773.1	2163.5	-3908.6	1609.4	0.0	0.0
56	11	128513.1	-1928.6	4164.7	-952.3	-35816.8	-16586.1
	111	-120773.1	1928.6	-4164.7	952.3	0.0	0.0
57	11	128513.1	425.8	3758.3	-1994.9	-32321.3	3661.9
	111	-120773.1	-425.8	-3758.3	1994.9	0.0	0.0
58	11	128513.1	660.7	4014.5	-1337.9	-34524.3	5681.6
	111	-120773.1	-660.7	-4014.5	1337.9	0.0	0.0
59	11	128513.1	-660.7	4666.8	1337.9	-40134.2	-5681.6
	111	-120773.1	660.7	-4666.8	-1337.9	0.0	0.0
60	11	128513.1	-425.8	4922.9	1994.9	-42337.2	-3661.9
	111	-120773.1	425.8	-4922.9	-1994.9	0.0	0.0
61	11	128513.1	1928.6	4516.5	952.3	-38841.7	16586.1
	111	-120773.1	-1928.6	-4516.5	-952.3	0.0	0.0
62	11	128513.1	2163.5	4772.6	1609.4	-41044.7	18605.8
	111	-120773.1	-2163.5	-4772.6	-1609.4	0.0	0.0
63	11	128513.1	-2163.5	-4772.6	-1609.4	41044.7	-18605.8
	111	-120773.1	2163.5	4772.6	1609.4	0.0	0.0
64	11	128513.1	-1928.6	-4516.5	-952.3	38841.7	-16586.1
	111	-120773.1	1928.6	4516.5	952.3	0.0	0.0
65	11	128513.1	425.8	-4922.9	-1994.9	42337.2	3661.9
	111	-120773.1	-425.8	4922.9	1994.9	0.0	0.0
66	11	128513.1	660.7	-4666.8	-1337.9	40134.2	5681.6
	111	-120773.1	-660.7	4666.8	1337.9	0.0	0.0
67	11	128513.1	-660.7	-4014.5	1337.9	34524.3	-5681.6
	111	-120773.1	660.7	4014.5	-1337.9	0.0	0.0
68	11	128513.1	-425.8	-3758.3	1994.9	32321.3	-3661.9
	111	-120773.1	425.8	3758.3	-1994.9	0.0	0.0
69	11	128513.1	1928.6	-4164.7	952.3	35816.8	16586.0
	111	-120773.1	-1928.6	4164.7	-952.3	0.0	0.0
70	11	128513.1	2163.5	-3908.6	1609.4	33613.8	18605.8
	111	-120773.1	-2163.5	3908.6	-1609.4	0.0	0.0
71	11	128513.1	-4932.3	1012.0	-894.7	-8703.3	-42417.6
	111	-120773.1	4932.3	-1012.0	894.7	0.0	0.0
72	11	128513.1	-4481.4	1239.5	-10.5	-10659.4	-38540.3
	111	-120773.1	4481.4	-1239.5	10.5	0.0	0.0
73	11	128513.1	-4932.3	-1592.4	-894.7	13694.3	-42417.6
	111	-120773.1	4932.3	1592.4	894.7	0.0	0.0
74	11	128513.1	-4481.4	-1364.9	-10.5	11738.2	-38540.3
	111	-120773.1	4481.4	1364.9	10.5	0.0	0.0
75	11	128513.1	-4149.4	1865.9	1295.6	-16046.5	-35685.2
	111	-120773.1	4149.4	-1865.9	-1295.6	0.0	0.0
76	11	128513.1	-3698.6	2093.3	2179.8	-18002.6	-31808.0
	111	-120773.1	3698.6	-2093.3	-2179.8	0.0	0.0
77	11	128513.1	-4149.4	-738.5	1295.6	6351.1	-35685.2
	111	-120773.1	4149.4	738.5	-1295.6	0.0	0.0
78	11	128513.1	-3698.6	-511.0	2179.8	4395.0	-31808.0
	111	-120773.1	3698.6	511.0	-2179.8	0.0	0.0
79	11	128513.1	3698.6	511.0	-2179.8	-4394.9	31808.0
	111	-120773.1	-3698.6	-511.0	2179.8	0.0	0.0
80	11	128513.1	4149.4	738.5	-1295.6	-6351.1	35685.2
	111	-120773.1	-4149.4	-738.5	1295.6	0.0	0.0
81	11	128513.1	3698.6	-2093.3	-2179.8	18002.6	31808.0
	111	-120773.1	-3698.6	2093.3	2179.8	0.0	0.0
82	11	128513.1	4149.4	-1865.9	-1295.6	16046.5	35685.2
	111	-120773.1	-4149.4	1865.9	1295.6	0.0	0.0

83	11	128513.1	4481.4	1364.9	10.5	-11738.2	38540.3
	111	-120773.1	-4481.4	-1364.9	-10.5	0.0	0.0
84	11	128513.1	4932.3	1592.4	894.7	-13694.3	42417.6
	111	-120773.1	-4932.3	-1592.4	-894.7	0.0	0.0
85	11	128513.1	4481.4	-1239.5	10.5	10659.4	38540.3
	111	-120773.1	-4481.4	1239.5	-10.5	0.0	0.0
86	11	128513.1	4932.3	-1012.0	894.7	8703.3	42417.6
	111	-120773.1	-4932.3	1012.0	-894.7	0.0	0.0
1	12	101641.6	-0.0	2797.8	-0.0	-24060.8	-0.0
	112	-91579.6	0.0	-2797.8	0.0	0.0	0.0
2	12	101641.6	0.0	-2797.8	0.0	24060.8	0.0
	112	-91579.6	-0.0	2797.8	-0.0	0.0	0.0
3	12	101641.6	-2097.2	-0.0	-0.0	0.0	-18036.1
	112	-91579.6	2097.2	0.0	0.0	0.0	0.0
4	12	101641.6	2063.5	0.0	0.0	-0.0	17745.9
	112	-91579.6	-2063.5	-0.0	-0.0	0.0	0.0
5	12	95786.2	-0.0	4662.9	-0.0	-40101.3	-0.0
	112	-85724.2	0.0	-4662.9	0.0	0.0	0.0
6	12	95786.2	0.0	-4662.9	0.0	40101.3	0.0
	112	-85724.2	-0.0	4662.9	-0.0	0.0	0.0
7	12	95786.2	-3495.4	-0.0	-0.0	0.0	-30060.2
	112	-85724.2	3495.4	0.0	0.0	0.0	0.0
8	12	95786.2	3439.1	0.0	0.0	-0.0	29576.5
	112	-85724.2	-3439.1	-0.0	-0.0	0.0	0.0
9	12	68126.5	-2863.3	3789.9	-1560.5	-32593.0	-24624.5
	112	-60386.5	2863.3	-3789.9	1560.5	0.0	0.0
10	12	68126.5	-2443.5	4038.3	-923.4	-34729.0	-21014.5
	112	-60386.5	2443.5	-4038.3	923.4	0.0	0.0
11	12	68126.5	-436.0	3644.2	-1934.4	-31339.7	-3749.9
	112	-60386.5	436.0	-3644.2	1934.4	0.0	0.0
12	12	68126.5	-16.3	3892.5	-1297.2	-33475.8	-139.8
	112	-60386.5	16.3	-3892.5	1297.2	0.0	0.0
13	12	68126.5	16.3	4525.0	1297.2	-38915.3	139.8
	112	-60386.5	-16.3	-4525.0	-1297.2	0.0	0.0
14	12	68126.5	436.0	4773.4	1934.4	-41051.4	3749.9
	112	-60386.5	-436.0	-4773.4	-1934.4	0.0	0.0
15	12	68126.5	2443.5	4379.3	923.4	-37662.1	21014.5
	112	-60386.5	-2443.5	-4379.3	-923.4	0.0	0.0
16	12	68126.5	2863.3	4627.7	1560.6	-39798.1	24624.5
	112	-60386.5	-2863.3	-4627.7	-1560.6	0.0	0.0
17	12	68126.5	-2863.3	-4627.7	-1560.5	39798.1	-24624.5
	112	-60386.5	2863.3	4627.7	1560.5	0.0	0.0
18	12	68126.5	-2443.5	-4379.3	-923.4	37662.1	-21014.5
	112	-60386.5	2443.5	4379.3	923.4	0.0	0.0
19	12	68126.5	-436.0	-4773.4	-1934.4	41051.4	-3749.9
	112	-60386.5	436.0	4773.4	1934.4	0.0	0.0
20	12	68126.5	-16.3	-4525.0	-1297.2	38915.3	-139.8
	112	-60386.5	16.3	4525.0	1297.2	0.0	0.0
21	12	68126.5	16.3	-3892.5	1297.2	33475.8	139.8
	112	-60386.5	-16.3	3892.5	-1297.2	0.0	0.0
22	12	68126.5	436.0	-3644.2	1934.4	31339.7	3749.8
	112	-60386.5	-436.0	3644.2	-1934.4	0.0	0.0
23	12	68126.5	2443.5	-4038.3	923.4	34729.0	21014.4
	112	-60386.5	-2443.5	4038.3	-923.4	0.0	0.0
24	12	68126.5	2863.3	-3789.9	1560.5	32593.0	24624.5
	112	-60386.5	-2863.3	3789.9	-1560.5	0.0	0.0
25	12	68126.5	-5177.0	981.3	-867.5	-8438.9	-44522.4
	112	-60386.5	5177.0	-981.3	867.5	0.0	0.0
26	12	68126.5	-4313.2	1201.8	-10.2	-10335.6	-37093.1
	112	-60386.5	4313.2	-1201.8	10.2	0.0	0.0
27	12	68126.5	-5177.0	-1544.0	-867.5	13278.4	-44522.4
	112	-60386.5	5177.0	1544.0	867.5	0.0	0.0
28	12	68126.5	-4313.2	-1323.5	-10.2	11381.7	-37093.2
	112	-60386.5	4313.2	1323.5	10.2	0.0	0.0

29	12	68126.5	-3777.8	1809.2	1256.2	-15559.1	-32489.0
	112	-60386.5	3777.8	-1809.2	-1256.2	0.0	0.0
30	12	68126.5	-2913.9	2029.8	2113.6	-17455.9	-25059.7
	112	-60386.5	2913.9	-2029.8	-2113.6	0.0	0.0
31	12	68126.5	-3777.8	-716.1	1256.2	6158.2	-32489.0
	112	-60386.5	3777.8	716.1	-1256.2	0.0	0.0
32	12	68126.5	-2913.9	-495.5	2113.6	4261.5	-25059.7
	112	-60386.5	2913.9	495.5	-2113.6	0.0	0.0
33	12	68126.5	2913.9	495.5	-2113.6	-4261.5	25059.7
	112	-60386.5	-2913.9	-495.5	2113.6	0.0	0.0
34	12	68126.5	3777.8	716.1	-1256.2	-6158.2	32489.0
	112	-60386.5	-3777.8	-716.1	1256.2	0.0	0.0
35	12	68126.5	2913.9	-2029.8	-2113.6	17455.9	25059.7
	112	-60386.5	-2913.9	2029.8	2113.6	0.0	0.0
36	12	68126.5	3777.8	-1809.2	-1256.2	15559.2	32489.0
	112	-60386.5	-3777.8	1809.2	1256.2	0.0	0.0
37	12	68126.5	4313.2	1323.5	10.2	-11381.7	37093.2
	112	-60386.5	-4313.2	-1323.5	-10.2	0.0	0.0
38	12	68126.5	5177.0	1544.0	867.5	-13278.4	44522.4
	112	-60386.5	-5177.0	-1544.0	-867.5	0.0	0.0
39	12	68126.5	4313.2	-1201.8	10.2	10335.6	37093.1
	112	-60386.5	-4313.2	1201.8	-10.2	0.0	0.0
40	12	68126.5	5177.0	-981.3	867.5	8438.9	44522.4
	112	-60386.5	-5177.0	981.3	-867.5	0.0	0.0
41	12	75933.8	-0.0	1865.2	-0.0	-16040.5	-0.0
	112	-68193.8	0.0	-1865.2	0.0	0.0	0.0
42	12	75933.8	0.0	-1865.2	0.0	16040.5	0.0
	112	-68193.8	-0.0	1865.2	-0.0	0.0	0.0
43	12	75933.8	-1398.2	-0.0	-0.0	0.0	-12024.1
	112	-68193.8	1398.2	0.0	0.0	0.0	0.0
44	12	75933.8	1375.7	0.0	0.0	-0.0	11830.6
	112	-68193.8	-1375.7	-0.0	-0.0	0.0	0.0
45	12	72030.1	-0.0	3108.6	-0.0	-26734.2	-0.0
	112	-64290.1	0.0	-3108.6	0.0	0.0	0.0
46	12	72030.1	0.0	-3108.6	0.0	26734.2	0.0
	112	-64290.1	-0.0	3108.6	-0.0	0.0	0.0
47	12	72030.1	-2330.3	-0.0	-0.0	0.0	-20040.2
	112	-64290.1	2330.3	0.0	0.0	0.0	0.0
48	12	72030.1	2292.8	0.0	0.0	-0.0	19717.7
	112	-64290.1	-2292.8	-0.0	-0.0	0.0	0.0
49	12	69688.0	0.0	0.0	0.0	0.0	0.0
	112	-61948.0	0.0	0.0	0.0	0.0	0.0
50	12	68126.5	-0.0	621.7	-0.0	-5346.8	-0.0
	112	-60386.5	0.0	-621.7	0.0	0.0	0.0
51	12	68126.5	0.0	-621.7	0.0	5346.8	0.0
	112	-60386.5	-0.0	621.7	-0.0	0.0	0.0
52	12	68126.5	-466.1	-0.0	-0.0	0.0	-4008.0
	112	-60386.5	466.1	0.0	0.0	0.0	0.0
53	12	68126.5	458.6	0.0	0.0	-0.0	3943.5
	112	-60386.5	-458.6	-0.0	-0.0	0.0	0.0
54	12	68126.5	0.0	0.0	0.0	0.0	0.0
	112	-60386.5	0.0	0.0	0.0	0.0	0.0
55	12	68126.5	-2953.0	3908.6	-1609.4	-33613.8	-25395.8
	112	-60386.5	2953.0	-3908.6	1609.4	0.0	0.0
56	12	68126.5	-2520.1	4164.7	-952.3	-35816.8	-21672.7
	112	-60386.5	2520.1	-4164.7	952.3	0.0	0.0
57	12	68126.5	-449.7	3758.3	-1994.9	-32321.3	-3867.3
	112	-60386.5	449.7	-3758.3	1994.9	0.0	0.0
58	12	68126.5	-16.8	4014.5	-1337.9	-34524.3	-144.2
	112	-60386.5	16.8	-4014.5	1337.9	0.0	0.0
59	12	68126.5	16.8	4666.8	1337.9	-40134.2	144.2
	112	-60386.5	-16.8	-4666.8	-1337.9	0.0	0.0
60	12	68126.5	449.7	4922.9	1994.9	-42337.2	3867.3
	112	-60386.5	-449.7	-4922.9	-1994.9	0.0	0.0
61	12	68126.5	2520.1	4516.5	952.3	-38841.7	21672.7

	112	-60386.5	-2520.1	-4516.5	-952.3	0.0	0.0
62	12	68126.5	2953.0	4772.6	1609.4	-41044.7	25395.8
	112	-60386.5	-2953.0	-4772.6	-1609.4	0.0	0.0
63	12	68126.5	-2953.0	-4772.6	-1609.4	41044.7	-25395.8
	112	-60386.5	2953.0	4772.6	1609.4	0.0	0.0
64	12	68126.5	-2520.1	-4516.5	-952.3	38841.7	-21672.7
	112	-60386.5	2520.1	4516.5	952.3	0.0	0.0
65	12	68126.5	-449.7	-4922.9	-1994.9	42337.2	-3867.3
	112	-60386.5	449.7	4922.9	1994.9	0.0	0.0
66	12	68126.5	-16.8	-4666.8	-1337.9	40134.2	-144.2
	112	-60386.5	16.8	4666.8	1337.9	0.0	0.0
67	12	68126.5	16.8	-4014.5	1337.9	34524.3	144.2
	112	-60386.5	-16.8	4014.5	-1337.9	0.0	0.0
68	12	68126.5	449.7	-3758.3	1994.9	32321.3	3867.3
	112	-60386.5	-449.7	3758.3	-1994.9	0.0	0.0
69	12	68126.5	2520.1	-4164.7	952.3	35816.8	21672.7
	112	-60386.5	-2520.1	4164.7	-952.3	0.0	0.0
70	12	68126.5	2953.0	-3908.6	1609.4	33613.8	25395.8
	112	-60386.5	-2953.0	3908.6	-1609.4	0.0	0.0
71	12	68126.5	-5339.2	1012.0	-894.7	-8703.3	-45917.0
	112	-60386.5	5339.2	-1012.0	894.7	0.0	0.0
72	12	68126.5	-4448.3	1239.5	-10.5	-10659.4	-38255.0
	112	-60386.5	4448.3	-1239.5	10.5	0.0	0.0
73	12	68126.5	-5339.2	-1592.4	-894.7	13694.3	-45917.0
	112	-60386.5	5339.2	1592.4	894.7	0.0	0.0
74	12	68126.5	-4448.3	-1364.9	-10.5	11738.2	-38255.0
	112	-60386.5	4448.3	1364.9	10.5	0.0	0.0
75	12	68126.5	-3896.1	1865.9	1295.6	-16046.5	-33506.6
	112	-60386.5	3896.1	-1865.9	-1295.6	0.0	0.0
76	12	68126.5	-3005.2	2093.3	2179.8	-18002.6	-25844.6
	112	-60386.5	3005.2	-2093.3	-2179.8	0.0	0.0
77	12	68126.5	-3896.1	-738.5	1295.6	6351.1	-33506.6
	112	-60386.5	3896.1	738.5	-1295.6	0.0	0.0
78	12	68126.5	-3005.2	-511.0	2179.8	4395.0	-25844.6
	112	-60386.5	3005.2	511.0	-2179.8	0.0	0.0
79	12	68126.5	3005.2	511.0	-2179.8	-4394.9	25844.6
	112	-60386.5	-3005.2	-511.0	2179.8	0.0	0.0
80	12	68126.5	3896.1	738.5	-1295.6	-6351.1	33506.6
	112	-60386.5	-3896.1	-738.5	1295.6	0.0	0.0
81	12	68126.5	3005.2	-2093.3	-2179.8	18002.6	25844.6
	112	-60386.5	-3005.2	2093.3	2179.8	0.0	0.0
82	12	68126.5	3896.1	-1865.9	-1295.6	16046.5	33506.6
	112	-60386.5	-3896.1	1865.9	1295.6	0.0	0.0
83	12	68126.5	4448.3	1364.9	10.5	-11738.2	38255.0
	112	-60386.5	-4448.3	-1364.9	-10.5	0.0	0.0
84	12	68126.5	5339.2	1592.4	894.7	-13694.3	45917.0
	112	-60386.5	-5339.2	-1592.4	-894.7	0.0	0.0
85	12	68126.5	4448.3	-1239.5	10.5	10659.4	38255.0
	112	-60386.5	-4448.3	1239.5	-10.5	0.0	0.0
86	12	68126.5	5339.2	-1012.0	894.7	8703.3	45917.0
	112	-60386.5	-5339.2	1012.0	-894.7	0.0	0.0
1	13	59374.4	0.0	2797.8	-0.0	-24060.8	0.0
	113	-49312.4	-0.0	-2797.8	0.0	0.0	0.0
2	13	59374.4	-0.0	-2797.8	0.0	24060.8	-0.0
	113	-49312.4	0.0	2797.8	-0.0	0.0	0.0
3	13	59374.4	-2097.2	-0.0	-0.0	0.0	-18036.1
	113	-49312.4	2097.2	0.0	0.0	0.0	0.0
4	13	59374.4	2063.5	0.0	0.0	-0.0	17745.9
	113	-49312.4	-2063.5	-0.0	-0.0	0.0	0.0
5	13	56445.8	0.0	4662.9	-0.0	-40101.3	0.0
	113	-46383.8	-0.0	-4662.9	0.0	0.0	0.0
6	13	56445.8	-0.0	-4662.9	0.0	40101.3	-0.0
	113	-46383.8	0.0	4662.9	-0.0	0.0	0.0
7	13	56445.8	-3495.4	-0.0	-0.0	0.0	-30060.2

	113	-46383.8	3495.4	0.0	0.0	0.0	0.0
8	13	56445.8	3439.1	0.0	0.0	-0.0	29576.5
	113	-46383.8	-3439.1	-0.0	-0.0	0.0	0.0
9	13	40641.4	-41.3	3169.7	-1560.5	-27259.6	-355.0
	113	-32901.4	41.3	-3169.7	1560.5	0.0	0.0
10	13	40641.4	-323.8	3915.2	-923.4	-33670.4	-2784.8
	113	-32901.4	323.8	-3915.2	923.4	0.0	0.0
11	13	40641.4	2775.4	2732.4	-1934.4	-23498.3	23868.4
	113	-32901.4	-2775.4	-2732.4	1934.4	0.0	0.0
12	13	40641.4	2492.9	3477.8	-1297.2	-29909.2	21438.6
	113	-32901.4	-2492.9	-3477.8	1297.2	0.0	0.0
13	13	40641.4	-2492.9	5288.4	1297.2	-45479.9	-21438.6
	113	-32901.4	2492.9	-5288.4	-1297.2	0.0	0.0
14	13	40641.4	-2775.4	6033.8	1934.4	-51890.7	-23868.4
	113	-32901.4	2775.4	-6033.8	-1934.4	0.0	0.0
15	13	40641.4	323.8	4851.0	923.4	-41718.7	2784.8
	113	-32901.4	-323.8	-4851.0	-923.4	0.0	0.0
16	13	40641.4	41.3	5596.5	1560.6	-48129.5	355.0
	113	-32901.4	-41.3	-5596.5	-1560.6	0.0	0.0
17	13	40641.4	-41.3	-5596.5	-1560.5	48129.5	-355.0
	113	-32901.4	41.3	5596.5	1560.5	0.0	0.0
18	13	40641.4	-323.8	-4851.0	-923.4	41718.7	-2784.8
	113	-32901.4	323.8	4851.0	923.4	0.0	0.0
19	13	40641.4	2775.4	-6033.8	-1934.4	51890.7	23868.4
	113	-32901.4	-2775.4	6033.8	1934.4	0.0	0.0
20	13	40641.4	2492.9	-5288.4	-1297.2	45479.9	21438.6
	113	-32901.4	-2492.9	5288.4	1297.2	0.0	0.0
21	13	40641.4	-2492.9	-3477.8	1297.2	29909.2	-21438.6
	113	-32901.4	2492.9	3477.8	-1297.2	0.0	0.0
22	13	40641.4	-2775.4	-2732.4	1934.4	23498.3	-23868.4
	113	-32901.4	2775.4	2732.4	-1934.4	0.0	0.0
23	13	40641.4	323.8	-3915.2	923.4	33670.4	2784.8
	113	-32901.4	-323.8	3915.2	-923.4	0.0	0.0
24	13	40641.4	41.3	-3169.7	1560.5	27259.6	355.0
	113	-32901.4	-41.3	3169.7	-1560.5	0.0	0.0
25	13	40641.4	-3855.8	483.6	-867.5	-4159.3	-33160.1
	113	-32901.4	3855.8	-483.6	867.5	0.0	0.0
26	13	40641.4	-4591.3	1119.2	-10.2	-9625.4	-39485.2
	113	-32901.4	4591.3	-1119.2	10.2	0.0	0.0
27	13	40641.4	-3855.8	-2146.2	-867.5	18457.4	-33160.1
	113	-32901.4	3855.8	2146.2	867.5	0.0	0.0
28	13	40641.4	-4591.3	-1510.6	-10.2	12991.3	-39485.2
	113	-32901.4	4591.3	1510.6	10.2	0.0	0.0
29	13	40641.4	-4797.6	2968.5	1256.2	-25528.8	-41259.4
	113	-32901.4	4797.6	-2968.5	-1256.2	0.0	0.0
30	13	40641.4	-5533.1	3604.1	2113.6	-30994.8	-47584.5
	113	-32901.4	5533.1	-3604.1	-2113.6	0.0	0.0
31	13	40641.4	-4797.6	338.6	1256.2	-2912.0	-41259.4
	113	-32901.4	4797.6	-338.6	-1256.2	0.0	0.0
32	13	40641.4	-5533.1	974.2	2113.6	-8378.1	-47584.5
	113	-32901.4	5533.1	-974.2	-2113.6	0.0	0.0
33	13	40641.4	5533.1	-974.2	-2113.6	8378.1	47584.5
	113	-32901.4	-5533.1	974.2	2113.6	0.0	0.0
34	13	40641.4	4797.6	-338.6	-1256.2	2912.0	41259.4
	113	-32901.4	-4797.6	338.6	1256.2	0.0	0.0
35	13	40641.4	5533.1	-3604.1	-2113.6	30994.9	47584.5
	113	-32901.4	-5533.1	3604.1	2113.6	0.0	0.0
36	13	40641.4	4797.6	-2968.5	-1256.2	25528.8	41259.4
	113	-32901.4	-4797.6	2968.5	1256.2	0.0	0.0
37	13	40641.4	4591.3	1510.6	10.2	-12991.3	39485.2
	113	-32901.4	-4591.3	-1510.6	-10.2	0.0	0.0
38	13	40641.4	3855.8	2146.2	867.5	-18457.4	33160.1
	113	-32901.4	-3855.8	-2146.2	-867.5	0.0	0.0
39	13	40641.4	4591.3	-1119.2	10.2	9625.4	39485.2
	113	-32901.4	-4591.3	1119.2	-10.2	0.0	0.0

40	13	40641.4	3855.8	-483.6	867.5	4159.3	33160.1
	113	-32901.4	-3855.8	483.6	-867.5	0.0	0.0
41	13	44546.2	0.0	1865.2	-0.0	-16040.5	0.0
	113	-36806.2	-0.0	-1865.2	0.0	0.0	0.0
42	13	44546.2	-0.0	-1865.2	0.0	16040.5	-0.0
	113	-36806.2	0.0	1865.2	-0.0	0.0	0.0
43	13	44546.2	-1398.2	-0.0	-0.0	0.0	-12024.1
	113	-36806.2	1398.2	0.0	0.0	0.0	0.0
44	13	44546.2	1375.7	0.0	0.0	-0.0	11830.6
	113	-36806.2	-1375.7	-0.0	-0.0	0.0	0.0
45	13	42593.8	0.0	3108.6	-0.0	-26734.2	0.0
	113	-34853.8	-0.0	-3108.6	0.0	0.0	0.0
46	13	42593.8	-0.0	-3108.6	0.0	26734.2	-0.0
	113	-34853.8	0.0	3108.6	-0.0	0.0	0.0
47	13	42593.8	-2330.3	-0.0	-0.0	0.0	-20040.2
	113	-34853.8	2330.3	0.0	0.0	0.0	0.0
48	13	42593.8	2292.8	0.0	0.0	-0.0	19717.7
	113	-34853.8	-2292.8	-0.0	-0.0	0.0	0.0
49	13	41422.4	0.0	0.0	0.0	0.0	0.0
	113	-33682.4	0.0	0.0	0.0	0.0	0.0
50	13	40641.4	0.0	621.7	-0.0	-5346.8	0.0
	113	-32901.4	-0.0	-621.7	0.0	0.0	0.0
51	13	40641.4	-0.0	-621.7	0.0	5346.8	-0.0
	113	-32901.4	0.0	621.7	-0.0	0.0	0.0
52	13	40641.4	-466.1	-0.0	-0.0	0.0	-4008.0
	113	-32901.4	466.1	0.0	0.0	0.0	0.0
53	13	40641.4	458.6	0.0	0.0	-0.0	3943.5
	113	-32901.4	-458.6	-0.0	-0.0	0.0	0.0
54	13	40641.4	0.0	0.0	0.0	0.0	0.0
	113	-32901.4	0.0	0.0	0.0	0.0	0.0
55	13	40641.4	-42.6	3269.0	-1609.4	-28113.4	-366.1
	113	-32901.4	42.6	-3269.0	1609.4	0.0	0.0
56	13	40641.4	-334.0	4037.8	-952.3	-34725.0	-2872.0
	113	-32901.4	334.0	-4037.8	952.3	0.0	0.0
57	13	40641.4	2862.3	2817.9	-1994.9	-24234.4	24616.0
	113	-32901.4	-2862.3	-2817.9	1994.9	0.0	0.0
58	13	40641.4	2570.9	3586.7	-1337.9	-30846.0	22110.1
	113	-32901.4	-2570.9	-3586.7	1337.9	0.0	0.0
59	13	40641.4	-2570.9	5454.0	1337.9	-46904.4	-22110.1
	113	-32901.4	2570.9	-5454.0	-1337.9	0.0	0.0
60	13	40641.4	-2862.3	6222.8	1994.9	-53516.0	-24616.0
	113	-32901.4	2862.3	-6222.8	-1994.9	0.0	0.0
61	13	40641.4	334.0	5002.9	952.3	-43025.4	2872.0
	113	-32901.4	-334.0	-5002.9	-952.3	0.0	0.0
62	13	40641.4	42.6	5771.7	1609.4	-49637.0	366.1
	113	-32901.4	-42.6	-5771.7	-1609.4	0.0	0.0
63	13	40641.4	-42.6	-5771.7	-1609.4	49637.0	-366.1
	113	-32901.4	42.6	5771.7	1609.4	0.0	0.0
64	13	40641.4	-334.0	-5003.0	-952.3	43025.4	-2872.0
	113	-32901.4	334.0	5003.0	952.3	0.0	0.0
65	13	40641.4	2862.3	-6222.8	-1994.9	53516.0	24616.0
	113	-32901.4	-2862.3	6222.8	1994.9	0.0	0.0
66	13	40641.4	2570.9	-5454.0	-1337.9	46904.4	22110.1
	113	-32901.4	-2570.9	5454.0	1337.9	0.0	0.0
67	13	40641.4	-2570.9	-3586.7	1337.9	30846.0	-22110.1
	113	-32901.4	2570.9	3586.7	-1337.9	0.0	0.0
68	13	40641.4	-2862.3	-2817.9	1994.9	24234.4	-24616.0
	113	-32901.4	2862.3	2817.9	-1994.9	0.0	0.0
69	13	40641.4	334.0	-4037.8	952.3	34725.0	2872.0
	113	-32901.4	-334.0	4037.8	-952.3	0.0	0.0
70	13	40641.4	42.6	-3269.0	1609.4	28113.4	366.1
	113	-32901.4	-42.6	3269.0	-1609.4	0.0	0.0
71	13	40641.4	-3976.6	498.8	-894.7	-4289.6	-34198.8
	113	-32901.4	3976.6	-498.8	894.7	0.0	0.0
72	13	40641.4	-4735.1	1154.3	-10.5	-9926.9	-40722.0

	113	-32901.4	4735.1	-1154.3	10.5	0.0	0.0
73	13	40641.4	-3976.6	-2213.4	-894.7	19035.5	-34198.8
	113	-32901.4	3976.6	2213.4	894.7	0.0	0.0
74	13	40641.4	-4735.1	-1557.9	-10.5	13398.2	-40722.0
	113	-32901.4	4735.1	1557.9	10.5	0.0	0.0
75	13	40641.4	-4947.9	3061.4	1295.6	-26328.4	-42551.7
	113	-32901.4	4947.9	-3061.4	-1295.6	0.0	0.0
76	13	40641.4	-5706.4	3716.9	2179.8	-31965.7	-49074.9
	113	-32901.4	5706.4	-3716.9	-2179.8	0.0	0.0
77	13	40641.4	-4947.9	349.2	1295.6	-3003.2	-42551.7
	113	-32901.4	4947.9	-349.2	-1295.6	0.0	0.0
78	13	40641.4	-5706.4	1004.7	2179.8	-8640.5	-49074.9
	113	-32901.4	5706.4	-1004.7	-2179.8	0.0	0.0
79	13	40641.4	5706.4	-1004.7	-2179.8	8640.6	49074.9
	113	-32901.4	-5706.4	1004.7	2179.8	0.0	0.0
80	13	40641.4	4947.9	-349.2	-1295.6	3003.3	42551.7
	113	-32901.4	-4947.9	349.2	1295.6	0.0	0.0
81	13	40641.4	5706.4	-3716.9	-2179.8	31965.7	49074.9
	113	-32901.4	-5706.4	3716.9	2179.8	0.0	0.0
82	13	40641.4	4947.9	-3061.4	-1295.6	26328.4	42551.7
	113	-32901.4	-4947.9	3061.4	1295.6	0.0	0.0
83	13	40641.4	4735.1	1557.9	10.5	-13398.2	40722.0
	113	-32901.4	-4735.1	-1557.9	-10.5	0.0	0.0
84	13	40641.4	3976.6	2213.4	894.7	-19035.5	34198.8
	113	-32901.4	-3976.6	-2213.4	-894.7	0.0	0.0
85	13	40641.4	4735.1	-1154.3	10.5	9926.9	40722.0
	113	-32901.4	-4735.1	1154.3	-10.5	0.0	0.0
86	13	40641.4	3976.6	-498.8	894.7	4289.6	34198.8
	113	-32901.4	-3976.6	498.8	-894.7	0.0	0.0
1	14	108686.8	0.0	2797.8	-0.0	-24060.8	0.0
	114	-98624.8	-0.0	-2797.8	0.0	0.0	0.0
2	14	108686.8	-0.0	-2797.8	0.0	24060.8	-0.0
	114	-98624.8	0.0	2797.8	-0.0	0.0	0.0
3	14	108686.8	-2097.2	-0.0	-0.0	0.0	-18036.1
	114	-98624.8	2097.2	0.0	0.0	0.0	0.0
4	14	108686.8	2063.5	0.0	0.0	-0.0	17745.9
	114	-98624.8	-2063.5	-0.0	-0.0	0.0	0.0
5	14	102829.6	0.0	4662.9	-0.0	-40101.3	0.0
	114	-92767.6	-0.0	-4662.9	0.0	0.0	0.0
6	14	102829.6	-0.0	-4662.9	0.0	40101.3	-0.0
	114	-92767.6	0.0	4662.9	-0.0	0.0	0.0
7	14	102829.6	-3495.4	-0.0	-0.0	0.0	-30060.2
	114	-92767.6	3495.4	0.0	0.0	0.0	0.0
8	14	102829.6	3439.1	0.0	0.0	-0.0	29576.5
	114	-92767.6	-3439.1	-0.0	-0.0	0.0	0.0
9	14	73542.9	-733.2	3169.7	-1560.5	-27259.6	-6305.9
	114	-65802.9	733.2	-3169.7	1560.5	0.0	0.0
10	14	73542.9	-745.8	3915.2	-923.4	-33670.4	-6413.7
	114	-65802.9	745.8	-3915.2	923.4	0.0	0.0
11	14	73542.9	1913.2	2732.4	-1934.4	-23498.3	16453.2
	114	-65802.9	-1913.2	-2732.4	1934.4	0.0	0.0
12	14	73542.9	1900.6	3477.8	-1297.2	-29909.2	16345.3
	114	-65802.9	-1900.6	-3477.8	1297.2	0.0	0.0
13	14	73542.9	-1900.6	5288.4	1297.2	-45479.9	-16345.4
	114	-65802.9	1900.6	-5288.4	-1297.2	0.0	0.0
14	14	73542.9	-1913.2	6033.8	1934.4	-51890.7	-16453.2
	114	-65802.9	1913.2	-6033.8	-1934.4	0.0	0.0
15	14	73542.9	745.8	4851.0	923.4	-41718.7	6413.7
	114	-65802.9	-745.8	-4851.0	-923.4	0.0	0.0
16	14	73542.9	733.2	5596.5	1560.6	-48129.5	6305.9
	114	-65802.9	-733.2	-5596.5	-1560.6	0.0	0.0
17	14	73542.9	-733.2	-5596.5	-1560.5	48129.5	-6305.9
	114	-65802.9	733.2	5596.5	1560.5	0.0	0.0
18	14	73542.9	-745.8	-4851.0	-923.4	41718.7	-6413.7

	114	-65802.9	745.8	4851.0	923.4	0.0	0.0
19	14	73542.9	1913.2	-6033.8	-1934.4	51890.7	16453.2
	114	-65802.9	-1913.2	6033.8	1934.4	0.0	0.0
20	14	73542.9	1900.6	-5288.4	-1297.2	45479.9	16345.4
	114	-65802.9	-1900.6	5288.4	1297.2	0.0	0.0
21	14	73542.9	-1900.6	-3477.8	1297.2	29909.2	-16345.4
	114	-65802.9	1900.6	3477.8	-1297.2	0.0	0.0
22	14	73542.9	-1913.2	-2732.4	1934.4	23498.3	-16453.2
	114	-65802.9	1913.2	2732.4	-1934.4	0.0	0.0
23	14	73542.9	745.8	-3915.2	923.4	33670.4	6413.7
	114	-65802.9	-745.8	3915.2	-923.4	0.0	0.0
24	14	73542.9	733.2	-3169.7	1560.5	27259.6	6305.9
	114	-65802.9	-733.2	3169.7	-1560.5	0.0	0.0
25	14	73542.9	-4214.7	483.6	-867.5	-4159.3	-36246.1
	114	-65802.9	4214.7	-483.6	867.5	0.0	0.0
26	14	73542.9	-4564.9	1119.2	-10.2	-9625.4	-39258.0
	114	-65802.9	4564.9	-1119.2	10.2	0.0	0.0
27	14	73542.9	-4214.7	-2146.2	-867.5	18457.4	-36246.1
	114	-65802.9	4214.7	2146.2	867.5	0.0	0.0
28	14	73542.9	-4564.9	-1510.6	-10.2	12991.3	-39258.0
	114	-65802.9	4564.9	1510.6	10.2	0.0	0.0
29	14	73542.9	-4256.5	2968.5	1256.2	-25528.8	-36605.6
	114	-65802.9	4256.5	-2968.5	-1256.2	0.0	0.0
30	14	73542.9	-4606.7	3604.1	2113.6	-30994.8	-39617.5
	114	-65802.9	4606.7	-3604.1	-2113.6	0.0	0.0
31	14	73542.9	-4256.5	338.6	1256.2	-2912.0	-36605.6
	114	-65802.9	4256.5	-338.6	-1256.2	0.0	0.0
32	14	73542.9	-4606.7	974.2	2113.6	-8378.1	-39617.5
	114	-65802.9	4606.7	-974.2	-2113.6	0.0	0.0
33	14	73542.9	4606.7	-974.2	-2113.6	8378.1	39617.5
	114	-65802.9	-4606.7	974.2	2113.6	0.0	0.0
34	14	73542.9	4256.5	-338.6	-1256.2	2912.0	36605.6
	114	-65802.9	-4256.5	338.6	1256.2	0.0	0.0
35	14	73542.9	4606.7	-3604.1	-2113.6	30994.9	39617.5
	114	-65802.9	-4606.7	3604.1	2113.6	0.0	0.0
36	14	73542.9	4256.5	-2968.5	-1256.2	25528.8	36605.6
	114	-65802.9	-4256.5	2968.5	1256.2	0.0	0.0
37	14	73542.9	4564.9	1510.6	10.2	-12991.3	39258.0
	114	-65802.9	-4564.9	-1510.6	-10.2	0.0	0.0
38	14	73542.9	4214.7	2146.2	867.5	-18457.4	36246.1
	114	-65802.9	-4214.7	-2146.2	-867.5	0.0	0.0
39	14	73542.9	4564.9	-1119.2	10.2	9625.4	39258.0
	114	-65802.9	-4564.9	1119.2	-10.2	0.0	0.0
40	14	73542.9	4214.7	-483.6	867.5	4159.3	36246.1
	114	-65802.9	-4214.7	483.6	-867.5	0.0	0.0
41	14	81352.5	0.0	1865.2	-0.0	-16040.5	0.0
	114	-73612.5	-0.0	-1865.2	0.0	0.0	0.0
42	14	81352.5	-0.0	-1865.2	0.0	16040.5	-0.0
	114	-73612.5	0.0	1865.2	-0.0	0.0	0.0
43	14	81352.5	-1398.2	-0.0	-0.0	0.0	-12024.1
	114	-73612.5	1398.2	0.0	0.0	0.0	0.0
44	14	81352.5	1375.7	0.0	0.0	-0.0	11830.6
	114	-73612.5	-1375.7	-0.0	-0.0	0.0	0.0
45	14	77447.7	0.0	3108.6	-0.0	-26734.2	0.0
	114	-69707.7	-0.0	-3108.6	0.0	0.0	0.0
46	14	77447.7	-0.0	-3108.6	0.0	26734.2	-0.0
	114	-69707.7	0.0	3108.6	-0.0	0.0	0.0
47	14	77447.7	-2330.3	-0.0	-0.0	0.0	-20040.2
	114	-69707.7	2330.3	0.0	0.0	0.0	0.0
48	14	77447.7	2292.8	0.0	0.0	-0.0	19717.7
	114	-69707.7	-2292.8	-0.0	-0.0	0.0	0.0
49	14	75104.8	0.0	0.0	0.0	0.0	0.0
	114	-67364.8	0.0	0.0	0.0	0.0	0.0
50	14	73542.9	0.0	621.7	-0.0	-5346.8	0.0
	114	-65802.9	-0.0	-621.7	0.0	0.0	0.0

51	14	73542.9	-0.0	-621.7	0.0	5346.8	-0.0
	114	-65802.9	0.0	621.7	-0.0	0.0	0.0
52	14	73542.9	-466.1	-0.0	-0.0	0.0	-4008.0
	114	-65802.9	466.1	0.0	0.0	0.0	0.0
53	14	73542.9	458.6	0.0	0.0	-0.0	3943.5
	114	-65802.9	-458.6	-0.0	-0.0	0.0	0.0
54	14	73542.9	0.0	0.0	0.0	0.0	0.0
	114	-65802.9	0.0	0.0	0.0	0.0	0.0
55	14	73542.9	-756.2	3269.0	-1609.4	-28113.4	-6503.4
	114	-65802.9	756.2	-3269.0	1609.4	0.0	0.0
56	14	73542.9	-769.1	4037.8	-952.3	-34725.0	-6614.6
	114	-65802.9	769.1	-4037.8	952.3	0.0	0.0
57	14	73542.9	1973.1	2817.9	-1994.9	-24234.4	16968.5
	114	-65802.9	-1973.1	-2817.9	1994.9	0.0	0.0
58	14	73542.9	1960.2	3586.7	-1337.9	-30846.0	16857.3
	114	-65802.9	-1960.2	-3586.7	1337.9	0.0	0.0
59	14	73542.9	-1960.2	5454.0	1337.9	-46904.4	-16857.3
	114	-65802.9	1960.2	-5454.0	-1337.9	0.0	0.0
60	14	73542.9	-1973.1	6222.8	1994.9	-53516.0	-16968.6
	114	-65802.9	1973.1	-6222.8	-1994.9	0.0	0.0
61	14	73542.9	769.1	5002.9	952.3	-43025.4	6614.6
	114	-65802.9	-769.1	-5002.9	-952.3	0.0	0.0
62	14	73542.9	756.2	5771.7	1609.4	-49637.0	6503.4
	114	-65802.9	-756.2	-5771.7	-1609.4	0.0	0.0
63	14	73542.9	-756.2	-5771.7	-1609.4	49637.0	-6503.4
	114	-65802.9	756.2	5771.7	1609.4	0.0	0.0
64	14	73542.9	-769.1	-5003.0	-952.3	43025.4	-6614.6
	114	-65802.9	769.1	5003.0	952.3	0.0	0.0
65	14	73542.9	1973.1	-6222.8	-1994.9	53516.0	16968.6
	114	-65802.9	-1973.1	6222.8	1994.9	0.0	0.0
66	14	73542.9	1960.2	-5454.0	-1337.9	46904.4	16857.3
	114	-65802.9	-1960.2	5454.0	1337.9	0.0	0.0
67	14	73542.9	-1960.2	-3586.7	1337.9	30846.0	-16857.3
	114	-65802.9	1960.2	3586.7	-1337.9	0.0	0.0
68	14	73542.9	-1973.1	-2817.9	1994.9	24234.4	-16968.6
	114	-65802.9	1973.1	2817.9	-1994.9	0.0	0.0
69	14	73542.9	769.1	-4037.8	952.3	34725.0	6614.6
	114	-65802.9	-769.1	4037.8	-952.3	0.0	0.0
70	14	73542.9	756.2	-3269.0	1609.4	28113.4	6503.4
	114	-65802.9	-756.2	3269.0	-1609.4	0.0	0.0
71	14	73542.9	-4346.7	498.8	-894.7	-4289.6	-37381.4
	114	-65802.9	4346.7	-498.8	894.7	0.0	0.0
72	14	73542.9	-4707.9	1154.3	-10.5	-9926.9	-40487.6
	114	-65802.9	4707.9	-1154.3	10.5	0.0	0.0
73	14	73542.9	-4346.7	-2213.4	-894.7	19035.5	-37381.4
	114	-65802.9	4346.7	2213.4	894.7	0.0	0.0
74	14	73542.9	-4707.9	-1557.9	-10.5	13398.2	-40487.6
	114	-65802.9	4707.9	1557.9	10.5	0.0	0.0
75	14	73542.9	-4389.8	3061.4	1295.6	-26328.4	-37752.2
	114	-65802.9	4389.8	-3061.4	-1295.6	0.0	0.0
76	14	73542.9	-4751.0	3716.9	2179.8	-31965.7	-40858.4
	114	-65802.9	4751.0	-3716.9	-2179.8	0.0	0.0
77	14	73542.9	-4389.8	349.2	1295.6	-3003.2	-37752.2
	114	-65802.9	4389.8	-349.2	-1295.6	0.0	0.0
78	14	73542.9	-4751.0	1004.7	2179.8	-8640.5	-40858.4
	114	-65802.9	4751.0	-1004.7	-2179.8	0.0	0.0
79	14	73542.9	4751.0	-1004.7	-2179.8	8640.6	40858.4
	114	-65802.9	-4751.0	1004.7	2179.8	0.0	0.0
80	14	73542.9	4389.8	-349.2	-1295.6	3003.3	37752.2
	114	-65802.9	-4389.8	349.2	1295.6	0.0	0.0
81	14	73542.9	4751.0	-3716.9	-2179.8	31965.7	40858.4
	114	-65802.9	-4751.0	3716.9	2179.8	0.0	0.0
82	14	73542.9	4389.8	-3061.4	-1295.6	26328.4	37752.2
	114	-65802.9	-4389.8	3061.4	1295.6	0.0	0.0
83	14	73542.9	4707.9	1557.9	10.5	-13398.2	40487.6

	114	-65802.9	-4707.9	-1557.9	-10.5	0.0	0.0
84	14	73542.9	4346.7	2213.4	894.7	-19035.5	37381.4
	114	-65802.9	-4346.7	-2213.4	-894.7	0.0	0.0
85	14	73542.9	4707.9	-1154.3	10.5	9926.9	40487.6
	114	-65802.9	-4707.9	1154.3	-10.5	0.0	0.0
86	14	73542.9	4346.7	-498.8	894.7	4289.6	37381.4
	114	-65802.9	-4346.7	498.8	-894.7	0.0	0.0
1	15	108686.8	-0.0	2797.8	-0.0	-24060.8	-0.0
	115	-98624.8	0.0	-2797.8	0.0	0.0	0.0
2	15	108686.8	0.0	-2797.8	0.0	24060.8	0.0
	115	-98624.8	-0.0	2797.8	-0.0	0.0	0.0
3	15	108686.8	-2097.2	-0.0	-0.0	0.0	-18036.1
	115	-98624.8	2097.2	0.0	0.0	0.0	0.0
4	15	108686.8	2063.5	0.0	0.0	-0.0	17745.9
	115	-98624.8	-2063.5	-0.0	-0.0	0.0	0.0
5	15	102829.6	-0.0	4662.9	-0.0	-40101.3	-0.0
	115	-92767.6	0.0	-4662.9	0.0	0.0	0.0
6	15	102829.6	0.0	-4662.9	0.0	40101.3	0.0
	115	-92767.6	-0.0	4662.9	-0.0	0.0	0.0
7	15	102829.6	-3495.4	-0.0	-0.0	0.0	-30060.2
	115	-92767.6	3495.4	0.0	0.0	0.0	0.0
8	15	102829.6	3439.1	0.0	0.0	-0.0	29576.5
	115	-92767.6	-3439.1	-0.0	-0.0	0.0	0.0
9	15	73542.9	-2097.8	3169.7	-1560.5	-27259.6	-18040.7
	115	-65802.9	2097.8	-3169.7	1560.5	0.0	0.0
10	15	73542.9	-1870.0	3915.2	-923.4	-33670.4	-16082.3
	115	-65802.9	1870.0	-3915.2	923.4	0.0	0.0
11	15	73542.9	412.9	2732.4	-1934.4	-23498.3	3550.7
	115	-65802.9	-412.9	-2732.4	1934.4	0.0	0.0
12	15	73542.9	640.6	3477.8	-1297.2	-29909.2	5509.1
	115	-65802.9	-640.6	-3477.8	1297.2	0.0	0.0
13	15	73542.9	-640.6	5288.4	1297.2	-45479.9	-5509.1
	115	-65802.9	640.6	-5288.4	-1297.2	0.0	0.0
14	15	73542.9	-412.9	6033.8	1934.4	-51890.7	-3550.7
	115	-65802.9	412.9	-6033.8	-1934.4	0.0	0.0
15	15	73542.9	1870.0	4851.0	923.4	-41718.7	16082.3
	115	-65802.9	-1870.0	-4851.0	-923.4	0.0	0.0
16	15	73542.9	2097.8	5596.5	1560.6	-48129.5	18040.7
	115	-65802.9	-2097.8	-5596.5	-1560.6	0.0	0.0
17	15	73542.9	-2097.8	-5596.5	-1560.5	48129.5	-18040.7
	115	-65802.9	2097.8	5596.5	1560.5	0.0	0.0
18	15	73542.9	-1870.0	-4851.0	-923.4	41718.7	-16082.3
	115	-65802.9	1870.0	4851.0	923.4	0.0	0.0
19	15	73542.9	412.9	-6033.8	-1934.4	51890.7	3550.7
	115	-65802.9	-412.9	6033.8	1934.4	0.0	0.0
20	15	73542.9	640.6	-5288.4	-1297.2	45479.9	5509.0
	115	-65802.9	-640.6	5288.4	1297.2	0.0	0.0
21	15	73542.9	-640.6	-3477.8	1297.2	29909.2	-5509.1
	115	-65802.9	640.6	3477.8	-1297.2	0.0	0.0
22	15	73542.9	-412.9	-2732.4	1934.4	23498.3	-3550.7
	115	-65802.9	412.9	2732.4	-1934.4	0.0	0.0
23	15	73542.9	1870.0	-3915.2	923.4	33670.4	16082.3
	115	-65802.9	-1870.0	3915.2	-923.4	0.0	0.0
24	15	73542.9	2097.8	-3169.7	1560.5	27259.6	18040.7
	115	-65802.9	-2097.8	3169.7	-1560.5	0.0	0.0
25	15	73542.9	-4782.5	483.6	-867.5	-4159.3	-41129.3
	115	-65802.9	4782.5	-483.6	867.5	0.0	0.0
26	15	73542.9	-4345.3	1119.2	-10.2	-9625.4	-37369.8
	115	-65802.9	4345.3	-1119.2	10.2	0.0	0.0
27	15	73542.9	-4782.5	-2146.2	-867.5	18457.4	-41129.3
	115	-65802.9	4782.5	2146.2	867.5	0.0	0.0
28	15	73542.9	-4345.3	-1510.6	-10.2	12991.3	-37369.8
	115	-65802.9	4345.3	1510.6	10.2	0.0	0.0
29	15	73542.9	-4023.4	2968.5	1256.2	-25528.8	-34601.4

	115	-65802.9	4023.4	-2968.5	-1256.2	0.0	0.0
30	15	73542.9	-3586.3	3604.1	2113.6	-30994.8	-30841.9
	115	-65802.9	3586.3	-3604.1	-2113.6	0.0	0.0
31	15	73542.9	-4023.4	338.6	1256.2	-2912.0	-34601.4
	115	-65802.9	4023.4	-338.6	-1256.2	0.0	0.0
32	15	73542.9	-3586.3	974.2	2113.6	-8378.1	-30841.9
	115	-65802.9	3586.3	-974.2	-2113.6	0.0	0.0
33	15	73542.9	3586.3	-974.2	-2113.6	8378.1	30841.9
	115	-65802.9	-3586.3	974.2	2113.6	0.0	0.0
34	15	73542.9	4023.4	-338.6	-1256.2	2912.0	34601.4
	115	-65802.9	-4023.4	338.6	1256.2	0.0	0.0
35	15	73542.9	3586.3	-3604.1	-2113.6	30994.9	30841.9
	115	-65802.9	-3586.3	3604.1	2113.6	0.0	0.0
36	15	73542.9	4023.4	-2968.5	-1256.2	25528.8	34601.4
	115	-65802.9	-4023.4	2968.5	1256.2	0.0	0.0
37	15	73542.9	4345.3	1510.6	10.2	-12991.3	37369.8
	115	-65802.9	-4345.3	-1510.6	-10.2	0.0	0.0
38	15	73542.9	4782.5	2146.2	867.5	-18457.4	41129.3
	115	-65802.9	-4782.5	-2146.2	-867.5	0.0	0.0
39	15	73542.9	4345.3	-1119.2	10.2	9625.4	37369.8
	115	-65802.9	-4345.3	1119.2	-10.2	0.0	0.0
40	15	73542.9	4782.5	-483.6	867.5	4159.3	41129.3
	115	-65802.9	-4782.5	483.6	-867.5	0.0	0.0
41	15	81352.5	-0.0	1865.2	-0.0	-16040.5	-0.0
	115	-73612.5	0.0	-1865.2	0.0	0.0	0.0
42	15	81352.5	0.0	-1865.2	0.0	16040.5	0.0
	115	-73612.5	-0.0	1865.2	-0.0	0.0	0.0
43	15	81352.5	-1398.2	-0.0	-0.0	0.0	-12024.1
	115	-73612.5	1398.2	0.0	0.0	0.0	0.0
44	15	81352.5	1375.7	0.0	0.0	-0.0	11830.6
	115	-73612.5	-1375.7	-0.0	-0.0	0.0	0.0
45	15	77447.7	-0.0	3108.6	-0.0	-26734.2	-0.0
	115	-69707.7	0.0	-3108.6	0.0	0.0	0.0
46	15	77447.7	0.0	-3108.6	0.0	26734.2	0.0
	115	-69707.7	-0.0	3108.6	-0.0	0.0	0.0
47	15	77447.7	-2330.3	-0.0	-0.0	0.0	-20040.2
	115	-69707.7	2330.3	0.0	0.0	0.0	0.0
48	15	77447.7	2292.8	0.0	0.0	-0.0	19717.7
	115	-69707.7	-2292.8	-0.0	-0.0	0.0	0.0
49	15	75104.8	0.0	0.0	0.0	0.0	0.0
	115	-67364.8	0.0	0.0	0.0	0.0	0.0
50	15	73542.9	-0.0	621.7	-0.0	-5346.8	-0.0
	115	-65802.9	0.0	-621.7	0.0	0.0	0.0
51	15	73542.9	0.0	-621.7	0.0	5346.8	0.0
	115	-65802.9	-0.0	621.7	-0.0	0.0	0.0
52	15	73542.9	-466.1	-0.0	-0.0	0.0	-4008.0
	115	-65802.9	466.1	0.0	0.0	0.0	0.0
53	15	73542.9	458.6	0.0	0.0	-0.0	3943.5
	115	-65802.9	-458.6	-0.0	-0.0	0.0	0.0
54	15	73542.9	0.0	0.0	0.0	0.0	0.0
	115	-65802.9	0.0	0.0	0.0	0.0	0.0
55	15	73542.9	-2163.5	3269.0	-1609.4	-28113.4	-18605.8
	115	-65802.9	2163.5	-3269.0	1609.4	0.0	0.0
56	15	73542.9	-1928.6	4037.8	-952.3	-34725.0	-16586.1
	115	-65802.9	1928.6	-4037.8	952.3	0.0	0.0
57	15	73542.9	425.8	2817.9	-1994.9	-24234.4	3661.9
	115	-65802.9	-425.8	-2817.9	1994.9	0.0	0.0
58	15	73542.9	660.7	3586.7	-1337.9	-30846.0	5681.6
	115	-65802.9	-660.7	-3586.7	1337.9	0.0	0.0
59	15	73542.9	-660.7	5454.0	1337.9	-46904.4	-5681.6
	115	-65802.9	660.7	-5454.0	-1337.9	0.0	0.0
60	15	73542.9	-425.8	6222.8	1994.9	-53516.0	-3661.9
	115	-65802.9	425.8	-6222.8	-1994.9	0.0	0.0
61	15	73542.9	1928.6	5002.9	952.3	-43025.4	16586.1
	115	-65802.9	-1928.6	-5002.9	-952.3	0.0	0.0

62	15	73542.9	2163.5	5771.7	1609.4	-49637.0	18605.8
	115	-65802.9	-2163.5	-5771.7	-1609.4	0.0	0.0
63	15	73542.9	-2163.5	-5771.7	-1609.4	49637.0	-18605.8
	115	-65802.9	2163.5	5771.7	1609.4	0.0	0.0
64	15	73542.9	-1928.6	-5003.0	-952.3	43025.4	-16586.1
	115	-65802.9	1928.6	5003.0	952.3	0.0	0.0
65	15	73542.9	425.8	-6222.8	-1994.9	53516.0	3661.9
	115	-65802.9	-425.8	6222.8	1994.9	0.0	0.0
66	15	73542.9	660.7	-5454.0	-1337.9	46904.4	5681.6
	115	-65802.9	-660.7	5454.0	1337.9	0.0	0.0
67	15	73542.9	-660.7	-3586.7	1337.9	30846.0	-5681.6
	115	-65802.9	660.7	3586.7	-1337.9	0.0	0.0
68	15	73542.9	-425.8	-2817.9	1994.9	24234.4	-3661.9
	115	-65802.9	425.8	2817.9	-1994.9	0.0	0.0
69	15	73542.9	1928.6	-4037.8	952.3	34725.0	16586.0
	115	-65802.9	-1928.6	4037.8	-952.3	0.0	0.0
70	15	73542.9	2163.5	-3269.0	1609.4	28113.4	18605.8
	115	-65802.9	-2163.5	3269.0	-1609.4	0.0	0.0
71	15	73542.9	-4932.3	498.8	-894.7	-4289.6	-42417.6
	115	-65802.9	4932.3	-498.8	894.7	0.0	0.0
72	15	73542.9	-4481.4	1154.3	-10.5	-9926.9	-38540.3
	115	-65802.9	4481.4	-1154.3	10.5	0.0	0.0
73	15	73542.9	-4932.3	-2213.4	-894.7	19035.5	-42417.6
	115	-65802.9	4932.3	2213.4	894.7	0.0	0.0
74	15	73542.9	-4481.4	-1557.9	-10.5	13398.2	-38540.3
	115	-65802.9	4481.4	1557.9	10.5	0.0	0.0
75	15	73542.9	-4149.4	3061.4	1295.6	-26328.4	-35685.2
	115	-65802.9	4149.4	-3061.4	-1295.6	0.0	0.0
76	15	73542.9	-3698.6	3716.9	2179.8	-31965.7	-31808.0
	115	-65802.9	3698.6	-3716.9	-2179.8	0.0	0.0
77	15	73542.9	-4149.4	349.2	1295.6	-3003.2	-35685.2
	115	-65802.9	4149.4	-349.2	-1295.6	0.0	0.0
78	15	73542.9	-3698.6	1004.7	2179.8	-8640.5	-31808.0
	115	-65802.9	3698.6	-1004.7	-2179.8	0.0	0.0
79	15	73542.9	3698.6	-1004.7	-2179.8	8640.6	31808.0
	115	-65802.9	-3698.6	1004.7	2179.8	0.0	0.0
80	15	73542.9	4149.4	-349.2	-1295.6	3003.3	35685.2
	115	-65802.9	-4149.4	349.2	1295.6	0.0	0.0
81	15	73542.9	3698.6	-3716.9	-2179.8	31965.7	31808.0
	115	-65802.9	-3698.6	3716.9	2179.8	0.0	0.0
82	15	73542.9	4149.4	-3061.4	-1295.6	26328.4	35685.2
	115	-65802.9	-4149.4	3061.4	1295.6	0.0	0.0
83	15	73542.9	4481.4	1557.9	10.5	-13398.2	38540.3
	115	-65802.9	-4481.4	-1557.9	-10.5	0.0	0.0
84	15	73542.9	4932.3	2213.4	894.7	-19035.5	42417.6
	115	-65802.9	-4932.3	-2213.4	-894.7	0.0	0.0
85	15	73542.9	4481.4	-1154.3	10.5	9926.9	38540.3
	115	-65802.9	-4481.4	1154.3	-10.5	0.0	0.0
86	15	73542.9	4932.3	-498.8	894.7	4289.6	42417.6
	115	-65802.9	-4932.3	498.8	-894.7	0.0	0.0
1	16	59374.4	-0.0	2797.8	-0.0	-24060.8	-0.0
	116	-49312.4	0.0	-2797.8	0.0	0.0	0.0
2	16	59374.4	0.0	-2797.8	0.0	24060.8	0.0
	116	-49312.4	-0.0	2797.8	-0.0	0.0	0.0
3	16	59374.4	-2097.2	-0.0	-0.0	0.0	-18036.1
	116	-49312.4	2097.2	0.0	0.0	0.0	0.0
4	16	59374.4	2063.5	0.0	0.0	-0.0	17745.9
	116	-49312.4	-2063.5	-0.0	-0.0	0.0	0.0
5	16	56445.8	-0.0	4662.9	-0.0	-40101.3	-0.0
	116	-46383.8	0.0	-4662.9	0.0	0.0	0.0
6	16	56445.8	0.0	-4662.9	0.0	40101.3	0.0
	116	-46383.8	-0.0	4662.9	-0.0	0.0	0.0
7	16	56445.8	-3495.4	-0.0	-0.0	0.0	-30060.2
	116	-46383.8	3495.4	0.0	0.0	0.0	0.0

8	16	56445.8	3439.1	0.0	0.0	-0.0	29576.5
	116	-46383.8	-3439.1	-0.0	-0.0	0.0	0.0
9	16	40641.4	-2863.3	3169.7	-1560.5	-27259.6	-24624.5
	116	-32901.4	2863.3	-3169.7	1560.5	0.0	0.0
10	16	40641.4	-2443.5	3915.2	-923.4	-33670.4	-21014.5
	116	-32901.4	2443.5	-3915.2	923.4	0.0	0.0
11	16	40641.4	-436.0	2732.4	-1934.4	-23498.3	-3749.9
	116	-32901.4	436.0	-2732.4	1934.4	0.0	0.0
12	16	40641.4	-16.3	3477.8	-1297.2	-29909.2	-139.8
	116	-32901.4	16.3	-3477.8	1297.2	0.0	0.0
13	16	40641.4	16.3	5288.4	1297.2	-45479.9	139.8
	116	-32901.4	-16.3	-5288.4	-1297.2	0.0	0.0
14	16	40641.4	436.0	6033.8	1934.4	-51890.7	3749.9
	116	-32901.4	-436.0	-6033.8	-1934.4	0.0	0.0
15	16	40641.4	2443.5	4851.0	923.4	-41718.7	21014.5
	116	-32901.4	-2443.5	-4851.0	-923.4	0.0	0.0
16	16	40641.4	2863.3	5596.5	1560.6	-48129.5	24624.5
	116	-32901.4	-2863.3	-5596.5	-1560.6	0.0	0.0
17	16	40641.4	-2863.3	-5596.5	-1560.5	48129.5	-24624.5
	116	-32901.4	2863.3	5596.5	1560.5	0.0	0.0
18	16	40641.4	-2443.5	-4851.0	-923.4	41718.7	-21014.5
	116	-32901.4	2443.5	4851.0	923.4	0.0	0.0
19	16	40641.4	-436.0	-6033.8	-1934.4	51890.7	-3749.9
	116	-32901.4	436.0	6033.8	1934.4	0.0	0.0
20	16	40641.4	-16.3	-5288.4	-1297.2	45479.9	-139.8
	116	-32901.4	16.3	5288.4	1297.2	0.0	0.0
21	16	40641.4	16.3	-3477.8	1297.2	29909.2	139.8
	116	-32901.4	-16.3	3477.8	-1297.2	0.0	0.0
22	16	40641.4	436.0	-2732.4	1934.4	23498.3	3749.8
	116	-32901.4	-436.0	2732.4	-1934.4	0.0	0.0
23	16	40641.4	2443.5	-3915.2	923.4	33670.4	21014.4
	116	-32901.4	-2443.5	3915.2	-923.4	0.0	0.0
24	16	40641.4	2863.3	-3169.7	1560.5	27259.6	24624.5
	116	-32901.4	-2863.3	3169.7	-1560.5	0.0	0.0
25	16	40641.4	-5177.0	483.6	-867.5	-4159.3	-44522.4
	116	-32901.4	5177.0	-483.6	867.5	0.0	0.0
26	16	40641.4	-4313.2	1119.2	-10.2	-9625.4	-37093.1
	116	-32901.4	4313.2	-1119.2	10.2	0.0	0.0
27	16	40641.4	-5177.0	-2146.2	-867.5	18457.4	-44522.4
	116	-32901.4	5177.0	2146.2	867.5	0.0	0.0
28	16	40641.4	-4313.2	-1510.6	-10.2	12991.3	-37093.2
	116	-32901.4	4313.2	1510.6	10.2	0.0	0.0
29	16	40641.4	-3777.8	2968.5	1256.2	-25528.8	-32489.0
	116	-32901.4	3777.8	-2968.5	-1256.2	0.0	0.0
30	16	40641.4	-2913.9	3604.1	2113.6	-30994.8	-25059.7
	116	-32901.4	2913.9	-3604.1	-2113.6	0.0	0.0
31	16	40641.4	-3777.8	338.6	1256.2	-2912.0	-32489.0
	116	-32901.4	3777.8	-338.6	-1256.2	0.0	0.0
32	16	40641.4	-2913.9	974.2	2113.6	-8378.1	-25059.7
	116	-32901.4	2913.9	-974.2	-2113.6	0.0	0.0
33	16	40641.4	2913.9	-974.2	-2113.6	8378.1	25059.7
	116	-32901.4	-2913.9	974.2	2113.6	0.0	0.0
34	16	40641.4	3777.8	-338.6	-1256.2	2912.0	32489.0
	116	-32901.4	-3777.8	338.6	1256.2	0.0	0.0
35	16	40641.4	2913.9	-3604.1	-2113.6	30994.9	25059.7
	116	-32901.4	-2913.9	3604.1	2113.6	0.0	0.0
36	16	40641.4	3777.8	-2968.5	-1256.2	25528.8	32489.0
	116	-32901.4	-3777.8	2968.5	1256.2	0.0	0.0
37	16	40641.4	4313.2	1510.6	10.2	-12991.3	37093.2
	116	-32901.4	-4313.2	-1510.6	-10.2	0.0	0.0
38	16	40641.4	5177.0	2146.2	867.5	-18457.4	44522.4
	116	-32901.4	-5177.0	-2146.2	-867.5	0.0	0.0
39	16	40641.4	4313.2	-1119.2	10.2	9625.4	37093.1
	116	-32901.4	-4313.2	1119.2	-10.2	0.0	0.0
40	16	40641.4	5177.0	-483.6	867.5	4159.3	44522.4

	116	-32901.4	-5177.0	483.6	-867.5	0.0	0.0
41	16	44546.2	-0.0	1865.2	-0.0	-16040.5	-0.0
	116	-36806.2	0.0	-1865.2	0.0	0.0	0.0
42	16	44546.2	0.0	-1865.2	0.0	16040.5	0.0
	116	-36806.2	-0.0	1865.2	-0.0	0.0	0.0
43	16	44546.2	-1398.2	-0.0	-0.0	0.0	-12024.1
	116	-36806.2	1398.2	0.0	0.0	0.0	0.0
44	16	44546.2	1375.7	0.0	0.0	-0.0	11830.6
	116	-36806.2	-1375.7	-0.0	-0.0	0.0	0.0
45	16	42593.8	-0.0	3108.6	-0.0	-26734.2	-0.0
	116	-34853.8	0.0	-3108.6	0.0	0.0	0.0
46	16	42593.8	0.0	-3108.6	0.0	26734.2	0.0
	116	-34853.8	-0.0	3108.6	-0.0	0.0	0.0
47	16	42593.8	-2330.3	-0.0	-0.0	0.0	-20040.2
	116	-34853.8	2330.3	0.0	0.0	0.0	0.0
48	16	42593.8	2292.8	0.0	0.0	-0.0	19717.7
	116	-34853.8	-2292.8	-0.0	-0.0	0.0	0.0
49	16	41422.4	0.0	0.0	0.0	0.0	0.0
	116	-33682.4	0.0	0.0	0.0	0.0	0.0
50	16	40641.4	-0.0	621.7	-0.0	-5346.8	-0.0
	116	-32901.4	0.0	-621.7	0.0	0.0	0.0
51	16	40641.4	0.0	-621.7	0.0	5346.8	0.0
	116	-32901.4	-0.0	621.7	-0.0	0.0	0.0
52	16	40641.4	-466.1	-0.0	-0.0	0.0	-4008.0
	116	-32901.4	466.1	0.0	0.0	0.0	0.0
53	16	40641.4	458.6	0.0	0.0	-0.0	3943.5
	116	-32901.4	-458.6	-0.0	-0.0	0.0	0.0
54	16	40641.4	0.0	0.0	0.0	0.0	0.0
	116	-32901.4	0.0	0.0	0.0	0.0	0.0
55	16	40641.4	-2953.0	3269.0	-1609.4	-28113.4	-25395.8
	116	-32901.4	2953.0	-3269.0	1609.4	0.0	0.0
56	16	40641.4	-2520.1	4037.8	-952.3	-34725.0	-21672.7
	116	-32901.4	2520.1	-4037.8	952.3	0.0	0.0
57	16	40641.4	-449.7	2817.9	-1994.9	-24234.4	-3867.3
	116	-32901.4	449.7	-2817.9	1994.9	0.0	0.0
58	16	40641.4	-16.8	3586.7	-1337.9	-30846.0	-144.2
	116	-32901.4	16.8	-3586.7	1337.9	0.0	0.0
59	16	40641.4	16.8	5454.0	1337.9	-46904.4	144.2
	116	-32901.4	-16.8	-5454.0	-1337.9	0.0	0.0
60	16	40641.4	449.7	6222.8	1994.9	-53516.0	3867.3
	116	-32901.4	-449.7	-6222.8	-1994.9	0.0	0.0
61	16	40641.4	2520.1	5002.9	952.3	-43025.4	21672.7
	116	-32901.4	-2520.1	-5002.9	-952.3	0.0	0.0
62	16	40641.4	2953.0	5771.7	1609.4	-49637.0	25395.8
	116	-32901.4	-2953.0	-5771.7	-1609.4	0.0	0.0
63	16	40641.4	-2953.0	-5771.7	-1609.4	49637.0	-25395.8
	116	-32901.4	2953.0	5771.7	1609.4	0.0	0.0
64	16	40641.4	-2520.1	-5003.0	-952.3	43025.4	-21672.7
	116	-32901.4	2520.1	5003.0	952.3	0.0	0.0
65	16	40641.4	-449.7	-6222.8	-1994.9	53516.0	-3867.3
	116	-32901.4	449.7	6222.8	1994.9	0.0	0.0
66	16	40641.4	-16.8	-5454.0	-1337.9	46904.4	-144.2
	116	-32901.4	16.8	5454.0	1337.9	0.0	0.0
67	16	40641.4	16.8	-3586.7	1337.9	30846.0	144.2
	116	-32901.4	-16.8	3586.7	-1337.9	0.0	0.0
68	16	40641.4	449.7	-2817.9	1994.9	24234.4	3867.3
	116	-32901.4	-449.7	2817.9	-1994.9	0.0	0.0
69	16	40641.4	2520.1	-4037.8	952.3	34725.0	21672.7
	116	-32901.4	-2520.1	4037.8	-952.3	0.0	0.0
70	16	40641.4	2953.0	-3269.0	1609.4	28113.4	25395.8
	116	-32901.4	-2953.0	3269.0	-1609.4	0.0	0.0
71	16	40641.4	-5339.2	498.8	-894.7	-4289.6	-45917.0
	116	-32901.4	5339.2	-498.8	894.7	0.0	0.0
72	16	40641.4	-4448.3	1154.3	-10.5	-9926.9	-38255.0
	116	-32901.4	4448.3	-1154.3	10.5	0.0	0.0

73	16	40641.4	-5339.2	-2213.4	-894.7	19035.5	-45917.0
	116	-32901.4	5339.2	2213.4	894.7	0.0	0.0
74	16	40641.4	-4448.3	-1557.9	-10.5	13398.2	-38255.0
	116	-32901.4	4448.3	1557.9	10.5	0.0	0.0
75	16	40641.4	-3896.1	3061.4	1295.6	-26328.4	-33506.6
	116	-32901.4	3896.1	-3061.4	-1295.6	0.0	0.0
76	16	40641.4	-3005.2	3716.9	2179.8	-31965.7	-25844.6
	116	-32901.4	3005.2	-3716.9	-2179.8	0.0	0.0
77	16	40641.4	-3896.1	349.2	1295.6	-3003.2	-33506.6
	116	-32901.4	3896.1	-349.2	-1295.6	0.0	0.0
78	16	40641.4	-3005.2	1004.7	2179.8	-8640.5	-25844.6
	116	-32901.4	3005.2	-1004.7	-2179.8	0.0	0.0
79	16	40641.4	3005.2	-1004.7	-2179.8	8640.6	25844.6
	116	-32901.4	-3005.2	1004.7	2179.8	0.0	0.0
80	16	40641.4	3896.1	-349.2	-1295.6	3003.3	33506.6
	116	-32901.4	-3896.1	349.2	1295.6	0.0	0.0
81	16	40641.4	3005.2	-3716.9	-2179.8	31965.7	25844.6
	116	-32901.4	-3005.2	3716.9	2179.8	0.0	0.0
82	16	40641.4	3896.1	-3061.4	-1295.6	26328.4	33506.6
	116	-32901.4	-3896.1	3061.4	1295.6	0.0	0.0
83	16	40641.4	4448.3	1557.9	10.5	-13398.2	38255.0
	116	-32901.4	-4448.3	-1557.9	-10.5	0.0	0.0
84	16	40641.4	5339.2	2213.4	894.7	-19035.5	45917.0
	116	-32901.4	-5339.2	-2213.4	-894.7	0.0	0.0
85	16	40641.4	4448.3	-1154.3	10.5	9926.9	38255.0
	116	-32901.4	-4448.3	1154.3	-10.5	0.0	0.0
86	16	40641.4	5339.2	-498.8	894.7	4289.6	45917.0
	116	-32901.4	-5339.2	498.8	-894.7	0.0	0.0

- En.Ex.Sys. WinStrand
- Dati relativi ai nodi della struttura
- Dati relativi ai solai della struttura
- Elementi tipo pilastro
- Elementi tipo trave
- Condizioni e combinazioni di carico
- Carichi e coppie applicati ai nodi
- Carichi e coppie applicati ai solai
- Dati relativi alle aree di carico
- Carichi applicati agli elementi
- Analisi dinamica
- Spostamenti nodali
- Sollecitazioni nei pilastri

CORPO 3A

- En.Ex.Sys. WinStrand

- Structural Analisys & Design

Ditta produttrice:
En.Ex.Sys. s.r.l. - Via Tizzano 46/2 - Casalecchio di Reno (Bologna)

Sigla:
WinStrand

Piattaforma software:
Microsoft Windows XP Home, Microsoft Windows XP Home Professional

Documentazione in uso:
Manuale teorico - Manuale d'uso

Campo di applicazione:
Analisi statica e dinamica di strutture in campo elastico lineare.

- Elementi finiti implementati

- Truss.
- Beam (Modellazione di Travi e Pilastri).
- Travi su suolo elastico alla Winckler.
- Plinti su suolo elastico alla Winckler.
- Elementi Shear Wall per la modellazione di pareti di taglio.
- Elementi shell (lastra/piastra) equivalenti.
- Elementi Isoparametrici a 8 Nodi Shell (lastra/piastra).

- Schemi di Carico

- Carichi nodali concentrati.
- Carichi applicati direttamente agli elementi.
- Carichi Superficiali.

- Tipo di Risoluzione

- Analisi statica e/o dinamica in campo lineare con il metodo dell'equilibrio.
- Fattorizzazione LDL^T.
- Analisi Statica:
  - modellazione generale 6 gradi di libertà per nodo.
  - ipotesi di solai infinitamente rigidi nel proprio piano (3 gradi di libertà per nodo + 3 per impalcato).
- Analisi dinamica. (Nel caso di analisi modale gli autovettori ed autovalori possono essere calcolati mediante *subspace iteration* oppure tramite il *metodo dei vettori di Ritz*):
  - Via statica equivalente.
  - Modale con il metodo dello spettro di risposta.

- Normativa di riferimento

La normativa italiana cui viene fatto riferimento nelle fasi di calcolo e progettazione è la seguente:

- Legge n. 1086 del 5 Novembre 1971. *"Norme per la disciplina delle opere di conglomerato cementizio armato, normale e precompresso, ed a struttura metallica".*
- Legge n. 64 del 2 Febbraio 1974. *"Provvedimenti per le costruzioni con particolari prescrizioni per le zone sismiche".*
- D.M. del 3 Marzo 1975. *"Approvazione delle norme tecniche per le costruzioni in zone sismiche".*
- D.M. del 3 Marzo 1975. *"Disposizioni concernenti l'applicazione delle norme tecniche per le costruzioni in zone sismiche".*
- D.M. del 3 Ottobre 1978. *"Criteri generali per la verifica della sicurezza delle costruzioni e dei carichi e sovraccarichi".*
- D.M. del 14 Febbraio 1992. *"Norme Tecniche per l'esecuzione delle opere in C.A. normale e precompresso e per le strutture metalliche".*
- *Istruzioni per la valutazione delle: Azioni sulle Costruzioni.* (C.N.R. 10012/85)
- D.M. del 9 Gennaio 1996. *"Norme Tecniche per il calcolo, l'esecuzione ed il collaudo delle strutture in cemento armato, normale e precompresso e per le strutture metalliche".*
- D.M. del 16 Gennaio 1996. *"Norme tecniche relative ai «Criteri generali per la verifica di sicurezza delle costruzioni e dei carichi e sovraccarichi»".*
- D.M del 16 Gennaio 1996. *"Norme tecniche per le costruzioni in zone sismiche"*
- Ordinanza n. 3274 del 20 Marzo 2003. *"Primi elementi in materia di criteri generali per la classificazione sismica del territorio nazionale e di normative tecniche per le costruzioni in zona sismica"*
- Ordinanza n. 3316. *"Modifiche ed integrazioni all'ordinanza del Presidente del Consiglio dei Ministri n. 3274 del 20 Marzo 2003"*
- D.M. del 14 Gennaio 2008 *"Approvazione delle nuove norme tecniche per le costruzioni"*

- Indice

- Dati relativi ai nodi della struttura
- Dati relativi ai solai della struttura
- Elementi tipo pilastro
- Elementi tipo trave
- Condizioni e combinazioni di carico
- Carichi e coppie applicati ai nodi
- Carichi e coppie applicati ai solai
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- Dati relativi ai nodi della struttura

- Convenzioni adottate

La terna di riferimento generale è destrorsa.

I nodi vengono numerati, con riferimento a una sezione orizzontale, da sinistra a destra, dal basso verso l'alto e per quote crescenti.

L'impalcato di appartenenza di un nodo è definito, in generale, dalla prima delle tre cifre che ne definiscono il numero, possono tuttavia presentarsi casi in cui si hanno più di 100 nodi per solaio nel qual caso il solaio di appartenenza è specificato dall'ultimo valore stampato nella riga dei dati relativi al nodo.

La maschera dei vincoli è costituita dai valori 0 e 1. Il valore 1 indica che per il nodo in riferimento il grado di libertà correlativo è soppresso mentre il valore 0 indica che è libero.

Nel caso di edifici civili multipiano l'asse *z* generale coincide con l'asse verticale rivolto verso l'alto.

- Nodi

Nodo	x [m]	y [m]	z [m]	Ux	Uy	Uz	Rx	Ry	Rz	Solaio
1	-0.00	0.00	0.00	1	1	1	1	1	1	0
2	12.00	0.00	0.00	1	1	1	1	1	1	0
3	24.00	0.00	0.00	1	1	1	1	1	1	0
4	36.00	0.00	0.00	1	1	1	1	1	1	0
5	48.00	0.00	0.00	1	1	1	1	1	1	0
6	60.00	0.00	0.00	1	1	1	1	1	1	0
7	72.00	0.00	0.00	1	1	1	1	1	1	0
8	-0.00	16.27	0.00	1	1	1	1	1	1	0
9	12.00	16.27	0.00	1	1	1	1	1	1	0
10	24.00	16.27	0.00	1	1	1	1	1	1	0
11	36.00	16.27	0.00	1	1	1	1	1	1	0
12	48.00	16.27	0.00	1	1	1	1	1	1	0
13	60.00	16.27	0.00	1	1	1	1	1	1	0
14	72.00	16.27	0.00	1	1	1	1	1	1	0
15	-0.00	32.53	0.00	1	1	1	1	1	1	0
16	12.00	32.53	0.00	1	1	1	1	1	1	0

17	24.00	32.53	0.00	1	1	1	1	1	1	0
18	36.00	32.53	0.00	1	1	1	1	1	1	0
19	48.00	32.53	0.00	1	1	1	1	1	1	0
20	60.00	32.53	0.00	1	1	1	1	1	1	0
21	72.00	32.53	0.00	1	1	1	1	1	1	0
22	-0.00	48.80	0.00	1	1	1	1	1	1	0
23	12.00	48.80	0.00	1	1	1	1	1	1	0
24	24.00	48.80	0.00	1	1	1	1	1	1	0
25	36.00	48.80	0.00	1	1	1	1	1	1	0
26	48.00	48.80	0.00	1	1	1	1	1	1	0
27	60.00	48.80	0.00	1	1	1	1	1	1	0
28	72.00	48.80	0.00	1	1	1	1	1	1	0
101	-0.00	0.00	8.60	0	0	0	1	1	0	1
102	12.00	0.00	8.60	0	0	0	1	1	0	1
103	24.00	0.00	8.60	0	0	0	1	1	0	1
104	36.00	0.00	8.60	0	0	0	1	1	0	1
105	48.00	0.00	8.60	0	0	0	1	1	0	1
106	60.00	0.00	8.60	0	0	0	1	1	0	1
107	72.00	0.00	8.60	0	0	0	1	1	0	1
108	-0.00	16.27	8.60	0	0	0	1	1	0	1
109	12.00	16.27	8.60	0	0	0	1	1	0	1
110	24.00	16.27	8.60	0	0	0	1	1	0	1
111	36.00	16.27	8.60	0	0	0	1	1	0	1
112	48.00	16.27	8.60	0	0	0	1	1	0	1
113	60.00	16.27	8.60	0	0	0	1	1	0	1
114	72.00	16.27	8.60	0	0	0	1	1	0	1
115	-0.00	32.53	8.60	0	0	0	1	1	0	1
116	12.00	32.53	8.60	0	0	0	1	1	0	1
117	24.00	32.53	8.60	0	0	0	1	1	0	1
118	36.00	32.53	8.60	0	0	0	1	1	0	1
119	48.00	32.53	8.60	0	0	0	1	1	0	1
120	60.00	32.53	8.60	0	0	0	1	1	0	1
121	72.00	32.53	8.60	0	0	0	1	1	0	1
122	-0.00	48.80	8.60	0	0	0	1	1	0	1
123	12.00	48.80	8.60	0	0	0	1	1	0	1
124	24.00	48.80	8.60	0	0	0	1	1	0	1
125	36.00	48.80	8.60	0	0	0	1	1	0	1
126	48.00	48.80	8.60	0	0	0	1	1	0	1
127	60.00	48.80	8.60	0	0	0	1	1	0	1
128	72.00	48.80	8.60	0	0	0	1	1	0	1
129	4.05	0.00	8.60	0	0	0	0	0	0	1
130	9.05	0.00	8.60	0	0	0	0	0	0	1
131	14.05	0.00	8.60	0	0	0	0	0	0	1
132	19.05	0.00	8.60	0	0	0	0	0	0	1
133	24.05	0.00	8.60	0	0	0	0	0	0	1
134	29.05	0.00	8.60	0	0	0	0	0	0	1
135	34.05	0.00	8.60	0	0	0	0	0	0	1
136	39.05	0.00	8.60	0	0	0	0	0	0	1
137	44.05	0.00	8.60	0	0	0	0	0	0	1
138	49.05	0.00	8.60	0	0	0	0	0	0	1
139	54.05	0.00	8.60	0	0	0	0	0	0	1
140	59.05	0.00	8.60	0	0	0	0	0	0	1
141	64.05	0.00	8.60	0	0	0	0	0	0	1
142	69.05	0.00	8.60	0	0	0	0	0	0	1
143	4.05	16.27	8.60	0	0	0	0	0	0	1
144	9.05	16.27	8.60	0	0	0	0	0	0	1
145	14.05	16.27	8.60	0	0	0	0	0	0	1
146	19.05	16.27	8.60	0	0	0	0	0	0	1
147	24.05	16.27	8.60	0	0	0	0	0	0	1
148	29.05	16.27	8.60	0	0	0	0	0	0	1
149	34.05	16.27	8.60	0	0	0	0	0	0	1
150	39.05	16.27	8.60	0	0	0	0	0	0	1
151	44.05	16.27	8.60	0	0	0	0	0	0	1
152	49.05	16.27	8.60	0	0	0	0	0	0	1
153	54.05	16.27	8.60	0	0	0	0	0	0	1

154	59.05	16.27	8.60	0	0	0	0	0	0	1
155	64.05	16.27	8.60	0	0	0	0	0	0	1
156	69.05	16.27	8.60	0	0	0	0	0	0	1
157	4.05	32.53	8.60	0	0	0	0	0	0	1
158	9.05	32.53	8.60	0	0	0	0	0	0	1
159	14.05	32.53	8.60	0	0	0	0	0	0	1
160	19.05	32.53	8.60	0	0	0	0	0	0	1
161	24.05	32.53	8.60	0	0	0	0	0	0	1
162	29.05	32.53	8.60	0	0	0	0	0	0	1
163	34.05	32.53	8.60	0	0	0	0	0	0	1
164	39.05	32.53	8.60	0	0	0	0	0	0	1
165	44.05	32.53	8.60	0	0	0	0	0	0	1
166	49.05	32.53	8.60	0	0	0	0	0	0	1
167	54.05	32.53	8.60	0	0	0	0	0	0	1
168	59.05	32.53	8.60	0	0	0	0	0	0	1
169	64.05	32.53	8.60	0	0	0	0	0	0	1
170	69.05	32.53	8.60	0	0	0	0	0	0	1
171	4.05	48.80	8.60	0	0	0	0	0	0	1
172	9.05	48.80	8.60	0	0	0	0	0	0	1
173	14.05	48.80	8.60	0	0	0	0	0	0	1
174	19.05	48.80	8.60	0	0	0	0	0	0	1
175	24.05	48.80	8.60	0	0	0	0	0	0	1
176	29.05	48.80	8.60	0	0	0	0	0	0	1
177	34.05	48.80	8.60	0	0	0	0	0	0	1
178	39.05	48.80	8.60	0	0	0	0	0	0	1
179	44.05	48.80	8.60	0	0	0	0	0	0	1
180	49.05	48.80	8.60	0	0	0	0	0	0	1
181	54.05	48.80	8.60	0	0	0	0	0	0	1
182	59.05	48.80	8.60	0	0	0	0	0	0	1
183	64.05	48.80	8.60	0	0	0	0	0	0	1
184	69.05	48.80	8.60	0	0	0	0	0	0	1
10000	72.00	216.27	0.00	1	1	1	1	1	1	0
10001	12.00	260.60	0.00	1	1	1	1	1	1	0
10002	24.00	260.60	0.00	1	1	1	1	1	1	0
10003	36.00	260.60	0.00	1	1	1	1	1	1	0
10004	48.00	260.60	0.00	1	1	1	1	1	1	0
10005	60.00	260.60	0.00	1	1	1	1	1	1	0
10006	72.00	260.60	0.00	1	1	1	1	1	1	0
10007	72.00	244.33	0.00	1	1	1	1	1	1	0
10008	60.00	244.33	0.00	1	1	1	1	1	1	0
10009	48.00	244.33	0.00	1	1	1	1	1	1	0
10010	36.00	244.33	0.00	1	1	1	1	1	1	0
10011	24.00	244.33	0.00	1	1	1	1	1	1	0
10012	12.00	244.33	0.00	1	1	1	1	1	1	0
10013	12.00	228.07	0.00	1	1	1	1	1	1	0
10014	24.00	228.07	0.00	1	1	1	1	1	1	0
10015	36.00	228.07	0.00	1	1	1	1	1	1	0
10016	48.00	228.07	0.00	1	1	1	1	1	1	0
10017	60.00	228.07	0.00	1	1	1	1	1	1	0
10018	60.00	211.80	0.00	1	1	1	1	1	1	0
10019	48.00	211.80	0.00	1	1	1	1	1	1	0
10020	36.00	211.80	0.00	1	1	1	1	1	1	0
10021	24.00	211.80	0.00	1	1	1	1	1	1	0
10022	12.00	211.80	0.00	1	1	1	1	1	1	0
10023	0.95	48.80	208.60	1	1	1	1	1	1	0
10024	0.95	48.80	208.60	1	1	1	1	1	1	0
10025	0.95	48.80	208.60	1	1	1	1	1	1	0
10026	0.95	48.80	208.60	1	1	1	1	1	1	0
10027	0.95	48.80	208.60	1	1	1	1	1	1	0
10028	0.95	48.80	208.60	1	1	1	1	1	1	0
10029	0.95	48.80	208.60	1	1	1	1	1	1	0
10030	0.95	48.80	208.60	1	1	1	1	1	1	0
10031	0.95	48.80	208.60	1	1	1	1	1	1	0
10032	0.95	48.80	208.60	1	1	1	1	1	1	0
10033	0.95	48.80	208.60	1	1	1	1	1	1	0

10034	0.95	48.80	208.60	1	1	1	1	1	1	0
10035	0.95	48.80	208.60	1	1	1	1	1	1	0
10036	0.95	48.80	208.60	1	1	1	1	1	1	0
10037	0.95	48.80	208.60	1	1	1	1	1	1	0
10038	0.95	48.80	208.60	1	1	1	1	1	1	0
10039	0.95	48.80	208.60	1	1	1	1	1	1	0
10040	0.95	48.80	208.60	1	1	1	1	1	1	0
10041	0.95	48.80	208.60	1	1	1	1	1	1	0
10042	0.95	32.53	208.60	1	1	1	1	1	1	0
10043	0.95	32.53	208.60	1	1	1	1	1	1	0
10044	0.95	32.53	208.60	1	1	1	1	1	1	0
10045	0.95	32.53	208.60	1	1	1	1	1	1	0
10046	0.95	32.53	208.60	1	1	1	1	1	1	0
10047	0.95	32.53	208.60	1	1	1	1	1	1	0
10048	0.95	32.53	208.60	1	1	1	1	1	1	0
10049	0.95	32.53	208.60	1	1	1	1	1	1	0
10050	0.95	32.53	208.60	1	1	1	1	1	1	0
10051	0.95	32.53	208.60	1	1	1	1	1	1	0
10052	0.95	32.53	208.60	1	1	1	1	1	1	0
10053	0.95	32.53	208.60	1	1	1	1	1	1	0
10054	0.95	32.53	208.60	1	1	1	1	1	1	0
10055	0.95	32.53	208.60	1	1	1	1	1	1	0
10056	0.95	32.53	208.60	1	1	1	1	1	1	0
10057	0.95	32.53	208.60	1	1	1	1	1	1	0
10058	0.95	32.53	208.60	1	1	1	1	1	1	0
10059	0.95	32.53	208.60	1	1	1	1	1	1	0
10060	0.95	32.53	208.60	1	1	1	1	1	1	0
10061	0.95	16.27	208.60	1	1	1	1	1	1	0
10062	0.95	16.27	208.60	1	1	1	1	1	1	0
10063	0.95	16.27	208.60	1	1	1	1	1	1	0
10064	0.95	16.27	208.60	1	1	1	1	1	1	0
10065	0.95	16.27	208.60	1	1	1	1	1	1	0
10066	0.95	16.27	208.60	1	1	1	1	1	1	0
10067	0.95	16.27	208.60	1	1	1	1	1	1	0
10068	0.95	16.27	208.60	1	1	1	1	1	1	0
10069	0.95	16.27	208.60	1	1	1	1	1	1	0
10070	0.95	16.27	208.60	1	1	1	1	1	1	0
10071	0.95	16.27	208.60	1	1	1	1	1	1	0
10072	0.95	16.27	208.60	1	1	1	1	1	1	0
10073	0.95	16.27	208.60	1	1	1	1	1	1	0
10074	0.95	16.27	208.60	1	1	1	1	1	1	0
10075	0.95	16.27	208.60	1	1	1	1	1	1	0
10076	0.95	16.27	208.60	1	1	1	1	1	1	0
10077	0.95	16.27	208.60	1	1	1	1	1	1	0
10078	0.95	16.27	208.60	1	1	1	1	1	1	0
10079	0.95	16.27	208.60	1	1	1	1	1	1	0
10080	0.95	0.00	208.60	1	1	1	1	1	1	0
10081	120.00	0.00	204.36	1	1	1	1	1	1	0
10082	-0.95	16.27	208.60	1	1	1	1	1	1	0
10083	-0.95	32.53	208.60	1	1	1	1	1	1	0
10084	-0.95	48.80	208.60	1	1	1	1	1	1	0
10085	-0.00	248.80	0.00	1	1	1	1	1	1	0
10086	69.05	0.00	208.60	1	1	1	1	1	1	0
10087	69.05	16.27	208.60	1	1	1	1	1	1	0
10088	69.05	32.53	208.60	1	1	1	1	1	1	0
10089	64.05	0.00	208.60	1	1	1	1	1	1	0
10090	64.05	16.27	208.60	1	1	1	1	1	1	0
10091	64.05	32.53	208.60	1	1	1	1	1	1	0
10092	59.05	0.00	208.60	1	1	1	1	1	1	0
10093	59.05	16.27	208.60	1	1	1	1	1	1	0
10094	59.05	32.53	208.60	1	1	1	1	1	1	0
10095	54.05	0.00	208.60	1	1	1	1	1	1	0
10096	54.05	16.27	208.60	1	1	1	1	1	1	0
10097	54.05	32.53	208.60	1	1	1	1	1	1	0
10098	49.05	0.00	208.60	1	1	1	1	1	1	0

10099	49.05	16.27	208.60	1	1	1	1	1	1	0
10100	49.05	32.53	208.60	1	1	1	1	1	1	0
10101	44.05	0.00	208.60	1	1	1	1	1	1	0
10102	44.05	16.27	208.60	1	1	1	1	1	1	0
10103	44.05	32.53	208.60	1	1	1	1	1	1	0
10104	39.05	0.00	208.60	1	1	1	1	1	1	0
10105	39.05	16.27	208.60	1	1	1	1	1	1	0
10106	39.05	32.53	208.60	1	1	1	1	1	1	0
10107	34.05	0.00	208.60	1	1	1	1	1	1	0
10108	34.05	16.27	208.60	1	1	1	1	1	1	0
10109	34.05	32.53	208.60	1	1	1	1	1	1	0
10110	29.05	0.00	208.60	1	1	1	1	1	1	0
10111	29.05	16.27	208.60	1	1	1	1	1	1	0
10112	29.05	32.53	208.60	1	1	1	1	1	1	0
10113	24.05	0.00	208.60	1	1	1	1	1	1	0
10114	24.05	16.27	208.60	1	1	1	1	1	1	0
10115	24.05	32.53	208.60	1	1	1	1	1	1	0
10116	19.05	0.00	208.60	1	1	1	1	1	1	0
10117	19.05	16.27	208.60	1	1	1	1	1	1	0
10118	19.05	32.53	208.60	1	1	1	1	1	1	0
10119	14.05	0.00	208.60	1	1	1	1	1	1	0
10120	14.05	16.27	208.60	1	1	1	1	1	1	0
10121	14.05	32.53	208.60	1	1	1	1	1	1	0
10122	9.05	0.00	208.60	1	1	1	1	1	1	0
10123	9.05	16.27	208.60	1	1	1	1	1	1	0
10124	9.05	32.53	208.60	1	1	1	1	1	1	0
10125	4.05	0.00	208.60	1	1	1	1	1	1	0
10126	4.05	16.27	208.60	1	1	1	1	1	1	0
10127	4.05	32.53	208.60	1	1	1	1	1	1	0
10128	72.00	0.00	208.60	1	1	1	1	1	1	0
10129	72.00	32.53	208.60	1	1	1	1	1	1	0
10130	72.00	16.27	208.60	1	1	1	1	1	1	0
10131	0.00	11.60	204.66	1	1	1	1	1	1	0
10132	72.00	200.00	0.00	1	1	1	1	1	1	0

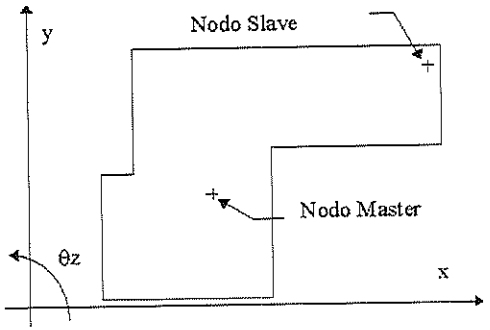
- Dati relativi ai solai della struttura

- Convenzioni adottate

Nel seguito con la dizione *solai* **non** sono individuati i solai che effetivamente verranno realizzati nella struttura bensi gli orizzonatamenti ai quali appartengono nodi per i quali vale l'ipotesi di impalcato infinitamente rigido.

Seguendo tale ipotesi di calcolo, le componenti di spostamento del singolo nodo di impalcato vengono in parte riferite a quelle di un nodo *master*, solitamente coincidente con il centro di massa dell'impalcato. In particolare le componenti di spostamento nodale sono cosi definite:

Componente di spostamento	espressa da
U_x	$U_{xMaster} - {}^0_{zMaster} \times (Y_{Master} - Y_{Nodo})$
U_y	$U_{yMaster} + {}^0_{zMaster} \times (X_{Master} - X_{Nodo})$
U_z	U_{zNodo}
${}^0_x$	${}^0_{xNodo}$
${}^0_y$	${}^0_{yNodo}$
${}^0_z$	${}^0_{zMaster}$



Solaio	x [m]	y [m]	z [m]	Massa [UTM]	Jpolare [UTM m²]
1	34.87	24.40	8.60	157938.2	122376632.0

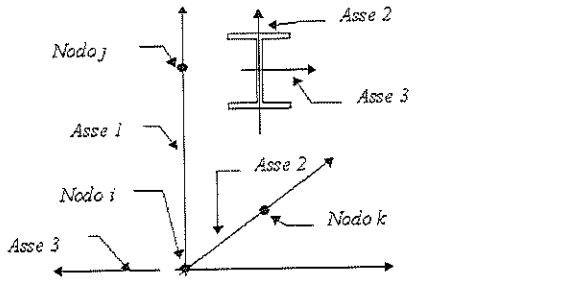
- Elementi tipo pilastro

- Convenzioni adottate

Ogni elemento tipo pilastro viene identificato da:

- Il nodo iniziale **i**;
- Il nodo finale **j**;
- Il nodo **k** che definisce l'orientamento nello spazio della terna riferimento locale dell'elemento.

La terna di riferimento locale del pilastro risulta quindi essere così disposta:



Sistema di riferimento locale

Vengono riportati i valori di efficacia dei vincoli flessionali alle estremità dell'elemento (variabili fra lo **0%** e il **100%**), nei due piani **1-2** e **1-3** del pilastro in corrispondenza dei nodi, dando quindi la possibilità di considerare aste non perfettamente incastrate alle estremità (coefficienti **Vi12 - Vj12 - Vi13 - Vj13**).

In generale, se non diversamente disposto, l'asse 2 coincide, per i pilastri, con l'asse **y** globale e pertanto la disposizione della sezione coincide con quella che si avrebbe in una vista in pianta.

- Caratteristiche dei Materiali:

Tipo	Modulo Elastico [kg/cm²]	v	alfa [1/°C]	Peso Specifico [kg/m³]	Commento

1	200000.0	0.000	0.000001	2500.0	C40/50

- Sezioni Impiegate:

Sezione	Materiale	Tipo di Sezione	Parametri Dimensionali Commenti
1	1	Rett.	B= 60 H= 60 [cm] pil60x60

- Caratteristiche Inerziali:

Sezione	Materiale	Area [cm²]	Jt [cm^4]	J2 [cm^4]	J3 [cm^4]	J23 [cm^4]	Xx	Xy
1	1	3600.00	1821862	1080000	1080000	0	1.2	1.2

Piano	Pilastro	Nodo i	Nodo j	Nodo k	Materiale	Sezione	Luce [m]	Vi12	Vj12	Vi13	Vj13
0	1	1	101	10085	1	1	8.60	100	0	100	0
0	2	2	102	10022	1	1	8.60	100	0	100	0
0	3	3	103	10021	1	1	8.60	100	0	100	0
0	4	4	104	10020	1	1	8.60	100	0	100	0
0	5	5	105	10019	1	1	8.60	100	0	100	0
0	6	6	106	10018	1	1	8.60	100	0	100	0
0	7	7	107	10132	1	1	8.60	100	0	100	0
0	8	8	108	10085	1	1	8.60	100	0	100	0
0	9	9	109	10013	1	1	8.60	100	0	100	0
0	10	10	110	10014	1	1	8.60	100	0	100	0
0	11	11	111	10015	1	1	8.60	100	0	100	0
0	12	12	112	10016	1	1	8.60	100	0	100	0
0	13	13	113	10017	1	1	8.60	100	0	100	0
0	14	14	114	10000	1	1	8.60	100	100	100	100
0	15	15	115	10085	1	1	8.60	100	0	100	0
0	16	16	116	10012	1	1	8.60	100	0	100	0
0	17	17	117	10011	1	1	8.60	100	0	100	0
0	18	18	118	10010	1	1	8.60	100	0	100	0
0	19	19	119	10009	1	1	8.60	100	0	100	0
0	20	20	120	10008	1	1	8.60	100	0	100	0
0	21	21	121	10007	1	1	8.60	100	0	100	0
0	22	22	122	10085	1	1	8.60	100	0	100	0
0	23	23	123	10001	1	1	8.60	100	0	100	0
0	24	24	124	10002	1	1	8.60	100	0	100	0
0	25	25	125	10003	1	1	8.60	100	0	100	0
0	26	26	126	10004	1	1	8.60	100	0	100	0
0	27	27	127	10005	1	1	8.60	100	0	100	0
0	28	28	128	10006	1	1	8.60	100	0	100	0

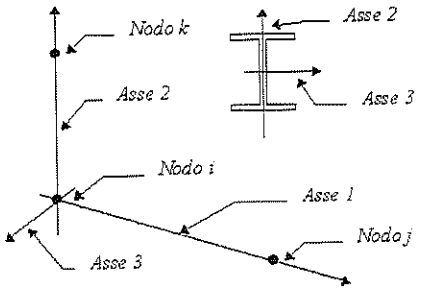
- Elementi tipo trave

- Convenzioni adottate

Ogni elemento tipo trave viene identificato da:

- Il nodo iniziale **i**;
- Il nodo finale **j**;
- Il nodo **k** che definisce l'orientamento nello spazio della terna riferimento locale dell'elemento.

La terna di riferimento locale della trave risulta essere così disposta:



Vengono riportati i valori di efficacia dei vincoli alle estreità dello elemento (variabili fra 0 e 100%), nei due piani **1-2** e **1-3** della trave in corrispondenza dei nodi, dando quindi la possibilità di considerare aste non perfettamente incastrate (coefficienti **Vi12, Vj12, Vi13, Vj13**).

- Caratteristiche dei Materiali:

Tipo	Modulo Elastico [kg/cm²]	v	alfa [1/°C]	Peso Specifico [kg/m³]	Commento
1	200000.0	0.000	0.000001	2500.0	C40/50

- Sezioni Impiegate:

Sezione	Materiale	Tipo di Sezione	Parametri Dimensionali Commenti
1	1	a Tr	B= 60 H= 90 b= 40 h= 30 [cm] TL60(30+60)
2	1	a Tr	B= 80 H= 90 b= 40 h= 30 [cm] TR80(30+60)
3	1	Quals.	mirò
4	1	Quals.	I100
5	1	Quals.	I80
6	1	Rett.	B= 60 H= 35 [cm] mensole
7	1	Rett.	B= 5 H= 5 [cm] aux

- Caratteristiche Inerziali:

Sezione	Materiale	Area [cm²]	Jt [cm^4]	J2 [cm^4]	J3 [cm^4]	J23 [cm^4]	Xx	Xy
1	1	4200.00	2048323	2937857	860000	-0	1.2	1.2
2	1	4800.00	2691894	3329999	1600000	0	1.2	1.2
3	1	2550.00	370716	11618800	1361950	0	1.2	1.2
4	1	3050.00	789387	3476040	394792	0	1.2	1.2
5	1	2650.00	789387	1902710	381458	0	1.2	1.2
6	1	2100.00	531767	214375	630000	0	1.2	1.2
7	1	25.00	88	52	52	0	1.2	1.2

Travata	Trave	Nodo i	Nodo j	Nodo k	Materiale	Sezione	Luce [m]	Vi12	Vj12	Vi13	Vj13
101	1	101	129	10081	1	5	4.05	0	100	0	100
101	2	129	130	10080	1	5	5.00	100	100	100	100
101	3	130	102	10080	1	5	2.95	100	0	100	0
101	4	102	131	10080	1	5	2.05	0	100	0	100
101	5	131	132	10080	1	5	5.00	100	100	100	100
101	6	132	103	10080	1	5	4.95	100	0	100	0
101	7	103	133	10080	1	5	0.05	0	100	0	100
101	8	133	134	10080	1	5	5.00	100	100	100	100
101	9	134	135	10080	1	5	5.00	100	100	100	100
101	10	135	104	10080	1	5	1.95	100	0	100	0
101	11	104	136	10080	1	5	3.05	0	100	0	100
101	12	136	137	10080	1	5	5.00	100	100	100	100

101	13	137	105	10080	1	5	3.95	100	0	100	0
101	14	105	138	10080	1	5	1.05	0	100	0	100
101	15	138	139	10080	1	5	5.00	100	100	100	100
101	16	139	140	10080	1	5	5.00	100	100	100	100
101	17	140	106	10080	1	5	0.95	100	0	100	0
101	18	106	141	10080	1	5	4.05	0	100	0	100
101	19	141	142	10080	1	5	5.00	100	100	100	100
101	20	142	107	10080	1	5	2.95	100	0	100	0
102	1	108	143	10082	1	4	4.05	0	100	0	100
102	2	143	144	10079	1	4	5.00	100	100	100	100
102	3	144	109	10078	1	4	2.95	100	0	100	0
102	4	109	145	10077	1	4	2.05	0	100	0	100
102	5	145	146	10076	1	4	5.00	100	100	100	100
102	6	146	110	10075	1	4	4.95	100	0	100	0
102	7	110	147	10074	1	4	0.05	0	100	0	100
102	8	147	148	10073	1	4	5.00	100	100	100	100
102	9	148	149	10072	1	4	5.00	100	100	100	100
102	10	149	111	10071	1	4	1.95	100	0	100	0
102	11	111	150	10070	1	4	3.05	0	100	0	100
102	12	150	151	10069	1	4	5.00	100	100	100	100
102	13	151	112	10068	1	4	3.95	100	0	100	0
102	14	112	152	10067	1	4	1.05	0	100	0	100
102	15	152	153	10066	1	4	5.00	100	100	100	100
102	16	153	154	10065	1	4	5.00	100	100	100	100
102	17	154	113	10064	1	4	0.95	100	0	100	0
102	18	113	155	10063	1	4	4.05	0	100	0	100
102	19	155	156	10062	1	4	5.00	100	100	100	100
102	20	156	114	10061	1	4	2.95	100	0	100	0
103	1	115	157	10083	1	4	4.05	0	100	0	100
103	2	157	158	10042	1	4	5.00	100	100	100	100
103	3	158	116	10043	1	4	2.95	100	0	100	0
103	4	116	159	10044	1	4	2.05	0	100	0	100
103	5	159	160	10045	1	4	5.00	100	100	100	100
103	6	160	117	10046	1	4	4.95	100	0	100	0
103	7	117	161	10047	1	4	0.05	0	100	0	100
103	8	161	162	10048	1	4	5.00	100	100	100	100
103	9	162	163	10049	1	4	5.00	100	100	100	100
103	10	163	118	10050	1	4	1.95	100	0	100	0
103	11	118	164	10051	1	4	3.05	0	100	0	100
103	12	164	165	10052	1	4	5.00	100	100	100	100
103	13	165	119	10053	1	4	3.95	100	0	100	0
103	14	119	166	10054	1	4	1.05	0	100	0	100
103	15	166	167	10055	1	4	5.00	100	100	100	100
103	16	167	168	10056	1	4	5.00	100	100	100	100
103	17	168	120	10057	1	4	0.95	100	0	100	0
103	18	120	169	10058	1	4	4.05	0	100	0	100
103	19	169	170	10059	1	4	5.00	100	100	100	100
103	20	170	121	10060	1	4	2.95	100	0	100	0
104	1	122	171	10084	1	5	4.05	0	100	0	100
104	2	171	172	10041	1	5	5.00	100	100	100	100
104	3	172	123	10040	1	5	2.95	100	0	100	0
104	4	123	173	10039	1	5	2.05	0	100	0	100
104	5	173	174	10038	1	5	5.00	100	100	100	100
104	6	174	124	10037	1	5	4.95	100	0	100	0
104	7	124	175	10036	1	5	0.05	0	100	0	100
104	8	175	176	10035	1	5	5.00	100	100	100	100
104	9	176	177	10034	1	5	5.00	100	100	100	100
104	10	177	125	10033	1	5	1.95	100	0	100	0
104	11	125	178	10032	1	5	3.05	0	100	0	100
104	12	178	179	10031	1	5	5.00	100	100	100	100
104	13	179	126	10030	1	5	3.95	100	0	100	0
104	14	126	180	10029	1	5	1.05	0	100	0	100
104	15	180	181	10028	1	5	5.00	100	100	100	100
104	16	181	182	10027	1	5	5.00	100	100	100	100
104	17	182	127	10026	1	5	0.95	100	0	100	0

104	18	127	183	10025	1	5	4.05	0	100	0	100
104	19	183	184	10024	1	5	5.00	100	100	100	100
104	20	184	128	10023	1	5	2.95	100	0	100	0
105	1	101	108	10131	1	7	16.27	0	0	0	0
105	2	108	115	10131	1	7	16.26	0	0	0	0
105	3	115	122	10131	1	7	16.27	0	0	0	0
106	1	129	143	10125	1	3	16.27	0	0	0	0
106	2	143	157	10126	1	3	16.26	0	0	0	0
106	3	157	171	10127	1	3	16.27	0	0	0	0
107	1	130	144	10122	1	3	16.27	0	0	0	0
107	2	144	158	10123	1	3	16.26	0	0	0	0
107	3	158	172	10124	1	3	16.27	0	0	0	0
108	1	131	145	10119	1	3	16.27	0	0	0	0
108	2	145	159	10120	1	3	16.26	0	0	0	0
108	3	159	173	10121	1	3	16.27	0	0	0	0
109	1	132	146	10116	1	3	16.27	0	0	0	0
109	2	146	160	10117	1	3	16.26	0	0	0	0
109	3	160	174	10118	1	3	16.27	0	0	0	0
110	1	133	147	10113	1	3	16.27	0	0	0	0
110	2	147	161	10114	1	3	16.26	0	0	0	0
110	3	161	175	10115	1	3	16.27	0	0	0	0
111	1	134	148	10110	1	3	16.27	0	0	0	0
111	2	148	162	10111	1	3	16.26	0	0	0	0
111	3	162	176	10112	1	3	16.27	0	0	0	0
112	1	135	149	10107	1	3	16.27	0	0	0	0
112	2	149	163	10108	1	3	16.26	0	0	0	0
112	3	163	177	10109	1	3	16.27	0	0	0	0
113	1	136	150	10104	1	3	16.27	0	0	0	0
113	2	150	164	10105	1	3	16.26	0	0	0	0
113	3	164	178	10106	1	3	16.27	0	0	0	0
114	1	137	151	10101	1	3	16.27	0	0	0	0
114	2	151	165	10102	1	3	16.26	0	0	0	0
114	3	165	179	10103	1	3	16.27	0	0	0	0
115	1	138	152	10098	1	3	16.27	0	0	0	0
115	2	152	166	10099	1	3	16.26	0	0	0	0
115	3	166	180	10100	1	3	16.27	0	0	0	0
116	1	139	153	10095	1	3	16.27	0	0	0	0
116	2	153	167	10096	1	3	16.26	0	0	0	0
116	3	167	181	10097	1	3	16.27	0	0	0	0
117	1	140	154	10092	1	3	16.27	0	0	0	0
117	2	154	168	10093	1	3	16.26	0	0	0	0
117	3	168	182	10094	1	3	16.27	0	0	0	0
118	1	141	155	10089	1	3	16.27	0	0	0	0
118	2	155	169	10090	1	3	16.26	0	0	0	0
118	3	169	183	10091	1	3	16.27	0	0	0	0
119	1	142	156	10086	1	3	16.27	0	0	0	0
119	2	156	170	10087	1	3	16.26	0	0	0	0
119	3	170	184	10088	1	3	16.27	0	0	0	0
120	1	107	114	10128	1	3	16.27	0	0	0	0
120	2	114	121	10130	1	3	16.26	0	0	0	0
120	3	121	128	10129	1	3	16.27	0	0	0	0

- Condizioni e combinazioni di carico

- Convenzioni adottate

Nel seguito vengono riportate il numero di condizioni di carico statiche e dinamiche che sollecitano la struttura. Si noti che:

- Per quanto riguarda le condizioni di carico dinamiche, il programma assimila ogni direzione di ingresso del sisma, definita dal progettista, ad una condizione di carico. Pertanto qualora agiscano sulla struttura *n* condizioni di carico statiche e il progettista abbia supposto che la struttura venga sollecitata da un sisma entrante in *m* direzioni, la struttura stessa viene considerata dal programma come soggetta ad *n* + *m* condizioni di carico.
- Le combinazioni di carico, definite dal progettista, combinano fra loro le *n* + *m* condizioni di carico ognuna partecipante alla combinazione *i-esima* secondo i fattori di partecipazione nel seguito riportati. N.B.: se la condizione *j-esima* ha

fattore di partecipazione unitario, allora partecipa per intero alla combinazione *i-esima*.
- Le prime *n* condizioni sono sempre statiche mentre sono di origine dinamica le (eventuali) condizioni da *n+1* a *n+m*.

- Condizioni di carico definite:

- Cond. 1 pp
- Cond. 2 solaio
- Cond. 3 perm
- Cond. 4 neve
- Cond. 5 var B
- Cond. 6 pannelli solo sisma
- Cond. 7 vento 0
- Cond. 8 vento 180
- Cond. 9 vento 90
- Cond. 10 vento 270
- Cond. 11 Sisma 0+SLV
- Cond. 12 Sisma 0-SLV
- Cond. 13 Sisma 180+SLV
- Cond. 14 Sisma 180-SLV
- Cond. 15 Sisma 90+SLV
- Cond. 16 Sisma 90-SLV
- Cond. 17 Sisma 270+SLV
- Cond. 18 Sisma 270-SLV
- Cond. 19 Sisma 0+SLD
- Cond. 20 Sisma 0-SLD
- Cond. 21 Sisma 180+SLD
- Cond. 22 Sisma 180-SLD
- Cond. 23 Sisma 90+SLD
- Cond. 24 Sisma 90-SLD
- Cond. 25 Sisma 270+SLD
- Cond. 26 Sisma 270-SLD

- Combinazioni agli Stati Limite Ultimi

Combinazione di carico numero	
1	neve + B + 0.9*v0
2	neve + B + 0.9*v180
3	neve + B + 0.9*v90
4	neve + B + 0.9*v270
5	v0 + neve + B
6	v180 + neve + B
7	v90 + neve + B
8	v270 + neve + B

Comb.\Cond	1	2	3	4	5	7	8	9	10
1	1.3000	1.3000	1.5000	1.5000	1.5000	0.9000	0.0000	0.0000	0.0000
2	1.3000	1.3000	1.5000	1.5000	1.5000	0.0000	0.9000	0.0000	0.0000
3	1.3000	1.3000	1.5000	1.5000	1.5000	0.0000	0.0000	0.9000	0.0000
4	1.3000	1.3000	1.5000	1.5000	1.5000	0.0000	0.0000	0.0000	0.9000
5	1.3000	1.3000	1.5000	0.7500	1.0500	1.5000	0.0000	0.0000	0.0000
6	1.3000	1.3000	1.5000	0.7500	1.0500	0.0000	1.5000	0.0000	0.0000
7	1.3000	1.3000	1.5000	0.7500	1.0500	0.0000	0.0000	1.5000	0.0000
8	1.3000	1.3000	1.5000	0.7500	1.0500	0.0000	0.0000	0.0000	1.5000

- Combinazioni agli Stati Limite di Salvaguardia della Vita

Combinazione di carico numero	
9	Sisma 0+ / 90+
10	Sisma 0+ / 90-
11	Sisma 0+ / 270+
12	Sisma 0+ / 270-
13	Sisma 0- / 90+
14	Sisma 0- / 90-
15	Sisma 0- / 270+
16	Sisma 0- / 270-
17	Sisma 180+ / 90+

18	Sisma 180+ / 90-
19	Sisma 180+ / 270+
20	Sisma 180+ / 270-
21	Sisma 180- / 90+
22	Sisma 180- / 90-
23	Sisma 180- / 270+
24	Sisma 180- / 270-
25	Sisma 90+ / 0+
26	Sisma 90+ / 0-
27	Sisma 90+ / 180+
28	Sisma 90+ / 180-
29	Sisma 90- / 0+
30	Sisma 90- / 0-
31	Sisma 90- / 180+
32	Sisma 90- / 180-
33	Sisma 270+ / 0+
34	Sisma 270+ / 0-
35	Sisma 270+ / 180+
36	Sisma 270+ / 180-
37	Sisma 270- / 0+
38	Sisma 270- / 0-
39	Sisma 270- / 180+
40	Sisma 270- / 180-

Comb.\Cond	1	2	3	5	6	11	12	13	14	15	16	17	18
9	1.0000	1.0000	1.0000	0.3000	0.0000	1.0000	0.0000	0.0000	0.0000	0.3000	0.0000	0.0000	0.0000
10	1.0000	1.0000	1.0000	0.3000	0.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.3000	0.0000	0.0000
11	1.0000	1.0000	1.0000	0.3000	0.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.3000	0.0000
12	1.0000	1.0000	1.0000	0.3000	0.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.3000
13	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	1.0000	0.0000	0.0000	0.3000	0.0000	0.0000	0.0000
14	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000	0.3000	0.0000	0.0000
15	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.3000	0.0000
16	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.3000
17	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	1.0000	0.0000	0.3000	0.0000	0.0000	0.0000
18	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.3000	0.0000	0.0000
19	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000	0.3000	0.0000
20	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.3000
21	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	0.0000	1.0000	0.3000	0.0000	0.0000	0.0000
22	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000	0.3000	0.0000	0.0000
23	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.3000	0.0000
24	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000	0.3000
25	1.0000	1.0000	1.0000	0.3000	0.0000	0.3000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
26	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.3000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
27	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	0.3000	0.0000	1.0000	0.0000	0.0000	0.0000
28	1.0000	1.0000	1.0000	0.3000	1.0000	0.0000	0.0000	0.0000	0.0000	0.3000	1.0000	0.0000	0.0000
29	1.0000	1.0000	1.0000	0.3000	0.0000	0.3000	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000
30	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.3000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000
31	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	0.3000	0.0000	0.0000	1.0000	0.0000	0.0000
32	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	0.0000	0.3000	0.0000	1.0000	0.0000	0.0000
33	1.0000	1.0000	1.0000	0.3000	0.0000	0.3000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000
34	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.3000	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000
35	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	0.3000	0.0000	0.0000	0.0000	1.0000	0.0000
36	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	0.0000	0.3000	0.0000	0.0000	1.0000	0.0000
37	1.0000	1.0000	1.0000	0.3000	0.0000	0.3000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000
38	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.3000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000
39	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	0.3000	0.0000	0.0000	0.0000	0.0000	1.0000
40	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	0.0000	0.3000	0.0000	0.0000	0.0000	1.0000

- Combinazioni RARE Stati Limite di Esercizio

Combinazione di carico numero	
41	B+ neve + 0.6*v0
42	B+ neve + 0.6*v180
43	B+ neve + 0.6*90

44	B+ neve + 0.6*v270
45	v0 + 0.5*B + 0.7*neve
46	v180 + 0.5*B + 0.7*neve
47	v90 + 0.5*B + 0.7*neve
48	v270 + 0.5*B + 0.7*neve

Comb.\Cond	1	2	3	4	5	7	8	9	10
41	1.0000	1.0000	1.0000	1.0000	1.0000	0.6000	0.0000	0.0000	0.0000
42	1.0000	1.0000	1.0000	1.0000	1.0000	0.0000	0.6000	0.0000	0.0000
43	1.0000	1.0000	1.0000	1.0000	1.0000	0.0000	0.0000	0.6000	0.0000
44	1.0000	1.0000	1.0000	1.0000	1.0000	0.0000	0.0000	0.0000	0.6000
45	1.0000	1.0000	1.0000	0.5000	0.7000	1.0000	0.0000	0.0000	0.0000
46	1.0000	1.0000	1.0000	0.5000	0.7000	0.0000	1.0000	0.0000	0.0000
47	1.0000	1.0000	1.0000	0.5000	0.7000	0.0000	0.0000	1.0000	0.0000
48	1.0000	1.0000	1.0000	0.5000	0.7000	0.0000	0.0000	0.0000	1.0000

- Combinazioni FREQUENTI Stati Limite di Esercizio

Combinazione di carico numero	
49	SLE Freq neve
50	SLE Freq v0
51	SLE Freq v180
52	SLE Freq v90
53	SLE Freq v270

Comb.\Cond	1	2	3	4	5	7	8	9	10
49	1.0000	1.0000	1.0000	0.2000	0.5000	0.0000	0.0000	0.0000	0.0000
50	1.0000	1.0000	1.0000	0.0000	0.3000	0.2000	0.0000	0.0000	0.0000
51	1.0000	1.0000	1.0000	0.0000	0.3000	0.0000	0.2000	0.0000	0.0000
52	1.0000	1.0000	1.0000	0.0000	0.3000	0.0000	0.0000	0.2000	0.0000
53	1.0000	1.0000	1.0000	0.0000	0.3000	0.0000	0.0000	0.0000	0.2000

- Combinazioni QUASI PERMANENTI Stati Limite di Esercizio

Combinazione di carico numero	
54	SLE QP

Comb.\Cond	1	2	3	5
54	1.0000	1.0000	1.0000	0.3000

- Combinazioni agli Stati Limite di Danno

Combinazione di carico numero	
55	Sisma 0+ / 90+
56	Sisma 0+ / 90-
57	Sisma 0+ / 270+
58	Sisma 0+ / 270-
59	Sisma 0- / 90+
60	Sisma 0- / 90-
61	Sisma 0- / 270+
62	Sisma 0- / 270-
63	Sisma 180+ / 90+
64	Sisma 180+ / 90-
65	Sisma 180+ / 270+
66	Sisma 180+ / 270-
67	Sisma 180- / 90+
68	Sisma 180- / 90-
69	Sisma 180- / 270+
70	Sisma 180- / 270-
71	Sisma 90+ / 0+
72	Sisma 90+ / 0-
73	Sisma 90+ / 180+
74	Sisma 90+ / 180-

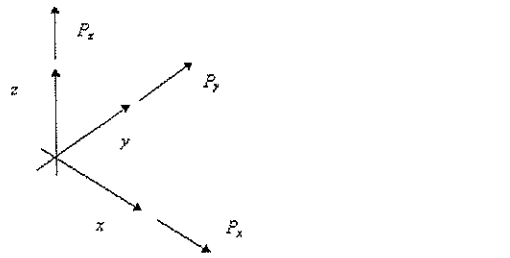
75	Sisma 90- / 0+
76	Sisma 90- / 0-
77	Sisma 90- / 180+
78	Sisma 90- / 180-
79	Sisma 270+ / 0+
80	Sisma 270+ / 0-
81	Sisma 270+ / 180+
82	Sisma 270+ / 180-
83	Sisma 270- / 0+
84	Sisma 270- / 0-
85	Sisma 270- / 180+
86	Sisma 270- / 180-

Comb.\Cond	1	2	3	5	6	19	20	21	22	23	24	25	26
55	1.0000	1.0000	1.0000	0.3000	0.0000	1.0000	0.0000	0.0000	0.0000	0.3000	0.0000	0.0000	0.0000
56	1.0000	1.0000	1.0000	0.3000	0.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.3000	0.0000	0.0000
57	1.0000	1.0000	1.0000	0.3000	0.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.3000	0.0000
58	1.0000	1.0000	1.0000	0.3000	0.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.3000
59	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	1.0000	0.0000	0.0000	0.3000	0.0000	0.0000	0.0000
60	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000	0.3000	0.0000	0.0000
61	1.0000	1.0000	1.0000	0.3000	1.0000	0.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.3000	0.0000
62	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.3000
63	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	1.0000	0.0000	0.3000	0.0000	0.0000	0.0000
64	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.3000	0.0000	0.0000
65	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000	0.3000	0.0000
66	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.3000
67	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	0.0000	1.0000	0.3000	0.0000	0.0000	0.0000
68	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000	0.3000	0.0000	0.0000
69	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.3000	0.0000
70	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000	0.3000
71	1.0000	1.0000	1.0000	0.3000	1.0000	0.3000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
72	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.3000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
73	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	0.3000	0.0000	1.0000	0.0000	0.0000	0.0000
74	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	0.0000	0.3000	1.0000	0.0000	0.0000	0.0000
75	1.0000	1.0000	1.0000	0.3000	0.0000	0.3000	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000
76	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.3000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000
77	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	0.3000	0.0000	0.0000	1.0000	0.0000	0.0000
78	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	0.0000	0.3000	0.0000	1.0000	0.0000	0.0000
79	1.0000	1.0000	1.0000	0.3000	0.0000	0.3000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000
80	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.3000	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000
81	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	0.3000	0.0000	0.0000	0.0000	1.0000	0.0000
82	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	0.0000	0.3000	0.0000	0.0000	1.0000	0.0000
83	1.0000	1.0000	1.0000	0.3000	0.0000	0.3000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000
84	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.3000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000
85	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	0.3000	0.0000	0.0000	0.0000	0.0000	1.0000
86	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	0.0000	0.3000	0.0000	0.0000	0.0000	1.0000

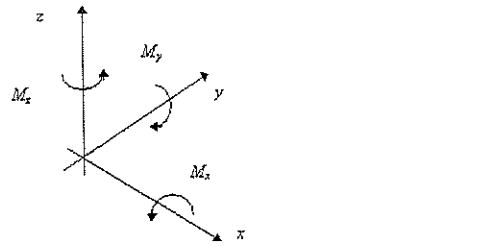
- Carichi e coppie applicati ai nodi

- Convenzioni adottate

La terna di riferimento generale è destrorsa per cui si hanno i seguenti segni positivi per i carichi o per le coppie direttamente applicati ai nodi:



Versi positivi delle forze concentrate applicate ai nodi.



Versi positivi delle coppie concentrate applicate ai nodi.

Nel seguito vengono riportati per ogni nodo, su cui agiscono carichi concentrati, le componenti del carico (P_x, P_y, P_z, M_x, M_y, M_z) e la condizione di carico cui esse fanno riferimento.

Nodo	Cond.	Px [kg]	Py [kg]	Pz [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
101	7	2064.0	0.0	0.0	0.0	0.0	0.0
	8	-1032.0	0.0	0.0	0.0	0.0	0.0
	9	0.0	1523.0	0.0	0.0	0.0	0.0
	10	0.0	-762.0	0.0	0.0	0.0	0.0
102	9	0.0	3046.0	0.0	0.0	0.0	0.0
	10	0.0	-1523.0	0.0	0.0	0.0	0.0
103	9	0.0	3046.0	0.0	0.0	0.0	0.0
	10	0.0	-1523.0	0.0	0.0	0.0	0.0
104	9	0.0	3046.0	0.0	0.0	0.0	0.0
	10	0.0	-1523.0	0.0	0.0	0.0	0.0
105	9	0.0	3046.0	0.0	0.0	0.0	0.0
	10	0.0	-1523.0	0.0	0.0	0.0	0.0
106	9	0.0	3046.0	0.0	0.0	0.0	0.0
	10	0.0	-1523.0	0.0	0.0	0.0	0.0
107	9	0.0	1523.0	0.0	0.0	0.0	0.0
	10	0.0	-762.0	0.0	0.0	0.0	0.0
108	7	4129.0	0.0	0.0	0.0	0.0	0.0
	8	-2064.0	0.0	0.0	0.0	0.0	0.0
115	7	4129.0	0.0	0.0	0.0	0.0	0.0
	8	-2064.0	0.0	0.0	0.0	0.0	0.0
122	7	2064.0	0.0	0.0	0.0	0.0	0.0
	8	-1032.0	0.0	0.0	0.0	0.0	0.0
	9	0.0	762.0	0.0	0.0	0.0	0.0
	10	0.0	-1523.0	0.0	0.0	0.0	0.0
123	9	0.0	1523.0	0.0	0.0	0.0	0.0
	10	0.0	-3046.0	0.0	0.0	0.0	0.0

124	9	0.0	1523.0	0.0	0.0	0.0	0.0
	10	0.0	-3046.0	0.0	0.0	0.0	0.0
125	9	0.0	1523.0	0.0	0.0	0.0	0.0
	10	0.0	-3046.0	0.0	0.0	0.0	0.0
126	9	0.0	1523.0	0.0	0.0	0.0	0.0
	10	0.0	-3046.0	0.0	0.0	0.0	0.0
127	9	0.0	1523.0	0.0	0.0	0.0	0.0
	10	0.0	-3046.0	0.0	0.0	0.0	0.0
128	9	0.0	762.0	0.0	0.0	0.0	0.0
	10	0.0	-1523.0	0.0	0.0	0.0	0.0
133	10	0.0	-1523.0	0.0	0.0	0.0	0.0
175	10	0.0	-3046.0	0.0	0.0	0.0	0.0

- Carichi e coppie applicati ai solai

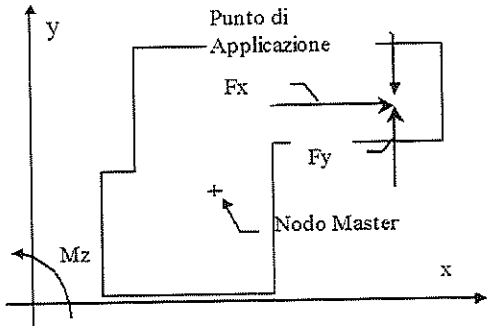
- Convenzioni adottate

Seguendo l'ipotesi di piano infinitamente rigido le azioni agenti nel piano del solaio vengono trasformate dal codice di calcolo in azioni agenti nel cosiddetto nodo *master di solaio* secondo le trasformazioni seguenti:

$$F_{xMaster} = F_{xNodo}$$

$$F_{yMaster} = F_{yNodo}$$

$$M_{zMaster} = M_{zNodo} - F_{xNodo}\,(y_{App} - y_{Master}) + F_{yNodo}\,(x_{App} - x_{Master})$$



Nel seguito vengono riportati per ogni solaio, su cui agiscono carichi concentrati, le componenti del carico (F_x, F_y, M_z), le coordinate del punto di applicazione nel piano orizzontale (**x, y**) e la condizione di carico cui esse fanno riferimento.

Solaio	Condizione	Fx [kg]	Fy [kg]	Mz [kgm]	x Punto di applicazione [m]	y Punto di Applicazione [m]

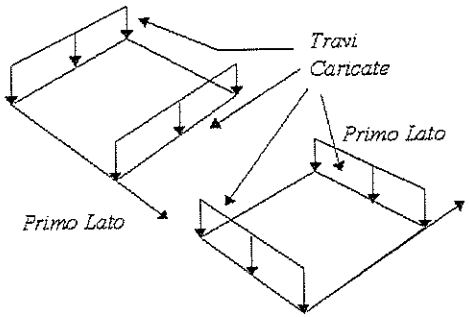
- Dati relativi alle aree di carico

- Convenzioni adottate

Nel seguito sono riportate le *aree di carico* definite nel progetto.

Un'*area di carico* è definita da una superfice contornata da travi di bordo ed i carichi superficiali su essa agenti vengono riportati dal programma sulle travi perimetrali in ragione dell'area di influenza relativa ad ogni trave e della direzione di orditura della superficie.

È importante rilevare che **la direzione di orditura viene assunta dal programma con riferimento al primo lato della superficie di carico e non con riferimento all'asse x globale della struttura.**



Esempio: *direzione* di orditura 0 gradi.

In particolare ricordiamo che le *aree di carico* fungono esclusivamente da supporto per il calcolo dei carichi di tipo superficiale in quanto i carichi definiti tramite tali *aree di carico* in effetti vengono trasferiti (sotto forma di carichi lineari o carichi nodali concentrati nei nodi) sulle travi perimetrali che contornano l'area di carico stessa.

A seguire vengono riportati per ogni tipologia definita i carichi agenti nelle varie condizioni di carico. La dizione:

Globale
indica che il carico è definito nel sistema di riferimento globale della struttura.

Globale Proiettato
indica che il carico è definito nel sistema di riferimento globale della struttura ma il valore viene computato in proiezione.

Locale
indica che il carico è definito nel sistema di riferimento locale della superficie di carico.

Area di Carico Numero	Commento
1	Copertura
2	soppalco
3	Area 3
4	Area 4
5	Area 5
6	Area 6
7	Area 7

Tipo	Alfa	Condizione	Carico Trasmesso	Riferimento	qx [kg/m²] Qx [kg]	qy [kg/m²] Qy [kg]	qz [kg/m²] Qz [kg]
1	0.00	2	Alle Travi	Globale	0.0	0.0	57.0
					0.0	0.0	180804.0
1	0.00	3	Alle Travi	Globale	0.0	0.0	70.0
					-0.0	0.0	222040.0
1	0.00	4	Alle Travi	Globale	0.0	0.0	80.0
					-0.0	0.0	253760.0
2	0.00	2	Alle Travi	Globale	0.0	0.0	475.0
					0.0	0.0	0.0
2	0.00	3	Alle Travi	Globale	0.0	0.0	300.0
					0.0	0.0	0.0
2	0.00	5	Alle Travi	Globale	0.0	0.0	200.0
					0.0	0.0	0.0
3	0.00	5	Ai Nodi	Globale	0.0	0.0	400.0
					0.0	0.0	0.0

3	0.00	6	Ai Nodi	Globale	-80.0	0.0	0.0
					0.0	0.0	0.0
3	0.00	7	Ai Nodi	Globale	40.0	0.0	0.0
					0.0	0.0	0.0
3	0.00	8	Ai Nodi	Globale	0.0	-80.0	0.0
					0.0	0.0	0.0
3	0.00	9	Ai Nodi	Globale	0.0	40.0	0.0
					0.0	0.0	0.0
4	0.00	5	Ai Nodi	Globale	0.0	0.0	400.0
					0.0	0.0	0.0
4	0.00	6	Ai Nodi	Globale	-40.0	0.0	0.0
					0.0	0.0	0.0
4	0.00	7	Ai Nodi	Globale	80.0	0.0	0.0
					0.0	0.0	0.0
4	0.00	8	Ai Nodi	Globale	0.0	-80.0	0.0
					0.0	0.0	0.0
4	0.00	9	Ai Nodi	Globale	0.0	40.0	0.0
					0.0	0.0	0.0
5	0.00	5	Ai Nodi	Globale	0.0	0.0	400.0
					0.0	0.0	0.0
5	0.00	6	Ai Nodi	Globale	-40.0	0.0	0.0
					0.0	0.0	0.0
5	0.00	7	Ai Nodi	Globale	80.0	0.0	0.0
					0.0	0.0	0.0
5	0.00	8	Ai Nodi	Globale	0.0	-40.0	0.0
					0.0	0.0	0.0
5	0.00	9	Ai Nodi	Globale	0.0	80.0	0.0
					0.0	0.0	0.0
6	0.00	5	Ai Nodi	Globale	0.0	0.0	400.0
					0.0	0.0	0.0
6	0.00	8	Ai Nodi	Globale	0.0	-40.0	0.0
					0.0	0.0	0.0
6	0.00	9	Ai Nodi	Globale	0.0	80.0	0.0
					0.0	0.0	0.0
7	0.00	5	Ai Nodi	Globale	0.0	0.0	400.0
					0.0	0.0	0.0
7	0.00	8	Ai Nodi	Globale	0.0	-80.0	0.0
					0.0	0.0	0.0
7	0.00	9	Ai Nodi	Globale	0.0	40.0	0.0
					0.0	0.0	0.0

Tipologia	Nodi
1	135 149 148 134 135
1	156 170 169 155 156
1	155 169 120 168 154 113 155
1	154 168 167 153 154
1	153 167 166 152 153
1	152 166 119 165 151 112 152
1	150 164 118 163 149 111 150
1	134 148 147 133 134
1	133 147 110 146 132 103 133
1	137 151 150 136 137
1	136 150 111 149 135 104 136
1	132 146 145 131 132
1	131 145 109 144 130 102 131
1	130 144 143 129 130
1	151 165 164 150 151
1	149 163 162 148 149
1	147 161 117 160 146 110 147
1	148 162 161 147 148
1	146 160 159 145 146

1	145 159 116 158 144 109 145
1	140 154 153 139 140
1	139 153 152 138 139
1	138 152 112 151 137 105 138
1	144 158 157 143 144
1	142 156 155 141 142
1	141 155 113 154 140 106 141
1	170 184 183 169 170
1	169 183 127 182 168 120 169
1	168 182 181 167 168
1	167 181 180 166 167
1	166 180 126 179 165 119 166
1	165 179 178 164 165
1	164 178 125 177 163 118 164
1	163 177 176 162 163
1	162 176 175 161 162
1	161 175 124 174 160 117 161
1	160 174 173 159 160
1	159 173 123 172 158 116 159
1	158 172 171 157 158

- Carichi applicati agli elementi

- Convenzioni adottate

I carichi applicati vengono raccolti nella tabella riportata alla fine del paragrafo e si intendono applicati nel sistema di riferimento locale dell'elemento.

Per la lettura della tabella si definiscono:

NodoI, NodoJ
I nodi iniziale/finale dell'asta o lato dell'elemento cui afferisce il carico

L
La distanza fra i suddetti nodi.

qxi, ..., qzj
Le componenti di un carico distribuito costante o variabile linearmente iniziali (indice i) e finale (indice j).

xi, xj
Le distanze, misurate a partire dal NodoI, dei punti di applicazione dei carichi qxi..qzj relativi a carichi distribuiti applicati su porzioni di un'asta.

Px, ..., Pz xApp
Le componenti di un Carico Concentrato applicato a distanza xApp dal NodoI.

Mx, ..., Mz xApp
Le componenti di una Coppia Concentrata applicata a distanza xApp dal NodoI.

Var Termica Assiale, ..., Var Termica Farfalla 13
Le variazioni termiche (Assiali ed a Farfalla) misurate in gradi Celsius.

mxi, ..., mzj
Le componenti di coppie distribuite costanti o variabili linearmente iniziali (indice i) e finale (indice j).

qS_x, qS_y, qS_z
carichi, per unità di superficie, applicati su elementi superficiali o facce di elementi solidi

Peso Proprio
Il valore del carico derivante dal peso proprio dell'elemento

- Carichi distribuiti

Nodo I	Nodo J	L [m]	Condizione di carico	xi [m]	qxi [kg/m]	qyi [kg/m]	qzi [kg/m]	xj [m]	qxj [kg/m]	qyj [kg/m]	qzj [kg/m]

1	101	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
101	129	4.05	6	0.00	0.0	1900.0	0.0	4.05	0.0	1900.0	0.0
			1	0.00	0.0	662.5	0.0	4.05	0.0	662.5	0.0
2	102	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
129	130	5.00	6	0.00	0.0	1900.0	0.0	5.00	0.0	1900.0	0.0
			1	0.00	0.0	662.5	0.0	5.00	0.0	662.5	0.0
3	103	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
130	102	2.95	6	0.00	0.0	1900.0	0.0	2.95	0.0	1900.0	0.0
			1	0.00	0.0	662.5	0.0	2.95	0.0	662.5	0.0
4	104	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
102	131	2.05	6	0.00	0.0	1900.0	0.0	2.05	0.0	1900.0	0.0
			1	0.00	0.0	662.5	0.0	2.05	0.0	662.5	0.0
5	105	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
131	132	5.00	6	0.00	0.0	1900.0	0.0	5.00	0.0	1900.0	0.0
			1	0.00	0.0	662.5	0.0	5.00	0.0	662.5	0.0
6	106	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
132	103	4.95	6	0.00	0.0	1900.0	0.0	4.95	0.0	1900.0	0.0
			1	0.00	0.0	662.5	0.0	4.95	0.0	662.5	0.0
7	107	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
103	133	0.05	6	0.00	0.0	1900.0	0.0	0.05	0.0	1900.0	0.0
			1	0.00	0.0	662.5	0.0	0.05	0.0	662.5	0.0
8	108	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
133	134	5.00	6	0.00	0.0	1900.0	0.0	5.00	0.0	1900.0	0.0
			1	0.00	0.0	662.5	0.0	5.00	0.0	662.5	0.0
9	109	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
134	135	5.00	6	0.00	0.0	1900.0	0.0	5.00	0.0	1900.0	0.0
			1	0.00	0.0	662.5	0.0	5.00	0.0	662.5	0.0
10	110	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
135	104	1.95	6	0.00	0.0	1900.0	0.0	1.95	0.0	1900.0	0.0
			1	0.00	0.0	662.5	0.0	1.95	0.0	662.5	0.0
11	111	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
104	136	3.05	6	0.00	0.0	1900.0	0.0	3.05	0.0	1900.0	0.0
			1	0.00	0.0	662.5	0.0	3.05	0.0	662.5	0.0
12	112	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
136	137	5.00	6	0.00	0.0	1900.0	0.0	5.00	0.0	1900.0	0.0
			1	0.00	0.0	662.5	0.0	5.00	0.0	662.5	0.0
13	113	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
137	105	3.95	6	0.00	0.0	1900.0	0.0	3.95	0.0	1900.0	0.0
			1	0.00	0.0	662.5	0.0	3.95	0.0	662.5	0.0
14	114	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
105	138	1.05	6	0.00	0.0	1900.0	0.0	1.05	0.0	1900.0	0.0
			1	0.00	0.0	662.5	0.0	1.05	0.0	662.5	0.0
15	115	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
138	139	5.00	6	0.00	0.0	1900.0	0.0	5.00	0.0	1900.0	0.0
			1	0.00	0.0	662.5	0.0	5.00	0.0	662.5	0.0
16	116	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
139	140	5.00	6	0.00	0.0	1900.0	0.0	5.00	0.0	1900.0	0.0
			1	0.00	0.0	662.5	0.0	5.00	0.0	662.5	0.0
17	117	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
140	106	0.95	6	0.00	0.0	1900.0	0.0	0.95	0.0	1900.0	0.0
			1	0.00	0.0	662.5	0.0	0.95	0.0	662.5	0.0
18	118	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
106	141	4.05	6	0.00	0.0	1900.0	0.0	4.05	0.0	1900.0	0.0
			1	0.00	0.0	662.5	0.0	4.05	0.0	662.5	0.0
19	119	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
141	142	5.00	6	0.00	0.0	1900.0	0.0	5.00	0.0	1900.0	0.0
			1	0.00	0.0	662.5	0.0	5.00	0.0	662.5	0.0
20	120	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
142	107	2.95	6	0.00	0.0	1900.0	0.0	2.95	0.0	1900.0	0.0
			1	0.00	0.0	662.5	0.0	2.95	0.0	662.5	0.0
21	121	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
108	143	4.05	1	0.00	0.0	762.5	0.0	4.05	0.0	762.5	0.0
22	122	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
143	144	5.00	1	0.00	0.0	762.5	0.0	5.00	0.0	762.5	0.0
23	123	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0

144	109	2.95	1	0.00	0.0	762.5	0.0	2.95	0.0	762.5	0.0
24	124	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
109	145	2.05	1	0.00	0.0	762.5	0.0	2.05	0.0	762.5	0.0
25	125	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
145	146	5.00	1	0.00	0.0	762.5	0.0	5.00	0.0	762.5	0.0
26	126	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
146	110	4.95	1	0.00	0.0	762.5	0.0	4.95	0.0	762.5	0.0
27	127	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
110	147	0.05	1	0.00	0.0	762.5	0.0	0.05	0.0	762.5	0.0
28	128	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
147	148	5.00	1	0.00	0.0	762.5	0.0	5.00	0.0	762.5	0.0
148	149	5.00	1	0.00	0.0	762.5	0.0	5.00	0.0	762.5	0.0
149	111	1.95	1	0.00	0.0	762.5	0.0	1.95	0.0	762.5	0.0
111	150	3.05	1	0.00	0.0	762.5	0.0	3.05	0.0	762.5	0.0
150	151	5.00	1	0.00	0.0	762.5	0.0	5.00	0.0	762.5	0.0
151	112	3.95	1	0.00	0.0	762.5	0.0	3.95	0.0	762.5	0.0
112	152	1.05	1	0.00	0.0	762.5	0.0	1.05	0.0	762.5	0.0
152	153	5.00	1	0.00	0.0	762.5	0.0	5.00	0.0	762.5	0.0
153	154	5.00	1	0.00	0.0	762.5	0.0	5.00	0.0	762.5	0.0
154	113	0.95	1	0.00	0.0	762.5	0.0	0.95	0.0	762.5	0.0
113	155	4.05	1	0.00	0.0	762.5	0.0	4.05	0.0	762.5	0.0
155	156	5.00	1	0.00	0.0	762.5	0.0	5.00	0.0	762.5	0.0
156	114	2.95	1	0.00	0.0	762.5	0.0	2.95	0.0	762.5	0.0
115	157	4.05	1	0.00	0.0	762.5	0.0	4.05	0.0	762.5	0.0
157	158	5.00	1	0.00	0.0	762.5	0.0	5.00	0.0	762.5	0.0
158	116	2.95	1	0.00	0.0	762.5	0.0	2.95	0.0	762.5	0.0
116	159	2.05	1	0.00	0.0	762.5	0.0	2.05	0.0	762.5	0.0
159	160	5.00	1	0.00	0.0	762.5	0.0	5.00	0.0	762.5	0.0
160	117	4.95	1	0.00	0.0	762.5	0.0	4.95	0.0	762.5	0.0
117	161	0.05	1	0.00	0.0	762.5	0.0	0.05	0.0	762.5	0.0
161	162	5.00	1	0.00	0.0	762.5	0.0	5.00	0.0	762.5	0.0
162	163	5.00	1	0.00	0.0	762.5	0.0	5.00	0.0	762.5	0.0
163	118	1.95	1	0.00	0.0	762.5	0.0	1.95	0.0	762.5	0.0
118	164	3.05	1	0.00	0.0	762.5	0.0	3.05	0.0	762.5	0.0
164	165	5.00	1	0.00	0.0	762.5	0.0	5.00	0.0	762.5	0.0
165	119	3.95	1	0.00	0.0	762.5	0.0	3.95	0.0	762.5	0.0
119	166	1.05	1	0.00	0.0	762.5	0.0	1.05	0.0	762.5	0.0
166	167	5.00	1	0.00	0.0	762.5	0.0	5.00	0.0	762.5	0.0
167	168	5.00	1	0.00	0.0	762.5	0.0	5.00	0.0	762.5	0.0
168	120	0.95	1	0.00	0.0	762.5	0.0	0.95	0.0	762.5	0.0
120	169	4.05	1	0.00	0.0	762.5	0.0	4.05	0.0	762.5	0.0
169	170	5.00	1	0.00	0.0	762.5	0.0	5.00	0.0	762.5	0.0
170	121	2.95	1	0.00	0.0	762.5	0.0	2.95	0.0	762.5	0.0
122	171	4.05	6	0.00	0.0	1900.0	0.0	4.05	0.0	1900.0	0.0
			1	0.00	0.0	662.5	0.0	4.05	0.0	662.5	0.0
171	172	5.00	6	0.00	0.0	1900.0	0.0	5.00	0.0	1900.0	0.0
			1	0.00	0.0	662.5	0.0	5.00	0.0	662.5	0.0
172	123	2.95	6	0.00	0.0	1900.0	0.0	2.95	0.0	1900.0	0.0
			1	0.00	0.0	662.5	0.0	2.95	0.0	662.5	0.0
123	173	2.05	6	0.00	0.0	1900.0	0.0	2.05	0.0	1900.0	0.0
			1	0.00	0.0	662.5	0.0	2.05	0.0	662.5	0.0
173	174	5.00	6	0.00	0.0	1900.0	0.0	5.00	0.0	1900.0	0.0
			1	0.00	0.0	662.5	0.0	5.00	0.0	662.5	0.0
174	124	4.95	6	0.00	0.0	1900.0	0.0	4.95	0.0	1900.0	0.0
			1	0.00	0.0	662.5	0.0	4.95	0.0	662.5	0.0
124	175	0.05	6	0.00	0.0	1900.0	0.0	0.05	0.0	1900.0	0.0
			1	0.00	0.0	662.5	0.0	0.05	0.0	662.5	0.0
175	176	5.00	6	0.00	0.0	1900.0	0.0	5.00	0.0	1900.0	0.0
			1	0.00	0.0	662.5	0.0	5.00	0.0	662.5	0.0
176	177	5.00	6	0.00	0.0	1900.0	0.0	5.00	0.0	1900.0	0.0
			1	0.00	0.0	662.5	0.0	5.00	0.0	662.5	0.0
177	125	1.95	6	0.00	0.0	1900.0	0.0	1.95	0.0	1900.0	0.0
			1	0.00	0.0	662.5	0.0	1.95	0.0	662.5	0.0
125	178	3.05	6	0.00	0.0	1900.0	0.0	3.05	0.0	1900.0	0.0
			1	0.00	0.0	662.5	0.0	3.05	0.0	662.5	0.0

178	179	5.00	6	0.00	0.0	1900.0	0.0	5.00	0.0	1900.0	0.0	
			1	0.00	0.0	662.5	0.0	5.00	0.0	662.5	0.0	
179	126	3.95	6	0.00	0.0	1900.0	0.0	3.95	0.0	1900.0	0.0	
			1	0.00	0.0	662.5	0.0	3.95	0.0	662.5	0.0	
126	180	1.05	6	0.00	0.0	1900.0	0.0	1.05	0.0	1900.0	0.0	
			1	0.00	0.0	662.5	0.0	1.05	0.0	662.5	0.0	
180	181	5.00	6	0.00	0.0	1900.0	0.0	5.00	0.0	1900.0	0.0	
			1	0.00	0.0	662.5	0.0	5.00	0.0	662.5	0.0	
181	182	5.00	6	0.00	0.0	1900.0	0.0	5.00	0.0	1900.0	0.0	
			1	0.00	0.0	662.5	0.0	5.00	0.0	662.5	0.0	
182	127	0.95	6	0.00	0.0	1900.0	0.0	0.95	0.0	1900.0	0.0	
			1	0.00	0.0	662.5	0.0	0.95	0.0	662.5	0.0	
127	183	4.05	6	0.00	0.0	1900.0	0.0	4.05	0.0	1900.0	0.0	
			1	0.00	0.0	662.5	0.0	4.05	0.0	662.5	0.0	
183	184	5.00	6	0.00	0.0	1900.0	0.0	5.00	0.0	1900.0	0.0	
			1	0.00	0.0	662.5	0.0	5.00	0.0	662.5	0.0	
184	128	2.95	6	0.00	0.0	1900.0	0.0	2.95	0.0	1900.0	0.0	
			1	0.00	0.0	662.5	0.0	2.95	0.0	662.5	0.0	
101	108	16.27	6	0.00	0.0	1900.0	-0.0	16.27	0.0	1900.0	-0.0	
108	115	16.26	6	0.00	0.0	1900.0	-0.0	16.26	0.0	1900.0	-0.0	
115	122	16.27	6	0.00	0.0	1900.0	-0.0	16.27	0.0	1900.0	-0.0	
129	143	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0	
			2	0.00	0.0	142.5	-0.0	16.27	0.0	142.5	-0.0	
			3	0.00	0.0	175.0	-0.0	16.27	0.0	175.0	-0.0	
			4	0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0	
143	157	16.26	1	0.00	0.0	637.5	0.0	16.26	0.0	637.5	0.0	
			2	0.00	0.0	142.5	-0.0	16.26	0.0	142.5	-0.0	
			3	0.00	0.0	175.0	0.0	16.26	0.0	175.0	0.0	
			4	0.00	0.0	200.0	0.0	16.26	0.0	200.0	0.0	
157	171	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0	
			2	0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0	
			3	0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0	
			4	0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0	
130	144	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0	
			2	-0.00	0.0	142.5	-0.0	16.27	0.0	142.5	-0.0	
			3	-0.00	0.0	175.0	-0.0	16.27	0.0	175.0	-0.0	
			4	-0.00	0.0	200.0	-0.0	16.27	0.0	200.0	-0.0	
			2	0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0	
			3	0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0	
			4	0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0	
144	158	16.26	1	0.00	0.0	637.5	0.0	16.26	0.0	637.5	0.0	
			2	-0.00	0.0	142.5	-0.0	16.26	0.0	142.5	-0.0	
			3	-0.00	0.0	175.0	0.0	16.26	0.0	175.0	0.0	
			4	-0.00	0.0	200.0	-0.0	16.26	0.0	200.0	-0.0	
			2	0.00	0.0	142.5	-0.0	16.26	0.0	142.5	-0.0	
			3	0.00	0.0	175.0	0.0	16.26	0.0	175.0	0.0	
			4	0.00	0.0	200.0	0.0	16.26	0.0	200.0	0.0	
158	172	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0	
			2	-0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0	
			3	-0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0	
			4	-0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0	
			2	0.00	0.0	142.5	-0.0	16.27	0.0	142.5	-0.0	
			3	0.00	0.0	175.0	-0.0	16.27	0.0	175.0	-0.0	
			4	0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0	
131	145	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0	
			2	-0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0	
			3	-0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0	
			4	-0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0	
			2	0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0	
			3	0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0	
			4	0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0	
145	159	16.26	1	0.00	0.0	637.5	0.0	16.26	0.0	637.5	0.0	
			2	-0.00	0.0	142.5	-0.0	16.26	0.0	142.5	-0.0	
			3	-0.00	0.0	175.0	0.0	16.26	0.0	175.0	0.0	
			4	-0.00	0.0	200.0	0.0	16.26	0.0	200.0	0.0	

			2	0.00	0.0	142.5	0.0	16.26	0.0	142.5	0.0	
			3	0.00	0.0	175.0	-0.0	16.26	0.0	175.0	-0.0	
			4	0.00	0.0	200.0	-0.0	16.26	0.0	200.0	-0.0	
159	173	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0	
			2	-0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0	
			3	-0.00	0.0	175.0	-0.0	16.27	0.0	175.0	-0.0	
			4	-0.00	0.0	200.0	-0.0	16.27	0.0	200.0	-0.0	
			2	0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0	
			3	0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0	
			4	0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0	
132	146	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0	
			2	-0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0	
			3	-0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0	
			4	-0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0	
			2	0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0	
			3	0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0	
			4	0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0	
146	160	16.26	1	0.00	0.0	637.5	0.0	16.26	0.0	637.5	0.0	
			2	-0.00	0.0	142.5	0.0	16.26	0.0	142.5	0.0	
			3	-0.00	0.0	175.0	0.0	16.26	0.0	175.0	0.0	
			4	-0.00	0.0	200.0	0.0	16.26	0.0	200.0	0.0	
			2	0.00	0.0	142.5	-0.0	16.26	0.0	142.5	-0.0	
			3	0.00	0.0	175.0	0.0	16.26	0.0	175.0	0.0	
			4	0.00	0.0	200.0	0.0	16.26	0.0	200.0	0.0	
160	174	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0	
			2	-0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0	
			3	-0.00	0.0	175.0	-0.0	16.27	0.0	175.0	-0.0	
			4	-0.00	0.0	200.0	-0.0	16.27	0.0	200.0	-0.0	
			2	0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0	
			3	0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0	
			4	0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0	
133	147	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0	
			2	-0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0	
			3	-0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0	
			4	-0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0	
			2	0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0	
			3	0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0	
			4	0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0	
147	161	16.26	1	0.00	0.0	637.5	0.0	16.26	0.0	637.5	0.0	
			2	0.00	0.0	142.5	0.0	16.26	0.0	142.5	0.0	
			3	0.00	0.0	175.0	-0.0	16.26	0.0	175.0	-0.0	
			4	0.00	0.0	200.0	-0.0	16.26	0.0	200.0	-0.0	
			2	-0.00	0.0	142.5	0.0	16.26	0.0	142.5	0.0	
			3	-0.00	0.0	175.0	0.0	16.26	0.0	175.0	0.0	
			4	-0.00	0.0	200.0	-0.0	16.26	0.0	200.0	-0.0	
161	175	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0	
			2	-0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0	
			3	-0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0	
			4	-0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0	
			2	0.00	0.0	142.5	-0.0	16.27	0.0	142.5	-0.0	
			3	0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0	
			4	0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0	
134	148	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0	
			2	-0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0	
			3	-0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0	
			4	-0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0	
			2	0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0	
			3	0.00	0.0	175.0	-0.0	16.27	0.0	175.0	-0.0	
			4	0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0	
148	162	16.26	1	0.00	0.0	637.5	0.0	16.26	0.0	637.5	0.0	
			2	-0.00	0.0	142.5	-0.0	16.26	0.0	142.5	-0.0	
			3	-0.00	0.0	175.0	0.0	16.26	0.0	175.0	0.0	
			4	-0.00	0.0	200.0	0.0	16.26	0.0	200.0	0.0	
			2	0.00	0.0	142.5	0.0	16.26	0.0	142.5	0.0	
			3	0.00	0.0	175.0	-0.0	16.26	0.0	175.0	-0.0	

			4	0.00	0.0	200.0	-0.0	16.26	0.0	200.0	-0.0
162	176	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0
			2	-0.00	0.0	142.5	-0.0	16.27	0.0	142.5	-0.0
			3	-0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	-0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0
			2	0.00	0.0	142.5	-0.0	16.27	0.0	142.5	-0.0
			3	0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	0.00	0.0	200.0	-0.0	16.27	0.0	200.0	-0.0
135	149	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0
			2	0.00	0.0	142.5	-0.0	16.27	0.0	142.5	-0.0
			3	0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0
			2	-0.00	0.0	142.5	-0.0	16.27	0.0	142.5	-0.0
			3	-0.00	0.0	175.0	-0.0	16.27	0.0	175.0	-0.0
			4	-0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0
149	163	16.26	1	0.00	0.0	637.5	0.0	16.26	0.0	637.5	0.0
			2	-0.00	0.0	142.5	0.0	16.26	0.0	142.5	0.0
			3	-0.00	0.0	175.0	-0.0	16.26	0.0	175.0	-0.0
			4	-0.00	0.0	200.0	-0.0	16.26	0.0	200.0	-0.0
			2	0.00	0.0	142.5	0.0	16.26	0.0	142.5	0.0
			3	0.00	0.0	175.0	-0.0	16.26	0.0	175.0	-0.0
			4	0.00	0.0	200.0	-0.0	16.26	0.0	200.0	-0.0
163	177	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0
			2	-0.00	0.0	142.5	-0.0	16.27	0.0	142.5	-0.0
			3	-0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	-0.00	0.0	200.0	-0.0	16.27	0.0	200.0	-0.0
			2	0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0
			3	0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	0.00	0.0	200.0	-0.0	16.27	0.0	200.0	-0.0
136	150	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0
			2	-0.00	0.0	142.5	-0.0	16.27	0.0	142.5	-0.0
			3	-0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	-0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0
			2	0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0
			3	0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0
150	164	16.26	1	0.00	0.0	637.5	0.0	16.26	0.0	637.5	0.0
			2	0.00	0.0	142.5	0.0	16.26	0.0	142.5	0.0
			3	0.00	0.0	175.0	-0.0	16.26	0.0	175.0	-0.0
			4	0.00	0.0	200.0	-0.0	16.26	0.0	200.0	-0.0
			2	-0.00	0.0	142.5	-0.0	16.26	0.0	142.5	-0.0
			3	-0.00	0.0	175.0	0.0	16.26	0.0	175.0	0.0
			4	-0.00	0.0	200.0	0.0	16.26	0.0	200.0	0.0
164	178	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0
			2	-0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0
			3	-0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	-0.00	0.0	200.0	-0.0	16.27	0.0	200.0	-0.0
			2	0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0
			3	0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0
137	151	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0
			2	0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0
			3	0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	0.00	0.0	200.0	-0.0	16.27	0.0	200.0	-0.0
			2	-0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0
			3	-0.00	0.0	175.0	-0.0	16.27	0.0	175.0	-0.0
			4	-0.00	0.0	200.0	-0.0	16.27	0.0	200.0	-0.0
151	165	16.26	1	0.00	0.0	637.5	0.0	16.26	0.0	637.5	0.0
			2	-0.00	0.0	142.5	0.0	16.26	0.0	142.5	0.0
			3	-0.00	0.0	175.0	0.0	16.26	0.0	175.0	0.0
			4	-0.00	0.0	200.0	0.0	16.26	0.0	200.0	0.0
			2	0.00	0.0	142.5	0.0	16.26	0.0	142.5	0.0
			3	0.00	0.0	175.0	-0.0	16.26	0.0	175.0	-0.0
			4	0.00	0.0	200.0	-0.0	16.26	0.0	200.0	-0.0
165	179	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0

			2	-0.00	0.0	142.5	-0.0	16.27	0.0	142.5	-0.0
			3	-0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	-0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0
			2	0.00	0.0	142.5	-0.0	16.27	0.0	142.5	-0.0
			3	0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	0.00	0.0	200.0	-0.0	16.27	0.0	200.0	-0.0
138	152	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0
			2	-0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0
			3	-0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	-0.00	0.0	200.0	-0.0	16.27	0.0	200.0	-0.0
			2	0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0
			3	0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0
152	166	16.26	1	0.00	0.0	637.5	0.0	16.26	0.0	637.5	0.0
			2	-0.00	0.0	142.5	-0.0	16.26	0.0	142.5	-0.0
			3	-0.00	0.0	175.0	-0.0	16.26	0.0	175.0	-0.0
			4	-0.00	0.0	200.0	0.0	16.26	0.0	200.0	0.0
			2	0.00	0.0	142.5	0.0	16.26	0.0	142.5	0.0
			3	0.00	0.0	175.0	-0.0	16.26	0.0	175.0	-0.0
			4	0.00	0.0	200.0	-0.0	16.26	0.0	200.0	-0.0
166	180	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0
			2	-0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0
			3	-0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	-0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0
			2	0.00	0.0	142.5	-0.0	16.27	0.0	142.5	-0.0
			3	0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	0.00	0.0	200.0	-0.0	16.27	0.0	200.0	-0.0
139	153	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0
			2	-0.00	0.0	142.5	-0.0	16.27	0.0	142.5	-0.0
			3	-0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	-0.00	0.0	200.0	-0.0	16.27	0.0	200.0	-0.0
			2	0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0
			3	0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0
153	167	16.26	1	0.00	0.0	637.5	0.0	16.26	0.0	637.5	0.0
			2	-0.00	0.0	142.5	0.0	16.26	0.0	142.5	0.0
			3	-0.00	0.0	175.0	0.0	16.26	0.0	175.0	0.0
			4	-0.00	0.0	200.0	0.0	16.26	0.0	200.0	0.0
			2	0.00	0.0	142.5	-0.0	16.26	0.0	142.5	-0.0
			3	0.00	0.0	175.0	0.0	16.26	0.0	175.0	0.0
			4	0.00	0.0	200.0	0.0	16.26	0.0	200.0	0.0
167	181	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0
			2	-0.00	0.0	142.5	-0.0	16.27	0.0	142.5	-0.0
			3	-0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	-0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0
			2	0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0
			3	0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0
140	154	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0
			2	0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0
			3	0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	0.00	0.0	200.0	-0.0	16.27	0.0	200.0	-0.0
			2	-0.00	0.0	142.5	-0.0	16.27	0.0	142.5	-0.0
			3	-0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	-0.00	0.0	200.0	-0.0	16.27	0.0	200.0	-0.0
154	168	16.26	1	0.00	0.0	637.5	0.0	16.26	0.0	637.5	0.0
			2	-0.00	0.0	142.5	-0.0	16.26	0.0	142.5	-0.0
			3	-0.00	0.0	175.0	-0.0	16.26	0.0	175.0	-0.0
			4	-0.00	0.0	200.0	0.0	16.26	0.0	200.0	0.0
			2	0.00	0.0	142.5	-0.0	16.26	0.0	142.5	-0.0
			3	0.00	0.0	175.0	0.0	16.26	0.0	175.0	0.0
			4	0.00	0.0	200.0	-0.0	16.26	0.0	200.0	-0.0
168	182	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0
			2	-0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0
			3	-0.00	0.0	175.0	-0.0	16.27	0.0	175.0	-0.0

			4	-0.00	0.0	200.0	-0.0	16.27	0.0	200.0	-0.0
			2	0.00	0.0	142.5	-0.0	16.27	0.0	142.5	-0.0
			3	0.00	0.0	175.0	-0.0	16.27	0.0	175.0	-0.0
			4	0.00	0.0	200.0	-0.0	16.27	0.0	200.0	-0.0
141	155	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0
			2	-0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0
			3	-0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	-0.00	0.0	200.0	-0.0	16.27	0.0	200.0	-0.0
			2	0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0
			3	0.00	0.0	175.0	-0.0	16.27	0.0	175.0	-0.0
			4	0.00	0.0	200.0	-0.0	16.27	0.0	200.0	-0.0
155	169	16.26	1	0.00	0.0	637.5	0.0	16.26	0.0	637.5	0.0
			2	-0.00	0.0	142.5	0.0	16.26	0.0	142.5	0.0
			3	-0.00	0.0	175.0	0.0	16.26	0.0	175.0	0.0
			4	-0.00	0.0	200.0	-0.0	16.26	0.0	200.0	-0.0
			2	0.00	0.0	142.5	0.0	16.26	0.0	142.5	0.0
			3	0.00	0.0	175.0	0.0	16.26	0.0	175.0	0.0
			4	0.00	0.0	200.0	0.0	16.26	0.0	200.0	0.0
169	183	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0
			2	-0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0
			3	-0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	-0.00	0.0	200.0	-0.0	16.27	0.0	200.0	-0.0
			2	0.00	0.0	142.5	-0.0	16.27	0.0	142.5	-0.0
			3	0.00	0.0	175.0	-0.0	16.27	0.0	175.0	-0.0
			4	0.00	0.0	200.0	-0.0	16.27	0.0	200.0	-0.0
142	156	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0
			2	-0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0
			3	-0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	-0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0
156	170	16.26	1	0.00	0.0	637.5	0.0	16.26	0.0	637.5	0.0
			2	-0.00	0.0	142.5	-0.0	16.26	0.0	142.5	-0.0
			3	-0.00	0.0	175.0	0.0	16.26	0.0	175.0	0.0
			4	-0.00	0.0	200.0	0.0	16.26	0.0	200.0	0.0
170	184	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0
			2	-0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0
			3	-0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	-0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0
107	114	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0
114	121	16.26	1	0.00	0.0	637.5	0.0	16.26	0.0	637.5	0.0
121	128	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0

- Analisi dinamica

- Convenzioni adottate

Nella presente versione del programma ***WinStrand*** l'analisi in campo dinamico della struttura può essere condotta per via *statica equivalente* ovvero per via *modale* facendo uso, per il calcolo della risposta, dello spettro di pseudo accellerazioni fornito dal regolamento italiano.

Nel caso di analisi dinamica condotta per via *statica equivalente* le azioni di piano vengono calcolate facendo riferimento al punto **C.6.1.1.** delle **norme tecniche per le costruzioni in zona sismica** e cioè, definiti:

W_i

peso dell'*i-esimo* impalcato valutato tenendo conto dei carichi permanenti e dei coefficienti riduttivi relativi alle condizioni di carico accidentali

K_{hi}

coefficiente ottenuto tenendo conto del coefficiente di intensità sismica e dei coefficienti di risposta, fondazione, struttura. Ovvero:

$$K_{hi} = C \times R \times \varepsilon \times \beta \times \eta_i$$

dove (indicando con h_j l'altezza del *j-esimo* piano)

$$\eta_i = h_i \frac{\sum_{j=1}^{n} W_j}{\sum_{j}^{n} W_j h_j}$$

L'azione tagliante sull'iesimo piano vale:

$$F_i = K_{hi} \times W_i$$

A tale azione tagliante viene poi associato (qualora il rapporto fra i lati *D* e *B* dell'edificio sia superiore a *2.5* in accordo al punto **C.6.1.2** delle norme citate) il momento torcente di piano:

$$M_i = \lambda \sum_{j=1}^{n} D_j F_j$$

Nel caso di analisi dinamica condotta per via *modale* il programma provvede al calcolo dei modi di vibrare della struttura facendo uso dell'algoritmo noto in letteratura tecnica come *Subspace Iteration*. Una volta *M-Ortonormalizzati* gli autovettori la risposta massima relativa all'*i-esimo* modo di vibrare viene valutata con la formula:

$$S_{iMax} = \frac{L_{ni} \times Sa(T_i)}{M_{ni} \times \omega_i^2}$$

nella quale:

$$Sa(T) = C \times R(T) \times \varepsilon \times \beta \times g$$

con:

$C = (S-2)/100$

$L_{ni} = \{f_i^T\}[M]\{I\}$ e

$M_{ni} = \{f_i^T\}[M]\{f_i^T\}$

I simboli che compaiono nelle espressioni precedenti hanno il seguente significato:

ε
coefficiente di fondazione;

β
coefficiente di struttura;

g
accelerazione di gravità

w_i
i-esima frequenza associata all'*i-esimo* autovettore;

$R(T_i)$
coefficiente di risposta ricavato dallo spettro di *pseudoaccelerazioni* del regolamento;

S
Grado di sismicit&agrve;

f_i
i-esimo autovettore;

M
matrice delle masse;

I
vettore di trascinamento;

Per cui il campo di spostamenti indotto dall'*i-esimo* modo di vibrare sulla struttura vale:

$$V_i = \phi_i \times S_{Max}$$

Il programma per ogni direzione di ingresso del sisma quindi valuta il campo di spostamenti nodali e il campo di sollecitazioni nel generico elemento secondo la formula di quadratura:

$$S = \sqrt{\sum_{i=1}^{n} S_i^2}$$

dove:

n
numero di modi (>= 3) considerati in soluzione

S_i
generica componente di spostamento o di sollecitazione indotta dallo *i-esimo* modo di vibrare nell'elemento.

In output vengono inoltre riportate, per ogni direzione di ingresso del sisma e per ogni modo di vibrare, le cosiddette *masse modali efficaci*. In particolare considerando la *j-esima* direzione di ingresso del sisma e denotando con il pedice *i* le grandezze relative all'*i-esimo* modo di vibrare, vengono forniti in output la grandezze:

- Il modo di vibrare (si noti che per ogni direzione di ingresso il *sub-set* di modi di vibrare utilizzato può cambiare essendo i modi di vibrare scelti in modo tale da fornire il massimo fattore di partecipazione L_{ij}).
- Il fattore di partecipazione L_{ij} (altrimenti noto in letteratura tecnica come g_{ij}).
- Il rapporto percentuale fra il fattore di partecipazione del primo modo considerato ed il generico modo (pari a $100\ L_{ij}/L_{1j}$).
- La massa modale Em_{ij} efficace relativa all'*i-esimo* modo ($Em_{ij}=L_{ij}^2/M_{ij}$).
- Il rapporto fra la massa modale efficace dell'*i-esimo* modo e la massa modale efficace totale, calcolato come $100\ Em_{ij} / Em_{Tot\,j}$.
- La percentuale, cumulativa, della massa modale considerata sommando via via i contributi dovuti ai singoli modi di vibrare e pari a $100\ \Sigma_i\ (Em_{ij} / Em_{Tot\,j})$. Tale valore è pari al 100% per un'analisi dinamica completa.

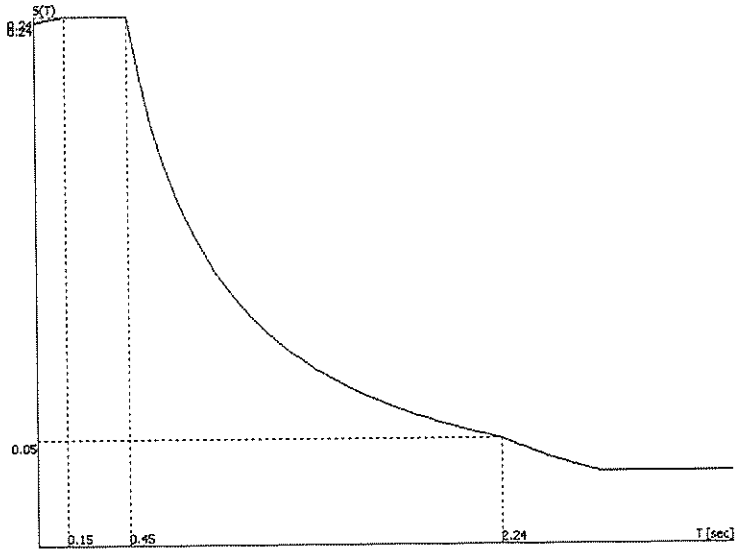
- Dati generali relativi all'analisi dinamica

- Spettro in accordo con TU 2008

- Verona VR Longitudine 10.9989 Latitudine 45.4444
- Tipo di Terreno C
- Coefficiente di amplificazione topografica (S_T) 1.0000
- Vita nominale della costruzione (V_N) 50.0 anni
- Classe d'uso II° coefficiente C_U 1.0
- Classe di duttilità impostata Bassa
- Fattore di struttura massimo q_o per sisma orizzontale 3.00
- Fattore di duttilità K_R per sisma orizzontale 1.00
- Fattore riduttivo regolarità in altezza K_R 0.80
- Fattore riduttivo per la presenza di setti K_W 1.00
- Fattore di struttura q per sisma orizzontale 2.40
- Fattore di struttura q per sisma verticale 1.50
- Smorzamento Viscoso (0.05 = 5%) 0.05

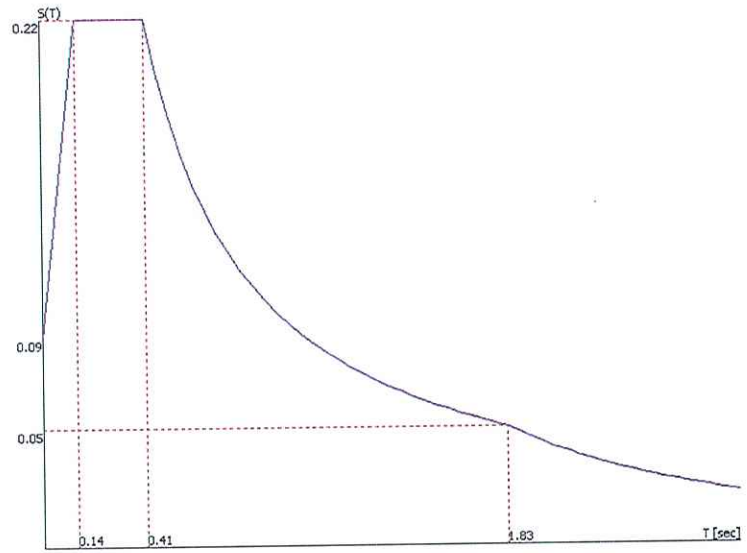
- TU 2008 SLV H

- Probabilità di superamento (P_{VR}) 10.0 e periodo di ritorno (T_R) 475 (anni)
- S_s 1.5
- T_B 0.15 [sec]
- T_C 0.45 [sec]
- T_D 2.24 [sec]
- a_g/g 0.1610
- F_o 2.4300
- T_C^* 0.2800



- TU 2008 SLD H

- Probabilità di superamento (P_{VR}) 63.0 e periodo di ritorno (T_R) 50 (anni)
- S_s 1.5
- T_B 0.14 [sec]
- T_C 0.41 [sec]
- T_D 1.83 [sec]
- a_g/g 0.0571
- F_o 2.5197
- T_C^* 0.2446



Fattori di partecipazione per il calcolo delle masse

Cond. Carico 1 pp 1.0000

Cond. Carico 2 solaio 1.0000

Cond. Carico 3 perm 1.0000

Cond. Carico 4 neve 0.0000

Cond. Carico 5 var B 0.3000

Cond. Carico 6 pannelli solo sisma 1.0000

Cond. Carico 7 vento 0 0.0000

Cond. Carico 8 vento 180 0.0000

Cond. Carico 9 vento 90 0.0000

Cond. Carico 10 vento 270 0.0000

Angoli d'ingresso del Sisma

- SLV Direzione 1 Angolo in pianta 0.00 [°]
- SLV Direzione 2 Angolo in pianta 0.00 [°]
- SLV Direzione 3 Angolo in pianta 180.00 [°]
- SLV Direzione 4 Angolo in pianta 180.00 [°]
- SLV Direzione 5 Angolo in pianta 90.00 [°]
- SLV Direzione 6 Angolo in pianta 90.00 [°]
- SLV Direzione 7 Angolo in pianta 270.00 [°]
- SLV Direzione 8 Angolo in pianta 270.00 [°]
- SLD Direzione 9 Angolo in pianta 0.00 [°]
- SLD Direzione 10 Angolo in pianta 0.00 [°]
- SLD Direzione 11 Angolo in pianta 180.00 [°]
- SLD Direzione 12 Angolo in pianta 180.00 [°]
- SLD Direzione 13 Angolo in pianta 90.00 [°]

- SLD Direzione 14 Angolo in pianta 90.00 [°]
- SLD Direzione 15 Angolo in pianta 270.00 [°]
- SLD Direzione 16 Angolo in pianta 270.00 [°]

Solaio	x [m]	y [m]	z [m]	Massa [UTM]	Jpolare [UTM m²]
1	34.87	24.40	8.60	157938.2	122376632.0

- Rigidezze traslanti dei solai.

Solaio	Kxx [kg/m]	Kyy [kg/m]	Kxy [kg/m]	Kxt [kgm]	Kyt [kgm]
1	3.1e+006	3.1e+006	0.0e+000	1.4e+007	2.4e+006

- Direzione d'ingresso 1 angolo 0.00 [°] + SLV

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	1.99160e+001	4.463	1.41	0.0759
2	1.81835e+001	4.264	1.47	0.0725
3	2.69334e+001	5.190	1.21	0.0883

- Direzione d'ingresso 2 angolo 0.00 [°] - SLV

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	1.99160e+001	4.463	1.41	0.0759
2	1.78027e+001	4.219	1.49	0.0718
3	2.75096e+001	5.245	1.20	0.0892

- Direzione d'ingresso 3 angolo 180.00 [°] + SLV

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	1.99160e+001	4.463	1.41	0.0759
2	1.78027e+001	4.219	1.49	0.0718
3	2.75096e+001	5.245	1.20	0.0892

- Direzione d'ingresso 4 angolo 180.00 [°] - SLV

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	1.99160e+001	4.463	1.41	0.0759
2	1.81835e+001	4.264	1.47	0.0725
3	2.69334e+001	5.190	1.21	0.0883

- Direzione d'ingresso 5 angolo 90.00 [°] + SLV

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	1.97514e+001	4.444	1.41	0.0756
2	1.99160e+001	4.463	1.41	0.0759
3	2.47955e+001	4.980	1.26	0.0847

- Direzione d'ingresso 6 angolo 90.00 [°] - SLV

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	1.64243e+001	4.053	1.55	0.0689
2	2.98182e+001	5.461	1.15	0.0929
3	1.99160e+001	4.463	1.41	0.0759

- Direzione d'ingresso 7 angolo 270.00 [°] + SLV

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	1.64243e+001	4.053	1.55	0.0689
2	2.98182e+001	5.461	1.15	0.0929
3	1.99160e+001	4.463	1.41	0.0759

- Direzione d'ingresso 8 angolo 270.00 [°] - SLV

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	1.97514e+001	4.444	1.41	0.0756
2	1.99160e+001	4.463	1.41	0.0759
3	2.47955e+001	4.980	1.26	0.0847

- Direzione d'ingresso 9 angolo 0.00 [°] + SLD

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	1.99160e+001	4.463	1.41	0.0759
2	1.81835e+001	4.264	1.47	0.0725
3	2.69334e+001	5.190	1.21	0.0883

- Direzione d'ingresso 10 angolo 0.00 [°] - SLD

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	1.99160e+001	4.463	1.41	0.0759
2	1.78027e+001	4.219	1.49	0.0718
3	2.75096e+001	5.245	1.20	0.0892

- Direzione d'ingresso 11 angolo 180.00 [°] + SLD

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	1.99160e+001	4.463	1.41	0.0759
2	1.78027e+001	4.219	1.49	0.0718
3	2.75096e+001	5.245	1.20	0.0892

- Direzione d'ingresso 12 angolo 180.00 [°] - SLD

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	1.99160e+001	4.463	1.41	0.0759
2	1.81835e+001	4.264	1.47	0.0725
3	2.69334e+001	5.190	1.21	0.0883

- Direzione d'ingresso 13 angolo 90.00 [°] + SLD

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	1.97514e+001	4.444	1.41	0.0756
2	1.99160e+001	4.463	1.41	0.0759
3	2.47955e+001	4.980	1.26	0.0847

- Direzione d'ingresso 14 angolo 90.00 [°] - SLD

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	1.64243e+001	4.053	1.55	0.0689
2	2.98182e+001	5.461	1.15	0.0929
3	1.99160e+001	4.463	1.41	0.0759

- Direzione d'ingresso 15 angolo 270.00 [°] + SLD

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	1.64243e+001	4.053	1.55	0.0689
2	2.98182e+001	5.461	1.15	0.0929
3	1.99160e+001	4.463	1.41	0.0759

- Direzione d'ingresso 16 angolo 270.00 [°] - SLD

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	1.97514e+001	4.444	1.41	0.0756
2	1.99160e+001	4.463	1.41	0.0759
3	2.47955e+001	4.980	1.26	0.0847

- Direzione di Ingresso del Sisma 1 Angolo 0.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
1	3.73606e+002	100.0	1.39581e+005	88.4	88.4
2	-1.21335e+002	32.5	1.47221e+004	9.3	97.7
3	-6.02880e+001	16.1	3.63465e+003	2.3	100.0

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 0.00

Solaio	Ingombro in Pianta B [m]	H [m]	Larghezza Apparente [m]	Eccentricità dxG [m]	dyG [m]	Sx [m]	[UTM]x[m]	Sy [m]	[UTM]x[m]	dJp [UTM m²]
1	72.00	48.80	48.80	2.44	0.00	-2.44	385369.2	0.0		940300.7

Direzione di Ingresso del Sisma 1 Angolo 0.00 [°]

Fx	Fy	Mt	Fx Ris.	Fy Ris.	Mt Ris.

Solaio	Modo	[kg]	[kg]	[kgm]	[kg]	[kg]	[kgm]
1	1	103936.5	37692.3	253605.0			
	2	10474.9	-28884.5	450516.2			
	3	3147.4	-8678.9	-509513.6			
				Per Via Statica Equivalente	117605.5	0.0	945975.7
				Per Via Modale	113745.6	20751.2	737442.4
				Variazione	-3859.9	20751.2	-208533.3

- Direzione di Ingresso del Sisma 2 Angolo 0.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
4	3.25188e+002	100.0	1.05747e+005	67.0	67.0
5	2.02060e+002	62.1	4.08283e+004	25.9	92.8
6	1.06595e+002	32.8	1.13626e+004	7.2	100.0

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 0.00

Solaio	Ingombro in Pianta Larghezza		Apparente		Eccentricità dxG	dyG	Sx	Sy	dJp
	B [m]	H [m]		[m]		[m]	[m] [UTM]x[m]	[UTM]x[m]	[UTM m²]
1	72.00	48.80	48.80	2.44	-0.00	2.44	-385369.2	-0.0	940300.7

Direzione di Ingresso del Sisma 2 Angolo 0.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	4	78742.6	-55318.8	-192132.0			
	5	28743.8	40914.8	-804400.2			
	6	9943.9	14154.5	888487.8			
				Per Via Statica Equivalente	117605.5	0.0	-195394.1
				Per Via Modale	105347.4	-35508.5	-1169302.9
				Variazione	-12258.1	-35508.5	-973908.8

- Direzione di Ingresso del Sisma 3 Angolo 180.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
7	-3.25188e+002	100.0	1.05747e+005	67.0	67.0
8	-2.02060e+002	62.1	4.08282e+004	25.9	92.8
9	-1.06595e+002	32.8	1.13626e+004	7.2	100.0

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 180.00

Solaio	Ingombro in Pianta Larghezza		Apparente		Eccentricità dxG	dyG	Sx	Sy	dJp
	B [m]	H [m]		[m]		[m]	[m] [UTM]x[m]	[UTM]x[m]	[UTM m²]
1	72.00	48.80	48.80	2.44	-0.00	2.44	-385369.2	-0.0	940301.0

Direzione di Ingresso del Sisma 3 Angolo 180.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	7	-78742.6	55318.8	192132.0			
	8	-28743.7	-40914.8	804399.8			
	9	-9943.9	-14154.5	-888487.3			
				Per Via Statica Equivalente	-117605.5	-0.0	-945975.5
				Per Via Modale	-105347.4	35508.5	1169302.3

	Variazione	12258.1	35508.5	2115277.8

- Direzione di Ingresso del Sisma 4 Angolo 180.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
10	-3.73606e+002	100.0	1.39581e+005	88.4	88.4
11	1.21335e+002	32.5	1.47222e+004	9.3	97.7
12	6.02881e+001	16.1	3.63466e+003	2.3	100.0

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 180.00

Solaio	Ingombro in Pianta Larghezza		Apparente		Eccentricità dxG	dyG	Sx	Sy	dJp
	B [m]	H [m]		[m]		[m]	[m] [UTM]x[m]	[UTM]x[m]	[UTM m²]
1	72.00	48.80	48.80	2.44	0.00	-2.44	385369.2	0.0	940301.0

Direzione di Ingresso del Sisma 4 Angolo 180.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	10	-103936.5	-37692.3	-253605.0			
	11	-10474.9	28884.5	-450516.9			
	12	-3147.4	8678.9	509514.3			
				Per Via Statica Equivalente	-117605.5	-0.0	195394.2
				Per Via Modale	-113745.6	-20751.2	-737443.2
				Variazione	3859.9	-20751.2	-932837.4

- Direzione di Ingresso del Sisma 5 Angolo 90.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
13	3.06219e+002	100.0	9.37701e+004	59.4	59.4
14	-2.46990e+002	80.7	6.10042e+004	38.6	98.0
15	5.62485e+001	18.4	3.16390e+003	2.0	100.0

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 90.00

Solaio	Ingombro in Pianta Larghezza		Apparente		Eccentricità dxG	dyG	Sx	Sy	dJp
	B [m]	H [m]		[m]		[m]	[m] [UTM]x[m]	[UTM]x[m]	[UTM m²]
1	72.00	48.80	72.00	3.60	3.60	0.00	-0.0	568577.5	2046879.2

Direzione di Ingresso del Sisma 5 Angolo 90.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	13	55162.5	69534.8	-203503.9			
	14	-57260.9	45425.6	163532.0			
	15	2085.4	2628.7	517950.9			
				Per Via Statica Equivalente	-0.0	117118.4	-2086755.8
				Per Via Modale	-3380.3	116100.3	505061.6
				Variazione	-3380.3	-1018.0	2591817.3

- Direzione di Ingresso del Sisma 6 Angolo 90.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot

16	3.40172e+002	100.0	1.15717e+005	73.3	73.3
17	2.01999e+002	59.4	4.08035e+004	25.8	99.1
18	-3.76487e+001	11.1	1.41743e+003	0.9	100.0

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 90.00

Solaio	Ingombro in Pianta		Larghezza Apparente		Eccentricità dxG	dyG	Sx	Sy	dJp
	B [m]	H [m]	[m]		[m]	[m]	[m]	[UTM]x[m]	[UTM]x[m]	[UTM m²]
1	72.00	48.80	72.00	3.60	-3.60	-0.00	0.0	-568577.5		2046879.2

Direzione di Ingresso del Sisma 6 Angolo 90.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	16	7446.4	78249.5	-1580952.8			
	17	3537.9	37177.3	1616779.1			
	18	-11091.2	1055.5	-3799.7			
				Per Via Statica Equivalente	-0.0	106799.8	-104814.8
				Per Via Modale	-9765.2	90471.0	2146964.3
				Variazione	-9765.2	-16328.8	2251779.0

- Direzione di Ingresso del Sisma 7 Angolo 270.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
19	-3.40172e+002	100.0	1.15717e+005	73.3	73.3
20	-2.01999e+002	59.4	4.08035e+004	25.8	99.1
21	3.76485e+001	11.1	1.41741e+003	0.9	100.0

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 270.00

Solaio	Ingombro in Pianta		Larghezza Apparente		Eccentricità dxG	dyG	Sx	Sy	dJp
	B [m]	H [m]	[m]		[m]	[m]	[m]	[UTM]x[m]	[UTM]x[m]	[UTM m²]
1	72.00	48.80	72.00	3.60	-3.60	-0.00	0.1	-568577.6		2046879.4

Direzione di Ingresso del Sisma 7 Angolo 270.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	19	-7446.4	-78249.5	1580952.9			
	20	-3537.9	-37177.3	-1616779.3			
	21	11091.1	-1055.5	3799.6			
				Per Via Statica Equivalente	0.0	-106799.8	1902904.9
				Per Via Modale	9765.1	-90471.0	-2146964.3
				Variazione	9765.1	16328.8	-4049869.3

- Direzione di Ingresso del Sisma 8 Angolo 270.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
22	-3.06219e+002	100.0	9.37701e+004	59.4	59.4
23	2.46990e+002	80.7	6.10042e+004	38.6	98.0
24	-5.62485e+001	18.4	3.16390e+003	2.0	100.0

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 270.00

Solaio	Ingombro in Pianta		Larghezza Apparente		Eccentricità dxG	dyG	Sx	Sy	dJp

	B [m]	H [m]	[m]		[m]	[m]	[m]	[UTM]x[m]	[UTM]x[m]	[UTM m²]
1	72.00	48.80	72.00	3.60	3.60	0.00	-0.1	568577.6		2046879.4

Direzione di Ingresso del Sisma 8 Angolo 270.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	22	-55162.6	-69534.8	203504.0			
	23	57260.9	-45425.6	-163532.1			
	24	-2085.4	-2628.7	-517951.0			
				Per Via Statica Equivalente	0.0	-117118.4	114941.5
				Per Via Modale	3380.2	-116100.3	-505061.7
				Variazione	3380.2	1018.0	-620003.2

- Direzione di Ingresso del Sisma 9 Angolo 0.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
25	3.73606e+002	100.0	1.39581e+005	88.4	88.4
26	-1.21335e+002	32.5	1.47221e+004	9.3	97.7
27	-6.02880e+001	16.1	3.63465e+003	2.3	100.0

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 0.00

Solaio	Ingombro in Pianta		Larghezza Apparente		Eccentricità dxG	dyG	Sx	Sy	dJp
	B [m]	H [m]	[m]		[m]	[m]	[m]	[UTM]x[m]	[UTM]x[m]	[UTM m²]
1	72.00	48.80	48.80	2.44	0.00	-2.44		385369.2	0.0	940300.7

Direzione di Ingresso del Sisma 9 Angolo 0.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	25	85753.6	31098.3	209238.8			
	26	8642.4	-23831.4	371701.9			
	27	2596.8	-7160.6	-420378.2			
				Per Via Statica Equivalente	97031.3	0.0	780484.6
				Per Via Modale	93846.7	17120.9	608432.6
				Variazione	-3184.6	17120.9	-172052.0

- Direzione di Ingresso del Sisma 10 Angolo 0.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
28	3.25188e+002	100.0	1.05747e+005	67.0	67.0
29	2.02060e+002	62.1	4.08283e+004	25.9	92.8
30	1.06595e+002	32.8	1.13626e+004	7.2	100.0

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 0.00

Solaio	Ingombro in Pianta		Larghezza Apparente		Eccentricità dxG	dyG	Sx	Sy	dJp
	B [m]	H [m]	[m]		[m]	[m]	[m]	[UTM]x[m]	[UTM]x[m]	[UTM m²]
1	72.00	48.80	48.80	2.44	-0.00	2.44		-385369.2	-0.0	940300.7

Direzione di Ingresso del Sisma 10 Angolo 0.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	28	64967.2	-45641.2	-158520.0			

	29	23715.3	33757.1	-663676.6			
	30	8204.3	11678.3	733053.7			
				Per Via Statica Equivalente	97031.3	0.0	-161211.4
				Per Via Modale	86917.7	-29296.6	-964742.4
				Variazione	-10113.6	-29296.6	-803530.9

- Direzione di Ingresso del Sisma 11 Angolo 180.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
31	-3.25188e+002	100.0	1.05747e+005	67.0	67.0
32	-2.02060e+002	62.1	4.08282e+004	25.9	92.8
33	-1.06595e+002	32.8	1.13626e+004	7.2	100.0

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 180.00

Solaio	Ingombro in Pianta B [m]	H [m]	Larghezza Apparente [m]	Eccentricità dxG [m]	dyG [m]	Sx [UTM]x[m]	Sy [UTM]x[m]	dJp [UTM m²]
1	72.00	48.80	48.80	2.44	-0.00	2.44	-385369.2	-0.0	940301.0

Direzione di Ingresso del Sisma 11 Angolo 180.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	31	-64967.2	45641.2	158520.0			
	32	-23715.2	-33757.1	663676.3			
	33	-8204.3	-11678.3	-733053.3			
				Per Via Statica Equivalente	-97031.3	-0.0	-780484.4
				Per Via Modale	-86917.7	29296.6	964741.9
				Variazione	10113.6	29296.6	1745226.3

- Direzione di Ingresso del Sisma 12 Angolo 180.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
34	-3.73606e+002	100.0	1.39581e+005	88.4	88.4
35	1.21335e+002	32.5	1.47222e+004	9.3	97.7
36	6.02881e+001	16.1	3.63466e+003	2.3	100.0

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 180.00

Solaio	Ingombro in Pianta B [m]	H [m]	Larghezza Apparente [m]	Eccentricità dxG [m]	dyG [m]	Sx [UTM]x[m]	Sy [UTM]x[m]	dJp [UTM m²]
1	72.00	48.80	48.80	2.44	0.00	-2.44	385369.2	0.0	940301.0

Direzione di Ingresso del Sisma 12 Angolo 180.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	34	-85753.6	-31098.3	-209238.8			
	35	-8642.4	23831.4	-371702.4			
	36	-2596.8	7160.6	420378.8			
				Per Via Statica Equivalente	-97031.3	-0.0	161211.5
				Per Via Modale	-93846.7	-17120.9	-608433.3
				Variazione	3184.6	-17120.9	-769644.7

- Direzione di Ingresso del Sisma 13 Angolo 90.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
37	3.06219e+002	100.0	9.37701e+004	59.4	59.4
38	-2.46990e+002	80.7	6.10042e+004	38.6	98.0
39	5.62485e+001	18.4	3.16390e+003	2.0	100.0

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 90.00

Solaio	Ingombro in Pianta B [m]	H [m]	Larghezza Apparente [m]	Eccentricità dxG [m]	dyG [m]	Sx [UTM]x[m]	Sy [UTM]x[m]	dJp [UTM m²]
1	72.00	48.80	72.00	3.60	3.60	0.00	-0.0	568577.5	2046879.2

Direzione di Ingresso del Sisma 13 Angolo 90.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	37	45512.3	57370.2	-167902.4			
	38	-47243.6	37478.7	134923.3			
	39	1720.6	2168.9	427339.4			
				Per Via Statica Equivalente	-0.0	96629.4	-1721694.0
				Per Via Modale	-2788.9	95789.5	416705.0
				Variazione	-2788.9	-839.9	2138399.0

- Direzione di Ingresso del Sisma 14 Angolo 90.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
40	3.40172e+002	100.0	1.15717e+005	73.3	73.3
41	2.01999e+002	59.4	4.08035e+004	25.8	99.1
42	-3.76487e+001	11.1	1.41743e+003	0.9	100.0

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 90.00

Solaio	Ingombro in Pianta B [m]	H [m]	Larghezza Apparente [m]	Eccentricità dxG [m]	dyG [m]	Sx [UTM]x[m]	Sy [UTM]x[m]	dJp [UTM m²]
1	72.00	48.80	72.00	3.60	-3.60	-0.00	0.0	-568577.5	2046879.2

Direzione di Ingresso del Sisma 14 Angolo 90.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	40	6143.7	64560.4	-1304377.4			
	41	2919.0	30673.4	1333936.1			
	42	-9150.8	870.8	-3134.9			
				Per Via Statica Equivalente	-0.0	88116.0	-86478.2
				Per Via Modale	-8056.8	74643.8	1771369.5
				Variazione	-8056.8	-13472.2	1857847.6

- Direzione di Ingresso del Sisma 15 Angolo 270.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
43	-3.40172e+002	100.0	1.15717e+005	73.3	73.3
44	-2.01999e+002	59.4	4.08035e+004	25.8	99.1

45	3.76485e+001	11.1	1.41741e+003	0.9	100.0

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 270.00

Solaio	Ingombro in Pianta B [m]	H [m]	Larghezza Apparente [m]	Eccentricità dxG [m]	dyG [m]	Sx [m]	Sy [UTM]x[m]	dJp [UTM]x[m] [UTM m²]
1	72.00	48.80	72.00	3.60	-3.60	-0.00	0.1	-568577.6	2046879.4

Direzione di Ingresso del Sisma 15 Angolo 270.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	43	-6143.7	-64560.4	1304377.4			
	44	-2919.0	-30673.4	-1333936.1			
	45	9150.8	-870.8	3134.9			
				Per Via Statica Equivalente	0.0	-88116.0	1570006.4
				Per Via Modale	8056.8	-74643.8	-1771369.5
				Variazione	8056.8	13472.2	-3341376.0

- Direzione di Ingresso del Sisma 16 Angolo 270.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
46	-3.06219e+002	100.0	9.37701e+004	59.4	59.4
47	2.46990e+002	80.7	6.10042e+004	38.6	98.0
48	-5.62485e+001	18.4	3.16390e+003	2.0	100.0

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 270.00

Solaio	Ingombro in Pianta B [m]	H [m]	Larghezza Apparente [m]	Eccentricità dxG [m]	dyG [m]	Sx [m]	Sy [UTM]x[m]	dJp [UTM]x[m] [UTM m²]
1	72.00	48.80	72.00	3.60	3.60	0.00	-0.1	568577.6	2046879.4

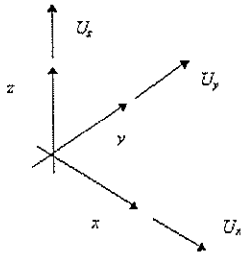
Direzione di Ingresso del Sisma 16 Angolo 270.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	46	-45512.3	-57370.2	167902.5			
	47	47243.5	-37478.7	-134923.4			
	48	-1720.6	-2168.9	-427339.5			
				Per Via Statica Equivalente	0.0	-96629.4	94833.4
				Per Via Modale	2788.9	-95789.5	-416705.0
				Variazione	2788.9	839.9	-511538.4

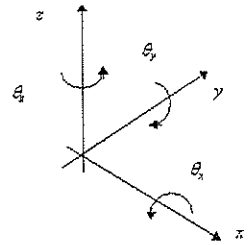
- Spostamenti nodali

- Convenzioni adottate

La terna di riferimento generale è destrorsa per cui si hanno i seguenti segni positivi per le componenti di spostamento nodale:



e per quanto riguarda le rotazioni:



Nel seguito vengono riportate, per ogni nodo (con esclusione dei nodi *K* che definiscono l'orientamento delle aste e quindi, essendo bloccati, hanno componenti di spostamento nulle), le componenti di spostamento in tutte le combinazioni di carico definite.

Nodo	Comb.	Ux [cm]	Uy [cm]	Uz [cm]	Rx [°]	Ry [°]	Rz [°]
1	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00

	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
	51	0.00	0.00	0.00	0.00	0.00	0.00
	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
	56	0.00	0.00	0.00	0.00	0.00	0.00
	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
2	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00

	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
	51	0.00	0.00	0.00	0.00	0.00	0.00
	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
	56	0.00	0.00	0.00	0.00	0.00	0.00
	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00

	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
3	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
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	30	0.00	0.00	0.00	0.00	0.00	0.00
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	53	0.00	0.00	0.00	0.00	0.00	0.00
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	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
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	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
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	5	0.00	0.00	0.00	0.00	0.00	0.00
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	7	0.00	0.00	0.00	0.00	0.00	0.00
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	11	0.00	0.00	0.00	0.00	0.00	0.00
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	36	0.00	0.00	0.00	0.00	0.00	0.00
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	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
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	44	0.00	0.00	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
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	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
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	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
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	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
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	67	0.00	0.00	0.00	0.00	0.00	0.00
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	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
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	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
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	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
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	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
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	37	0.00	0.00	0.00	0.00	0.00	0.00
	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	0.00	0.00	0.00
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	43	0.00	0.00	0.00	0.00	0.00	0.00
	44	0.00	0.00	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
	51	0.00	0.00	0.00	0.00	0.00	0.00
	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
	56	0.00	0.00	0.00	0.00	0.00	0.00
	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
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	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
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	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
6	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
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	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
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	44	0.00	0.00	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
	51	0.00	0.00	0.00	0.00	0.00	0.00
	52	0.00	0.00	0.00	0.00	0.00	0.00

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	55	0.00	0.00	0.00	0.00	0.00	0.00
	56	0.00	0.00	0.00	0.00	0.00	0.00
	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
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	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
7	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
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	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	0.00	0.00	0.00
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	43	0.00	0.00	0.00	0.00	0.00	0.00
	44	0.00	0.00	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
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	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
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	53	0.00	0.00	0.00	0.00	0.00	0.00
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	55	0.00	0.00	0.00	0.00	0.00	0.00
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	57	0.00	0.00	0.00	0.00	0.00	0.00
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	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
8	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
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	9	0.00	0.00	0.00	0.00	0.00	0.00
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	11	0.00	0.00	0.00	0.00	0.00	0.00
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	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
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	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	0.00	0.00	0.00
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	43	0.00	0.00	0.00	0.00	0.00	0.00
	44	0.00	0.00	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
	51	0.00	0.00	0.00	0.00	0.00	0.00
	52	0.00	0.00	0.00	0.00	0.00	0.00
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	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
	56	0.00	0.00	0.00	0.00	0.00	0.00
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	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
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	63	0.00	0.00	0.00	0.00	0.00	0.00
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	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00

	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
9	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
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	44	0.00	0.00	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
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	51	0.00	0.00	0.00	0.00	0.00	0.00
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	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
10	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
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	11	0.00	0.00	0.00	0.00	0.00	0.00
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	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
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	21	0.00	0.00	0.00	0.00	0.00	0.00
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	35	0.00	0.00	0.00	0.00	0.00	0.00
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	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
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	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
11	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
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	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
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	10	0.00	0.00	0.00	0.00	0.00	0.00
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	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
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	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
	56	0.00	0.00	0.00	0.00	0.00	0.00
	57	0.00	0.00	0.00	0.00	0.00	0.00
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	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00

	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
12	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
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	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
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	44	0.00	0.00	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
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	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
13	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
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	10	0.00	0.00	0.00	0.00	0.00	0.00
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	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
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	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
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	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
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	39	0.00	0.00	0.00	0.00	0.00	0.00
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	41	0.00	0.00	0.00	0.00	0.00	0.00
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	43	0.00	0.00	0.00	0.00	0.00	0.00
	44	0.00	0.00	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
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	53	0.00	0.00	0.00	0.00	0.00	0.00
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	64	0.00	0.00	0.00	0.00	0.00	0.00
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	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
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	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
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	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
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	6	0.00	0.00	0.00	0.00	0.00	0.00
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	12	0.00	0.00	0.00	0.00	0.00	0.00
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	15	0.00	0.00	0.00	0.00	0.00	0.00
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	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
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	30	0.00	0.00	0.00	0.00	0.00	0.00
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	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
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	41	0.00	0.00	0.00	0.00	0.00	0.00
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	44	0.00	0.00	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
	51	0.00	0.00	0.00	0.00	0.00	0.00
	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
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	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
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	63	0.00	0.00	0.00	0.00	0.00	0.00
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	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00

	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
15	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
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	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
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	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
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	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
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	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	0.00	0.00	0.00
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	43	0.00	0.00	0.00	0.00	0.00	0.00
	44	0.00	0.00	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
	51	0.00	0.00	0.00	0.00	0.00	0.00
	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
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	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
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	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
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	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
16	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
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	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
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	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
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	43	0.00	0.00	0.00	0.00	0.00	0.00
	44	0.00	0.00	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
	51	0.00	0.00	0.00	0.00	0.00	0.00
	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
	56	0.00	0.00	0.00	0.00	0.00	0.00
	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
17	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00

	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
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	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	0.00	0.00	0.00
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	43	0.00	0.00	0.00	0.00	0.00	0.00
	44	0.00	0.00	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
	51	0.00	0.00	0.00	0.00	0.00	0.00
	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
	56	0.00	0.00	0.00	0.00	0.00	0.00
	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00

	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
18	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
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	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
	51	0.00	0.00	0.00	0.00	0.00	0.00
	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
	56	0.00	0.00	0.00	0.00	0.00	0.00
	57	0.00	0.00	0.00	0.00	0.00	0.00
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	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
19	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
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	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
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	37	0.00	0.00	0.00	0.00	0.00	0.00
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	41	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
	51	0.00	0.00	0.00	0.00	0.00	0.00
	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
	56	0.00	0.00	0.00	0.00	0.00	0.00
	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
20	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00

	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
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	36	0.00	0.00	0.00	0.00	0.00	0.00
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	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
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	43	0.00	0.00	0.00	0.00	0.00	0.00
	44	0.00	0.00	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
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	49	0.00	0.00	0.00	0.00	0.00	0.00
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	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
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	59	0.00	0.00	0.00	0.00	0.00	0.00
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	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
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	66	0.00	0.00	0.00	0.00	0.00	0.00
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	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
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	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
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	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00

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	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
21	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
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	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
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	9	0.00	0.00	0.00	0.00	0.00	0.00
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	28	0.00	0.00	0.00	0.00	0.00	0.00
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	30	0.00	0.00	0.00	0.00	0.00	0.00
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	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
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	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
22	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
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	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
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	37	0.00	0.00	0.00	0.00	0.00	0.00
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	39	0.00	0.00	0.00	0.00	0.00	0.00
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	41	0.00	0.00	0.00	0.00	0.00	0.00

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	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
	51	0.00	0.00	0.00	0.00	0.00	0.00
	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
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	55	0.00	0.00	0.00	0.00	0.00	0.00
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	59	0.00	0.00	0.00	0.00	0.00	0.00
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	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
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	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
23	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
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	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
	51	0.00	0.00	0.00	0.00	0.00	0.00
	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
	56	0.00	0.00	0.00	0.00	0.00	0.00
	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00

	86	0.00	0.00	0.00	0.00	0.00	0.00
24	1	0.00	0.00	0.00	0.00	0.00	0.00
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	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
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	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	0.00	0.00	0.00
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	43	0.00	0.00	0.00	0.00	0.00	0.00
	44	0.00	0.00	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
	51	0.00	0.00	0.00	0.00	0.00	0.00
	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
	56	0.00	0.00	0.00	0.00	0.00	0.00
	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
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	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
25	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
	51	0.00	0.00	0.00	0.00	0.00	0.00
	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
	56	0.00	0.00	0.00	0.00	0.00	0.00
	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
26	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
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	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
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	48	0.00	0.00	0.00	0.00	0.00	0.00
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	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
	56	0.00	0.00	0.00	0.00	0.00	0.00
	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
27	1	0.00	0.00	0.00	0.00	0.00	0.00

	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
	51	0.00	0.00	0.00	0.00	0.00	0.00
	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
	56	0.00	0.00	0.00	0.00	0.00	0.00
	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00

	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
28	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00

	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
	51	0.00	0.00	0.00	0.00	0.00	0.00
	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
	56	0.00	0.00	0.00	0.00	0.00	0.00
	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
101	1	0.35	0.01	-0.03	0.00	0.00	-0.00
	2	-0.17	-0.01	-0.03	0.00	0.00	0.00
	3	-0.07	0.90	-0.03	0.00	0.00	-0.00
	4	0.12	-1.11	-0.03	0.00	0.00	0.00
	5	0.58	0.02	-0.03	0.00	0.00	-0.00
	6	-0.29	-0.01	-0.03	0.00	0.00	0.00
	7	-0.11	1.49	-0.03	0.00	0.00	-0.00
	8	0.19	-1.85	-0.03	0.00	0.00	0.00
	9	4.04	-0.10	-0.02	0.00	0.00	0.01
	10	3.68	0.29	-0.02	0.00	0.00	-0.00
	11	4.61	-3.14	-0.02	0.00	0.00	0.03
	12	4.25	-2.75	-0.02	0.00	0.00	0.02
	13	2.29	3.82	-0.02	0.00	0.00	-0.03
	14	1.94	4.22	-0.02	0.00	0.00	-0.04
	15	2.87	0.79	-0.02	0.00	0.00	-0.01
	16	2.51	1.18	-0.02	0.00	0.00	-0.02
	17	-2.51	-1.18	-0.02	0.00	0.00	0.02
	18	-2.87	-0.79	-0.02	0.00	0.00	0.01
	19	-1.94	-4.22	-0.02	0.00	0.00	0.04
	20	-2.29	-3.82	-0.02	0.00	0.00	0.03
	21	-4.25	2.75	-0.02	0.00	0.00	-0.02
	22	-4.61	3.14	-0.02	0.00	0.00	-0.03
	23	-3.68	-0.29	-0.02	0.00	0.00	0.00
	24	-4.04	0.10	-0.02	0.00	0.00	-0.01

	25	0.88	3.98	-0.02	0.00	0.00	-0.01
	26	0.36	5.15	-0.02	0.00	0.00	-0.02
	27	-1.08	3.65	-0.02	0.00	0.00	-0.00
	28	-1.60	4.83	-0.05	0.00	0.00	-0.01
	29	-0.31	5.29	-0.02	0.00	0.00	-0.04
	30	-0.83	6.47	-0.02	0.00	0.00	-0.05
	31	-2.27	4.97	-0.02	0.00	0.00	-0.04
	32	-2.79	6.15	-0.02	0.00	0.00	-0.05
	33	2.79	-6.15	-0.02	0.00	0.00	0.05
	34	2.27	-4.97	-0.02	0.00	0.00	0.04
	35	0.83	-6.47	-0.02	0.00	0.00	0.05
	36	0.31	-5.29	-0.02	0.00	0.00	0.04
	37	1.60	-4.83	-0.02	0.00	0.00	0.01
	38	1.08	-3.65	-0.02	0.00	0.00	0.00
	39	-0.36	-5.15	-0.02	0.00	0.00	0.02
	40	-0.88	-3.98	-0.02	0.00	0.00	0.01
	41	0.23	0.01	-0.02	0.00	0.00	-0.00
	42	-0.12	-0.00	-0.02	0.00	0.00	0.00
	43	-0.04	0.60	-0.02	0.00	0.00	-0.00
	44	0.08	-0.74	-0.02	0.00	0.00	0.00
	45	0.39	0.01	-0.02	0.00	0.00	-0.00
	46	-0.19	-0.01	-0.02	0.00	0.00	0.00
	47	-0.07	1.00	-0.02	0.00	0.00	-0.00
	48	0.13	-1.23	-0.02	0.00	0.00	0.00
	49	0.00	0.00	-0.02	0.00	0.00	0.00
	50	0.08	0.00	-0.02	0.00	0.00	-0.00
	51	-0.04	-0.00	-0.02	0.00	0.00	0.00
	52	-0.01	0.20	-0.02	0.00	0.00	-0.00
	53	0.03	-0.25	-0.02	0.00	0.00	0.00
	54	0.00	0.00	-0.02	0.00	0.00	0.00
	55	3.33	-0.09	-0.02	0.00	0.00	0.01
	56	3.04	0.24	-0.02	0.00	0.00	-0.00
	57	3.80	-2.59	-0.02	0.00	0.00	0.02
	58	3.51	-2.27	-0.02	0.00	0.00	0.01
	59	1.89	3.16	-0.02	0.00	0.00	-0.02
	60	1.60	3.48	-0.02	0.00	0.00	-0.03
	61	2.37	0.65	-0.05	0.00	0.00	-0.01
	62	2.07	0.98	-0.02	0.00	0.00	-0.02
	63	-2.07	-0.98	-0.02	0.00	0.00	0.02
	64	-2.37	-0.65	-0.02	0.00	0.00	0.01
	65	-1.60	-3.48	-0.02	0.00	0.00	0.03
	66	-1.89	-3.16	-0.02	0.00	0.00	0.02
	67	-3.51	2.27	-0.02	0.00	0.00	-0.01
	68	-3.80	2.59	-0.02	0.00	0.00	-0.02
	69	-3.04	-0.24	-0.02	0.00	0.00	0.00
	70	-3.33	0.09	-0.02	0.00	0.00	-0.01
	71	0.73	3.28	-0.05	0.00	0.00	-0.01
	72	0.30	4.25	-0.02	0.00	0.00	-0.01
	73	-0.89	3.01	-0.02	0.00	0.00	-0.00
	74	-1.32	3.99	-0.02	0.00	0.00	-0.01
	75	-0.25	4.37	-0.02	0.00	0.00	-0.03
	76	-0.68	5.34	-0.02	0.00	0.00	-0.04
	77	-1.87	4.10	-0.02	0.00	0.00	-0.03
	78	-2.31	5.07	-0.02	0.00	0.00	-0.04
	79	2.31	-5.07	-0.02	0.00	0.00	0.04
	80	1.87	-4.10	-0.02	0.00	0.00	0.03
	81	0.68	-5.34	-0.02	0.00	0.00	0.04
	82	0.25	-4.37	-0.02	0.00	0.00	0.03
	83	1.32	-3.99	-0.02	0.00	0.00	0.01
	84	0.89	-3.01	-0.02	0.00	0.00	0.00
	85	-0.30	-4.25	-0.02	0.00	0.00	0.01
	86	-0.73	-3.28	-0.02	0.00	0.00	0.01
102	1	0.35	0.01	-0.07	0.00	0.00	-0.00
	2	-0.17	-0.00	-0.07	0.00	0.00	0.00
	3	-0.07	0.86	-0.07	0.00	0.00	-0.00

	4	0.12	-1.05	-0.07	0.00	0.00	0.00
	5	0.58	0.01	-0.06	0.00	0.00	-0.00
	6	-0.29	-0.01	-0.06	0.00	0.00	0.00
	7	-0.11	1.44	-0.06	0.00	0.00	-0.00
	8	0.19	-1.75	-0.06	0.00	0.00	0.00
	9	4.04	0.09	-0.04	0.00	0.00	0.01
	10	3.68	0.28	-0.04	0.00	0.00	-0.00
	11	4.61	-2.60	-0.04	0.00	0.00	0.03
	12	4.25	-2.41	-0.04	0.00	0.00	0.02
	13	2.29	3.28	-0.04	0.00	0.00	-0.03
	14	1.94	3.47	-0.04	0.00	0.00	-0.04
	15	2.87	0.59	-0.04	0.00	0.00	-0.01
	16	2.51	0.78	-0.04	0.00	0.00	-0.02
	17	-2.51	-0.78	-0.04	0.00	0.00	0.02
	18	-2.87	-0.59	-0.04	0.00	0.00	0.01
	19	-1.94	-3.47	-0.04	0.00	0.00	0.04
	20	-2.29	-3.28	-0.04	0.00	0.00	0.03
	21	-4.25	2.41	-0.04	0.00	0.00	-0.02
	22	-4.61	2.60	-0.04	0.00	0.00	-0.03
	23	-3.68	-0.28	-0.04	0.00	0.00	0.00
	24	-4.04	-0.09	-0.04	0.00	0.00	-0.01
	25	0.88	3.83	-0.04	0.00	0.00	-0.01
	26	0.36	4.78	-0.04	0.00	0.00	-0.02
	27	-1.08	3.57	-0.04	0.00	0.00	-0.00
	28	-1.60	4.52	-0.07	0.00	0.00	-0.01
	29	-0.31	4.46	-0.04	0.00	0.00	-0.04
	30	-0.83	5.41	-0.04	0.00	0.00	-0.05
	31	-2.27	4.19	-0.04	0.00	0.00	-0.04
	32	-2.79	5.15	-0.04	0.00	0.00	-0.05
	33	2.79	-5.15	-0.04	0.00	0.00	0.05
	34	2.27	-4.19	-0.04	0.00	0.00	0.04
	35	0.83	-5.41	-0.04	0.00	0.00	0.05
	36	0.31	-4.46	-0.04	0.00	0.00	0.04
	37	1.60	-4.52	-0.04	0.00	0.00	0.01
	38	1.08	-3.57	-0.04	0.00	0.00	0.00
	39	-0.36	-4.78	-0.04	0.00	0.00	0.02
	40	-0.88	-3.83	-0.04	0.00	0.00	0.01
	41	0.23	0.01	-0.05	0.00	0.00	-0.00
	42	-0.12	-0.00	-0.05	0.00	0.00	0.00
	43	-0.04	0.57	-0.05	0.00	0.00	-0.00
	44	0.08	-0.70	-0.05	0.00	0.00	0.00
	45	0.39	0.01	-0.05	0.00	0.00	-0.00
	46	-0.19	-0.00	-0.05	0.00	0.00	0.00
	47	-0.07	0.96	-0.05	0.00	0.00	-0.00
	48	0.13	-1.17	-0.05	0.00	0.00	0.00
	49	0.00	0.00	-0.04	0.00	0.00	0.00
	50	0.08	0.00	-0.04	0.00	0.00	-0.00
	51	-0.04	-0.00	-0.04	0.00	0.00	0.00
	52	-0.01	0.19	-0.04	0.00	0.00	-0.00
	53	0.03	-0.23	-0.04	0.00	0.00	0.00
	54	0.00	0.00	-0.04	0.00	0.00	0.00
	55	3.33	0.08	-0.04	0.00	0.00	0.01
	56	3.04	0.23	-0.04	0.00	0.00	-0.00
	57	3.80	-2.15	-0.04	0.00	0.00	0.02
	58	3.51	-1.99	-0.04	0.00	0.00	0.01
	59	1.89	2.71	-0.04	0.00	0.00	-0.02
	60	1.60	2.86	-0.04	0.00	0.00	-0.03
	61	2.37	0.49	-0.07	0.00	0.00	-0.01
	62	2.07	0.64	-0.04	0.00	0.00	-0.02
	63	-2.07	-0.64	-0.04	0.00	0.00	0.02
	64	-2.37	-0.49	-0.04	0.00	0.00	0.01
	65	-1.60	-2.86	-0.04	0.00	0.00	0.03
	66	-1.89	-2.71	-0.04	0.00	0.00	0.02
	67	-3.51	1.99	-0.04	0.00	0.00	-0.01
	68	-3.80	2.15	-0.04	0.00	0.00	-0.02

	69	-3.04	-0.23	-0.04	0.00	0.00	0.00
	70	-3.33	-0.08	-0.04	0.00	0.00	-0.01
	71	0.73	3.16	-0.07	0.00	0.00	-0.01
	72	0.30	3.95	-0.04	0.00	0.00	-0.01
	73	-0.89	2.94	-0.04	0.00	0.00	-0.00
	74	-1.32	3.73	-0.04	0.00	0.00	-0.01
	75	-0.25	3.68	-0.04	0.00	0.00	-0.03
	76	-0.68	4.47	-0.04	0.00	0.00	-0.04
	77	-1.87	3.46	-0.04	0.00	0.00	-0.03
	78	-2.31	4.25	-0.04	0.00	0.00	-0.04
	79	2.31	-4.25	-0.04	0.00	0.00	0.04
	80	1.87	-3.46	-0.04	0.00	0.00	0.03
	81	0.68	-4.47	-0.04	0.00	0.00	0.04
	82	0.25	-3.68	-0.04	0.00	0.00	0.03
	83	1.32	-3.73	-0.04	0.00	0.00	0.01
	84	0.89	-2.94	-0.04	0.00	0.00	0.00
	85	-0.30	-3.95	-0.04	0.00	0.00	0.01
	86	-0.73	-3.16	-0.04	0.00	0.00	0.01
103	1	0.35	0.00	-0.07	0.00	0.00	-0.00
	2	-0.17	-0.00	-0.07	0.00	0.00	0.00
	3	-0.07	0.83	-0.07	0.00	0.00	-0.00
	4	0.12	-0.99	-0.07	0.00	0.00	0.00
	5	0.58	0.01	-0.07	0.00	0.00	-0.00
	6	-0.29	-0.00	-0.07	0.00	0.00	0.00
	7	-0.11	1.38	-0.07	0.00	0.00	-0.00
	8	0.19	-1.65	-0.07	0.00	0.00	0.00
	9	4.04	0.29	-0.04	0.00	0.00	0.01
	10	3.68	0.27	-0.04	0.00	0.00	-0.00
	11	4.61	-2.06	-0.04	0.00	0.00	0.03
	12	4.25	-2.08	-0.04	0.00	0.00	0.02
	13	2.29	2.74	-0.04	0.00	0.00	-0.03
	14	1.94	2.72	-0.04	0.00	0.00	-0.04
	15	2.87	0.39	-0.04	0.00	0.00	-0.01
	16	2.51	0.37	-0.04	0.00	0.00	-0.02
	17	-2.51	-0.37	-0.04	0.00	0.00	0.02
	18	-2.87	-0.39	-0.04	0.00	0.00	0.01
	19	-1.94	-2.72	-0.04	0.00	0.00	0.04
	20	-2.29	-2.74	-0.04	0.00	0.00	0.03
	21	-4.25	2.08	-0.04	0.00	0.00	-0.02
	22	-4.61	2.06	-0.04	0.00	0.00	-0.03
	23	-3.68	-0.27	-0.04	0.00	0.00	0.00
	24	-4.04	-0.29	-0.04	0.00	0.00	-0.01
	25	0.88	3.68	-0.04	0.00	0.00	-0.01
	26	0.36	4.42	-0.04	0.00	0.00	-0.02
	27	-1.08	3.48	-0.04	0.00	0.00	-0.00
	28	-1.60	4.22	-0.07	0.00	0.00	-0.01
	29	-0.31	3.62	-0.04	0.00	0.00	-0.04
	30	-0.83	4.35	-0.04	0.00	0.00	-0.05
	31	-2.27	3.42	-0.04	0.00	0.00	-0.04
	32	-2.79	4.15	-0.04	0.00	0.00	-0.05
	33	2.79	-4.15	-0.04	0.00	0.00	0.05
	34	2.27	-3.42	-0.04	0.00	0.00	0.04
	35	0.83	-4.35	-0.04	0.00	0.00	0.05
	36	0.31	-3.62	-0.04	0.00	0.00	0.04
	37	1.60	-4.22	-0.04	0.00	0.00	0.01
	38	1.08	-3.48	-0.04	0.00	0.00	0.00
	39	-0.36	-4.42	-0.04	0.00	0.00	0.02
	40	-0.88	-3.68	-0.04	0.00	0.00	0.01
	41	0.23	0.00	-0.05	0.00	0.00	-0.00
	42	-0.12	-0.00	-0.05	0.00	0.00	0.00
	43	-0.04	0.55	-0.05	0.00	0.00	-0.00
	44	0.08	-0.66	-0.05	0.00	0.00	0.00
	45	0.39	0.00	-0.05	0.00	0.00	-0.00
	46	-0.19	-0.00	-0.05	0.00	0.00	0.00
	47	-0.07	0.92	-0.05	0.00	0.00	-0.00

	48	0.13	-1.10	-0.05	0.00	0.00	0.00
	49	0.00	0.00	-0.05	0.00	0.00	0.00
	50	0.08	0.00	-0.04	0.00	0.00	-0.00
	51	-0.04	-0.00	-0.04	0.00	0.00	0.00
	52	-0.01	0.18	-0.04	0.00	0.00	-0.00
	53	0.03	-0.22	-0.04	0.00	0.00	0.00
	54	0.00	0.00	-0.04	0.00	0.00	0.00
	55	3.33	0.24	-0.04	0.00	0.00	0.01
	56	3.04	0.22	-0.04	0.00	0.00	-0.00
	57	3.80	-1.70	-0.04	0.00	0.00	0.02
	58	3.51	-1.72	-0.04	0.00	0.00	0.01
	59	1.89	2.26	-0.04	0.00	0.00	-0.02
	60	1.60	2.25	-0.04	0.00	0.00	-0.03
	61	2.37	0.32	-0.07	0.00	0.00	-0.01
	62	2.07	0.31	-0.04	0.00	0.00	-0.02
	63	-2.07	-0.31	-0.04	0.00	0.00	0.02
	64	-2.37	-0.32	-0.04	0.00	0.00	0.01
	65	-1.60	-2.25	-0.04	0.00	0.00	0.03
	66	-1.89	-2.26	-0.04	0.00	0.00	0.02
	67	-3.51	1.72	-0.04	0.00	0.00	-0.01
	68	-3.80	1.70	-0.04	0.00	0.00	-0.02
	69	-3.04	-0.22	-0.04	0.00	0.00	0.00
	70	-3.33	-0.24	-0.04	0.00	0.00	-0.01
	71	0.73	3.04	-0.07	0.00	0.00	-0.01
	72	0.30	3.64	-0.04	0.00	0.00	-0.01
	73	-0.89	2.87	-0.04	0.00	0.00	-0.00
	74	-1.32	3.48	-0.04	0.00	0.00	-0.01
	75	-0.25	2.98	-0.04	0.00	0.00	-0.03
	76	-0.68	3.59	-0.04	0.00	0.00	-0.04
	77	-1.87	2.82	-0.04	0.00	0.00	-0.03
	78	-2.31	3.43	-0.04	0.00	0.00	-0.04
	79	2.31	-3.43	-0.04	0.00	0.00	0.04
	80	1.87	-2.82	-0.04	0.00	0.00	0.03
	81	0.68	-3.59	-0.04	0.00	0.00	0.04
	82	0.25	-2.98	-0.04	0.00	0.00	0.03
	83	1.32	-3.48	-0.04	0.00	0.00	0.01
	84	0.89	-2.87	-0.04	0.00	0.00	0.00
	85	-0.30	-3.64	-0.04	0.00	0.00	0.01
	86	-0.73	-3.04	-0.04	0.00	0.00	0.01
104	1	0.35	0.00	-0.07	0.00	0.00	-0.00
	2	-0.17	-0.00	-0.07	0.00	0.00	0.00
	3	-0.07	0.79	-0.07	0.00	0.00	-0.00
	4	0.12	-0.93	-0.07	0.00	0.00	0.00
	5	0.58	0.00	-0.06	0.00	0.00	-0.00
	6	-0.29	-0.00	-0.06	0.00	0.00	0.00
	7	-0.11	1.32	-0.06	0.00	0.00	-0.00
	8	0.19	-1.55	-0.06	0.00	0.00	0.00
	9	4.04	0.49	-0.04	0.00	0.00	0.01
	10	3.68	0.26	-0.04	0.00	0.00	-0.00
	11	4.61	-1.52	-0.04	0.00	0.00	0.03
	12	4.25	-1.75	-0.04	0.00	0.00	0.02
	13	2.29	2.20	-0.04	0.00	0.00	-0.03
	14	1.94	1.97	-0.04	0.00	0.00	-0.04
	15	2.87	0.19	-0.04	0.00	0.00	-0.01
	16	2.51	-0.03	-0.04	0.00	0.00	-0.02
	17	-2.51	0.03	-0.04	0.00	0.00	0.02
	18	-2.87	-0.19	-0.04	0.00	0.00	0.01
	19	-1.94	-1.97	-0.04	0.00	0.00	0.04
	20	-2.29	-2.20	-0.04	0.00	0.00	0.03
	21	-4.25	1.75	-0.04	0.00	0.00	-0.02
	22	-4.61	1.52	-0.04	0.00	0.00	-0.03
	23	-3.68	-0.26	-0.04	0.00	0.00	0.00
	24	-4.04	-0.49	-0.04	0.00	0.00	-0.01
	25	0.88	3.53	-0.04	0.00	0.00	-0.01
	26	0.36	4.05	-0.04	0.00	0.00	-0.02

	27	-1.08	3.40	-0.04	0.00	0.00	-0.00
	28	-1.60	3.91	-0.07	0.00	0.00	-0.01
	29	-0.31	2.78	-0.04	0.00	0.00	-0.04
	30	-0.83	3.29	-0.04	0.00	0.00	-0.05
	31	-2.27	2.64	-0.04	0.00	0.00	-0.04
	32	-2.79	3.15	-0.04	0.00	0.00	-0.05
	33	2.79	-3.15	-0.04	0.00	0.00	0.05
	34	2.27	-2.64	-0.04	0.00	0.00	0.04
	35	0.83	-3.29	-0.04	0.00	0.00	0.05
	36	0.31	-2.78	-0.04	0.00	0.00	0.04
	37	1.60	-3.91	-0.04	0.00	0.00	0.01
	38	1.08	-3.40	-0.04	0.00	0.00	0.00
	39	-0.36	-4.05	-0.04	0.00	0.00	0.02
	40	-0.88	-3.53	-0.04	0.00	0.00	0.01
	41	0.23	0.00	-0.05	0.00	0.00	-0.00
	42	-0.12	-0.00	-0.05	0.00	0.00	0.00
	43	-0.04	0.53	-0.05	0.00	0.00	-0.00
	44	0.08	-0.62	-0.05	0.00	0.00	0.00
	45	0.39	0.00	-0.05	0.00	0.00	-0.00
	46	-0.19	-0.00	-0.05	0.00	0.00	0.00
	47	-0.07	0.88	-0.05	0.00	0.00	-0.00
	48	0.13	-1.04	-0.05	0.00	0.00	0.00
	49	0.00	0.00	-0.04	0.00	0.00	0.00
	50	0.08	0.00	-0.04	0.00	0.00	-0.00
	51	-0.04	-0.00	-0.04	0.00	0.00	0.00
	52	-0.01	0.18	-0.04	0.00	0.00	-0.00
	53	0.03	-0.21	-0.04	0.00	0.00	0.00
	54	0.00	0.00	-0.04	0.00	0.00	0.00
	55	3.33	0.40	-0.04	0.00	0.00	0.01
	56	3.04	0.21	-0.04	0.00	0.00	-0.00
	57	3.80	-1.25	-0.04	0.00	0.00	0.02
	58	3.51	-1.44	-0.04	0.00	0.00	0.01
	59	1.89	1.81	-0.04	0.00	0.00	-0.02
	60	1.60	1.63	-0.04	0.00	0.00	-0.03
	61	2.37	0.16	-0.07	0.00	0.00	-0.01
	62	2.07	-0.03	-0.04	0.00	0.00	-0.02
	63	-2.07	0.03	-0.04	0.00	0.00	0.02
	64	-2.37	-0.16	-0.04	0.00	0.00	0.01
	65	-1.60	-1.63	-0.04	0.00	0.00	0.03
	66	-1.89	-1.81	-0.04	0.00	0.00	0.02
	67	-3.51	1.44	-0.04	0.00	0.00	-0.01
	68	-3.80	1.25	-0.04	0.00	0.00	-0.02
	69	-3.04	-0.21	-0.04	0.00	0.00	0.00
	70	-3.33	-0.40	-0.04	0.00	0.00	-0.01
	71	0.73	2.91	-0.07	0.00	0.00	-0.01
	72	0.30	3.34	-0.04	0.00	0.00	-0.01
	73	-0.89	2.80	-0.04	0.00	0.00	-0.00
	74	-1.32	3.23	-0.04	0.00	0.00	-0.01
	75	-0.25	2.29	-0.04	0.00	0.00	-0.03
	76	-0.68	2.72	-0.04	0.00	0.00	-0.04
	77	-1.87	2.18	-0.04	0.00	0.00	-0.03
	78	-2.31	2.60	-0.04	0.00	0.00	-0.04
	79	2.31	-2.60	-0.04	0.00	0.00	0.04
	80	1.87	-2.18	-0.04	0.00	0.00	0.03
	81	0.68	-2.72	-0.04	0.00	0.00	0.04
	82	0.25	-2.29	-0.04	0.00	0.00	0.03
	83	1.32	-3.23	-0.04	0.00	0.00	0.01
	84	0.89	-2.80	-0.04	0.00	0.00	0.00
	85	-0.30	-3.34	-0.04	0.00	0.00	0.01
	86	-0.73	-2.91	-0.04	0.00	0.00	0.01
105	1	0.35	-0.00	-0.07	0.00	0.00	-0.00
	2	-0.17	0.00	-0.07	0.00	0.00	0.00
	3	-0.07	0.76	-0.07	0.00	0.00	-0.00
	4	0.12	-0.87	-0.07	0.00	0.00	0.00
	5	0.58	-0.00	-0.07	0.00	0.00	-0.00

	6	-0.29	0.00	-0.07	0.00	0.00	0.00
	7	-0.11	1.27	-0.07	0.00	0.00	-0.00
	8	0.19	-1.45	-0.07	0.00	0.00	0.00
	9	4.04	0.68	-0.04	0.00	0.00	0.01
	10	3.68	0.25	-0.04	0.00	0.00	-0.00
	11	4.61	-0.98	-0.04	0.00	0.00	0.03
	12	4.25	-1.41	-0.04	0.00	0.00	0.02
	13	2.29	1.66	-0.04	0.00	0.00	-0.03
	14	1.94	1.22	-0.04	0.00	0.00	-0.04
	15	2.87	-0.00	-0.04	0.00	0.00	-0.01
	16	2.51	-0.44	-0.04	0.00	0.00	-0.02
	17	-2.51	0.44	-0.04	0.00	0.00	0.02
	18	-2.87	0.00	-0.04	0.00	0.00	0.01
	19	-1.94	-1.22	-0.04	0.00	0.00	0.04
	20	-2.29	-1.66	-0.04	0.00	0.00	0.03
	21	-4.25	1.41	-0.04	0.00	0.00	-0.02
	22	-4.61	0.98	-0.04	0.00	0.00	-0.03
	23	-3.68	-0.25	-0.04	0.00	0.00	0.00
	24	-4.04	-0.68	-0.04	0.00	0.00	-0.01
	25	0.88	3.38	-0.04	0.00	0.00	-0.01
	26	0.36	3.68	-0.04	0.00	0.00	-0.02
	27	-1.08	3.31	-0.04	0.00	0.00	-0.00
	28	-1.60	3.60	-0.07	0.00	0.00	-0.01
	29	-0.31	1.94	-0.04	0.00	0.00	-0.04
	30	-0.83	2.23	-0.04	0.00	0.00	-0.05
	31	-2.27	1.86	-0.04	0.00	0.00	-0.04
	32	-2.79	2.16	-0.04	0.00	0.00	-0.05
	33	2.79	-2.16	-0.04	0.00	0.00	0.05
	34	2.27	-1.86	-0.04	0.00	0.00	0.04
	35	0.83	-2.23	-0.04	0.00	0.00	0.05
	36	0.31	-1.94	-0.04	0.00	0.00	0.04
	37	1.60	-3.60	-0.04	0.00	0.00	0.01
	38	1.08	-3.31	-0.04	0.00	0.00	0.00
	39	-0.36	-3.68	-0.04	0.00	0.00	0.02
	40	-0.88	-3.38	-0.04	0.00	0.00	0.01
	41	0.23	-0.00	-0.05	0.00	0.00	-0.00
	42	-0.12	0.00	-0.05	0.00	0.00	0.00
	43	-0.04	0.51	-0.05	0.00	0.00	-0.00
	44	0.08	-0.58	-0.05	0.00	0.00	0.00
	45	0.39	-0.00	-0.05	0.00	0.00	-0.00
	46	-0.19	0.00	-0.05	0.00	0.00	0.00
	47	-0.07	0.84	-0.05	0.00	0.00	-0.00
	48	0.13	-0.97	-0.05	0.00	0.00	0.00
	49	0.00	0.00	-0.05	0.00	0.00	0.00
	50	0.08	-0.00	-0.04	0.00	0.00	-0.00
	51	-0.04	0.00	-0.04	0.00	0.00	0.00
	52	-0.01	0.17	-0.04	0.00	0.00	-0.00
	53	0.03	-0.19	-0.04	0.00	0.00	0.00
	54	0.00	0.00	-0.04	0.00	0.00	0.00
	55	3.33	0.56	-0.04	0.00	0.00	0.01
	56	3.04	0.21	-0.04	0.00	0.00	-0.00
	57	3.80	-0.81	-0.04	0.00	0.00	0.02
	58	3.51	-1.16	-0.04	0.00	0.00	0.01
	59	1.89	1.37	-0.04	0.00	0.00	-0.02
	60	1.60	1.01	-0.04	0.00	0.00	-0.03
	61	2.37	-0.00	-0.07	0.00	0.00	-0.01
	62	2.07	-0.36	-0.04	0.00	0.00	-0.02
	63	-2.07	0.36	-0.04	0.00	0.00	0.02
	64	-2.37	0.00	-0.04	0.00	0.00	0.01
	65	-1.60	-1.01	-0.04	0.00	0.00	0.03
	66	-1.89	-1.37	-0.04	0.00	0.00	0.02
	67	-3.51	1.16	-0.04	0.00	0.00	-0.01
	68	-3.80	0.81	-0.04	0.00	0.00	-0.02
	69	-3.04	-0.21	-0.04	0.00	0.00	0.00
	70	-3.33	-0.56	-0.04	0.00	0.00	-0.01

	71	0.73	2.79	-0.07	0.00	0.00	-0.01
	72	0.30	3.03	-0.04	0.00	0.00	-0.01
	73	-0.89	2.73	-0.04	0.00	0.00	-0.00
	74	-1.32	2.97	-0.04	0.00	0.00	-0.01
	75	-0.25	1.60	-0.04	0.00	0.00	-0.03
	76	-0.68	1.84	-0.04	0.00	0.00	-0.04
	77	-1.87	1.54	-0.04	0.00	0.00	-0.03
	78	-2.31	1.78	-0.04	0.00	0.00	-0.04
	79	2.31	-1.78	-0.04	0.00	0.00	0.04
	80	1.87	-1.54	-0.04	0.00	0.00	0.03
	81	0.68	-1.84	-0.04	0.00	0.00	0.04
	82	0.25	-1.60	-0.04	0.00	0.00	0.03
	83	1.32	-2.97	-0.04	0.00	0.00	0.01
	84	0.89	-2.73	-0.04	0.00	0.00	0.00
	85	-0.30	-3.03	-0.04	0.00	0.00	0.01
	86	-0.73	-2.79	-0.04	0.00	0.00	0.01
106	1	0.35	-0.01	-0.07	0.00	0.00	-0.00
	2	-0.17	0.00	-0.07	0.00	0.00	0.00
	3	-0.07	0.73	-0.07	0.00	0.00	-0.00
	4	0.12	-0.81	-0.07	0.00	0.00	0.00
	5	0.58	-0.01	-0.06	0.00	0.00	-0.00
	6	-0.29	0.00	-0.06	0.00	0.00	0.00
	7	-0.11	1.21	-0.06	0.00	0.00	-0.00
	8	0.19	-1.36	-0.06	0.00	0.00	0.00
	9	4.04	0.88	-0.04	0.00	0.00	0.01
	10	3.68	0.24	-0.04	0.00	0.00	-0.00
	11	4.61	-0.44	-0.04	0.00	0.00	0.03
	12	4.25	-1.08	-0.04	0.00	0.00	0.02
	13	2.29	1.12	-0.04	0.00	0.00	-0.03
	14	1.94	0.48	-0.04	0.00	0.00	-0.04
	15	2.87	-0.20	-0.04	0.00	0.00	-0.01
	16	2.51	-0.84	-0.04	0.00	0.00	-0.02
	17	-2.51	0.84	-0.04	0.00	0.00	0.02
	18	-2.87	0.20	-0.04	0.00	0.00	0.01
	19	-1.94	-0.48	-0.04	0.00	0.00	0.04
	20	-2.29	-1.12	-0.04	0.00	0.00	0.03
	21	-4.25	1.08	-0.04	0.00	0.00	-0.02
	22	-4.61	0.44	-0.04	0.00	0.00	-0.03
	23	-3.68	-0.24	-0.04	0.00	0.00	0.00
	24	-4.04	-0.88	-0.04	0.00	0.00	-0.01
	25	0.88	3.24	-0.04	0.00	0.00	-0.01
	26	0.36	3.31	-0.04	0.00	0.00	-0.02
	27	-1.08	3.22	-0.04	0.00	0.00	-0.00
	28	-1.60	3.30	-0.07	0.00	0.00	-0.01
	29	-0.31	1.10	-0.04	0.00	0.00	-0.04
	30	-0.83	1.17	-0.04	0.00	0.00	-0.05
	31	-2.27	1.09	-0.04	0.00	0.00	-0.04
	32	-2.79	1.16	-0.04	0.00	0.00	-0.05
	33	2.79	-1.16	-0.04	0.00	0.00	0.05
	34	2.27	-1.09	-0.04	0.00	0.00	0.04
	35	0.83	-1.17	-0.04	0.00	0.00	0.05
	36	0.31	-1.10	-0.04	0.00	0.00	0.04
	37	1.60	-3.30	-0.04	0.00	0.00	0.01
	38	1.08	-3.22	-0.04	0.00	0.00	0.00
	39	-0.36	-3.31	-0.04	0.00	0.00	0.02
	40	-0.88	-3.24	-0.04	0.00	0.00	0.01
	41	0.23	-0.00	-0.05	0.00	0.00	-0.00
	42	-0.12	0.00	-0.05	0.00	0.00	0.00
	43	-0.04	0.48	-0.05	0.00	0.00	-0.00
	44	0.08	-0.54	-0.05	0.00	0.00	0.00
	45	0.39	-0.01	-0.05	0.00	0.00	-0.00
	46	-0.19	0.00	-0.05	0.00	0.00	0.00
	47	-0.07	0.81	-0.05	0.00	0.00	-0.00
	48	0.13	-0.90	-0.05	0.00	0.00	0.00
	49	0.00	0.00	-0.05	0.00	0.00	0.00

	50	0.08	-0.00	-0.04	0.00	0.00	-0.00
	51	-0.04	0.00	-0.04	0.00	0.00	0.00
	52	-0.01	0.16	-0.04	0.00	0.00	-0.00
	53	0.03	-0.18	-0.04	0.00	0.00	0.00
	54	0.00	0.00	-0.04	0.00	0.00	0.00
	55	3.33	0.73	-0.04	0.00	0.00	0.01
	56	3.04	0.20	-0.04	0.00	0.00	-0.00
	57	3.80	-0.36	-0.04	0.00	0.00	0.02
	58	3.51	-0.89	-0.04	0.00	0.00	0.01
	59	1.89	0.92	-0.04	0.00	0.00	-0.02
	60	1.60	0.39	-0.04	0.00	0.00	-0.03
	61	2.37	-0.17	-0.07	0.00	0.00	-0.01
	62	2.07	-0.70	-0.04	0.00	0.00	-0.02
	63	-2.07	0.70	-0.04	0.00	0.00	0.02
	64	-2.37	0.17	-0.04	0.00	0.00	0.01
	65	-1.60	-0.39	-0.04	0.00	0.00	0.03
	66	-1.89	-0.92	-0.04	0.00	0.00	0.02
	67	-3.51	0.89	-0.04	0.00	0.00	-0.01
	68	-3.80	0.36	-0.04	0.00	0.00	-0.02
	69	-3.04	-0.20	-0.04	0.00	0.00	0.00
	70	-3.33	-0.73	-0.04	0.00	0.00	-0.01
	71	0.73	2.67	-0.07	0.00	0.00	-0.01
	72	0.30	2.73	-0.04	0.00	0.00	-0.01
	73	-0.89	2.66	-0.04	0.00	0.00	-0.00
	74	-1.32	2.72	-0.04	0.00	0.00	-0.01
	75	-0.25	0.91	-0.04	0.00	0.00	-0.03
	76	-0.68	0.96	-0.04	0.00	0.00	-0.04
	77	-1.87	0.90	-0.04	0.00	0.00	-0.03
	78	-2.31	0.95	-0.04	0.00	0.00	-0.04
	79	2.31	-0.95	-0.04	0.00	0.00	0.04
	80	1.87	-0.90	-0.04	0.00	0.00	0.03
	81	0.68	-0.96	-0.04	0.00	0.00	0.04
	82	0.25	-0.91	-0.04	0.00	0.00	0.03
	83	1.32	-2.72	-0.04	0.00	0.00	0.01
	84	0.89	-2.66	-0.04	0.00	0.00	0.00
	85	-0.30	-2.73	-0.04	0.00	0.00	0.01
	86	-0.73	-2.67	-0.04	0.00	0.00	0.01
107	1	0.35	-0.01	-0.04	0.00	0.00	-0.00
	2	-0.17	0.00	-0.04	0.00	0.00	0.00
	3	-0.07	0.69	-0.04	0.00	0.00	-0.00
	4	0.12	-0.75	-0.04	0.00	0.00	0.00
	5	0.58	-0.02	-0.04	0.00	0.00	-0.00
	6	-0.29	0.01	-0.04	0.00	0.00	0.00
	7	-0.11	1.15	-0.04	0.00	0.00	-0.00
	8	0.19	-1.26	-0.04	0.00	0.00	0.00
	9	4.04	1.08	-0.03	0.00	0.00	0.01
	10	3.68	0.23	-0.03	0.00	0.00	-0.00
	11	4.61	0.10	-0.03	0.00	0.00	0.03
	12	4.25	-0.74	-0.03	0.00	0.00	0.02
	13	2.29	0.58	-0.03	0.00	0.00	-0.03
	14	1.94	-0.27	-0.03	0.00	0.00	-0.04
	15	2.87	-0.40	-0.03	0.00	0.00	-0.01
	16	2.51	-1.25	-0.03	0.00	0.00	-0.02
	17	-2.51	1.25	-0.03	0.00	0.00	0.02
	18	-2.87	0.40	-0.03	0.00	0.00	0.01
	19	-1.94	0.27	-0.03	0.00	0.00	0.04
	20	-2.29	-0.58	-0.03	0.00	0.00	0.03
	21	-4.25	0.74	-0.03	0.00	0.00	-0.02
	22	-4.61	-0.10	-0.03	0.00	0.00	-0.03
	23	-3.68	-0.23	-0.03	0.00	0.00	0.00
	24	-4.04	-1.08	-0.03	0.00	0.00	-0.01
	25	0.88	3.09	-0.03	0.00	0.00	-0.01
	26	0.36	2.94	-0.03	0.00	0.00	-0.02
	27	-1.08	3.14	-0.03	0.00	0.00	-0.00
	28	-1.60	2.99	-0.04	0.00	0.00	-0.01

	29	-0.31	0.26	-0.03	0.00	0.00	-0.04
	30	-0.83	0.11	-0.03	0.00	0.00	-0.05
	31	-2.27	0.31	-0.03	0.00	0.00	-0.04
	32	-2.79	0.16	-0.03	0.00	0.00	-0.05
	33	2.79	-0.16	-0.03	0.00	0.00	0.05
	34	2.27	-0.31	-0.03	0.00	0.00	0.04
	35	0.83	-0.11	-0.03	0.00	0.00	0.05
	36	0.31	-0.26	-0.03	0.00	0.00	0.04
	37	1.60	-2.99	-0.03	0.00	0.00	0.01
	38	1.08	-3.14	-0.03	0.00	0.00	0.00
	39	-0.36	-2.94	-0.03	0.00	0.00	0.02
	40	-0.88	-3.09	-0.03	0.00	0.00	0.01
	41	0.23	-0.01	-0.03	0.00	0.00	-0.00
	42	-0.12	0.00	-0.03	0.00	0.00	0.00
	43	-0.04	0.46	-0.03	0.00	0.00	-0.00
	44	0.08	-0.50	-0.03	0.00	0.00	0.00
	45	0.39	-0.01	-0.03	0.00	0.00	-0.00
	46	-0.19	0.01	-0.03	0.00	0.00	0.00
	47	-0.07	0.77	-0.03	0.00	0.00	-0.00
	48	0.13	-0.84	-0.03	0.00	0.00	0.00
	49	0.00	0.00	-0.03	0.00	0.00	0.00
	50	0.08	-0.00	-0.03	0.00	0.00	-0.00
	51	-0.04	0.00	-0.03	0.00	0.00	0.00
	52	-0.01	0.15	-0.03	0.00	0.00	-0.00
	53	0.03	-0.17	-0.03	0.00	0.00	0.00
	54	0.00	0.00	-0.03	0.00	0.00	0.00
	55	3.33	0.89	-0.03	0.00	0.00	0.01
	56	3.04	0.19	-0.03	0.00	0.00	-0.00
	57	3.80	0.09	-0.03	0.00	0.00	0.02
	58	3.51	-0.61	-0.03	0.00	0.00	0.01
	59	1.89	0.47	-0.03	0.00	0.00	-0.02
	60	1.60	-0.23	-0.03	0.00	0.00	-0.03
	61	2.37	-0.33	-0.04	0.00	0.00	-0.01
	62	2.07	-1.03	-0.03	0.00	0.00	-0.02
	63	-2.07	1.03	-0.03	0.00	0.00	0.02
	64	-2.37	0.33	-0.03	0.00	0.00	0.01
	65	-1.60	0.23	-0.03	0.00	0.00	0.03
	66	-1.89	-0.47	-0.03	0.00	0.00	0.02
	67	-3.51	0.61	-0.03	0.00	0.00	-0.01
	68	-3.80	-0.09	-0.03	0.00	0.00	-0.02
	69	-3.04	-0.19	-0.03	0.00	0.00	0.00
	70	-3.33	-0.89	-0.03	0.00	0.00	-0.01
	71	0.73	2.55	-0.04	0.00	0.00	-0.01
	72	0.30	2.42	-0.03	0.00	0.00	-0.01
	73	-0.89	2.59	-0.03	0.00	0.00	-0.00
	74	-1.32	2.47	-0.03	0.00	0.00	-0.01
	75	-0.25	0.21	-0.03	0.00	0.00	-0.03
	76	-0.68	0.09	-0.03	0.00	0.00	-0.04
	77	-1.87	0.26	-0.03	0.00	0.00	-0.03
	78	-2.31	0.13	-0.03	0.00	0.00	-0.04
	79	2.31	-0.13	-0.03	0.00	0.00	0.04
	80	1.87	-0.26	-0.03	0.00	0.00	0.03
	81	0.68	-0.09	-0.03	0.00	0.00	0.04
	82	0.25	-0.21	-0.03	0.00	0.00	0.03
	83	1.32	-2.47	-0.03	0.00	0.00	0.01
	84	0.89	-2.59	-0.03	0.00	0.00	0.00
	85	-0.30	-2.42	-0.03	0.00	0.00	0.01
	86	-0.73	-2.55	-0.03	0.00	0.00	0.01
108	1	0.35	0.01	-0.04	0.00	0.00	-0.00
	2	-0.18	-0.01	-0.04	0.00	0.00	0.00
	3	-0.02	0.90	-0.04	0.00	0.00	-0.00
	4	0.04	-1.11	-0.04	0.00	0.00	0.00
	5	0.59	0.02	-0.04	0.00	0.00	-0.00
	6	-0.29	-0.01	-0.04	0.00	0.00	0.00
	7	-0.03	1.49	-0.04	0.00	0.00	-0.00

	8	0.06	-1.85	-0.04	0.00	0.00	0.00
	9	3.77	-0.10	-0.03	0.00	0.00	0.01
	10	3.70	0.29	-0.03	0.00	0.00	-0.00
	11	3.88	-3.14	-0.03	0.00	0.00	0.03
	12	3.80	-2.75	-0.03	0.00	0.00	0.02
	13	3.03	3.82	-0.03	0.00	0.00	-0.03
	14	2.95	4.22	-0.03	0.00	0.00	-0.04
	15	3.13	0.79	-0.03	0.00	0.00	-0.01
	16	3.06	1.18	-0.03	0.00	0.00	-0.02
	17	-3.06	-1.18	-0.03	0.00	0.00	0.02
	18	-3.13	-0.79	-0.03	0.00	0.00	0.01
	19	-2.95	-4.22	-0.03	0.00	0.00	0.04
	20	-3.03	-3.82	-0.03	0.00	0.00	0.03
	21	-3.80	2.75	-0.03	0.00	0.00	-0.02
	22	-3.88	3.14	-0.03	0.00	0.00	-0.03
	23	-3.70	-0.29	-0.03	0.00	0.00	0.00
	24	-3.77	0.10	-0.03	0.00	0.00	-0.01
	25	1.09	3.98	-0.03	0.00	0.00	-0.01
	26	0.86	5.15	-0.03	0.00	0.00	-0.02
	27	-0.96	3.65	-0.03	0.00	0.00	-0.00
	28	-1.19	4.83	-0.07	0.00	0.00	-0.01
	29	0.83	5.29	-0.03	0.00	0.00	-0.04
	30	0.61	6.47	-0.03	0.00	0.00	-0.05
	31	-1.22	4.97	-0.03	0.00	0.00	-0.04
	32	-1.44	6.15	-0.03	0.00	0.00	-0.05
	33	1.44	-6.15	-0.03	0.00	0.00	0.05
	34	1.22	-4.97	-0.03	0.00	0.00	0.04
	35	-0.61	-6.47	-0.03	0.00	0.00	0.05
	36	-0.83	-5.29	-0.03	0.00	0.00	0.04
	37	1.19	-4.83	-0.03	0.00	0.00	0.01
	38	0.96	-3.65	-0.03	0.00	0.00	0.00
	39	-0.86	-5.15	-0.03	0.00	0.00	0.02
	40	-1.09	-3.98	-0.03	0.00	0.00	0.01
	41	0.23	0.01	-0.03	0.00	0.00	-0.00
	42	-0.12	-0.00	-0.03	0.00	0.00	0.00
	43	-0.01	0.60	-0.03	0.00	0.00	-0.00
	44	0.02	-0.74	-0.03	0.00	0.00	0.00
	45	0.39	0.01	-0.03	0.00	0.00	-0.00
	46	-0.20	-0.01	-0.03	0.00	0.00	0.00
	47	-0.02	1.00	-0.03	0.00	0.00	-0.00
	48	0.04	-1.23	-0.03	0.00	0.00	0.00
	49	0.00	0.00	-0.03	0.00	0.00	0.00
	50	0.08	0.00	-0.03	0.00	0.00	-0.00
	51	-0.04	-0.00	-0.03	0.00	0.00	0.00
	52	-0.00	0.20	-0.03	0.00	0.00	-0.00
	53	0.01	-0.25	-0.03	0.00	0.00	0.00
	54	0.00	0.00	-0.03	0.00	0.00	0.00
	55	3.11	-0.09	-0.03	0.00	0.00	0.01
	56	3.05	0.24	-0.03	0.00	0.00	-0.00
	57	3.20	-2.59	-0.03	0.00	0.00	0.02
	58	3.14	-2.27	-0.03	0.00	0.00	0.01
	59	2.50	3.16	-0.03	0.00	0.00	-0.02
	60	2.44	3.48	-0.03	0.00	0.00	-0.03
	61	2.59	0.65	-0.07	0.00	0.00	-0.01
	62	2.52	0.98	-0.03	0.00	0.00	-0.02
	63	-2.52	-0.98	-0.03	0.00	0.00	0.02
	64	-2.59	-0.65	-0.03	0.00	0.00	0.01
	65	-2.44	-3.48	-0.03	0.00	0.00	0.03
	66	-2.50	-3.16	-0.03	0.00	0.00	0.02
	67	-3.14	2.27	-0.03	0.00	0.00	-0.01
	68	-3.20	2.59	-0.03	0.00	0.00	-0.02
	69	-3.05	-0.24	-0.03	0.00	0.00	0.00
	70	-3.11	0.09	-0.03	0.00	0.00	-0.01
	71	0.90	3.28	-0.07	0.00	0.00	-0.01
	72	0.71	4.25	-0.03	0.00	0.00	-0.01

	73	-0.80	3.01	-0.03	0.00	0.00	-0.00
	74	-0.98	3.99	-0.03	0.00	0.00	-0.01
	75	0.69	4.37	-0.03	0.00	0.00	-0.03
	76	0.50	5.34	-0.03	0.00	0.00	-0.04
	77	-1.00	4.10	-0.03	0.00	0.00	-0.03
	78	-1.19	5.07	-0.03	0.00	0.00	-0.04
	79	1.19	-5.07	-0.03	0.00	0.00	0.04
	80	1.00	-4.10	-0.03	0.00	0.00	0.03
	81	-0.50	-5.34	-0.03	0.00	0.00	0.04
	82	-0.69	-4.37	-0.03	0.00	0.00	0.03
	83	0.98	-3.99	-0.03	0.00	0.00	0.01
	84	0.80	-3.01	-0.03	0.00	0.00	0.00
	85	-0.71	-4.25	-0.03	0.00	0.00	0.01
	86	-0.90	-3.28	-0.03	0.00	0.00	0.01
109	1	0.35	0.01	-0.12	0.00	0.00	-0.00
	2	-0.18	-0.00	-0.12	0.00	0.00	0.00
	3	-0.02	0.86	-0.12	0.00	0.00	-0.00
	4	0.04	-1.05	-0.12	0.00	0.00	0.00
	5	0.59	0.01	-0.11	0.00	0.00	-0.00
	6	-0.29	-0.01	-0.11	0.00	0.00	0.00
	7	-0.03	1.44	-0.11	0.00	0.00	-0.00
	8	0.06	-1.75	-0.11	0.00	0.00	0.00
	9	3.77	0.09	-0.07	0.00	0.00	0.01
	10	3.70	0.28	-0.07	0.00	0.00	-0.00
	11	3.88	-2.60	-0.07	0.00	0.00	0.03
	12	3.80	-2.41	-0.07	0.00	0.00	0.02
	13	3.03	3.28	-0.07	0.00	0.00	-0.03
	14	2.95	3.47	-0.07	0.00	0.00	-0.04
	15	3.13	0.59	-0.07	0.00	0.00	-0.01
	16	3.06	0.78	-0.07	0.00	0.00	-0.02
	17	-3.06	-0.78	-0.07	0.00	0.00	0.02
	18	-3.13	-0.59	-0.07	0.00	0.00	0.01
	19	-2.95	-3.47	-0.07	0.00	0.00	0.04
	20	-3.03	-3.28	-0.07	0.00	0.00	0.03
	21	-3.80	2.41	-0.07	0.00	0.00	-0.02
	22	-3.88	2.60	-0.07	0.00	0.00	-0.03
	23	-3.70	-0.28	-0.07	0.00	0.00	0.00
	24	-3.77	-0.09	-0.07	0.00	0.00	-0.01
	25	1.09	3.83	-0.07	0.00	0.00	-0.01
	26	0.86	4.78	-0.07	0.00	0.00	-0.02
	27	-0.96	3.57	-0.07	0.00	0.00	-0.00
	28	-1.19	4.52	-0.07	0.00	0.00	-0.01
	29	0.83	4.46	-0.07	0.00	0.00	-0.04
	30	0.61	5.41	-0.07	0.00	0.00	-0.05
	31	-1.22	4.19	-0.07	0.00	0.00	-0.04
	32	-1.44	5.15	-0.07	0.00	0.00	-0.05
	33	1.44	-5.15	-0.07	0.00	0.00	0.05
	34	1.22	-4.19	-0.07	0.00	0.00	0.04
	35	-0.61	-5.41	-0.07	0.00	0.00	0.05
	36	-0.83	-4.46	-0.07	0.00	0.00	0.04
	37	1.19	-4.52	-0.07	0.00	0.00	0.01
	38	0.96	-3.57	-0.07	0.00	0.00	0.00
	39	-0.86	-4.78	-0.07	0.00	0.00	0.02
	40	-1.09	-3.83	-0.07	0.00	0.00	0.01
	41	0.23	0.01	-0.09	0.00	0.00	-0.00
	42	-0.12	-0.00	-0.09	0.00	0.00	0.00
	43	-0.01	0.57	-0.09	0.00	0.00	-0.00
	44	0.02	-0.70	-0.09	0.00	0.00	0.00
	45	0.39	0.01	-0.08	0.00	0.00	-0.00
	46	-0.20	-0.00	-0.08	0.00	0.00	0.00
	47	-0.02	0.96	-0.08	0.00	0.00	-0.00
	48	0.04	-1.17	-0.08	0.00	0.00	0.00
	49	0.00	0.00	-0.07	0.00	0.00	0.00
	50	0.08	0.00	-0.07	0.00	0.00	-0.00
	51	-0.04	-0.00	-0.07	0.00	0.00	0.00

	52	-0.00	0.19	-0.07	0.00	0.00	-0.00
	53	0.01	-0.23	-0.07	0.00	0.00	0.00
	54	0.00	0.00	-0.07	0.00	0.00	0.00
	55	3.11	0.08	-0.07	0.00	0.00	0.01
	56	3.05	0.23	-0.07	0.00	0.00	-0.00
	57	3.20	-2.15	-0.07	0.00	0.00	0.02
	58	3.14	-1.99	-0.07	0.00	0.00	0.01
	59	2.50	2.71	-0.07	0.00	0.00	-0.02
	60	2.44	2.86	-0.07	0.00	0.00	-0.03
	61	2.59	0.49	-0.07	0.00	0.00	-0.01
	62	2.52	0.64	-0.07	0.00	0.00	-0.02
	63	-2.52	-0.64	-0.07	0.00	0.00	0.02
	64	-2.59	-0.49	-0.07	0.00	0.00	0.01
	65	-2.44	-2.86	-0.07	0.00	0.00	0.03
	66	-2.50	-2.71	-0.07	0.00	0.00	0.02
	67	-3.14	1.99	-0.07	0.00	0.00	-0.01
	68	-3.20	2.15	-0.07	0.00	0.00	-0.02
	69	-3.05	-0.23	-0.07	0.00	0.00	0.00
	70	-3.11	-0.08	-0.07	0.00	0.00	-0.01
	71	0.90	3.16	-0.07	0.00	0.00	-0.01
	72	0.71	3.95	-0.07	0.00	0.00	-0.01
	73	-0.80	2.94	-0.07	0.00	0.00	-0.00
	74	-0.98	3.73	-0.07	0.00	0.00	-0.01
	75	0.69	3.68	-0.07	0.00	0.00	-0.03
	76	0.50	4.47	-0.07	0.00	0.00	-0.04
	77	-1.00	3.46	-0.07	0.00	0.00	-0.03
	78	-1.19	4.25	-0.07	0.00	0.00	-0.04
	79	1.19	-4.25	-0.07	0.00	0.00	0.04
	80	1.00	-3.46	-0.07	0.00	0.00	0.03
	81	-0.50	-4.47	-0.07	0.00	0.00	0.04
	82	-0.69	-3.68	-0.07	0.00	0.00	0.03
	83	0.98	-3.73	-0.07	0.00	0.00	0.01
	84	0.80	-2.94	-0.07	0.00	0.00	0.00
	85	-0.71	-3.95	-0.07	0.00	0.00	0.01
	86	-0.90	-3.16	-0.07	0.00	0.00	0.01
110	1	0.35	0.00	-0.13	0.00	0.00	-0.00
	2	-0.18	-0.00	-0.13	0.00	0.00	0.00
	3	-0.02	0.83	-0.13	0.00	0.00	-0.00
	4	0.04	-0.99	-0.13	0.00	0.00	0.00
	5	0.59	0.01	-0.12	0.00	0.00	-0.00
	6	-0.29	-0.00	-0.12	0.00	0.00	0.00
	7	-0.03	1.38	-0.12	0.00	0.00	-0.00
	8	0.06	-1.65	-0.12	0.00	0.00	0.00
	9	3.77	0.29	-0.08	0.00	0.00	0.01
	10	3.70	0.27	-0.08	0.00	0.00	-0.00
	11	3.88	-2.06	-0.08	0.00	0.00	0.03
	12	3.80	-2.08	-0.08	0.00	0.00	0.02
	13	3.03	2.74	-0.08	0.00	0.00	-0.03
	14	2.95	2.72	-0.08	0.00	0.00	-0.04
	15	3.13	0.39	-0.08	0.00	0.00	-0.01
	16	3.06	0.37	-0.08	0.00	0.00	-0.02
	17	-3.06	-0.37	-0.08	0.00	0.00	0.02
	18	-3.13	-0.39	-0.08	0.00	0.00	0.01
	19	-2.95	-2.72	-0.08	0.00	0.00	0.04
	20	-3.03	-2.74	-0.08	0.00	0.00	0.03
	21	-3.80	2.08	-0.08	0.00	0.00	-0.02
	22	-3.88	2.06	-0.08	0.00	0.00	-0.03
	23	-3.70	-0.27	-0.08	0.00	0.00	0.00
	24	-3.77	-0.29	-0.08	0.00	0.00	-0.01
	25	1.09	3.68	-0.08	0.00	0.00	-0.01
	26	0.86	4.42	-0.08	0.00	0.00	-0.02
	27	-0.96	3.48	-0.08	0.00	0.00	-0.00
	28	-1.19	4.22	-0.08	0.00	0.00	-0.01
	29	0.83	3.62	-0.08	0.00	0.00	-0.04
	30	0.61	4.35	-0.08	0.00	0.00	-0.05

	31	-1.22	3.42	-0.08	0.00	0.00	-0.04
	32	-1.44	4.15	-0.08	0.00	0.00	-0.05
	33	1.44	-4.15	-0.08	0.00	0.00	0.05
	34	1.22	-3.42	-0.08	0.00	0.00	0.04
	35	-0.61	-4.35	-0.08	0.00	0.00	0.05
	36	-0.83	-3.62	-0.08	0.00	0.00	0.04
	37	1.19	-4.22	-0.08	0.00	0.00	0.01
	38	0.96	-3.48	-0.08	0.00	0.00	0.00
	39	-0.86	-4.42	-0.08	0.00	0.00	0.02
	40	-1.09	-3.68	-0.08	0.00	0.00	0.01
	41	0.23	0.00	-0.10	0.00	0.00	-0.00
	42	-0.12	-0.00	-0.10	0.00	0.00	0.00
	43	-0.01	0.55	-0.10	0.00	0.00	-0.00
	44	0.02	-0.66	-0.10	0.00	0.00	0.00
	45	0.39	0.00	-0.09	0.00	0.00	-0.00
	46	-0.20	-0.00	-0.09	0.00	0.00	0.00
	47	-0.02	0.92	-0.09	0.00	0.00	-0.00
	48	0.04	-1.10	-0.09	0.00	0.00	0.00
	49	0.00	0.00	-0.08	0.00	0.00	0.00
	50	0.08	0.00	-0.08	0.00	0.00	-0.00
	51	-0.04	-0.00	-0.08	0.00	0.00	0.00
	52	-0.00	0.18	-0.08	0.00	0.00	-0.00
	53	0.01	-0.22	-0.08	0.00	0.00	0.00
	54	0.00	0.00	-0.08	0.00	0.00	0.00
	55	3.11	0.24	-0.08	0.00	0.00	0.01
	56	3.05	0.22	-0.08	0.00	0.00	-0.00
	57	3.20	-1.70	-0.08	0.00	0.00	0.02
	58	3.14	-1.72	-0.08	0.00	0.00	0.01
	59	2.50	2.26	-0.08	0.00	0.00	-0.02
	60	2.44	2.25	-0.08	0.00	0.00	-0.03
	61	2.59	0.32	-0.08	0.00	0.00	-0.01
	62	2.52	0.31	-0.08	0.00	0.00	-0.02
	63	-2.52	-0.31	-0.08	0.00	0.00	0.02
	64	-2.59	-0.32	-0.08	0.00	0.00	0.01
	65	-2.44	-2.25	-0.08	0.00	0.00	0.03
	66	-2.50	-2.26	-0.08	0.00	0.00	0.02
	67	-3.14	1.72	-0.08	0.00	0.00	-0.01
	68	-3.20	1.70	-0.08	0.00	0.00	-0.02
	69	-3.05	-0.22	-0.08	0.00	0.00	0.00
	70	-3.11	-0.24	-0.08	0.00	0.00	-0.01
	71	0.90	3.04	-0.08	0.00	0.00	-0.01
	72	0.71	3.64	-0.08	0.00	0.00	-0.01
	73	-0.80	2.87	-0.08	0.00	0.00	-0.00
	74	-0.98	3.48	-0.08	0.00	0.00	-0.01
	75	0.69	2.98	-0.08	0.00	0.00	-0.03
	76	0.50	3.59	-0.08	0.00	0.00	-0.04
	77	-1.00	2.82	-0.08	0.00	0.00	-0.03
	78	-1.19	3.43	-0.08	0.00	0.00	-0.04
	79	1.19	-3.43	-0.08	0.00	0.00	0.04
	80	1.00	-2.82	-0.08	0.00	0.00	0.03
	81	-0.50	-3.59	-0.08	0.00	0.00	0.04
	82	-0.69	-2.98	-0.08	0.00	0.00	0.03
	83	0.98	-3.48	-0.08	0.00	0.00	0.01
	84	0.80	-2.87	-0.08	0.00	0.00	0.00
	85	-0.71	-3.64	-0.08	0.00	0.00	0.01
	86	-0.90	-3.04	-0.08	0.00	0.00	0.01
111	1	0.35	0.00	-0.13	0.00	0.00	-0.00
	2	-0.18	-0.00	-0.13	0.00	0.00	0.00
	3	-0.02	0.79	-0.13	0.00	0.00	-0.00
	4	0.04	-0.93	-0.13	0.00	0.00	0.00
	5	0.59	0.00	-0.11	0.00	0.00	-0.00
	6	-0.29	-0.00	-0.11	0.00	0.00	0.00
	7	-0.03	1.32	-0.11	0.00	0.00	-0.00
	8	0.06	-1.55	-0.11	0.00	0.00	0.00
	9	3.77	0.49	-0.07	0.00	0.00	0.01

	10	3.70	0.26	-0.07	0.00	0.00	-0.00
	11	3.88	-1.52	-0.07	0.00	0.00	0.03
	12	3.80	-1.75	-0.07	0.00	0.00	0.02
	13	3.03	2.20	-0.07	0.00	0.00	-0.03
	14	2.95	1.97	-0.07	0.00	0.00	-0.04
	15	3.13	0.19	-0.07	0.00	0.00	-0.01
	16	3.06	-0.03	-0.07	0.00	0.00	-0.02
	17	-3.06	0.03	-0.07	0.00	0.00	0.02
	18	-3.13	-0.19	-0.07	0.00	0.00	0.01
	19	-2.95	-1.97	-0.07	0.00	0.00	0.04
	20	-3.03	-2.20	-0.07	0.00	0.00	0.03
	21	-3.80	1.75	-0.07	0.00	0.00	-0.02
	22	-3.88	1.52	-0.07	0.00	0.00	-0.03
	23	-3.70	-0.26	-0.07	0.00	0.00	0.00
	24	-3.77	-0.49	-0.07	0.00	0.00	-0.01
	25	1.09	3.53	-0.07	0.00	0.00	-0.01
	26	0.86	4.05	-0.07	0.00	0.00	-0.02
	27	-0.96	3.40	-0.07	0.00	0.00	-0.00
	28	-1.19	3.91	-0.07	0.00	0.00	-0.01
	29	0.83	2.78	-0.07	0.00	0.00	-0.04
	30	0.61	3.29	-0.07	0.00	0.00	-0.05
	31	-1.22	2.64	-0.07	0.00	0.00	-0.04
	32	-1.44	3.15	-0.07	0.00	0.00	-0.05
	33	1.44	-3.15	-0.07	0.00	0.00	0.05
	34	1.22	-2.64	-0.07	0.00	0.00	0.04
	35	-0.61	-3.29	-0.07	0.00	0.00	0.05
	36	-0.83	-2.78	-0.07	0.00	0.00	0.04
	37	1.19	-3.91	-0.07	0.00	0.00	0.01
	38	0.96	-3.40	-0.07	0.00	0.00	0.00
	39	-0.86	-4.05	-0.07	0.00	0.00	0.02
	40	-1.09	-3.53	-0.07	0.00	0.00	0.01
	41	0.23	0.00	-0.09	0.00	0.00	-0.00
	42	-0.12	-0.00	-0.09	0.00	0.00	0.00
	43	-0.01	0.53	-0.09	0.00	0.00	-0.00
	44	0.02	-0.62	-0.09	0.00	0.00	0.00
	45	0.39	0.00	-0.08	0.00	0.00	-0.00
	46	-0.20	-0.00	-0.08	0.00	0.00	0.00
	47	-0.02	0.88	-0.08	0.00	0.00	-0.00
	48	0.04	-1.04	-0.08	0.00	0.00	0.00
	49	0.00	0.00	-0.08	0.00	0.00	0.00
	50	0.08	0.00	-0.07	0.00	0.00	-0.00
	51	-0.04	-0.00	-0.07	0.00	0.00	0.00
	52	-0.00	0.18	-0.07	0.00	0.00	-0.00
	53	0.01	-0.21	-0.07	0.00	0.00	0.00
	54	0.00	0.00	-0.07	0.00	0.00	0.00
	55	3.11	0.40	-0.07	0.00	0.00	0.01
	56	3.05	0.21	-0.07	0.00	0.00	-0.00
	57	3.20	-1.25	-0.07	0.00	0.00	0.02
	58	3.14	-1.44	-0.07	0.00	0.00	0.01
	59	2.50	1.81	-0.07	0.00	0.00	-0.02
	60	2.44	1.63	-0.07	0.00	0.00	-0.03
	61	2.59	0.16	-0.07	0.00	0.00	-0.01
	62	2.52	-0.03	-0.07	0.00	0.00	-0.02
	63	-2.52	0.03	-0.07	0.00	0.00	0.02
	64	-2.59	-0.16	-0.07	0.00	0.00	0.01
	65	-2.44	-1.63	-0.07	0.00	0.00	0.03
	66	-2.50	-1.81	-0.07	0.00	0.00	0.02
	67	-3.14	1.44	-0.07	0.00	0.00	-0.01
	68	-3.20	1.25	-0.07	0.00	0.00	-0.02
	69	-3.05	-0.21	-0.07	0.00	0.00	0.00
	70	-3.11	-0.40	-0.07	0.00	0.00	-0.01
	71	0.90	2.91	-0.07	0.00	0.00	-0.01
	72	0.71	3.34	-0.07	0.00	0.00	-0.01
	73	-0.80	2.80	-0.07	0.00	0.00	-0.00
	74	-0.98	3.23	-0.07	0.00	0.00	-0.01

	75	0.69	2.29	-0.07	0.00	0.00	-0.03
	76	0.50	2.72	-0.07	0.00	0.00	-0.04
	77	-1.00	2.18	-0.07	0.00	0.00	-0.03
	78	-1.19	2.60	-0.07	0.00	0.00	-0.04
	79	1.19	-2.60	-0.07	0.00	0.00	0.04
	80	1.00	-2.18	-0.07	0.00	0.00	0.03
	81	-0.50	-2.72	-0.07	0.00	0.00	0.04
	82	-0.69	-2.29	-0.07	0.00	0.00	0.03
	83	0.98	-3.23	-0.07	0.00	0.00	0.01
	84	0.80	-2.80	-0.07	0.00	0.00	0.00
	85	-0.71	-3.34	-0.07	0.00	0.00	0.01
	86	-0.90	-2.91	-0.07	0.00	0.00	0.01
112	1	0.35	-0.00	-0.13	0.00	0.00	-0.00
	2	-0.18	0.00	-0.13	0.00	0.00	0.00
	3	-0.02	0.76	-0.13	0.00	0.00	-0.00
	4	0.04	-0.87	-0.13	0.00	0.00	0.00
	5	0.59	-0.00	-0.12	0.00	0.00	-0.00
	6	-0.29	0.00	-0.12	0.00	0.00	0.00
	7	-0.03	1.27	-0.12	0.00	0.00	-0.00
	8	0.06	-1.45	-0.12	0.00	0.00	0.00
	9	3.77	0.68	-0.08	0.00	0.00	0.01
	10	3.70	0.25	-0.08	0.00	0.00	-0.00
	11	3.88	-0.98	-0.08	0.00	0.00	0.03
	12	3.80	-1.41	-0.08	0.00	0.00	0.02
	13	3.03	1.66	-0.08	0.00	0.00	-0.03
	14	2.95	1.22	-0.08	0.00	0.00	-0.04
	15	3.13	-0.00	-0.08	0.00	0.00	-0.01
	16	3.06	-0.44	-0.08	0.00	0.00	-0.02
	17	-3.06	0.44	-0.08	0.00	0.00	0.02
	18	-3.13	0.00	-0.08	0.00	0.00	0.01
	19	-2.95	-1.22	-0.08	0.00	0.00	0.04
	20	-3.03	-1.66	-0.08	0.00	0.00	0.03
	21	-3.80	1.41	-0.08	0.00	0.00	-0.02
	22	-3.88	0.98	-0.08	0.00	0.00	-0.03
	23	-3.70	-0.25	-0.08	0.00	0.00	0.00
	24	-3.77	-0.68	-0.08	0.00	0.00	-0.01
	25	1.09	3.38	-0.08	0.00	0.00	-0.01
	26	0.86	3.68	-0.08	0.00	0.00	-0.02
	27	-0.96	3.31	-0.08	0.00	0.00	-0.00
	28	-1.19	3.60	-0.08	0.00	0.00	-0.01
	29	0.83	1.94	-0.08	0.00	0.00	-0.04
	30	0.61	2.23	-0.08	0.00	0.00	-0.05
	31	-1.22	1.86	-0.08	0.00	0.00	-0.04
	32	-1.44	2.16	-0.08	0.00	0.00	-0.05
	33	1.44	-2.16	-0.08	0.00	0.00	0.05
	34	1.22	-1.86	-0.08	0.00	0.00	0.04
	35	-0.61	-2.23	-0.08	0.00	0.00	0.05
	36	-0.83	-1.94	-0.08	0.00	0.00	0.04
	37	1.19	-3.60	-0.08	0.00	0.00	0.01
	38	0.96	-3.31	-0.08	0.00	0.00	0.00
	39	-0.86	-3.68	-0.08	0.00	0.00	0.02
	40	-1.09	-3.38	-0.08	0.00	0.00	0.01
	41	0.23	-0.00	-0.09	0.00	0.00	-0.00
	42	-0.12	0.00	-0.09	0.00	0.00	0.00
	43	-0.01	0.51	-0.09	0.00	0.00	-0.00
	44	0.02	-0.58	-0.09	0.00	0.00	0.00
	45	0.39	-0.00	-0.08	0.00	0.00	-0.00
	46	-0.20	0.00	-0.08	0.00	0.00	0.00
	47	-0.02	0.84	-0.08	0.00	0.00	-0.00
	48	0.04	-0.97	-0.08	0.00	0.00	0.00
	49	0.00	0.00	-0.08	0.00	0.00	0.00
	50	0.08	-0.00	-0.08	0.00	0.00	-0.00
	51	-0.04	0.00	-0.08	0.00	0.00	0.00
	52	-0.00	0.17	-0.08	0.00	0.00	-0.00
	53	0.01	-0.19	-0.08	0.00	0.00	0.00

	54	0.00	0.00	-0.08	0.00	0.00	0.00
	55	3.11	0.56	-0.08	0.00	0.00	0.01
	56	3.05	0.21	-0.08	0.00	0.00	-0.00
	57	3.20	-0.81	-0.08	0.00	0.00	0.02
	58	3.14	-1.16	-0.08	0.00	0.00	0.01
	59	2.50	1.37	-0.08	0.00	0.00	-0.02
	60	2.44	1.01	-0.08	0.00	0.00	-0.03
	61	2.59	-0.00	-0.08	0.00	0.00	-0.01
	62	2.52	-0.36	-0.08	0.00	0.00	-0.02
	63	-2.52	0.36	-0.08	0.00	0.00	0.02
	64	-2.59	0.00	-0.08	0.00	0.00	0.01
	65	-2.44	-1.01	-0.08	0.00	0.00	0.03
	66	-2.50	-1.37	-0.08	0.00	0.00	0.02
	67	-3.14	1.16	-0.08	0.00	0.00	-0.01
	68	-3.20	0.81	-0.08	0.00	0.00	-0.02
	69	-3.05	-0.21	-0.08	0.00	0.00	0.00
	70	-3.11	-0.56	-0.08	0.00	0.00	-0.01
	71	0.90	2.79	-0.08	0.00	0.00	-0.01
	72	0.71	3.03	-0.08	0.00	0.00	-0.01
	73	-0.80	2.73	-0.08	0.00	0.00	-0.00
	74	-0.98	2.97	-0.08	0.00	0.00	-0.01
	75	0.69	1.60	-0.08	0.00	0.00	-0.03
	76	0.50	1.84	-0.08	0.00	0.00	-0.04
	77	-1.00	1.54	-0.08	0.00	0.00	-0.03
	78	-1.19	1.78	-0.08	0.00	0.00	-0.04
	79	1.19	-1.78	-0.08	0.00	0.00	0.04
	80	1.00	-1.54	-0.08	0.00	0.00	0.03
	81	-0.50	-1.84	-0.08	0.00	0.00	0.04
	82	-0.69	-1.60	-0.08	0.00	0.00	0.03
	83	0.98	-2.97	-0.08	0.00	0.00	0.01
	84	0.80	-2.73	-0.08	0.00	0.00	0.00
	85	-0.71	-3.03	-0.08	0.00	0.00	0.01
	86	-0.90	-2.79	-0.08	0.00	0.00	0.01
113	1	0.35	-0.01	-0.13	0.00	0.00	-0.00
	2	-0.18	0.00	-0.13	0.00	0.00	0.00
	3	-0.02	0.73	-0.13	0.00	0.00	-0.00
	4	0.04	-0.81	-0.13	0.00	0.00	0.00
	5	0.59	-0.01	-0.11	0.00	0.00	-0.00
	6	-0.29	0.00	-0.11	0.00	0.00	0.00
	7	-0.03	1.21	-0.11	0.00	0.00	-0.00
	8	0.06	-1.36	-0.11	0.00	0.00	0.00
	9	3.77	0.88	-0.07	0.00	0.00	0.01
	10	3.70	0.24	-0.07	0.00	0.00	-0.00
	11	3.88	-0.44	-0.07	0.00	0.00	0.03
	12	3.80	-1.08	-0.07	0.00	0.00	0.02
	13	3.03	1.12	-0.07	0.00	0.00	-0.03
	14	2.95	0.48	-0.07	0.00	0.00	-0.04
	15	3.13	-0.20	-0.07	0.00	0.00	-0.01
	16	3.06	-0.84	-0.07	0.00	0.00	-0.02
	17	-3.06	0.84	-0.07	0.00	0.00	0.02
	18	-3.13	0.20	-0.07	0.00	0.00	0.01
	19	-2.95	-0.48	-0.07	0.00	0.00	0.04
	20	-3.03	-1.12	-0.07	0.00	0.00	0.03
	21	-3.80	1.08	-0.07	0.00	0.00	-0.02
	22	-3.88	0.44	-0.07	0.00	0.00	-0.03
	23	-3.70	-0.24	-0.07	0.00	0.00	0.00
	24	-3.77	-0.88	-0.07	0.00	0.00	-0.01
	25	1.09	3.24	-0.07	0.00	0.00	-0.01
	26	0.86	3.31	-0.07	0.00	0.00	-0.02
	27	-0.96	3.22	-0.07	0.00	0.00	-0.00
	28	-1.19	3.30	-0.07	0.00	0.00	-0.01
	29	0.83	1.10	-0.07	0.00	0.00	-0.04
	30	0.61	1.17	-0.07	0.00	0.00	-0.05
	31	-1.22	1.09	-0.07	0.00	0.00	-0.04
	32	-1.44	1.16	-0.07	0.00	0.00	-0.05

	33	1.44	-1.16	-0.07	0.00	0.00	0.05
	34	1.22	-1.09	-0.07	0.00	0.00	0.04
	35	-0.61	-1.17	-0.07	0.00	0.00	0.05
	36	-0.83	-1.10	-0.07	0.00	0.00	0.04
	37	1.19	-3.30	-0.07	0.00	0.00	0.01
	38	0.96	-3.22	-0.07	0.00	0.00	0.00
	39	-0.86	-3.31	-0.07	0.00	0.00	0.02
	40	-1.09	-3.24	-0.07	0.00	0.00	0.01
	41	0.23	-0.00	-0.09	0.00	0.00	-0.00
	42	-0.12	0.00	-0.09	0.00	0.00	0.00
	43	-0.01	0.48	-0.09	0.00	0.00	-0.00
	44	0.02	-0.54	-0.09	0.00	0.00	0.00
	45	0.39	-0.01	-0.08	0.00	0.00	-0.00
	46	-0.20	0.00	-0.08	0.00	0.00	0.00
	47	-0.02	0.81	-0.08	0.00	0.00	-0.00
	48	0.04	-0.90	-0.08	0.00	0.00	0.00
	49	0.00	0.00	-0.08	0.00	0.00	0.00
	50	0.08	-0.00	-0.07	0.00	0.00	-0.00
	51	-0.04	0.00	-0.07	0.00	0.00	0.00
	52	-0.00	0.16	-0.07	0.00	0.00	-0.00
	53	0.01	-0.18	-0.07	0.00	0.00	0.00
	54	0.00	0.00	-0.07	0.00	0.00	0.00
	55	3.11	0.73	-0.07	0.00	0.00	0.01
	56	3.05	0.20	-0.07	0.00	0.00	-0.00
	57	3.20	-0.36	-0.07	0.00	0.00	0.02
	58	3.14	-0.89	-0.07	0.00	0.00	0.01
	59	2.50	0.92	-0.07	0.00	0.00	-0.02
	60	2.44	0.39	-0.07	0.00	0.00	-0.03
	61	2.59	-0.17	-0.07	0.00	0.00	-0.01
	62	2.52	-0.70	-0.07	0.00	0.00	-0.02
	63	-2.52	0.70	-0.07	0.00	0.00	0.02
	64	-2.59	0.17	-0.07	0.00	0.00	0.01
	65	-2.44	-0.39	-0.07	0.00	0.00	0.03
	66	-2.50	-0.92	-0.07	0.00	0.00	0.02
	67	-3.14	0.89	-0.07	0.00	0.00	-0.01
	68	-3.20	0.36	-0.07	0.00	0.00	-0.02
	69	-3.05	-0.20	-0.07	0.00	0.00	0.00
	70	-3.11	-0.73	-0.07	0.00	0.00	-0.01
	71	0.90	2.67	-0.07	0.00	0.00	-0.01
	72	0.71	2.73	-0.07	0.00	0.00	-0.01
	73	-0.80	2.66	-0.07	0.00	0.00	-0.00
	74	-0.98	2.72	-0.07	0.00	0.00	-0.01
	75	0.69	0.91	-0.07	0.00	0.00	-0.03
	76	0.50	0.96	-0.07	0.00	0.00	-0.04
	77	-1.00	0.90	-0.07	0.00	0.00	-0.03
	78	-1.19	0.95	-0.07	0.00	0.00	-0.04
	79	1.19	-0.95	-0.07	0.00	0.00	0.04
	80	1.00	-0.90	-0.07	0.00	0.00	0.03
	81	-0.50	-0.96	-0.07	0.00	0.00	0.04
	82	-0.69	-0.91	-0.07	0.00	0.00	0.03
	83	0.98	-2.72	-0.07	0.00	0.00	0.01
	84	0.80	-2.66	-0.07	0.00	0.00	0.00
	85	-0.71	-2.73	-0.07	0.00	0.00	0.01
	86	-0.90	-2.67	-0.07	0.00	0.00	0.01
114	1	0.35	-0.01	-0.07	0.00	0.00	-0.00
	2	-0.18	0.00	-0.07	0.00	0.00	0.00
	3	-0.02	0.69	-0.07	0.00	0.00	-0.00
	4	0.04	-0.75	-0.07	0.00	0.00	0.00
	5	0.59	-0.02	-0.06	0.00	0.00	-0.00
	6	-0.29	0.01	-0.06	0.00	0.00	0.00
	7	-0.03	1.15	-0.06	0.00	0.00	-0.00
	8	0.06	-1.26	-0.06	0.00	0.00	0.00
	9	3.77	1.08	-0.04	0.00	0.00	0.01
	10	3.70	0.23	-0.04	0.00	0.00	-0.00
	11	3.88	0.10	-0.04	0.00	0.00	0.03

	12	3.80	-0.74	-0.04	0.00	0.00	0.02
	13	3.03	0.58	-0.04	0.00	0.00	-0.03
	14	2.95	-0.27	-0.04	0.00	0.00	-0.04
	15	3.13	-0.40	-0.04	0.00	0.00	-0.01
	16	3.06	-1.25	-0.04	0.00	0.00	-0.02
	17	-3.06	1.25	-0.04	0.00	0.00	0.02
	18	-3.13	0.40	-0.04	0.00	0.00	0.01
	19	-2.95	0.27	-0.04	0.00	0.00	0.04
	20	-3.03	-0.58	-0.04	0.00	0.00	0.03
	21	-3.80	0.74	-0.04	0.00	0.00	-0.02
	22	-3.88	-0.10	-0.04	0.00	0.00	-0.03
	23	-3.70	-0.23	-0.04	0.00	0.00	0.00
	24	-3.77	-1.08	-0.04	0.00	0.00	-0.01
	25	1.09	3.09	-0.04	0.00	0.00	-0.01
	26	0.86	2.94	-0.04	0.00	0.00	-0.02
	27	-0.96	3.14	-0.04	0.00	0.00	-0.00
	28	-1.19	2.99	-0.04	0.00	0.00	-0.01
	29	0.83	0.26	-0.04	0.00	0.00	-0.04
	30	0.61	0.11	-0.04	0.00	0.00	-0.05
	31	-1.22	0.31	-0.04	0.00	0.00	-0.04
	32	-1.44	0.16	-0.04	0.00	0.00	-0.05
	33	1.44	-0.16	-0.04	0.00	0.00	0.05
	34	1.22	-0.31	-0.04	0.00	0.00	0.04
	35	-0.61	-0.11	-0.04	0.00	0.00	0.05
	36	-0.83	-0.26	-0.04	0.00	0.00	0.04
	37	1.19	-2.99	-0.04	0.00	0.00	0.01
	38	0.96	-3.14	-0.04	0.00	0.00	0.00
	39	-0.86	-2.94	-0.04	0.00	0.00	0.02
	40	-1.09	-3.09	-0.04	0.00	0.00	0.01
	41	0.23	-0.01	-0.05	0.00	0.00	-0.00
	42	-0.12	0.00	-0.05	0.00	0.00	0.00
	43	-0.01	0.46	-0.05	0.00	0.00	-0.00
	44	0.02	-0.50	-0.05	0.00	0.00	0.00
	45	0.39	-0.01	-0.05	0.00	0.00	-0.00
	46	-0.20	0.01	-0.05	0.00	0.00	0.00
	47	-0.02	0.77	-0.05	0.00	0.00	-0.00
	48	0.04	-0.84	-0.05	0.00	0.00	0.00
	49	0.00	0.00	-0.05	0.00	0.00	0.00
	50	0.08	-0.00	-0.04	0.00	0.00	-0.00
	51	-0.04	0.00	-0.04	0.00	0.00	0.00
	52	-0.00	0.15	-0.04	0.00	0.00	-0.00
	53	0.01	-0.17	-0.04	0.00	0.00	0.00
	54	0.00	0.00	-0.04	0.00	0.00	0.00
	55	3.11	0.89	-0.04	0.00	0.00	0.01
	56	3.05	0.19	-0.04	0.00	0.00	-0.00
	57	3.20	0.09	-0.04	0.00	0.00	0.02
	58	3.14	-0.61	-0.04	0.00	0.00	0.01
	59	2.50	0.47	-0.04	0.00	0.00	-0.02
	60	2.44	-0.23	-0.04	0.00	0.00	-0.03
	61	2.59	-0.33	-0.04	0.00	0.00	-0.01
	62	2.52	-1.03	-0.04	0.00	0.00	-0.02
	63	-2.52	1.03	-0.04	0.00	0.00	0.02
	64	-2.59	0.33	-0.04	0.00	0.00	0.01
	65	-2.44	0.23	-0.04	0.00	0.00	0.03
	66	-2.50	-0.47	-0.04	0.00	0.00	0.02
	67	-3.14	0.61	-0.04	0.00	0.00	-0.01
	68	-3.20	-0.09	-0.04	0.00	0.00	-0.02
	69	-3.05	-0.19	-0.04	0.00	0.00	0.00
	70	-3.11	-0.89	-0.04	0.00	0.00	-0.01
	71	0.90	2.55	-0.04	0.00	0.00	-0.01
	72	0.71	2.42	-0.04	0.00	0.00	-0.01
	73	-0.80	2.59	-0.04	0.00	0.00	-0.00
	74	-0.98	2.47	-0.04	0.00	0.00	-0.01
	75	0.69	0.21	-0.04	0.00	0.00	-0.03
	76	0.50	0.09	-0.04	0.00	0.00	-0.04

	77	-1.00	0.26	-0.04	0.00	0.00	-0.03
	78	-1.19	0.13	-0.04	0.00	0.00	-0.04
	79	1.19	-0.13	-0.04	0.00	0.00	0.04
	80	1.00	-0.26	-0.04	0.00	0.00	0.03
	81	-0.50	-0.09	-0.04	0.00	0.00	0.04
	82	-0.69	-0.21	-0.04	0.00	0.00	0.03
	83	0.98	-2.47	-0.04	0.00	0.00	0.01
	84	0.80	-2.59	-0.04	0.00	0.00	0.00
	85	-0.71	-2.42	-0.04	0.00	0.00	0.01
	86	-0.90	-2.55	-0.04	0.00	0.00	0.01
115	1	0.36	0.01	-0.04	0.00	0.00	-0.00
	2	-0.18	-0.01	-0.04	0.00	0.00	0.00
	3	0.03	0.90	-0.04	0.00	0.00	-0.00
	4	-0.04	-1.11	-0.04	0.00	0.00	0.00
	5	0.59	0.02	-0.04	0.00	0.00	-0.00
	6	-0.30	-0.01	-0.04	0.00	0.00	0.00
	7	0.04	1.49	-0.04	0.00	0.00	-0.00
	8	-0.07	-1.85	-0.04	0.00	0.00	0.00
	9	3.50	-0.10	-0.03	0.00	0.00	0.01
	10	3.71	0.29	-0.03	0.00	0.00	-0.00
	11	3.15	-3.14	-0.03	0.00	0.00	0.03
	12	3.35	-2.75	-0.03	0.00	0.00	0.02
	13	3.76	3.82	-0.03	0.00	0.00	-0.03
	14	3.97	4.22	-0.03	0.00	0.00	-0.04
	15	3.40	0.79	-0.03	0.00	0.00	-0.01
	16	3.61	1.18	-0.03	0.00	0.00	-0.02
	17	-3.61	-1.18	-0.03	0.00	0.00	0.02
	18	-3.40	-0.79	-0.03	0.00	0.00	0.01
	19	-3.97	-4.22	-0.03	0.00	0.00	0.04
	20	-3.76	-3.82	-0.03	0.00	0.00	0.03
	21	-3.35	2.75	-0.03	0.00	0.00	-0.02
	22	-3.15	3.14	-0.03	0.00	0.00	-0.03
	23	-3.71	-0.29	-0.03	0.00	0.00	0.00
	24	-3.50	0.10	-0.03	0.00	0.00	-0.01
	25	1.29	3.98	-0.03	0.00	0.00	-0.01
	26	1.36	5.15	-0.03	0.00	0.00	-0.02
	27	-0.85	3.65	-0.03	0.00	0.00	-0.00
	28	-0.77	4.83	-0.07	0.00	0.00	-0.01
	29	1.97	5.29	-0.03	0.00	0.00	-0.04
	30	2.05	6.47	-0.03	0.00	0.00	-0.05
	31	-0.16	4.97	-0.03	0.00	0.00	-0.04
	32	-0.09	6.15	-0.03	0.00	0.00	-0.05
	33	0.09	-6.15	-0.03	0.00	0.00	0.05
	34	0.16	-4.97	-0.03	0.00	0.00	0.04
	35	-2.05	-6.47	-0.03	0.00	0.00	0.05
	36	-1.97	-5.29	-0.03	0.00	0.00	0.04
	37	0.77	-4.83	-0.03	0.00	0.00	0.01
	38	0.85	-3.65	-0.03	0.00	0.00	0.00
	39	-1.36	-5.15	-0.03	0.00	0.00	0.02
	40	-1.29	-3.98	-0.03	0.00	0.00	0.01
	41	0.24	0.01	-0.03	0.00	0.00	-0.00
	42	-0.12	-0.00	-0.03	0.00	0.00	0.00
	43	0.02	0.60	-0.03	0.00	0.00	-0.00
	44	-0.03	-0.74	-0.03	0.00	0.00	0.00
	45	0.40	0.01	-0.03	0.00	0.00	-0.00
	46	-0.20	-0.01	-0.03	0.00	0.00	0.00
	47	0.03	1.00	-0.03	0.00	0.00	-0.00
	48	-0.05	-1.23	-0.03	0.00	0.00	0.00
	49	0.00	0.00	-0.03	0.00	0.00	0.00
	50	0.08	0.00	-0.03	0.00	0.00	-0.00
	51	-0.04	-0.00	-0.03	0.00	0.00	0.00
	52	0.01	0.20	-0.03	0.00	0.00	-0.00
	53	-0.01	-0.25	-0.03	0.00	0.00	0.00
	54	0.00	0.00	-0.03	0.00	0.00	0.00
	55	2.89	-0.09	-0.03	0.00	0.00	0.01

	56	3.06	0.24	-0.03	0.00	0.00	-0.00
	57	2.60	-2.59	-0.03	0.00	0.00	0.02
	58	2.76	-2.27	-0.03	0.00	0.00	0.01
	59	3.10	3.16	-0.03	0.00	0.00	-0.02
	60	3.27	3.48	-0.03	0.00	0.00	-0.03
	61	2.81	0.65	-0.07	0.00	0.00	-0.01
	62	2.98	0.98	-0.03	0.00	0.00	-0.02
	63	-2.98	-0.98	-0.03	0.00	0.00	0.02
	64	-2.81	-0.65	-0.03	0.00	0.00	0.01
	65	-3.27	-3.48	-0.03	0.00	0.00	0.03
	66	-3.10	-3.16	-0.03	0.00	0.00	0.02
	67	-2.76	2.27	-0.03	0.00	0.00	-0.01
	68	-2.60	2.59	-0.03	0.00	0.00	-0.02
	69	-3.06	-0.24	-0.03	0.00	0.00	0.00
	70	-2.89	0.09	-0.03	0.00	0.00	-0.01
	71	1.06	3.28	-0.07	0.00	0.00	-0.01
	72	1.12	4.25	-0.03	0.00	0.00	-0.01
	73	-0.70	3.01	-0.03	0.00	0.00	-0.00
	74	-0.64	3.99	-0.03	0.00	0.00	-0.01
	75	1.62	4.37	-0.03	0.00	0.00	-0.03
	76	1.69	5.34	-0.03	0.00	0.00	-0.04
	77	-0.14	4.10	-0.03	0.00	0.00	-0.03
	78	-0.07	5.07	-0.03	0.00	0.00	-0.04
	79	0.07	-5.07	-0.03	0.00	0.00	0.04
	80	0.14	-4.10	-0.03	0.00	0.00	0.03
	81	-1.69	-5.34	-0.03	0.00	0.00	0.04
	82	-1.62	-4.37	-0.03	0.00	0.00	0.03
	83	0.64	-3.99	-0.03	0.00	0.00	0.01
	84	0.70	-3.01	-0.03	0.00	0.00	0.00
	85	-1.12	-4.25	-0.03	0.00	0.00	0.01
	86	-1.06	-3.28	-0.03	0.00	0.00	0.01
116	1	0.36	0.01	-0.12	0.00	0.00	-0.00
	2	-0.18	-0.00	-0.12	0.00	0.00	0.00
	3	0.03	0.86	-0.12	0.00	0.00	-0.00
	4	-0.04	-1.05	-0.12	0.00	0.00	0.00
	5	0.59	0.01	-0.11	0.00	0.00	-0.00
	6	-0.30	-0.01	-0.11	0.00	0.00	0.00
	7	0.04	1.44	-0.11	0.00	0.00	-0.00
	8	-0.07	-1.75	-0.11	0.00	0.00	0.00
	9	3.50	0.09	-0.07	0.00	0.00	0.01
	10	3.71	0.28	-0.07	0.00	0.00	-0.00
	11	3.15	-2.60	-0.07	0.00	0.00	0.03
	12	3.35	-2.41	-0.07	0.00	0.00	0.02
	13	3.76	3.28	-0.07	0.00	0.00	-0.03
	14	3.97	3.47	-0.07	0.00	0.00	-0.04
	15	3.40	0.59	-0.07	0.00	0.00	-0.01
	16	3.61	0.78	-0.07	0.00	0.00	-0.02
	17	-3.61	-0.78	-0.07	0.00	0.00	0.02
	18	-3.40	-0.59	-0.07	0.00	0.00	0.01
	19	-3.97	-3.47	-0.07	0.00	0.00	0.04
	20	-3.76	-3.28	-0.07	0.00	0.00	0.03
	21	-3.35	2.41	-0.07	0.00	0.00	-0.02
	22	-3.15	2.60	-0.07	0.00	0.00	-0.03
	23	-3.71	-0.28	-0.07	0.00	0.00	0.00
	24	-3.50	-0.09	-0.07	0.00	0.00	-0.01
	25	1.29	3.83	-0.07	0.00	0.00	-0.01
	26	1.36	4.78	-0.07	0.00	0.00	-0.02
	27	-0.85	3.57	-0.07	0.00	0.00	-0.00
	28	-0.77	4.52	-0.07	0.00	0.00	-0.01
	29	1.97	4.46	-0.07	0.00	0.00	-0.04
	30	2.05	5.41	-0.07	0.00	0.00	-0.05
	31	-0.16	4.19	-0.07	0.00	0.00	-0.04
	32	-0.09	5.15	-0.07	0.00	0.00	-0.05
	33	0.09	-5.15	-0.07	0.00	0.00	0.05
	34	0.16	-4.19	-0.07	0.00	0.00	0.04

	35	-2.05	-5.41	-0.07	0.00	0.00	0.05
	36	-1.97	-4.46	-0.07	0.00	0.00	0.04
	37	0.77	-4.52	-0.07	0.00	0.00	0.01
	38	0.85	-3.57	-0.07	0.00	0.00	0.00
	39	-1.36	-4.78	-0.07	0.00	0.00	0.02
	40	-1.29	-3.83	-0.07	0.00	0.00	0.01
	41	0.24	0.01	-0.09	0.00	0.00	-0.00
	42	-0.12	-0.00	-0.09	0.00	0.00	0.00
	43	0.02	0.57	-0.09	0.00	0.00	-0.00
	44	-0.03	-0.70	-0.09	0.00	0.00	0.00
	45	0.40	0.01	-0.08	0.00	0.00	-0.00
	46	-0.20	-0.00	-0.08	0.00	0.00	0.00
	47	0.03	0.96	-0.08	0.00	0.00	-0.00
	48	-0.05	-1.17	-0.08	0.00	0.00	0.00
	49	0.00	0.00	-0.07	0.00	0.00	0.00
	50	0.08	0.00	-0.07	0.00	0.00	-0.00
	51	-0.04	-0.00	-0.07	0.00	0.00	0.00
	52	0.01	0.19	-0.07	0.00	0.00	-0.00
	53	-0.01	-0.23	-0.07	0.00	0.00	0.00
	54	0.00	0.00	-0.07	0.00	0.00	0.00
	55	2.89	0.08	-0.07	0.00	0.00	0.01
	56	3.06	0.23	-0.07	0.00	0.00	-0.00
	57	2.60	-2.15	-0.07	0.00	0.00	0.02
	58	2.76	-1.99	-0.07	0.00	0.00	0.01
	59	3.10	2.71	-0.07	0.00	0.00	-0.02
	60	3.27	2.86	-0.07	0.00	0.00	-0.03
	61	2.81	0.49	-0.07	0.00	0.00	-0.01
	62	2.98	0.64	-0.07	0.00	0.00	-0.02
	63	-2.98	-0.64	-0.07	0.00	0.00	0.02
	64	-2.81	-0.49	-0.07	0.00	0.00	0.01
	65	-3.27	-2.86	-0.07	0.00	0.00	0.03
	66	-3.10	-2.71	-0.07	0.00	0.00	0.02
	67	-2.76	1.99	-0.07	0.00	0.00	-0.01
	68	-2.60	2.15	-0.07	0.00	0.00	-0.02
	69	-3.06	-0.23	-0.07	0.00	0.00	0.00
	70	-2.89	-0.08	-0.07	0.00	0.00	-0.01
	71	1.06	3.16	-0.07	0.00	0.00	-0.01
	72	1.12	3.95	-0.07	0.00	0.00	-0.01
	73	-0.70	2.94	-0.07	0.00	0.00	-0.00
	74	-0.64	3.73	-0.07	0.00	0.00	-0.01
	75	1.62	3.68	-0.07	0.00	0.00	-0.03
	76	1.69	4.47	-0.07	0.00	0.00	-0.04
	77	-0.14	3.46	-0.07	0.00	0.00	-0.03
	78	-0.07	4.25	-0.07	0.00	0.00	-0.04
	79	0.07	-4.25	-0.07	0.00	0.00	0.04
	80	0.14	-3.46	-0.07	0.00	0.00	0.03
	81	-1.69	-4.47	-0.07	0.00	0.00	0.04
	82	-1.62	-3.68	-0.07	0.00	0.00	0.03
	83	0.64	-3.73	-0.07	0.00	0.00	0.01
	84	0.70	-2.94	-0.07	0.00	0.00	0.00
	85	-1.12	-3.95	-0.07	0.00	0.00	0.01
	86	-1.06	-3.16	-0.07	0.00	0.00	0.01
117	1	0.36	0.00	-0.13	0.00	0.00	-0.00
	2	-0.18	-0.00	-0.13	0.00	0.00	0.00
	3	0.03	0.83	-0.13	0.00	0.00	-0.00
	4	-0.04	-0.99	-0.13	0.00	0.00	0.00
	5	0.59	0.01	-0.12	0.00	0.00	-0.00
	6	-0.30	-0.00	-0.12	0.00	0.00	0.00
	7	0.04	1.38	-0.12	0.00	0.00	-0.00
	8	-0.07	-1.65	-0.12	0.00	0.00	0.00
	9	3.50	0.29	-0.08	0.00	0.00	0.01
	10	3.71	0.27	-0.08	0.00	0.00	-0.00
	11	3.15	-2.06	-0.08	0.00	0.00	0.03
	12	3.35	-2.08	-0.08	0.00	0.00	0.02
	13	3.76	2.74	-0.08	0.00	0.00	-0.03

	14	3.97	2.72	-0.08	0.00	0.00	-0.04
	15	3.40	0.39	-0.08	0.00	0.00	-0.01
	16	3.61	0.37	-0.08	0.00	0.00	-0.02
	17	-3.61	-0.37	-0.08	0.00	0.00	0.02
	18	-3.40	-0.39	-0.08	0.00	0.00	0.01
	19	-3.97	-2.72	-0.08	0.00	0.00	0.04
	20	-3.76	-2.74	-0.08	0.00	0.00	0.03
	21	-3.35	2.08	-0.08	0.00	0.00	-0.02
	22	-3.15	2.06	-0.08	0.00	0.00	-0.03
	23	-3.71	-0.27	-0.08	0.00	0.00	0.00
	24	-3.50	-0.29	-0.08	0.00	0.00	-0.01
	25	1.29	3.68	-0.08	0.00	0.00	-0.01
	26	1.36	4.42	-0.08	0.00	0.00	-0.02
	27	-0.85	3.48	-0.08	0.00	0.00	-0.00
	28	-0.77	4.22	-0.08	0.00	0.00	-0.01
	29	1.97	3.62	-0.08	0.00	0.00	-0.04
	30	2.05	4.35	-0.08	0.00	0.00	-0.05
	31	-0.16	3.42	-0.08	0.00	0.00	-0.04
	32	-0.09	4.15	-0.08	0.00	0.00	-0.05
	33	0.09	-4.15	-0.08	0.00	0.00	0.05
	34	0.16	-3.42	-0.08	0.00	0.00	0.04
	35	-2.05	-4.35	-0.08	0.00	0.00	0.05
	36	-1.97	-3.62	-0.08	0.00	0.00	0.04
	37	0.77	-4.22	-0.08	0.00	0.00	0.01
	38	0.85	-3.48	-0.08	0.00	0.00	0.00
	39	-1.36	-4.42	-0.08	0.00	0.00	0.02
	40	-1.29	-3.68	-0.08	0.00	0.00	0.01
	41	0.24	0.00	-0.10	0.00	0.00	-0.00
	42	-0.12	-0.00	-0.10	0.00	0.00	0.00
	43	0.02	0.55	-0.10	0.00	0.00	-0.00
	44	-0.03	-0.66	-0.10	0.00	0.00	0.00
	45	0.40	0.00	-0.09	0.00	0.00	-0.00
	46	-0.20	-0.00	-0.09	0.00	0.00	0.00
	47	0.03	0.92	-0.09	0.00	0.00	-0.00
	48	-0.05	-1.10	-0.09	0.00	0.00	0.00
	49	0.00	0.00	-0.08	0.00	0.00	0.00
	50	0.08	0.00	-0.08	0.00	0.00	-0.00
	51	-0.04	-0.00	-0.08	0.00	0.00	0.00
	52	0.01	0.18	-0.08	0.00	0.00	-0.00
	53	-0.01	-0.22	-0.08	0.00	0.00	0.00
	54	0.00	0.00	-0.08	0.00	0.00	0.00
	55	2.89	0.24	-0.08	0.00	0.00	0.01
	56	3.06	0.22	-0.08	0.00	0.00	-0.00
	57	2.60	-1.70	-0.08	0.00	0.00	0.02
	58	2.76	-1.72	-0.08	0.00	0.00	0.01
	59	3.10	2.26	-0.08	0.00	0.00	-0.02
	60	3.27	2.25	-0.08	0.00	0.00	-0.03
	61	2.81	0.32	-0.08	0.00	0.00	-0.01
	62	2.98	0.31	-0.08	0.00	0.00	-0.02
	63	-2.98	-0.31	-0.08	0.00	0.00	0.02
	64	-2.81	-0.32	-0.08	0.00	0.00	0.01
	65	-3.27	-2.25	-0.08	0.00	0.00	0.03
	66	-3.10	-2.26	-0.08	0.00	0.00	0.02
	67	-2.76	1.72	-0.08	0.00	0.00	-0.01
	68	-2.60	1.70	-0.08	0.00	0.00	-0.02
	69	-3.06	-0.22	-0.08	0.00	0.00	0.00
	70	-2.89	-0.24	-0.08	0.00	0.00	-0.01
	71	1.06	3.04	-0.08	0.00	0.00	-0.01
	72	1.12	3.64	-0.08	0.00	0.00	-0.01
	73	-0.70	2.87	-0.08	0.00	0.00	-0.00
	74	-0.64	3.48	-0.08	0.00	0.00	-0.01
	75	1.62	2.98	-0.08	0.00	0.00	-0.03
	76	1.69	3.59	-0.08	0.00	0.00	-0.04
	77	-0.14	2.82	-0.08	0.00	0.00	-0.03
	78	-0.07	3.43	-0.08	0.00	0.00	-0.04

	79	0.07	-3.43	-0.08	0.00	0.00	0.04
	80	0.14	-2.82	-0.08	0.00	0.00	0.03
	81	-1.69	-3.59	-0.08	0.00	0.00	0.04
	82	-1.62	-2.98	-0.08	0.00	0.00	0.03
	83	0.64	-3.48	-0.08	0.00	0.00	0.01
	84	0.70	-2.87	-0.08	0.00	0.00	0.00
	85	-1.12	-3.64	-0.08	0.00	0.00	0.01
	86	-1.06	-3.04	-0.08	0.00	0.00	0.01
118	1	0.36	0.00	-0.13	0.00	0.00	-0.00
	2	-0.18	-0.00	-0.13	0.00	0.00	0.00
	3	0.03	0.79	-0.13	0.00	0.00	-0.00
	4	-0.04	-0.93	-0.13	0.00	0.00	0.00
	5	0.59	0.00	-0.11	0.00	0.00	-0.00
	6	-0.30	-0.00	-0.11	0.00	0.00	0.00
	7	0.04	1.32	-0.11	0.00	0.00	-0.00
	8	-0.07	-1.55	-0.11	0.00	0.00	0.00
	9	3.50	0.49	-0.07	0.00	0.00	0.01
	10	3.71	0.26	-0.07	0.00	0.00	-0.00
	11	3.15	-1.52	-0.07	0.00	0.00	0.03
	12	3.35	-1.75	-0.07	0.00	0.00	0.02
	13	3.76	2.20	-0.07	0.00	0.00	-0.03
	14	3.97	1.97	-0.07	0.00	0.00	-0.04
	15	3.40	0.19	-0.07	0.00	0.00	-0.01
	16	3.61	-0.03	-0.07	0.00	0.00	-0.02
	17	-3.61	0.03	-0.07	0.00	0.00	0.02
	18	-3.40	-0.19	-0.07	0.00	0.00	0.01
	19	-3.97	-1.97	-0.07	0.00	0.00	0.04
	20	-3.76	-2.20	-0.07	0.00	0.00	0.03
	21	-3.35	1.75	-0.07	0.00	0.00	-0.02
	22	-3.15	1.52	-0.07	0.00	0.00	-0.03
	23	-3.71	-0.26	-0.07	0.00	0.00	0.00
	24	-3.50	-0.49	-0.07	0.00	0.00	-0.01
	25	1.29	3.53	-0.07	0.00	0.00	-0.01
	26	1.36	4.05	-0.07	0.00	0.00	-0.02
	27	-0.85	3.40	-0.07	0.00	0.00	-0.00
	28	-0.77	3.91	-0.07	0.00	0.00	-0.01
	29	1.97	2.78	-0.07	0.00	0.00	-0.04
	30	2.05	3.29	-0.07	0.00	0.00	-0.05
	31	-0.16	2.64	-0.07	0.00	0.00	-0.04
	32	-0.09	3.15	-0.07	0.00	0.00	-0.05
	33	0.09	-3.15	-0.07	0.00	0.00	0.05
	34	0.16	-2.64	-0.07	0.00	0.00	0.04
	35	-2.05	-3.29	-0.07	0.00	0.00	0.05
	36	-1.97	-2.78	-0.07	0.00	0.00	0.04
	37	0.77	-3.91	-0.07	0.00	0.00	0.01
	38	0.85	-3.40	-0.07	0.00	0.00	0.00
	39	-1.36	-4.05	-0.07	0.00	0.00	0.02
	40	-1.29	-3.53	-0.07	0.00	0.00	0.01
	41	0.24	0.00	-0.09	0.00	0.00	-0.00
	42	-0.12	-0.00	-0.09	0.00	0.00	0.00
	43	0.02	0.53	-0.09	0.00	0.00	-0.00
	44	-0.03	-0.62	-0.09	0.00	0.00	0.00
	45	0.40	0.00	-0.08	0.00	0.00	-0.00
	46	-0.20	-0.00	-0.08	0.00	0.00	0.00
	47	0.03	0.88	-0.08	0.00	0.00	-0.00
	48	-0.05	-1.04	-0.08	0.00	0.00	0.00
	49	0.00	0.00	-0.08	0.00	0.00	0.00
	50	0.08	0.00	-0.07	0.00	0.00	-0.00
	51	-0.04	-0.00	-0.07	0.00	0.00	0.00
	52	0.01	0.18	-0.07	0.00	0.00	-0.00
	53	-0.01	-0.21	-0.07	0.00	0.00	0.00
	54	0.00	0.00	-0.07	0.00	0.00	0.00
	55	2.89	0.40	-0.07	0.00	0.00	0.01
	56	3.06	0.21	-0.07	0.00	0.00	-0.00
	57	2.60	-1.25	-0.07	0.00	0.00	0.02

	58	2.76	-1.44	-0.07	0.00	0.00	0.01
	59	3.10	1.81	-0.07	0.00	0.00	-0.02
	60	3.27	1.63	-0.07	0.00	0.00	-0.03
	61	2.81	0.16	-0.07	0.00	0.00	-0.01
	62	2.98	-0.03	-0.07	0.00	0.00	-0.02
	63	-2.98	0.03	-0.07	0.00	0.00	0.02
	64	-2.81	-0.16	-0.07	0.00	0.00	0.01
	65	-3.27	-1.63	-0.07	0.00	0.00	0.03
	66	-3.10	-1.81	-0.07	0.00	0.00	0.02
	67	-2.76	1.44	-0.07	0.00	0.00	-0.01
	68	-2.60	1.25	-0.07	0.00	0.00	-0.02
	69	-3.06	-0.21	-0.07	0.00	0.00	0.00
	70	-2.89	-0.40	-0.07	0.00	0.00	-0.01
	71	1.06	2.91	-0.07	0.00	0.00	-0.01
	72	1.12	3.34	-0.07	0.00	0.00	-0.01
	73	-0.70	2.80	-0.07	0.00	0.00	-0.00
	74	-0.64	3.23	-0.07	0.00	0.00	-0.01
	75	1.62	2.29	-0.07	0.00	0.00	-0.03
	76	1.69	2.72	-0.07	0.00	0.00	-0.04
	77	-0.14	2.18	-0.07	0.00	0.00	-0.03
	78	-0.07	2.60	-0.07	0.00	0.00	-0.04
	79	0.07	-2.60	-0.07	0.00	0.00	0.04
	80	0.14	-2.18	-0.07	0.00	0.00	0.03
	81	-1.69	-2.72	-0.07	0.00	0.00	0.04
	82	-1.62	-2.29	-0.07	0.00	0.00	0.03
	83	0.64	-3.23	-0.07	0.00	0.00	0.01
	84	0.70	-2.80	-0.07	0.00	0.00	0.00
	85	-1.12	-3.34	-0.07	0.00	0.00	0.01
	86	-1.06	-2.91	-0.07	0.00	0.00	0.01
119	1	0.36	-0.00	-0.13	0.00	0.00	-0.00
	2	-0.18	0.00	-0.13	0.00	0.00	0.00
	3	0.03	0.76	-0.13	0.00	0.00	-0.00
	4	-0.04	-0.87	-0.13	0.00	0.00	0.00
	5	0.59	-0.00	-0.12	0.00	0.00	-0.00
	6	-0.30	0.00	-0.12	0.00	0.00	0.00
	7	0.04	1.27	-0.12	0.00	0.00	-0.00
	8	-0.07	-1.45	-0.12	0.00	0.00	0.00
	9	3.50	0.68	-0.08	0.00	0.00	0.01
	10	3.71	0.25	-0.08	0.00	0.00	-0.00
	11	3.15	-0.98	-0.08	0.00	0.00	0.03
	12	3.35	-1.41	-0.08	0.00	0.00	0.02
	13	3.76	1.66	-0.08	0.00	0.00	-0.03
	14	3.97	1.22	-0.08	0.00	0.00	-0.04
	15	3.40	-0.00	-0.08	0.00	0.00	-0.01
	16	3.61	-0.44	-0.08	0.00	0.00	-0.02
	17	-3.61	0.44	-0.08	0.00	0.00	0.02
	18	-3.40	0.00	-0.08	0.00	0.00	0.01
	19	-3.97	-1.22	-0.08	0.00	0.00	0.04
	20	-3.76	-1.66	-0.08	0.00	0.00	0.03
	21	-3.35	1.41	-0.08	0.00	0.00	-0.02
	22	-3.15	0.98	-0.08	0.00	0.00	-0.03
	23	-3.71	-0.25	-0.08	0.00	0.00	0.00
	24	-3.50	-0.68	-0.08	0.00	0.00	-0.01
	25	1.29	3.38	-0.08	0.00	0.00	-0.01
	26	1.36	3.68	-0.08	0.00	0.00	-0.02
	27	-0.85	3.31	-0.08	0.00	0.00	-0.00
	28	-0.77	3.60	-0.08	0.00	0.00	-0.01
	29	1.97	1.94	-0.08	0.00	0.00	-0.04
	30	2.05	2.23	-0.08	0.00	0.00	-0.05
	31	-0.16	1.86	-0.08	0.00	0.00	-0.04
	32	-0.09	2.16	-0.08	0.00	0.00	-0.05
	33	0.09	-2.16	-0.08	0.00	0.00	0.05
	34	0.16	-1.86	-0.08	0.00	0.00	0.04
	35	-2.05	-2.23	-0.08	0.00	0.00	0.05
	36	-1.97	-1.94	-0.08	0.00	0.00	0.04

	37	0.77	-3.60	-0.08	0.00	0.00	0.01
	38	0.85	-3.31	-0.08	0.00	0.00	0.00
	39	-1.36	-3.68	-0.08	0.00	0.00	0.02
	40	-1.29	-3.38	-0.08	0.00	0.00	0.01
	41	0.24	-0.00	-0.09	0.00	0.00	-0.00
	42	-0.12	0.00	-0.09	0.00	0.00	0.00
	43	0.02	0.51	-0.09	0.00	0.00	-0.00
	44	-0.03	-0.58	-0.09	0.00	0.00	0.00
	45	0.40	-0.00	-0.08	0.00	0.00	-0.00
	46	-0.20	0.00	-0.08	0.00	0.00	0.00
	47	0.03	0.84	-0.08	0.00	0.00	-0.00
	48	-0.05	-0.97	-0.08	0.00	0.00	0.00
	49	0.00	0.00	-0.08	0.00	0.00	0.00
	50	0.08	-0.00	-0.08	0.00	0.00	-0.00
	51	-0.04	0.00	-0.08	0.00	0.00	0.00
	52	0.01	0.17	-0.08	0.00	0.00	-0.00
	53	-0.01	-0.19	-0.08	0.00	0.00	0.00
	54	0.00	0.00	-0.08	0.00	0.00	0.00
	55	2.89	0.56	-0.08	0.00	0.00	0.01
	56	3.06	0.21	-0.08	0.00	0.00	-0.00
	57	2.60	-0.81	-0.08	0.00	0.00	0.02
	58	2.76	-1.16	-0.08	0.00	0.00	0.01
	59	3.10	1.37	-0.08	0.00	0.00	-0.02
	60	3.27	1.01	-0.08	0.00	0.00	-0.03
	61	2.81	-0.00	-0.08	0.00	0.00	-0.01
	62	2.98	-0.36	-0.08	0.00	0.00	-0.02
	63	-2.98	0.36	-0.08	0.00	0.00	0.02
	64	-2.81	0.00	-0.08	0.00	0.00	0.01
	65	-3.27	-1.01	-0.08	0.00	0.00	0.03
	66	-3.10	-1.37	-0.08	0.00	0.00	0.02
	67	-2.76	1.16	-0.08	0.00	0.00	-0.01
	68	-2.60	0.81	-0.08	0.00	0.00	-0.02
	69	-3.06	-0.21	-0.08	0.00	0.00	0.00
	70	-2.89	-0.56	-0.08	0.00	0.00	-0.01
	71	1.06	2.79	-0.08	0.00	0.00	-0.01
	72	1.12	3.03	-0.08	0.00	0.00	-0.01
	73	-0.70	2.73	-0.08	0.00	0.00	-0.00
	74	-0.64	2.97	-0.08	0.00	0.00	-0.01
	75	1.62	1.60	-0.08	0.00	0.00	-0.03
	76	1.69	1.84	-0.08	0.00	0.00	-0.04
	77	-0.14	1.54	-0.08	0.00	0.00	-0.03
	78	-0.07	1.78	-0.08	0.00	0.00	-0.04
	79	0.07	-1.78	-0.08	0.00	0.00	0.04
	80	0.14	-1.54	-0.08	0.00	0.00	0.03
	81	-1.69	-1.84	-0.08	0.00	0.00	0.04
	82	-1.62	-1.60	-0.08	0.00	0.00	0.03
	83	0.64	-2.97	-0.08	0.00	0.00	0.01
	84	0.70	-2.73	-0.08	0.00	0.00	0.00
	85	-1.12	-3.03	-0.08	0.00	0.00	0.01
	86	-1.06	-2.79	-0.08	0.00	0.00	0.01
120	1	0.36	-0.01	-0.13	0.00	0.00	-0.00
	2	-0.18	0.00	-0.13	0.00	0.00	0.00
	3	0.03	0.73	-0.13	0.00	0.00	-0.00
	4	-0.04	-0.81	-0.13	0.00	0.00	0.00
	5	0.59	-0.01	-0.11	0.00	0.00	-0.00
	6	-0.30	0.00	-0.11	0.00	0.00	0.00
	7	0.04	1.21	-0.11	0.00	0.00	-0.00
	8	-0.07	-1.36	-0.11	0.00	0.00	0.00
	9	3.50	0.88	-0.07	0.00	0.00	0.01
	10	3.71	0.24	-0.07	0.00	0.00	-0.00
	11	3.15	-0.44	-0.07	0.00	0.00	0.03
	12	3.35	-1.08	-0.07	0.00	0.00	0.02
	13	3.76	1.12	-0.07	0.00	0.00	-0.03
	14	3.97	0.48	-0.07	0.00	0.00	-0.04
	15	3.40	-0.20	-0.07	0.00	0.00	-0.01

	16	3.61	-0.84	-0.07	0.00	0.00	-0.02
	17	-3.61	0.84	-0.07	0.00	0.00	0.02
	18	-3.40	0.20	-0.07	0.00	0.00	0.01
	19	-3.97	-0.48	-0.07	0.00	0.00	0.04
	20	-3.76	-1.12	-0.07	0.00	0.00	0.03
	21	-3.35	1.08	-0.07	0.00	0.00	-0.02
	22	-3.15	0.44	-0.07	0.00	0.00	-0.03
	23	-3.71	-0.24	-0.07	0.00	0.00	0.00
	24	-3.50	-0.88	-0.07	0.00	0.00	-0.01
	25	1.29	3.24	-0.07	0.00	0.00	-0.01
	26	1.36	3.31	-0.07	0.00	0.00	-0.02
	27	-0.85	3.22	-0.07	0.00	0.00	-0.00
	28	-0.77	3.30	-0.07	0.00	0.00	-0.01
	29	1.97	1.10	-0.07	0.00	0.00	-0.04
	30	2.05	1.17	-0.07	0.00	0.00	-0.05
	31	-0.16	1.09	-0.07	0.00	0.00	-0.04
	32	-0.09	1.16	-0.07	0.00	0.00	-0.05
	33	0.09	-1.16	-0.07	0.00	0.00	0.05
	34	0.16	-1.09	-0.07	0.00	0.00	0.04
	35	-2.05	-1.17	-0.07	0.00	0.00	0.05
	36	-1.97	-1.10	-0.07	0.00	0.00	0.04
	37	0.77	-3.30	-0.07	0.00	0.00	0.01
	38	0.85	-3.22	-0.07	0.00	0.00	0.00
	39	-1.36	-3.31	-0.07	0.00	0.00	0.02
	40	-1.29	-3.24	-0.07	0.00	0.00	0.01
	41	0.24	-0.00	-0.09	0.00	0.00	-0.00
	42	-0.12	0.00	-0.09	0.00	0.00	0.00
	43	0.02	0.48	-0.09	0.00	0.00	-0.00
	44	-0.03	-0.54	-0.09	0.00	0.00	0.00
	45	0.40	-0.01	-0.08	0.00	0.00	-0.00
	46	-0.20	0.00	-0.08	0.00	0.00	0.00
	47	0.03	0.81	-0.08	0.00	0.00	-0.00
	48	-0.05	-0.90	-0.08	0.00	0.00	0.00
	49	0.00	0.00	-0.08	0.00	0.00	0.00
	50	0.08	-0.00	-0.07	0.00	0.00	-0.00
	51	-0.04	0.00	-0.07	0.00	0.00	0.00
	52	0.01	0.16	-0.07	0.00	0.00	-0.00
	53	-0.01	-0.18	-0.07	0.00	0.00	0.00
	54	0.00	0.00	-0.07	0.00	0.00	0.00
	55	2.89	0.73	-0.07	0.00	0.00	0.01
	56	3.06	0.20	-0.07	0.00	0.00	-0.00
	57	2.60	-0.36	-0.07	0.00	0.00	0.02
	58	2.76	-0.89	-0.07	0.00	0.00	0.01
	59	3.10	0.92	-0.07	0.00	0.00	-0.02
	60	3.27	0.39	-0.07	0.00	0.00	-0.03
	61	2.81	-0.17	-0.07	0.00	0.00	-0.01
	62	2.98	-0.70	-0.07	0.00	0.00	-0.02
	63	-2.98	0.70	-0.07	0.00	0.00	0.02
	64	-2.81	0.17	-0.07	0.00	0.00	0.01
	65	-3.27	-0.39	-0.07	0.00	0.00	0.03
	66	-3.10	-0.92	-0.07	0.00	0.00	0.02
	67	-2.76	0.89	-0.07	0.00	0.00	-0.01
	68	-2.60	0.36	-0.07	0.00	0.00	-0.02
	69	-3.06	-0.20	-0.07	0.00	0.00	0.00
	70	-2.89	-0.73	-0.07	0.00	0.00	-0.01
	71	1.06	2.67	-0.07	0.00	0.00	-0.01
	72	1.12	2.73	-0.07	0.00	0.00	-0.01
	73	-0.70	2.66	-0.07	0.00	0.00	-0.00
	74	-0.64	2.72	-0.07	0.00	0.00	-0.01
	75	1.62	0.91	-0.07	0.00	0.00	-0.03
	76	1.69	0.96	-0.07	0.00	0.00	-0.04
	77	-0.14	0.90	-0.07	0.00	0.00	-0.03
	78	-0.07	0.95	-0.07	0.00	0.00	-0.04
	79	0.07	-0.95	-0.07	0.00	0.00	0.04
	80	0.14	-0.90	-0.07	0.00	0.00	0.03

	81	-1.69	-0.96	-0.07	0.00	0.00	0.04
	82	-1.62	-0.91	-0.07	0.00	0.00	0.03
	83	0.64	-2.72	-0.07	0.00	0.00	0.01
	84	0.70	-2.66	-0.07	0.00	0.00	0.00
	85	-1.12	-2.73	-0.07	0.00	0.00	0.01
	86	-1.06	-2.67	-0.07	0.00	0.00	0.01
121	1	0.36	-0.01	-0.07	0.00	0.00	-0.00
	2	-0.18	0.00	-0.07	0.00	0.00	0.00
	3	0.03	0.69	-0.07	0.00	0.00	-0.00
	4	-0.04	-0.75	-0.07	0.00	0.00	0.00
	5	0.59	-0.02	-0.06	0.00	0.00	-0.00
	6	-0.30	0.01	-0.06	0.00	0.00	0.00
	7	0.04	1.15	-0.06	0.00	0.00	-0.00
	8	-0.07	-1.26	-0.06	0.00	0.00	0.00
	9	3.50	1.08	-0.04	0.00	0.00	0.01
	10	3.71	0.23	-0.04	0.00	0.00	-0.00
	11	3.15	0.10	-0.04	0.00	0.00	0.03
	12	3.35	-0.74	-0.04	0.00	0.00	0.02
	13	3.76	0.58	-0.04	0.00	0.00	-0.03
	14	3.97	-0.27	-0.04	0.00	0.00	-0.04
	15	3.40	-0.40	-0.04	0.00	0.00	-0.01
	16	3.61	-1.25	-0.04	0.00	0.00	-0.02
	17	-3.61	1.25	-0.04	0.00	0.00	0.02
	18	-3.40	0.40	-0.04	0.00	0.00	0.01
	19	-3.97	0.27	-0.04	0.00	0.00	0.04
	20	-3.76	-0.58	-0.04	0.00	0.00	0.03
	21	-3.35	0.74	-0.04	0.00	0.00	-0.02
	22	-3.15	-0.10	-0.04	0.00	0.00	-0.03
	23	-3.71	-0.23	-0.04	0.00	0.00	0.00
	24	-3.50	-1.08	-0.04	0.00	0.00	-0.01
	25	1.29	3.09	-0.04	0.00	0.00	-0.01
	26	1.36	2.94	-0.04	0.00	0.00	-0.02
	27	-0.85	3.14	-0.04	0.00	0.00	-0.00
	28	-0.77	2.99	-0.04	0.00	0.00	-0.01
	29	1.97	0.26	-0.04	0.00	0.00	-0.04
	30	2.05	0.11	-0.04	0.00	0.00	-0.05
	31	-0.16	0.31	-0.04	0.00	0.00	-0.04
	32	-0.09	0.16	-0.04	0.00	0.00	-0.05
	33	0.09	-0.16	-0.04	0.00	0.00	0.05
	34	0.16	-0.31	-0.04	0.00	0.00	0.04
	35	-2.05	-0.11	-0.04	0.00	0.00	0.05
	36	-1.97	-0.26	-0.04	0.00	0.00	0.04
	37	0.77	-2.99	-0.04	0.00	0.00	0.01
	38	0.85	-3.14	-0.04	0.00	0.00	0.00
	39	-1.36	-2.94	-0.04	0.00	0.00	0.02
	40	-1.29	-3.09	-0.04	0.00	0.00	0.01
	41	0.24	-0.01	-0.05	0.00	0.00	-0.00
	42	-0.12	0.00	-0.05	0.00	0.00	0.00
	43	0.02	0.46	-0.05	0.00	0.00	-0.00
	44	-0.03	-0.50	-0.05	0.00	0.00	0.00
	45	0.40	-0.01	-0.05	0.00	0.00	-0.00
	46	-0.20	0.01	-0.05	0.00	0.00	0.00
	47	0.03	0.77	-0.05	0.00	0.00	-0.00
	48	-0.05	-0.84	-0.05	0.00	0.00	0.00
	49	0.00	0.00	-0.05	0.00	0.00	0.00
	50	0.08	-0.00	-0.04	0.00	0.00	-0.00
	51	-0.04	0.00	-0.04	0.00	0.00	0.00
	52	0.01	0.15	-0.04	0.00	0.00	-0.00
	53	-0.01	-0.17	-0.04	0.00	0.00	0.00
	54	0.00	0.00	-0.04	0.00	0.00	0.00
	55	2.89	0.89	-0.04	0.00	0.00	0.01
	56	3.06	0.19	-0.04	0.00	0.00	-0.00
	57	2.60	0.09	-0.04	0.00	0.00	0.02
	58	2.76	-0.61	-0.04	0.00	0.00	0.01
	59	3.10	0.47	-0.04	0.00	0.00	-0.02

	60	3.27	-0.23	-0.04	0.00	0.00	-0.03
	61	2.81	-0.33	-0.04	0.00	0.00	-0.01
	62	2.98	-1.03	-0.04	0.00	0.00	-0.02
	63	-2.98	1.03	-0.04	0.00	0.00	0.02
	64	-2.81	0.33	-0.04	0.00	0.00	0.01
	65	-3.27	0.23	-0.04	0.00	0.00	0.03
	66	-3.10	-0.47	-0.04	0.00	0.00	0.02
	67	-2.76	0.61	-0.04	0.00	0.00	-0.01
	68	-2.60	-0.09	-0.04	0.00	0.00	-0.02
	69	-3.06	-0.19	-0.04	0.00	0.00	0.00
	70	-2.89	-0.89	-0.04	0.00	0.00	-0.01
	71	1.06	2.55	-0.04	0.00	0.00	-0.01
	72	1.12	2.42	-0.04	0.00	0.00	-0.01
	73	-0.70	2.59	-0.04	0.00	0.00	-0.00
	74	-0.64	2.47	-0.04	0.00	0.00	-0.01
	75	1.62	0.21	-0.04	0.00	0.00	-0.03
	76	1.69	0.09	-0.04	0.00	0.00	-0.04
	77	-0.14	0.26	-0.04	0.00	0.00	-0.03
	78	-0.07	0.13	-0.04	0.00	0.00	-0.04
	79	0.07	-0.13	-0.04	0.00	0.00	0.04
	80	0.14	-0.26	-0.04	0.00	0.00	0.03
	81	-1.69	-0.09	-0.04	0.00	0.00	0.04
	82	-1.62	-0.21	-0.04	0.00	0.00	0.03
	83	0.64	-2.47	-0.04	0.00	0.00	0.01
	84	0.70	-2.59	-0.04	0.00	0.00	0.00
	85	-1.12	-2.42	-0.04	0.00	0.00	0.01
	86	-1.06	-2.55	-0.04	0.00	0.00	0.01
122	1	0.36	0.01	-0.03	0.00	0.00	-0.00
	2	-0.18	-0.01	-0.03	0.00	0.00	0.00
	3	0.07	0.90	-0.03	0.00	0.00	-0.00
	4	-0.12	-1.11	-0.03	0.00	0.00	0.00
	5	0.60	0.02	-0.03	0.00	0.00	-0.00
	6	-0.30	-0.01	-0.03	0.00	0.00	0.00
	7	0.12	1.49	-0.03	0.00	0.00	-0.00
	8	-0.21	-1.85	-0.03	0.00	0.00	0.00
	9	3.24	-0.10	-0.02	0.00	0.00	0.01
	10	3.72	0.29	-0.02	0.00	0.00	-0.00
	11	2.41	-3.14	-0.02	0.00	0.00	0.03
	12	2.90	-2.75	-0.02	0.00	0.00	0.02
	13	4.50	3.82	-0.02	0.00	0.00	-0.03
	14	4.98	4.22	-0.02	0.00	0.00	-0.04
	15	3.67	0.79	-0.02	0.00	0.00	-0.01
	16	4.16	1.18	-0.02	0.00	0.00	-0.02
	17	-4.16	-1.18	-0.02	0.00	0.00	0.02
	18	-3.67	-0.79	-0.02	0.00	0.00	0.01
	19	-4.98	-4.22	-0.02	0.00	0.00	0.04
	20	-4.50	-3.82	-0.02	0.00	0.00	0.03
	21	-2.90	2.75	-0.02	0.00	0.00	-0.02
	22	-2.41	3.14	-0.02	0.00	0.00	-0.03
	23	-3.72	-0.29	-0.02	0.00	0.00	0.00
	24	-3.24	0.10	-0.02	0.00	0.00	-0.01
	25	1.49	3.98	-0.02	0.00	0.00	-0.01
	26	1.86	5.15	-0.02	0.00	0.00	-0.02
	27	-0.73	3.65	-0.02	0.00	0.00	-0.00
	28	-0.35	4.83	-0.05	0.00	0.00	-0.01
	29	3.11	5.29	-0.02	0.00	0.00	-0.04
	30	3.49	6.47	-0.02	0.00	0.00	-0.05
	31	0.89	4.97	-0.02	0.00	0.00	-0.04
	32	1.27	6.15	-0.02	0.00	0.00	-0.05
	33	-1.27	-6.15	-0.02	0.00	0.00	0.05
	34	-0.89	-4.97	-0.02	0.00	0.00	0.04
	35	-3.49	-6.47	-0.02	0.00	0.00	0.05
	36	-3.11	-5.29	-0.02	0.00	0.00	0.04
	37	0.35	-4.83	-0.02	0.00	0.00	0.01
	38	0.73	-3.65	-0.02	0.00	0.00	0.00

	39	-1.86	-5.15	-0.02	0.00	0.00	0.02
	40	-1.49	-3.98	-0.02	0.00	0.00	0.01
	41	0.24	0.01	-0.02	0.00	0.00	-0.00
	42	-0.12	-0.00	-0.02	0.00	0.00	0.00
	43	0.05	0.60	-0.02	0.00	0.00	-0.00
	44	-0.08	-0.74	-0.02	0.00	0.00	0.00
	45	0.40	0.01	-0.02	0.00	0.00	-0.00
	46	-0.20	-0.01	-0.02	0.00	0.00	0.00
	47	0.08	1.00	-0.02	0.00	0.00	-0.00
	48	-0.14	-1.23	-0.02	0.00	0.00	0.00
	49	0.00	0.00	-0.02	0.00	0.00	0.00
	50	0.08	0.00	-0.02	0.00	0.00	-0.00
	51	-0.04	-0.00	-0.02	0.00	0.00	0.00
	52	0.02	0.20	-0.02	0.00	0.00	-0.00
	53	-0.03	-0.25	-0.02	0.00	0.00	0.00
	54	0.00	0.00	-0.02	0.00	0.00	0.00
	55	2.67	-0.09	-0.02	0.00	0.00	0.01
	56	3.07	0.24	-0.02	0.00	0.00	-0.00
	57	1.99	-2.59	-0.02	0.00	0.00	0.02
	58	2.39	-2.27	-0.02	0.00	0.00	0.01
	59	3.71	3.16	-0.02	0.00	0.00	-0.02
	60	4.11	3.48	-0.02	0.00	0.00	-0.03
	61	3.03	0.65	-0.05	0.00	0.00	-0.01
	62	3.43	0.98	-0.02	0.00	0.00	-0.02
	63	-3.43	-0.98	-0.02	0.00	0.00	0.02
	64	-3.03	-0.65	-0.02	0.00	0.00	0.01
	65	-4.11	-3.48	-0.02	0.00	0.00	0.03
	66	-3.71	-3.16	-0.02	0.00	0.00	0.02
	67	-2.39	2.27	-0.02	0.00	0.00	-0.01
	68	-1.99	2.59	-0.02	0.00	0.00	-0.02
	69	-3.07	-0.24	-0.02	0.00	0.00	0.00
	70	-2.67	0.09	-0.02	0.00	0.00	-0.01
	71	1.23	3.28	-0.05	0.00	0.00	-0.01
	72	1.54	4.25	-0.02	0.00	0.00	-0.01
	73	-0.60	3.01	-0.02	0.00	0.00	-0.00
	74	-0.29	3.99	-0.02	0.00	0.00	-0.01
	75	2.56	4.37	-0.02	0.00	0.00	-0.03
	76	2.88	5.34	-0.02	0.00	0.00	-0.04
	77	0.73	4.10	-0.02	0.00	0.00	-0.03
	78	1.05	5.07	-0.02	0.00	0.00	-0.04
	79	-1.05	-5.07	-0.02	0.00	0.00	0.04
	80	-0.73	-4.10	-0.02	0.00	0.00	0.03
	81	-2.88	-5.34	-0.02	0.00	0.00	0.04
	82	-2.56	-4.37	-0.02	0.00	0.00	0.03
	83	0.29	-3.99	-0.02	0.00	0.00	0.01
	84	0.60	-3.01	-0.02	0.00	0.00	0.00
	85	-1.54	-4.25	-0.02	0.00	0.00	0.01
	86	-1.23	-3.28	-0.02	0.00	0.00	0.01
123	1	0.36	0.01	-0.07	0.00	0.00	-0.00
	2	-0.18	-0.00	-0.07	0.00	0.00	0.00
	3	0.07	0.86	-0.07	0.00	0.00	-0.00
	4	-0.12	-1.05	-0.07	0.00	0.00	0.00
	5	0.60	0.01	-0.06	0.00	0.00	-0.00
	6	-0.30	-0.01	-0.06	0.00	0.00	0.00
	7	0.12	1.44	-0.06	0.00	0.00	-0.00
	8	-0.21	-1.75	-0.06	0.00	0.00	0.00
	9	3.24	0.09	-0.04	0.00	0.00	0.01
	10	3.72	0.28	-0.04	0.00	0.00	-0.00
	11	2.41	-2.60	-0.04	0.00	0.00	0.03
	12	2.90	-2.41	-0.04	0.00	0.00	0.02
	13	4.50	3.28	-0.04	0.00	0.00	-0.03
	14	4.98	3.47	-0.04	0.00	0.00	-0.04
	15	3.67	0.59	-0.04	0.00	0.00	-0.01
	16	4.16	0.78	-0.04	0.00	0.00	-0.02
	17	-4.16	-0.78	-0.04	0.00	0.00	0.02

	18	-3.67	-0.59	-0.04	0.00	0.00	0.01
	19	-4.98	-3.47	-0.04	0.00	0.00	0.04
	20	-4.50	-3.28	-0.04	0.00	0.00	0.03
	21	-2.90	2.41	-0.04	0.00	0.00	-0.02
	22	-2.41	2.60	-0.04	0.00	0.00	-0.03
	23	-3.72	-0.28	-0.04	0.00	0.00	0.00
	24	-3.24	-0.09	-0.04	0.00	0.00	-0.01
	25	1.49	3.83	-0.04	0.00	0.00	-0.01
	26	1.86	4.78	-0.04	0.00	0.00	-0.02
	27	-0.73	3.57	-0.04	0.00	0.00	-0.00
	28	-0.35	4.52	-0.07	0.00	0.00	-0.01
	29	3.11	4.46	-0.04	0.00	0.00	-0.04
	30	3.49	5.41	-0.04	0.00	0.00	-0.05
	31	0.89	4.19	-0.04	0.00	0.00	-0.04
	32	1.27	5.15	-0.04	0.00	0.00	-0.05
	33	-1.27	-5.15	-0.04	0.00	0.00	0.05
	34	-0.89	-4.19	-0.04	0.00	0.00	0.04
	35	-3.49	-5.41	-0.04	0.00	0.00	0.05
	36	-3.11	-4.46	-0.04	0.00	0.00	0.04
	37	0.35	-4.52	-0.04	0.00	0.00	0.01
	38	0.73	-3.57	-0.04	0.00	0.00	0.00
	39	-1.86	-4.78	-0.04	0.00	0.00	0.02
	40	-1.49	-3.83	-0.04	0.00	0.00	0.01
	41	0.24	0.01	-0.05	0.00	0.00	-0.00
	42	-0.12	-0.00	-0.05	0.00	0.00	0.00
	43	0.05	0.57	-0.05	0.00	0.00	-0.00
	44	-0.08	-0.70	-0.05	0.00	0.00	0.00
	45	0.40	0.01	-0.05	0.00	0.00	-0.00
	46	-0.20	-0.00	-0.05	0.00	0.00	0.00
	47	0.08	0.96	-0.05	0.00	0.00	-0.00
	48	-0.14	-1.17	-0.05	0.00	0.00	0.00
	49	0.00	0.00	-0.04	0.00	0.00	0.00
	50	0.08	0.00	-0.04	0.00	0.00	-0.00
	51	-0.04	-0.00	-0.04	0.00	0.00	0.00
	52	0.02	0.19	-0.04	0.00	0.00	-0.00
	53	-0.03	-0.23	-0.04	0.00	0.00	0.00
	54	0.00	0.00	-0.04	0.00	0.00	0.00
	55	2.67	0.08	-0.04	0.00	0.00	0.01
	56	3.07	0.23	-0.04	0.00	0.00	-0.00
	57	1.99	-2.15	-0.04	0.00	0.00	0.02
	58	2.39	-1.99	-0.04	0.00	0.00	0.01
	59	3.71	2.71	-0.04	0.00	0.00	-0.02
	60	4.11	2.86	-0.04	0.00	0.00	-0.03
	61	3.03	0.49	-0.07	0.00	0.00	-0.01
	62	3.43	0.64	-0.04	0.00	0.00	-0.02
	63	-3.43	-0.64	-0.04	0.00	0.00	0.02
	64	-3.03	-0.49	-0.04	0.00	0.00	0.01
	65	-4.11	-2.86	-0.04	0.00	0.00	0.03
	66	-3.71	-2.71	-0.04	0.00	0.00	0.02
	67	-2.39	1.99	-0.04	0.00	0.00	-0.01
	68	-1.99	2.15	-0.04	0.00	0.00	-0.02
	69	-3.07	-0.23	-0.04	0.00	0.00	0.00
	70	-2.67	-0.08	-0.04	0.00	0.00	-0.01
	71	1.23	3.16	-0.07	0.00	0.00	-0.01
	72	1.54	3.95	-0.04	0.00	0.00	-0.01
	73	-0.60	2.94	-0.04	0.00	0.00	-0.00
	74	-0.29	3.73	-0.04	0.00	0.00	-0.01
	75	2.56	3.68	-0.04	0.00	0.00	-0.03
	76	2.88	4.47	-0.04	0.00	0.00	-0.04
	77	0.73	3.46	-0.04	0.00	0.00	-0.03
	78	1.05	4.25	-0.04	0.00	0.00	-0.04
	79	-1.05	-4.25	-0.04	0.00	0.00	0.04
	80	-0.73	-3.46	-0.04	0.00	0.00	0.03
	81	-2.88	-4.47	-0.04	0.00	0.00	0.04
	82	-2.56	-3.68	-0.04	0.00	0.00	0.03

	83	0.29	-3.73	-0.04	0.00	0.00	0.01
	84	0.60	-2.94	-0.04	0.00	0.00	0.00
	85	-1.54	-3.95	-0.04	0.00	0.00	0.01
	86	-1.23	-3.16	-0.04	0.00	0.00	0.01
124	1	0.36	0.00	-0.07	0.00	0.00	-0.00
	2	-0.18	-0.00	-0.07	0.00	0.00	0.00
	3	0.07	0.83	-0.07	0.00	0.00	-0.00
	4	-0.12	-0.99	-0.07	0.00	0.00	0.00
	5	0.60	0.01	-0.07	0.00	0.00	-0.00
	6	-0.30	-0.00	-0.07	0.00	0.00	0.00
	7	0.12	1.38	-0.07	0.00	0.00	-0.00
	8	-0.21	-1.65	-0.07	0.00	0.00	0.00
	9	3.24	0.29	-0.04	0.00	0.00	0.01
	10	3.72	0.27	-0.04	0.00	0.00	-0.00
	11	2.41	-2.06	-0.04	0.00	0.00	0.03
	12	2.90	-2.08	-0.04	0.00	0.00	0.02
	13	4.50	2.74	-0.04	0.00	0.00	-0.03
	14	4.98	2.72	-0.04	0.00	0.00	-0.04
	15	3.67	0.39	-0.04	0.00	0.00	-0.01
	16	4.16	0.37	-0.04	0.00	0.00	-0.02
	17	-4.16	-0.37	-0.04	0.00	0.00	0.02
	18	-3.67	-0.39	-0.04	0.00	0.00	0.01
	19	-4.98	-2.72	-0.04	0.00	0.00	0.04
	20	-4.50	-2.74	-0.04	0.00	0.00	0.03
	21	-2.90	2.08	-0.04	0.00	0.00	-0.02
	22	-2.41	2.06	-0.04	0.00	0.00	-0.03
	23	-3.72	-0.27	-0.04	0.00	0.00	0.00
	24	-3.24	-0.29	-0.04	0.00	0.00	-0.01
	25	1.49	3.68	-0.04	0.00	0.00	-0.01
	26	1.86	4.42	-0.04	0.00	0.00	-0.02
	27	-0.73	3.48	-0.04	0.00	0.00	-0.00
	28	-0.35	4.22	-0.07	0.00	0.00	-0.01
	29	3.11	3.62	-0.04	0.00	0.00	-0.04
	30	3.49	4.35	-0.04	0.00	0.00	-0.05
	31	0.89	3.42	-0.04	0.00	0.00	-0.04
	32	1.27	4.15	-0.04	0.00	0.00	-0.05
	33	-1.27	-4.15	-0.04	0.00	0.00	0.05
	34	-0.89	-3.42	-0.04	0.00	0.00	0.04
	35	-3.49	-4.35	-0.04	0.00	0.00	0.05
	36	-3.11	-3.62	-0.04	0.00	0.00	0.04
	37	0.35	-4.22	-0.04	0.00	0.00	0.01
	38	0.73	-3.48	-0.04	0.00	0.00	0.00
	39	-1.86	-4.42	-0.04	0.00	0.00	0.02
	40	-1.49	-3.68	-0.04	0.00	0.00	0.01
	41	0.24	0.00	-0.05	0.00	0.00	-0.00
	42	-0.12	-0.00	-0.05	0.00	0.00	0.00
	43	0.05	0.55	-0.05	0.00	0.00	-0.00
	44	-0.08	-0.66	-0.05	0.00	0.00	0.00
	45	0.40	0.00	-0.05	0.00	0.00	-0.00
	46	-0.20	-0.00	-0.05	0.00	0.00	0.00
	47	0.08	0.92	-0.05	0.00	0.00	-0.00
	48	-0.14	-1.10	-0.05	0.00	0.00	0.00
	49	0.00	0.00	-0.05	0.00	0.00	0.00
	50	0.08	0.00	-0.04	0.00	0.00	-0.00
	51	-0.04	-0.00	-0.04	0.00	0.00	0.00
	52	0.02	0.18	-0.04	0.00	0.00	-0.00
	53	-0.03	-0.22	-0.04	0.00	0.00	0.00
	54	0.00	0.00	-0.04	0.00	0.00	0.00
	55	2.67	0.24	-0.04	0.00	0.00	0.01
	56	3.07	0.22	-0.04	0.00	0.00	-0.00
	57	1.99	-1.70	-0.04	0.00	0.00	0.02
	58	2.39	-1.72	-0.04	0.00	0.00	0.01
	59	3.71	2.26	-0.04	0.00	0.00	-0.02
	60	4.11	2.25	-0.04	0.00	0.00	-0.03
	61	3.03	0.32	-0.07	0.00	0.00	-0.01

	62	3.43	0.31	-0.04	0.00	0.00	-0.02
	63	-3.43	-0.31	-0.04	0.00	0.00	0.02
	64	-3.03	-0.32	-0.04	0.00	0.00	0.01
	65	-4.11	-2.25	-0.04	0.00	0.00	0.03
	66	-3.71	-2.26	-0.04	0.00	0.00	0.02
	67	-2.39	1.72	-0.04	0.00	0.00	-0.01
	68	-1.99	1.70	-0.04	0.00	0.00	-0.02
	69	-3.07	-0.22	-0.04	0.00	0.00	0.00
	70	-2.67	-0.24	-0.04	0.00	0.00	-0.01
	71	1.23	3.04	-0.07	0.00	0.00	-0.01
	72	1.54	3.64	-0.04	0.00	0.00	-0.01
	73	-0.60	2.87	-0.04	0.00	0.00	-0.00
	74	-0.29	3.48	-0.04	0.00	0.00	-0.01
	75	2.56	2.98	-0.04	0.00	0.00	-0.03
	76	2.88	3.59	-0.04	0.00	0.00	-0.04
	77	0.73	2.82	-0.04	0.00	0.00	-0.03
	78	1.05	3.43	-0.04	0.00	0.00	-0.04
	79	-1.05	-3.43	-0.04	0.00	0.00	0.04
	80	-0.73	-2.82	-0.04	0.00	0.00	0.03
	81	-2.88	-3.59	-0.04	0.00	0.00	0.04
	82	-2.56	-2.98	-0.04	0.00	0.00	0.03
	83	0.29	-3.48	-0.04	0.00	0.00	0.01
	84	0.60	-2.87	-0.04	0.00	0.00	0.00
	85	-1.54	-3.64	-0.04	0.00	0.00	0.01
	86	-1.23	-3.04	-0.04	0.00	0.00	0.01
125	1	0.36	0.00	-0.07	0.00	0.00	-0.00
	2	-0.18	-0.00	-0.07	0.00	0.00	0.00
	3	0.07	0.79	-0.07	0.00	0.00	-0.00
	4	-0.12	-0.93	-0.07	0.00	0.00	0.00
	5	0.60	0.00	-0.06	0.00	0.00	-0.00
	6	-0.30	-0.00	-0.06	0.00	0.00	0.00
	7	0.12	1.32	-0.06	0.00	0.00	-0.00
	8	-0.21	-1.55	-0.06	0.00	0.00	0.00
	9	3.24	0.49	-0.04	0.00	0.00	0.01
	10	3.72	0.26	-0.04	0.00	0.00	-0.00
	11	2.41	-1.52	-0.04	0.00	0.00	0.03
	12	2.90	-1.75	-0.04	0.00	0.00	0.02
	13	4.50	2.20	-0.04	0.00	0.00	-0.03
	14	4.98	1.97	-0.04	0.00	0.00	-0.04
	15	3.67	0.19	-0.04	0.00	0.00	-0.01
	16	4.16	-0.03	-0.04	0.00	0.00	-0.02
	17	-4.16	0.03	-0.04	0.00	0.00	0.02
	18	-3.67	-0.19	-0.04	0.00	0.00	0.01
	19	-4.98	-1.97	-0.04	0.00	0.00	0.04
	20	-4.50	-2.20	-0.04	0.00	0.00	0.03
	21	-2.90	1.75	-0.04	0.00	0.00	-0.02
	22	-2.41	1.52	-0.04	0.00	0.00	-0.03
	23	-3.72	-0.26	-0.04	0.00	0.00	0.00
	24	-3.24	-0.49	-0.04	0.00	0.00	-0.01
	25	1.49	3.53	-0.04	0.00	0.00	-0.01
	26	1.86	4.05	-0.04	0.00	0.00	-0.02
	27	-0.73	3.40	-0.04	0.00	0.00	-0.00
	28	-0.35	3.91	-0.07	0.00	0.00	-0.01
	29	3.11	2.78	-0.04	0.00	0.00	-0.04
	30	3.49	3.29	-0.04	0.00	0.00	-0.05
	31	0.89	2.64	-0.04	0.00	0.00	-0.04
	32	1.27	3.15	-0.04	0.00	0.00	-0.05
	33	-1.27	-3.15	-0.04	0.00	0.00	0.05
	34	-0.89	-2.64	-0.04	0.00	0.00	0.04
	35	-3.49	-3.29	-0.04	0.00	0.00	0.05
	36	-3.11	-2.78	-0.04	0.00	0.00	0.04
	37	0.35	-3.91	-0.04	0.00	0.00	0.01
	38	0.73	-3.40	-0.04	0.00	0.00	0.00
	39	-1.86	-4.05	-0.04	0.00	0.00	0.02
	40	-1.49	-3.53	-0.04	0.00	0.00	0.01

	41	0.24	0.00	-0.05	0.00	0.00	-0.00
	42	-0.12	-0.00	-0.05	0.00	0.00	0.00
	43	0.05	0.53	-0.05	0.00	0.00	-0.00
	44	-0.08	-0.62	-0.05	0.00	0.00	0.00
	45	0.40	0.00	-0.05	0.00	0.00	-0.00
	46	-0.20	-0.00	-0.05	0.00	0.00	0.00
	47	0.08	0.88	-0.05	0.00	0.00	-0.00
	48	-0.14	-1.04	-0.05	0.00	0.00	0.00
	49	0.00	0.00	-0.04	0.00	0.00	0.00
	50	0.08	0.00	-0.04	0.00	0.00	-0.00
	51	-0.04	-0.00	-0.04	0.00	0.00	0.00
	52	0.02	0.18	-0.04	0.00	0.00	-0.00
	53	-0.03	-0.21	-0.04	0.00	0.00	0.00
	54	0.00	0.00	-0.04	0.00	0.00	0.00
	55	2.67	0.40	-0.04	0.00	0.00	0.01
	56	3.07	0.21	-0.04	0.00	0.00	-0.00
	57	1.99	-1.25	-0.04	0.00	0.00	0.02
	58	2.39	-1.44	-0.04	0.00	0.00	0.01
	59	3.71	1.81	-0.04	0.00	0.00	-0.02
	60	4.11	1.63	-0.04	0.00	0.00	-0.03
	61	3.03	0.16	-0.07	0.00	0.00	-0.01
	62	3.43	-0.03	-0.04	0.00	0.00	-0.02
	63	-3.43	0.03	-0.04	0.00	0.00	0.02
	64	-3.03	-0.16	-0.04	0.00	0.00	0.01
	65	-4.11	-1.63	-0.04	0.00	0.00	0.03
	66	-3.71	-1.81	-0.04	0.00	0.00	0.02
	67	-2.39	1.44	-0.04	0.00	0.00	-0.01
	68	-1.99	1.25	-0.04	0.00	0.00	-0.02
	69	-3.07	-0.21	-0.04	0.00	0.00	0.00
	70	-2.67	-0.40	-0.04	0.00	0.00	-0.01
	71	1.23	2.91	-0.07	0.00	0.00	-0.01
	72	1.54	3.34	-0.04	0.00	0.00	-0.01
	73	-0.60	2.80	-0.04	0.00	0.00	-0.00
	74	-0.29	3.23	-0.04	0.00	0.00	-0.01
	75	2.56	2.29	-0.04	0.00	0.00	-0.03
	76	2.88	2.72	-0.04	0.00	0.00	-0.04
	77	0.73	2.18	-0.04	0.00	0.00	-0.03
	78	1.05	2.60	-0.04	0.00	0.00	-0.04
	79	-1.05	-2.60	-0.04	0.00	0.00	0.04
	80	-0.73	-2.18	-0.04	0.00	0.00	0.03
	81	-2.88	-2.72	-0.04	0.00	0.00	0.04
	82	-2.56	-2.29	-0.04	0.00	0.00	0.03
	83	0.29	-3.23	-0.04	0.00	0.00	0.01
	84	0.60	-2.80	-0.04	0.00	0.00	0.00
	85	-1.54	-3.34	-0.04	0.00	0.00	0.01
	86	-1.23	-2.91	-0.04	0.00	0.00	0.01
126	1	0.36	-0.00	-0.07	0.00	0.00	-0.00
	2	-0.18	0.00	-0.07	0.00	0.00	0.00
	3	0.07	0.76	-0.07	0.00	0.00	-0.00
	4	-0.12	-0.87	-0.07	0.00	0.00	0.00
	5	0.60	-0.00	-0.07	0.00	0.00	-0.00
	6	-0.30	0.00	-0.07	0.00	0.00	0.00
	7	0.12	1.27	-0.07	0.00	0.00	-0.00
	8	-0.21	-1.45	-0.07	0.00	0.00	0.00
	9	3.24	0.68	-0.04	0.00	0.00	0.01
	10	3.72	0.25	-0.04	0.00	0.00	-0.00
	11	2.41	-0.98	-0.04	0.00	0.00	0.03
	12	2.90	-1.41	-0.04	0.00	0.00	0.02
	13	4.50	1.66	-0.04	0.00	0.00	-0.03
	14	4.98	1.22	-0.04	0.00	0.00	-0.04
	15	3.67	-0.00	-0.04	0.00	0.00	-0.01
	16	4.16	-0.44	-0.04	0.00	0.00	-0.02
	17	-4.16	0.44	-0.04	0.00	0.00	0.02
	18	-3.67	0.00	-0.04	0.00	0.00	0.01
	19	-4.98	-1.22	-0.04	0.00	0.00	0.04

	20	-4.50	-1.66	-0.04	0.00	0.00	0.03
	21	-2.90	1.41	-0.04	0.00	0.00	-0.02
	22	-2.41	0.98	-0.04	0.00	0.00	-0.03
	23	-3.72	-0.25	-0.04	0.00	0.00	0.00
	24	-3.24	-0.68	-0.04	0.00	0.00	-0.01
	25	1.49	3.38	-0.04	0.00	0.00	-0.01
	26	1.86	3.68	-0.04	0.00	0.00	-0.02
	27	-0.73	3.31	-0.04	0.00	0.00	-0.00
	28	-0.35	3.60	-0.07	0.00	0.00	-0.01
	29	3.11	1.94	-0.04	0.00	0.00	-0.04
	30	3.49	2.23	-0.04	0.00	0.00	-0.05
	31	0.89	1.86	-0.04	0.00	0.00	-0.04
	32	1.27	2.16	-0.04	0.00	0.00	-0.05
	33	-1.27	-2.16	-0.04	0.00	0.00	0.05
	34	-0.89	-1.86	-0.04	0.00	0.00	0.04
	35	-3.49	-2.23	-0.04	0.00	0.00	0.05
	36	-3.11	-1.94	-0.04	0.00	0.00	0.04
	37	0.35	-3.60	-0.04	0.00	0.00	0.01
	38	0.73	-3.31	-0.04	0.00	0.00	0.00
	39	-1.86	-3.68	-0.04	0.00	0.00	0.02
	40	-1.49	-3.38	-0.04	0.00	0.00	0.01
	41	0.24	-0.00	-0.05	0.00	0.00	-0.00
	42	-0.12	0.00	-0.05	0.00	0.00	0.00
	43	0.05	0.51	-0.05	0.00	0.00	-0.00
	44	-0.08	-0.58	-0.05	0.00	0.00	0.00
	45	0.40	-0.00	-0.05	0.00	0.00	-0.00
	46	-0.20	0.00	-0.05	0.00	0.00	0.00
	47	0.08	0.84	-0.05	0.00	0.00	-0.00
	48	-0.14	-0.97	-0.05	0.00	0.00	0.00
	49	0.00	0.00	-0.05	0.00	0.00	0.00
	50	0.08	-0.00	-0.04	0.00	0.00	-0.00
	51	-0.04	0.00	-0.04	0.00	0.00	0.00
	52	0.02	0.17	-0.04	0.00	0.00	-0.00
	53	-0.03	-0.19	-0.04	0.00	0.00	0.00
	54	0.00	0.00	-0.04	0.00	0.00	0.00
	55	2.67	0.56	-0.04	0.00	0.00	0.01
	56	3.07	0.21	-0.04	0.00	0.00	-0.00
	57	1.99	-0.81	-0.04	0.00	0.00	0.02
	58	2.39	-1.16	-0.04	0.00	0.00	0.01
	59	3.71	1.37	-0.04	0.00	0.00	-0.02
	60	4.11	1.01	-0.04	0.00	0.00	-0.03
	61	3.03	-0.00	-0.07	0.00	0.00	-0.01
	62	3.43	-0.36	-0.04	0.00	0.00	-0.02
	63	-3.43	0.36	-0.04	0.00	0.00	0.02
	64	-3.03	0.00	-0.04	0.00	0.00	0.01
	65	-4.11	-1.01	-0.04	0.00	0.00	0.03
	66	-3.71	-1.37	-0.04	0.00	0.00	0.02
	67	-2.39	1.16	-0.04	0.00	0.00	-0.01
	68	-1.99	0.81	-0.04	0.00	0.00	-0.02
	69	-3.07	-0.21	-0.04	0.00	0.00	0.00
	70	-2.67	-0.56	-0.04	0.00	0.00	-0.01
	71	1.23	2.79	-0.07	0.00	0.00	-0.01
	72	1.54	3.03	-0.04	0.00	0.00	-0.01
	73	-0.60	2.73	-0.04	0.00	0.00	-0.00
	74	-0.29	2.97	-0.04	0.00	0.00	-0.01
	75	2.56	1.60	-0.04	0.00	0.00	-0.03
	76	2.88	1.84	-0.04	0.00	0.00	-0.04
	77	0.73	1.54	-0.04	0.00	0.00	-0.03
	78	1.05	1.78	-0.04	0.00	0.00	-0.04
	79	-1.05	-1.78	-0.04	0.00	0.00	0.04
	80	-0.73	-1.54	-0.04	0.00	0.00	0.03
	81	-2.88	-1.84	-0.04	0.00	0.00	0.04
	82	-2.56	-1.60	-0.04	0.00	0.00	0.03
	83	0.29	-2.97	-0.04	0.00	0.00	0.01
	84	0.60	-2.73	-0.04	0.00	0.00	0.00

	85	-1.54	-3.03	-0.04	0.00	0.00	0.01
	86	-1.23	-2.79	-0.04	0.00	0.00	0.01
127	1	0.36	-0.01	-0.07	0.00	0.00	-0.00
	2	-0.18	0.00	-0.07	0.00	0.00	0.00
	3	0.07	0.73	-0.07	0.00	0.00	-0.00
	4	-0.12	-0.81	-0.07	0.00	0.00	0.00
	5	0.60	-0.01	-0.06	0.00	0.00	-0.00
	6	-0.30	0.00	-0.06	0.00	0.00	0.00
	7	0.12	1.21	-0.06	0.00	0.00	-0.00
	8	-0.21	-1.36	-0.06	0.00	0.00	0.00
	9	3.24	0.88	-0.04	0.00	0.00	0.01
	10	3.72	0.24	-0.04	0.00	0.00	-0.00
	11	2.41	-0.44	-0.04	0.00	0.00	0.03
	12	2.90	-1.08	-0.04	0.00	0.00	0.02
	13	4.50	1.12	-0.04	0.00	0.00	-0.03
	14	4.98	0.48	-0.04	0.00	0.00	-0.04
	15	3.67	-0.20	-0.04	0.00	0.00	-0.01
	16	4.16	-0.84	-0.04	0.00	0.00	-0.02
	17	-4.16	0.84	-0.04	0.00	0.00	0.02
	18	-3.67	0.20	-0.04	0.00	0.00	0.01
	19	-4.98	-0.48	-0.04	0.00	0.00	0.04
	20	-4.50	-1.12	-0.04	0.00	0.00	0.03
	21	-2.90	1.08	-0.04	0.00	0.00	-0.02
	22	-2.41	0.44	-0.04	0.00	0.00	-0.03
	23	-3.72	-0.24	-0.04	0.00	0.00	0.00
	24	-3.24	-0.88	-0.04	0.00	0.00	-0.01
	25	1.49	3.24	-0.04	0.00	0.00	-0.01
	26	1.86	3.31	-0.04	0.00	0.00	-0.02
	27	-0.73	3.22	-0.04	0.00	0.00	-0.00
	28	-0.35	3.30	-0.07	0.00	0.00	-0.01
	29	3.11	1.10	-0.04	0.00	0.00	-0.04
	30	3.49	1.17	-0.04	0.00	0.00	-0.05
	31	0.89	1.09	-0.04	0.00	0.00	-0.04
	32	1.27	1.16	-0.04	0.00	0.00	-0.05
	33	-1.27	-1.16	-0.04	0.00	0.00	0.05
	34	-0.89	-1.09	-0.04	0.00	0.00	0.04
	35	-3.49	-1.17	-0.04	0.00	0.00	0.05
	36	-3.11	-1.10	-0.04	0.00	0.00	0.04
	37	0.35	-3.30	-0.04	0.00	0.00	0.01
	38	0.73	-3.22	-0.04	0.00	0.00	0.00
	39	-1.86	-3.31	-0.04	0.00	0.00	0.02
	40	-1.49	-3.24	-0.04	0.00	0.00	0.01
	41	0.24	-0.00	-0.05	0.00	0.00	-0.00
	42	-0.12	0.00	-0.05	0.00	0.00	0.00
	43	0.05	0.48	-0.05	0.00	0.00	-0.00
	44	-0.08	-0.54	-0.05	0.00	0.00	0.00
	45	0.40	-0.01	-0.05	0.00	0.00	-0.00
	46	-0.20	0.00	-0.05	0.00	0.00	0.00
	47	0.08	0.81	-0.05	0.00	0.00	-0.00
	48	-0.14	-0.90	-0.05	0.00	0.00	0.00
	49	0.00	0.00	-0.05	0.00	0.00	0.00
	50	0.08	-0.00	-0.04	0.00	0.00	-0.00
	51	-0.04	0.00	-0.04	0.00	0.00	0.00
	52	0.02	0.16	-0.04	0.00	0.00	-0.00
	53	-0.03	-0.18	-0.04	0.00	0.00	0.00
	54	0.00	0.00	-0.04	0.00	0.00	0.00
	55	2.67	0.73	-0.04	0.00	0.00	0.01
	56	3.07	0.20	-0.04	0.00	0.00	-0.00
	57	1.99	-0.36	-0.04	0.00	0.00	0.02
	58	2.39	-0.89	-0.04	0.00	0.00	0.01
	59	3.71	0.92	-0.04	0.00	0.00	-0.02
	60	4.11	0.39	-0.04	0.00	0.00	-0.03
	61	3.03	-0.17	-0.07	0.00	0.00	-0.01
	62	3.43	-0.70	-0.04	0.00	0.00	-0.02
	63	-3.43	0.70	-0.04	0.00	0.00	0.02

	64	-3.03	0.17	-0.04	0.00	0.00	0.01
	65	-4.11	-0.39	-0.04	0.00	0.00	0.03
	66	-3.71	-0.92	-0.04	0.00	0.00	0.02
	67	-2.39	0.89	-0.04	0.00	0.00	-0.01
	68	-1.99	0.36	-0.04	0.00	0.00	-0.02
	69	-3.07	-0.20	-0.04	0.00	0.00	0.00
	70	-2.67	-0.73	-0.04	0.00	0.00	-0.01
	71	1.23	2.67	-0.07	0.00	0.00	-0.01
	72	1.54	2.73	-0.04	0.00	0.00	-0.01
	73	-0.60	2.66	-0.04	0.00	0.00	-0.00
	74	-0.29	2.72	-0.04	0.00	0.00	-0.01
	75	2.56	0.91	-0.04	0.00	0.00	-0.03
	76	2.88	0.96	-0.04	0.00	0.00	-0.04
	77	0.73	0.90	-0.04	0.00	0.00	-0.03
	78	1.05	0.95	-0.04	0.00	0.00	-0.04
	79	-1.05	-0.95	-0.04	0.00	0.00	0.04
	80	-0.73	-0.90	-0.04	0.00	0.00	0.03
	81	-2.88	-0.96	-0.04	0.00	0.00	0.04
	82	-2.56	-0.91	-0.04	0.00	0.00	0.03
	83	0.29	-2.72	-0.04	0.00	0.00	0.01
	84	0.60	-2.66	-0.04	0.00	0.00	0.00
	85	-1.54	-2.73	-0.04	0.00	0.00	0.01
	86	-1.23	-2.67	-0.04	0.00	0.00	0.01
128	1	0.36	-0.01	-0.04	0.00	0.00	-0.00
	2	-0.18	0.00	-0.04	0.00	0.00	0.00
	3	0.07	0.69	-0.04	0.00	0.00	-0.00
	4	-0.12	-0.75	-0.04	0.00	0.00	0.00
	5	0.60	-0.02	-0.04	0.00	0.00	-0.00
	6	-0.30	0.01	-0.04	0.00	0.00	0.00
	7	0.12	1.15	-0.04	0.00	0.00	-0.00
	8	-0.21	-1.26	-0.04	0.00	0.00	0.00
	9	3.24	1.08	-0.03	0.00	0.00	0.01
	10	3.72	0.23	-0.03	0.00	0.00	-0.00
	11	2.41	0.10	-0.03	0.00	0.00	0.03
	12	2.90	-0.74	-0.03	0.00	0.00	0.02
	13	4.50	0.58	-0.03	0.00	0.00	-0.03
	14	4.98	-0.27	-0.03	0.00	0.00	-0.04
	15	3.67	-0.40	-0.03	0.00	0.00	-0.01
	16	4.16	-1.25	-0.03	0.00	0.00	-0.02
	17	-4.16	1.25	-0.03	0.00	0.00	0.02
	18	-3.67	0.40	-0.03	0.00	0.00	0.01
	19	-4.98	0.27	-0.03	0.00	0.00	0.04
	20	-4.50	-0.58	-0.03	0.00	0.00	0.03
	21	-2.90	0.74	-0.03	0.00	0.00	-0.02
	22	-2.41	-0.10	-0.03	0.00	0.00	-0.03
	23	-3.72	-0.23	-0.03	0.00	0.00	0.00
	24	-3.24	-1.08	-0.03	0.00	0.00	-0.01
	25	1.49	3.09	-0.03	0.00	0.00	-0.01
	26	1.86	2.94	-0.03	0.00	0.00	-0.02
	27	-0.73	3.14	-0.03	0.00	0.00	-0.00
	28	-0.35	2.99	-0.04	0.00	0.00	-0.01
	29	3.11	0.26	-0.03	0.00	0.00	-0.04
	30	3.49	0.11	-0.03	0.00	0.00	-0.05
	31	0.89	0.31	-0.03	0.00	0.00	-0.04
	32	1.27	0.16	-0.03	0.00	0.00	-0.05
	33	-1.27	-0.16	-0.03	0.00	0.00	0.05
	34	-0.89	-0.31	-0.03	0.00	0.00	0.04
	35	-3.49	-0.11	-0.03	0.00	0.00	0.05
	36	-3.11	-0.26	-0.03	0.00	0.00	0.04
	37	0.35	-2.99	-0.03	0.00	0.00	0.01
	38	0.73	-3.14	-0.03	0.00	0.00	0.00
	39	-1.86	-2.94	-0.03	0.00	0.00	0.02
	40	-1.49	-3.09	-0.03	0.00	0.00	0.01
	41	0.24	-0.01	-0.03	0.00	0.00	-0.00
	42	-0.12	0.00	-0.03	0.00	0.00	0.00

	43	0.05	0.46	-0.03	0.00	0.00	-0.00
	44	-0.08	-0.50	-0.03	0.00	0.00	0.00
	45	0.40	-0.01	-0.03	0.00	0.00	-0.00
	46	-0.20	0.01	-0.03	0.00	0.00	0.00
	47	0.08	0.77	-0.03	0.00	0.00	-0.00
	48	-0.14	-0.84	-0.03	0.00	0.00	0.00
	49	0.00	0.00	-0.03	0.00	0.00	0.00
	50	0.08	-0.00	-0.03	0.00	0.00	-0.00
	51	-0.04	0.00	-0.03	0.00	0.00	0.00
	52	0.02	0.15	-0.03	0.00	0.00	-0.00
	53	-0.03	-0.17	-0.03	0.00	0.00	0.00
	54	0.00	0.00	-0.03	0.00	0.00	0.00
	55	2.67	0.89	-0.03	0.00	0.00	0.01
	56	3.07	0.19	-0.03	0.00	0.00	-0.00
	57	1.99	0.09	-0.03	0.00	0.00	0.02
	58	2.39	-0.61	-0.03	0.00	0.00	0.01
	59	3.71	0.47	-0.03	0.00	0.00	-0.02
	60	4.11	-0.23	-0.03	0.00	0.00	-0.03
	61	3.03	-0.33	-0.04	0.00	0.00	-0.01
	62	3.43	-1.03	-0.03	0.00	0.00	-0.02
	63	-3.43	1.03	-0.03	0.00	0.00	0.02
	64	-3.03	0.33	-0.03	0.00	0.00	0.01
	65	-4.11	0.23	-0.03	0.00	0.00	0.03
	66	-3.71	-0.47	-0.03	0.00	0.00	0.02
	67	-2.39	0.61	-0.03	0.00	0.00	-0.01
	68	-1.99	-0.09	-0.03	0.00	0.00	-0.02
	69	-3.07	-0.19	-0.03	0.00	0.00	0.00
	70	-2.67	-0.89	-0.03	0.00	0.00	-0.01
	71	1.23	2.55	-0.04	0.00	0.00	-0.01
	72	1.54	2.42	-0.03	0.00	0.00	-0.01
	73	-0.60	2.59	-0.03	0.00	0.00	-0.00
	74	-0.29	2.47	-0.03	0.00	0.00	-0.01
	75	2.56	0.21	-0.03	0.00	0.00	-0.03
	76	2.88	0.09	-0.03	0.00	0.00	-0.04
	77	0.73	0.26	-0.03	0.00	0.00	-0.03
	78	1.05	0.13	-0.03	0.00	0.00	-0.04
	79	-1.05	-0.13	-0.03	0.00	0.00	0.04
	80	-0.73	-0.26	-0.03	0.00	0.00	0.03
	81	-2.88	-0.09	-0.03	0.00	0.00	0.04
	82	-2.56	-0.21	-0.03	0.00	0.00	0.03
	83	0.29	-2.47	-0.03	0.00	0.00	0.01
	84	0.60	-2.59	-0.03	0.00	0.00	0.00
	85	-1.54	-2.42	-0.03	0.00	0.00	0.01
	86	-1.23	-2.55	-0.03	0.00	0.00	0.01
129	1	0.35	0.01	-2.56	0.00	0.21	-0.00
	2	-0.17	-0.01	-2.56	0.00	0.21	0.00
	3	-0.07	0.88	-2.56	0.00	0.21	-0.00
	4	0.12	-1.09	-2.56	0.00	0.21	0.00
	5	0.58	0.02	-2.33	0.00	0.19	-0.00
	6	-0.29	-0.01	-2.33	0.00	0.19	0.00
	7	-0.11	1.47	-2.33	0.00	0.19	-0.00
	8	0.19	-1.82	-2.33	0.00	0.19	0.00
	9	4.04	-0.04	-1.58	0.00	0.13	0.01
	10	3.68	0.29	-1.58	0.00	0.13	-0.00
	11	4.61	-2.96	-1.58	0.00	0.13	0.03
	12	4.25	-2.63	-1.58	0.00	0.13	0.02
	13	2.29	3.64	-1.58	0.00	0.13	-0.03
	14	1.94	3.97	-1.58	0.00	0.13	-0.04
	15	2.87	0.72	-1.58	0.00	0.13	-0.01
	16	2.51	1.05	-1.58	0.00	0.13	-0.02
	17	-2.51	-1.05	-1.58	0.00	0.13	0.02
	18	-2.87	-0.72	-1.58	0.00	0.13	0.01
	19	-1.94	-3.97	-1.58	0.00	0.13	0.04
	20	-2.29	-3.64	-1.58	0.00	0.13	0.03
	21	-4.25	2.63	-1.58	0.00	0.13	-0.02

	22	-4.61	2.96	-1.58	0.00	0.13	-0.03
	23	-3.68	-0.29	-1.58	0.00	0.13	0.00
	24	-4.04	0.04	-1.58	0.00	0.13	-0.01
	25	0.88	3.93	-1.58	0.00	0.13	-0.01
	26	0.36	5.03	-1.58	0.00	0.13	-0.02
	27	-1.08	3.62	-1.58	0.00	0.13	-0.00
	28	-1.60	4.73	-2.79	0.00	0.23	-0.01
	29	-0.31	5.01	-1.58	0.00	0.13	-0.04
	30	-0.83	6.12	-1.58	0.00	0.13	-0.05
	31	-2.27	4.71	-1.58	0.00	0.13	-0.04
	32	-2.79	5.81	-1.58	0.00	0.13	-0.05
	33	2.79	-5.81	-1.58	0.00	0.13	0.05
	34	2.27	-4.71	-1.58	0.00	0.13	0.04
	35	0.83	-6.12	-1.58	0.00	0.13	0.05
	36	0.31	-5.01	-1.58	0.00	0.13	0.04
	37	1.60	-4.73	-1.58	0.00	0.13	0.01
	38	1.08	-3.62	-1.58	0.00	0.13	0.00
	39	-0.36	-5.03	-1.58	0.00	0.13	0.02
	40	-0.88	-3.93	-1.58	0.00	0.13	0.01
	41	0.23	0.01	-1.88	0.00	0.16	-0.00
	42	-0.12	-0.00	-1.88	0.00	0.16	0.00
	43	-0.04	0.59	-1.88	0.00	0.16	-0.00
	44	0.08	-0.73	-1.88	0.00	0.16	0.00
	45	0.39	0.01	-1.73	0.00	0.14	-0.00
	46	-0.19	-0.01	-1.73	0.00	0.14	0.00
	47	-0.07	0.98	-1.73	0.00	0.14	-0.00
	48	0.13	-1.21	-1.73	0.00	0.14	0.00
	49	0.00	0.00	-1.64	0.00	0.14	0.00
	50	0.08	0.00	-1.58	0.00	0.13	-0.00
	51	-0.04	-0.00	-1.58	0.00	0.13	0.00
	52	-0.01	0.20	-1.58	0.00	0.13	-0.00
	53	0.03	-0.24	-1.58	0.00	0.13	0.00
	54	0.00	0.00	-1.58	0.00	0.13	0.00
	55	3.33	-0.03	-1.58	0.00	0.13	0.01
	56	3.04	0.24	-1.58	0.00	0.13	-0.00
	57	3.80	-2.44	-1.58	0.00	0.13	0.02
	58	3.51	-2.17	-1.58	0.00	0.13	0.01
	59	1.89	3.00	-1.58	0.00	0.13	-0.02
	60	1.60	3.27	-1.58	0.00	0.13	-0.03
	61	2.37	0.59	-2.79	0.00	0.23	-0.01
	62	2.07	0.86	-1.58	0.00	0.13	-0.02
	63	-2.07	-0.86	-1.58	0.00	0.13	0.02
	64	-2.37	-0.59	-1.58	0.00	0.13	0.01
	65	-1.60	-3.27	-1.58	0.00	0.13	0.03
	66	-1.89	-3.00	-1.58	0.00	0.13	0.02
	67	-3.51	2.17	-1.58	0.00	0.13	-0.01
	68	-3.80	2.44	-1.58	0.00	0.13	-0.02
	69	-3.04	-0.24	-1.58	0.00	0.13	0.00
	70	-3.33	0.03	-1.58	0.00	0.13	-0.01
	71	0.73	3.24	-2.79	0.00	0.23	-0.01
	72	0.30	4.15	-1.58	0.00	0.13	-0.01
	73	-0.89	2.99	-1.58	0.00	0.13	-0.00
	74	-1.32	3.90	-1.58	0.00	0.13	-0.01
	75	-0.25	4.13	-1.58	0.00	0.13	-0.03
	76	-0.68	5.05	-1.58	0.00	0.13	-0.04
	77	-1.87	3.89	-1.58	0.00	0.13	-0.03
	78	-2.31	4.80	-1.58	0.00	0.13	-0.04
	79	2.31	-4.80	-1.58	0.00	0.13	0.04
	80	1.87	-3.89	-1.58	0.00	0.13	0.03
	81	0.68	-5.05	-1.58	0.00	0.13	0.04
	82	0.25	-4.13	-1.58	0.00	0.13	0.03
	83	1.32	-3.90	-1.58	0.00	0.13	0.01
	84	0.89	-2.99	-1.58	0.00	0.13	0.00
	85	-0.30	-4.15	-1.58	0.00	0.13	0.01
	86	-0.73	-3.24	-1.58	0.00	0.13	0.01

130	1	0.35	0.01	-2.17	0.00	-0.30	-0.00
	2	-0.17	-0.00	-2.17	0.00	-0.30	0.00
	3	-0.07	0.87	-2.17	0.00	-0.30	-0.00
	4	0.12	-1.07	-2.17	0.00	-0.30	0.00
	5	0.58	0.01	-1.97	0.00	-0.28	-0.00
	6	-0.29	-0.01	-1.97	0.00	-0.28	0.00
	7	-0.11	1.45	-1.97	0.00	-0.28	-0.00
	8	0.19	-1.78	-1.97	0.00	-0.28	0.00
	9	4.04	0.04	-1.33	0.00	-0.19	0.01
	10	3.68	0.28	-1.33	0.00	-0.19	-0.00
	11	4.61	-2.73	-1.33	0.00	-0.19	0.03
	12	4.25	-2.49	-1.33	0.00	-0.19	0.02
	13	2.29	3.42	-1.33	0.00	-0.19	-0.03
	14	1.94	3.66	-1.33	0.00	-0.19	-0.04
	15	2.87	0.64	-1.33	0.00	-0.19	-0.01
	16	2.51	0.88	-1.33	0.00	-0.19	-0.02
	17	-2.51	-0.88	-1.33	0.00	-0.19	0.02
	18	-2.87	-0.64	-1.33	0.00	-0.19	0.01
	19	-1.94	-3.66	-1.33	0.00	-0.19	0.04
	20	-2.29	-3.42	-1.33	0.00	-0.19	0.03
	21	-4.25	2.49	-1.33	0.00	-0.19	-0.02
	22	-4.61	2.73	-1.33	0.00	-0.19	-0.03
	23	-3.68	-0.28	-1.33	0.00	-0.19	0.00
	24	-4.04	-0.04	-1.33	0.00	-0.19	-0.01
	25	0.88	3.86	-1.33	0.00	-0.19	-0.01
	26	0.36	4.88	-1.33	0.00	-0.19	-0.02
	27	-1.08	3.59	-1.33	0.00	-0.19	-0.00
	28	-1.60	4.60	-2.30	0.00	-0.33	-0.01
	29	-0.31	4.66	-1.33	0.00	-0.19	-0.04
	30	-0.83	5.67	-1.33	0.00	-0.19	-0.05
	31	-2.27	4.39	-1.33	0.00	-0.19	-0.04
	32	-2.79	5.40	-1.33	0.00	-0.19	-0.05
	33	2.79	-5.40	-1.33	0.00	-0.19	0.05
	34	2.27	-4.39	-1.33	0.00	-0.19	0.04
	35	0.83	-5.67	-1.33	0.00	-0.19	0.05
	36	0.31	-4.66	-1.33	0.00	-0.19	0.04
	37	1.60	-4.60	-1.33	0.00	-0.19	0.01
	38	1.08	-3.59	-1.33	0.00	-0.19	0.00
	39	-0.36	-4.88	-1.33	0.00	-0.19	0.02
	40	-0.88	-3.86	-1.33	0.00	-0.19	0.01
	41	0.23	0.01	-1.59	0.00	-0.22	-0.00
	42	-0.12	-0.00	-1.59	0.00	-0.22	0.00
	43	-0.04	0.58	-1.59	0.00	-0.22	-0.00
	44	0.08	-0.71	-1.59	0.00	-0.22	0.00
	45	0.39	0.01	-1.46	0.00	-0.20	-0.00
	46	-0.19	-0.00	-1.46	0.00	-0.20	0.00
	47	-0.07	0.97	-1.46	0.00	-0.20	-0.00
	48	0.13	-1.18	-1.46	0.00	-0.20	0.00
	49	0.00	0.00	-1.38	0.00	-0.19	0.00
	50	0.08	0.00	-1.33	0.00	-0.19	-0.00
	51	-0.04	-0.00	-1.33	0.00	-0.19	0.00
	52	-0.01	0.19	-1.33	0.00	-0.19	-0.00
	53	0.03	-0.24	-1.33	0.00	-0.19	0.00
	54	0.00	0.00	-1.33	0.00	-0.19	0.00
	55	3.33	0.04	-1.33	0.00	-0.19	0.01
	56	3.04	0.23	-1.33	0.00	-0.19	-0.00
	57	3.80	-2.26	-1.33	0.00	-0.19	0.02
	58	3.51	-2.06	-1.33	0.00	-0.19	0.01
	59	1.89	2.82	-1.33	0.00	-0.19	-0.02
	60	1.60	3.02	-1.33	0.00	-0.19	-0.03
	61	2.37	0.53	-2.30	0.00	-0.33	-0.01
	62	2.07	0.72	-1.33	0.00	-0.19	-0.02
	63	-2.07	-0.72	-1.33	0.00	-0.19	0.02
	64	-2.37	-0.53	-1.33	0.00	-0.19	0.01
	65	-1.60	-3.02	-1.33	0.00	-0.19	0.03

	66	-1.89	-2.82	-1.33	0.00	-0.19	0.02
	67	-3.51	2.06	-1.33	0.00	-0.19	-0.01
	68	-3.80	2.26	-1.33	0.00	-0.19	-0.02
	69	-3.04	-0.23	-1.33	0.00	-0.19	0.00
	70	-3.33	-0.04	-1.33	0.00	-0.19	-0.01
	71	0.73	3.19	-2.30	0.00	-0.33	-0.01
	72	0.30	4.02	-1.33	0.00	-0.19	-0.01
	73	-0.89	2.96	-1.33	0.00	-0.19	-0.00
	74	-1.32	3.79	-1.33	0.00	-0.19	-0.01
	75	-0.25	3.85	-1.33	0.00	-0.19	-0.03
	76	-0.68	4.68	-1.33	0.00	-0.19	-0.04
	77	-1.87	3.62	-1.33	0.00	-0.19	-0.03
	78	-2.31	4.45	-1.33	0.00	-0.19	-0.04
	79	2.31	-4.45	-1.33	0.00	-0.19	0.04
	80	1.87	-3.62	-1.33	0.00	-0.19	0.03
	81	0.68	-4.68	-1.33	0.00	-0.19	0.04
	82	0.25	-3.85	-1.33	0.00	-0.19	0.03
	83	1.32	-3.79	-1.33	0.00	-0.19	0.01
	84	0.89	-2.96	-1.33	0.00	-0.19	0.00
	85	-0.30	-4.02	-1.33	0.00	-0.19	0.01
	86	-0.73	-3.19	-1.33	0.00	-0.19	0.01
131	1	0.35	0.01	-1.79	0.00	0.42	-0.00
	2	-0.17	-0.00	-1.79	0.00	0.42	0.00
	3	-0.07	0.86	-1.79	0.00	0.42	-0.00
	4	0.12	-1.04	-1.79	0.00	0.42	0.00
	5	0.58	0.01	-1.61	0.00	0.37	-0.00
	6	-0.29	-0.01	-1.61	0.00	0.37	0.00
	7	-0.11	1.43	-1.61	0.00	0.37	-0.00
	8	0.19	-1.73	-1.61	0.00	0.37	0.00
	9	4.04	0.13	-1.06	0.00	0.25	0.01
	10	3.68	0.28	-1.06	0.00	0.25	-0.00
	11	4.61	-2.51	-1.06	0.00	0.25	0.03
	12	4.25	-2.36	-1.06	0.00	0.25	0.02
	13	2.29	3.19	-1.06	0.00	0.25	-0.03
	14	1.94	3.34	-1.06	0.00	0.25	-0.04
	15	2.87	0.56	-1.06	0.00	0.25	-0.01
	16	2.51	0.71	-1.06	0.00	0.25	-0.02
	17	-2.51	-0.71	-1.06	0.00	0.25	0.02
	18	-2.87	-0.56	-1.06	0.00	0.25	0.01
	19	-1.94	-3.34	-1.06	0.00	0.25	0.04
	20	-2.29	-3.19	-1.06	0.00	0.25	0.03
	21	-4.25	2.36	-1.06	0.00	0.25	-0.02
	22	-4.61	2.51	-1.06	0.00	0.25	-0.03
	23	-3.68	-0.28	-1.06	0.00	0.25	0.00
	24	-4.04	-0.13	-1.06	0.00	0.25	-0.01
	25	0.88	3.80	-1.06	0.00	0.25	-0.01
	26	0.36	4.72	-1.06	0.00	0.25	-0.02
	27	-1.08	3.55	-1.06	0.00	0.25	-0.00
	28	-1.60	4.47	-1.78	0.00	0.42	-0.01
	29	-0.31	4.31	-1.06	0.00	0.25	-0.04
	30	-0.83	5.23	-1.06	0.00	0.25	-0.05
	31	-2.27	4.06	-1.06	0.00	0.25	-0.04
	32	-2.79	4.98	-1.06	0.00	0.25	-0.05
	33	2.79	-4.98	-1.06	0.00	0.25	0.05
	34	2.27	-4.06	-1.06	0.00	0.25	0.04
	35	0.83	-5.23	-1.06	0.00	0.25	0.05
	36	0.31	-4.31	-1.06	0.00	0.25	0.04
	37	1.60	-4.47	-1.06	0.00	0.25	0.01
	38	1.08	-3.55	-1.06	0.00	0.25	0.00
	39	-0.36	-4.72	-1.06	0.00	0.25	0.02
	40	-0.88	-3.80	-1.06	0.00	0.25	0.01
	41	0.23	0.00	-1.31	0.00	0.30	-0.00
	42	-0.12	-0.00	-1.31	0.00	0.30	0.00
	43	-0.04	0.57	-1.31	0.00	0.30	-0.00
	44	0.08	-0.69	-1.31	0.00	0.30	0.00

	45	0.39	0.01	-1.18	0.00	0.27	-0.00
	46	-0.19	-0.00	-1.18	0.00	0.27	0.00
	47	-0.07	0.95	-1.18	0.00	0.27	-0.00
	48	0.13	-1.16	-1.18	0.00	0.27	0.00
	49	0.00	0.00	-1.11	0.00	0.26	0.00
	50	0.08	0.00	-1.06	0.00	0.25	-0.00
	51	-0.04	-0.00	-1.06	0.00	0.25	0.00
	52	-0.01	0.19	-1.06	0.00	0.25	-0.00
	53	0.03	-0.23	-1.06	0.00	0.25	0.00
	54	0.00	0.00	-1.06	0.00	0.25	0.00
	55	3.33	0.10	-1.06	0.00	0.25	0.01
	56	3.04	0.23	-1.06	0.00	0.25	-0.00
	57	3.80	-2.07	-1.06	0.00	0.25	0.02
	58	3.51	-1.94	-1.06	0.00	0.25	0.01
	59	1.89	2.63	-1.06	0.00	0.25	-0.02
	60	1.60	2.76	-1.06	0.00	0.25	-0.03
	61	2.37	0.46	-1.78	0.00	0.42	-0.01
	62	2.07	0.58	-1.06	0.00	0.25	-0.02
	63	-2.07	-0.58	-1.06	0.00	0.25	0.02
	64	-2.37	-0.46	-1.06	0.00	0.25	0.01
	65	-1.60	-2.76	-1.06	0.00	0.25	0.03
	66	-1.89	-2.63	-1.06	0.00	0.25	0.02
	67	-3.51	1.94	-1.06	0.00	0.25	-0.01
	68	-3.80	2.07	-1.06	0.00	0.25	-0.02
	69	-3.04	-0.23	-1.06	0.00	0.25	0.00
	70	-3.33	-0.10	-1.06	0.00	0.25	-0.01
	71	0.73	3.14	-1.78	0.00	0.42	-0.01
	72	0.30	3.90	-1.06	0.00	0.25	-0.01
	73	-0.89	2.93	-1.06	0.00	0.25	-0.00
	74	-1.32	3.69	-1.06	0.00	0.25	-0.01
	75	-0.25	3.56	-1.06	0.00	0.25	-0.03
	76	-0.68	4.32	-1.06	0.00	0.25	-0.04
	77	-1.87	3.35	-1.06	0.00	0.25	-0.03
	78	-2.31	4.11	-1.06	0.00	0.25	-0.04
	79	2.31	-4.11	-1.06	0.00	0.25	0.04
	80	1.87	-3.35	-1.06	0.00	0.25	0.03
	81	0.68	-4.32	-1.06	0.00	0.25	0.04
	82	0.25	-3.56	-1.06	0.00	0.25	0.03
	83	1.32	-3.69	-1.06	0.00	0.25	0.01
	84	0.89	-2.93	-1.06	0.00	0.25	0.00
	85	-0.30	-3.90	-1.06	0.00	0.25	0.01
	86	-0.73	-3.14	-1.06	0.00	0.25	0.01
132	1	0.35	0.01	-3.19	0.00	-0.14	-0.00
	2	-0.17	-0.00	-3.19	0.00	-0.14	0.00
	3	-0.07	0.84	-3.19	0.00	-0.14	-0.00
	4	0.12	-1.02	-3.19	0.00	-0.14	0.00
	5	0.58	0.01	-2.86	0.00	-0.12	-0.00
	6	-0.29	-0.00	-2.86	0.00	-0.12	0.00
	7	-0.11	1.40	-2.86	0.00	-0.12	-0.00
	8	0.19	-1.69	-2.86	0.00	-0.12	0.00
	9	4.04	0.21	-1.88	0.00	-0.08	0.01
	10	3.68	0.28	-1.88	0.00	-0.08	-0.00
	11	4.61	-2.28	-1.88	0.00	-0.08	0.03
	12	4.25	-2.22	-1.88	0.00	-0.08	0.02
	13	2.29	2.96	-1.88	0.00	-0.08	-0.03
	14	1.94	3.03	-1.88	0.00	-0.08	-0.04
	15	2.87	0.47	-1.88	0.00	-0.08	-0.01
	16	2.51	0.54	-1.88	0.00	-0.08	-0.02
	17	-2.51	-0.54	-1.88	0.00	-0.08	0.02
	18	-2.87	-0.47	-1.88	0.00	-0.08	0.01
	19	-1.94	-3.03	-1.88	0.00	-0.08	0.04
	20	-2.29	-2.96	-1.88	0.00	-0.08	0.03
	21	-4.25	2.22	-1.88	0.00	-0.08	-0.02
	22	-4.61	2.28	-1.88	0.00	-0.08	-0.03
	23	-3.68	-0.28	-1.88	0.00	-0.08	0.00

	24	-4.04	-0.21	-1.88	0.00	-0.08	-0.01
	25	0.88	3.74	-1.88	0.00	-0.08	-0.01
	26	0.36	4.57	-1.88	0.00	-0.08	-0.02
	27	-1.08	3.52	-1.88	0.00	-0.08	-0.00
	28	-1.60	4.34	-3.21	0.00	-0.13	-0.01
	29	-0.31	3.96	-1.88	0.00	-0.08	-0.04
	30	-0.83	4.79	-1.88	0.00	-0.08	-0.05
	31	-2.27	3.74	-1.88	0.00	-0.08	-0.04
	32	-2.79	4.56	-1.88	0.00	-0.08	-0.05
	33	2.79	-4.56	-1.88	0.00	-0.08	0.05
	34	2.27	-3.74	-1.88	0.00	-0.08	0.04
	35	0.83	-4.79	-1.88	0.00	-0.08	0.05
	36	0.31	-3.96	-1.88	0.00	-0.08	0.04
	37	1.60	-4.34	-1.88	0.00	-0.08	0.01
	38	1.08	-3.52	-1.88	0.00	-0.08	0.00
	39	-0.36	-4.57	-1.88	0.00	-0.08	0.02
	40	-0.88	-3.74	-1.88	0.00	-0.08	0.01
	41	0.23	0.00	-2.32	0.00	-0.10	-0.00
	42	-0.12	-0.00	-2.32	0.00	-0.10	0.00
	43	-0.04	0.56	-2.32	0.00	-0.10	-0.00
	44	0.08	-0.68	-2.32	0.00	-0.10	0.00
	45	0.39	0.01	-2.10	0.00	-0.09	-0.00
	46	-0.19	-0.00	-2.10	0.00	-0.09	0.00
	47	-0.07	0.94	-2.10	0.00	-0.09	-0.00
	48	0.13	-1.13	-2.10	0.00	-0.09	0.00
	49	0.00	0.00	-1.97	0.00	-0.08	0.00
	50	0.08	0.00	-1.88	0.00	-0.08	-0.00
	51	-0.04	-0.00	-1.88	0.00	-0.08	0.00
	52	-0.01	0.19	-1.88	0.00	-0.08	-0.00
	53	0.03	-0.23	-1.88	0.00	-0.08	0.00
	54	0.00	0.00	-1.88	0.00	-0.08	0.00
	55	3.33	0.17	-1.88	0.00	-0.08	0.01
	56	3.04	0.23	-1.88	0.00	-0.08	-0.00
	57	3.80	-1.88	-1.88	0.00	-0.08	0.02
	58	3.51	-1.83	-1.88	0.00	-0.08	0.01
	59	1.89	2.45	-1.88	0.00	-0.08	-0.02
	60	1.60	2.50	-1.88	0.00	-0.08	-0.03
	61	2.37	0.39	-3.21	0.00	-0.13	-0.01
	62	2.07	0.44	-1.88	0.00	-0.08	-0.02
	63	-2.07	-0.44	-1.88	0.00	-0.08	0.02
	64	-2.37	-0.39	-1.88	0.00	-0.08	0.01
	65	-1.60	-2.50	-1.88	0.00	-0.08	0.03
	66	-1.89	-2.45	-1.88	0.00	-0.08	0.02
	67	-3.51	1.83	-1.88	0.00	-0.08	-0.01
	68	-3.80	1.88	-1.88	0.00	-0.08	-0.02
	69	-3.04	-0.23	-1.88	0.00	-0.08	0.00
	70	-3.33	-0.17	-1.88	0.00	-0.08	-0.01
	71	0.73	3.09	-3.21	0.00	-0.13	-0.01
	72	0.30	3.77	-1.88	0.00	-0.08	-0.01
	73	-0.89	2.90	-1.88	0.00	-0.08	-0.00
	74	-1.32	3.58	-1.88	0.00	-0.08	-0.01
	75	-0.25	3.27	-1.88	0.00	-0.08	-0.03
	76	-0.68	3.95	-1.88	0.00	-0.08	-0.04
	77	-1.87	3.08	-1.88	0.00	-0.08	-0.03
	78	-2.31	3.77	-1.88	0.00	-0.08	-0.04
	79	2.31	-3.77	-1.88	0.00	-0.08	0.04
	80	1.87	-3.08	-1.88	0.00	-0.08	0.03
	81	0.68	-3.95	-1.88	0.00	-0.08	0.04
	82	0.25	-3.27	-1.88	0.00	-0.08	0.03
	83	1.32	-3.58	-1.88	0.00	-0.08	0.01
	84	0.89	-2.90	-1.88	0.00	-0.08	0.00
	85	-0.30	-3.77	-1.88	0.00	-0.08	0.01
	86	-0.73	-3.09	-1.88	0.00	-0.08	0.01
133	1	0.35	0.00	-0.12	0.00	0.47	-0.00
	2	-0.17	-0.00	-0.12	0.00	0.47	0.00

	3	-0.07	0.83	-0.12	0.00	0.47	-0.00
	4	0.12	-0.99	-0.12	0.00	0.47	0.00
	5	0.58	0.01	-0.10	0.00	0.42	-0.00
	6	-0.29	-0.00	-0.10	0.00	0.42	0.00
	7	-0.11	1.38	-0.10	0.00	0.42	-0.00
	8	0.19	-1.65	-0.10	0.00	0.42	0.00
	9	4.04	0.29	-0.07	0.00	0.28	0.01
	10	3.68	0.27	-0.07	0.00	0.28	-0.00
	11	4.61	-2.06	-0.07	0.00	0.28	0.03
	12	4.25	-2.08	-0.07	0.00	0.28	0.02
	13	2.29	2.74	-0.07	0.00	0.28	-0.03
	14	1.94	2.72	-0.07	0.00	0.28	-0.04
	15	2.87	0.39	-0.07	0.00	0.28	-0.01
	16	2.51	0.37	-0.07	0.00	0.28	-0.02
	17	-2.51	-0.37	-0.07	0.00	0.28	0.02
	18	-2.87	-0.39	-0.07	0.00	0.28	0.01
	19	-1.94	-2.72	-0.07	0.00	0.28	0.04
	20	-2.29	-2.74	-0.07	0.00	0.28	0.03
	21	-4.25	2.08	-0.07	0.00	0.28	-0.02
	22	-4.61	2.06	-0.07	0.00	0.28	-0.03
	23	-3.68	-0.27	-0.07	0.00	0.28	0.00
	24	-4.04	-0.29	-0.07	0.00	0.28	-0.01
	25	0.88	3.68	-0.07	0.00	0.28	-0.01
	26	0.36	4.41	-0.07	0.00	0.28	-0.02
	27	-1.08	3.48	-0.07	0.00	0.28	-0.00
	28	-1.60	4.22	-0.11	0.00	0.48	-0.01
	29	-0.31	3.61	-0.07	0.00	0.28	-0.04
	30	-0.83	4.35	-0.07	0.00	0.28	-0.05
	31	-2.27	3.41	-0.07	0.00	0.28	-0.04
	32	-2.79	4.15	-0.07	0.00	0.28	-0.05
	33	2.79	-4.15	-0.07	0.00	0.28	0.05
	34	2.27	-3.41	-0.07	0.00	0.28	0.04
	35	0.83	-4.35	-0.07	0.00	0.28	0.05
	36	0.31	-3.61	-0.07	0.00	0.28	0.04
	37	1.60	-4.22	-0.07	0.00	0.28	0.01
	38	1.08	-3.48	-0.07	0.00	0.28	0.00
	39	-0.36	-4.41	-0.07	0.00	0.28	0.02
	40	-0.88	-3.68	-0.07	0.00	0.28	0.01
	41	0.23	0.00	-0.09	0.00	0.34	-0.00
	42	-0.12	-0.00	-0.09	0.00	0.34	0.00
	43	-0.04	0.55	-0.09	0.00	0.34	-0.00
	44	0.08	-0.66	-0.09	0.00	0.34	0.00
	45	0.39	0.00	-0.08	0.00	0.31	-0.00
	46	-0.19	-0.00	-0.08	0.00	0.31	0.00
	47	-0.07	0.92	-0.08	0.00	0.31	-0.00
	48	0.13	-1.10	-0.08	0.00	0.31	0.00
	49	0.00	0.00	-0.07	0.00	0.29	0.00
	50	0.08	0.00	-0.07	0.00	0.28	-0.00
	51	-0.04	-0.00	-0.07	0.00	0.28	0.00
	52	-0.01	0.18	-0.07	0.00	0.28	-0.00
	53	0.03	-0.22	-0.07	0.00	0.28	0.00
	54	0.00	0.00	-0.07	0.00	0.28	0.00
	55	3.33	0.24	-0.07	0.00	0.28	0.01
	56	3.04	0.22	-0.07	0.00	0.28	-0.00
	57	3.80	-1.70	-0.07	0.00	0.28	0.02
	58	3.51	-1.71	-0.07	0.00	0.28	0.01
	59	1.89	2.26	-0.07	0.00	0.28	-0.02
	60	1.60	2.24	-0.07	0.00	0.28	-0.03
	61	2.37	0.32	-0.11	0.00	0.48	-0.01
	62	2.07	0.31	-0.07	0.00	0.28	-0.02
	63	-2.07	-0.31	-0.07	0.00	0.28	0.02
	64	-2.37	-0.32	-0.07	0.00	0.28	0.01
	65	-1.60	-2.24	-0.07	0.00	0.28	0.03
	66	-1.89	-2.26	-0.07	0.00	0.28	0.02
	67	-3.51	1.71	-0.07	0.00	0.28	-0.01

	68	-3.80	1.70	-0.07	0.00	0.28	-0.02
	69	-3.04	-0.22	-0.07	0.00	0.28	0.00
	70	-3.33	-0.24	-0.07	0.00	0.28	-0.01
	71	0.73	3.04	-0.11	0.00	0.48	-0.01
	72	0.30	3.64	-0.07	0.00	0.28	-0.01
	73	-0.89	2.87	-0.07	0.00	0.28	-0.00
	74	-1.32	3.48	-0.07	0.00	0.28	-0.01
	75	-0.25	2.98	-0.07	0.00	0.28	-0.03
	76	-0.68	3.59	-0.07	0.00	0.28	-0.04
	77	-1.87	2.82	-0.07	0.00	0.28	-0.03
	78	-2.31	3.42	-0.07	0.00	0.28	-0.04
	79	2.31	-3.42	-0.07	0.00	0.28	0.04
	80	1.87	-2.82	-0.07	0.00	0.28	0.03
	81	0.68	-3.59	-0.07	0.00	0.28	0.04
	82	0.25	-2.98	-0.07	0.00	0.28	0.03
	83	1.32	-3.48	-0.07	0.00	0.28	0.01
	84	0.89	-2.87	-0.07	0.00	0.28	0.00
	85	-0.30	-3.64	-0.07	0.00	0.28	0.01
	86	-0.73	-3.04	-0.07	0.00	0.28	0.01
134	1	0.35	0.00	-3.21	0.00	0.12	-0.00
	2	-0.17	-0.00	-3.21	0.00	0.12	0.00
	3	-0.07	0.81	-3.21	0.00	0.12	-0.00
	4	0.12	-0.97	-3.21	0.00	0.12	0.00
	5	0.58	0.00	-2.87	0.00	0.11	-0.00
	6	-0.29	-0.00	-2.87	0.00	0.11	0.00
	7	-0.11	1.36	-2.87	0.00	0.11	-0.00
	8	0.19	-1.61	-2.87	0.00	0.11	0.00
	9	4.04	0.37	-1.89	0.00	0.07	0.01
	10	3.68	0.27	-1.89	0.00	0.07	-0.00
	11	4.61	-1.83	-1.89	0.00	0.07	0.03
	12	4.25	-1.94	-1.89	0.00	0.07	0.02
	13	2.29	2.51	-1.89	0.00	0.07	-0.03
	14	1.94	2.41	-1.89	0.00	0.07	-0.04
	15	2.87	0.31	-1.89	0.00	0.07	-0.01
	16	2.51	0.20	-1.89	0.00	0.07	-0.02
	17	-2.51	-0.20	-1.89	0.00	0.07	0.02
	18	-2.87	-0.31	-1.89	0.00	0.07	0.01
	19	-1.94	-2.41	-1.89	0.00	0.07	0.04
	20	-2.29	-2.51	-1.89	0.00	0.07	0.03
	21	-4.25	1.94	-1.89	0.00	0.07	-0.02
	22	-4.61	1.83	-1.89	0.00	0.07	-0.03
	23	-3.68	-0.27	-1.89	0.00	0.07	0.00
	24	-4.04	-0.37	-1.89	0.00	0.07	-0.01
	25	0.88	3.62	-1.89	0.00	0.07	-0.01
	26	0.36	4.26	-1.89	0.00	0.07	-0.02
	27	-1.08	3.45	-1.89	0.00	0.07	-0.00
	28	-1.60	4.09	-3.21	0.00	0.12	-0.01
	29	-0.31	3.26	-1.89	0.00	0.07	-0.04
	30	-0.83	3.91	-1.89	0.00	0.07	-0.05
	31	-2.27	3.09	-1.89	0.00	0.07	-0.04
	32	-2.79	3.73	-1.89	0.00	0.07	-0.05
	33	2.79	-3.73	-1.89	0.00	0.07	0.05
	34	2.27	-3.09	-1.89	0.00	0.07	0.04
	35	0.83	-3.91	-1.89	0.00	0.07	0.05
	36	0.31	-3.26	-1.89	0.00	0.07	0.04
	37	1.60	-4.09	-1.89	0.00	0.07	0.01
	38	1.08	-3.45	-1.89	0.00	0.07	0.00
	39	-0.36	-4.26	-1.89	0.00	0.07	0.02
	40	-0.88	-3.62	-1.89	0.00	0.07	0.01
	41	0.23	0.00	-2.34	0.00	0.09	-0.00
	42	-0.12	-0.00	-2.34	0.00	0.09	0.00
	43	-0.04	0.54	-2.34	0.00	0.09	-0.00
	44	0.08	-0.64	-2.34	0.00	0.09	0.00
	45	0.39	0.00	-2.12	0.00	0.08	-0.00
	46	-0.19	-0.00	-2.12	0.00	0.08	0.00

	47	-0.07	0.90	-2.12	0.00	0.08	-0.00
	48	0.13	-1.07	-2.12	0.00	0.08	0.00
	49	0.00	0.00	-1.98	0.00	0.08	0.00
	50	0.08	0.00	-1.89	0.00	0.07	-0.00
	51	-0.04	-0.00	-1.89	0.00	0.07	0.00
	52	-0.01	0.18	-1.89	0.00	0.07	-0.00
	53	0.03	-0.21	-1.89	0.00	0.07	0.00
	54	0.00	0.00	-1.89	0.00	0.07	0.00
	55	3.33	0.31	-1.89	0.00	0.07	0.01
	56	3.04	0.22	-1.89	0.00	0.07	-0.00
	57	3.80	-1.51	-1.89	0.00	0.07	0.02
	58	3.51	-1.60	-1.89	0.00	0.07	0.01
	59	1.89	2.07	-1.89	0.00	0.07	-0.02
	60	1.60	1.99	-1.89	0.00	0.07	-0.03
	61	2.37	0.25	-3.21	0.00	0.12	-0.01
	62	2.07	0.17	-1.89	0.00	0.07	-0.02
	63	-2.07	-0.17	-1.89	0.00	0.07	0.02
	64	-2.37	-0.25	-1.89	0.00	0.07	0.01
	65	-1.60	-1.99	-1.89	0.00	0.07	0.03
	66	-1.89	-2.07	-1.89	0.00	0.07	0.02
	67	-3.51	1.60	-1.89	0.00	0.07	-0.01
	68	-3.80	1.51	-1.89	0.00	0.07	-0.02
	69	-3.04	-0.22	-1.89	0.00	0.07	0.00
	70	-3.33	-0.31	-1.89	0.00	0.07	-0.01
	71	0.73	2.98	-3.21	0.00	0.12	-0.01
	72	0.30	3.51	-1.89	0.00	0.07	-0.01
	73	-0.89	2.84	-1.89	0.00	0.07	-0.00
	74	-1.32	3.37	-1.89	0.00	0.07	-0.01
	75	-0.25	2.69	-1.89	0.00	0.07	-0.03
	76	-0.68	3.22	-1.89	0.00	0.07	-0.04
	77	-1.87	2.55	-1.89	0.00	0.07	-0.03
	78	-2.31	3.08	-1.89	0.00	0.07	-0.04
	79	2.31	-3.08	-1.89	0.00	0.07	0.04
	80	1.87	-2.55	-1.89	0.00	0.07	0.03
	81	0.68	-3.22	-1.89	0.00	0.07	0.04
	82	0.25	-2.69	-1.89	0.00	0.07	0.03
	83	1.32	-3.37	-1.89	0.00	0.07	0.01
	84	0.89	-2.84	-1.89	0.00	0.07	0.00
	85	-0.30	-3.51	-1.89	0.00	0.07	0.01
	86	-0.73	-2.98	-1.89	0.00	0.07	0.01
135	1	0.35	0.00	-1.72	0.00	-0.42	-0.00
	2	-0.17	-0.00	-1.72	0.00	-0.42	0.00
	3	-0.07	0.80	-1.72	0.00	-0.42	-0.00
	4	0.12	-0.94	-1.72	0.00	-0.42	0.00
	5	0.58	0.00	-1.54	0.00	-0.38	-0.00
	6	-0.29	-0.00	-1.54	0.00	-0.38	0.00
	7	-0.11	1.33	-1.54	0.00	-0.38	-0.00
	8	0.19	-1.57	-1.54	0.00	-0.38	0.00
	9	4.04	0.46	-1.01	0.00	-0.25	0.01
	10	3.68	0.26	-1.01	0.00	-0.25	-0.00
	11	4.61	-1.61	-1.01	0.00	-0.25	0.03
	12	4.25	-1.80	-1.01	0.00	-0.25	0.02
	13	2.29	2.29	-1.01	0.00	-0.25	-0.03
	14	1.94	2.09	-1.01	0.00	-0.25	-0.04
	15	2.87	0.23	-1.01	0.00	-0.25	-0.01
	16	2.51	0.03	-1.01	0.00	-0.25	-0.02
	17	-2.51	-0.03	-1.01	0.00	-0.25	0.02
	18	-2.87	-0.23	-1.01	0.00	-0.25	0.01
	19	-1.94	-2.09	-1.01	0.00	-0.25	0.04
	20	-2.29	-2.29	-1.01	0.00	-0.25	0.03
	21	-4.25	1.80	-1.01	0.00	-0.25	-0.02
	22	-4.61	1.61	-1.01	0.00	-0.25	-0.03
	23	-3.68	-0.26	-1.01	0.00	-0.25	0.00
	24	-4.04	-0.46	-1.01	0.00	-0.25	-0.01
	25	0.88	3.56	-1.01	0.00	-0.25	-0.01

	26	0.36	4.11	-1.01	0.00	-0.25	-0.02
	27	-1.08	3.41	-1.01	0.00	-0.25	-0.00
	28	-1.60	3.96	-1.70	0.00	-0.42	-0.01
	29	-0.31	2.91	-1.01	0.00	-0.25	-0.04
	30	-0.83	3.46	-1.01	0.00	-0.25	-0.05
	31	-2.27	2.77	-1.01	0.00	-0.25	-0.04
	32	-2.79	3.32	-1.01	0.00	-0.25	-0.05
	33	2.79	-3.32	-1.01	0.00	-0.25	0.05
	34	2.27	-2.77	-1.01	0.00	-0.25	0.04
	35	0.83	-3.46	-1.01	0.00	-0.25	0.05
	36	0.31	-2.91	-1.01	0.00	-0.25	0.04
	37	1.60	-3.96	-1.01	0.00	-0.25	0.01
	38	1.08	-3.41	-1.01	0.00	-0.25	0.00
	39	-0.36	-4.11	-1.01	0.00	-0.25	0.02
	40	-0.88	-3.56	-1.01	0.00	-0.25	0.01
	41	0.23	0.00	-1.25	0.00	-0.31	-0.00
	42	-0.12	-0.00	-1.25	0.00	-0.31	0.00
	43	-0.04	0.53	-1.25	0.00	-0.31	-0.00
	44	0.08	-0.63	-1.25	0.00	-0.31	0.00
	45	0.39	0.00	-1.13	0.00	-0.28	-0.00
	46	-0.19	-0.00	-1.13	0.00	-0.28	0.00
	47	-0.07	0.89	-1.13	0.00	-0.28	-0.00
	48	0.13	-1.05	-1.13	0.00	-0.28	0.00
	49	0.00	0.00	-1.06	0.00	-0.26	0.00
	50	0.08	0.00	-1.01	0.00	-0.25	-0.00
	51	-0.04	-0.00	-1.01	0.00	-0.25	0.00
	52	-0.01	0.18	-1.01	0.00	-0.25	-0.00
	53	0.03	-0.21	-1.01	0.00	-0.25	0.00
	54	0.00	0.00	-1.01	0.00	-0.25	0.00
	55	3.33	0.38	-1.01	0.00	-0.25	0.01
	56	3.04	0.22	-1.01	0.00	-0.25	-0.00
	57	3.80	-1.33	-1.01	0.00	-0.25	0.02
	58	3.51	-1.48	-1.01	0.00	-0.25	0.01
	59	1.89	1.89	-1.01	0.00	-0.25	-0.02
	60	1.60	1.73	-1.01	0.00	-0.25	-0.03
	61	2.37	0.19	-1.70	0.00	-0.42	-0.01
	62	2.07	0.03	-1.01	0.00	-0.25	-0.02
	63	-2.07	-0.03	-1.01	0.00	-0.25	0.02
	64	-2.37	-0.19	-1.01	0.00	-0.25	0.01
	65	-1.60	-1.73	-1.01	0.00	-0.25	0.03
	66	-1.89	-1.89	-1.01	0.00	-0.25	0.02
	67	-3.51	1.48	-1.01	0.00	-0.25	-0.01
	68	-3.80	1.33	-1.01	0.00	-0.25	-0.02
	69	-3.04	-0.22	-1.01	0.00	-0.25	0.00
	70	-3.33	-0.38	-1.01	0.00	-0.25	-0.01
	71	0.73	2.93	-1.70	0.00	-0.42	-0.01
	72	0.30	3.39	-1.01	0.00	-0.25	-0.01
	73	-0.89	2.81	-1.01	0.00	-0.25	-0.00
	74	-1.32	3.27	-1.01	0.00	-0.25	-0.01
	75	-0.25	2.40	-1.01	0.00	-0.25	-0.03
	76	-0.68	2.86	-1.01	0.00	-0.25	-0.04
	77	-1.87	2.28	-1.01	0.00	-0.25	-0.03
	78	-2.31	2.74	-1.01	0.00	-0.25	-0.04
	79	2.31	-2.74	-1.01	0.00	-0.25	0.04
	80	1.87	-2.28	-1.01	0.00	-0.25	0.03
	81	0.68	-2.86	-1.01	0.00	-0.25	0.04
	82	0.25	-2.40	-1.01	0.00	-0.25	0.03
	83	1.32	-3.27	-1.01	0.00	-0.25	0.01
	84	0.89	-2.81	-1.01	0.00	-0.25	0.00
	85	-0.30	-3.39	-1.01	0.00	-0.25	0.01
	86	-0.73	-2.93	-1.01	0.00	-0.25	0.01
136	1	0.35	0.00	-2.56	0.00	0.35	-0.00
	2	-0.17	-0.00	-2.56	0.00	0.35	0.00
	3	-0.07	0.79	-2.56	0.00	0.35	-0.00
	4	0.12	-0.92	-2.56	0.00	0.35	0.00

	5	0.58	0.00	-2.29	0.00	0.31	-0.00
	6	-0.29	-0.00	-2.29	0.00	0.31	0.00
	7	-0.11	1.31	-2.29	0.00	0.31	-0.00
	8	0.19	-1.53	-2.29	0.00	0.31	0.00
	9	4.04	0.54	-1.51	0.00	0.20	0.01
	10	3.68	0.26	-1.51	0.00	0.20	-0.00
	11	4.61	-1.38	-1.51	0.00	0.20	0.03
	12	4.25	-1.66	-1.51	0.00	0.20	0.02
	13	2.29	2.06	-1.51	0.00	0.20	-0.03
	14	1.94	1.78	-1.51	0.00	0.20	-0.04
	15	2.87	0.14	-1.51	0.00	0.20	-0.01
	16	2.51	-0.14	-1.51	0.00	0.20	-0.02
	17	-2.51	0.14	-1.51	0.00	0.20	0.02
	18	-2.87	-0.14	-1.51	0.00	0.20	0.01
	19	-1.94	-1.78	-1.51	0.00	0.20	0.04
	20	-2.29	-2.06	-1.51	0.00	0.20	0.03
	21	-4.25	1.66	-1.51	0.00	0.20	-0.02
	22	-4.61	1.38	-1.51	0.00	0.20	-0.03
	23	-3.68	-0.26	-1.51	0.00	0.20	0.00
	24	-4.04	-0.54	-1.51	0.00	0.20	-0.01
	25	0.88	3.49	-1.51	0.00	0.20	-0.01
	26	0.36	3.95	-1.51	0.00	0.20	-0.02
	27	-1.08	3.37	-1.51	0.00	0.20	-0.00
	28	-1.60	3.83	-2.51	0.00	0.34	-0.01
	29	-0.31	2.56	-1.51	0.00	0.20	-0.04
	30	-0.83	3.02	-1.51	0.00	0.20	-0.05
	31	-2.27	2.44	-1.51	0.00	0.20	-0.04
	32	-2.79	2.90	-1.51	0.00	0.20	-0.05
	33	2.79	-2.90	-1.51	0.00	0.20	0.05
	34	2.27	-2.44	-1.51	0.00	0.20	0.04
	35	0.83	-3.02	-1.51	0.00	0.20	0.05
	36	0.31	-2.56	-1.51	0.00	0.20	0.04
	37	1.60	-3.83	-1.51	0.00	0.20	0.01
	38	1.08	-3.37	-1.51	0.00	0.20	0.00
	39	-0.36	-3.95	-1.51	0.00	0.20	0.02
	40	-0.88	-3.49	-1.51	0.00	0.20	0.01
	41	0.23	0.00	-1.87	0.00	0.25	-0.00
	42	-0.12	-0.00	-1.87	0.00	0.25	0.00
	43	-0.04	0.52	-1.87	0.00	0.25	-0.00
	44	0.08	-0.61	-1.87	0.00	0.25	0.00
	45	0.39	0.00	-1.69	0.00	0.23	-0.00
	46	-0.19	-0.00	-1.69	0.00	0.23	0.00
	47	-0.07	0.87	-1.69	0.00	0.23	-0.00
	48	0.13	-1.02	-1.69	0.00	0.23	0.00
	49	0.00	0.00	-1.58	0.00	0.21	0.00
	50	0.08	0.00	-1.51	0.00	0.20	-0.00
	51	-0.04	-0.00	-1.51	0.00	0.20	0.00
	52	-0.01	0.17	-1.51	0.00	0.20	-0.00
	53	0.03	-0.20	-1.51	0.00	0.20	0.00
	54	0.00	0.00	-1.51	0.00	0.20	0.00
	55	3.33	0.44	-1.51	0.00	0.20	0.01
	56	3.04	0.21	-1.51	0.00	0.20	-0.00
	57	3.80	-1.14	-1.51	0.00	0.20	0.02
	58	3.51	-1.37	-1.51	0.00	0.20	0.01
	59	1.89	1.70	-1.51	0.00	0.20	-0.02
	60	1.60	1.47	-1.51	0.00	0.20	-0.03
	61	2.37	0.12	-2.51	0.00	0.34	-0.01
	62	2.07	-0.11	-1.51	0.00	0.20	-0.02
	63	-2.07	0.11	-1.51	0.00	0.20	0.02
	64	-2.37	-0.12	-1.51	0.00	0.20	0.01
	65	-1.60	-1.47	-1.51	0.00	0.20	0.03
	66	-1.89	-1.70	-1.51	0.00	0.20	0.02
	67	-3.51	1.37	-1.51	0.00	0.20	-0.01
	68	-3.80	1.14	-1.51	0.00	0.20	-0.02
	69	-3.04	-0.21	-1.51	0.00	0.20	0.00

	70	-3.33	-0.44	-1.51	0.00	0.20	-0.01
	71	0.73	2.88	-2.51	0.00	0.34	-0.01
	72	0.30	3.26	-1.51	0.00	0.20	-0.01
	73	-0.89	2.78	-1.51	0.00	0.20	-0.00
	74	-1.32	3.16	-1.51	0.00	0.20	-0.01
	75	-0.25	2.12	-1.51	0.00	0.20	-0.03
	76	-0.68	2.49	-1.51	0.00	0.20	-0.04
	77	-1.87	2.02	-1.51	0.00	0.20	-0.03
	78	-2.31	2.39	-1.51	0.00	0.20	-0.04
	79	2.31	-2.39	-1.51	0.00	0.20	0.04
	80	1.87	-2.02	-1.51	0.00	0.20	0.03
	81	0.68	-2.49	-1.51	0.00	0.20	0.04
	82	0.25	-2.12	-1.51	0.00	0.20	0.03
	83	1.32	-3.16	-1.51	0.00	0.20	0.01
	84	0.89	-2.78	-1.51	0.00	0.20	0.00
	85	-0.30	-3.26	-1.51	0.00	0.20	0.01
	86	-0.73	-2.88	-1.51	0.00	0.20	0.01
137	1	0.35	-0.00	-3.02	0.00	-0.26	-0.00
	2	-0.17	0.00	-3.02	0.00	-0.26	0.00
	3	-0.07	0.77	-3.02	0.00	-0.26	-0.00
	4	0.12	-0.89	-3.02	0.00	-0.26	0.00
	5	0.58	-0.00	-2.70	0.00	-0.23	-0.00
	6	-0.29	0.00	-2.70	0.00	-0.23	0.00
	7	-0.11	1.29	-2.70	0.00	-0.23	-0.00
	8	0.19	-1.49	-2.70	0.00	-0.23	0.00
	9	4.04	0.62	-1.78	0.00	-0.15	0.01
	10	3.68	0.25	-1.78	0.00	-0.15	-0.00
	11	4.61	-1.16	-1.78	0.00	-0.15	0.03
	12	4.25	-1.52	-1.78	0.00	-0.15	0.02
	13	2.29	1.84	-1.78	0.00	-0.15	-0.03
	14	1.94	1.47	-1.78	0.00	-0.15	-0.04
	15	2.87	0.06	-1.78	0.00	-0.15	-0.01
	16	2.51	-0.30	-1.78	0.00	-0.15	-0.02
	17	-2.51	0.30	-1.78	0.00	-0.15	0.02
	18	-2.87	-0.06	-1.78	0.00	-0.15	0.01
	19	-1.94	-1.47	-1.78	0.00	-0.15	0.04
	20	-2.29	-1.84	-1.78	0.00	-0.15	0.03
	21	-4.25	1.52	-1.78	0.00	-0.15	-0.02
	22	-4.61	1.16	-1.78	0.00	-0.15	-0.03
	23	-3.68	-0.25	-1.78	0.00	-0.15	0.00
	24	-4.04	-0.62	-1.78	0.00	-0.15	-0.01
	25	0.88	3.43	-1.78	0.00	-0.15	-0.01
	26	0.36	3.80	-1.78	0.00	-0.15	-0.02
	27	-1.08	3.34	-1.78	0.00	-0.15	-0.00
	28	-1.60	3.70	-2.97	0.00	-0.25	-0.01
	29	-0.31	2.21	-1.78	0.00	-0.15	-0.04
	30	-0.83	2.58	-1.78	0.00	-0.15	-0.05
	31	-2.27	2.12	-1.78	0.00	-0.15	-0.04
	32	-2.79	2.48	-1.78	0.00	-0.15	-0.05
	33	2.79	-2.48	-1.78	0.00	-0.15	0.05
	34	2.27	-2.12	-1.78	0.00	-0.15	0.04
	35	0.83	-2.58	-1.78	0.00	-0.15	0.05
	36	0.31	-2.21	-1.78	0.00	-0.15	0.04
	37	1.60	-3.70	-1.78	0.00	-0.15	0.01
	38	1.08	-3.34	-1.78	0.00	-0.15	0.00
	39	-0.36	-3.80	-1.78	0.00	-0.15	0.02
	40	-0.88	-3.43	-1.78	0.00	-0.15	0.01
	41	0.23	-0.00	-2.20	0.00	-0.19	-0.00
	42	-0.12	0.00	-2.20	0.00	-0.19	0.00
	43	-0.04	0.51	-2.20	0.00	-0.19	-0.00
	44	0.08	-0.59	-2.20	0.00	-0.19	0.00
	45	0.39	-0.00	-1.99	0.00	-0.17	-0.00
	46	-0.19	0.00	-1.99	0.00	-0.17	0.00
	47	-0.07	0.86	-1.99	0.00	-0.17	-0.00
	48	0.13	-0.99	-1.99	0.00	-0.17	0.00

	49	0.00	0.00	-1.86	0.00	-0.16	0.00
	50	0.08	-0.00	-1.78	0.00	-0.15	-0.00
	51	-0.04	0.00	-1.78	0.00	-0.15	0.00
	52	-0.01	0.17	-1.78	0.00	-0.15	-0.00
	53	0.03	-0.20	-1.78	0.00	-0.15	0.00
	54	0.00	0.00	-1.78	0.00	-0.15	0.00
	55	3.33	0.51	-1.78	0.00	-0.15	0.01
	56	3.04	0.21	-1.78	0.00	-0.15	-0.00
	57	3.80	-0.95	-1.78	0.00	-0.15	0.02
	58	3.51	-1.26	-1.78	0.00	-0.15	0.01
	59	1.89	1.52	-1.78	0.00	-0.15	-0.02
	60	1.60	1.21	-1.78	0.00	-0.15	-0.03
	61	2.37	0.05	-2.97	0.00	-0.25	-0.01
	62	2.07	-0.25	-1.78	0.00	-0.15	-0.02
	63	-2.07	0.25	-1.78	0.00	-0.15	0.02
	64	-2.37	-0.05	-1.78	0.00	-0.15	0.01
	65	-1.60	-1.21	-1.78	0.00	-0.15	0.03
	66	-1.89	-1.52	-1.78	0.00	-0.15	0.02
	67	-3.51	1.26	-1.78	0.00	-0.15	-0.01
	68	-3.80	0.95	-1.78	0.00	-0.15	-0.02
	69	-3.04	-0.21	-1.78	0.00	-0.15	0.00
	70	-3.33	-0.51	-1.78	0.00	-0.15	-0.01
	71	0.73	2.83	-2.97	0.00	-0.25	-0.01
	72	0.30	3.13	-1.78	0.00	-0.15	-0.01
	73	-0.89	2.75	-1.78	0.00	-0.15	-0.00
	74	-1.32	3.06	-1.78	0.00	-0.15	-0.01
	75	-0.25	1.83	-1.78	0.00	-0.15	-0.03
	76	-0.68	2.13	-1.78	0.00	-0.15	-0.04
	77	-1.87	1.75	-1.78	0.00	-0.15	-0.03
	78	-2.31	2.05	-1.78	0.00	-0.15	-0.04
	79	2.31	-2.05	-1.78	0.00	-0.15	0.04
	80	1.87	-1.75	-1.78	0.00	-0.15	0.03
	81	0.68	-2.13	-1.78	0.00	-0.15	0.04
	82	0.25	-1.83	-1.78	0.00	-0.15	0.03
	83	1.32	-3.06	-1.78	0.00	-0.15	0.01
	84	0.89	-2.75	-1.78	0.00	-0.15	0.00
	85	-0.30	-3.13	-1.78	0.00	-0.15	0.01
	86	-0.73	-2.83	-1.78	0.00	-0.15	0.01
138	1	0.35	-0.00	-1.00	0.00	0.48	-0.00
	2	-0.17	0.00	-1.00	0.00	0.48	0.00
	3	-0.07	0.76	-1.00	0.00	0.48	-0.00
	4	0.12	-0.87	-1.00	0.00	0.48	0.00
	5	0.58	-0.00	-0.90	0.00	0.43	-0.00
	6	-0.29	0.00	-0.90	0.00	0.43	0.00
	7	-0.11	1.26	-0.90	0.00	0.43	-0.00
	8	0.19	-1.45	-0.90	0.00	0.43	0.00
	9	4.04	0.70	-0.59	0.00	0.28	0.01
	10	3.68	0.25	-0.59	0.00	0.28	-0.00
	11	4.61	-0.93	-0.59	0.00	0.28	0.03
	12	4.25	-1.38	-0.59	0.00	0.28	0.02
	13	2.29	1.61	-0.59	0.00	0.28	-0.03
	14	1.94	1.16	-0.59	0.00	0.28	-0.04
	15	2.87	-0.02	-0.59	0.00	0.28	-0.01
	16	2.51	-0.47	-0.59	0.00	0.28	-0.02
	17	-2.51	0.47	-0.59	0.00	0.28	0.02
	18	-2.87	0.02	-0.59	0.00	0.28	0.01
	19	-1.94	-1.16	-0.59	0.00	0.28	0.04
	20	-2.29	-1.61	-0.59	0.00	0.28	0.03
	21	-4.25	1.38	-0.59	0.00	0.28	-0.02
	22	-4.61	0.93	-0.59	0.00	0.28	-0.03
	23	-3.68	-0.25	-0.59	0.00	0.28	0.00
	24	-4.04	-0.70	-0.59	0.00	0.28	-0.01
	25	0.88	3.37	-0.59	0.00	0.28	-0.01
	26	0.36	3.64	-0.59	0.00	0.28	-0.02
	27	-1.08	3.30	-0.59	0.00	0.28	-0.00

	28	-1.60	3.58	-0.98	0.00	0.47	-0.01
	29	-0.31	1.86	-0.59	0.00	0.28	-0.04
	30	-0.83	2.14	-0.59	0.00	0.28	-0.05
	31	-2.27	1.80	-0.59	0.00	0.28	-0.04
	32	-2.79	2.07	-0.59	0.00	0.28	-0.05
	33	2.79	-2.07	-0.59	0.00	0.28	0.05
	34	2.27	-1.80	-0.59	0.00	0.28	0.04
	35	0.83	-2.14	-0.59	0.00	0.28	0.05
	36	0.31	-1.86	-0.59	0.00	0.28	0.04
	37	1.60	-3.58	-0.59	0.00	0.28	0.01
	38	1.08	-3.30	-0.59	0.00	0.28	0.00
	39	-0.36	-3.64	-0.59	0.00	0.28	0.02
	40	-0.88	-3.37	-0.59	0.00	0.28	0.01
	41	0.23	-0.00	-0.73	0.00	0.35	-0.00
	42	-0.12	0.00	-0.73	0.00	0.35	0.00
	43	-0.04	0.50	-0.73	0.00	0.35	-0.00
	44	0.08	-0.58	-0.73	0.00	0.35	0.00
	45	0.39	-0.00	-0.66	0.00	0.32	-0.00
	46	-0.19	0.00	-0.66	0.00	0.32	0.00
	47	-0.07	0.84	-0.66	0.00	0.32	-0.00
	48	0.13	-0.96	-0.66	0.00	0.32	0.00
	49	0.00	0.00	-0.62	0.00	0.30	0.00
	50	0.08	-0.00	-0.59	0.00	0.28	-0.00
	51	-0.04	0.00	-0.59	0.00	0.28	0.00
	52	-0.01	0.17	-0.59	0.00	0.28	-0.00
	53	0.03	-0.19	-0.59	0.00	0.28	0.00
	54	0.00	0.00	-0.59	0.00	0.28	0.00
	55	3.33	0.58	-0.59	0.00	0.28	0.01
	56	3.04	0.21	-0.59	0.00	0.28	-0.00
	57	3.80	-0.77	-0.59	0.00	0.28	0.02
	58	3.51	-1.14	-0.59	0.00	0.28	0.01
	59	1.89	1.33	-0.59	0.00	0.28	-0.02
	60	1.60	0.96	-0.59	0.00	0.28	-0.03
	61	2.37	-0.02	-0.98	0.00	0.47	-0.01
	62	2.07	-0.39	-0.59	0.00	0.28	-0.02
	63	-2.07	0.39	-0.59	0.00	0.28	0.02
	64	-2.37	0.02	-0.59	0.00	0.28	0.01
	65	-1.60	-0.96	-0.59	0.00	0.28	0.03
	66	-1.89	-1.33	-0.59	0.00	0.28	0.02
	67	-3.51	1.14	-0.59	0.00	0.28	-0.01
	68	-3.80	0.77	-0.59	0.00	0.28	-0.02
	69	-3.04	-0.21	-0.59	0.00	0.28	0.00
	70	-3.33	-0.58	-0.59	0.00	0.28	-0.01
	71	0.73	2.78	-0.98	0.00	0.47	-0.01
	72	0.30	3.01	-0.59	0.00	0.28	-0.01
	73	-0.89	2.72	-0.59	0.00	0.28	-0.00
	74	-1.32	2.95	-0.59	0.00	0.28	-0.01
	75	-0.25	1.54	-0.59	0.00	0.28	-0.03
	76	-0.68	1.76	-0.59	0.00	0.28	-0.04
	77	-1.87	1.48	-0.59	0.00	0.28	-0.03
	78	-2.31	1.71	-0.59	0.00	0.28	-0.04
	79	2.31	-1.71	-0.59	0.00	0.28	0.04
	80	1.87	-1.48	-0.59	0.00	0.28	0.03
	81	0.68	-1.76	-0.59	0.00	0.28	0.04
	82	0.25	-1.54	-0.59	0.00	0.28	0.03
	83	1.32	-2.95	-0.59	0.00	0.28	0.01
	84	0.89	-2.72	-0.59	0.00	0.28	0.00
	85	-0.30	-3.01	-0.59	0.00	0.28	0.01
	86	-0.73	-2.78	-0.59	0.00	0.28	0.01
139	1	0.35	-0.00	-3.40	0.00	-0.01	-0.00
	2	-0.17	0.00	-3.40	0.00	-0.01	0.00
	3	-0.07	0.74	-3.40	0.00	-0.01	-0.00
	4	0.12	-0.84	-3.40	0.00	-0.01	0.00
	5	0.58	-0.01	-3.04	0.00	-0.01	-0.00
	6	-0.29	0.00	-3.04	0.00	-0.01	0.00

	7	-0.11	1.24	-3.04	0.00	-0.01	-0.00
	8	0.19	-1.41	-3.04	0.00	-0.01	0.00
	9	4.04	0.78	-2.00	0.00	-0.00	0.01
	10	3.68	0.24	-2.00	0.00	-0.00	-0.00
	11	4.61	-0.71	-2.00	0.00	-0.00	0.03
	12	4.25	-1.24	-2.00	0.00	-0.00	0.02
	13	2.29	1.39	-2.00	0.00	-0.00	-0.03
	14	1.94	0.85	-2.00	0.00	-0.00	-0.04
	15	2.87	-0.10	-2.00	0.00	-0.00	-0.01
	16	2.51	-0.64	-2.00	0.00	-0.00	-0.02
	17	-2.51	0.64	-2.00	0.00	-0.00	0.02
	18	-2.87	0.10	-2.00	0.00	-0.00	0.01
	19	-1.94	-0.85	-2.00	0.00	-0.00	0.04
	20	-2.29	-1.39	-2.00	0.00	-0.00	0.03
	21	-4.25	1.24	-2.00	0.00	-0.00	-0.02
	22	-4.61	0.71	-2.00	0.00	-0.00	-0.03
	23	-3.68	-0.24	-2.00	0.00	-0.00	0.00
	24	-4.04	-0.78	-2.00	0.00	-0.00	-0.01
	25	0.88	3.31	-2.00	0.00	-0.00	-0.01
	26	0.36	3.49	-2.00	0.00	-0.00	-0.02
	27	-1.08	3.27	-2.00	0.00	-0.00	-0.00
	28	-1.60	3.45	-3.36	0.00	-0.01	-0.01
	29	-0.31	1.51	-2.00	0.00	-0.00	-0.04
	30	-0.83	1.69	-2.00	0.00	-0.00	-0.05
	31	-2.27	1.47	-2.00	0.00	-0.00	-0.04
	32	-2.79	1.65	-2.00	0.00	-0.00	-0.05
	33	2.79	-1.65	-2.00	0.00	-0.00	0.05
	34	2.27	-1.47	-2.00	0.00	-0.00	0.04
	35	0.83	-1.69	-2.00	0.00	-0.00	0.05
	36	0.31	-1.51	-2.00	0.00	-0.00	0.04
	37	1.60	-3.45	-2.00	0.00	-0.00	0.01
	38	1.08	-3.27	-2.00	0.00	-0.00	0.00
	39	-0.36	-3.49	-2.00	0.00	-0.00	0.02
	40	-0.88	-3.31	-2.00	0.00	-0.00	0.01
	41	0.23	-0.00	-2.48	0.00	-0.00	-0.00
	42	-0.12	0.00	-2.48	0.00	-0.00	0.00
	43	-0.04	0.50	-2.48	0.00	-0.00	-0.00
	44	0.08	-0.56	-2.48	0.00	-0.00	0.00
	45	0.39	-0.00	-2.24	0.00	-0.00	-0.00
	46	-0.19	0.00	-2.24	0.00	-0.00	0.00
	47	-0.07	0.83	-2.24	0.00	-0.00	-0.00
	48	0.13	-0.94	-2.24	0.00	-0.00	0.00
	49	0.00	0.00	-2.10	0.00	-0.00	0.00
	50	0.08	-0.00	-2.00	0.00	-0.00	-0.00
	51	-0.04	0.00	-2.00	0.00	-0.00	0.00
	52	-0.01	0.17	-2.00	0.00	-0.00	-0.00
	53	0.03	-0.19	-2.00	0.00	-0.00	0.00
	54	0.00	0.00	-2.00	0.00	-0.00	0.00
	55	3.33	0.65	-2.00	0.00	-0.00	0.01
	56	3.04	0.20	-2.00	0.00	-0.00	-0.00
	57	3.80	-0.58	-2.00	0.00	-0.00	0.02
	58	3.51	-1.03	-2.00	0.00	-0.00	0.01
	59	1.89	1.14	-2.00	0.00	-0.00	-0.02
	60	1.60	0.70	-2.00	0.00	-0.00	-0.03
	61	2.37	-0.09	-3.36	0.00	-0.01	-0.01
	62	2.07	-0.53	-2.00	0.00	-0.00	-0.02
	63	-2.07	0.53	-2.00	0.00	-0.00	0.02
	64	-2.37	0.09	-2.00	0.00	-0.00	0.01
	65	-1.60	-0.70	-2.00	0.00	-0.00	0.03
	66	-1.89	-1.14	-2.00	0.00	-0.00	0.02
	67	-3.51	1.03	-2.00	0.00	-0.00	-0.01
	68	-3.80	0.58	-2.00	0.00	-0.00	-0.02
	69	-3.04	-0.20	-2.00	0.00	-0.00	0.00
	70	-3.33	-0.65	-2.00	0.00	-0.00	-0.01
	71	0.73	2.73	-3.36	0.00	-0.01	-0.01

	72	0.30	2.88	-2.00	0.00	-0.00	-0.01
	73	-0.89	2.70	-2.00	0.00	-0.00	-0.00
	74	-1.32	2.84	-2.00	0.00	-0.00	-0.01
	75	-0.25	1.25	-2.00	0.00	-0.00	-0.03
	76	-0.68	1.40	-2.00	0.00	-0.00	-0.04
	77	-1.87	1.21	-2.00	0.00	-0.00	-0.03
	78	-2.31	1.36	-2.00	0.00	-0.00	-0.04
	79	2.31	-1.36	-2.00	0.00	-0.00	0.04
	80	1.87	-1.21	-2.00	0.00	-0.00	0.03
	81	0.68	-1.40	-2.00	0.00	-0.00	0.04
	82	0.25	-1.25	-2.00	0.00	-0.00	0.03
	83	1.32	-2.84	-2.00	0.00	-0.00	0.01
	84	0.89	-2.70	-2.00	0.00	-0.00	0.00
	85	-0.30	-2.88	-2.00	0.00	-0.00	0.01
	86	-0.73	-2.73	-2.00	0.00	-0.00	0.01
140	1	0.35	-0.01	-0.91	0.00	-0.48	-0.00
	2	-0.17	0.00	-0.91	0.00	-0.48	0.00
	3	-0.07	0.73	-0.91	0.00	-0.48	-0.00
	4	0.12	-0.82	-0.91	0.00	-0.48	0.00
	5	0.58	-0.01	-0.82	0.00	-0.43	-0.00
	6	-0.29	0.00	-0.82	0.00	-0.43	0.00
	7	-0.11	1.21	-0.82	0.00	-0.43	-0.00
	8	0.19	-1.36	-0.82	0.00	-0.43	0.00
	9	4.04	0.87	-0.54	0.00	-0.28	0.01
	10	3.68	0.24	-0.54	0.00	-0.28	-0.00
	11	4.61	-0.48	-0.54	0.00	-0.28	0.03
	12	4.25	-1.10	-0.54	0.00	-0.28	0.02
	13	2.29	1.16	-0.54	0.00	-0.28	-0.03
	14	1.94	0.53	-0.54	0.00	-0.28	-0.04
	15	2.87	-0.19	-0.54	0.00	-0.28	-0.01
	16	2.51	-0.81	-0.54	0.00	-0.28	-0.02
	17	-2.51	0.81	-0.54	0.00	-0.28	0.02
	18	-2.87	0.19	-0.54	0.00	-0.28	0.01
	19	-1.94	-0.53	-0.54	0.00	-0.28	0.04
	20	-2.29	-1.16	-0.54	0.00	-0.28	0.03
	21	-4.25	1.10	-0.54	0.00	-0.28	-0.02
	22	-4.61	0.48	-0.54	0.00	-0.28	-0.03
	23	-3.68	-0.24	-0.54	0.00	-0.28	0.00
	24	-4.04	-0.87	-0.54	0.00	-0.28	-0.01
	25	0.88	3.25	-0.54	0.00	-0.28	-0.01
	26	0.36	3.34	-0.54	0.00	-0.28	-0.02
	27	-1.08	3.23	-0.54	0.00	-0.28	-0.00
	28	-1.60	3.32	-0.90	0.00	-0.48	-0.01
	29	-0.31	1.16	-0.54	0.00	-0.28	-0.04
	30	-0.83	1.25	-0.54	0.00	-0.28	-0.05
	31	-2.27	1.15	-0.54	0.00	-0.28	-0.04
	32	-2.79	1.24	-0.54	0.00	-0.28	-0.05
	33	2.79	-1.24	-0.54	0.00	-0.28	0.05
	34	2.27	-1.15	-0.54	0.00	-0.28	0.04
	35	0.83	-1.25	-0.54	0.00	-0.28	0.05
	36	0.31	-1.16	-0.54	0.00	-0.28	0.04
	37	1.60	-3.32	-0.54	0.00	-0.28	0.01
	38	1.08	-3.23	-0.54	0.00	-0.28	0.00
	39	-0.36	-3.34	-0.54	0.00	-0.28	0.02
	40	-0.88	-3.25	-0.54	0.00	-0.28	0.01
	41	0.23	-0.00	-0.66	0.00	-0.35	-0.00
	42	-0.12	0.00	-0.66	0.00	-0.35	0.00
	43	-0.04	0.49	-0.66	0.00	-0.35	-0.00
	44	0.08	-0.55	-0.66	0.00	-0.35	0.00
	45	0.39	-0.01	-0.60	0.00	-0.32	-0.00
	46	-0.19	0.00	-0.60	0.00	-0.32	0.00
	47	-0.07	0.81	-0.60	0.00	-0.32	-0.00
	48	0.13	-0.91	-0.60	0.00	-0.32	0.00
	49	0.00	0.00	-0.56	0.00	-0.30	0.00
	50	0.08	-0.00	-0.54	0.00	-0.28	-0.00

	51	-0.04	0.00	-0.54	0.00	-0.28	0.00
	52	-0.01	0.16	-0.54	0.00	-0.28	-0.00
	53	0.03	-0.18	-0.54	0.00	-0.28	0.00
	54	0.00	0.00	-0.54	0.00	-0.28	0.00
	55	3.33	0.71	-0.54	0.00	-0.28	0.01
	56	3.04	0.20	-0.54	0.00	-0.28	-0.00
	57	3.80	-0.40	-0.54	0.00	-0.28	0.02
	58	3.51	-0.91	-0.54	0.00	-0.28	0.01
	59	1.89	0.96	-0.54	0.00	-0.28	-0.02
	60	1.60	0.44	-0.54	0.00	-0.28	-0.03
	61	2.37	-0.15	-0.90	0.00	-0.48	-0.01
	62	2.07	-0.67	-0.54	0.00	-0.28	-0.02
	63	-2.07	0.67	-0.54	0.00	-0.28	0.02
	64	-2.37	0.15	-0.54	0.00	-0.28	0.01
	65	-1.60	-0.44	-0.54	0.00	-0.28	0.03
	66	-1.89	-0.96	-0.54	0.00	-0.28	0.02
	67	-3.51	0.91	-0.54	0.00	-0.28	-0.01
	68	-3.80	0.40	-0.54	0.00	-0.28	-0.02
	69	-3.04	-0.20	-0.54	0.00	-0.28	0.00
	70	-3.33	-0.71	-0.54	0.00	-0.28	-0.01
	71	0.73	2.68	-0.90	0.00	-0.48	-0.01
	72	0.30	2.75	-0.54	0.00	-0.28	-0.01
	73	-0.89	2.67	-0.54	0.00	-0.28	-0.00
	74	-1.32	2.74	-0.54	0.00	-0.28	-0.01
	75	-0.25	0.96	-0.54	0.00	-0.28	-0.03
	76	-0.68	1.03	-0.54	0.00	-0.28	-0.04
	77	-1.87	0.95	-0.54	0.00	-0.28	-0.03
	78	-2.31	1.02	-0.54	0.00	-0.28	-0.04
	79	2.31	-1.02	-0.54	0.00	-0.28	0.04
	80	1.87	-0.95	-0.54	0.00	-0.28	0.03
	81	0.68	-1.03	-0.54	0.00	-0.28	0.04
	82	0.25	-0.96	-0.54	0.00	-0.28	0.03
	83	1.32	-2.74	-0.54	0.00	-0.28	0.01
	84	0.89	-2.67	-0.54	0.00	-0.28	0.00
	85	-0.30	-2.75	-0.54	0.00	-0.28	0.01
	86	-0.73	-2.68	-0.54	0.00	-0.28	0.01
141	1	0.35	-0.01	-2.73	0.00	0.21	-0.00
	2	-0.17	0.00	-2.73	0.00	0.21	0.00
	3	-0.07	0.71	-2.73	0.00	0.21	-0.00
	4	0.12	-0.79	-2.73	0.00	0.21	0.00
	5	0.58	-0.01	-2.47	0.00	0.19	-0.00
	6	-0.29	0.01	-2.47	0.00	0.19	0.00
	7	-0.11	1.19	-2.47	0.00	0.19	-0.00
	8	0.19	-1.32	-2.47	0.00	0.19	0.00
	9	4.04	0.95	-1.66	0.00	0.13	0.01
	10	3.68	0.24	-1.66	0.00	0.13	-0.00
	11	4.61	-0.25	-1.66	0.00	0.13	0.03
	12	4.25	-0.97	-1.66	0.00	0.13	0.02
	13	2.29	0.93	-1.66	0.00	0.13	-0.03
	14	1.94	0.22	-1.66	0.00	0.13	-0.04
	15	2.87	-0.27	-1.66	0.00	0.13	-0.01
	16	2.51	-0.98	-1.66	0.00	0.13	-0.02
	17	-2.51	0.98	-1.66	0.00	0.13	0.02
	18	-2.87	0.27	-1.66	0.00	0.13	0.01
	19	-1.94	-0.22	-1.66	0.00	0.13	0.04
	20	-2.29	-0.93	-1.66	0.00	0.13	0.03
	21	-4.25	0.97	-1.66	0.00	0.13	-0.02
	22	-4.61	0.25	-1.66	0.00	0.13	-0.03
	23	-3.68	-0.24	-1.66	0.00	0.13	0.00
	24	-4.04	-0.95	-1.66	0.00	0.13	-0.01
	25	0.88	3.19	-1.66	0.00	0.13	-0.01
	26	0.36	3.18	-1.66	0.00	0.13	-0.02
	27	-1.08	3.20	-1.66	0.00	0.13	-0.00
	28	-1.60	3.19	-2.86	0.00	0.22	-0.01
	29	-0.31	0.81	-1.66	0.00	0.13	-0.04

	30	-0.83	0.81	-1.66	0.00	0.13	-0.05
	31	-2.27	0.82	-1.66	0.00	0.13	-0.04
	32	-2.79	0.82	-1.66	0.00	0.13	-0.05
	33	2.79	-0.82	-1.66	0.00	0.13	0.05
	34	2.27	-0.82	-1.66	0.00	0.13	0.04
	35	0.83	-0.81	-1.66	0.00	0.13	0.05
	36	0.31	-0.81	-1.66	0.00	0.13	0.04
	37	1.60	-3.19	-1.66	0.00	0.13	0.01
	38	1.08	-3.20	-1.66	0.00	0.13	0.00
	39	-0.36	-3.18	-1.66	0.00	0.13	0.02
	40	-0.88	-3.19	-1.66	0.00	0.13	0.01
	41	0.23	-0.00	-2.00	0.00	0.15	-0.00
	42	-0.12	0.00	-2.00	0.00	0.15	0.00
	43	-0.04	0.48	-2.00	0.00	0.15	-0.00
	44	0.08	-0.53	-2.00	0.00	0.15	0.00
	45	0.39	-0.01	-1.83	0.00	0.14	-0.00
	46	-0.19	0.00	-1.83	0.00	0.14	0.00
	47	-0.07	0.79	-1.83	0.00	0.14	-0.00
	48	0.13	-0.88	-1.83	0.00	0.14	0.00
	49	0.00	0.00	-1.72	0.00	0.13	0.00
	50	0.08	-0.00	-1.66	0.00	0.13	-0.00
	51	-0.04	0.00	-1.66	0.00	0.13	0.00
	52	-0.01	0.16	-1.66	0.00	0.13	-0.00
	53	0.03	-0.18	-1.66	0.00	0.13	0.00
	54	0.00	0.00	-1.66	0.00	0.13	0.00
	55	3.33	0.78	-1.66	0.00	0.13	0.01
	56	3.04	0.19	-1.66	0.00	0.13	-0.00
	57	3.80	-0.21	-1.66	0.00	0.13	0.02
	58	3.51	-0.80	-1.66	0.00	0.13	0.01
	59	1.89	0.77	-1.66	0.00	0.13	-0.02
	60	1.60	0.18	-1.66	0.00	0.13	-0.03
	61	2.37	-0.22	-2.86	0.00	0.22	-0.01
	62	2.07	-0.81	-1.66	0.00	0.13	-0.02
	63	-2.07	0.81	-1.66	0.00	0.13	0.02
	64	-2.37	0.22	-1.66	0.00	0.13	0.01
	65	-1.60	-0.18	-1.66	0.00	0.13	0.03
	66	-1.89	-0.77	-1.66	0.00	0.13	0.02
	67	-3.51	0.80	-1.66	0.00	0.13	-0.01
	68	-3.80	0.21	-1.66	0.00	0.13	-0.02
	69	-3.04	-0.19	-1.66	0.00	0.13	0.00
	70	-3.33	-0.78	-1.66	0.00	0.13	-0.01
	71	0.73	2.63	-2.86	0.00	0.22	-0.01
	72	0.30	2.63	-1.66	0.00	0.13	-0.01
	73	-0.89	2.64	-1.66	0.00	0.13	-0.00
	74	-1.32	2.63	-1.66	0.00	0.13	-0.01
	75	-0.25	0.67	-1.66	0.00	0.13	-0.03
	76	-0.68	0.67	-1.66	0.00	0.13	-0.04
	77	-1.87	0.68	-1.66	0.00	0.13	-0.03
	78	-2.31	0.68	-1.66	0.00	0.13	-0.04
	79	2.31	-0.68	-1.66	0.00	0.13	0.04
	80	1.87	-0.68	-1.66	0.00	0.13	0.03
	81	0.68	-0.67	-1.66	0.00	0.13	0.04
	82	0.25	-0.67	-1.66	0.00	0.13	0.03
	83	1.32	-2.63	-1.66	0.00	0.13	0.01
	84	0.89	-2.64	-1.66	0.00	0.13	0.00
	85	-0.30	-2.63	-1.66	0.00	0.13	0.01
	86	-0.73	-2.63	-1.66	0.00	0.13	0.01
142	1	0.35	-0.01	-2.15	0.00	-0.32	-0.00
	2	-0.17	0.00	-2.15	0.00	-0.32	0.00
	3	-0.07	0.70	-2.15	0.00	-0.32	-0.00
	4	0.12	-0.77	-2.15	0.00	-0.32	0.00
	5	0.58	-0.01	-1.96	0.00	-0.29	-0.00
	6	-0.29	0.01	-1.96	0.00	-0.29	0.00
	7	-0.11	1.17	-1.96	0.00	-0.29	-0.00
	8	0.19	-1.28	-1.96	0.00	-0.29	0.00

	9	4.04	1.03	-1.32	0.00	-0.19	0.01
	10	3.68	0.23	-1.32	0.00	-0.19	-0.00
	11	4.61	-0.03	-1.32	0.00	-0.19	0.03
	12	4.25	-0.83	-1.32	0.00	-0.19	0.02
	13	2.29	0.71	-1.32	0.00	-0.19	-0.03
	14	1.94	-0.09	-1.32	0.00	-0.19	-0.04
	15	2.87	-0.35	-1.32	0.00	-0.19	-0.01
	16	2.51	-1.15	-1.32	0.00	-0.19	-0.02
	17	-2.51	1.15	-1.32	0.00	-0.19	0.02
	18	-2.87	0.35	-1.32	0.00	-0.19	0.01
	19	-1.94	0.09	-1.32	0.00	-0.19	0.04
	20	-2.29	-0.71	-1.32	0.00	-0.19	0.03
	21	-4.25	0.83	-1.32	0.00	-0.19	-0.02
	22	-4.61	0.03	-1.32	0.00	-0.19	-0.03
	23	-3.68	-0.23	-1.32	0.00	-0.19	0.00
	24	-4.04	-1.03	-1.32	0.00	-0.19	-0.01
	25	0.88	3.12	-1.32	0.00	-0.19	-0.01
	26	0.36	3.03	-1.32	0.00	-0.19	-0.02
	27	-1.08	3.16	-1.32	0.00	-0.19	-0.00
	28	-1.60	3.06	-2.28	0.00	-0.33	-0.01
	29	-0.31	0.47	-1.32	0.00	-0.19	-0.04
	30	-0.83	0.37	-1.32	0.00	-0.19	-0.05
	31	-2.27	0.50	-1.32	0.00	-0.19	-0.04
	32	-2.79	0.40	-1.32	0.00	-0.19	-0.05
	33	2.79	-0.40	-1.32	0.00	-0.19	0.05
	34	2.27	-0.50	-1.32	0.00	-0.19	0.04
	35	0.83	-0.37	-1.32	0.00	-0.19	0.05
	36	0.31	-0.47	-1.32	0.00	-0.19	0.04
	37	1.60	-3.06	-1.32	0.00	-0.19	0.01
	38	1.08	-3.16	-1.32	0.00	-0.19	0.00
	39	-0.36	-3.03	-1.32	0.00	-0.19	0.02
	40	-0.88	-3.12	-1.32	0.00	-0.19	0.01
	41	0.23	-0.01	-1.58	0.00	-0.23	-0.00
	42	-0.12	0.00	-1.58	0.00	-0.23	0.00
	43	-0.04	0.47	-1.58	0.00	-0.23	-0.00
	44	0.08	-0.51	-1.58	0.00	-0.23	0.00
	45	0.39	-0.01	-1.45	0.00	-0.21	-0.00
	46	-0.19	0.00	-1.45	0.00	-0.21	0.00
	47	-0.07	0.78	-1.45	0.00	-0.21	-0.00
	48	0.13	-0.85	-1.45	0.00	-0.21	0.00
	49	0.00	0.00	-1.37	0.00	-0.20	0.00
	50	0.08	-0.00	-1.32	0.00	-0.19	-0.00
	51	-0.04	0.00	-1.32	0.00	-0.19	0.00
	52	-0.01	0.16	-1.32	0.00	-0.19	-0.00
	53	0.03	-0.17	-1.32	0.00	-0.19	0.00
	54	0.00	0.00	-1.32	0.00	-0.19	0.00
	55	3.33	0.85	-1.32	0.00	-0.19	0.01
	56	3.04	0.19	-1.32	0.00	-0.19	-0.00
	57	3.80	-0.02	-1.32	0.00	-0.19	0.02
	58	3.51	-0.68	-1.32	0.00	-0.19	0.01
	59	1.89	0.58	-1.32	0.00	-0.19	-0.02
	60	1.60	-0.07	-1.32	0.00	-0.19	-0.03
	61	2.37	-0.29	-2.28	0.00	-0.33	-0.01
	62	2.07	-0.95	-1.32	0.00	-0.19	-0.02
	63	-2.07	0.95	-1.32	0.00	-0.19	0.02
	64	-2.37	0.29	-1.32	0.00	-0.19	0.01
	65	-1.60	0.07	-1.32	0.00	-0.19	0.03
	66	-1.89	-0.58	-1.32	0.00	-0.19	0.02
	67	-3.51	0.68	-1.32	0.00	-0.19	-0.01
	68	-3.80	0.02	-1.32	0.00	-0.19	-0.02
	69	-3.04	-0.19	-1.32	0.00	-0.19	0.00
	70	-3.33	-0.85	-1.32	0.00	-0.19	-0.01
	71	0.73	2.58	-2.28	0.00	-0.33	-0.01
	72	0.30	2.50	-1.32	0.00	-0.19	-0.01
	73	-0.89	2.61	-1.32	0.00	-0.19	-0.00

	74	-1.32	2.53	-1.32	0.00	-0.19	-0.01
	75	-0.25	0.38	-1.32	0.00	-0.19	-0.03
	76	-0.68	0.30	-1.32	0.00	-0.19	-0.04
	77	-1.87	0.41	-1.32	0.00	-0.19	-0.03
	78	-2.31	0.33	-1.32	0.00	-0.19	-0.04
	79	2.31	-0.33	-1.32	0.00	-0.19	0.04
	80	1.87	-0.41	-1.32	0.00	-0.19	0.03
	81	0.68	-0.30	-1.32	0.00	-0.19	0.04
	82	0.25	-0.38	-1.32	0.00	-0.19	0.03
	83	1.32	-2.53	-1.32	0.00	-0.19	0.01
	84	0.89	-2.61	-1.32	0.00	-0.19	0.00
	85	-0.30	-2.50	-1.32	0.00	-0.19	0.01
	86	-0.73	-2.58	-1.32	0.00	-0.19	0.01
143	1	0.35	0.01	-2.59	0.00	0.21	-0.00
	2	-0.18	-0.01	-2.59	0.00	0.21	0.00
	3	-0.02	0.88	-2.59	0.00	0.21	-0.00
	4	0.04	-1.09	-2.59	0.00	0.21	0.00
	5	0.59	0.02	-2.34	0.00	0.19	-0.00
	6	-0.29	-0.01	-2.34	0.00	0.19	0.00
	7	-0.03	1.47	-2.34	0.00	0.19	-0.00
	8	0.06	-1.82	-2.34	0.00	0.19	0.00
	9	3.77	-0.04	-1.56	0.00	0.13	0.01
	10	3.70	0.29	-1.56	0.00	0.13	-0.00
	11	3.88	-2.96	-1.56	0.00	0.13	0.03
	12	3.80	-2.63	-1.56	0.00	0.13	0.02
	13	3.03	3.64	-1.56	0.00	0.13	-0.03
	14	2.95	3.97	-1.56	0.00	0.13	-0.04
	15	3.13	0.72	-1.56	0.00	0.13	-0.01
	16	3.06	1.05	-1.56	0.00	0.13	-0.02
	17	-3.06	-1.05	-1.56	0.00	0.13	0.02
	18	-3.13	-0.72	-1.56	0.00	0.13	0.01
	19	-2.95	-3.97	-1.56	0.00	0.13	0.04
	20	-3.03	-3.64	-1.56	0.00	0.13	0.03
	21	-3.80	2.63	-1.56	0.00	0.13	-0.02
	22	-3.88	2.96	-1.56	0.00	0.13	-0.03
	23	-3.70	-0.29	-1.56	0.00	0.13	0.00
	24	-3.77	0.04	-1.56	0.00	0.13	-0.01
	25	1.09	3.93	-1.56	0.00	0.13	-0.01
	26	0.86	5.03	-1.56	0.00	0.13	-0.02
	27	-0.96	3.62	-1.56	0.00	0.13	-0.00
	28	-1.19	4.73	-1.59	0.00	0.13	-0.01
	29	0.83	5.01	-1.56	0.00	0.13	-0.04
	30	0.61	6.12	-1.56	0.00	0.13	-0.05
	31	-1.22	4.71	-1.56	0.00	0.13	-0.04
	32	-1.44	5.81	-1.56	0.00	0.13	-0.05
	33	1.44	-5.81	-1.56	0.00	0.13	0.05
	34	1.22	-4.71	-1.56	0.00	0.13	0.04
	35	-0.61	-6.12	-1.56	0.00	0.13	0.05
	36	-0.83	-5.01	-1.56	0.00	0.13	0.04
	37	1.19	-4.73	-1.56	0.00	0.13	0.01
	38	0.96	-3.62	-1.56	0.00	0.13	0.00
	39	-0.86	-5.03	-1.56	0.00	0.13	0.02
	40	-1.09	-3.93	-1.56	0.00	0.13	0.01
	41	0.23	0.01	-1.90	0.00	0.16	-0.00
	42	-0.12	-0.00	-1.90	0.00	0.16	0.00
	43	-0.01	0.59	-1.90	0.00	0.16	-0.00
	44	0.02	-0.73	-1.90	0.00	0.16	0.00
	45	0.39	0.01	-1.73	0.00	0.14	-0.00
	46	-0.20	-0.01	-1.73	0.00	0.14	0.00
	47	-0.02	0.98	-1.73	0.00	0.14	-0.00
	48	0.04	-1.21	-1.73	0.00	0.14	0.00
	49	0.00	0.00	-1.63	0.00	0.13	0.00
	50	0.08	0.00	-1.56	0.00	0.13	-0.00
	51	-0.04	-0.00	-1.56	0.00	0.13	0.00
	52	-0.00	0.20	-1.56	0.00	0.13	-0.00

	53	0.01	-0.24	-1.56	0.00	0.13	0.00
	54	0.00	0.00	-1.56	0.00	0.13	0.00
	55	3.11	-0.03	-1.56	0.00	0.13	0.01
	56	3.05	0.24	-1.56	0.00	0.13	-0.00
	57	3.20	-2.44	-1.56	0.00	0.13	0.02
	58	3.14	-2.17	-1.56	0.00	0.13	0.01
	59	2.50	3.00	-1.56	0.00	0.13	-0.02
	60	2.44	3.27	-1.56	0.00	0.13	-0.03
	61	2.59	0.59	-1.59	0.00	0.13	-0.01
	62	2.52	0.86	-1.56	0.00	0.13	-0.02
	63	-2.52	-0.86	-1.56	0.00	0.13	0.02
	64	-2.59	-0.59	-1.56	0.00	0.13	0.01
	65	-2.44	-3.27	-1.56	0.00	0.13	0.03
	66	-2.50	-3.00	-1.56	0.00	0.13	0.02
	67	-3.14	2.17	-1.56	0.00	0.13	-0.01
	68	-3.20	2.44	-1.56	0.00	0.13	-0.02
	69	-3.05	-0.24	-1.56	0.00	0.13	0.00
	70	-3.11	0.03	-1.56	0.00	0.13	-0.01
	71	0.90	3.24	-1.59	0.00	0.13	-0.01
	72	0.71	4.15	-1.56	0.00	0.13	-0.01
	73	-0.80	2.99	-1.56	0.00	0.13	-0.00
	74	-0.98	3.90	-1.56	0.00	0.13	-0.01
	75	0.69	4.13	-1.56	0.00	0.13	-0.03
	76	0.50	5.05	-1.56	0.00	0.13	-0.04
	77	-1.00	3.89	-1.56	0.00	0.13	-0.03
	78	-1.19	4.80	-1.56	0.00	0.13	-0.04
	79	1.19	-4.80	-1.56	0.00	0.13	0.04
	80	1.00	-3.89	-1.56	0.00	0.13	0.03
	81	-0.50	-5.05	-1.56	0.00	0.13	0.04
	82	-0.69	-4.13	-1.56	0.00	0.13	0.03
	83	0.98	-3.90	-1.56	0.00	0.13	0.01
	84	0.80	-2.99	-1.56	0.00	0.13	0.00
	85	-0.71	-4.15	-1.56	0.00	0.13	0.01
	86	-0.90	-3.24	-1.56	0.00	0.13	0.01
144	1	0.35	0.01	-2.23	0.00	-0.30	-0.00
	2	-0.18	-0.00	-2.23	0.00	-0.30	0.00
	3	-0.02	0.87	-2.23	0.00	-0.30	-0.00
	4	0.04	-1.07	-2.23	0.00	-0.30	0.00
	5	0.59	0.01	-2.00	0.00	-0.27	-0.00
	6	-0.29	-0.01	-2.00	0.00	-0.27	0.00
	7	-0.03	1.45	-2.00	0.00	-0.27	-0.00
	8	0.06	-1.78	-2.00	0.00	-0.27	0.00
	9	3.77	0.04	-1.33	0.00	-0.18	0.01
	10	3.70	0.28	-1.33	0.00	-0.18	-0.00
	11	3.88	-2.73	-1.33	0.00	-0.18	0.03
	12	3.80	-2.49	-1.33	0.00	-0.18	0.02
	13	3.03	3.42	-1.33	0.00	-0.18	-0.03
	14	2.95	3.66	-1.33	0.00	-0.18	-0.04
	15	3.13	0.64	-1.33	0.00	-0.18	-0.01
	16	3.06	0.88	-1.33	0.00	-0.18	-0.02
	17	-3.06	-0.88	-1.33	0.00	-0.18	0.02
	18	-3.13	-0.64	-1.33	0.00	-0.18	0.01
	19	-2.95	-3.66	-1.33	0.00	-0.18	0.04
	20	-3.03	-3.42	-1.33	0.00	-0.18	0.03
	21	-3.80	2.49	-1.33	0.00	-0.18	-0.02
	22	-3.88	2.73	-1.33	0.00	-0.18	-0.03
	23	-3.70	-0.28	-1.33	0.00	-0.18	0.00
	24	-3.77	-0.04	-1.33	0.00	-0.18	-0.01
	25	1.09	3.86	-1.33	0.00	-0.18	-0.01
	26	0.86	4.88	-1.33	0.00	-0.18	-0.02
	27	-0.96	3.59	-1.33	0.00	-0.18	-0.00
	28	-1.19	4.60	-1.34	0.00	-0.18	-0.01
	29	0.83	4.66	-1.33	0.00	-0.18	-0.04
	30	0.61	5.67	-1.33	0.00	-0.18	-0.05
	31	-1.22	4.39	-1.33	0.00	-0.18	-0.04

	32	-1.44	5.40	-1.33	0.00	-0.18	-0.05
	33	1.44	-5.40	-1.33	0.00	-0.18	0.05
	34	1.22	-4.39	-1.33	0.00	-0.18	0.04
	35	-0.61	-5.67	-1.33	0.00	-0.18	0.05
	36	-0.83	-4.66	-1.33	0.00	-0.18	0.04
	37	1.19	-4.60	-1.33	0.00	-0.18	0.01
	38	0.96	-3.59	-1.33	0.00	-0.18	0.00
	39	-0.86	-4.88	-1.33	0.00	-0.18	0.02
	40	-1.09	-3.86	-1.33	0.00	-0.18	0.01
	41	0.23	0.01	-1.63	0.00	-0.22	-0.00
	42	-0.12	-0.00	-1.63	0.00	-0.22	0.00
	43	-0.01	0.58	-1.63	0.00	-0.22	-0.00
	44	0.02	-0.71	-1.63	0.00	-0.22	0.00
	45	0.39	0.01	-1.48	0.00	-0.20	-0.00
	46	-0.20	-0.00	-1.48	0.00	-0.20	0.00
	47	-0.02	0.97	-1.48	0.00	-0.20	-0.00
	48	0.04	-1.18	-1.48	0.00	-0.20	0.00
	49	0.00	0.00	-1.39	0.00	-0.19	0.00
	50	0.08	0.00	-1.33	0.00	-0.18	-0.00
	51	-0.04	-0.00	-1.33	0.00	-0.18	0.00
	52	-0.00	0.19	-1.33	0.00	-0.18	-0.00
	53	0.01	-0.24	-1.33	0.00	-0.18	0.00
	54	0.00	0.00	-1.33	0.00	-0.18	0.00
	55	3.11	0.04	-1.33	0.00	-0.18	0.01
	56	3.05	0.23	-1.33	0.00	-0.18	-0.00
	57	3.20	-2.26	-1.33	0.00	-0.18	0.02
	58	3.14	-2.06	-1.33	0.00	-0.18	0.01
	59	2.50	2.82	-1.33	0.00	-0.18	-0.02
	60	2.44	3.02	-1.33	0.00	-0.18	-0.03
	61	2.59	0.53	-1.34	0.00	-0.18	-0.01
	62	2.52	0.72	-1.33	0.00	-0.18	-0.02
	63	-2.52	-0.72	-1.33	0.00	-0.18	0.02
	64	-2.59	-0.53	-1.33	0.00	-0.18	0.01
	65	-2.44	-3.02	-1.33	0.00	-0.18	0.03
	66	-2.50	-2.82	-1.33	0.00	-0.18	0.02
	67	-3.14	2.06	-1.33	0.00	-0.18	-0.01
	68	-3.20	2.26	-1.33	0.00	-0.18	-0.02
	69	-3.05	-0.23	-1.33	0.00	-0.18	0.00
	70	-3.11	-0.04	-1.33	0.00	-0.18	-0.01
	71	0.90	3.19	-1.34	0.00	-0.18	-0.01
	72	0.71	4.02	-1.33	0.00	-0.18	-0.01
	73	-0.80	2.96	-1.33	0.00	-0.18	-0.00
	74	-0.98	3.79	-1.33	0.00	-0.18	-0.01
	75	0.69	3.85	-1.33	0.00	-0.18	-0.03
	76	0.50	4.68	-1.33	0.00	-0.18	-0.04
	77	-1.00	3.62	-1.33	0.00	-0.18	-0.03
	78	-1.19	4.45	-1.33	0.00	-0.18	-0.04
	79	1.19	-4.45	-1.33	0.00	-0.18	0.04
	80	1.00	-3.62	-1.33	0.00	-0.18	0.03
	81	-0.50	-4.68	-1.33	0.00	-0.18	0.04
	82	-0.69	-3.85	-1.33	0.00	-0.18	0.03
	83	0.98	-3.79	-1.33	0.00	-0.18	0.01
	84	0.80	-2.96	-1.33	0.00	-0.18	0.00
	85	-0.71	-4.02	-1.33	0.00	-0.18	0.01
	86	-0.90	-3.19	-1.33	0.00	-0.18	0.01
145	1	0.35	0.01	-1.88	0.00	0.42	-0.00
	2	-0.18	-0.00	-1.88	0.00	0.42	0.00
	3	-0.02	0.86	-1.88	0.00	0.42	-0.00
	4	0.04	-1.04	-1.88	0.00	0.42	0.00
	5	0.59	0.01	-1.66	0.00	0.37	-0.00
	6	-0.29	-0.01	-1.66	0.00	0.37	0.00
	7	-0.03	1.43	-1.66	0.00	0.37	-0.00
	8	0.06	-1.73	-1.66	0.00	0.37	0.00
	9	3.77	0.13	-1.08	0.00	0.24	0.01
	10	3.70	0.28	-1.08	0.00	0.24	-0.00

	11	3.88	-2.51	-1.08	0.00	0.24	0.03
	12	3.80	-2.36	-1.08	0.00	0.24	0.02
	13	3.03	3.19	-1.08	0.00	0.24	-0.03
	14	2.95	3.34	-1.08	0.00	0.24	-0.04
	15	3.13	0.56	-1.08	0.00	0.24	-0.01
	16	3.06	0.71	-1.08	0.00	0.24	-0.02
	17	-3.06	-0.71	-1.08	0.00	0.24	0.02
	18	-3.13	-0.56	-1.08	0.00	0.24	0.01
	19	-2.95	-3.34	-1.08	0.00	0.24	0.04
	20	-3.03	-3.19	-1.08	0.00	0.24	0.03
	21	-3.80	2.36	-1.08	0.00	0.24	-0.02
	22	-3.88	2.51	-1.08	0.00	0.24	-0.03
	23	-3.70	-0.28	-1.08	0.00	0.24	0.00
	24	-3.77	-0.13	-1.08	0.00	0.24	-0.01
	25	1.09	3.80	-1.08	0.00	0.24	-0.01
	26	0.86	4.72	-1.08	0.00	0.24	-0.02
	27	-0.96	3.55	-1.08	0.00	0.24	-0.00
	28	-1.19	4.47	-1.08	0.00	0.24	-0.01
	29	0.83	4.31	-1.08	0.00	0.24	-0.04
	30	0.61	5.23	-1.08	0.00	0.24	-0.05
	31	-1.22	4.06	-1.08	0.00	0.24	-0.04
	32	-1.44	4.98	-1.08	0.00	0.24	-0.05
	33	1.44	-4.98	-1.08	0.00	0.24	0.05
	34	1.22	-4.06	-1.08	0.00	0.24	0.04
	35	-0.61	-5.23	-1.08	0.00	0.24	0.05
	36	-0.83	-4.31	-1.08	0.00	0.24	0.04
	37	1.19	-4.47	-1.08	0.00	0.24	0.01
	38	0.96	-3.55	-1.08	0.00	0.24	0.00
	39	-0.86	-4.72	-1.08	0.00	0.24	0.02
	40	-1.09	-3.80	-1.08	0.00	0.24	0.01
	41	0.23	0.00	-1.36	0.00	0.30	-0.00
	42	-0.12	-0.00	-1.36	0.00	0.30	0.00
	43	-0.01	0.57	-1.36	0.00	0.30	-0.00
	44	0.02	-0.69	-1.36	0.00	0.30	0.00
	45	0.39	0.01	-1.22	0.00	0.27	-0.00
	46	-0.20	-0.00	-1.22	0.00	0.27	0.00
	47	-0.02	0.95	-1.22	0.00	0.27	-0.00
	48	0.04	-1.16	-1.22	0.00	0.27	0.00
	49	0.00	0.00	-1.13	0.00	0.25	0.00
	50	0.08	0.00	-1.08	0.00	0.24	-0.00
	51	-0.04	-0.00	-1.08	0.00	0.24	0.00
	52	-0.00	0.19	-1.08	0.00	0.24	-0.00
	53	0.01	-0.23	-1.08	0.00	0.24	0.00
	54	0.00	0.00	-1.08	0.00	0.24	0.00
	55	3.11	0.10	-1.08	0.00	0.24	0.01
	56	3.05	0.23	-1.08	0.00	0.24	-0.00
	57	3.20	-2.07	-1.08	0.00	0.24	0.02
	58	3.14	-1.94	-1.08	0.00	0.24	0.01
	59	2.50	2.63	-1.08	0.00	0.24	-0.02
	60	2.44	2.76	-1.08	0.00	0.24	-0.03
	61	2.59	0.46	-1.08	0.00	0.24	-0.01
	62	2.52	0.58	-1.08	0.00	0.24	-0.02
	63	-2.52	-0.58	-1.08	0.00	0.24	0.02
	64	-2.59	-0.46	-1.08	0.00	0.24	0.01
	65	-2.44	-2.76	-1.08	0.00	0.24	0.03
	66	-2.50	-2.63	-1.08	0.00	0.24	0.02
	67	-3.14	1.94	-1.08	0.00	0.24	-0.01
	68	-3.20	2.07	-1.08	0.00	0.24	-0.02
	69	-3.05	-0.23	-1.08	0.00	0.24	0.00
	70	-3.11	-0.10	-1.08	0.00	0.24	-0.01
	71	0.90	3.14	-1.08	0.00	0.24	-0.01
	72	0.71	3.90	-1.08	0.00	0.24	-0.01
	73	-0.80	2.93	-1.08	0.00	0.24	-0.00
	74	-0.98	3.69	-1.08	0.00	0.24	-0.01
	75	0.69	3.56	-1.08	0.00	0.24	-0.03

	76	0.50	4.32	-1.08	0.00	0.24	-0.04
	77	-1.00	3.35	-1.08	0.00	0.24	-0.03
	78	-1.19	4.11	-1.08	0.00	0.24	-0.04
	79	1.19	-4.11	-1.08	0.00	0.24	0.04
	80	1.00	-3.35	-1.08	0.00	0.24	0.03
	81	-0.50	-4.32	-1.08	0.00	0.24	0.04
	82	-0.69	-3.56	-1.08	0.00	0.24	0.03
	83	0.98	-3.69	-1.08	0.00	0.24	0.01
	84	0.80	-2.93	-1.08	0.00	0.24	0.00
	85	-0.71	-3.90	-1.08	0.00	0.24	0.01
	86	-0.90	-3.14	-1.08	0.00	0.24	0.01
146	1	0.35	0.01	-3.28	0.00	-0.14	-0.00
	2	-0.18	-0.00	-3.28	0.00	-0.14	0.00
	3	-0.02	0.84	-3.28	0.00	-0.14	-0.00
	4	0.04	-1.02	-3.28	0.00	-0.14	0.00
	5	0.59	0.01	-2.91	0.00	-0.12	-0.00
	6	-0.29	-0.00	-2.91	0.00	-0.12	0.00
	7	-0.03	1.40	-2.91	0.00	-0.12	-0.00
	8	0.06	-1.69	-2.91	0.00	-0.12	0.00
	9	3.77	0.21	-1.89	0.00	-0.08	0.01
	10	3.70	0.28	-1.89	0.00	-0.08	-0.00
	11	3.88	-2.28	-1.89	0.00	-0.08	0.03
	12	3.80	-2.22	-1.89	0.00	-0.08	0.02
	13	3.03	2.96	-1.89	0.00	-0.08	-0.03
	14	2.95	3.03	-1.89	0.00	-0.08	-0.04
	15	3.13	0.47	-1.89	0.00	-0.08	-0.01
	16	3.06	0.54	-1.89	0.00	-0.08	-0.02
	17	-3.06	-0.54	-1.89	0.00	-0.08	0.02
	18	-3.13	-0.47	-1.89	0.00	-0.08	0.01
	19	-2.95	-3.03	-1.89	0.00	-0.08	0.04
	20	-3.03	-2.96	-1.89	0.00	-0.08	0.03
	21	-3.80	2.22	-1.89	0.00	-0.08	-0.02
	22	-3.88	2.28	-1.89	0.00	-0.08	-0.03
	23	-3.70	-0.28	-1.89	0.00	-0.08	0.00
	24	-3.77	-0.21	-1.89	0.00	-0.08	-0.01
	25	1.09	3.74	-1.89	0.00	-0.08	-0.01
	26	0.86	4.57	-1.89	0.00	-0.08	-0.02
	27	-0.96	3.52	-1.89	0.00	-0.08	-0.00
	28	-1.19	4.34	-1.89	0.00	-0.08	-0.01
	29	0.83	3.96	-1.89	0.00	-0.08	-0.04
	30	0.61	4.79	-1.89	0.00	-0.08	-0.05
	31	-1.22	3.74	-1.89	0.00	-0.08	-0.04
	32	-1.44	4.56	-1.89	0.00	-0.08	-0.05
	33	1.44	-4.56	-1.89	0.00	-0.08	0.05
	34	1.22	-3.74	-1.89	0.00	-0.08	0.04
	35	-0.61	-4.79	-1.89	0.00	-0.08	0.05
	36	-0.83	-3.96	-1.89	0.00	-0.08	0.04
	37	1.19	-4.34	-1.89	0.00	-0.08	0.01
	38	0.96	-3.52	-1.89	0.00	-0.08	0.00
	39	-0.86	-4.57	-1.89	0.00	-0.08	0.02
	40	-1.09	-3.74	-1.89	0.00	-0.08	0.01
	41	0.23	0.00	-2.38	0.00	-0.10	-0.00
	42	-0.12	-0.00	-2.38	0.00	-0.10	0.00
	43	-0.01	0.56	-2.38	0.00	-0.10	-0.00
	44	0.02	-0.68	-2.38	0.00	-0.10	0.00
	45	0.39	0.01	-2.14	0.00	-0.09	-0.00
	46	-0.20	-0.00	-2.14	0.00	-0.09	0.00
	47	-0.02	0.94	-2.14	0.00	-0.09	-0.00
	48	0.04	-1.13	-2.14	0.00	-0.09	0.00
	49	0.00	0.00	-1.99	0.00	-0.08	0.00
	50	0.08	0.00	-1.89	0.00	-0.08	-0.00
	51	-0.04	-0.00	-1.89	0.00	-0.08	0.00
	52	-0.00	0.19	-1.89	0.00	-0.08	-0.00
	53	0.01	-0.23	-1.89	0.00	-0.08	0.00
	54	0.00	0.00	-1.89	0.00	-0.08	0.00

	55	3.11	0.17	-1.89	0.00	-0.08	0.01
	56	3.05	0.23	-1.89	0.00	-0.08	-0.00
	57	3.20	-1.88	-1.89	0.00	-0.08	0.02
	58	3.14	-1.83	-1.89	0.00	-0.08	0.01
	59	2.50	2.45	-1.89	0.00	-0.08	-0.02
	60	2.44	2.50	-1.89	0.00	-0.08	-0.03
	61	2.59	0.39	-1.89	0.00	-0.08	-0.01
	62	2.52	0.44	-1.89	0.00	-0.08	-0.02
	63	-2.52	-0.44	-1.89	0.00	-0.08	0.02
	64	-2.59	-0.39	-1.89	0.00	-0.08	0.01
	65	-2.44	-2.50	-1.89	0.00	-0.08	0.03
	66	-2.50	-2.45	-1.89	0.00	-0.08	0.02
	67	-3.14	1.83	-1.89	0.00	-0.08	-0.01
	68	-3.20	1.88	-1.89	0.00	-0.08	-0.02
	69	-3.05	-0.23	-1.89	0.00	-0.08	0.00
	70	-3.11	-0.17	-1.89	0.00	-0.08	-0.01
	71	0.90	3.09	-1.89	0.00	-0.08	-0.01
	72	0.71	3.77	-1.89	0.00	-0.08	-0.01
	73	-0.80	2.90	-1.89	0.00	-0.08	-0.00
	74	-0.98	3.58	-1.89	0.00	-0.08	-0.01
	75	0.69	3.27	-1.89	0.00	-0.08	-0.03
	76	0.50	3.95	-1.89	0.00	-0.08	-0.04
	77	-1.00	3.08	-1.89	0.00	-0.08	-0.03
	78	-1.19	3.77	-1.89	0.00	-0.08	-0.04
	79	1.19	-3.77	-1.89	0.00	-0.08	0.04
	80	1.00	-3.08	-1.89	0.00	-0.08	0.03
	81	-0.50	-3.95	-1.89	0.00	-0.08	0.04
	82	-0.69	-3.27	-1.89	0.00	-0.08	0.03
	83	0.98	-3.58	-1.89	0.00	-0.08	0.01
	84	0.80	-2.90	-1.89	0.00	-0.08	0.00
	85	-0.71	-3.77	-1.89	0.00	-0.08	0.01
	86	-0.90	-3.09	-1.89	0.00	-0.08	0.01
147	1	0.35	0.00	-0.18	0.00	0.47	-0.00
	2	-0.18	-0.00	-0.18	0.00	0.47	0.00
	3	-0.02	0.83	-0.18	0.00	0.47	-0.00
	4	0.04	-0.99	-0.18	0.00	0.47	0.00
	5	0.59	0.01	-0.16	0.00	0.42	-0.00
	6	-0.29	-0.00	-0.16	0.00	0.42	0.00
	7	-0.03	1.38	-0.16	0.00	0.42	-0.00
	8	0.06	-1.65	-0.16	0.00	0.42	0.00
	9	3.77	0.29	-0.10	0.00	0.27	0.01
	10	3.70	0.27	-0.10	0.00	0.27	-0.00
	11	3.88	-2.06	-0.10	0.00	0.27	0.03
	12	3.80	-2.08	-0.10	0.00	0.27	0.02
	13	3.03	2.74	-0.10	0.00	0.27	-0.03
	14	2.95	2.72	-0.10	0.00	0.27	-0.04
	15	3.13	0.39	-0.10	0.00	0.27	-0.01
	16	3.06	0.37	-0.10	0.00	0.27	-0.02
	17	-3.06	-0.37	-0.10	0.00	0.27	0.02
	18	-3.13	-0.39	-0.10	0.00	0.27	0.01
	19	-2.95	-2.72	-0.10	0.00	0.27	0.04
	20	-3.03	-2.74	-0.10	0.00	0.27	0.03
	21	-3.80	2.08	-0.10	0.00	0.27	-0.02
	22	-3.88	2.06	-0.10	0.00	0.27	-0.03
	23	-3.70	-0.27	-0.10	0.00	0.27	0.00
	24	-3.77	-0.29	-0.10	0.00	0.27	-0.01
	25	1.09	3.68	-0.10	0.00	0.27	-0.01
	26	0.86	4.41	-0.10	0.00	0.27	-0.02
	27	-0.96	3.48	-0.10	0.00	0.27	-0.00
	28	-1.19	4.22	-0.10	0.00	0.27	-0.01
	29	0.83	3.61	-0.10	0.00	0.27	-0.04
	30	0.61	4.35	-0.10	0.00	0.27	-0.05
	31	-1.22	3.41	-0.10	0.00	0.27	-0.04
	32	-1.44	4.15	-0.10	0.00	0.27	-0.05
	33	1.44	-4.15	-0.10	0.00	0.27	0.05

	34	1.22	-3.41	-0.10	0.00	0.27	0.04
	35	-0.61	-4.35	-0.10	0.00	0.27	0.05
	36	-0.83	-3.61	-0.10	0.00	0.27	0.04
	37	1.19	-4.22	-0.10	0.00	0.27	0.01
	38	0.96	-3.48	-0.10	0.00	0.27	0.00
	39	-0.86	-4.41	-0.10	0.00	0.27	0.02
	40	-1.09	-3.68	-0.10	0.00	0.27	0.01
	41	0.23	0.00	-0.13	0.00	0.34	-0.00
	42	-0.12	-0.00	-0.13	0.00	0.34	0.00
	43	-0.01	0.55	-0.13	0.00	0.34	-0.00
	44	0.02	-0.66	-0.13	0.00	0.34	0.00
	45	0.39	0.00	-0.11	0.00	0.31	-0.00
	46	-0.20	-0.00	-0.11	0.00	0.31	0.00
	47	-0.02	0.92	-0.11	0.00	0.31	-0.00
	48	0.04	-1.10	-0.11	0.00	0.31	0.00
	49	0.00	0.00	-0.11	0.00	0.29	0.00
	50	0.08	0.00	-0.10	0.00	0.27	-0.00
	51	-0.04	-0.00	-0.10	0.00	0.27	0.00
	52	-0.00	0.18	-0.10	0.00	0.27	-0.00
	53	0.01	-0.22	-0.10	0.00	0.27	0.00
	54	0.00	0.00	-0.10	0.00	0.27	0.00
	55	3.11	0.24	-0.10	0.00	0.27	0.01
	56	3.05	0.22	-0.10	0.00	0.27	-0.00
	57	3.20	-1.70	-0.10	0.00	0.27	0.02
	58	3.14	-1.71	-0.10	0.00	0.27	0.01
	59	2.50	2.26	-0.10	0.00	0.27	-0.02
	60	2.44	2.24	-0.10	0.00	0.27	-0.03
	61	2.59	0.32	-0.10	0.00	0.27	-0.01
	62	2.52	0.31	-0.10	0.00	0.27	-0.02
	63	-2.52	-0.31	-0.10	0.00	0.27	0.02
	64	-2.59	-0.32	-0.10	0.00	0.27	0.01
	65	-2.44	-2.24	-0.10	0.00	0.27	0.03
	66	-2.50	-2.26	-0.10	0.00	0.27	0.02
	67	-3.14	1.71	-0.10	0.00	0.27	-0.01
	68	-3.20	1.70	-0.10	0.00	0.27	-0.02
	69	-3.05	-0.22	-0.10	0.00	0.27	0.00
	70	-3.11	-0.24	-0.10	0.00	0.27	-0.01
	71	0.90	3.04	-0.10	0.00	0.27	-0.01
	72	0.71	3.64	-0.10	0.00	0.27	-0.01
	73	-0.80	2.87	-0.10	0.00	0.27	-0.00
	74	-0.98	3.48	-0.10	0.00	0.27	-0.01
	75	0.69	2.98	-0.10	0.00	0.27	-0.03
	76	0.50	3.59	-0.10	0.00	0.27	-0.04
	77	-1.00	2.82	-0.10	0.00	0.27	-0.03
	78	-1.19	3.42	-0.10	0.00	0.27	-0.04
	79	1.19	-3.42	-0.10	0.00	0.27	0.04
	80	1.00	-2.82	-0.10	0.00	0.27	0.03
	81	-0.50	-3.59	-0.10	0.00	0.27	0.04
	82	-0.69	-2.98	-0.10	0.00	0.27	0.03
	83	0.98	-3.48	-0.10	0.00	0.27	0.01
	84	0.80	-2.87	-0.10	0.00	0.27	0.00
	85	-0.71	-3.64	-0.10	0.00	0.27	0.01
	86	-0.90	-3.04	-0.10	0.00	0.27	0.01
148	1	0.35	0.00	-3.30	0.00	0.12	-0.00
	2	-0.18	-0.00	-3.30	0.00	0.12	0.00
	3	-0.02	0.81	-3.30	0.00	0.12	-0.00
	4	0.04	-0.97	-3.30	0.00	0.12	0.00
	5	0.59	0.00	-2.93	0.00	0.11	-0.00
	6	-0.29	-0.00	-2.93	0.00	0.11	0.00
	7	-0.03	1.36	-2.93	0.00	0.11	-0.00
	8	0.06	-1.61	-2.93	0.00	0.11	0.00
	9	3.77	0.37	-1.90	0.00	0.07	0.01
	10	3.70	0.27	-1.90	0.00	0.07	-0.00
	11	3.88	-1.83	-1.90	0.00	0.07	0.03
	12	3.80	-1.94	-1.90	0.00	0.07	0.02

	13	3.03	2.51	-1.90	0.00	0.07	-0.03
	14	2.95	2.41	-1.90	0.00	0.07	-0.04
	15	3.13	0.31	-1.90	0.00	0.07	-0.01
	16	3.06	0.20	-1.90	0.00	0.07	-0.02
	17	-3.06	-0.20	-1.90	0.00	0.07	0.02
	18	-3.13	-0.31	-1.90	0.00	0.07	0.01
	19	-2.95	-2.41	-1.90	0.00	0.07	0.04
	20	-3.03	-2.51	-1.90	0.00	0.07	0.03
	21	-3.80	1.94	-1.90	0.00	0.07	-0.02
	22	-3.88	1.83	-1.90	0.00	0.07	-0.03
	23	-3.70	-0.27	-1.90	0.00	0.07	0.00
	24	-3.77	-0.37	-1.90	0.00	0.07	-0.01
	25	1.09	3.62	-1.90	0.00	0.07	-0.01
	26	0.86	4.26	-1.90	0.00	0.07	-0.02
	27	-0.96	3.45	-1.90	0.00	0.07	-0.00
	28	-1.19	4.09	-1.92	0.00	0.07	-0.01
	29	0.83	3.26	-1.90	0.00	0.07	-0.04
	30	0.61	3.91	-1.90	0.00	0.07	-0.05
	31	-1.22	3.09	-1.90	0.00	0.07	-0.04
	32	-1.44	3.73	-1.90	0.00	0.07	-0.05
	33	1.44	-3.73	-1.90	0.00	0.07	0.05
	34	1.22	-3.09	-1.90	0.00	0.07	0.04
	35	-0.61	-3.91	-1.90	0.00	0.07	0.05
	36	-0.83	-3.26	-1.90	0.00	0.07	0.04
	37	1.19	-4.09	-1.90	0.00	0.07	0.01
	38	0.96	-3.45	-1.90	0.00	0.07	0.00
	39	-0.86	-4.26	-1.90	0.00	0.07	0.02
	40	-1.09	-3.62	-1.90	0.00	0.07	0.01
	41	0.23	0.00	-2.40	0.00	0.09	-0.00
	42	-0.12	-0.00	-2.40	0.00	0.09	0.00
	43	-0.01	0.54	-2.40	0.00	0.09	-0.00
	44	0.02	-0.64	-2.40	0.00	0.09	0.00
	45	0.39	0.00	-2.15	0.00	0.08	-0.00
	46	-0.20	-0.00	-2.15	0.00	0.08	0.00
	47	-0.02	0.90	-2.15	0.00	0.08	-0.00
	48	0.04	-1.07	-2.15	0.00	0.08	0.00
	49	0.00	0.00	-2.00	0.00	0.08	0.00
	50	0.08	0.00	-1.90	0.00	0.07	-0.00
	51	-0.04	-0.00	-1.90	0.00	0.07	0.00
	52	-0.00	0.18	-1.90	0.00	0.07	-0.00
	53	0.01	-0.21	-1.90	0.00	0.07	0.00
	54	0.00	0.00	-1.90	0.00	0.07	0.00
	55	3.11	0.31	-1.90	0.00	0.07	0.01
	56	3.05	0.22	-1.90	0.00	0.07	-0.00
	57	3.20	-1.51	-1.90	0.00	0.07	0.02
	58	3.14	-1.60	-1.90	0.00	0.07	0.01
	59	2.50	2.07	-1.90	0.00	0.07	-0.02
	60	2.44	1.99	-1.90	0.00	0.07	-0.03
	61	2.59	0.25	-1.92	0.00	0.07	-0.01
	62	2.52	0.17	-1.90	0.00	0.07	-0.02
	63	-2.52	-0.17	-1.90	0.00	0.07	0.02
	64	-2.59	-0.25	-1.90	0.00	0.07	0.01
	65	-2.44	-1.99	-1.90	0.00	0.07	0.03
	66	-2.50	-2.07	-1.90	0.00	0.07	0.02
	67	-3.14	1.60	-1.90	0.00	0.07	-0.01
	68	-3.20	1.51	-1.90	0.00	0.07	-0.02
	69	-3.05	-0.22	-1.90	0.00	0.07	0.00
	70	-3.11	-0.31	-1.90	0.00	0.07	-0.01
	71	0.90	2.98	-1.92	0.00	0.07	-0.01
	72	0.71	3.51	-1.90	0.00	0.07	-0.01
	73	-0.80	2.84	-1.90	0.00	0.07	-0.00
	74	-0.98	3.37	-1.90	0.00	0.07	-0.01
	75	0.69	2.69	-1.90	0.00	0.07	-0.03
	76	0.50	3.22	-1.90	0.00	0.07	-0.04
	77	-1.00	2.55	-1.90	0.00	0.07	-0.03

	78	-1.19	3.08	-1.90	0.00	0.07	-0.04
	79	1.19	-3.08	-1.90	0.00	0.07	0.04
	80	1.00	-2.55	-1.90	0.00	0.07	0.03
	81	-0.50	-3.22	-1.90	0.00	0.07	0.04
	82	-0.69	-2.69	-1.90	0.00	0.07	0.03
	83	0.98	-3.37	-1.90	0.00	0.07	0.01
	84	0.80	-2.84	-1.90	0.00	0.07	0.00
	85	-0.71	-3.51	-1.90	0.00	0.07	0.01
	86	-0.90	-2.98	-1.90	0.00	0.07	0.01
149	1	0.35	0.00	-1.80	0.00	-0.43	-0.00
	2	-0.18	-0.00	-1.80	0.00	-0.43	0.00
	3	-0.02	0.80	-1.80	0.00	-0.43	-0.00
	4	0.04	-0.94	-1.80	0.00	-0.43	0.00
	5	0.59	0.00	-1.60	0.00	-0.38	-0.00
	6	-0.29	-0.00	-1.60	0.00	-0.38	0.00
	7	-0.03	1.33	-1.60	0.00	-0.38	-0.00
	8	0.06	-1.57	-1.60	0.00	-0.38	0.00
	9	3.77	0.46	-1.03	0.00	-0.24	0.01
	10	3.70	0.26	-1.03	0.00	-0.24	-0.00
	11	3.88	-1.61	-1.03	0.00	-0.24	0.03
	12	3.80	-1.80	-1.03	0.00	-0.24	0.02
	13	3.03	2.29	-1.03	0.00	-0.24	-0.03
	14	2.95	2.09	-1.03	0.00	-0.24	-0.04
	15	3.13	0.23	-1.03	0.00	-0.24	-0.01
	16	3.06	0.03	-1.03	0.00	-0.24	-0.02
	17	-3.06	-0.03	-1.03	0.00	-0.24	0.02
	18	-3.13	-0.23	-1.03	0.00	-0.24	0.01
	19	-2.95	-2.09	-1.03	0.00	-0.24	0.04
	20	-3.03	-2.29	-1.03	0.00	-0.24	0.03
	21	-3.80	1.80	-1.03	0.00	-0.24	-0.02
	22	-3.88	1.61	-1.03	0.00	-0.24	-0.03
	23	-3.70	-0.26	-1.03	0.00	-0.24	0.00
	24	-3.77	-0.46	-1.03	0.00	-0.24	-0.01
	25	1.09	3.56	-1.03	0.00	-0.24	-0.01
	26	0.86	4.11	-1.03	0.00	-0.24	-0.02
	27	-0.96	3.41	-1.03	0.00	-0.24	-0.00
	28	-1.19	3.96	-1.04	0.00	-0.25	-0.01
	29	0.83	2.91	-1.03	0.00	-0.24	-0.04
	30	0.61	3.46	-1.03	0.00	-0.24	-0.05
	31	-1.22	2.77	-1.03	0.00	-0.24	-0.04
	32	-1.44	3.32	-1.03	0.00	-0.24	-0.05
	33	1.44	-3.32	-1.03	0.00	-0.24	0.05
	34	1.22	-2.77	-1.03	0.00	-0.24	0.04
	35	-0.61	-3.46	-1.03	0.00	-0.24	0.05
	36	-0.83	-2.91	-1.03	0.00	-0.24	0.04
	37	1.19	-3.96	-1.03	0.00	-0.24	0.01
	38	0.96	-3.41	-1.03	0.00	-0.24	0.00
	39	-0.86	-4.11	-1.03	0.00	-0.24	0.02
	40	-1.09	-3.56	-1.03	0.00	-0.24	0.01
	41	0.23	0.00	-1.31	0.00	-0.31	-0.00
	42	-0.12	-0.00	-1.31	0.00	-0.31	0.00
	43	-0.01	0.53	-1.31	0.00	-0.31	-0.00
	44	0.02	-0.63	-1.31	0.00	-0.31	0.00
	45	0.39	0.00	-1.17	0.00	-0.28	-0.00
	46	-0.20	-0.00	-1.17	0.00	-0.28	0.00
	47	-0.02	0.89	-1.17	0.00	-0.28	-0.00
	48	0.04	-1.05	-1.17	0.00	-0.28	0.00
	49	0.00	0.00	-1.09	0.00	-0.26	0.00
	50	0.08	0.00	-1.03	0.00	-0.24	-0.00
	51	-0.04	-0.00	-1.03	0.00	-0.24	0.00
	52	-0.00	0.18	-1.03	0.00	-0.24	-0.00
	53	0.01	-0.21	-1.03	0.00	-0.24	0.00
	54	0.00	0.00	-1.03	0.00	-0.24	0.00
	55	3.11	0.38	-1.03	0.00	-0.24	0.01
	56	3.05	0.22	-1.03	0.00	-0.24	-0.00

	57	3.20	-1.33	-1.03	0.00	-0.24	0.02
	58	3.14	-1.48	-1.03	0.00	-0.24	0.01
	59	2.50	1.89	-1.03	0.00	-0.24	-0.02
	60	2.44	1.73	-1.03	0.00	-0.24	-0.03
	61	2.59	0.19	-1.04	0.00	-0.25	-0.01
	62	2.52	0.03	-1.03	0.00	-0.24	-0.02
	63	-2.52	-0.03	-1.03	0.00	-0.24	0.02
	64	-2.59	-0.19	-1.03	0.00	-0.24	0.01
	65	-2.44	-1.73	-1.03	0.00	-0.24	0.03
	66	-2.50	-1.89	-1.03	0.00	-0.24	0.02
	67	-3.14	1.48	-1.03	0.00	-0.24	-0.01
	68	-3.20	1.33	-1.03	0.00	-0.24	-0.02
	69	-3.05	-0.22	-1.03	0.00	-0.24	0.00
	70	-3.11	-0.38	-1.03	0.00	-0.24	-0.01
	71	0.90	2.93	-1.04	0.00	-0.25	-0.01
	72	0.71	3.39	-1.03	0.00	-0.24	-0.01
	73	-0.80	2.81	-1.03	0.00	-0.24	-0.00
	74	-0.98	3.27	-1.03	0.00	-0.24	-0.01
	75	0.69	2.40	-1.03	0.00	-0.24	-0.03
	76	0.50	2.86	-1.03	0.00	-0.24	-0.04
	77	-1.00	2.28	-1.03	0.00	-0.24	-0.03
	78	-1.19	2.74	-1.03	0.00	-0.24	-0.04
	79	1.19	-2.74	-1.03	0.00	-0.24	0.04
	80	1.00	-2.28	-1.03	0.00	-0.24	0.03
	81	-0.50	-2.86	-1.03	0.00	-0.24	0.04
	82	-0.69	-2.40	-1.03	0.00	-0.24	0.03
	83	0.98	-3.27	-1.03	0.00	-0.24	0.01
	84	0.80	-2.81	-1.03	0.00	-0.24	0.00
	85	-0.71	-3.39	-1.03	0.00	-0.24	0.01
	86	-0.90	-2.93	-1.03	0.00	-0.24	0.01
150	1	0.35	0.00	-2.67	0.00	0.35	-0.00
	2	-0.18	-0.00	-2.67	0.00	0.35	0.00
	3	-0.02	0.79	-2.67	0.00	0.35	-0.00
	4	0.04	-0.92	-2.67	0.00	0.35	0.00
	5	0.59	0.00	-2.36	0.00	0.31	-0.00
	6	-0.29	-0.00	-2.36	0.00	0.31	0.00
	7	-0.03	1.31	-2.36	0.00	0.31	-0.00
	8	0.06	-1.53	-2.36	0.00	0.31	0.00
	9	3.77	0.54	-1.53	0.00	0.20	0.01
	10	3.70	0.26	-1.53	0.00	0.20	-0.00
	11	3.88	-1.38	-1.53	0.00	0.20	0.03
	12	3.80	-1.66	-1.53	0.00	0.20	0.02
	13	3.03	2.06	-1.53	0.00	0.20	-0.03
	14	2.95	1.78	-1.53	0.00	0.20	-0.04
	15	3.13	0.14	-1.53	0.00	0.20	-0.01
	16	3.06	-0.14	-1.53	0.00	0.20	-0.02
	17	-3.06	0.14	-1.53	0.00	0.20	0.02
	18	-3.13	-0.14	-1.53	0.00	0.20	0.01
	19	-2.95	-1.78	-1.53	0.00	0.20	0.04
	20	-3.03	-2.06	-1.53	0.00	0.20	0.03
	21	-3.80	1.66	-1.53	0.00	0.20	-0.02
	22	-3.88	1.38	-1.53	0.00	0.20	-0.03
	23	-3.70	-0.26	-1.53	0.00	0.20	0.00
	24	-3.77	-0.54	-1.53	0.00	0.20	-0.01
	25	1.09	3.49	-1.53	0.00	0.20	-0.01
	26	0.86	3.95	-1.53	0.00	0.20	-0.02
	27	-0.96	3.37	-1.53	0.00	0.20	-0.00
	28	-1.19	3.83	-1.53	0.00	0.20	-0.01
	29	0.83	2.56	-1.53	0.00	0.20	-0.04
	30	0.61	3.02	-1.53	0.00	0.20	-0.05
	31	-1.22	2.44	-1.53	0.00	0.20	-0.04
	32	-1.44	2.90	-1.53	0.00	0.20	-0.05
	33	1.44	-2.90	-1.53	0.00	0.20	0.05
	34	1.22	-2.44	-1.53	0.00	0.20	0.04
	35	-0.61	-3.02	-1.53	0.00	0.20	0.05

	36	-0.83	-2.56	-1.53	0.00	0.20	0.04
	37	1.19	-3.83	-1.53	0.00	0.20	0.01
	38	0.96	-3.37	-1.53	0.00	0.20	0.00
	39	-0.86	-3.95	-1.53	0.00	0.20	0.02
	40	-1.09	-3.49	-1.53	0.00	0.20	0.01
	41	0.23	0.00	-1.93	0.00	0.25	-0.00
	42	-0.12	-0.00	-1.93	0.00	0.25	0.00
	43	-0.01	0.52	-1.93	0.00	0.25	-0.00
	44	0.02	-0.61	-1.93	0.00	0.25	0.00
	45	0.39	0.00	-1.73	0.00	0.23	-0.00
	46	-0.20	-0.00	-1.73	0.00	0.23	0.00
	47	-0.02	0.87	-1.73	0.00	0.23	-0.00
	48	0.04	-1.02	-1.73	0.00	0.23	0.00
	49	0.00	0.00	-1.61	0.00	0.21	0.00
	50	0.08	0.00	-1.53	0.00	0.20	-0.00
	51	-0.04	-0.00	-1.53	0.00	0.20	0.00
	52	-0.00	0.17	-1.53	0.00	0.20	-0.00
	53	0.01	-0.20	-1.53	0.00	0.20	0.00
	54	0.00	0.00	-1.53	0.00	0.20	0.00
	55	3.11	0.44	-1.53	0.00	0.20	0.01
	56	3.05	0.21	-1.53	0.00	0.20	-0.00
	57	3.20	-1.14	-1.53	0.00	0.20	0.02
	58	3.14	-1.37	-1.53	0.00	0.20	0.01
	59	2.50	1.70	-1.53	0.00	0.20	-0.02
	60	2.44	1.47	-1.53	0.00	0.20	-0.03
	61	2.59	0.12	-1.53	0.00	0.20	-0.01
	62	2.52	-0.11	-1.53	0.00	0.20	-0.02
	63	-2.52	0.11	-1.53	0.00	0.20	0.02
	64	-2.59	-0.12	-1.53	0.00	0.20	0.01
	65	-2.44	-1.47	-1.53	0.00	0.20	0.03
	66	-2.50	-1.70	-1.53	0.00	0.20	0.02
	67	-3.14	1.37	-1.53	0.00	0.20	-0.01
	68	-3.20	1.14	-1.53	0.00	0.20	-0.02
	69	-3.05	-0.21	-1.53	0.00	0.20	0.00
	70	-3.11	-0.44	-1.53	0.00	0.20	-0.01
	71	0.90	2.88	-1.53	0.00	0.20	-0.01
	72	0.71	3.26	-1.53	0.00	0.20	-0.01
	73	-0.80	2.78	-1.53	0.00	0.20	-0.00
	74	-0.98	3.16	-1.53	0.00	0.20	-0.01
	75	0.69	2.12	-1.53	0.00	0.20	-0.03
	76	0.50	2.49	-1.53	0.00	0.20	-0.04
	77	-1.00	2.02	-1.53	0.00	0.20	-0.03
	78	-1.19	2.39	-1.53	0.00	0.20	-0.04
	79	1.19	-2.39	-1.53	0.00	0.20	0.04
	80	1.00	-2.02	-1.53	0.00	0.20	0.03
	81	-0.50	-2.49	-1.53	0.00	0.20	0.04
	82	-0.69	-2.12	-1.53	0.00	0.20	0.03
	83	0.98	-3.16	-1.53	0.00	0.20	0.01
	84	0.80	-2.78	-1.53	0.00	0.20	0.00
	85	-0.71	-3.26	-1.53	0.00	0.20	0.01
	86	-0.90	-2.88	-1.53	0.00	0.20	0.01
151	1	0.35	-0.00	-3.13	0.00	-0.26	-0.00
	2	-0.18	0.00	-3.13	0.00	-0.26	0.00
	3	-0.02	0.77	-3.13	0.00	-0.26	-0.00
	4	0.04	-0.89	-3.13	0.00	-0.26	0.00
	5	0.59	-0.00	-2.77	0.00	-0.23	-0.00
	6	-0.29	0.00	-2.77	0.00	-0.23	0.00
	7	-0.03	1.29	-2.77	0.00	-0.23	-0.00
	8	0.06	-1.49	-2.77	0.00	-0.23	0.00
	9	3.77	0.62	-1.79	0.00	-0.15	0.01
	10	3.70	0.25	-1.79	0.00	-0.15	-0.00
	11	3.88	-1.16	-1.79	0.00	-0.15	0.03
	12	3.80	-1.52	-1.79	0.00	-0.15	0.02
	13	3.03	1.84	-1.79	0.00	-0.15	-0.03
	14	2.95	1.47	-1.79	0.00	-0.15	-0.04

	15	3.13	0.06	-1.79	0.00	-0.15	-0.01
	16	3.06	-0.30	-1.79	0.00	-0.15	-0.02
	17	-3.06	0.30	-1.79	0.00	-0.15	0.02
	18	-3.13	-0.06	-1.79	0.00	-0.15	0.01
	19	-2.95	-1.47	-1.79	0.00	-0.15	0.04
	20	-3.03	-1.84	-1.79	0.00	-0.15	0.03
	21	-3.80	1.52	-1.79	0.00	-0.15	-0.02
	22	-3.88	1.16	-1.79	0.00	-0.15	-0.03
	23	-3.70	-0.25	-1.79	0.00	-0.15	0.00
	24	-3.77	-0.62	-1.79	0.00	-0.15	-0.01
	25	1.09	3.43	-1.79	0.00	-0.15	-0.01
	26	0.86	3.80	-1.79	0.00	-0.15	-0.02
	27	-0.96	3.34	-1.79	0.00	-0.15	-0.00
	28	-1.19	3.70	-1.80	0.00	-0.15	-0.01
	29	0.83	2.21	-1.79	0.00	-0.15	-0.04
	30	0.61	2.58	-1.79	0.00	-0.15	-0.05
	31	-1.22	2.12	-1.79	0.00	-0.15	-0.04
	32	-1.44	2.48	-1.79	0.00	-0.15	-0.05
	33	1.44	-2.48	-1.79	0.00	-0.15	0.05
	34	1.22	-2.12	-1.79	0.00	-0.15	0.04
	35	-0.61	-2.58	-1.79	0.00	-0.15	0.05
	36	-0.83	-2.21	-1.79	0.00	-0.15	0.04
	37	1.19	-3.70	-1.79	0.00	-0.15	0.01
	38	0.96	-3.34	-1.79	0.00	-0.15	0.00
	39	-0.86	-3.80	-1.79	0.00	-0.15	0.02
	40	-1.09	-3.43	-1.79	0.00	-0.15	0.01
	41	0.23	-0.00	-2.27	0.00	-0.19	-0.00
	42	-0.12	0.00	-2.27	0.00	-0.19	0.00
	43	-0.01	0.51	-2.27	0.00	-0.19	-0.00
	44	0.02	-0.59	-2.27	0.00	-0.19	0.00
	45	0.39	-0.00	-2.03	0.00	-0.17	-0.00
	46	-0.20	0.00	-2.03	0.00	-0.17	0.00
	47	-0.02	0.86	-2.03	0.00	-0.17	-0.00
	48	0.04	-0.99	-2.03	0.00	-0.17	0.00
	49	0.00	0.00	-1.89	0.00	-0.16	0.00
	50	0.08	-0.00	-1.79	0.00	-0.15	-0.00
	51	-0.04	0.00	-1.79	0.00	-0.15	0.00
	52	-0.00	0.17	-1.79	0.00	-0.15	-0.00
	53	0.01	-0.20	-1.79	0.00	-0.15	0.00
	54	0.00	0.00	-1.79	0.00	-0.15	0.00
	55	3.11	0.51	-1.79	0.00	-0.15	0.01
	56	3.05	0.21	-1.79	0.00	-0.15	-0.00
	57	3.20	-0.95	-1.79	0.00	-0.15	0.02
	58	3.14	-1.26	-1.79	0.00	-0.15	0.01
	59	2.50	1.52	-1.79	0.00	-0.15	-0.02
	60	2.44	1.21	-1.79	0.00	-0.15	-0.03
	61	2.59	0.05	-1.80	0.00	-0.15	-0.01
	62	2.52	-0.25	-1.79	0.00	-0.15	-0.02
	63	-2.52	0.25	-1.79	0.00	-0.15	0.02
	64	-2.59	-0.05	-1.79	0.00	-0.15	0.01
	65	-2.44	-1.21	-1.79	0.00	-0.15	0.03
	66	-2.50	-1.52	-1.79	0.00	-0.15	0.02
	67	-3.14	1.26	-1.79	0.00	-0.15	-0.01
	68	-3.20	0.95	-1.79	0.00	-0.15	-0.02
	69	-3.05	-0.21	-1.79	0.00	-0.15	0.00
	70	-3.11	-0.51	-1.79	0.00	-0.15	-0.01
	71	0.90	2.83	-1.80	0.00	-0.15	-0.01
	72	0.71	3.13	-1.79	0.00	-0.15	-0.01
	73	-0.80	2.75	-1.79	0.00	-0.15	-0.00
	74	-0.98	3.06	-1.79	0.00	-0.15	-0.01
	75	0.69	1.83	-1.79	0.00	-0.15	-0.03
	76	0.50	2.13	-1.79	0.00	-0.15	-0.04
	77	-1.00	1.75	-1.79	0.00	-0.15	-0.03
	78	-1.19	2.05	-1.79	0.00	-0.15	-0.04
	79	1.19	-2.05	-1.79	0.00	-0.15	0.04

	80	1.00	-1.75	-1.79	0.00	-0.15	0.03
	81	-0.50	-2.13	-1.79	0.00	-0.15	0.04
	82	-0.69	-1.83	-1.79	0.00	-0.15	0.03
	83	0.98	-3.06	-1.79	0.00	-0.15	0.01
	84	0.80	-2.75	-1.79	0.00	-0.15	0.00
	85	-0.71	-3.13	-1.79	0.00	-0.15	0.01
	86	-0.90	-2.83	-1.79	0.00	-0.15	0.01
152	1	0.35	-0.00	-1.07	0.00	0.48	-0.00
	2	-0.18	0.00	-1.07	0.00	0.48	0.00
	3	-0.02	0.76	-1.07	0.00	0.48	-0.00
	4	0.04	-0.87	-1.07	0.00	0.48	0.00
	5	0.59	-0.00	-0.95	0.00	0.43	-0.00
	6	-0.29	0.00	-0.95	0.00	0.43	0.00
	7	-0.03	1.26	-0.95	0.00	0.43	-0.00
	8	0.06	-1.45	-0.95	0.00	0.43	0.00
	9	3.77	0.70	-0.62	0.00	0.28	0.01
	10	3.70	0.25	-0.62	0.00	0.28	-0.00
	11	3.88	-0.93	-0.62	0.00	0.28	0.03
	12	3.80	-1.38	-0.62	0.00	0.28	0.02
	13	3.03	1.61	-0.62	0.00	0.28	-0.03
	14	2.95	1.16	-0.62	0.00	0.28	-0.04
	15	3.13	-0.02	-0.62	0.00	0.28	-0.01
	16	3.06	-0.47	-0.62	0.00	0.28	-0.02
	17	-3.06	0.47	-0.62	0.00	0.28	0.02
	18	-3.13	0.02	-0.62	0.00	0.28	0.01
	19	-2.95	-1.16	-0.62	0.00	0.28	0.04
	20	-3.03	-1.61	-0.62	0.00	0.28	0.03
	21	-3.80	1.38	-0.62	0.00	0.28	-0.02
	22	-3.88	0.93	-0.62	0.00	0.28	-0.03
	23	-3.70	-0.25	-0.62	0.00	0.28	0.00
	24	-3.77	-0.70	-0.62	0.00	0.28	-0.01
	25	1.09	3.37	-0.62	0.00	0.28	-0.01
	26	0.86	3.64	-0.62	0.00	0.28	-0.02
	27	-0.96	3.30	-0.62	0.00	0.28	-0.00
	28	-1.19	3.58	-0.62	0.00	0.28	-0.01
	29	0.83	1.86	-0.62	0.00	0.28	-0.04
	30	0.61	2.14	-0.62	0.00	0.28	-0.05
	31	-1.22	1.80	-0.62	0.00	0.28	-0.04
	32	-1.44	2.07	-0.62	0.00	0.28	-0.05
	33	1.44	-2.07	-0.62	0.00	0.28	0.05
	34	1.22	-1.80	-0.62	0.00	0.28	0.04
	35	-0.61	-2.14	-0.62	0.00	0.28	0.05
	36	-0.83	-1.86	-0.62	0.00	0.28	0.04
	37	1.19	-3.58	-0.62	0.00	0.28	0.01
	38	0.96	-3.30	-0.62	0.00	0.28	0.00
	39	-0.86	-3.64	-0.62	0.00	0.28	0.02
	40	-1.09	-3.37	-0.62	0.00	0.28	0.01
	41	0.23	-0.00	-0.78	0.00	0.35	-0.00
	42	-0.12	0.00	-0.78	0.00	0.35	0.00
	43	-0.01	0.50	-0.78	0.00	0.35	-0.00
	44	0.02	-0.58	-0.78	0.00	0.35	0.00
	45	0.39	-0.00	-0.70	0.00	0.31	-0.00
	46	-0.20	0.00	-0.70	0.00	0.31	0.00
	47	-0.02	0.84	-0.70	0.00	0.31	-0.00
	48	0.04	-0.96	-0.70	0.00	0.31	0.00
	49	0.00	0.00	-0.65	0.00	0.29	0.00
	50	0.08	-0.00	-0.62	0.00	0.28	-0.00
	51	-0.04	0.00	-0.62	0.00	0.28	0.00
	52	-0.00	0.17	-0.62	0.00	0.28	-0.00
	53	0.01	-0.19	-0.62	0.00	0.28	0.00
	54	0.00	0.00	-0.62	0.00	0.28	0.00
	55	3.11	0.58	-0.62	0.00	0.28	0.01
	56	3.05	0.21	-0.62	0.00	0.28	-0.00
	57	3.20	-0.77	-0.62	0.00	0.28	0.02
	58	3.14	-1.14	-0.62	0.00	0.28	0.01

	59	2.50	1.33	-0.62	0.00	0.28	-0.02
	60	2.44	0.96	-0.62	0.00	0.28	-0.03
	61	2.59	-0.02	-0.62	0.00	0.28	-0.01
	62	2.52	-0.39	-0.62	0.00	0.28	-0.02
	63	-2.52	0.39	-0.62	0.00	0.28	0.02
	64	-2.59	0.02	-0.62	0.00	0.28	0.01
	65	-2.44	-0.96	-0.62	0.00	0.28	0.03
	66	-2.50	-1.33	-0.62	0.00	0.28	0.02
	67	-3.14	1.14	-0.62	0.00	0.28	-0.01
	68	-3.20	0.77	-0.62	0.00	0.28	-0.02
	69	-3.05	-0.21	-0.62	0.00	0.28	0.00
	70	-3.11	-0.58	-0.62	0.00	0.28	-0.01
	71	0.90	2.78	-0.62	0.00	0.28	-0.01
	72	0.71	3.01	-0.62	0.00	0.28	-0.01
	73	-0.80	2.72	-0.62	0.00	0.28	-0.00
	74	-0.98	2.95	-0.62	0.00	0.28	-0.01
	75	0.69	1.54	-0.62	0.00	0.28	-0.03
	76	0.50	1.76	-0.62	0.00	0.28	-0.04
	77	-1.00	1.48	-0.62	0.00	0.28	-0.03
	78	-1.19	1.71	-0.62	0.00	0.28	-0.04
	79	1.19	-1.71	-0.62	0.00	0.28	0.04
	80	1.00	-1.48	-0.62	0.00	0.28	0.03
	81	-0.50	-1.76	-0.62	0.00	0.28	0.04
	82	-0.69	-1.54	-0.62	0.00	0.28	0.03
	83	0.98	-2.95	-0.62	0.00	0.28	0.01
	84	0.80	-2.72	-0.62	0.00	0.28	0.00
	85	-0.71	-3.01	-0.62	0.00	0.28	0.01
	86	-0.90	-2.78	-0.62	0.00	0.28	0.01
153	1	0.35	-0.00	-3.51	0.00	-0.01	-0.00
	2	-0.18	0.00	-3.51	0.00	-0.01	0.00
	3	-0.02	0.74	-3.51	0.00	-0.01	-0.00
	4	0.04	-0.84	-3.51	0.00	-0.01	0.00
	5	0.59	-0.01	-3.11	0.00	-0.01	-0.00
	6	-0.29	0.00	-3.11	0.00	-0.01	0.00
	7	-0.03	1.24	-3.11	0.00	-0.01	-0.00
	8	0.06	-1.41	-3.11	0.00	-0.01	0.00
	9	3.77	0.78	-2.01	0.00	-0.00	0.01
	10	3.70	0.24	-2.01	0.00	-0.00	-0.00
	11	3.88	-0.71	-2.01	0.00	-0.00	0.03
	12	3.80	-1.24	-2.01	0.00	-0.00	0.02
	13	3.03	1.39	-2.01	0.00	-0.00	-0.03
	14	2.95	0.85	-2.01	0.00	-0.00	-0.04
	15	3.13	-0.10	-2.01	0.00	-0.00	-0.01
	16	3.06	-0.64	-2.01	0.00	-0.00	-0.02
	17	-3.06	0.64	-2.01	0.00	-0.00	0.02
	18	-3.13	0.10	-2.01	0.00	-0.00	0.01
	19	-2.95	-0.85	-2.01	0.00	-0.00	0.04
	20	-3.03	-1.39	-2.01	0.00	-0.00	0.03
	21	-3.80	1.24	-2.01	0.00	-0.00	-0.02
	22	-3.88	0.71	-2.01	0.00	-0.00	-0.03
	23	-3.70	-0.24	-2.01	0.00	-0.00	0.00
	24	-3.77	-0.78	-2.01	0.00	-0.00	-0.01
	25	1.09	3.31	-2.01	0.00	-0.00	-0.01
	26	0.86	3.49	-2.01	0.00	-0.00	-0.02
	27	-0.96	3.27	-2.01	0.00	-0.00	-0.00
	28	-1.19	3.45	-2.03	0.00	-0.00	-0.01
	29	0.83	1.51	-2.01	0.00	-0.00	-0.04
	30	0.61	1.69	-2.01	0.00	-0.00	-0.05
	31	-1.22	1.47	-2.01	0.00	-0.00	-0.04
	32	-1.44	1.65	-2.01	0.00	-0.00	-0.05
	33	1.44	-1.65	-2.01	0.00	-0.00	0.05
	34	1.22	-1.47	-2.01	0.00	-0.00	0.04
	35	-0.61	-1.69	-2.01	0.00	-0.00	0.05
	36	-0.83	-1.51	-2.01	0.00	-0.00	0.04
	37	1.19	-3.45	-2.01	0.00	-0.00	0.01

	38	0.96	-3.27	-2.01	0.00	-0.00	0.00
	39	-0.86	-3.49	-2.01	0.00	-0.00	0.02
	40	-1.09	-3.31	-2.01	0.00	-0.00	0.01
	41	0.23	-0.00	-2.54	0.00	-0.01	-0.00
	42	-0.12	0.00	-2.54	0.00	-0.01	0.00
	43	-0.01	0.50	-2.54	0.00	-0.01	-0.00
	44	0.02	-0.56	-2.54	0.00	-0.01	0.00
	45	0.39	-0.00	-2.28	0.00	-0.00	-0.00
	46	-0.20	0.00	-2.28	0.00	-0.00	0.00
	47	-0.02	0.83	-2.28	0.00	-0.00	-0.00
	48	0.04	-0.94	-2.28	0.00	-0.00	0.00
	49	0.00	0.00	-2.12	0.00	-0.00	0.00
	50	0.08	-0.00	-2.01	0.00	-0.00	-0.00
	51	-0.04	0.00	-2.01	0.00	-0.00	0.00
	52	-0.00	0.17	-2.01	0.00	-0.00	-0.00
	53	0.01	-0.19	-2.01	0.00	-0.00	0.00
	54	0.00	0.00	-2.01	0.00	-0.00	0.00
	55	3.11	0.65	-2.01	0.00	-0.00	0.01
	56	3.05	0.20	-2.01	0.00	-0.00	-0.00
	57	3.20	-0.58	-2.01	0.00	-0.00	0.02
	58	3.14	-1.03	-2.01	0.00	-0.00	0.01
	59	2.50	1.14	-2.01	0.00	-0.00	-0.02
	60	2.44	0.70	-2.01	0.00	-0.00	-0.03
	61	2.59	-0.09	-2.03	0.00	-0.00	-0.01
	62	2.52	-0.53	-2.01	0.00	-0.00	-0.02
	63	-2.52	0.53	-2.01	0.00	-0.00	0.02
	64	-2.59	0.09	-2.01	0.00	-0.00	0.01
	65	-2.44	-0.70	-2.01	0.00	-0.00	0.03
	66	-2.50	-1.14	-2.01	0.00	-0.00	0.02
	67	-3.14	1.03	-2.01	0.00	-0.00	-0.01
	68	-3.20	0.58	-2.01	0.00	-0.00	-0.02
	69	-3.05	-0.20	-2.01	0.00	-0.00	0.00
	70	-3.11	-0.65	-2.01	0.00	-0.00	-0.01
	71	0.90	2.73	-2.03	0.00	-0.00	-0.01
	72	0.71	2.88	-2.01	0.00	-0.00	-0.01
	73	-0.80	2.70	-2.01	0.00	-0.00	-0.00
	74	-0.98	2.84	-2.01	0.00	-0.00	-0.01
	75	0.69	1.25	-2.01	0.00	-0.00	-0.03
	76	0.50	1.40	-2.01	0.00	-0.00	-0.04
	77	-1.00	1.21	-2.01	0.00	-0.00	-0.03
	78	-1.19	1.36	-2.01	0.00	-0.00	-0.04
	79	1.19	-1.36	-2.01	0.00	-0.00	0.04
	80	1.00	-1.21	-2.01	0.00	-0.00	0.03
	81	-0.50	-1.40	-2.01	0.00	-0.00	0.04
	82	-0.69	-1.25	-2.01	0.00	-0.00	0.03
	83	0.98	-2.84	-2.01	0.00	-0.00	0.01
	84	0.80	-2.70	-2.01	0.00	-0.00	0.00
	85	-0.71	-2.88	-2.01	0.00	-0.00	0.01
	86	-0.90	-2.73	-2.01	0.00	-0.00	0.01
154	1	0.35	-0.01	-0.98	0.00	-0.49	-0.00
	2	-0.18	0.00	-0.98	0.00	-0.49	0.00
	3	-0.02	0.73	-0.98	0.00	-0.49	-0.00
	4	0.04	-0.82	-0.98	0.00	-0.49	0.00
	5	0.59	-0.01	-0.87	0.00	-0.43	-0.00
	6	-0.29	0.00	-0.87	0.00	-0.43	0.00
	7	-0.03	1.21	-0.87	0.00	-0.43	-0.00
	8	0.06	-1.36	-0.87	0.00	-0.43	0.00
	9	3.77	0.87	-0.56	0.00	-0.28	0.01
	10	3.70	0.24	-0.56	0.00	-0.28	-0.00
	11	3.88	-0.48	-0.56	0.00	-0.28	0.03
	12	3.80	-1.10	-0.56	0.00	-0.28	0.02
	13	3.03	1.16	-0.56	0.00	-0.28	-0.03
	14	2.95	0.53	-0.56	0.00	-0.28	-0.04
	15	3.13	-0.19	-0.56	0.00	-0.28	-0.01
	16	3.06	-0.81	-0.56	0.00	-0.28	-0.02

	17	-3.06	0.81	-0.56	0.00	-0.28	0.02
	18	-3.13	0.19	-0.56	0.00	-0.28	0.01
	19	-2.95	-0.53	-0.56	0.00	-0.28	0.04
	20	-3.03	-1.16	-0.56	0.00	-0.28	0.03
	21	-3.80	1.10	-0.56	0.00	-0.28	-0.02
	22	-3.88	0.48	-0.56	0.00	-0.28	-0.03
	23	-3.70	-0.24	-0.56	0.00	-0.28	0.00
	24	-3.77	-0.87	-0.56	0.00	-0.28	-0.01
	25	1.09	3.25	-0.56	0.00	-0.28	-0.01
	26	0.86	3.34	-0.56	0.00	-0.28	-0.02
	27	-0.96	3.23	-0.56	0.00	-0.28	-0.00
	28	-1.19	3.32	-0.57	0.00	-0.28	-0.01
	29	0.83	1.16	-0.56	0.00	-0.28	-0.04
	30	0.61	1.25	-0.56	0.00	-0.28	-0.05
	31	-1.22	1.15	-0.56	0.00	-0.28	-0.04
	32	-1.44	1.24	-0.56	0.00	-0.28	-0.05
	33	1.44	-1.24	-0.56	0.00	-0.28	0.05
	34	1.22	-1.15	-0.56	0.00	-0.28	0.04
	35	-0.61	-1.25	-0.56	0.00	-0.28	0.05
	36	-0.83	-1.16	-0.56	0.00	-0.28	0.04
	37	1.19	-3.32	-0.56	0.00	-0.28	0.01
	38	0.96	-3.23	-0.56	0.00	-0.28	0.00
	39	-0.86	-3.34	-0.56	0.00	-0.28	0.02
	40	-1.09	-3.25	-0.56	0.00	-0.28	0.01
	41	0.23	-0.00	-0.71	0.00	-0.35	-0.00
	42	-0.12	0.00	-0.71	0.00	-0.35	0.00
	43	-0.01	0.49	-0.71	0.00	-0.35	-0.00
	44	0.02	-0.55	-0.71	0.00	-0.35	0.00
	45	0.39	-0.01	-0.64	0.00	-0.32	-0.00
	46	-0.20	0.00	-0.64	0.00	-0.32	0.00
	47	-0.02	0.81	-0.64	0.00	-0.32	-0.00
	48	0.04	-0.91	-0.64	0.00	-0.32	0.00
	49	0.00	0.00	-0.59	0.00	-0.29	0.00
	50	0.08	-0.00	-0.56	0.00	-0.28	-0.00
	51	-0.04	0.00	-0.56	0.00	-0.28	0.00
	52	-0.00	0.16	-0.56	0.00	-0.28	-0.00
	53	0.01	-0.18	-0.56	0.00	-0.28	0.00
	54	0.00	0.00	-0.56	0.00	-0.28	0.00
	55	3.11	0.71	-0.56	0.00	-0.28	0.01
	56	3.05	0.20	-0.56	0.00	-0.28	-0.00
	57	3.20	-0.40	-0.56	0.00	-0.28	0.02
	58	3.14	-0.91	-0.56	0.00	-0.28	0.01
	59	2.50	0.96	-0.56	0.00	-0.28	-0.02
	60	2.44	0.44	-0.56	0.00	-0.28	-0.03
	61	2.59	-0.15	-0.57	0.00	-0.28	-0.01
	62	2.52	-0.67	-0.56	0.00	-0.28	-0.02
	63	-2.52	0.67	-0.56	0.00	-0.28	0.02
	64	-2.59	0.15	-0.56	0.00	-0.28	0.01
	65	-2.44	-0.44	-0.56	0.00	-0.28	0.03
	66	-2.50	-0.96	-0.56	0.00	-0.28	0.02
	67	-3.14	0.91	-0.56	0.00	-0.28	-0.01
	68	-3.20	0.40	-0.56	0.00	-0.28	-0.02
	69	-3.05	-0.20	-0.56	0.00	-0.28	0.00
	70	-3.11	-0.71	-0.56	0.00	-0.28	-0.01
	71	0.90	2.68	-0.57	0.00	-0.28	-0.01
	72	0.71	2.75	-0.56	0.00	-0.28	-0.01
	73	-0.80	2.67	-0.56	0.00	-0.28	-0.00
	74	-0.98	2.74	-0.56	0.00	-0.28	-0.01
	75	0.69	0.96	-0.56	0.00	-0.28	-0.03
	76	0.50	1.03	-0.56	0.00	-0.28	-0.04
	77	-1.00	0.95	-0.56	0.00	-0.28	-0.03
	78	-1.19	1.02	-0.56	0.00	-0.28	-0.04
	79	1.19	-1.02	-0.56	0.00	-0.28	0.04
	80	1.00	-0.95	-0.56	0.00	-0.28	0.03
	81	-0.50	-1.03	-0.56	0.00	-0.28	0.04

	82	-0.69	-0.96	-0.56	0.00	-0.28	0.03
	83	0.98	-2.74	-0.56	0.00	-0.28	0.01
	84	0.80	-2.67	-0.56	0.00	-0.28	0.00
	85	-0.71	-2.75	-0.56	0.00	-0.28	0.01
	86	-0.90	-2.68	-0.56	0.00	-0.28	0.01
155	1	0.35	-0.01	-2.79	0.00	0.21	-0.00
	2	-0.18	0.00	-2.79	0.00	0.21	0.00
	3	-0.02	0.71	-2.79	0.00	0.21	-0.00
	4	0.04	-0.79	-2.79	0.00	0.21	0.00
	5	0.59	-0.01	-2.51	0.00	0.19	-0.00
	6	-0.29	0.01	-2.51	0.00	0.19	0.00
	7	-0.03	1.19	-2.51	0.00	0.19	-0.00
	8	0.06	-1.32	-2.51	0.00	0.19	0.00
	9	3.77	0.95	-1.65	0.00	0.12	0.01
	10	3.70	0.24	-1.65	0.00	0.12	-0.00
	11	3.88	-0.25	-1.65	0.00	0.12	0.03
	12	3.80	-0.97	-1.65	0.00	0.12	0.02
	13	3.03	0.93	-1.65	0.00	0.12	-0.03
	14	2.95	0.22	-1.65	0.00	0.12	-0.04
	15	3.13	-0.27	-1.65	0.00	0.12	-0.01
	16	3.06	-0.98	-1.65	0.00	0.12	-0.02
	17	-3.06	0.98	-1.65	0.00	0.12	0.02
	18	-3.13	0.27	-1.65	0.00	0.12	0.01
	19	-2.95	-0.22	-1.65	0.00	0.12	0.04
	20	-3.03	-0.93	-1.65	0.00	0.12	0.03
	21	-3.80	0.97	-1.65	0.00	0.12	-0.02
	22	-3.88	0.25	-1.65	0.00	0.12	-0.03
	23	-3.70	-0.24	-1.65	0.00	0.12	0.00
	24	-3.77	-0.95	-1.65	0.00	0.12	-0.01
	25	1.09	3.19	-1.65	0.00	0.12	-0.01
	26	0.86	3.18	-1.65	0.00	0.12	-0.02
	27	-0.96	3.20	-1.65	0.00	0.12	-0.00
	28	-1.19	3.19	-1.66	0.00	0.13	-0.01
	29	0.83	0.81	-1.65	0.00	0.12	-0.04
	30	0.61	0.81	-1.65	0.00	0.12	-0.05
	31	-1.22	0.82	-1.65	0.00	0.12	-0.04
	32	-1.44	0.82	-1.65	0.00	0.12	-0.05
	33	1.44	-0.82	-1.65	0.00	0.12	0.05
	34	1.22	-0.82	-1.65	0.00	0.12	0.04
	35	-0.61	-0.81	-1.65	0.00	0.12	0.05
	36	-0.83	-0.81	-1.65	0.00	0.12	0.04
	37	1.19	-3.19	-1.65	0.00	0.12	0.01
	38	0.96	-3.20	-1.65	0.00	0.12	0.00
	39	-0.86	-3.18	-1.65	0.00	0.12	0.02
	40	-1.09	-3.19	-1.65	0.00	0.12	0.01
	41	0.23	-0.00	-2.04	0.00	0.15	-0.00
	42	-0.12	0.00	-2.04	0.00	0.15	0.00
	43	-0.01	0.48	-2.04	0.00	0.15	-0.00
	44	0.02	-0.53	-2.04	0.00	0.15	0.00
	45	0.39	-0.01	-1.85	0.00	0.14	-0.00
	46	-0.20	0.00	-1.85	0.00	0.14	0.00
	47	-0.02	0.79	-1.85	0.00	0.14	-0.00
	48	0.04	-0.88	-1.85	0.00	0.14	0.00
	49	0.00	0.00	-1.73	0.00	0.13	0.00
	50	0.08	-0.00	-1.65	0.00	0.12	-0.00
	51	-0.04	0.00	-1.65	0.00	0.12	0.00
	52	-0.00	0.16	-1.65	0.00	0.12	-0.00
	53	0.01	-0.18	-1.65	0.00	0.12	0.00
	54	0.00	0.00	-1.65	0.00	0.12	0.00
	55	3.11	0.78	-1.65	0.00	0.12	0.01
	56	3.05	0.19	-1.65	0.00	0.12	-0.00
	57	3.20	-0.21	-1.65	0.00	0.12	0.02
	58	3.14	-0.80	-1.65	0.00	0.12	0.01
	59	2.50	0.77	-1.65	0.00	0.12	-0.02
	60	2.44	0.18	-1.65	0.00	0.12	-0.03

	61	2.59	-0.22	-1.66	0.00	0.13	-0.01
	62	2.52	-0.81	-1.65	0.00	0.12	-0.02
	63	-2.52	0.81	-1.65	0.00	0.12	0.02
	64	-2.59	0.22	-1.65	0.00	0.12	0.01
	65	-2.44	-0.18	-1.65	0.00	0.12	0.03
	66	-2.50	-0.77	-1.65	0.00	0.12	0.02
	67	-3.14	0.80	-1.65	0.00	0.12	-0.01
	68	-3.20	0.21	-1.65	0.00	0.12	-0.02
	69	-3.05	-0.19	-1.65	0.00	0.12	0.00
	70	-3.11	-0.78	-1.65	0.00	0.12	-0.01
	71	0.90	2.63	-1.66	0.00	0.13	-0.01
	72	0.71	2.63	-1.65	0.00	0.12	-0.01
	73	-0.80	2.64	-1.65	0.00	0.12	-0.00
	74	-0.98	2.63	-1.65	0.00	0.12	-0.01
	75	0.69	0.67	-1.65	0.00	0.12	-0.03
	76	0.50	0.67	-1.65	0.00	0.12	-0.04
	77	-1.00	0.68	-1.65	0.00	0.12	-0.03
	78	-1.19	0.68	-1.65	0.00	0.12	-0.04
	79	1.19	-0.68	-1.65	0.00	0.12	0.04
	80	1.00	-0.68	-1.65	0.00	0.12	0.03
	81	-0.50	-0.67	-1.65	0.00	0.12	0.04
	82	-0.69	-0.67	-1.65	0.00	0.12	0.03
	83	0.98	-2.63	-1.65	0.00	0.12	0.01
	84	0.80	-2.64	-1.65	0.00	0.12	0.00
	85	-0.71	-2.63	-1.65	0.00	0.12	0.01
	86	-0.90	-2.63	-1.65	0.00	0.12	0.01
156	1	0.35	-0.01	-2.20	0.00	-0.32	-0.00
	2	-0.18	0.00	-2.20	0.00	-0.32	0.00
	3	-0.02	0.70	-2.20	0.00	-0.32	-0.00
	4	0.04	-0.77	-2.20	0.00	-0.32	0.00
	5	0.59	-0.01	-1.98	0.00	-0.28	-0.00
	6	-0.29	0.01	-1.98	0.00	-0.28	0.00
	7	-0.03	1.17	-1.98	0.00	-0.28	-0.00
	8	0.06	-1.28	-1.98	0.00	-0.28	0.00
	9	3.77	1.03	-1.32	0.00	-0.19	0.01
	10	3.70	0.23	-1.32	0.00	-0.19	-0.00
	11	3.88	-0.03	-1.32	0.00	-0.19	0.03
	12	3.80	-0.83	-1.32	0.00	-0.19	0.02
	13	3.03	0.71	-1.32	0.00	-0.19	-0.03
	14	2.95	-0.09	-1.32	0.00	-0.19	-0.04
	15	3.13	-0.35	-1.32	0.00	-0.19	-0.01
	16	3.06	-1.15	-1.32	0.00	-0.19	-0.02
	17	-3.06	1.15	-1.32	0.00	-0.19	0.02
	18	-3.13	0.35	-1.32	0.00	-0.19	0.01
	19	-2.95	0.09	-1.32	0.00	-0.19	0.04
	20	-3.03	-0.71	-1.32	0.00	-0.19	0.03
	21	-3.80	0.83	-1.32	0.00	-0.19	-0.02
	22	-3.88	0.03	-1.32	0.00	-0.19	-0.03
	23	-3.70	-0.23	-1.32	0.00	-0.19	0.00
	24	-3.77	-1.03	-1.32	0.00	-0.19	-0.01
	25	1.09	3.12	-1.32	0.00	-0.19	-0.01
	26	0.86	3.03	-1.32	0.00	-0.19	-0.02
	27	-0.96	3.16	-1.32	0.00	-0.19	-0.00
	28	-1.19	3.06	-1.32	0.00	-0.19	-0.01
	29	0.83	0.47	-1.32	0.00	-0.19	-0.04
	30	0.61	0.37	-1.32	0.00	-0.19	-0.05
	31	-1.22	0.50	-1.32	0.00	-0.19	-0.04
	32	-1.44	0.40	-1.32	0.00	-0.19	-0.05
	33	1.44	-0.40	-1.32	0.00	-0.19	0.05
	34	1.22	-0.50	-1.32	0.00	-0.19	0.04
	35	-0.61	-0.37	-1.32	0.00	-0.19	0.05
	36	-0.83	-0.47	-1.32	0.00	-0.19	0.04
	37	1.19	-3.06	-1.32	0.00	-0.19	0.01
	38	0.96	-3.16	-1.32	0.00	-0.19	0.00
	39	-0.86	-3.03	-1.32	0.00	-0.19	0.02

	40	-1.09	-3.12	-1.32	0.00	-0.19	0.01
	41	0.23	-0.01	-1.61	0.00	-0.23	-0.00
	42	-0.12	0.00	-1.61	0.00	-0.23	0.00
	43	-0.01	0.47	-1.61	0.00	-0.23	-0.00
	44	0.02	-0.51	-1.61	0.00	-0.23	0.00
	45	0.39	-0.01	-1.46	0.00	-0.21	-0.00
	46	-0.20	0.00	-1.46	0.00	-0.21	0.00
	47	-0.02	0.78	-1.46	0.00	-0.21	-0.00
	48	0.04	-0.85	-1.46	0.00	-0.21	0.00
	49	0.00	0.00	-1.37	0.00	-0.20	0.00
	50	0.08	-0.00	-1.32	0.00	-0.19	-0.00
	51	-0.04	0.00	-1.32	0.00	-0.19	0.00
	52	-0.00	0.16	-1.32	0.00	-0.19	-0.00
	53	0.01	-0.17	-1.32	0.00	-0.19	0.00
	54	0.00	0.00	-1.32	0.00	-0.19	0.00
	55	3.11	0.85	-1.32	0.00	-0.19	0.01
	56	3.05	0.19	-1.32	0.00	-0.19	-0.00
	57	3.20	-0.02	-1.32	0.00	-0.19	0.02
	58	3.14	-0.68	-1.32	0.00	-0.19	0.01
	59	2.50	0.58	-1.32	0.00	-0.19	-0.02
	60	2.44	-0.07	-1.32	0.00	-0.19	-0.03
	61	2.59	-0.29	-1.32	0.00	-0.19	-0.01
	62	2.52	-0.95	-1.32	0.00	-0.19	-0.02
	63	-2.52	0.95	-1.32	0.00	-0.19	0.02
	64	-2.59	0.29	-1.32	0.00	-0.19	0.01
	65	-2.44	0.07	-1.32	0.00	-0.19	0.03
	66	-2.50	-0.58	-1.32	0.00	-0.19	0.02
	67	-3.14	0.68	-1.32	0.00	-0.19	-0.01
	68	-3.20	0.02	-1.32	0.00	-0.19	-0.02
	69	-3.05	-0.19	-1.32	0.00	-0.19	0.00
	70	-3.11	-0.85	-1.32	0.00	-0.19	-0.01
	71	0.90	2.58	-1.32	0.00	-0.19	-0.01
	72	0.71	2.50	-1.32	0.00	-0.19	-0.01
	73	-0.80	2.61	-1.32	0.00	-0.19	-0.00
	74	-0.98	2.53	-1.32	0.00	-0.19	-0.01
	75	0.69	0.38	-1.32	0.00	-0.19	-0.03
	76	0.50	0.30	-1.32	0.00	-0.19	-0.04
	77	-1.00	0.41	-1.32	0.00	-0.19	-0.03
	78	-1.19	0.33	-1.32	0.00	-0.19	-0.04
	79	1.19	-0.33	-1.32	0.00	-0.19	0.04
	80	1.00	-0.41	-1.32	0.00	-0.19	0.03
	81	-0.50	-0.30	-1.32	0.00	-0.19	0.04
	82	-0.69	-0.38	-1.32	0.00	-0.19	0.03
	83	0.98	-2.53	-1.32	0.00	-0.19	0.01
	84	0.80	-2.61	-1.32	0.00	-0.19	0.00
	85	-0.71	-2.50	-1.32	0.00	-0.19	0.01
	86	-0.90	-2.58	-1.32	0.00	-0.19	0.01
157	1	0.36	0.01	-2.59	0.00	0.21	-0.00
	2	-0.18	-0.01	-2.59	0.00	0.21	0.00
	3	0.03	0.88	-2.59	0.00	0.21	-0.00
	4	-0.04	-1.09	-2.59	0.00	0.21	0.00
	5	0.59	0.02	-2.34	0.00	0.19	-0.00
	6	-0.30	-0.01	-2.34	0.00	0.19	0.00
	7	0.04	1.47	-2.34	0.00	0.19	-0.00
	8	-0.07	-1.82	-2.34	0.00	0.19	0.00
	9	3.50	-0.04	-1.56	0.00	0.13	0.01
	10	3.71	0.29	-1.56	0.00	0.13	-0.00
	11	3.15	-2.96	-1.56	0.00	0.13	0.03
	12	3.35	-2.63	-1.56	0.00	0.13	0.02
	13	3.76	3.64	-1.56	0.00	0.13	-0.03
	14	3.97	3.97	-1.56	0.00	0.13	-0.04
	15	3.40	0.72	-1.56	0.00	0.13	-0.01
	16	3.61	1.05	-1.56	0.00	0.13	-0.02
	17	-3.61	-1.05	-1.56	0.00	0.13	0.02
	18	-3.40	-0.72	-1.56	0.00	0.13	0.01

	19	-3.97	-3.97	-1.56	0.00	0.13	0.04
	20	-3.76	-3.64	-1.56	0.00	0.13	0.03
	21	-3.35	2.63	-1.56	0.00	0.13	-0.02
	22	-3.15	2.96	-1.56	0.00	0.13	-0.03
	23	-3.71	-0.29	-1.56	0.00	0.13	0.00
	24	-3.50	0.04	-1.56	0.00	0.13	-0.01
	25	1.29	3.93	-1.56	0.00	0.13	-0.01
	26	1.36	5.03	-1.56	0.00	0.13	-0.02
	27	-0.85	3.62	-1.56	0.00	0.13	-0.00
	28	-0.77	4.73	-1.59	0.00	0.13	-0.01
	29	1.97	5.01	-1.56	0.00	0.13	-0.04
	30	2.05	6.12	-1.56	0.00	0.13	-0.05
	31	-0.16	4.71	-1.56	0.00	0.13	-0.04
	32	-0.09	5.81	-1.56	0.00	0.13	-0.05
	33	0.09	-5.81	-1.56	0.00	0.13	0.05
	34	0.16	-4.71	-1.56	0.00	0.13	0.04
	35	-2.05	-6.12	-1.56	0.00	0.13	0.05
	36	-1.97	-5.01	-1.56	0.00	0.13	0.04
	37	0.77	-4.73	-1.56	0.00	0.13	0.01
	38	0.85	-3.62	-1.56	0.00	0.13	0.00
	39	-1.36	-5.03	-1.56	0.00	0.13	0.02
	40	-1.29	-3.93	-1.56	0.00	0.13	0.01
	41	0.24	0.01	-1.90	0.00	0.16	-0.00
	42	-0.12	-0.00	-1.90	0.00	0.16	0.00
	43	0.02	0.59	-1.90	0.00	0.16	-0.00
	44	-0.03	-0.73	-1.90	0.00	0.16	0.00
	45	0.40	0.01	-1.73	0.00	0.14	-0.00
	46	-0.20	-0.01	-1.73	0.00	0.14	0.00
	47	0.03	0.98	-1.73	0.00	0.14	-0.00
	48	-0.05	-1.21	-1.73	0.00	0.14	0.00
	49	0.00	0.00	-1.63	0.00	0.13	0.00
	50	0.08	0.00	-1.56	0.00	0.13	-0.00
	51	-0.04	-0.00	-1.56	0.00	0.13	0.00
	52	0.01	0.20	-1.56	0.00	0.13	-0.00
	53	-0.01	-0.24	-1.56	0.00	0.13	0.00
	54	0.00	0.00	-1.56	0.00	0.13	0.00
	55	2.89	-0.03	-1.56	0.00	0.13	0.01
	56	3.06	0.24	-1.56	0.00	0.13	-0.00
	57	2.60	-2.44	-1.56	0.00	0.13	0.02
	58	2.76	-2.17	-1.56	0.00	0.13	0.01
	59	3.10	3.00	-1.56	0.00	0.13	-0.02
	60	3.27	3.27	-1.56	0.00	0.13	-0.03
	61	2.81	0.59	-1.59	0.00	0.13	-0.01
	62	2.98	0.86	-1.56	0.00	0.13	-0.02
	63	-2.98	-0.86	-1.56	0.00	0.13	0.02
	64	-2.81	-0.59	-1.56	0.00	0.13	0.01
	65	-3.27	-3.27	-1.56	0.00	0.13	0.03
	66	-3.10	-3.00	-1.56	0.00	0.13	0.02
	67	-2.76	2.17	-1.56	0.00	0.13	-0.01
	68	-2.60	2.44	-1.56	0.00	0.13	-0.02
	69	-3.06	-0.24	-1.56	0.00	0.13	0.00
	70	-2.89	0.03	-1.56	0.00	0.13	-0.01
	71	1.06	3.24	-1.59	0.00	0.13	-0.01
	72	1.12	4.15	-1.56	0.00	0.13	-0.01
	73	-0.70	2.99	-1.56	0.00	0.13	-0.00
	74	-0.64	3.90	-1.56	0.00	0.13	-0.01
	75	1.62	4.13	-1.56	0.00	0.13	-0.03
	76	1.69	5.05	-1.56	0.00	0.13	-0.04
	77	-0.14	3.89	-1.56	0.00	0.13	-0.03
	78	-0.07	4.80	-1.56	0.00	0.13	-0.04
	79	0.07	-4.80	-1.56	0.00	0.13	0.04
	80	0.14	-3.89	-1.56	0.00	0.13	0.03
	81	-1.69	-5.05	-1.56	0.00	0.13	0.04
	82	-1.62	-4.13	-1.56	0.00	0.13	0.03
	83	0.64	-3.90	-1.56	0.00	0.13	0.01

	84	0.70	-2.99	-1.56	0.00	0.13	0.00
	85	-1.12	-4.15	-1.56	0.00	0.13	0.01
	86	-1.06	-3.24	-1.56	0.00	0.13	0.01
158	1	0.36	0.01	-2.23	0.00	-0.30	-0.00
	2	-0.18	-0.00	-2.23	0.00	-0.30	0.00
	3	0.03	0.87	-2.23	0.00	-0.30	-0.00
	4	-0.04	-1.07	-2.23	0.00	-0.30	0.00
	5	0.59	0.01	-2.00	0.00	-0.27	-0.00
	6	-0.30	-0.01	-2.00	0.00	-0.27	0.00
	7	0.04	1.45	-2.00	0.00	-0.27	-0.00
	8	-0.07	-1.78	-2.00	0.00	-0.27	0.00
	9	3.50	0.04	-1.33	0.00	-0.18	0.01
	10	3.71	0.28	-1.33	0.00	-0.18	-0.00
	11	3.15	-2.73	-1.33	0.00	-0.18	0.03
	12	3.35	-2.49	-1.33	0.00	-0.18	0.02
	13	3.76	3.42	-1.33	0.00	-0.18	-0.03
	14	3.97	3.66	-1.33	0.00	-0.18	-0.04
	15	3.40	0.64	-1.33	0.00	-0.18	-0.01
	16	3.61	0.88	-1.33	0.00	-0.18	-0.02
	17	-3.61	-0.88	-1.33	0.00	-0.18	0.02
	18	-3.40	-0.64	-1.33	0.00	-0.18	0.01
	19	-3.97	-3.66	-1.33	0.00	-0.18	0.04
	20	-3.76	-3.42	-1.33	0.00	-0.18	0.03
	21	-3.35	2.49	-1.33	0.00	-0.18	-0.02
	22	-3.15	2.73	-1.33	0.00	-0.18	-0.03
	23	-3.71	-0.28	-1.33	0.00	-0.18	0.00
	24	-3.50	-0.04	-1.33	0.00	-0.18	-0.01
	25	1.29	3.86	-1.33	0.00	-0.18	-0.01
	26	1.36	4.88	-1.33	0.00	-0.18	-0.02
	27	-0.85	3.59	-1.33	0.00	-0.18	-0.00
	28	-0.77	4.60	-1.34	0.00	-0.18	-0.01
	29	1.97	4.66	-1.33	0.00	-0.18	-0.04
	30	2.05	5.67	-1.33	0.00	-0.18	-0.05
	31	-0.16	4.39	-1.33	0.00	-0.18	-0.04
	32	-0.09	5.40	-1.33	0.00	-0.18	-0.05
	33	0.09	-5.40	-1.33	0.00	-0.18	0.05
	34	0.16	-4.39	-1.33	0.00	-0.18	0.04
	35	-2.05	-5.67	-1.33	0.00	-0.18	0.05
	36	-1.97	-4.66	-1.33	0.00	-0.18	0.04
	37	0.77	-4.60	-1.33	0.00	-0.18	0.01
	38	0.85	-3.59	-1.33	0.00	-0.18	0.00
	39	-1.36	-4.88	-1.33	0.00	-0.18	0.02
	40	-1.29	-3.86	-1.33	0.00	-0.18	0.01
	41	0.24	0.01	-1.63	0.00	-0.22	-0.00
	42	-0.12	-0.00	-1.63	0.00	-0.22	0.00
	43	0.02	0.58	-1.63	0.00	-0.22	-0.00
	44	-0.03	-0.71	-1.63	0.00	-0.22	0.00
	45	0.40	0.01	-1.48	0.00	-0.20	-0.00
	46	-0.20	-0.00	-1.48	0.00	-0.20	0.00
	47	0.03	0.97	-1.48	0.00	-0.20	-0.00
	48	-0.05	-1.18	-1.48	0.00	-0.20	0.00
	49	0.00	0.00	-1.39	0.00	-0.19	0.00
	50	0.08	0.00	-1.33	0.00	-0.18	-0.00
	51	-0.04	-0.00	-1.33	0.00	-0.18	0.00
	52	0.01	0.19	-1.33	0.00	-0.18	-0.00
	53	-0.01	-0.24	-1.33	0.00	-0.18	0.00
	54	0.00	0.00	-1.33	0.00	-0.18	0.00
	55	2.89	0.04	-1.33	0.00	-0.18	0.01
	56	3.06	0.23	-1.33	0.00	-0.18	-0.00
	57	2.60	-2.26	-1.33	0.00	-0.18	0.02
	58	2.76	-2.06	-1.33	0.00	-0.18	0.01
	59	3.10	2.82	-1.33	0.00	-0.18	-0.02
	60	3.27	3.02	-1.33	0.00	-0.18	-0.03
	61	2.81	0.53	-1.34	0.00	-0.18	-0.01
	62	2.98	0.72	-1.33	0.00	-0.18	-0.02

	63	-2.98	-0.72	-1.33	0.00	-0.18	0.02
	64	-2.81	-0.53	-1.33	0.00	-0.18	0.01
	65	-3.27	-3.02	-1.33	0.00	-0.18	0.03
	66	-3.10	-2.82	-1.33	0.00	-0.18	0.02
	67	-2.76	2.06	-1.33	0.00	-0.18	-0.01
	68	-2.60	2.26	-1.33	0.00	-0.18	-0.02
	69	-3.06	-0.23	-1.33	0.00	-0.18	0.00
	70	-2.89	-0.04	-1.33	0.00	-0.18	-0.01
	71	1.06	3.19	-1.34	0.00	-0.18	-0.01
	72	1.12	4.02	-1.33	0.00	-0.18	-0.01
	73	-0.70	2.96	-1.33	0.00	-0.18	-0.00
	74	-0.64	3.79	-1.33	0.00	-0.18	-0.01
	75	1.62	3.85	-1.33	0.00	-0.18	-0.03
	76	1.69	4.68	-1.33	0.00	-0.18	-0.04
	77	-0.14	3.62	-1.33	0.00	-0.18	-0.03
	78	-0.07	4.45	-1.33	0.00	-0.18	-0.04
	79	0.07	-4.45	-1.33	0.00	-0.18	0.04
	80	0.14	-3.62	-1.33	0.00	-0.18	0.03
	81	-1.69	-4.68	-1.33	0.00	-0.18	0.04
	82	-1.62	-3.85	-1.33	0.00	-0.18	0.03
	83	0.64	-3.79	-1.33	0.00	-0.18	0.01
	84	0.70	-2.96	-1.33	0.00	-0.18	0.00
	85	-1.12	-4.02	-1.33	0.00	-0.18	0.01
	86	-1.06	-3.19	-1.33	0.00	-0.18	0.01
159	1	0.36	0.01	-1.88	0.00	0.42	-0.00
	2	-0.18	-0.00	-1.88	0.00	0.42	0.00
	3	0.03	0.86	-1.88	0.00	0.42	-0.00
	4	-0.04	-1.04	-1.88	0.00	0.42	0.00
	5	0.59	0.01	-1.66	0.00	0.37	-0.00
	6	-0.30	-0.01	-1.66	0.00	0.37	0.00
	7	0.04	1.43	-1.66	0.00	0.37	-0.00
	8	-0.07	-1.73	-1.66	0.00	0.37	0.00
	9	3.50	0.13	-1.08	0.00	0.24	0.01
	10	3.71	0.28	-1.08	0.00	0.24	-0.00
	11	3.15	-2.51	-1.08	0.00	0.24	0.03
	12	3.35	-2.36	-1.08	0.00	0.24	0.02
	13	3.76	3.19	-1.08	0.00	0.24	-0.03
	14	3.97	3.34	-1.08	0.00	0.24	-0.04
	15	3.40	0.56	-1.08	0.00	0.24	-0.01
	16	3.61	0.71	-1.08	0.00	0.24	-0.02
	17	-3.61	-0.71	-1.08	0.00	0.24	0.02
	18	-3.40	-0.56	-1.08	0.00	0.24	0.01
	19	-3.97	-3.34	-1.08	0.00	0.24	0.04
	20	-3.76	-3.19	-1.08	0.00	0.24	0.03
	21	-3.35	2.36	-1.08	0.00	0.24	-0.02
	22	-3.15	2.51	-1.08	0.00	0.24	-0.03
	23	-3.71	-0.28	-1.08	0.00	0.24	0.00
	24	-3.50	-0.13	-1.08	0.00	0.24	-0.01
	25	1.29	3.80	-1.08	0.00	0.24	-0.01
	26	1.36	4.72	-1.08	0.00	0.24	-0.02
	27	-0.85	3.55	-1.08	0.00	0.24	-0.00
	28	-0.77	4.47	-1.08	0.00	0.24	-0.01
	29	1.97	4.31	-1.08	0.00	0.24	-0.04
	30	2.05	5.23	-1.08	0.00	0.24	-0.05
	31	-0.16	4.06	-1.08	0.00	0.24	-0.04
	32	-0.09	4.98	-1.08	0.00	0.24	-0.05
	33	0.09	-4.98	-1.08	0.00	0.24	0.05
	34	0.16	-4.06	-1.08	0.00	0.24	0.04
	35	-2.05	-5.23	-1.08	0.00	0.24	0.05
	36	-1.97	-4.31	-1.08	0.00	0.24	0.04
	37	0.77	-4.47	-1.08	0.00	0.24	0.01
	38	0.85	-3.55	-1.08	0.00	0.24	0.00
	39	-1.36	-4.72	-1.08	0.00	0.24	0.02
	40	-1.29	-3.80	-1.08	0.00	0.24	0.01
	41	0.24	0.00	-1.36	0.00	0.30	-0.00

	42	-0.12	-0.00	-1.36	0.00	0.30	0.00
	43	0.02	0.57	-1.36	0.00	0.30	-0.00
	44	-0.03	-0.69	-1.36	0.00	0.30	0.00
	45	0.40	0.01	-1.22	0.00	0.27	-0.00
	46	-0.20	-0.00	-1.22	0.00	0.27	0.00
	47	0.03	0.95	-1.22	0.00	0.27	-0.00
	48	-0.05	-1.16	-1.22	0.00	0.27	0.00
	49	0.00	0.00	-1.13	0.00	0.25	0.00
	50	0.08	0.00	-1.08	0.00	0.24	-0.00
	51	-0.04	-0.00	-1.08	0.00	0.24	0.00
	52	0.01	0.19	-1.08	0.00	0.24	-0.00
	53	-0.01	-0.23	-1.08	0.00	0.24	0.00
	54	0.00	0.00	-1.08	0.00	0.24	0.00
	55	2.89	0.10	-1.08	0.00	0.24	0.01
	56	3.06	0.23	-1.08	0.00	0.24	-0.00
	57	2.60	-2.07	-1.08	0.00	0.24	0.02
	58	2.76	-1.94	-1.08	0.00	0.24	0.01
	59	3.10	2.63	-1.08	0.00	0.24	-0.02
	60	3.27	2.76	-1.08	0.00	0.24	-0.03
	61	2.81	0.46	-1.08	0.00	0.24	-0.01
	62	2.98	0.58	-1.08	0.00	0.24	-0.02
	63	-2.98	-0.58	-1.08	0.00	0.24	0.02
	64	-2.81	-0.46	-1.08	0.00	0.24	0.01
	65	-3.27	-2.76	-1.08	0.00	0.24	0.03
	66	-3.10	-2.63	-1.08	0.00	0.24	0.02
	67	-2.76	1.94	-1.08	0.00	0.24	-0.01
	68	-2.60	2.07	-1.08	0.00	0.24	-0.02
	69	-3.06	-0.23	-1.08	0.00	0.24	0.00
	70	-2.89	-0.10	-1.08	0.00	0.24	-0.01
	71	1.06	3.14	-1.08	0.00	0.24	-0.01
	72	1.12	3.90	-1.08	0.00	0.24	-0.01
	73	-0.70	2.93	-1.08	0.00	0.24	-0.00
	74	-0.64	3.69	-1.08	0.00	0.24	-0.01
	75	1.62	3.56	-1.08	0.00	0.24	-0.03
	76	1.69	4.32	-1.08	0.00	0.24	-0.04
	77	-0.14	3.35	-1.08	0.00	0.24	-0.03
	78	-0.07	4.11	-1.08	0.00	0.24	-0.04
	79	0.07	-4.11	-1.08	0.00	0.24	0.04
	80	0.14	-3.35	-1.08	0.00	0.24	0.03
	81	-1.69	-4.32	-1.08	0.00	0.24	0.04
	82	-1.62	-3.56	-1.08	0.00	0.24	0.03
	83	0.64	-3.69	-1.08	0.00	0.24	0.01
	84	0.70	-2.93	-1.08	0.00	0.24	0.00
	85	-1.12	-3.90	-1.08	0.00	0.24	0.01
	86	-1.06	-3.14	-1.08	0.00	0.24	0.01
160	1	0.36	0.01	-3.28	0.00	-0.14	-0.00
	2	-0.18	-0.00	-3.28	0.00	-0.14	0.00
	3	0.03	0.84	-3.28	0.00	-0.14	-0.00
	4	-0.04	-1.02	-3.28	0.00	-0.14	0.00
	5	0.59	0.01	-2.91	0.00	-0.12	-0.00
	6	-0.30	-0.00	-2.91	0.00	-0.12	0.00
	7	0.04	1.40	-2.91	0.00	-0.12	-0.00
	8	-0.07	-1.69	-2.91	0.00	-0.12	0.00
	9	3.50	0.21	-1.89	0.00	-0.08	0.01
	10	3.71	0.28	-1.89	0.00	-0.08	-0.00
	11	3.15	-2.28	-1.89	0.00	-0.08	0.03
	12	3.35	-2.22	-1.89	0.00	-0.08	0.02
	13	3.76	2.96	-1.89	0.00	-0.08	-0.03
	14	3.97	3.03	-1.89	0.00	-0.08	-0.04
	15	3.40	0.47	-1.89	0.00	-0.08	-0.01
	16	3.61	0.54	-1.89	0.00	-0.08	-0.02
	17	-3.61	-0.54	-1.89	0.00	-0.08	0.02
	18	-3.40	-0.47	-1.89	0.00	-0.08	0.01
	19	-3.97	-3.03	-1.89	0.00	-0.08	0.04
	20	-3.76	-2.96	-1.89	0.00	-0.08	0.03

	21	-3.35	2.22	-1.89	0.00	-0.08	-0.02
	22	-3.15	2.28	-1.89	0.00	-0.08	-0.03
	23	-3.71	-0.28	-1.89	0.00	-0.08	0.00
	24	-3.50	-0.21	-1.89	0.00	-0.08	-0.01
	25	1.29	3.74	-1.89	0.00	-0.08	-0.01
	26	1.36	4.57	-1.89	0.00	-0.08	-0.02
	27	-0.85	3.52	-1.89	0.00	-0.08	-0.00
	28	-0.77	4.34	-1.89	0.00	-0.08	-0.01
	29	1.97	3.96	-1.89	0.00	-0.08	-0.04
	30	2.05	4.79	-1.89	0.00	-0.08	-0.05
	31	-0.16	3.74	-1.89	0.00	-0.08	-0.04
	32	-0.09	4.56	-1.89	0.00	-0.08	-0.05
	33	0.09	-4.56	-1.89	0.00	-0.08	0.05
	34	0.16	-3.74	-1.89	0.00	-0.08	0.04
	35	-2.05	-4.79	-1.89	0.00	-0.08	0.05
	36	-1.97	-3.96	-1.89	0.00	-0.08	0.04
	37	0.77	-4.34	-1.89	0.00	-0.08	0.01
	38	0.85	-3.52	-1.89	0.00	-0.08	0.00
	39	-1.36	-4.57	-1.89	0.00	-0.08	0.02
	40	-1.29	-3.74	-1.89	0.00	-0.08	0.01
	41	0.24	0.00	-2.38	0.00	-0.10	-0.00
	42	-0.12	-0.00	-2.38	0.00	-0.10	0.00
	43	0.02	0.56	-2.38	0.00	-0.10	-0.00
	44	-0.03	-0.68	-2.38	0.00	-0.10	0.00
	45	0.40	0.01	-2.14	0.00	-0.09	-0.00
	46	-0.20	-0.00	-2.14	0.00	-0.09	0.00
	47	0.03	0.94	-2.14	0.00	-0.09	-0.00
	48	-0.05	-1.13	-2.14	0.00	-0.09	0.00
	49	0.00	0.00	-1.99	0.00	-0.08	0.00
	50	0.08	0.00	-1.89	0.00	-0.08	-0.00
	51	-0.04	-0.00	-1.89	0.00	-0.08	0.00
	52	0.01	0.19	-1.89	0.00	-0.08	-0.00
	53	-0.01	-0.23	-1.89	0.00	-0.08	0.00
	54	0.00	0.00	-1.89	0.00	-0.08	0.00
	55	2.89	0.17	-1.89	0.00	-0.08	0.01
	56	3.06	0.23	-1.89	0.00	-0.08	-0.00
	57	2.60	-1.88	-1.89	0.00	-0.08	0.02
	58	2.76	-1.83	-1.89	0.00	-0.08	0.01
	59	3.10	2.45	-1.89	0.00	-0.08	-0.02
	60	3.27	2.50	-1.89	0.00	-0.08	-0.03
	61	2.81	0.39	-1.89	0.00	-0.08	-0.01
	62	2.98	0.44	-1.89	0.00	-0.08	-0.02
	63	-2.98	-0.44	-1.89	0.00	-0.08	0.02
	64	-2.81	-0.39	-1.89	0.00	-0.08	0.01
	65	-3.27	-2.50	-1.89	0.00	-0.08	0.03
	66	-3.10	-2.45	-1.89	0.00	-0.08	0.02
	67	-2.76	1.83	-1.89	0.00	-0.08	-0.01
	68	-2.60	1.88	-1.89	0.00	-0.08	-0.02
	69	-3.06	-0.23	-1.89	0.00	-0.08	0.00
	70	-2.89	-0.17	-1.89	0.00	-0.08	-0.01
	71	1.06	3.09	-1.89	0.00	-0.08	-0.01
	72	1.12	3.77	-1.89	0.00	-0.08	-0.01
	73	-0.70	2.90	-1.89	0.00	-0.08	-0.00
	74	-0.64	3.58	-1.89	0.00	-0.08	-0.01
	75	1.62	3.27	-1.89	0.00	-0.08	-0.03
	76	1.69	3.95	-1.89	0.00	-0.08	-0.04
	77	-0.14	3.08	-1.89	0.00	-0.08	-0.03
	78	-0.07	3.77	-1.89	0.00	-0.08	-0.04
	79	0.07	-3.77	-1.89	0.00	-0.08	0.04
	80	0.14	-3.08	-1.89	0.00	-0.08	0.03
	81	-1.69	-3.95	-1.89	0.00	-0.08	0.04
	82	-1.62	-3.27	-1.89	0.00	-0.08	0.03
	83	0.64	-3.58	-1.89	0.00	-0.08	0.01
	84	0.70	-2.90	-1.89	0.00	-0.08	0.00
	85	-1.12	-3.77	-1.89	0.00	-0.08	0.01

	86	-1.06	-3.09	-1.89	0.00	-0.08	0.01
161	1	0.36	0.00	-0.18	0.00	0.47	-0.00
	2	-0.18	-0.00	-0.18	0.00	0.47	0.00
	3	0.03	0.83	-0.18	0.00	0.47	-0.00
	4	-0.04	-0.99	-0.18	0.00	0.47	0.00
	5	0.59	0.01	-0.16	0.00	0.42	-0.00
	6	-0.30	-0.00	-0.16	0.00	0.42	0.00
	7	0.04	1.38	-0.16	0.00	0.42	-0.00
	8	-0.07	-1.65	-0.16	0.00	0.42	0.00
	9	3.50	0.29	-0.10	0.00	0.27	0.01
	10	3.71	0.27	-0.10	0.00	0.27	-0.00
	11	3.15	-2.06	-0.10	0.00	0.27	0.03
	12	3.35	-2.08	-0.10	0.00	0.27	0.02
	13	3.76	2.74	-0.10	0.00	0.27	-0.03
	14	3.97	2.72	-0.10	0.00	0.27	-0.04
	15	3.40	0.39	-0.10	0.00	0.27	-0.01
	16	3.61	0.37	-0.10	0.00	0.27	-0.02
	17	-3.61	-0.37	-0.10	0.00	0.27	0.02
	18	-3.40	-0.39	-0.10	0.00	0.27	0.01
	19	-3.97	-2.72	-0.10	0.00	0.27	0.04
	20	-3.76	-2.74	-0.10	0.00	0.27	0.03
	21	-3.35	2.08	-0.10	0.00	0.27	-0.02
	22	-3.15	2.06	-0.10	0.00	0.27	-0.03
	23	-3.71	-0.27	-0.10	0.00	0.27	0.00
	24	-3.50	-0.29	-0.10	0.00	0.27	-0.01
	25	1.29	3.68	-0.10	0.00	0.27	-0.01
	26	1.36	4.41	-0.10	0.00	0.27	-0.02
	27	-0.85	3.48	-0.10	0.00	0.27	-0.00
	28	-0.77	4.22	-0.10	0.00	0.27	-0.01
	29	1.97	3.61	-0.10	0.00	0.27	-0.04
	30	2.05	4.35	-0.10	0.00	0.27	-0.05
	31	-0.16	3.41	-0.10	0.00	0.27	-0.04
	32	-0.09	4.15	-0.10	0.00	0.27	-0.05
	33	0.09	-4.15	-0.10	0.00	0.27	0.05
	34	0.16	-3.41	-0.10	0.00	0.27	0.04
	35	-2.05	-4.35	-0.10	0.00	0.27	0.05
	36	-1.97	-3.61	-0.10	0.00	0.27	0.04
	37	0.77	-4.22	-0.10	0.00	0.27	0.01
	38	0.85	-3.48	-0.10	0.00	0.27	0.00
	39	-1.36	-4.41	-0.10	0.00	0.27	0.02
	40	-1.29	-3.68	-0.10	0.00	0.27	0.01
	41	0.24	0.00	-0.13	0.00	0.34	-0.00
	42	-0.12	-0.00	-0.13	0.00	0.34	0.00
	43	0.02	0.55	-0.13	0.00	0.34	-0.00
	44	-0.03	-0.66	-0.13	0.00	0.34	0.00
	45	0.40	0.00	-0.11	0.00	0.31	-0.00
	46	-0.20	-0.00	-0.11	0.00	0.31	0.00
	47	0.03	0.92	-0.11	0.00	0.31	-0.00
	48	-0.05	-1.10	-0.11	0.00	0.31	0.00
	49	0.00	0.00	-0.11	0.00	0.29	0.00
	50	0.08	0.00	-0.10	0.00	0.27	-0.00
	51	-0.04	-0.00	-0.10	0.00	0.27	0.00
	52	0.01	0.18	-0.10	0.00	0.27	-0.00
	53	-0.01	-0.22	-0.10	0.00	0.27	0.00
	54	0.00	0.00	-0.10	0.00	0.27	0.00
	55	2.89	0.24	-0.10	0.00	0.27	0.01
	56	3.06	0.22	-0.10	0.00	0.27	-0.00
	57	2.60	-1.70	-0.10	0.00	0.27	0.02
	58	2.76	-1.71	-0.10	0.00	0.27	0.01
	59	3.10	2.26	-0.10	0.00	0.27	-0.02
	60	3.27	2.24	-0.10	0.00	0.27	-0.03
	61	2.81	0.32	-0.10	0.00	0.27	-0.01
	62	2.98	0.31	-0.10	0.00	0.27	-0.02
	63	-2.98	-0.31	-0.10	0.00	0.27	0.02
	64	-2.81	-0.32	-0.10	0.00	0.27	0.01

	65	-3.27	-2.24	-0.10	0.00	0.27	0.03
	66	-3.10	-2.26	-0.10	0.00	0.27	0.02
	67	-2.76	1.71	-0.10	0.00	0.27	-0.01
	68	-2.60	1.70	-0.10	0.00	0.27	-0.02
	69	-3.06	-0.22	-0.10	0.00	0.27	0.00
	70	-2.89	-0.24	-0.10	0.00	0.27	-0.01
	71	1.06	3.04	-0.10	0.00	0.27	-0.01
	72	1.12	3.64	-0.10	0.00	0.27	-0.01
	73	-0.70	2.87	-0.10	0.00	0.27	-0.00
	74	-0.64	3.48	-0.10	0.00	0.27	-0.01
	75	1.62	2.98	-0.10	0.00	0.27	-0.03
	76	1.69	3.59	-0.10	0.00	0.27	-0.04
	77	-0.14	2.82	-0.10	0.00	0.27	-0.03
	78	-0.07	3.42	-0.10	0.00	0.27	-0.04
	79	0.07	-3.42	-0.10	0.00	0.27	0.04
	80	0.14	-2.82	-0.10	0.00	0.27	0.03
	81	-1.69	-3.59	-0.10	0.00	0.27	0.04
	82	-1.62	-2.98	-0.10	0.00	0.27	0.03
	83	0.64	-3.48	-0.10	0.00	0.27	0.01
	84	0.70	-2.87	-0.10	0.00	0.27	0.00
	85	-1.12	-3.64	-0.10	0.00	0.27	0.01
	86	-1.06	-3.04	-0.10	0.00	0.27	0.01
162	1	0.36	0.00	-3.30	0.00	0.12	-0.00
	2	-0.18	-0.00	-3.30	0.00	0.12	0.00
	3	0.03	0.81	-3.30	0.00	0.12	-0.00
	4	-0.04	-0.97	-3.30	0.00	0.12	0.00
	5	0.59	0.00	-2.93	0.00	0.11	-0.00
	6	-0.30	-0.00	-2.93	0.00	0.11	0.00
	7	0.04	1.36	-2.93	0.00	0.11	-0.00
	8	-0.07	-1.61	-2.93	0.00	0.11	0.00
	9	3.50	0.37	-1.90	0.00	0.07	0.01
	10	3.71	0.27	-1.90	0.00	0.07	-0.00
	11	3.15	-1.83	-1.90	0.00	0.07	0.03
	12	3.35	-1.94	-1.90	0.00	0.07	0.02
	13	3.76	2.51	-1.90	0.00	0.07	-0.03
	14	3.97	2.41	-1.90	0.00	0.07	-0.04
	15	3.40	0.31	-1.90	0.00	0.07	-0.01
	16	3.61	0.20	-1.90	0.00	0.07	-0.02
	17	-3.61	-0.20	-1.90	0.00	0.07	0.02
	18	-3.40	-0.31	-1.90	0.00	0.07	0.01
	19	-3.97	-2.41	-1.90	0.00	0.07	0.04
	20	-3.76	-2.51	-1.90	0.00	0.07	0.03
	21	-3.35	1.94	-1.90	0.00	0.07	-0.02
	22	-3.15	1.83	-1.90	0.00	0.07	-0.03
	23	-3.71	-0.27	-1.90	0.00	0.07	0.00
	24	-3.50	-0.37	-1.90	0.00	0.07	-0.01
	25	1.29	3.62	-1.90	0.00	0.07	-0.01
	26	1.36	4.26	-1.90	0.00	0.07	-0.02
	27	-0.85	3.45	-1.90	0.00	0.07	-0.00
	28	-0.77	4.09	-1.92	0.00	0.07	-0.01
	29	1.97	3.26	-1.90	0.00	0.07	-0.04
	30	2.05	3.91	-1.90	0.00	0.07	-0.05
	31	-0.16	3.09	-1.90	0.00	0.07	-0.04
	32	-0.09	3.73	-1.90	0.00	0.07	-0.05
	33	0.09	-3.73	-1.90	0.00	0.07	0.05
	34	0.16	-3.09	-1.90	0.00	0.07	0.04
	35	-2.05	-3.91	-1.90	0.00	0.07	0.05
	36	-1.97	-3.26	-1.90	0.00	0.07	0.04
	37	0.77	-4.09	-1.90	0.00	0.07	0.01
	38	0.85	-3.45	-1.90	0.00	0.07	0.00
	39	-1.36	-4.26	-1.90	0.00	0.07	0.02
	40	-1.29	-3.62	-1.90	0.00	0.07	0.01
	41	0.24	0.00	-2.40	0.00	0.09	-0.00
	42	-0.12	-0.00	-2.40	0.00	0.09	0.00
	43	0.02	0.54	-2.40	0.00	0.09	-0.00

	44	-0.03	-0.64	-2.40	0.00	0.09	0.00
	45	0.40	0.00	-2.15	0.00	0.08	-0.00
	46	-0.20	-0.00	-2.15	0.00	0.08	0.00
	47	0.03	0.90	-2.15	0.00	0.08	-0.00
	48	-0.05	-1.07	-2.15	0.00	0.08	0.00
	49	0.00	0.00	-2.00	0.00	0.08	0.00
	50	0.08	0.00	-1.90	0.00	0.07	-0.00
	51	-0.04	-0.00	-1.90	0.00	0.07	0.00
	52	0.01	0.18	-1.90	0.00	0.07	-0.00
	53	-0.01	-0.21	-1.90	0.00	0.07	0.00
	54	0.00	0.00	-1.90	0.00	0.07	0.00
	55	2.89	0.31	-1.90	0.00	0.07	0.01
	56	3.06	0.22	-1.90	0.00	0.07	-0.00
	57	2.60	-1.51	-1.90	0.00	0.07	0.02
	58	2.76	-1.60	-1.90	0.00	0.07	0.01
	59	3.10	2.07	-1.90	0.00	0.07	-0.02
	60	3.27	1.99	-1.90	0.00	0.07	-0.03
	61	2.81	0.25	-1.92	0.00	0.07	-0.01
	62	2.98	0.17	-1.90	0.00	0.07	-0.02
	63	-2.98	-0.17	-1.90	0.00	0.07	0.02
	64	-2.81	-0.25	-1.90	0.00	0.07	0.01
	65	-3.27	-1.99	-1.90	0.00	0.07	0.03
	66	-3.10	-2.07	-1.90	0.00	0.07	0.02
	67	-2.76	1.60	-1.90	0.00	0.07	-0.01
	68	-2.60	1.51	-1.90	0.00	0.07	-0.02
	69	-3.06	-0.22	-1.90	0.00	0.07	0.00
	70	-2.89	-0.31	-1.90	0.00	0.07	-0.01
	71	1.06	2.98	-1.92	0.00	0.07	-0.01
	72	1.12	3.51	-1.90	0.00	0.07	-0.01
	73	-0.70	2.84	-1.90	0.00	0.07	-0.00
	74	-0.64	3.37	-1.90	0.00	0.07	-0.01
	75	1.62	2.69	-1.90	0.00	0.07	-0.03
	76	1.69	3.22	-1.90	0.00	0.07	-0.04
	77	-0.14	2.55	-1.90	0.00	0.07	-0.03
	78	-0.07	3.08	-1.90	0.00	0.07	-0.04
	79	0.07	-3.08	-1.90	0.00	0.07	0.04
	80	0.14	-2.55	-1.90	0.00	0.07	0.03
	81	-1.69	-3.22	-1.90	0.00	0.07	0.04
	82	-1.62	-2.69	-1.90	0.00	0.07	0.03
	83	0.64	-3.37	-1.90	0.00	0.07	0.01
	84	0.70	-2.84	-1.90	0.00	0.07	0.00
	85	-1.12	-3.51	-1.90	0.00	0.07	0.01
	86	-1.06	-2.98	-1.90	0.00	0.07	0.01
163	1	0.36	0.00	-1.80	0.00	-0.43	-0.00
	2	-0.18	-0.00	-1.80	0.00	-0.43	0.00
	3	0.03	0.80	-1.80	0.00	-0.43	-0.00
	4	-0.04	-0.94	-1.80	0.00	-0.43	0.00
	5	0.59	0.00	-1.60	0.00	-0.38	-0.00
	6	-0.30	-0.00	-1.60	0.00	-0.38	0.00
	7	0.04	1.33	-1.60	0.00	-0.38	-0.00
	8	-0.07	-1.57	-1.60	0.00	-0.38	0.00
	9	3.50	0.46	-1.03	0.00	-0.24	0.01
	10	3.71	0.26	-1.03	0.00	-0.24	-0.00
	11	3.15	-1.61	-1.03	0.00	-0.24	0.03
	12	3.35	-1.80	-1.03	0.00	-0.24	0.02
	13	3.76	2.29	-1.03	0.00	-0.24	-0.03
	14	3.97	2.09	-1.03	0.00	-0.24	-0.04
	15	3.40	0.23	-1.03	0.00	-0.24	-0.01
	16	3.61	0.03	-1.03	0.00	-0.24	-0.02
	17	-3.61	-0.03	-1.03	0.00	-0.24	0.02
	18	-3.40	-0.23	-1.03	0.00	-0.24	0.01
	19	-3.97	-2.09	-1.03	0.00	-0.24	0.04
	20	-3.76	-2.29	-1.03	0.00	-0.24	0.03
	21	-3.35	1.80	-1.03	0.00	-0.24	-0.02
	22	-3.15	1.61	-1.03	0.00	-0.24	-0.03

	23	-3.71	-0.26	-1.03	0.00	-0.24	0.00
	24	-3.50	-0.46	-1.03	0.00	-0.24	-0.01
	25	1.29	3.56	-1.03	0.00	-0.24	-0.01
	26	1.36	4.11	-1.03	0.00	-0.24	-0.02
	27	-0.85	3.41	-1.03	0.00	-0.24	-0.00
	28	-0.77	3.96	-1.04	0.00	-0.25	-0.01
	29	1.97	2.91	-1.03	0.00	-0.24	-0.04
	30	2.05	3.46	-1.03	0.00	-0.24	-0.05
	31	-0.16	2.77	-1.03	0.00	-0.24	-0.04
	32	-0.09	3.32	-1.03	0.00	-0.24	-0.05
	33	0.09	-3.32	-1.03	0.00	-0.24	0.05
	34	0.16	-2.77	-1.03	0.00	-0.24	0.04
	35	-2.05	-3.46	-1.03	0.00	-0.24	0.05
	36	-1.97	-2.91	-1.03	0.00	-0.24	0.04
	37	0.77	-3.96	-1.03	0.00	-0.24	0.01
	38	0.85	-3.41	-1.03	0.00	-0.24	0.00
	39	-1.36	-4.11	-1.03	0.00	-0.24	0.02
	40	-1.29	-3.56	-1.03	0.00	-0.24	0.01
	41	0.24	0.00	-1.31	0.00	-0.31	-0.00
	42	-0.12	-0.00	-1.31	0.00	-0.31	0.00
	43	0.02	0.53	-1.31	0.00	-0.31	-0.00
	44	-0.03	-0.63	-1.31	0.00	-0.31	0.00
	45	0.40	0.00	-1.17	0.00	-0.28	-0.00
	46	-0.20	-0.00	-1.17	0.00	-0.28	0.00
	47	0.03	0.89	-1.17	0.00	-0.28	-0.00
	48	-0.05	-1.05	-1.17	0.00	-0.28	0.00
	49	0.00	0.00	-1.09	0.00	-0.26	0.00
	50	0.08	0.00	-1.03	0.00	-0.24	-0.00
	51	-0.04	-0.00	-1.03	0.00	-0.24	0.00
	52	0.01	0.18	-1.03	0.00	-0.24	-0.00
	53	-0.01	-0.21	-1.03	0.00	-0.24	0.00
	54	0.00	0.00	-1.03	0.00	-0.24	0.00
	55	2.89	0.38	-1.03	0.00	-0.24	0.01
	56	3.06	0.22	-1.03	0.00	-0.24	-0.00
	57	2.60	-1.33	-1.03	0.00	-0.24	0.02
	58	2.76	-1.48	-1.03	0.00	-0.24	0.01
	59	3.10	1.89	-1.03	0.00	-0.24	-0.02
	60	3.27	1.73	-1.03	0.00	-0.24	-0.03
	61	2.81	0.19	-1.04	0.00	-0.25	-0.01
	62	2.98	0.03	-1.03	0.00	-0.24	-0.02
	63	-2.98	-0.03	-1.03	0.00	-0.24	0.02
	64	-2.81	-0.19	-1.03	0.00	-0.24	0.01
	65	-3.27	-1.73	-1.03	0.00	-0.24	0.03
	66	-3.10	-1.89	-1.03	0.00	-0.24	0.02
	67	-2.76	1.48	-1.03	0.00	-0.24	-0.01
	68	-2.60	1.33	-1.03	0.00	-0.24	-0.02
	69	-3.06	-0.22	-1.03	0.00	-0.24	0.00
	70	-2.89	-0.38	-1.03	0.00	-0.24	-0.01
	71	1.06	2.93	-1.04	0.00	-0.25	-0.01
	72	1.12	3.39	-1.03	0.00	-0.24	-0.01
	73	-0.70	2.81	-1.03	0.00	-0.24	-0.00
	74	-0.64	3.27	-1.03	0.00	-0.24	-0.01
	75	1.62	2.40	-1.03	0.00	-0.24	-0.03
	76	1.69	2.86	-1.03	0.00	-0.24	-0.04
	77	-0.14	2.28	-1.03	0.00	-0.24	-0.03
	78	-0.07	2.74	-1.03	0.00	-0.24	-0.04
	79	0.07	-2.74	-1.03	0.00	-0.24	0.04
	80	0.14	-2.28	-1.03	0.00	-0.24	0.03
	81	-1.69	-2.86	-1.03	0.00	-0.24	0.04
	82	-1.62	-2.40	-1.03	0.00	-0.24	0.03
	83	0.64	-3.27	-1.03	0.00	-0.24	0.01
	84	0.70	-2.81	-1.03	0.00	-0.24	0.00
	85	-1.12	-3.39	-1.03	0.00	-0.24	0.01
	86	-1.06	-2.93	-1.03	0.00	-0.24	0.01
164	1	0.36	0.00	-2.67	0.00	0.35	-0.00

	2	-0.18	-0.00	-2.67	0.00	0.35	0.00
	3	0.03	0.79	-2.67	0.00	0.35	-0.00
	4	-0.04	-0.92	-2.67	0.00	0.35	0.00
	5	0.59	0.00	-2.36	0.00	0.31	-0.00
	6	-0.30	-0.00	-2.36	0.00	0.31	0.00
	7	0.04	1.31	-2.36	0.00	0.31	-0.00
	8	-0.07	-1.53	-2.36	0.00	0.31	0.00
	9	3.50	0.54	-1.53	0.00	0.20	0.01
	10	3.71	0.26	-1.53	0.00	0.20	-0.00
	11	3.15	-1.38	-1.53	0.00	0.20	0.03
	12	3.35	-1.66	-1.53	0.00	0.20	0.02
	13	3.76	2.06	-1.53	0.00	0.20	-0.03
	14	3.97	1.78	-1.53	0.00	0.20	-0.04
	15	3.40	0.14	-1.53	0.00	0.20	-0.01
	16	3.61	-0.14	-1.53	0.00	0.20	-0.02
	17	-3.61	0.14	-1.53	0.00	0.20	0.02
	18	-3.40	-0.14	-1.53	0.00	0.20	0.01
	19	-3.97	-1.78	-1.53	0.00	0.20	0.04
	20	-3.76	-2.06	-1.53	0.00	0.20	0.03
	21	-3.35	1.66	-1.53	0.00	0.20	-0.02
	22	-3.15	1.38	-1.53	0.00	0.20	-0.03
	23	-3.71	-0.26	-1.53	0.00	0.20	0.00
	24	-3.50	-0.54	-1.53	0.00	0.20	-0.01
	25	1.29	3.49	-1.53	0.00	0.20	-0.01
	26	1.36	3.95	-1.53	0.00	0.20	-0.02
	27	-0.85	3.37	-1.53	0.00	0.20	-0.00
	28	-0.77	3.83	-1.53	0.00	0.20	-0.01
	29	1.97	2.56	-1.53	0.00	0.20	-0.04
	30	2.05	3.02	-1.53	0.00	0.20	-0.05
	31	-0.16	2.44	-1.53	0.00	0.20	-0.04
	32	-0.09	2.90	-1.53	0.00	0.20	-0.05
	33	0.09	-2.90	-1.53	0.00	0.20	0.05
	34	0.16	-2.44	-1.53	0.00	0.20	0.04
	35	-2.05	-3.02	-1.53	0.00	0.20	0.05
	36	-1.97	-2.56	-1.53	0.00	0.20	0.04
	37	0.77	-3.83	-1.53	0.00	0.20	0.01
	38	0.85	-3.37	-1.53	0.00	0.20	0.00
	39	-1.36	-3.95	-1.53	0.00	0.20	0.02
	40	-1.29	-3.49	-1.53	0.00	0.20	0.01
	41	0.24	0.00	-1.93	0.00	0.25	-0.00
	42	-0.12	-0.00	-1.93	0.00	0.25	0.00
	43	0.02	0.52	-1.93	0.00	0.25	-0.00
	44	-0.03	-0.61	-1.93	0.00	0.25	0.00
	45	0.40	0.00	-1.73	0.00	0.23	-0.00
	46	-0.20	-0.00	-1.73	0.00	0.23	0.00
	47	0.03	0.87	-1.73	0.00	0.23	-0.00
	48	-0.05	-1.02	-1.73	0.00	0.23	0.00
	49	0.00	0.00	-1.61	0.00	0.21	0.00
	50	0.08	0.00	-1.53	0.00	0.20	-0.00
	51	-0.04	-0.00	-1.53	0.00	0.20	0.00
	52	0.01	0.17	-1.53	0.00	0.20	-0.00
	53	-0.01	-0.20	-1.53	0.00	0.20	0.00
	54	0.00	0.00	-1.53	0.00	0.20	0.00
	55	2.89	0.44	-1.53	0.00	0.20	0.01
	56	3.06	0.21	-1.53	0.00	0.20	-0.00
	57	2.60	-1.14	-1.53	0.00	0.20	0.02
	58	2.76	-1.37	-1.53	0.00	0.20	0.01
	59	3.10	1.70	-1.53	0.00	0.20	-0.02
	60	3.27	1.47	-1.53	0.00	0.20	-0.03
	61	2.81	0.12	-1.53	0.00	0.20	-0.01
	62	2.98	-0.11	-1.53	0.00	0.20	-0.02
	63	-2.98	0.11	-1.53	0.00	0.20	0.02
	64	-2.81	-0.12	-1.53	0.00	0.20	0.01
	65	-3.27	-1.47	-1.53	0.00	0.20	0.03
	66	-3.10	-1.70	-1.53	0.00	0.20	0.02

	67	-2.76	1.37	-1.53	0.00	0.20	-0.01
	68	-2.60	1.14	-1.53	0.00	0.20	-0.02
	69	-3.06	-0.21	-1.53	0.00	0.20	0.00
	70	-2.89	-0.44	-1.53	0.00	0.20	-0.01
	71	1.06	2.88	-1.53	0.00	0.20	-0.01
	72	1.12	3.26	-1.53	0.00	0.20	-0.01
	73	-0.70	2.78	-1.53	0.00	0.20	-0.00
	74	-0.64	3.16	-1.53	0.00	0.20	-0.01
	75	1.62	2.12	-1.53	0.00	0.20	-0.03
	76	1.69	2.49	-1.53	0.00	0.20	-0.04
	77	-0.14	2.02	-1.53	0.00	0.20	-0.03
	78	-0.07	2.39	-1.53	0.00	0.20	-0.04
	79	0.07	-2.39	-1.53	0.00	0.20	0.04
	80	0.14	-2.02	-1.53	0.00	0.20	0.03
	81	-1.69	-2.49	-1.53	0.00	0.20	0.04
	82	-1.62	-2.12	-1.53	0.00	0.20	0.03
	83	0.64	-3.16	-1.53	0.00	0.20	0.01
	84	0.70	-2.78	-1.53	0.00	0.20	0.00
	85	-1.12	-3.26	-1.53	0.00	0.20	0.01
	86	-1.06	-2.88	-1.53	0.00	0.20	0.01
165	1	0.36	-0.00	-3.13	0.00	-0.26	-0.00
	2	-0.18	0.00	-3.13	0.00	-0.26	0.00
	3	0.03	0.77	-3.13	0.00	-0.26	-0.00
	4	-0.04	-0.89	-3.13	0.00	-0.26	0.00
	5	0.59	-0.00	-2.77	0.00	-0.23	-0.00
	6	-0.30	0.00	-2.77	0.00	-0.23	0.00
	7	0.04	1.29	-2.77	0.00	-0.23	-0.00
	8	-0.07	-1.49	-2.77	0.00	-0.23	0.00
	9	3.50	0.62	-1.79	0.00	-0.15	0.01
	10	3.71	0.25	-1.79	0.00	-0.15	-0.00
	11	3.15	-1.16	-1.79	0.00	-0.15	0.03
	12	3.35	-1.52	-1.79	0.00	-0.15	0.02
	13	3.76	1.84	-1.79	0.00	-0.15	-0.03
	14	3.97	1.47	-1.79	0.00	-0.15	-0.04
	15	3.40	0.06	-1.79	0.00	-0.15	-0.01
	16	3.61	-0.30	-1.79	0.00	-0.15	-0.02
	17	-3.61	0.30	-1.79	0.00	-0.15	0.02
	18	-3.40	-0.06	-1.79	0.00	-0.15	0.01
	19	-3.97	-1.47	-1.79	0.00	-0.15	0.04
	20	-3.76	-1.84	-1.79	0.00	-0.15	0.03
	21	-3.35	1.52	-1.79	0.00	-0.15	-0.02
	22	-3.15	1.16	-1.79	0.00	-0.15	-0.03
	23	-3.71	-0.25	-1.79	0.00	-0.15	0.00
	24	-3.50	-0.62	-1.79	0.00	-0.15	-0.01
	25	1.29	3.43	-1.79	0.00	-0.15	-0.01
	26	1.36	3.80	-1.79	0.00	-0.15	-0.02
	27	-0.85	3.34	-1.79	0.00	-0.15	-0.00
	28	-0.77	3.70	-1.80	0.00	-0.15	-0.01
	29	1.97	2.21	-1.79	0.00	-0.15	-0.04
	30	2.05	2.58	-1.79	0.00	-0.15	-0.05
	31	-0.16	2.12	-1.79	0.00	-0.15	-0.04
	32	-0.09	2.48	-1.79	0.00	-0.15	-0.05
	33	0.09	-2.48	-1.79	0.00	-0.15	0.05
	34	0.16	-2.12	-1.79	0.00	-0.15	0.04
	35	-2.05	-2.58	-1.79	0.00	-0.15	0.05
	36	-1.97	-2.21	-1.79	0.00	-0.15	0.04
	37	0.77	-3.70	-1.79	0.00	-0.15	0.01
	38	0.85	-3.34	-1.79	0.00	-0.15	0.00
	39	-1.36	-3.80	-1.79	0.00	-0.15	0.02
	40	-1.29	-3.43	-1.79	0.00	-0.15	0.01
	41	0.24	-0.00	-2.27	0.00	-0.19	-0.00
	42	-0.12	0.00	-2.27	0.00	-0.19	0.00
	43	0.02	0.51	-2.27	0.00	-0.19	-0.00
	44	-0.03	-0.59	-2.27	0.00	-0.19	0.00
	45	0.40	-0.00	-2.03	0.00	-0.17	-0.00

	46	-0.20	0.00	-2.03	0.00	-0.17	0.00
	47	0.03	0.86	-2.03	0.00	-0.17	-0.00
	48	-0.05	-0.99	-2.03	0.00	-0.17	0.00
	49	0.00	0.00	-1.89	0.00	-0.16	0.00
	50	0.08	-0.00	-1.79	0.00	-0.15	-0.00
	51	-0.04	0.00	-1.79	0.00	-0.15	0.00
	52	0.01	0.17	-1.79	0.00	-0.15	-0.00
	53	-0.01	-0.20	-1.79	0.00	-0.15	0.00
	54	0.00	0.00	-1.79	0.00	-0.15	0.00
	55	2.89	0.51	-1.79	0.00	-0.15	0.01
	56	3.06	0.21	-1.79	0.00	-0.15	-0.00
	57	2.60	-0.95	-1.79	0.00	-0.15	0.02
	58	2.76	-1.26	-1.79	0.00	-0.15	0.01
	59	3.10	1.52	-1.79	0.00	-0.15	-0.02
	60	3.27	1.21	-1.79	0.00	-0.15	-0.03
	61	2.81	0.05	-1.80	0.00	-0.15	-0.01
	62	2.98	-0.25	-1.79	0.00	-0.15	-0.02
	63	-2.98	0.25	-1.79	0.00	-0.15	0.02
	64	-2.81	-0.05	-1.79	0.00	-0.15	0.01
	65	-3.27	-1.21	-1.79	0.00	-0.15	0.03
	66	-3.10	-1.52	-1.79	0.00	-0.15	0.02
	67	-2.76	1.26	-1.79	0.00	-0.15	-0.01
	68	-2.60	0.95	-1.79	0.00	-0.15	-0.02
	69	-3.06	-0.21	-1.79	0.00	-0.15	0.00
	70	-2.89	-0.51	-1.79	0.00	-0.15	-0.01
	71	1.06	2.83	-1.80	0.00	-0.15	-0.01
	72	1.12	3.13	-1.79	0.00	-0.15	-0.01
	73	-0.70	2.75	-1.79	0.00	-0.15	-0.00
	74	-0.64	3.06	-1.79	0.00	-0.15	-0.01
	75	1.62	1.83	-1.79	0.00	-0.15	-0.03
	76	1.69	2.13	-1.79	0.00	-0.15	-0.04
	77	-0.14	1.75	-1.79	0.00	-0.15	-0.03
	78	-0.07	2.05	-1.79	0.00	-0.15	-0.04
	79	0.07	-2.05	-1.79	0.00	-0.15	0.04
	80	0.14	-1.75	-1.79	0.00	-0.15	0.03
	81	-1.69	-2.13	-1.79	0.00	-0.15	0.04
	82	-1.62	-1.83	-1.79	0.00	-0.15	0.03
	83	0.64	-3.06	-1.79	0.00	-0.15	0.01
	84	0.70	-2.75	-1.79	0.00	-0.15	0.00
	85	-1.12	-3.13	-1.79	0.00	-0.15	0.01
	86	-1.06	-2.83	-1.79	0.00	-0.15	0.01
166	1	0.36	-0.00	-1.07	0.00	0.48	-0.00
	2	-0.18	0.00	-1.07	0.00	0.48	0.00
	3	0.03	0.76	-1.07	0.00	0.48	-0.00
	4	-0.04	-0.87	-1.07	0.00	0.48	0.00
	5	0.59	-0.00	-0.95	0.00	0.43	-0.00
	6	-0.30	0.00	-0.95	0.00	0.43	0.00
	7	0.04	1.26	-0.95	0.00	0.43	-0.00
	8	-0.07	-1.45	-0.95	0.00	0.43	0.00
	9	3.50	0.70	-0.62	0.00	0.28	0.01
	10	3.71	0.25	-0.62	0.00	0.28	-0.00
	11	3.15	-0.93	-0.62	0.00	0.28	0.03
	12	3.35	-1.38	-0.62	0.00	0.28	0.02
	13	3.76	1.61	-0.62	0.00	0.28	-0.03
	14	3.97	1.16	-0.62	0.00	0.28	-0.04
	15	3.40	-0.02	-0.62	0.00	0.28	-0.01
	16	3.61	-0.47	-0.62	0.00	0.28	-0.02
	17	-3.61	0.47	-0.62	0.00	0.28	0.02
	18	-3.40	0.02	-0.62	0.00	0.28	0.01
	19	-3.97	-1.16	-0.62	0.00	0.28	0.04
	20	-3.76	-1.61	-0.62	0.00	0.28	0.03
	21	-3.35	1.38	-0.62	0.00	0.28	-0.02
	22	-3.15	0.93	-0.62	0.00	0.28	-0.03
	23	-3.71	-0.25	-0.62	0.00	0.28	0.00
	24	-3.50	-0.70	-0.62	0.00	0.28	-0.01

	25	1.29	3.37	-0.62	0.00	0.28	-0.01
	26	1.36	3.64	-0.62	0.00	0.28	-0.02
	27	-0.85	3.30	-0.62	0.00	0.28	-0.00
	28	-0.77	3.58	-0.62	0.00	0.28	-0.01
	29	1.97	1.86	-0.62	0.00	0.28	-0.04
	30	2.05	2.14	-0.62	0.00	0.28	-0.05
	31	-0.16	1.80	-0.62	0.00	0.28	-0.04
	32	-0.09	2.07	-0.62	0.00	0.28	-0.05
	33	0.09	-2.07	-0.62	0.00	0.28	0.05
	34	0.16	-1.80	-0.62	0.00	0.28	0.04
	35	-2.05	-2.14	-0.62	0.00	0.28	0.05
	36	-1.97	-1.86	-0.62	0.00	0.28	0.04
	37	0.77	-3.58	-0.62	0.00	0.28	0.01
	38	0.85	-3.30	-0.62	0.00	0.28	0.00
	39	-1.36	-3.64	-0.62	0.00	0.28	0.02
	40	-1.29	-3.37	-0.62	0.00	0.28	0.01
	41	0.24	-0.00	-0.78	0.00	0.35	-0.00
	42	-0.12	0.00	-0.78	0.00	0.35	0.00
	43	0.02	0.50	-0.78	0.00	0.35	-0.00
	44	-0.03	-0.58	-0.78	0.00	0.35	0.00
	45	0.40	-0.00	-0.70	0.00	0.31	-0.00
	46	-0.20	0.00	-0.70	0.00	0.31	0.00
	47	0.03	0.84	-0.70	0.00	0.31	-0.00
	48	-0.05	-0.96	-0.70	0.00	0.31	0.00
	49	0.00	0.00	-0.65	0.00	0.29	0.00
	50	0.08	-0.00	-0.62	0.00	0.28	-0.00
	51	-0.04	0.00	-0.62	0.00	0.28	0.00
	52	0.01	0.17	-0.62	0.00	0.28	-0.00
	53	-0.01	-0.19	-0.62	0.00	0.28	0.00
	54	0.00	0.00	-0.62	0.00	0.28	0.00
	55	2.89	0.58	-0.62	0.00	0.28	0.01
	56	3.06	0.21	-0.62	0.00	0.28	-0.00
	57	2.60	-0.77	-0.62	0.00	0.28	0.02
	58	2.76	-1.14	-0.62	0.00	0.28	0.01
	59	3.10	1.33	-0.62	0.00	0.28	-0.02
	60	3.27	0.96	-0.62	0.00	0.28	-0.03
	61	2.81	-0.02	-0.62	0.00	0.28	-0.01
	62	2.98	-0.39	-0.62	0.00	0.28	-0.02
	63	-2.98	0.39	-0.62	0.00	0.28	0.02
	64	-2.81	0.02	-0.62	0.00	0.28	0.01
	65	-3.27	-0.96	-0.62	0.00	0.28	0.03
	66	-3.10	-1.33	-0.62	0.00	0.28	0.02
	67	-2.76	1.14	-0.62	0.00	0.28	-0.01
	68	-2.60	0.77	-0.62	0.00	0.28	-0.02
	69	-3.06	-0.21	-0.62	0.00	0.28	0.00
	70	-2.89	-0.58	-0.62	0.00	0.28	-0.01
	71	1.06	2.78	-0.62	0.00	0.28	-0.01
	72	1.12	3.01	-0.62	0.00	0.28	-0.01
	73	-0.70	2.72	-0.62	0.00	0.28	-0.00
	74	-0.64	2.95	-0.62	0.00	0.28	-0.01
	75	1.62	1.54	-0.62	0.00	0.28	-0.03
	76	1.69	1.76	-0.62	0.00	0.28	-0.04
	77	-0.14	1.48	-0.62	0.00	0.28	-0.03
	78	-0.07	1.71	-0.62	0.00	0.28	-0.04
	79	0.07	-1.71	-0.62	0.00	0.28	0.04
	80	0.14	-1.48	-0.62	0.00	0.28	0.03
	81	-1.69	-1.76	-0.62	0.00	0.28	0.04
	82	-1.62	-1.54	-0.62	0.00	0.28	0.03
	83	0.64	-2.95	-0.62	0.00	0.28	0.01
	84	0.70	-2.72	-0.62	0.00	0.28	0.00
	85	-1.12	-3.01	-0.62	0.00	0.28	0.01
	86	-1.06	-2.78	-0.62	0.00	0.28	0.01
167	1	0.36	-0.00	-3.51	0.00	-0.01	-0.00
	2	-0.18	0.00	-3.51	0.00	-0.01	0.00
	3	0.03	0.74	-3.51	0.00	-0.01	-0.00

	4	-0.04	-0.84	-3.51	0.00	-0.01	0.00
	5	0.59	-0.01	-3.11	0.00	-0.01	-0.00
	6	-0.30	0.00	-3.11	0.00	-0.01	0.00
	7	0.04	1.24	-3.11	0.00	-0.01	-0.00
	8	-0.07	-1.41	-3.11	0.00	-0.01	0.00
	9	3.50	0.78	-2.01	0.00	-0.00	0.01
	10	3.71	0.24	-2.01	0.00	-0.00	-0.00
	11	3.15	-0.71	-2.01	0.00	-0.00	0.03
	12	3.35	-1.24	-2.01	0.00	-0.00	0.02
	13	3.76	1.39	-2.01	0.00	-0.00	-0.03
	14	3.97	0.85	-2.01	0.00	-0.00	-0.04
	15	3.40	-0.10	-2.01	0.00	-0.00	-0.01
	16	3.61	-0.64	-2.01	0.00	-0.00	-0.02
	17	-3.61	0.64	-2.01	0.00	-0.00	0.02
	18	-3.40	0.10	-2.01	0.00	-0.00	0.01
	19	-3.97	-0.85	-2.01	0.00	-0.00	0.04
	20	-3.76	-1.39	-2.01	0.00	-0.00	0.03
	21	-3.35	1.24	-2.01	0.00	-0.00	-0.02
	22	-3.15	0.71	-2.01	0.00	-0.00	-0.03
	23	-3.71	-0.24	-2.01	0.00	-0.00	0.00
	24	-3.50	-0.78	-2.01	0.00	-0.00	-0.01
	25	1.29	3.31	-2.01	0.00	-0.00	-0.01
	26	1.36	3.49	-2.01	0.00	-0.00	-0.02
	27	-0.85	3.27	-2.01	0.00	-0.00	-0.00
	28	-0.77	3.45	-2.03	0.00	-0.00	-0.01
	29	1.97	1.51	-2.01	0.00	-0.00	-0.04
	30	2.05	1.69	-2.01	0.00	-0.00	-0.05
	31	-0.16	1.47	-2.01	0.00	-0.00	-0.04
	32	-0.09	1.65	-2.01	0.00	-0.00	-0.05
	33	0.09	-1.65	-2.01	0.00	-0.00	0.05
	34	0.16	-1.47	-2.01	0.00	-0.00	0.04
	35	-2.05	-1.69	-2.01	0.00	-0.00	0.05
	36	-1.97	-1.51	-2.01	0.00	-0.00	0.04
	37	0.77	-3.45	-2.01	0.00	-0.00	0.01
	38	0.85	-3.27	-2.01	0.00	-0.00	0.00
	39	-1.36	-3.49	-2.01	0.00	-0.00	0.02
	40	-1.29	-3.31	-2.01	0.00	-0.00	0.01
	41	0.24	-0.00	-2.54	0.00	-0.01	-0.00
	42	-0.12	0.00	-2.54	0.00	-0.01	0.00
	43	0.02	0.50	-2.54	0.00	-0.01	-0.00
	44	-0.03	-0.56	-2.54	0.00	-0.01	0.00
	45	0.40	-0.00	-2.28	0.00	-0.00	-0.00
	46	-0.20	0.00	-2.28	0.00	-0.00	0.00
	47	0.03	0.83	-2.28	0.00	-0.00	-0.00
	48	-0.05	-0.94	-2.28	0.00	-0.00	0.00
	49	0.00	0.00	-2.12	0.00	-0.00	0.00
	50	0.08	-0.00	-2.01	0.00	-0.00	-0.00
	51	-0.04	0.00	-2.01	0.00	-0.00	0.00
	52	0.01	0.17	-2.01	0.00	-0.00	-0.00
	53	-0.01	-0.19	-2.01	0.00	-0.00	0.00
	54	0.00	0.00	-2.01	0.00	-0.00	0.00
	55	2.89	0.65	-2.01	0.00	-0.00	0.01
	56	3.06	0.20	-2.01	0.00	-0.00	-0.00
	57	2.60	-0.58	-2.01	0.00	-0.00	0.02
	58	2.76	-1.03	-2.01	0.00	-0.00	0.01
	59	3.10	1.14	-2.01	0.00	-0.00	-0.02
	60	3.27	0.70	-2.01	0.00	-0.00	-0.03
	61	2.81	-0.09	-2.03	0.00	-0.00	-0.01
	62	2.98	-0.53	-2.01	0.00	-0.00	-0.02
	63	-2.98	0.53	-2.01	0.00	-0.00	0.02
	64	-2.81	0.09	-2.01	0.00	-0.00	0.01
	65	-3.27	-0.70	-2.01	0.00	-0.00	0.03
	66	-3.10	-1.14	-2.01	0.00	-0.00	0.02
	67	-2.76	1.03	-2.01	0.00	-0.00	-0.01
	68	-2.60	0.58	-2.01	0.00	-0.00	-0.02

	69	-3.06	-0.20	-2.01	0.00	-0.00	0.00
	70	-2.89	-0.65	-2.01	0.00	-0.00	-0.01
	71	1.06	2.73	-2.03	0.00	-0.00	-0.01
	72	1.12	2.88	-2.01	0.00	-0.00	-0.01
	73	-0.70	2.70	-2.01	0.00	-0.00	-0.00
	74	-0.64	2.84	-2.01	0.00	-0.00	-0.01
	75	1.62	1.25	-2.01	0.00	-0.00	-0.03
	76	1.69	1.40	-2.01	0.00	-0.00	-0.04
	77	-0.14	1.21	-2.01	0.00	-0.00	-0.03
	78	-0.07	1.36	-2.01	0.00	-0.00	-0.04
	79	0.07	-1.36	-2.01	0.00	-0.00	0.04
	80	0.14	-1.21	-2.01	0.00	-0.00	0.03
	81	-1.69	-1.40	-2.01	0.00	-0.00	0.04
	82	-1.62	-1.25	-2.01	0.00	-0.00	0.03
	83	0.64	-2.84	-2.01	0.00	-0.00	0.01
	84	0.70	-2.70	-2.01	0.00	-0.00	0.00
	85	-1.12	-2.88	-2.01	0.00	-0.00	0.01
	86	-1.06	-2.73	-2.01	0.00	-0.00	0.01
168	1	0.36	-0.01	-0.98	0.00	-0.49	-0.00
	2	-0.18	0.00	-0.98	0.00	-0.49	0.00
	3	0.03	0.73	-0.98	0.00	-0.49	-0.00
	4	-0.04	-0.82	-0.98	0.00	-0.49	0.00
	5	0.59	-0.01	-0.87	0.00	-0.43	-0.00
	6	-0.30	0.00	-0.87	0.00	-0.43	0.00
	7	0.04	1.21	-0.87	0.00	-0.43	-0.00
	8	-0.07	-1.36	-0.87	0.00	-0.43	0.00
	9	3.50	0.87	-0.56	0.00	-0.28	0.01
	10	3.71	0.24	-0.56	0.00	-0.28	-0.00
	11	3.15	-0.48	-0.56	0.00	-0.28	0.03
	12	3.35	-1.10	-0.56	0.00	-0.28	0.02
	13	3.76	1.16	-0.56	0.00	-0.28	-0.03
	14	3.97	0.53	-0.56	0.00	-0.28	-0.04
	15	3.40	-0.19	-0.56	0.00	-0.28	-0.01
	16	3.61	-0.81	-0.56	0.00	-0.28	-0.02
	17	-3.61	0.81	-0.56	0.00	-0.28	0.02
	18	-3.40	0.19	-0.56	0.00	-0.28	0.01
	19	-3.97	-0.53	-0.56	0.00	-0.28	0.04
	20	-3.76	-1.16	-0.56	0.00	-0.28	0.03
	21	-3.35	1.10	-0.56	0.00	-0.28	-0.02
	22	-3.15	0.48	-0.56	0.00	-0.28	-0.03
	23	-3.71	-0.24	-0.56	0.00	-0.28	0.00
	24	-3.50	-0.87	-0.56	0.00	-0.28	-0.01
	25	1.29	3.25	-0.56	0.00	-0.28	-0.01
	26	1.36	3.34	-0.56	0.00	-0.28	-0.02
	27	-0.85	3.23	-0.56	0.00	-0.28	-0.00
	28	-0.77	3.32	-0.57	0.00	-0.28	-0.01
	29	1.97	1.16	-0.56	0.00	-0.28	-0.04
	30	2.05	1.25	-0.56	0.00	-0.28	-0.05
	31	-0.16	1.15	-0.56	0.00	-0.28	-0.04
	32	-0.09	1.24	-0.56	0.00	-0.28	-0.05
	33	0.09	-1.24	-0.56	0.00	-0.28	0.05
	34	0.16	-1.15	-0.56	0.00	-0.28	0.04
	35	-2.05	-1.25	-0.56	0.00	-0.28	0.05
	36	-1.97	-1.16	-0.56	0.00	-0.28	0.04
	37	0.77	-3.32	-0.56	0.00	-0.28	0.01
	38	0.85	-3.23	-0.56	0.00	-0.28	0.00
	39	-1.36	-3.34	-0.56	0.00	-0.28	0.02
	40	-1.29	-3.25	-0.56	0.00	-0.28	0.01
	41	0.24	-0.00	-0.71	0.00	-0.35	-0.00
	42	-0.12	0.00	-0.71	0.00	-0.35	0.00
	43	0.02	0.49	-0.71	0.00	-0.35	-0.00
	44	-0.03	-0.55	-0.71	0.00	-0.35	0.00
	45	0.40	-0.01	-0.64	0.00	-0.32	-0.00
	46	-0.20	0.00	-0.64	0.00	-0.32	0.00
	47	0.03	0.81	-0.64	0.00	-0.32	-0.00

	48	-0.05	-0.91	-0.64	0.00	-0.32	0.00
	49	0.00	0.00	-0.59	0.00	-0.29	0.00
	50	0.08	-0.00	-0.56	0.00	-0.28	-0.00
	51	-0.04	0.00	-0.56	0.00	-0.28	0.00
	52	0.01	0.16	-0.56	0.00	-0.28	-0.00
	53	-0.01	-0.18	-0.56	0.00	-0.28	0.00
	54	0.00	0.00	-0.56	0.00	-0.28	0.00
	55	2.89	0.71	-0.56	0.00	-0.28	0.01
	56	3.06	0.20	-0.56	0.00	-0.28	-0.00
	57	2.60	-0.40	-0.56	0.00	-0.28	0.02
	58	2.76	-0.91	-0.56	0.00	-0.28	0.01
	59	3.10	0.96	-0.56	0.00	-0.28	-0.02
	60	3.27	0.44	-0.56	0.00	-0.28	-0.03
	61	2.81	-0.15	-0.57	0.00	-0.28	-0.01
	62	2.98	-0.67	-0.56	0.00	-0.28	-0.02
	63	-2.98	0.67	-0.56	0.00	-0.28	0.02
	64	-2.81	0.15	-0.56	0.00	-0.28	0.01
	65	-3.27	-0.44	-0.56	0.00	-0.28	0.03
	66	-3.10	-0.96	-0.56	0.00	-0.28	0.02
	67	-2.76	0.91	-0.56	0.00	-0.28	-0.01
	68	-2.60	0.40	-0.56	0.00	-0.28	-0.02
	69	-3.06	-0.20	-0.56	0.00	-0.28	0.00
	70	-2.89	-0.71	-0.56	0.00	-0.28	-0.01
	71	1.06	2.68	-0.57	0.00	-0.28	-0.01
	72	1.12	2.75	-0.56	0.00	-0.28	-0.01
	73	-0.70	2.67	-0.56	0.00	-0.28	-0.00
	74	-0.64	2.74	-0.56	0.00	-0.28	-0.01
	75	1.62	0.96	-0.56	0.00	-0.28	-0.03
	76	1.69	1.03	-0.56	0.00	-0.28	-0.04
	77	-0.14	0.95	-0.56	0.00	-0.28	-0.03
	78	-0.07	1.02	-0.56	0.00	-0.28	-0.04
	79	0.07	-1.02	-0.56	0.00	-0.28	0.04
	80	0.14	-0.95	-0.56	0.00	-0.28	0.03
	81	-1.69	-1.03	-0.56	0.00	-0.28	0.04
	82	-1.62	-0.96	-0.56	0.00	-0.28	0.03
	83	0.64	-2.74	-0.56	0.00	-0.28	0.01
	84	0.70	-2.67	-0.56	0.00	-0.28	0.00
	85	-1.12	-2.75	-0.56	0.00	-0.28	0.01
	86	-1.06	-2.68	-0.56	0.00	-0.28	0.01
169	1	0.36	-0.01	-2.79	0.00	0.21	-0.00
	2	-0.18	0.00	-2.79	0.00	0.21	0.00
	3	0.03	0.71	-2.79	0.00	0.21	-0.00
	4	-0.04	-0.79	-2.79	0.00	0.21	0.00
	5	0.59	-0.01	-2.51	0.00	0.19	-0.00
	6	-0.30	0.01	-2.51	0.00	0.19	0.00
	7	0.04	1.19	-2.51	0.00	0.19	-0.00
	8	-0.07	-1.32	-2.51	0.00	0.19	0.00
	9	3.50	0.95	-1.65	0.00	0.12	0.01
	10	3.71	0.24	-1.65	0.00	0.12	-0.00
	11	3.15	-0.25	-1.65	0.00	0.12	0.03
	12	3.35	-0.97	-1.65	0.00	0.12	0.02
	13	3.76	0.93	-1.65	0.00	0.12	-0.03
	14	3.97	0.22	-1.65	0.00	0.12	-0.04
	15	3.40	-0.27	-1.65	0.00	0.12	-0.01
	16	3.61	-0.98	-1.65	0.00	0.12	-0.02
	17	-3.61	0.98	-1.65	0.00	0.12	0.02
	18	-3.40	0.27	-1.65	0.00	0.12	0.01
	19	-3.97	-0.22	-1.65	0.00	0.12	0.04
	20	-3.76	-0.93	-1.65	0.00	0.12	0.03
	21	-3.35	0.97	-1.65	0.00	0.12	-0.02
	22	-3.15	0.25	-1.65	0.00	0.12	-0.03
	23	-3.71	-0.24	-1.65	0.00	0.12	0.00
	24	-3.50	-0.95	-1.65	0.00	0.12	-0.01
	25	1.29	3.19	-1.65	0.00	0.12	-0.01
	26	1.36	3.18	-1.65	0.00	0.12	-0.02

	27	-0.85	3.20	-1.65	0.00	0.12	-0.00
	28	-0.77	3.19	-1.66	0.00	0.13	-0.01
	29	1.97	0.81	-1.65	0.00	0.12	-0.04
	30	2.05	0.81	-1.65	0.00	0.12	-0.05
	31	-0.16	0.82	-1.65	0.00	0.12	-0.04
	32	-0.09	0.82	-1.65	0.00	0.12	-0.05
	33	0.09	-0.82	-1.65	0.00	0.12	0.05
	34	0.16	-0.82	-1.65	0.00	0.12	0.04
	35	-2.05	-0.81	-1.65	0.00	0.12	0.05
	36	-1.97	-0.81	-1.65	0.00	0.12	0.04
	37	0.77	-3.19	-1.65	0.00	0.12	0.01
	38	0.85	-3.20	-1.65	0.00	0.12	0.00
	39	-1.36	-3.18	-1.65	0.00	0.12	0.02
	40	-1.29	-3.19	-1.65	0.00	0.12	0.01
	41	0.24	-0.00	-2.04	0.00	0.15	-0.00
	42	-0.12	0.00	-2.04	0.00	0.15	0.00
	43	0.02	0.48	-2.04	0.00	0.15	-0.00
	44	-0.03	-0.53	-2.04	0.00	0.15	0.00
	45	0.40	-0.01	-1.85	0.00	0.14	-0.00
	46	-0.20	0.00	-1.85	0.00	0.14	0.00
	47	0.03	0.79	-1.85	0.00	0.14	-0.00
	48	-0.05	-0.88	-1.85	0.00	0.14	0.00
	49	0.00	0.00	-1.73	0.00	0.13	0.00
	50	0.08	-0.00	-1.65	0.00	0.12	-0.00
	51	-0.04	0.00	-1.65	0.00	0.12	0.00
	52	0.01	0.16	-1.65	0.00	0.12	-0.00
	53	-0.01	-0.18	-1.65	0.00	0.12	0.00
	54	0.00	0.00	-1.65	0.00	0.12	0.00
	55	2.89	0.78	-1.65	0.00	0.12	0.01
	56	3.06	0.19	-1.65	0.00	0.12	-0.00
	57	2.60	-0.21	-1.65	0.00	0.12	0.02
	58	2.76	-0.80	-1.65	0.00	0.12	0.01
	59	3.10	0.77	-1.65	0.00	0.12	-0.02
	60	3.27	0.18	-1.65	0.00	0.12	-0.03
	61	2.81	-0.22	-1.66	0.00	0.13	-0.01
	62	2.98	-0.81	-1.65	0.00	0.12	-0.02
	63	-2.98	0.81	-1.65	0.00	0.12	0.02
	64	-2.81	0.22	-1.65	0.00	0.12	0.01
	65	-3.27	-0.18	-1.65	0.00	0.12	0.03
	66	-3.10	-0.77	-1.65	0.00	0.12	0.02
	67	-2.76	0.80	-1.65	0.00	0.12	-0.01
	68	-2.60	0.21	-1.65	0.00	0.12	-0.02
	69	-3.06	-0.19	-1.65	0.00	0.12	0.00
	70	-2.89	-0.78	-1.65	0.00	0.12	-0.01
	71	1.06	2.63	-1.66	0.00	0.13	-0.01
	72	1.12	2.63	-1.65	0.00	0.12	-0.01
	73	-0.70	2.64	-1.65	0.00	0.12	-0.00
	74	-0.64	2.63	-1.65	0.00	0.12	-0.01
	75	1.62	0.67	-1.65	0.00	0.12	-0.03
	76	1.69	0.67	-1.65	0.00	0.12	-0.04
	77	-0.14	0.68	-1.65	0.00	0.12	-0.03
	78	-0.07	0.68	-1.65	0.00	0.12	-0.04
	79	0.07	-0.68	-1.65	0.00	0.12	0.04
	80	0.14	-0.68	-1.65	0.00	0.12	0.03
	81	-1.69	-0.67	-1.65	0.00	0.12	0.04
	82	-1.62	-0.67	-1.65	0.00	0.12	0.03
	83	0.64	-2.63	-1.65	0.00	0.12	0.01
	84	0.70	-2.64	-1.65	0.00	0.12	0.00
	85	-1.12	-2.63	-1.65	0.00	0.12	0.01
	86	-1.06	-2.63	-1.65	0.00	0.12	0.01
170	1	0.36	-0.01	-2.20	0.00	-0.32	-0.00
	2	-0.18	0.00	-2.20	0.00	-0.32	0.00
	3	0.03	0.70	-2.20	0.00	-0.32	-0.00
	4	-0.04	-0.77	-2.20	0.00	-0.32	0.00
	5	0.59	-0.01	-1.98	0.00	-0.28	-0.00

	6	-0.30	0.01	-1.98	0.00	-0.28	0.00
	7	0.04	1.17	-1.98	0.00	-0.28	-0.00
	8	-0.07	-1.28	-1.98	0.00	-0.28	0.00
	9	3.50	1.03	-1.32	0.00	-0.19	0.01
	10	3.71	0.23	-1.32	0.00	-0.19	-0.00
	11	3.15	-0.03	-1.32	0.00	-0.19	0.03
	12	3.35	-0.83	-1.32	0.00	-0.19	0.02
	13	3.76	0.71	-1.32	0.00	-0.19	-0.03
	14	3.97	-0.09	-1.32	0.00	-0.19	-0.04
	15	3.40	-0.35	-1.32	0.00	-0.19	-0.01
	16	3.61	-1.15	-1.32	0.00	-0.19	-0.02
	17	-3.61	1.15	-1.32	0.00	-0.19	0.02
	18	-3.40	0.35	-1.32	0.00	-0.19	0.01
	19	-3.97	0.09	-1.32	0.00	-0.19	0.04
	20	-3.76	-0.71	-1.32	0.00	-0.19	0.03
	21	-3.35	0.83	-1.32	0.00	-0.19	-0.02
	22	-3.15	0.03	-1.32	0.00	-0.19	-0.03
	23	-3.71	-0.23	-1.32	0.00	-0.19	0.00
	24	-3.50	-1.03	-1.32	0.00	-0.19	-0.01
	25	1.29	3.12	-1.32	0.00	-0.19	-0.01
	26	1.36	3.03	-1.32	0.00	-0.19	-0.02
	27	-0.85	3.16	-1.32	0.00	-0.19	-0.00
	28	-0.77	3.06	-1.32	0.00	-0.19	-0.01
	29	1.97	0.47	-1.32	0.00	-0.19	-0.04
	30	2.05	0.37	-1.32	0.00	-0.19	-0.05
	31	-0.16	0.50	-1.32	0.00	-0.19	-0.04
	32	-0.09	0.40	-1.32	0.00	-0.19	-0.05
	33	0.09	-0.40	-1.32	0.00	-0.19	0.05
	34	0.16	-0.50	-1.32	0.00	-0.19	0.04
	35	-2.05	-0.37	-1.32	0.00	-0.19	0.05
	36	-1.97	-0.47	-1.32	0.00	-0.19	0.04
	37	0.77	-3.06	-1.32	0.00	-0.19	0.01
	38	0.85	-3.16	-1.32	0.00	-0.19	0.00
	39	-1.36	-3.03	-1.32	0.00	-0.19	0.02
	40	-1.29	-3.12	-1.32	0.00	-0.19	0.01
	41	0.24	-0.01	-1.61	0.00	-0.23	-0.00
	42	-0.12	0.00	-1.61	0.00	-0.23	0.00
	43	0.02	0.47	-1.61	0.00	-0.23	-0.00
	44	-0.03	-0.51	-1.61	0.00	-0.23	0.00
	45	0.40	-0.01	-1.46	0.00	-0.21	-0.00
	46	-0.20	0.00	-1.46	0.00	-0.21	0.00
	47	0.03	0.78	-1.46	0.00	-0.21	-0.00
	48	-0.05	-0.85	-1.46	0.00	-0.21	0.00
	49	0.00	0.00	-1.37	0.00	-0.20	0.00
	50	0.08	-0.00	-1.32	0.00	-0.19	-0.00
	51	-0.04	0.00	-1.32	0.00	-0.19	0.00
	52	0.01	0.16	-1.32	0.00	-0.19	-0.00
	53	-0.01	-0.17	-1.32	0.00	-0.19	0.00
	54	0.00	0.00	-1.32	0.00	-0.19	0.00
	55	2.89	0.85	-1.32	0.00	-0.19	0.01
	56	3.06	0.19	-1.32	0.00	-0.19	-0.00
	57	2.60	-0.02	-1.32	0.00	-0.19	0.02
	58	2.76	-0.68	-1.32	0.00	-0.19	0.01
	59	3.10	0.58	-1.32	0.00	-0.19	-0.02
	60	3.27	-0.07	-1.32	0.00	-0.19	-0.03
	61	2.81	-0.29	-1.32	0.00	-0.19	-0.01
	62	2.98	-0.95	-1.32	0.00	-0.19	-0.02
	63	-2.98	0.95	-1.32	0.00	-0.19	0.02
	64	-2.81	0.29	-1.32	0.00	-0.19	0.01
	65	-3.27	0.07	-1.32	0.00	-0.19	0.03
	66	-3.10	-0.58	-1.32	0.00	-0.19	0.02
	67	-2.76	0.68	-1.32	0.00	-0.19	-0.01
	68	-2.60	0.02	-1.32	0.00	-0.19	-0.02
	69	-3.06	-0.19	-1.32	0.00	-0.19	0.00
	70	-2.89	-0.85	-1.32	0.00	-0.19	-0.01

	71	1.06	2.58	-1.32	0.00	-0.19	-0.01
	72	1.12	2.50	-1.32	0.00	-0.19	-0.01
	73	-0.70	2.61	-1.32	0.00	-0.19	-0.00
	74	-0.64	2.53	-1.32	0.00	-0.19	-0.01
	75	1.62	0.38	-1.32	0.00	-0.19	-0.03
	76	1.69	0.30	-1.32	0.00	-0.19	-0.04
	77	-0.14	0.41	-1.32	0.00	-0.19	-0.03
	78	-0.07	0.33	-1.32	0.00	-0.19	-0.04
	79	0.07	-0.33	-1.32	0.00	-0.19	0.04
	80	0.14	-0.41	-1.32	0.00	-0.19	0.03
	81	-1.69	-0.30	-1.32	0.00	-0.19	0.04
	82	-1.62	-0.38	-1.32	0.00	-0.19	0.03
	83	0.64	-2.53	-1.32	0.00	-0.19	0.01
	84	0.70	-2.61	-1.32	0.00	-0.19	0.00
	85	-1.12	-2.50	-1.32	0.00	-0.19	0.01
	86	-1.06	-2.58	-1.32	0.00	-0.19	0.01
171	1	0.36	0.01	-2.56	0.00	0.21	-0.00
	2	-0.18	-0.01	-2.56	0.00	0.21	0.00
	3	0.07	0.88	-2.56	0.00	0.21	-0.00
	4	-0.12	-1.09	-2.56	0.00	0.21	0.00
	5	0.60	0.02	-2.33	0.00	0.19	-0.00
	6	-0.30	-0.01	-2.33	0.00	0.19	0.00
	7	0.12	1.47	-2.33	0.00	0.19	-0.00
	8	-0.21	-1.82	-2.33	0.00	0.19	0.00
	9	3.24	-0.04	-1.58	0.00	0.13	0.01
	10	3.72	0.29	-1.58	0.00	0.13	-0.00
	11	2.41	-2.96	-1.58	0.00	0.13	0.03
	12	2.90	-2.63	-1.58	0.00	0.13	0.02
	13	4.50	3.64	-1.58	0.00	0.13	-0.03
	14	4.98	3.97	-1.58	0.00	0.13	-0.04
	15	3.67	0.72	-1.58	0.00	0.13	-0.01
	16	4.16	1.05	-1.58	0.00	0.13	-0.02
	17	-4.16	-1.05	-1.58	0.00	0.13	0.02
	18	-3.67	-0.72	-1.58	0.00	0.13	0.01
	19	-4.98	-3.97	-1.58	0.00	0.13	0.04
	20	-4.50	-3.64	-1.58	0.00	0.13	0.03
	21	-2.90	2.63	-1.58	0.00	0.13	-0.02
	22	-2.41	2.96	-1.58	0.00	0.13	-0.03
	23	-3.72	-0.29	-1.58	0.00	0.13	0.00
	24	-3.24	0.04	-1.58	0.00	0.13	-0.01
	25	1.49	3.93	-1.58	0.00	0.13	-0.01
	26	1.86	5.03	-1.58	0.00	0.13	-0.02
	27	-0.73	3.62	-1.58	0.00	0.13	-0.00
	28	-0.35	4.73	-2.79	0.00	0.23	-0.01
	29	3.11	5.01	-1.58	0.00	0.13	-0.04
	30	3.49	6.12	-1.58	0.00	0.13	-0.05
	31	0.89	4.71	-1.58	0.00	0.13	-0.04
	32	1.27	5.81	-1.58	0.00	0.13	-0.05
	33	-1.27	-5.81	-1.58	0.00	0.13	0.05
	34	-0.89	-4.71	-1.58	0.00	0.13	0.04
	35	-3.49	-6.12	-1.58	0.00	0.13	0.05
	36	-3.11	-5.01	-1.58	0.00	0.13	0.04
	37	0.35	-4.73	-1.58	0.00	0.13	0.01
	38	0.73	-3.62	-1.58	0.00	0.13	0.00
	39	-1.86	-5.03	-1.58	0.00	0.13	0.02
	40	-1.49	-3.93	-1.58	0.00	0.13	0.01
	41	0.24	0.01	-1.88	0.00	0.16	-0.00
	42	-0.12	-0.00	-1.88	0.00	0.16	0.00
	43	0.05	0.59	-1.88	0.00	0.16	-0.00
	44	-0.08	-0.73	-1.88	0.00	0.16	0.00
	45	0.40	0.01	-1.73	0.00	0.14	-0.00
	46	-0.20	-0.01	-1.73	0.00	0.14	0.00
	47	0.08	0.98	-1.73	0.00	0.14	-0.00
	48	-0.14	-1.21	-1.73	0.00	0.14	0.00
	49	0.00	0.00	-1.64	0.00	0.14	0.00

	50	0.08	0.00	-1.58	0.00	0.13	-0.00
	51	-0.04	-0.00	-1.58	0.00	0.13	0.00
	52	0.02	0.20	-1.58	0.00	0.13	-0.00
	53	-0.03	-0.24	-1.58	0.00	0.13	0.00
	54	0.00	0.00	-1.58	0.00	0.13	0.00
	55	2.67	-0.03	-1.58	0.00	0.13	0.01
	56	3.07	0.24	-1.58	0.00	0.13	-0.00
	57	1.99	-2.44	-1.58	0.00	0.13	0.02
	58	2.39	-2.17	-1.58	0.00	0.13	0.01
	59	3.71	3.00	-1.58	0.00	0.13	-0.02
	60	4.11	3.27	-1.58	0.00	0.13	-0.03
	61	3.03	0.59	-2.79	0.00	0.23	-0.01
	62	3.43	0.86	-1.58	0.00	0.13	-0.02
	63	-3.43	-0.86	-1.58	0.00	0.13	0.02
	64	-3.03	-0.59	-1.58	0.00	0.13	0.01
	65	-4.11	-3.27	-1.58	0.00	0.13	0.03
	66	-3.71	-3.00	-1.58	0.00	0.13	0.02
	67	-2.39	2.17	-1.58	0.00	0.13	-0.01
	68	-1.99	2.44	-1.58	0.00	0.13	-0.02
	69	-3.07	-0.24	-1.58	0.00	0.13	0.00
	70	-2.67	0.03	-1.58	0.00	0.13	-0.01
	71	1.23	3.24	-2.79	0.00	0.23	-0.01
	72	1.54	4.15	-1.58	0.00	0.13	-0.01
	73	-0.60	2.99	-1.58	0.00	0.13	-0.00
	74	-0.29	3.90	-1.58	0.00	0.13	-0.01
	75	2.56	4.13	-1.58	0.00	0.13	-0.03
	76	2.88	5.05	-1.58	0.00	0.13	-0.04
	77	0.73	3.89	-1.58	0.00	0.13	-0.03
	78	1.05	4.80	-1.58	0.00	0.13	-0.04
	79	-1.05	-4.80	-1.58	0.00	0.13	0.04
	80	-0.73	-3.89	-1.58	0.00	0.13	0.03
	81	-2.88	-5.05	-1.58	0.00	0.13	0.04
	82	-2.56	-4.13	-1.58	0.00	0.13	0.03
	83	0.29	-3.90	-1.58	0.00	0.13	0.01
	84	0.60	-2.99	-1.58	0.00	0.13	0.00
	85	-1.54	-4.15	-1.58	0.00	0.13	0.01
	86	-1.23	-3.24	-1.58	0.00	0.13	0.01
172	1	0.36	0.01	-2.17	0.00	-0.30	-0.00
	2	-0.18	-0.00	-2.17	0.00	-0.30	0.00
	3	0.07	0.87	-2.17	0.00	-0.30	-0.00
	4	-0.12	-1.07	-2.17	0.00	-0.30	0.00
	5	0.60	0.01	-1.97	0.00	-0.28	-0.00
	6	-0.30	-0.01	-1.97	0.00	-0.28	0.00
	7	0.12	1.45	-1.97	0.00	-0.28	-0.00
	8	-0.21	-1.78	-1.97	0.00	-0.28	0.00
	9	3.24	0.04	-1.33	0.00	-0.19	0.01
	10	3.72	0.28	-1.33	0.00	-0.19	-0.00
	11	2.41	-2.73	-1.33	0.00	-0.19	0.03
	12	2.90	-2.49	-1.33	0.00	-0.19	0.02
	13	4.50	3.42	-1.33	0.00	-0.19	-0.03
	14	4.98	3.66	-1.33	0.00	-0.19	-0.04
	15	3.67	0.64	-1.33	0.00	-0.19	-0.01
	16	4.16	0.88	-1.33	0.00	-0.19	-0.02
	17	-4.16	-0.88	-1.33	0.00	-0.19	0.02
	18	-3.67	-0.64	-1.33	0.00	-0.19	0.01
	19	-4.98	-3.66	-1.33	0.00	-0.19	0.04
	20	-4.50	-3.42	-1.33	0.00	-0.19	0.03
	21	-2.90	2.49	-1.33	0.00	-0.19	-0.02
	22	-2.41	2.73	-1.33	0.00	-0.19	-0.03
	23	-3.72	-0.28	-1.33	0.00	-0.19	0.00
	24	-3.24	-0.04	-1.33	0.00	-0.19	-0.01
	25	1.49	3.86	-1.33	0.00	-0.19	-0.01
	26	1.86	4.88	-1.33	0.00	-0.19	-0.02
	27	-0.73	3.59	-1.33	0.00	-0.19	-0.00
	28	-0.35	4.60	-2.30	0.00	-0.33	-0.01

	29	3.11	4.66	-1.33	0.00	-0.19	-0.04
	30	3.49	5.67	-1.33	0.00	-0.19	-0.05
	31	0.89	4.39	-1.33	0.00	-0.19	-0.04
	32	1.27	5.40	-1.33	0.00	-0.19	-0.05
	33	-1.27	-5.40	-1.33	0.00	-0.19	0.05
	34	-0.89	-4.39	-1.33	0.00	-0.19	0.04
	35	-3.49	-5.67	-1.33	0.00	-0.19	0.05
	36	-3.11	-4.66	-1.33	0.00	-0.19	0.04
	37	0.35	-4.60	-1.33	0.00	-0.19	0.01
	38	0.73	-3.59	-1.33	0.00	-0.19	0.00
	39	-1.86	-4.88	-1.33	0.00	-0.19	0.02
	40	-1.49	-3.86	-1.33	0.00	-0.19	0.01
	41	0.24	0.01	-1.59	0.00	-0.22	-0.00
	42	-0.12	-0.00	-1.59	0.00	-0.22	0.00
	43	0.05	0.58	-1.59	0.00	-0.22	-0.00
	44	-0.08	-0.71	-1.59	0.00	-0.22	0.00
	45	0.40	0.01	-1.46	0.00	-0.20	-0.00
	46	-0.20	-0.00	-1.46	0.00	-0.20	0.00
	47	0.08	0.97	-1.46	0.00	-0.20	-0.00
	48	-0.14	-1.18	-1.46	0.00	-0.20	0.00
	49	0.00	0.00	-1.38	0.00	-0.19	0.00
	50	0.08	0.00	-1.33	0.00	-0.19	-0.00
	51	-0.04	-0.00	-1.33	0.00	-0.19	0.00
	52	0.02	0.19	-1.33	0.00	-0.19	-0.00
	53	-0.03	-0.24	-1.33	0.00	-0.19	0.00
	54	0.00	0.00	-1.33	0.00	-0.19	0.00
	55	2.67	0.04	-1.33	0.00	-0.19	0.01
	56	3.07	0.23	-1.33	0.00	-0.19	-0.00
	57	1.99	-2.26	-1.33	0.00	-0.19	0.02
	58	2.39	-2.06	-1.33	0.00	-0.19	0.01
	59	3.71	2.82	-1.33	0.00	-0.19	-0.02
	60	4.11	3.02	-1.33	0.00	-0.19	-0.03
	61	3.03	0.53	-2.30	0.00	-0.33	-0.01
	62	3.43	0.72	-1.33	0.00	-0.19	-0.02
	63	-3.43	-0.72	-1.33	0.00	-0.19	0.02
	64	-3.03	-0.53	-1.33	0.00	-0.19	0.01
	65	-4.11	-3.02	-1.33	0.00	-0.19	0.03
	66	-3.71	-2.82	-1.33	0.00	-0.19	0.02
	67	-2.39	2.06	-1.33	0.00	-0.19	-0.01
	68	-1.99	2.26	-1.33	0.00	-0.19	-0.02
	69	-3.07	-0.23	-1.33	0.00	-0.19	0.00
	70	-2.67	-0.04	-1.33	0.00	-0.19	-0.01
	71	1.23	3.19	-2.30	0.00	-0.33	-0.01
	72	1.54	4.02	-1.33	0.00	-0.19	-0.01
	73	-0.60	2.96	-1.33	0.00	-0.19	-0.00
	74	-0.29	3.79	-1.33	0.00	-0.19	-0.01
	75	2.56	3.85	-1.33	0.00	-0.19	-0.03
	76	2.88	4.68	-1.33	0.00	-0.19	-0.04
	77	0.73	3.62	-1.33	0.00	-0.19	-0.03
	78	1.05	4.45	-1.33	0.00	-0.19	-0.04
	79	-1.05	-4.45	-1.33	0.00	-0.19	0.04
	80	-0.73	-3.62	-1.33	0.00	-0.19	0.03
	81	-2.88	-4.68	-1.33	0.00	-0.19	0.04
	82	-2.56	-3.85	-1.33	0.00	-0.19	0.03
	83	0.29	-3.79	-1.33	0.00	-0.19	0.01
	84	0.60	-2.96	-1.33	0.00	-0.19	0.00
	85	-1.54	-4.02	-1.33	0.00	-0.19	0.01
	86	-1.23	-3.19	-1.33	0.00	-0.19	0.01
173	1	0.36	0.01	-1.79	0.00	0.42	-0.00
	2	-0.18	-0.00	-1.79	0.00	0.42	0.00
	3	0.07	0.86	-1.79	0.00	0.42	-0.00
	4	-0.12	-1.04	-1.79	0.00	0.42	0.00
	5	0.60	0.01	-1.61	0.00	0.37	-0.00
	6	-0.30	-0.01	-1.61	0.00	0.37	0.00
	7	0.12	1.43	-1.61	0.00	0.37	-0.00

	8	-0.21	-1.73	-1.61	0.00	0.37	0.00
	9	3.24	0.13	-1.06	0.00	0.25	0.01
	10	3.72	0.28	-1.06	0.00	0.25	-0.00
	11	2.41	-2.51	-1.06	0.00	0.25	0.03
	12	2.90	-2.36	-1.06	0.00	0.25	0.02
	13	4.50	3.19	-1.06	0.00	0.25	-0.03
	14	4.98	3.34	-1.06	0.00	0.25	-0.04
	15	3.67	0.56	-1.06	0.00	0.25	-0.01
	16	4.16	0.71	-1.06	0.00	0.25	-0.02
	17	-4.16	-0.71	-1.06	0.00	0.25	0.02
	18	-3.67	-0.56	-1.06	0.00	0.25	0.01
	19	-4.98	-3.34	-1.06	0.00	0.25	0.04
	20	-4.50	-3.19	-1.06	0.00	0.25	0.03
	21	-2.90	2.36	-1.06	0.00	0.25	-0.02
	22	-2.41	2.51	-1.06	0.00	0.25	-0.03
	23	-3.72	-0.28	-1.06	0.00	0.25	0.00
	24	-3.24	-0.13	-1.06	0.00	0.25	-0.01
	25	1.49	3.80	-1.06	0.00	0.25	-0.01
	26	1.86	4.72	-1.06	0.00	0.25	-0.02
	27	-0.73	3.55	-1.06	0.00	0.25	-0.00
	28	-0.35	4.47	-1.78	0.00	0.42	-0.01
	29	3.11	4.31	-1.06	0.00	0.25	-0.04
	30	3.49	5.23	-1.06	0.00	0.25	-0.05
	31	0.89	4.06	-1.06	0.00	0.25	-0.04
	32	1.27	4.98	-1.06	0.00	0.25	-0.05
	33	-1.27	-4.98	-1.06	0.00	0.25	0.05
	34	-0.89	-4.06	-1.06	0.00	0.25	0.04
	35	-3.49	-5.23	-1.06	0.00	0.25	0.05
	36	-3.11	-4.31	-1.06	0.00	0.25	0.04
	37	0.35	-4.47	-1.06	0.00	0.25	0.01
	38	0.73	-3.55	-1.06	0.00	0.25	0.00
	39	-1.86	-4.72	-1.06	0.00	0.25	0.02
	40	-1.49	-3.80	-1.06	0.00	0.25	0.01
	41	0.24	0.00	-1.31	0.00	0.30	-0.00
	42	-0.12	-0.00	-1.31	0.00	0.30	0.00
	43	0.05	0.57	-1.31	0.00	0.30	-0.00
	44	-0.08	-0.69	-1.31	0.00	0.30	0.00
	45	0.40	0.01	-1.18	0.00	0.27	-0.00
	46	-0.20	-0.00	-1.18	0.00	0.27	0.00
	47	0.08	0.95	-1.18	0.00	0.27	-0.00
	48	-0.14	-1.16	-1.18	0.00	0.27	0.00
	49	0.00	0.00	-1.11	0.00	0.26	0.00
	50	0.08	0.00	-1.06	0.00	0.25	-0.00
	51	-0.04	-0.00	-1.06	0.00	0.25	0.00
	52	0.02	0.19	-1.06	0.00	0.25	-0.00
	53	-0.03	-0.23	-1.06	0.00	0.25	0.00
	54	0.00	0.00	-1.06	0.00	0.25	0.00
	55	2.67	0.10	-1.06	0.00	0.25	0.01
	56	3.07	0.23	-1.06	0.00	0.25	-0.00
	57	1.99	-2.07	-1.06	0.00	0.25	0.02
	58	2.39	-1.94	-1.06	0.00	0.25	0.01
	59	3.71	2.63	-1.06	0.00	0.25	-0.02
	60	4.11	2.76	-1.06	0.00	0.25	-0.03
	61	3.03	0.46	-1.78	0.00	0.42	-0.01
	62	3.43	0.58	-1.06	0.00	0.25	-0.02
	63	-3.43	-0.58	-1.06	0.00	0.25	0.02
	64	-3.03	-0.46	-1.06	0.00	0.25	0.01
	65	-4.11	-2.76	-1.06	0.00	0.25	0.03
	66	-3.71	-2.63	-1.06	0.00	0.25	0.02
	67	-2.39	1.94	-1.06	0.00	0.25	-0.01
	68	-1.99	2.07	-1.06	0.00	0.25	-0.02
	69	-3.07	-0.23	-1.06	0.00	0.25	0.00
	70	-2.67	-0.10	-1.06	0.00	0.25	-0.01
	71	1.23	3.14	-1.78	0.00	0.42	-0.01
	72	1.54	3.90	-1.06	0.00	0.25	-0.01

	73	-0.60	2.93	-1.06	0.00	0.25	-0.00
	74	-0.29	3.69	-1.06	0.00	0.25	-0.01
	75	2.56	3.56	-1.06	0.00	0.25	-0.03
	76	2.88	4.32	-1.06	0.00	0.25	-0.04
	77	0.73	3.35	-1.06	0.00	0.25	-0.03
	78	1.05	4.11	-1.06	0.00	0.25	-0.04
	79	-1.05	-4.11	-1.06	0.00	0.25	0.04
	80	-0.73	-3.35	-1.06	0.00	0.25	0.03
	81	-2.88	-4.32	-1.06	0.00	0.25	0.04
	82	-2.56	-3.56	-1.06	0.00	0.25	0.03
	83	0.29	-3.69	-1.06	0.00	0.25	0.01
	84	0.60	-2.93	-1.06	0.00	0.25	0.00
	85	-1.54	-3.90	-1.06	0.00	0.25	0.01
	86	-1.23	-3.14	-1.06	0.00	0.25	0.01
174	1	0.36	0.01	-3.19	0.00	-0.14	-0.00
	2	-0.18	-0.00	-3.19	0.00	-0.14	0.00
	3	0.07	0.84	-3.19	0.00	-0.14	-0.00
	4	-0.12	-1.02	-3.19	0.00	-0.14	0.00
	5	0.60	0.01	-2.86	0.00	-0.12	-0.00
	6	-0.30	-0.00	-2.86	0.00	-0.12	0.00
	7	0.12	1.40	-2.86	0.00	-0.12	-0.00
	8	-0.21	-1.69	-2.86	0.00	-0.12	0.00
	9	3.24	0.21	-1.88	0.00	-0.08	0.01
	10	3.72	0.28	-1.88	0.00	-0.08	-0.00
	11	2.41	-2.28	-1.88	0.00	-0.08	0.03
	12	2.90	-2.22	-1.88	0.00	-0.08	0.02
	13	4.50	2.96	-1.88	0.00	-0.08	-0.03
	14	4.98	3.03	-1.88	0.00	-0.08	-0.04
	15	3.67	0.47	-1.88	0.00	-0.08	-0.01
	16	4.16	0.54	-1.88	0.00	-0.08	-0.02
	17	-4.16	-0.54	-1.88	0.00	-0.08	0.02
	18	-3.67	-0.47	-1.88	0.00	-0.08	0.01
	19	-4.98	-3.03	-1.88	0.00	-0.08	0.04
	20	-4.50	-2.96	-1.88	0.00	-0.08	0.03
	21	-2.90	2.22	-1.88	0.00	-0.08	-0.02
	22	-2.41	2.28	-1.88	0.00	-0.08	-0.03
	23	-3.72	-0.28	-1.88	0.00	-0.08	0.00
	24	-3.24	-0.21	-1.88	0.00	-0.08	-0.01
	25	1.49	3.74	-1.88	0.00	-0.08	-0.01
	26	1.86	4.57	-1.88	0.00	-0.08	-0.02
	27	-0.73	3.52	-1.88	0.00	-0.08	-0.00
	28	-0.35	4.34	-3.21	0.00	-0.13	-0.01
	29	3.11	3.96	-1.88	0.00	-0.08	-0.04
	30	3.49	4.79	-1.88	0.00	-0.08	-0.05
	31	0.89	3.74	-1.88	0.00	-0.08	-0.04
	32	1.27	4.56	-1.88	0.00	-0.08	-0.05
	33	-1.27	-4.56	-1.88	0.00	-0.08	0.05
	34	-0.89	-3.74	-1.88	0.00	-0.08	0.04
	35	-3.49	-4.79	-1.88	0.00	-0.08	0.05
	36	-3.11	-3.96	-1.88	0.00	-0.08	0.04
	37	0.35	-4.34	-1.88	0.00	-0.08	0.01
	38	0.73	-3.52	-1.88	0.00	-0.08	0.00
	39	-1.86	-4.57	-1.88	0.00	-0.08	0.02
	40	-1.49	-3.74	-1.88	0.00	-0.08	0.01
	41	0.24	0.00	-2.32	0.00	-0.10	-0.00
	42	-0.12	-0.00	-2.32	0.00	-0.10	0.00
	43	0.05	0.56	-2.32	0.00	-0.10	-0.00
	44	-0.08	-0.68	-2.32	0.00	-0.10	0.00
	45	0.40	0.01	-2.10	0.00	-0.09	-0.00
	46	-0.20	-0.00	-2.10	0.00	-0.09	0.00
	47	0.08	0.94	-2.10	0.00	-0.09	-0.00
	48	-0.14	-1.13	-2.10	0.00	-0.09	0.00
	49	0.00	0.00	-1.97	0.00	-0.08	0.00
	50	0.08	0.00	-1.88	0.00	-0.08	-0.00
	51	-0.04	-0.00	-1.88	0.00	-0.08	0.00

	52	0.02	0.19	-1.88	0.00	-0.08	-0.00
	53	-0.03	-0.23	-1.88	0.00	-0.08	0.00
	54	0.00	0.00	-1.88	0.00	-0.08	0.00
	55	2.67	0.17	-1.88	0.00	-0.08	0.01
	56	3.07	0.23	-1.88	0.00	-0.08	-0.00
	57	1.99	-1.88	-1.88	0.00	-0.08	0.02
	58	2.39	-1.83	-1.88	0.00	-0.08	0.01
	59	3.71	2.45	-1.88	0.00	-0.08	-0.02
	60	4.11	2.50	-1.88	0.00	-0.08	-0.03
	61	3.03	0.39	-3.21	0.00	-0.13	-0.01
	62	3.43	0.44	-1.88	0.00	-0.08	-0.02
	63	-3.43	-0.44	-1.88	0.00	-0.08	0.02
	64	-3.03	-0.39	-1.88	0.00	-0.08	0.01
	65	-4.11	-2.50	-1.88	0.00	-0.08	0.03
	66	-3.71	-2.45	-1.88	0.00	-0.08	0.02
	67	-2.39	1.83	-1.88	0.00	-0.08	-0.01
	68	-1.99	1.88	-1.88	0.00	-0.08	-0.02
	69	-3.07	-0.23	-1.88	0.00	-0.08	0.00
	70	-2.67	-0.17	-1.88	0.00	-0.08	-0.01
	71	1.23	3.09	-3.21	0.00	-0.13	-0.01
	72	1.54	3.77	-1.88	0.00	-0.08	-0.01
	73	-0.60	2.90	-1.88	0.00	-0.08	-0.00
	74	-0.29	3.58	-1.88	0.00	-0.08	-0.01
	75	2.56	3.27	-1.88	0.00	-0.08	-0.03
	76	2.88	3.95	-1.88	0.00	-0.08	-0.04
	77	0.73	3.08	-1.88	0.00	-0.08	-0.03
	78	1.05	3.77	-1.88	0.00	-0.08	-0.04
	79	-1.05	-3.77	-1.88	0.00	-0.08	0.04
	80	-0.73	-3.08	-1.88	0.00	-0.08	0.03
	81	-2.88	-3.95	-1.88	0.00	-0.08	0.04
	82	-2.56	-3.27	-1.88	0.00	-0.08	0.03
	83	0.29	-3.58	-1.88	0.00	-0.08	0.01
	84	0.60	-2.90	-1.88	0.00	-0.08	0.00
	85	-1.54	-3.77	-1.88	0.00	-0.08	0.01
	86	-1.23	-3.09	-1.88	0.00	-0.08	0.01
175	1	0.36	0.00	-0.12	0.00	0.47	-0.00
	2	-0.18	-0.00	-0.12	0.00	0.47	0.00
	3	0.07	0.83	-0.12	0.00	0.47	-0.00
	4	-0.12	-0.99	-0.12	0.00	0.47	0.00
	5	0.60	0.01	-0.10	0.00	0.42	-0.00
	6	-0.30	-0.00	-0.10	0.00	0.42	0.00
	7	0.12	1.38	-0.10	0.00	0.42	-0.00
	8	-0.21	-1.65	-0.10	0.00	0.42	0.00
	9	3.24	0.29	-0.07	0.00	0.28	0.01
	10	3.72	0.27	-0.07	0.00	0.28	-0.00
	11	2.41	-2.06	-0.07	0.00	0.28	0.03
	12	2.90	-2.08	-0.07	0.00	0.28	0.02
	13	4.50	2.74	-0.07	0.00	0.28	-0.03
	14	4.98	2.72	-0.07	0.00	0.28	-0.04
	15	3.67	0.39	-0.07	0.00	0.28	-0.01
	16	4.16	0.37	-0.07	0.00	0.28	-0.02
	17	-4.16	-0.37	-0.07	0.00	0.28	0.02
	18	-3.67	-0.39	-0.07	0.00	0.28	0.01
	19	-4.98	-2.72	-0.07	0.00	0.28	0.04
	20	-4.50	-2.74	-0.07	0.00	0.28	0.03
	21	-2.90	2.08	-0.07	0.00	0.28	-0.02
	22	-2.41	2.06	-0.07	0.00	0.28	-0.03
	23	-3.72	-0.27	-0.07	0.00	0.28	0.00
	24	-3.24	-0.29	-0.07	0.00	0.28	-0.01
	25	1.49	3.68	-0.07	0.00	0.28	-0.01
	26	1.86	4.41	-0.07	0.00	0.28	-0.02
	27	-0.73	3.48	-0.07	0.00	0.28	-0.00
	28	-0.35	4.22	-0.11	0.00	0.48	-0.01
	29	3.11	3.61	-0.07	0.00	0.28	-0.04
	30	3.49	4.35	-0.07	0.00	0.28	-0.05

	31	0.89	3.41	-0.07	0.00	0.28	-0.04
	32	1.27	4.15	-0.07	0.00	0.28	-0.05
	33	-1.27	-4.15	-0.07	0.00	0.28	0.05
	34	-0.89	-3.41	-0.07	0.00	0.28	0.04
	35	-3.49	-4.35	-0.07	0.00	0.28	0.05
	36	-3.11	-3.61	-0.07	0.00	0.28	0.04
	37	0.35	-4.22	-0.07	0.00	0.28	0.01
	38	0.73	-3.48	-0.07	0.00	0.28	0.00
	39	-1.86	-4.41	-0.07	0.00	0.28	0.02
	40	-1.49	-3.68	-0.07	0.00	0.28	0.01
	41	0.24	0.00	-0.09	0.00	0.34	-0.00
	42	-0.12	-0.00	-0.09	0.00	0.34	0.00
	43	0.05	0.55	-0.09	0.00	0.34	-0.00
	44	-0.08	-0.66	-0.09	0.00	0.34	0.00
	45	0.40	0.00	-0.08	0.00	0.31	-0.00
	46	-0.20	-0.00	-0.08	0.00	0.31	0.00
	47	0.08	0.92	-0.08	0.00	0.31	-0.00
	48	-0.14	-1.10	-0.08	0.00	0.31	0.00
	49	0.00	0.00	-0.07	0.00	0.29	0.00
	50	0.08	0.00	-0.07	0.00	0.28	-0.00
	51	-0.04	-0.00	-0.07	0.00	0.28	0.00
	52	0.02	0.18	-0.07	0.00	0.28	-0.00
	53	-0.03	-0.22	-0.07	0.00	0.28	0.00
	54	0.00	0.00	-0.07	0.00	0.28	0.00
	55	2.67	0.24	-0.07	0.00	0.28	0.01
	56	3.07	0.22	-0.07	0.00	0.28	-0.00
	57	1.99	-1.70	-0.07	0.00	0.28	0.02
	58	2.39	-1.71	-0.07	0.00	0.28	0.01
	59	3.71	2.26	-0.07	0.00	0.28	-0.02
	60	4.11	2.24	-0.07	0.00	0.28	-0.03
	61	3.03	0.32	-0.11	0.00	0.48	-0.01
	62	3.43	0.31	-0.07	0.00	0.28	-0.02
	63	-3.43	-0.31	-0.07	0.00	0.28	0.02
	64	-3.03	-0.32	-0.07	0.00	0.28	0.01
	65	-4.11	-2.24	-0.07	0.00	0.28	0.03
	66	-3.71	-2.26	-0.07	0.00	0.28	0.02
	67	-2.39	1.71	-0.07	0.00	0.28	-0.01
	68	-1.99	1.70	-0.07	0.00	0.28	-0.02
	69	-3.07	-0.22	-0.07	0.00	0.28	0.00
	70	-2.67	-0.24	-0.07	0.00	0.28	-0.01
	71	1.23	3.04	-0.11	0.00	0.48	-0.01
	72	1.54	3.64	-0.07	0.00	0.28	-0.01
	73	-0.60	2.87	-0.07	0.00	0.28	-0.00
	74	-0.29	3.48	-0.07	0.00	0.28	-0.01
	75	2.56	2.98	-0.07	0.00	0.28	-0.03
	76	2.88	3.59	-0.07	0.00	0.28	-0.04
	77	0.73	2.82	-0.07	0.00	0.28	-0.03
	78	1.05	3.42	-0.07	0.00	0.28	-0.04
	79	-1.05	-3.42	-0.07	0.00	0.28	0.04
	80	-0.73	-2.82	-0.07	0.00	0.28	0.03
	81	-2.88	-3.59	-0.07	0.00	0.28	0.04
	82	-2.56	-2.98	-0.07	0.00	0.28	0.03
	83	0.29	-3.48	-0.07	0.00	0.28	0.01
	84	0.60	-2.87	-0.07	0.00	0.28	0.00
	85	-1.54	-3.64	-0.07	0.00	0.28	0.01
	86	-1.23	-3.04	-0.07	0.00	0.28	0.01
176	1	0.36	0.00	-3.21	0.00	0.12	-0.00
	2	-0.18	-0.00	-3.21	0.00	0.12	0.00
	3	0.07	0.81	-3.21	0.00	0.12	-0.00
	4	-0.12	-0.97	-3.21	0.00	0.12	0.00
	5	0.60	0.00	-2.87	0.00	0.11	-0.00
	6	-0.30	-0.00	-2.87	0.00	0.11	0.00
	7	0.12	1.36	-2.87	0.00	0.11	-0.00
	8	-0.21	-1.61	-2.87	0.00	0.11	0.00
	9	3.24	0.37	-1.89	0.00	0.07	0.01

	10	3.72	0.27	-1.89	0.00	0.07	-0.00
	11	2.41	-1.83	-1.89	0.00	0.07	0.03
	12	2.90	-1.94	-1.89	0.00	0.07	0.02
	13	4.50	2.51	-1.89	0.00	0.07	-0.03
	14	4.98	2.41	-1.89	0.00	0.07	-0.04
	15	3.67	0.31	-1.89	0.00	0.07	-0.01
	16	4.16	0.20	-1.89	0.00	0.07	-0.02
	17	-4.16	-0.20	-1.89	0.00	0.07	0.02
	18	-3.67	-0.31	-1.89	0.00	0.07	0.01
	19	-4.98	-2.41	-1.89	0.00	0.07	0.04
	20	-4.50	-2.51	-1.89	0.00	0.07	0.03
	21	-2.90	1.94	-1.89	0.00	0.07	-0.02
	22	-2.41	1.83	-1.89	0.00	0.07	-0.03
	23	-3.72	-0.27	-1.89	0.00	0.07	0.00
	24	-3.24	-0.37	-1.89	0.00	0.07	-0.01
	25	1.49	3.62	-1.89	0.00	0.07	-0.01
	26	1.86	4.26	-1.89	0.00	0.07	-0.02
	27	-0.73	3.45	-1.89	0.00	0.07	-0.00
	28	-0.35	4.09	-3.21	0.00	0.12	-0.01
	29	3.11	3.26	-1.89	0.00	0.07	-0.04
	30	3.49	3.91	-1.89	0.00	0.07	-0.05
	31	0.89	3.09	-1.89	0.00	0.07	-0.04
	32	1.27	3.73	-1.89	0.00	0.07	-0.05
	33	-1.27	-3.73	-1.89	0.00	0.07	0.05
	34	-0.89	-3.09	-1.89	0.00	0.07	0.04
	35	-3.49	-3.91	-1.89	0.00	0.07	0.05
	36	-3.11	-3.26	-1.89	0.00	0.07	0.04
	37	0.35	-4.09	-1.89	0.00	0.07	0.01
	38	0.73	-3.45	-1.89	0.00	0.07	0.00
	39	-1.86	-4.26	-1.89	0.00	0.07	0.02
	40	-1.49	-3.62	-1.89	0.00	0.07	0.01
	41	0.24	0.00	-2.34	0.00	0.09	-0.00
	42	-0.12	-0.00	-2.34	0.00	0.09	0.00
	43	0.05	0.54	-2.34	0.00	0.09	-0.00
	44	-0.08	-0.64	-2.34	0.00	0.09	0.00
	45	0.40	0.00	-2.12	0.00	0.08	-0.00
	46	-0.20	-0.00	-2.12	0.00	0.08	0.00
	47	0.08	0.90	-2.12	0.00	0.08	-0.00
	48	-0.14	-1.07	-2.12	0.00	0.08	0.00
	49	0.00	0.00	-1.98	0.00	0.08	0.00
	50	0.08	0.00	-1.89	0.00	0.07	-0.00
	51	-0.04	-0.00	-1.89	0.00	0.07	0.00
	52	0.02	0.18	-1.89	0.00	0.07	-0.00
	53	-0.03	-0.21	-1.89	0.00	0.07	0.00
	54	0.00	0.00	-1.89	0.00	0.07	0.00
	55	2.67	0.31	-1.89	0.00	0.07	0.01
	56	3.07	0.22	-1.89	0.00	0.07	-0.00
	57	1.99	-1.51	-1.89	0.00	0.07	0.02
	58	2.39	-1.60	-1.89	0.00	0.07	0.01
	59	3.71	2.07	-1.89	0.00	0.07	-0.02
	60	4.11	1.99	-1.89	0.00	0.07	-0.03
	61	3.03	0.25	-3.21	0.00	0.12	-0.01
	62	3.43	0.17	-1.89	0.00	0.07	-0.02
	63	-3.43	-0.17	-1.89	0.00	0.07	0.02
	64	-3.03	-0.25	-1.89	0.00	0.07	0.01
	65	-4.11	-1.99	-1.89	0.00	0.07	0.03
	66	-3.71	-2.07	-1.89	0.00	0.07	0.02
	67	-2.39	1.60	-1.89	0.00	0.07	-0.01
	68	-1.99	1.51	-1.89	0.00	0.07	-0.02
	69	-3.07	-0.22	-1.89	0.00	0.07	0.00
	70	-2.67	-0.31	-1.89	0.00	0.07	-0.01
	71	1.23	2.98	-3.21	0.00	0.12	-0.01
	72	1.54	3.51	-1.89	0.00	0.07	-0.01
	73	-0.60	2.84	-1.89	0.00	0.07	-0.00
	74	-0.29	3.37	-1.89	0.00	0.07	-0.01

	75	2.56	2.69	-1.89	0.00	0.07	-0.03
	76	2.88	3.22	-1.89	0.00	0.07	-0.04
	77	0.73	2.55	-1.89	0.00	0.07	-0.03
	78	1.05	3.08	-1.89	0.00	0.07	-0.04
	79	-1.05	-3.08	-1.89	0.00	0.07	0.04
	80	-0.73	-2.55	-1.89	0.00	0.07	0.03
	81	-2.88	-3.22	-1.89	0.00	0.07	0.04
	82	-2.56	-2.69	-1.89	0.00	0.07	0.03
	83	0.29	-3.37	-1.89	0.00	0.07	0.01
	84	0.60	-2.84	-1.89	0.00	0.07	0.00
	85	-1.54	-3.51	-1.89	0.00	0.07	0.01
	86	-1.23	-2.98	-1.89	0.00	0.07	0.01
177	1	0.36	0.00	-1.72	0.00	-0.42	-0.00
	2	-0.18	-0.00	-1.72	0.00	-0.42	0.00
	3	0.07	0.80	-1.72	0.00	-0.42	-0.00
	4	-0.12	-0.94	-1.72	0.00	-0.42	0.00
	5	0.60	0.00	-1.54	0.00	-0.38	-0.00
	6	-0.30	-0.00	-1.54	0.00	-0.38	0.00
	7	0.12	1.33	-1.54	0.00	-0.38	-0.00
	8	-0.21	-1.57	-1.54	0.00	-0.38	0.00
	9	3.24	0.46	-1.01	0.00	-0.25	0.01
	10	3.72	0.26	-1.01	0.00	-0.25	-0.00
	11	2.41	-1.61	-1.01	0.00	-0.25	0.03
	12	2.90	-1.80	-1.01	0.00	-0.25	0.02
	13	4.50	2.29	-1.01	0.00	-0.25	-0.03
	14	4.98	2.09	-1.01	0.00	-0.25	-0.04
	15	3.67	0.23	-1.01	0.00	-0.25	-0.01
	16	4.16	0.03	-1.01	0.00	-0.25	-0.02
	17	-4.16	-0.03	-1.01	0.00	-0.25	0.02
	18	-3.67	-0.23	-1.01	0.00	-0.25	0.01
	19	-4.98	-2.09	-1.01	0.00	-0.25	0.04
	20	-4.50	-2.29	-1.01	0.00	-0.25	0.03
	21	-2.90	1.80	-1.01	0.00	-0.25	-0.02
	22	-2.41	1.61	-1.01	0.00	-0.25	-0.03
	23	-3.72	-0.26	-1.01	0.00	-0.25	0.00
	24	-3.24	-0.46	-1.01	0.00	-0.25	-0.01
	25	1.49	3.56	-1.01	0.00	-0.25	-0.01
	26	1.86	4.11	-1.01	0.00	-0.25	-0.02
	27	-0.73	3.41	-1.01	0.00	-0.25	-0.00
	28	-0.35	3.96	-1.70	0.00	-0.42	-0.01
	29	3.11	2.91	-1.01	0.00	-0.25	-0.04
	30	3.49	3.46	-1.01	0.00	-0.25	-0.05
	31	0.89	2.77	-1.01	0.00	-0.25	-0.04
	32	1.27	3.32	-1.01	0.00	-0.25	-0.05
	33	-1.27	-3.32	-1.01	0.00	-0.25	0.05
	34	-0.89	-2.77	-1.01	0.00	-0.25	0.04
	35	-3.49	-3.46	-1.01	0.00	-0.25	0.05
	36	-3.11	-2.91	-1.01	0.00	-0.25	0.04
	37	0.35	-3.96	-1.01	0.00	-0.25	0.01
	38	0.73	-3.41	-1.01	0.00	-0.25	0.00
	39	-1.86	-4.11	-1.01	0.00	-0.25	0.02
	40	-1.49	-3.56	-1.01	0.00	-0.25	0.01
	41	0.24	0.00	-1.25	0.00	-0.31	-0.00
	42	-0.12	-0.00	-1.25	0.00	-0.31	0.00
	43	0.05	0.53	-1.25	0.00	-0.31	-0.00
	44	-0.08	-0.63	-1.25	0.00	-0.31	0.00
	45	0.40	0.00	-1.13	0.00	-0.28	-0.00
	46	-0.20	-0.00	-1.13	0.00	-0.28	0.00
	47	0.08	0.89	-1.13	0.00	-0.28	-0.00
	48	-0.14	-1.05	-1.13	0.00	-0.28	0.00
	49	0.00	0.00	-1.06	0.00	-0.26	0.00
	50	0.08	0.00	-1.01	0.00	-0.25	-0.00
	51	-0.04	-0.00	-1.01	0.00	-0.25	0.00
	52	0.02	0.18	-1.01	0.00	-0.25	-0.00
	53	-0.03	-0.21	-1.01	0.00	-0.25	0.00

	54	0.00	0.00	-1.01	0.00	-0.25	0.00
	55	2.67	0.38	-1.01	0.00	-0.25	0.01
	56	3.07	0.22	-1.01	0.00	-0.25	-0.00
	57	1.99	-1.33	-1.01	0.00	-0.25	0.02
	58	2.39	-1.48	-1.01	0.00	-0.25	0.01
	59	3.71	1.89	-1.01	0.00	-0.25	-0.02
	60	4.11	1.73	-1.01	0.00	-0.25	-0.03
	61	3.03	0.19	-1.70	0.00	-0.42	-0.01
	62	3.43	0.03	-1.01	0.00	-0.25	-0.02
	63	-3.43	-0.03	-1.01	0.00	-0.25	0.02
	64	-3.03	-0.19	-1.01	0.00	-0.25	0.01
	65	-4.11	-1.73	-1.01	0.00	-0.25	0.03
	66	-3.71	-1.89	-1.01	0.00	-0.25	0.02
	67	-2.39	1.48	-1.01	0.00	-0.25	-0.01
	68	-1.99	1.33	-1.01	0.00	-0.25	-0.02
	69	-3.07	-0.22	-1.01	0.00	-0.25	0.00
	70	-2.67	-0.38	-1.01	0.00	-0.25	-0.01
	71	1.23	2.93	-1.70	0.00	-0.42	-0.01
	72	1.54	3.39	-1.01	0.00	-0.25	-0.01
	73	-0.60	2.81	-1.01	0.00	-0.25	-0.00
	74	-0.29	3.27	-1.01	0.00	-0.25	-0.01
	75	2.56	2.40	-1.01	0.00	-0.25	-0.03
	76	2.88	2.86	-1.01	0.00	-0.25	-0.04
	77	0.73	2.28	-1.01	0.00	-0.25	-0.03
	78	1.05	2.74	-1.01	0.00	-0.25	-0.04
	79	-1.05	-2.74	-1.01	0.00	-0.25	0.04
	80	-0.73	-2.28	-1.01	0.00	-0.25	0.03
	81	-2.88	-2.86	-1.01	0.00	-0.25	0.04
	82	-2.56	-2.40	-1.01	0.00	-0.25	0.03
	83	0.29	-3.27	-1.01	0.00	-0.25	0.01
	84	0.60	-2.81	-1.01	0.00	-0.25	0.00
	85	-1.54	-3.39	-1.01	0.00	-0.25	0.01
	86	-1.23	-2.93	-1.01	0.00	-0.25	0.01
178	1	0.36	0.00	-2.56	0.00	0.35	-0.00
	2	-0.18	-0.00	-2.56	0.00	0.35	0.00
	3	0.07	0.79	-2.56	0.00	0.35	-0.00
	4	-0.12	-0.92	-2.56	0.00	0.35	0.00
	5	0.60	0.00	-2.29	0.00	0.31	-0.00
	6	-0.30	-0.00	-2.29	0.00	0.31	0.00
	7	0.12	1.31	-2.29	0.00	0.31	-0.00
	8	-0.21	-1.53	-2.29	0.00	0.31	0.00
	9	3.24	0.54	-1.51	0.00	0.20	0.01
	10	3.72	0.26	-1.51	0.00	0.20	-0.00
	11	2.41	-1.38	-1.51	0.00	0.20	0.03
	12	2.90	-1.66	-1.51	0.00	0.20	0.02
	13	4.50	2.06	-1.51	0.00	0.20	-0.03
	14	4.98	1.78	-1.51	0.00	0.20	-0.04
	15	3.67	0.14	-1.51	0.00	0.20	-0.01
	16	4.16	-0.14	-1.51	0.00	0.20	-0.02
	17	-4.16	0.14	-1.51	0.00	0.20	0.02
	18	-3.67	-0.14	-1.51	0.00	0.20	0.01
	19	-4.98	-1.78	-1.51	0.00	0.20	0.04
	20	-4.50	-2.06	-1.51	0.00	0.20	0.03
	21	-2.90	1.66	-1.51	0.00	0.20	-0.02
	22	-2.41	1.38	-1.51	0.00	0.20	-0.03
	23	-3.72	-0.26	-1.51	0.00	0.20	0.00
	24	-3.24	-0.54	-1.51	0.00	0.20	-0.01
	25	1.49	3.49	-1.51	0.00	0.20	-0.01
	26	1.86	3.95	-1.51	0.00	0.20	-0.02
	27	-0.73	3.37	-1.51	0.00	0.20	-0.00
	28	-0.35	3.83	-2.51	0.00	0.34	-0.01
	29	3.11	2.56	-1.51	0.00	0.20	-0.04
	30	3.49	3.02	-1.51	0.00	0.20	-0.05
	31	0.89	2.44	-1.51	0.00	0.20	-0.04
	32	1.27	2.90	-1.51	0.00	0.20	-0.05

	33	-1.27	-2.90	-1.51	0.00	0.20	0.05
	34	-0.89	-2.44	-1.51	0.00	0.20	0.04
	35	-3.49	-3.02	-1.51	0.00	0.20	0.05
	36	-3.11	-2.56	-1.51	0.00	0.20	0.04
	37	0.35	-3.83	-1.51	0.00	0.20	0.01
	38	0.73	-3.37	-1.51	0.00	0.20	0.00
	39	-1.86	-3.95	-1.51	0.00	0.20	0.02
	40	-1.49	-3.49	-1.51	0.00	0.20	0.01
	41	0.24	0.00	-1.87	0.00	0.25	-0.00
	42	-0.12	-0.00	-1.87	0.00	0.25	0.00
	43	0.05	0.52	-1.87	0.00	0.25	-0.00
	44	-0.08	-0.61	-1.87	0.00	0.25	0.00
	45	0.40	0.00	-1.69	0.00	0.23	-0.00
	46	-0.20	-0.00	-1.69	0.00	0.23	0.00
	47	0.08	0.87	-1.69	0.00	0.23	-0.00
	48	-0.14	-1.02	-1.69	0.00	0.23	0.00
	49	0.00	0.00	-1.58	0.00	0.21	0.00
	50	0.08	0.00	-1.51	0.00	0.20	-0.00
	51	-0.04	-0.00	-1.51	0.00	0.20	0.00
	52	0.02	0.17	-1.51	0.00	0.20	-0.00
	53	-0.03	-0.20	-1.51	0.00	0.20	0.00
	54	0.00	0.00	-1.51	0.00	0.20	0.00
	55	2.67	0.44	-1.51	0.00	0.20	0.01
	56	3.07	0.21	-1.51	0.00	0.20	-0.00
	57	1.99	-1.14	-1.51	0.00	0.20	0.02
	58	2.39	-1.37	-1.51	0.00	0.20	0.01
	59	3.71	1.70	-1.51	0.00	0.20	-0.02
	60	4.11	1.47	-1.51	0.00	0.20	-0.03
	61	3.03	0.12	-2.51	0.00	0.34	-0.01
	62	3.43	-0.11	-1.51	0.00	0.20	-0.02
	63	-3.43	0.11	-1.51	0.00	0.20	0.02
	64	-3.03	-0.12	-1.51	0.00	0.20	0.01
	65	-4.11	-1.47	-1.51	0.00	0.20	0.03
	66	-3.71	-1.70	-1.51	0.00	0.20	0.02
	67	-2.39	1.37	-1.51	0.00	0.20	-0.01
	68	-1.99	1.14	-1.51	0.00	0.20	-0.02
	69	-3.07	-0.21	-1.51	0.00	0.20	0.00
	70	-2.67	-0.44	-1.51	0.00	0.20	-0.01
	71	1.23	2.88	-2.51	0.00	0.34	-0.01
	72	1.54	3.26	-1.51	0.00	0.20	-0.01
	73	-0.60	2.78	-1.51	0.00	0.20	-0.00
	74	-0.29	3.16	-1.51	0.00	0.20	-0.01
	75	2.56	2.12	-1.51	0.00	0.20	-0.03
	76	2.88	2.49	-1.51	0.00	0.20	-0.04
	77	0.73	2.02	-1.51	0.00	0.20	-0.03
	78	1.05	2.39	-1.51	0.00	0.20	-0.04
	79	-1.05	-2.39	-1.51	0.00	0.20	0.04
	80	-0.73	-2.02	-1.51	0.00	0.20	0.03
	81	-2.88	-2.49	-1.51	0.00	0.20	0.04
	82	-2.56	-2.12	-1.51	0.00	0.20	0.03
	83	0.29	-3.16	-1.51	0.00	0.20	0.01
	84	0.60	-2.78	-1.51	0.00	0.20	0.00
	85	-1.54	-3.26	-1.51	0.00	0.20	0.01
	86	-1.23	-2.88	-1.51	0.00	0.20	0.01
179	1	0.36	-0.00	-3.02	0.00	-0.26	-0.00
	2	-0.18	0.00	-3.02	0.00	-0.26	0.00
	3	0.07	0.77	-3.02	0.00	-0.26	-0.00
	4	-0.12	-0.89	-3.02	0.00	-0.26	0.00
	5	0.60	-0.00	-2.70	0.00	-0.23	-0.00
	6	-0.30	0.00	-2.70	0.00	-0.23	0.00
	7	0.12	1.29	-2.70	0.00	-0.23	-0.00
	8	-0.21	-1.49	-2.70	0.00	-0.23	0.00
	9	3.24	0.62	-1.78	0.00	-0.15	0.01
	10	3.72	0.25	-1.78	0.00	-0.15	-0.00
	11	2.41	-1.16	-1.78	0.00	-0.15	0.03

	12	2.90	-1.52	-1.78	0.00	-0.15	0.02
	13	4.50	1.84	-1.78	0.00	-0.15	-0.03
	14	4.98	1.47	-1.78	0.00	-0.15	-0.04
	15	3.67	0.06	-1.78	0.00	-0.15	-0.01
	16	4.16	-0.30	-1.78	0.00	-0.15	-0.02
	17	-4.16	0.30	-1.78	0.00	-0.15	0.02
	18	-3.67	-0.06	-1.78	0.00	-0.15	0.01
	19	-4.98	-1.47	-1.78	0.00	-0.15	0.04
	20	-4.50	-1.84	-1.78	0.00	-0.15	0.03
	21	-2.90	1.52	-1.78	0.00	-0.15	-0.02
	22	-2.41	1.16	-1.78	0.00	-0.15	-0.03
	23	-3.72	-0.25	-1.78	0.00	-0.15	0.00
	24	-3.24	-0.62	-1.78	0.00	-0.15	-0.01
	25	1.49	3.43	-1.78	0.00	-0.15	-0.01
	26	1.86	3.80	-1.78	0.00	-0.15	-0.02
	27	-0.73	3.34	-1.78	0.00	-0.15	-0.00
	28	-0.35	3.70	-2.97	0.00	-0.25	-0.01
	29	3.11	2.21	-1.78	0.00	-0.15	-0.04
	30	3.49	2.58	-1.78	0.00	-0.15	-0.05
	31	0.89	2.12	-1.78	0.00	-0.15	-0.04
	32	1.27	2.48	-1.78	0.00	-0.15	-0.05
	33	-1.27	-2.48	-1.78	0.00	-0.15	0.05
	34	-0.89	-2.12	-1.78	0.00	-0.15	0.04
	35	-3.49	-2.58	-1.78	0.00	-0.15	0.05
	36	-3.11	-2.21	-1.78	0.00	-0.15	0.04
	37	0.35	-3.70	-1.78	0.00	-0.15	0.01
	38	0.73	-3.34	-1.78	0.00	-0.15	0.00
	39	-1.86	-3.80	-1.78	0.00	-0.15	0.02
	40	-1.49	-3.43	-1.78	0.00	-0.15	0.01
	41	0.24	-0.00	-2.20	0.00	-0.19	-0.00
	42	-0.12	0.00	-2.20	0.00	-0.19	0.00
	43	0.05	0.51	-2.20	0.00	-0.19	-0.00
	44	-0.08	-0.59	-2.20	0.00	-0.19	0.00
	45	0.40	-0.00	-1.99	0.00	-0.17	-0.00
	46	-0.20	0.00	-1.99	0.00	-0.17	0.00
	47	0.08	0.86	-1.99	0.00	-0.17	-0.00
	48	-0.14	-0.99	-1.99	0.00	-0.17	0.00
	49	0.00	0.00	-1.86	0.00	-0.16	0.00
	50	0.08	-0.00	-1.78	0.00	-0.15	-0.00
	51	-0.04	0.00	-1.78	0.00	-0.15	0.00
	52	0.02	0.17	-1.78	0.00	-0.15	-0.00
	53	-0.03	-0.20	-1.78	0.00	-0.15	0.00
	54	0.00	0.00	-1.78	0.00	-0.15	0.00
	55	2.67	0.51	-1.78	0.00	-0.15	0.01
	56	3.07	0.21	-1.78	0.00	-0.15	-0.00
	57	1.99	-0.95	-1.78	0.00	-0.15	0.02
	58	2.39	-1.26	-1.78	0.00	-0.15	0.01
	59	3.71	1.52	-1.78	0.00	-0.15	-0.02
	60	4.11	1.21	-1.78	0.00	-0.15	-0.03
	61	3.03	0.05	-2.97	0.00	-0.25	-0.01
	62	3.43	-0.25	-1.78	0.00	-0.15	-0.02
	63	-3.43	0.25	-1.78	0.00	-0.15	0.02
	64	-3.03	-0.05	-1.78	0.00	-0.15	0.01
	65	-4.11	-1.21	-1.78	0.00	-0.15	0.03
	66	-3.71	-1.52	-1.78	0.00	-0.15	0.02
	67	-2.39	1.26	-1.78	0.00	-0.15	-0.01
	68	-1.99	0.95	-1.78	0.00	-0.15	-0.02
	69	-3.07	-0.21	-1.78	0.00	-0.15	0.00
	70	-2.67	-0.51	-1.78	0.00	-0.15	-0.01
	71	1.23	2.83	-2.97	0.00	-0.25	-0.01
	72	1.54	3.13	-1.78	0.00	-0.15	-0.01
	73	-0.60	2.75	-1.78	0.00	-0.15	-0.00
	74	-0.29	3.06	-1.78	0.00	-0.15	-0.01
	75	2.56	1.83	-1.78	0.00	-0.15	-0.03
	76	2.88	2.13	-1.78	0.00	-0.15	-0.04

	77	0.73	1.75	-1.78	0.00	-0.15	-0.03
	78	1.05	2.05	-1.78	0.00	-0.15	-0.04
	79	-1.05	-2.05	-1.78	0.00	-0.15	0.04
	80	-0.73	-1.75	-1.78	0.00	-0.15	0.03
	81	-2.88	-2.13	-1.78	0.00	-0.15	0.04
	82	-2.56	-1.83	-1.78	0.00	-0.15	0.03
	83	0.29	-3.06	-1.78	0.00	-0.15	0.01
	84	0.60	-2.75	-1.78	0.00	-0.15	0.00
	85	-1.54	-3.13	-1.78	0.00	-0.15	0.01
	86	-1.23	-2.83	-1.78	0.00	-0.15	0.01
180	1	0.36	-0.00	-1.00	0.00	0.48	-0.00
	2	-0.18	0.00	-1.00	0.00	0.48	0.00
	3	0.07	0.76	-1.00	0.00	0.48	-0.00
	4	-0.12	-0.87	-1.00	0.00	0.48	0.00
	5	0.60	-0.00	-0.90	0.00	0.43	-0.00
	6	-0.30	0.00	-0.90	0.00	0.43	0.00
	7	0.12	1.26	-0.90	0.00	0.43	-0.00
	8	-0.21	-1.45	-0.90	0.00	0.43	0.00
	9	3.24	0.70	-0.59	0.00	0.28	0.01
	10	3.72	0.25	-0.59	0.00	0.28	-0.00
	11	2.41	-0.93	-0.59	0.00	0.28	0.03
	12	2.90	-1.38	-0.59	0.00	0.28	0.02
	13	4.50	1.61	-0.59	0.00	0.28	-0.03
	14	4.98	1.16	-0.59	0.00	0.28	-0.04
	15	3.67	-0.02	-0.59	0.00	0.28	-0.01
	16	4.16	-0.47	-0.59	0.00	0.28	-0.02
	17	-4.16	0.47	-0.59	0.00	0.28	0.02
	18	-3.67	0.02	-0.59	0.00	0.28	0.01
	19	-4.98	-1.16	-0.59	0.00	0.28	0.04
	20	-4.50	-1.61	-0.59	0.00	0.28	0.03
	21	-2.90	1.38	-0.59	0.00	0.28	-0.02
	22	-2.41	0.93	-0.59	0.00	0.28	-0.03
	23	-3.72	-0.25	-0.59	0.00	0.28	0.00
	24	-3.24	-0.70	-0.59	0.00	0.28	-0.01
	25	1.49	3.37	-0.59	0.00	0.28	-0.01
	26	1.86	3.64	-0.59	0.00	0.28	-0.02
	27	-0.73	3.30	-0.59	0.00	0.28	-0.00
	28	-0.35	3.58	-0.98	0.00	0.47	-0.01
	29	3.11	1.86	-0.59	0.00	0.28	-0.04
	30	3.49	2.14	-0.59	0.00	0.28	-0.05
	31	0.89	1.80	-0.59	0.00	0.28	-0.04
	32	1.27	2.07	-0.59	0.00	0.28	-0.05
	33	-1.27	-2.07	-0.59	0.00	0.28	0.05
	34	-0.89	-1.80	-0.59	0.00	0.28	0.04
	35	-3.49	-2.14	-0.59	0.00	0.28	0.05
	36	-3.11	-1.86	-0.59	0.00	0.28	0.04
	37	0.35	-3.58	-0.59	0.00	0.28	0.01
	38	0.73	-3.30	-0.59	0.00	0.28	0.00
	39	-1.86	-3.64	-0.59	0.00	0.28	0.02
	40	-1.49	-3.37	-0.59	0.00	0.28	0.01
	41	0.24	-0.00	-0.73	0.00	0.35	-0.00
	42	-0.12	0.00	-0.73	0.00	0.35	0.00
	43	0.05	0.50	-0.73	0.00	0.35	-0.00
	44	-0.08	-0.58	-0.73	0.00	0.35	0.00
	45	0.40	-0.00	-0.66	0.00	0.32	-0.00
	46	-0.20	0.00	-0.66	0.00	0.32	0.00
	47	0.08	0.84	-0.66	0.00	0.32	-0.00
	48	-0.14	-0.96	-0.66	0.00	0.32	0.00
	49	0.00	0.00	-0.62	0.00	0.30	0.00
	50	0.08	-0.00	-0.59	0.00	0.28	-0.00
	51	-0.04	0.00	-0.59	0.00	0.28	0.00
	52	0.02	0.17	-0.59	0.00	0.28	-0.00
	53	-0.03	-0.19	-0.59	0.00	0.28	0.00
	54	0.00	0.00	-0.59	0.00	0.28	0.00
	55	2.67	0.58	-0.59	0.00	0.28	0.01

	56	3.07	0.21	-0.59	0.00	0.28	-0.00
	57	1.99	-0.77	-0.59	0.00	0.28	0.02
	58	2.39	-1.14	-0.59	0.00	0.28	0.01
	59	3.71	1.33	-0.59	0.00	0.28	-0.02
	60	4.11	0.96	-0.59	0.00	0.28	-0.03
	61	3.03	-0.02	-0.98	0.00	0.47	-0.01
	62	3.43	-0.39	-0.59	0.00	0.28	-0.02
	63	-3.43	0.39	-0.59	0.00	0.28	0.02
	64	-3.03	0.02	-0.59	0.00	0.28	0.01
	65	-4.11	-0.96	-0.59	0.00	0.28	0.03
	66	-3.71	-1.33	-0.59	0.00	0.28	0.02
	67	-2.39	1.14	-0.59	0.00	0.28	-0.01
	68	-1.99	0.77	-0.59	0.00	0.28	-0.02
	69	-3.07	-0.21	-0.59	0.00	0.28	0.00
	70	-2.67	-0.58	-0.59	0.00	0.28	-0.01
	71	1.23	2.78	-0.98	0.00	0.47	-0.01
	72	1.54	3.01	-0.59	0.00	0.28	-0.01
	73	-0.60	2.72	-0.59	0.00	0.28	-0.00
	74	-0.29	2.95	-0.59	0.00	0.28	-0.01
	75	2.56	1.54	-0.59	0.00	0.28	-0.03
	76	2.88	1.76	-0.59	0.00	0.28	-0.04
	77	0.73	1.48	-0.59	0.00	0.28	-0.03
	78	1.05	1.71	-0.59	0.00	0.28	-0.04
	79	-1.05	-1.71	-0.59	0.00	0.28	0.04
	80	-0.73	-1.48	-0.59	0.00	0.28	0.03
	81	-2.88	-1.76	-0.59	0.00	0.28	0.04
	82	-2.56	-1.54	-0.59	0.00	0.28	0.03
	83	0.29	-2.95	-0.59	0.00	0.28	0.01
	84	0.60	-2.72	-0.59	0.00	0.28	0.00
	85	-1.54	-3.01	-0.59	0.00	0.28	0.01
	86	-1.23	-2.78	-0.59	0.00	0.28	0.01
181	1	0.36	-0.00	-3.40	0.00	-0.01	-0.00
	2	-0.18	0.00	-3.40	0.00	-0.01	0.00
	3	0.07	0.74	-3.40	0.00	-0.01	-0.00
	4	-0.12	-0.84	-3.40	0.00	-0.01	0.00
	5	0.60	-0.01	-3.04	0.00	-0.01	-0.00
	6	-0.30	0.00	-3.04	0.00	-0.01	0.00
	7	0.12	1.24	-3.04	0.00	-0.01	-0.00
	8	-0.21	-1.41	-3.04	0.00	-0.01	0.00
	9	3.24	0.78	-2.00	0.00	-0.00	0.01
	10	3.72	0.24	-2.00	0.00	-0.00	-0.00
	11	2.41	-0.71	-2.00	0.00	-0.00	0.03
	12	2.90	-1.24	-2.00	0.00	-0.00	0.02
	13	4.50	1.39	-2.00	0.00	-0.00	-0.03
	14	4.98	0.85	-2.00	0.00	-0.00	-0.04
	15	3.67	-0.10	-2.00	0.00	-0.00	-0.01
	16	4.16	-0.64	-2.00	0.00	-0.00	-0.02
	17	-4.16	0.64	-2.00	0.00	-0.00	0.02
	18	-3.67	0.10	-2.00	0.00	-0.00	0.01
	19	-4.98	-0.85	-2.00	0.00	-0.00	0.04
	20	-4.50	-1.39	-2.00	0.00	-0.00	0.03
	21	-2.90	1.24	-2.00	0.00	-0.00	-0.02
	22	-2.41	0.71	-2.00	0.00	-0.00	-0.03
	23	-3.72	-0.24	-2.00	0.00	-0.00	0.00
	24	-3.24	-0.78	-2.00	0.00	-0.00	-0.01
	25	1.49	3.31	-2.00	0.00	-0.00	-0.01
	26	1.86	3.49	-2.00	0.00	-0.00	-0.02
	27	-0.73	3.27	-2.00	0.00	-0.00	-0.00
	28	-0.35	3.45	-3.36	0.00	-0.01	-0.01
	29	3.11	1.51	-2.00	0.00	-0.00	-0.04
	30	3.49	1.69	-2.00	0.00	-0.00	-0.05
	31	0.89	1.47	-2.00	0.00	-0.00	-0.04
	32	1.27	1.65	-2.00	0.00	-0.00	-0.05
	33	-1.27	-1.65	-2.00	0.00	-0.00	0.05
	34	-0.89	-1.47	-2.00	0.00	-0.00	0.04

	35	-3.49	-1.69	-2.00	0.00	-0.00	0.05
	36	-3.11	-1.51	-2.00	0.00	-0.00	0.04
	37	0.35	-3.45	-2.00	0.00	-0.00	0.01
	38	0.73	-3.27	-2.00	0.00	-0.00	0.00
	39	-1.86	-3.49	-2.00	0.00	-0.00	0.02
	40	-1.49	-3.31	-2.00	0.00	-0.00	0.01
	41	0.24	-0.00	-2.48	0.00	-0.00	-0.00
	42	-0.12	0.00	-2.48	0.00	-0.00	0.00
	43	0.05	0.50	-2.48	0.00	-0.00	-0.00
	44	-0.08	-0.56	-2.48	0.00	-0.00	0.00
	45	0.40	-0.00	-2.24	0.00	-0.00	-0.00
	46	-0.20	0.00	-2.24	0.00	-0.00	0.00
	47	0.08	0.83	-2.24	0.00	-0.00	-0.00
	48	-0.14	-0.94	-2.24	0.00	-0.00	0.00
	49	0.00	0.00	-2.10	0.00	-0.00	0.00
	50	0.08	-0.00	-2.00	0.00	-0.00	-0.00
	51	-0.04	0.00	-2.00	0.00	-0.00	0.00
	52	0.02	0.17	-2.00	0.00	-0.00	-0.00
	53	-0.03	-0.19	-2.00	0.00	-0.00	0.00
	54	0.00	0.00	-2.00	0.00	-0.00	0.00
	55	2.67	0.65	-2.00	0.00	-0.00	0.01
	56	3.07	0.20	-2.00	0.00	-0.00	-0.00
	57	1.99	-0.58	-2.00	0.00	-0.00	0.02
	58	2.39	-1.03	-2.00	0.00	-0.00	0.01
	59	3.71	1.14	-2.00	0.00	-0.00	-0.02
	60	4.11	0.70	-2.00	0.00	-0.00	-0.03
	61	3.03	-0.09	-3.36	0.00	-0.01	-0.01
	62	3.43	-0.53	-2.00	0.00	-0.00	-0.02
	63	-3.43	0.53	-2.00	0.00	-0.00	0.02
	64	-3.03	0.09	-2.00	0.00	-0.00	0.01
	65	-4.11	-0.70	-2.00	0.00	-0.00	0.03
	66	-3.71	-1.14	-2.00	0.00	-0.00	0.02
	67	-2.39	1.03	-2.00	0.00	-0.00	-0.01
	68	-1.99	0.58	-2.00	0.00	-0.00	-0.02
	69	-3.07	-0.20	-2.00	0.00	-0.00	0.00
	70	-2.67	-0.65	-2.00	0.00	-0.00	-0.01
	71	1.23	2.73	-3.36	0.00	-0.01	-0.01
	72	1.54	2.88	-2.00	0.00	-0.00	-0.01
	73	-0.60	2.70	-2.00	0.00	-0.00	-0.00
	74	-0.29	2.84	-2.00	0.00	-0.00	-0.01
	75	2.56	1.25	-2.00	0.00	-0.00	-0.03
	76	2.88	1.40	-2.00	0.00	-0.00	-0.04
	77	0.73	1.21	-2.00	0.00	-0.00	-0.03
	78	1.05	1.36	-2.00	0.00	-0.00	-0.04
	79	-1.05	-1.36	-2.00	0.00	-0.00	0.04
	80	-0.73	-1.21	-2.00	0.00	-0.00	0.03
	81	-2.88	-1.40	-2.00	0.00	-0.00	0.04
	82	-2.56	-1.25	-2.00	0.00	-0.00	0.03
	83	0.29	-2.84	-2.00	0.00	-0.00	0.01
	84	0.60	-2.70	-2.00	0.00	-0.00	0.00
	85	-1.54	-2.88	-2.00	0.00	-0.00	0.01
	86	-1.23	-2.73	-2.00	0.00	-0.00	0.01
182	1	0.36	-0.01	-0.91	0.00	-0.48	-0.00
	2	-0.18	0.00	-0.91	0.00	-0.48	0.00
	3	0.07	0.73	-0.91	0.00	-0.48	-0.00
	4	-0.12	-0.82	-0.91	0.00	-0.48	0.00
	5	0.60	-0.01	-0.82	0.00	-0.43	-0.00
	6	-0.30	0.00	-0.82	0.00	-0.43	0.00
	7	0.12	1.21	-0.82	0.00	-0.43	-0.00
	8	-0.21	-1.36	-0.82	0.00	-0.43	0.00
	9	3.24	0.87	-0.54	0.00	-0.28	0.01
	10	3.72	0.24	-0.54	0.00	-0.28	-0.00
	11	2.41	-0.48	-0.54	0.00	-0.28	0.03
	12	2.90	-1.10	-0.54	0.00	-0.28	0.02
	13	4.50	1.16	-0.54	0.00	-0.28	-0.03

	14	4.98	0.53	-0.54	0.00	-0.28	-0.04
	15	3.67	-0.19	-0.54	0.00	-0.28	-0.01
	16	4.16	-0.81	-0.54	0.00	-0.28	-0.02
	17	-4.16	0.81	-0.54	0.00	-0.28	0.02
	18	-3.67	0.19	-0.54	0.00	-0.28	0.01
	19	-4.98	-0.53	-0.54	0.00	-0.28	0.04
	20	-4.50	-1.16	-0.54	0.00	-0.28	0.03
	21	-2.90	1.10	-0.54	0.00	-0.28	-0.02
	22	-2.41	0.48	-0.54	0.00	-0.28	-0.03
	23	-3.72	-0.24	-0.54	0.00	-0.28	0.00
	24	-3.24	-0.87	-0.54	0.00	-0.28	-0.01
	25	1.49	3.25	-0.54	0.00	-0.28	-0.01
	26	1.86	3.34	-0.54	0.00	-0.28	-0.02
	27	-0.73	3.23	-0.54	0.00	-0.28	-0.00
	28	-0.35	3.32	-0.90	0.00	-0.48	-0.01
	29	3.11	1.16	-0.54	0.00	-0.28	-0.04
	30	3.49	1.25	-0.54	0.00	-0.28	-0.05
	31	0.89	1.15	-0.54	0.00	-0.28	-0.04
	32	1.27	1.24	-0.54	0.00	-0.28	-0.05
	33	-1.27	-1.24	-0.54	0.00	-0.28	0.05
	34	-0.89	-1.15	-0.54	0.00	-0.28	0.04
	35	-3.49	-1.25	-0.54	0.00	-0.28	0.05
	36	-3.11	-1.16	-0.54	0.00	-0.28	0.04
	37	0.35	-3.32	-0.54	0.00	-0.28	0.01
	38	0.73	-3.23	-0.54	0.00	-0.28	0.00
	39	-1.86	-3.34	-0.54	0.00	-0.28	0.02
	40	-1.49	-3.25	-0.54	0.00	-0.28	0.01
	41	0.24	-0.00	-0.66	0.00	-0.35	-0.00
	42	-0.12	0.00	-0.66	0.00	-0.35	0.00
	43	0.05	0.49	-0.66	0.00	-0.35	-0.00
	44	-0.08	-0.55	-0.66	0.00	-0.35	0.00
	45	0.40	-0.01	-0.60	0.00	-0.32	-0.00
	46	-0.20	0.00	-0.60	0.00	-0.32	0.00
	47	0.08	0.81	-0.60	0.00	-0.32	-0.00
	48	-0.14	-0.91	-0.60	0.00	-0.32	0.00
	49	0.00	0.00	-0.56	0.00	-0.30	0.00
	50	0.08	-0.00	-0.54	0.00	-0.28	-0.00
	51	-0.04	0.00	-0.54	0.00	-0.28	0.00
	52	0.02	0.16	-0.54	0.00	-0.28	-0.00
	53	-0.03	-0.18	-0.54	0.00	-0.28	0.00
	54	0.00	0.00	-0.54	0.00	-0.28	0.00
	55	2.67	0.71	-0.54	0.00	-0.28	0.01
	56	3.07	0.20	-0.54	0.00	-0.28	-0.00
	57	1.99	-0.40	-0.54	0.00	-0.28	0.02
	58	2.39	-0.91	-0.54	0.00	-0.28	0.01
	59	3.71	0.96	-0.54	0.00	-0.28	-0.02
	60	4.11	0.44	-0.54	0.00	-0.28	-0.03
	61	3.03	-0.15	-0.90	0.00	-0.48	-0.01
	62	3.43	-0.67	-0.54	0.00	-0.28	-0.02
	63	-3.43	0.67	-0.54	0.00	-0.28	0.02
	64	-3.03	0.15	-0.54	0.00	-0.28	0.01
	65	-4.11	-0.44	-0.54	0.00	-0.28	0.03
	66	-3.71	-0.96	-0.54	0.00	-0.28	0.02
	67	-2.39	0.91	-0.54	0.00	-0.28	-0.01
	68	-1.99	0.40	-0.54	0.00	-0.28	-0.02
	69	-3.07	-0.20	-0.54	0.00	-0.28	0.00
	70	-2.67	-0.71	-0.54	0.00	-0.28	-0.01
	71	1.23	2.68	-0.90	0.00	-0.48	-0.01
	72	1.54	2.75	-0.54	0.00	-0.28	-0.01
	73	-0.60	2.67	-0.54	0.00	-0.28	-0.00
	74	-0.29	2.74	-0.54	0.00	-0.28	-0.01
	75	2.56	0.96	-0.54	0.00	-0.28	-0.03
	76	2.88	1.03	-0.54	0.00	-0.28	-0.04
	77	0.73	0.95	-0.54	0.00	-0.28	-0.03
	78	1.05	1.02	-0.54	0.00	-0.28	-0.04

	79	-1.05	-1.02	-0.54	0.00	-0.28	0.04
	80	-0.73	-0.95	-0.54	0.00	-0.28	0.03
	81	-2.88	-1.03	-0.54	0.00	-0.28	0.04
	82	-2.56	-0.96	-0.54	0.00	-0.28	0.03
	83	0.29	-2.74	-0.54	0.00	-0.28	0.01
	84	0.60	-2.67	-0.54	0.00	-0.28	0.00
	85	-1.54	-2.75	-0.54	0.00	-0.28	0.01
	86	-1.23	-2.68	-0.54	0.00	-0.28	0.01
183	1	0.36	-0.01	-2.73	0.00	0.21	-0.00
	2	-0.18	0.00	-2.73	0.00	0.21	0.00
	3	0.07	0.71	-2.73	0.00	0.21	-0.00
	4	-0.12	-0.79	-2.73	0.00	0.21	0.00
	5	0.60	-0.01	-2.47	0.00	0.19	-0.00
	6	-0.30	0.01	-2.47	0.00	0.19	0.00
	7	0.12	1.19	-2.47	0.00	0.19	-0.00
	8	-0.21	-1.32	-2.47	0.00	0.19	0.00
	9	3.24	0.95	-1.66	0.00	0.13	0.01
	10	3.72	0.24	-1.66	0.00	0.13	-0.00
	11	2.41	-0.25	-1.66	0.00	0.13	0.03
	12	2.90	-0.97	-1.66	0.00	0.13	0.02
	13	4.50	0.93	-1.66	0.00	0.13	-0.03
	14	4.98	0.22	-1.66	0.00	0.13	-0.04
	15	3.67	-0.27	-1.66	0.00	0.13	-0.01
	16	4.16	-0.98	-1.66	0.00	0.13	-0.02
	17	-4.16	0.98	-1.66	0.00	0.13	0.02
	18	-3.67	0.27	-1.66	0.00	0.13	0.01
	19	-4.98	-0.22	-1.66	0.00	0.13	0.04
	20	-4.50	-0.93	-1.66	0.00	0.13	0.03
	21	-2.90	0.97	-1.66	0.00	0.13	-0.02
	22	-2.41	0.25	-1.66	0.00	0.13	-0.03
	23	-3.72	-0.24	-1.66	0.00	0.13	0.00
	24	-3.24	-0.95	-1.66	0.00	0.13	-0.01
	25	1.49	3.19	-1.66	0.00	0.13	-0.01
	26	1.86	3.18	-1.66	0.00	0.13	-0.02
	27	-0.73	3.20	-1.66	0.00	0.13	-0.00
	28	-0.35	3.19	-2.86	0.00	0.22	-0.01
	29	3.11	0.81	-1.66	0.00	0.13	-0.04
	30	3.49	0.81	-1.66	0.00	0.13	-0.05
	31	0.89	0.82	-1.66	0.00	0.13	-0.04
	32	1.27	0.82	-1.66	0.00	0.13	-0.05
	33	-1.27	-0.82	-1.66	0.00	0.13	0.05
	34	-0.89	-0.82	-1.66	0.00	0.13	0.04
	35	-3.49	-0.81	-1.66	0.00	0.13	0.05
	36	-3.11	-0.81	-1.66	0.00	0.13	0.04
	37	0.35	-3.19	-1.66	0.00	0.13	0.01
	38	0.73	-3.20	-1.66	0.00	0.13	0.00
	39	-1.86	-3.18	-1.66	0.00	0.13	0.02
	40	-1.49	-3.19	-1.66	0.00	0.13	0.01
	41	0.24	-0.00	-2.00	0.00	0.15	-0.00
	42	-0.12	0.00	-2.00	0.00	0.15	0.00
	43	0.05	0.48	-2.00	0.00	0.15	-0.00
	44	-0.08	-0.53	-2.00	0.00	0.15	0.00
	45	0.40	-0.01	-1.83	0.00	0.14	-0.00
	46	-0.20	0.00	-1.83	0.00	0.14	0.00
	47	0.08	0.79	-1.83	0.00	0.14	-0.00
	48	-0.14	-0.88	-1.83	0.00	0.14	0.00
	49	0.00	0.00	-1.72	0.00	0.13	0.00
	50	0.08	-0.00	-1.66	0.00	0.13	-0.00
	51	-0.04	0.00	-1.66	0.00	0.13	0.00
	52	0.02	0.16	-1.66	0.00	0.13	-0.00
	53	-0.03	-0.18	-1.66	0.00	0.13	0.00
	54	0.00	0.00	-1.66	0.00	0.13	0.00
	55	2.67	0.78	-1.66	0.00	0.13	0.01
	56	3.07	0.19	-1.66	0.00	0.13	-0.00
	57	1.99	-0.21	-1.66	0.00	0.13	0.02

	58	2.39	-0.80	-1.66	0.00	0.13	0.01
	59	3.71	0.77	-1.66	0.00	0.13	-0.02
	60	4.11	0.18	-1.66	0.00	0.13	-0.03
	61	3.03	-0.22	-2.86	0.00	0.22	-0.01
	62	3.43	-0.81	-1.66	0.00	0.13	-0.02
	63	-3.43	0.81	-1.66	0.00	0.13	0.02
	64	-3.03	0.22	-1.66	0.00	0.13	0.01
	65	-4.11	-0.18	-1.66	0.00	0.13	0.03
	66	-3.71	-0.77	-1.66	0.00	0.13	0.02
	67	-2.39	0.80	-1.66	0.00	0.13	-0.01
	68	-1.99	0.21	-1.66	0.00	0.13	-0.02
	69	-3.07	-0.19	-1.66	0.00	0.13	0.00
	70	-2.67	-0.78	-1.66	0.00	0.13	-0.01
	71	1.23	2.63	-2.86	0.00	0.22	-0.01
	72	1.54	2.63	-1.66	0.00	0.13	-0.01
	73	-0.60	2.64	-1.66	0.00	0.13	-0.00
	74	-0.29	2.63	-1.66	0.00	0.13	-0.01
	75	2.56	0.67	-1.66	0.00	0.13	-0.03
	76	2.88	0.67	-1.66	0.00	0.13	-0.04
	77	0.73	0.68	-1.66	0.00	0.13	-0.03
	78	1.05	0.68	-1.66	0.00	0.13	-0.04
	79	-1.05	-0.68	-1.66	0.00	0.13	0.04
	80	-0.73	-0.68	-1.66	0.00	0.13	0.03
	81	-2.88	-0.67	-1.66	0.00	0.13	0.04
	82	-2.56	-0.67	-1.66	0.00	0.13	0.03
	83	0.29	-2.63	-1.66	0.00	0.13	0.01
	84	0.60	-2.64	-1.66	0.00	0.13	0.00
	85	-1.54	-2.63	-1.66	0.00	0.13	0.01
	86	-1.23	-2.63	-1.66	0.00	0.13	0.01
184	1	0.36	-0.01	-2.15	0.00	-0.32	-0.00
	2	-0.18	0.00	-2.15	0.00	-0.32	0.00
	3	0.07	0.70	-2.15	0.00	-0.32	-0.00
	4	-0.12	-0.77	-2.15	0.00	-0.32	0.00
	5	0.60	-0.01	-1.96	0.00	-0.29	-0.00
	6	-0.30	0.01	-1.96	0.00	-0.29	0.00
	7	0.12	1.17	-1.96	0.00	-0.29	-0.00
	8	-0.21	-1.28	-1.96	0.00	-0.29	0.00
	9	3.24	1.03	-1.32	0.00	-0.19	0.01
	10	3.72	0.23	-1.32	0.00	-0.19	-0.00
	11	2.41	-0.03	-1.32	0.00	-0.19	0.03
	12	2.90	-0.83	-1.32	0.00	-0.19	0.02
	13	4.50	0.71	-1.32	0.00	-0.19	-0.03
	14	4.98	-0.09	-1.32	0.00	-0.19	-0.04
	15	3.67	-0.35	-1.32	0.00	-0.19	-0.01
	16	4.16	-1.15	-1.32	0.00	-0.19	-0.02
	17	-4.16	1.15	-1.32	0.00	-0.19	0.02
	18	-3.67	0.35	-1.32	0.00	-0.19	0.01
	19	-4.98	0.09	-1.32	0.00	-0.19	0.04
	20	-4.50	-0.71	-1.32	0.00	-0.19	0.03
	21	-2.90	0.83	-1.32	0.00	-0.19	-0.02
	22	-2.41	0.03	-1.32	0.00	-0.19	-0.03
	23	-3.72	-0.23	-1.32	0.00	-0.19	0.00
	24	-3.24	-1.03	-1.32	0.00	-0.19	-0.01
	25	1.49	3.12	-1.32	0.00	-0.19	-0.01
	26	1.86	3.03	-1.32	0.00	-0.19	-0.02
	27	-0.73	3.16	-1.32	0.00	-0.19	-0.00
	28	-0.35	3.06	-2.28	0.00	-0.33	-0.01
	29	3.11	0.47	-1.32	0.00	-0.19	-0.04
	30	3.49	0.37	-1.32	0.00	-0.19	-0.05
	31	0.89	0.50	-1.32	0.00	-0.19	-0.04
	32	1.27	0.40	-1.32	0.00	-0.19	-0.05
	33	-1.27	-0.40	-1.32	0.00	-0.19	0.05
	34	-0.89	-0.50	-1.32	0.00	-0.19	0.04
	35	-3.49	-0.37	-1.32	0.00	-0.19	0.05
	36	-3.11	-0.47	-1.32	0.00	-0.19	0.04

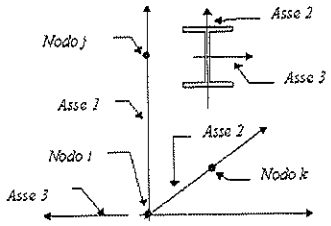
	37	0.35	-3.06	-1.32	0.00	-0.19	0.01
	38	0.73	-3.16	-1.32	0.00	-0.19	0.00
	39	-1.86	-3.03	-1.32	0.00	-0.19	0.02
	40	-1.49	-3.12	-1.32	0.00	-0.19	0.01
	41	0.24	-0.01	-1.58	0.00	-0.23	-0.00
	42	-0.12	0.00	-1.58	0.00	-0.23	0.00
	43	0.05	0.47	-1.58	0.00	-0.23	-0.00
	44	-0.08	-0.51	-1.58	0.00	-0.23	0.00
	45	0.40	-0.01	-1.45	0.00	-0.21	-0.00
	46	-0.20	0.00	-1.45	0.00	-0.21	0.00
	47	0.08	0.78	-1.45	0.00	-0.21	-0.00
	48	-0.14	-0.85	-1.45	0.00	-0.21	0.00
	49	0.00	0.00	-1.37	0.00	-0.20	0.00
	50	0.08	-0.00	-1.32	0.00	-0.19	-0.00
	51	-0.04	0.00	-1.32	0.00	-0.19	0.00
	52	0.02	0.16	-1.32	0.00	-0.19	-0.00
	53	-0.03	-0.17	-1.32	0.00	-0.19	0.00
	54	0.00	0.00	-1.32	0.00	-0.19	0.00
	55	2.67	0.85	-1.32	0.00	-0.19	0.01
	56	3.07	0.19	-1.32	0.00	-0.19	-0.00
	57	1.99	-0.02	-1.32	0.00	-0.19	0.02
	58	2.39	-0.68	-1.32	0.00	-0.19	0.01
	59	3.71	0.58	-1.32	0.00	-0.19	-0.02
	60	4.11	-0.07	-1.32	0.00	-0.19	-0.03
	61	3.03	-0.29	-2.28	0.00	-0.33	-0.01
	62	3.43	-0.95	-1.32	0.00	-0.19	-0.02
	63	-3.43	0.95	-1.32	0.00	-0.19	0.02
	64	-3.03	0.29	-1.32	0.00	-0.19	0.01
	65	-4.11	0.07	-1.32	0.00	-0.19	0.03
	66	-3.71	-0.58	-1.32	0.00	-0.19	0.02
	67	-2.39	0.68	-1.32	0.00	-0.19	-0.01
	68	-1.99	0.02	-1.32	0.00	-0.19	-0.02
	69	-3.07	-0.19	-1.32	0.00	-0.19	0.00
	70	-2.67	-0.85	-1.32	0.00	-0.19	-0.01
	71	1.23	2.58	-2.28	0.00	-0.33	-0.01
	72	1.54	2.50	-1.32	0.00	-0.19	-0.01
	73	-0.60	2.61	-1.32	0.00	-0.19	-0.00
	74	-0.29	2.53	-1.32	0.00	-0.19	-0.01
	75	2.56	0.38	-1.32	0.00	-0.19	-0.03
	76	2.88	0.30	-1.32	0.00	-0.19	-0.04
	77	0.73	0.41	-1.32	0.00	-0.19	-0.03
	78	1.05	0.33	-1.32	0.00	-0.19	-0.04
	79	-1.05	-0.33	-1.32	0.00	-0.19	0.04
	80	-0.73	-0.41	-1.32	0.00	-0.19	0.03
	81	-2.88	-0.30	-1.32	0.00	-0.19	0.04
	82	-2.56	-0.38	-1.32	0.00	-0.19	0.03
	83	0.29	-2.53	-1.32	0.00	-0.19	0.01
	84	0.60	-2.61	-1.32	0.00	-0.19	0.00
	85	-1.54	-2.50	-1.32	0.00	-0.19	0.01
	86	-1.23	-2.58	-1.32	0.00	-0.19	0.01

- Sollecitazioni nei pilastri

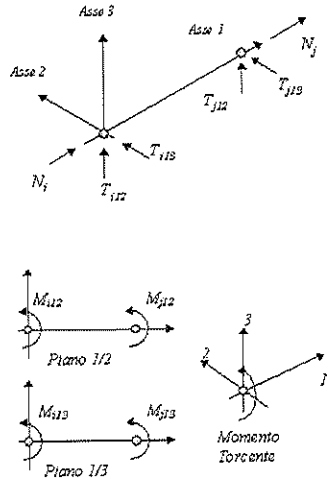
- Convenzioni adottate

Le sollecitazioni nei pilastri sono da intendersi nel sistema di riferimento locale dell'elemento e si riferiscono all'asta.

L'orientamento del pilastro nello spazio è definito a mezzo del nodo *K*. La terna di riferimento locale dell'asta è così disposta:



Per qunto concerne i segni positivi assunti per le varie componenti di sollecitazione si assumono come positivi i versi e le sollecitazioni così diretti:



Per ogni pilastro vengono riportate, nelle varie combinazioni di carico, le componenti di sollecitazione alle estremità dell'asta.

Comb.	Nodo	N [kg]	T1-2 [kg]	T1-3 [kg]	Mt [kgm]	M1-3 [kgm]	M1-2 [kgm]
1	1	28372.6	-11.6	353.1	6.1	-3036.5	-99.4
	101	-18310.6	11.6	-353.1	-6.1	0.0	0.0
2	1	28372.6	5.8	-176.5	-3.1	1518.0	49.7
	101	-18310.6	-5.8	176.5	3.1	0.0	0.0
3	1	28372.6	-910.1	-67.8	59.9	583.3	-7826.7
	101	-18310.6	910.1	67.8	-59.9	0.0	0.0
4	1	28372.6	1127.2	118.3	-104.5	-1017.5	9693.8
	101	-18310.6	-1127.2	-118.3	104.5	0.0	0.0
5	1	26964.2	-19.3	588.5	10.2	-5060.8	-165.6
	101	-16902.2	19.3	-588.5	-10.2	0.0	0.0
6	1	26964.2	9.6	-294.2	-5.1	2530.0	82.8
	101	-16902.2	-9.6	294.2	5.1	0.0	0.0
7	1	26964.2	-1516.8	-113.0	99.8	972.2	-13044.4
	101	-16902.2	1516.8	113.0	-99.8	0.0	0.0
8	1	26964.2	1878.6	197.2	-174.1	-1695.8	16156.3
	101	-16902.2	-1878.6	-197.2	174.1	0.0	0.0

9	1	19405.4	-232.5	3818.1	-347.7	-32835.6	-1999.9
	101	-11665.4	232.5	-3818.1	347.7	0.0	0.0
10	1	19405.4	-495.4	3413.9	18.5	-29359.7	-4260.3
	101	-11665.4	495.4	-3413.9	-18.5	0.0	0.0
11	1	19405.4	2572.6	4524.5	-954.9	-38911.1	22124.2
	101	-11665.4	-2572.6	-4524.5	954.9	0.0	0.0
12	1	19405.4	2309.8	4120.4	-588.7	-35435.1	19863.9
	101	-11665.4	-2309.8	-4120.4	588.7	0.0	0.0
13	1	19405.4	-3143.8	2896.9	955.9	-24913.1	-27036.4
	101	-11665.4	3143.8	-2896.9	-955.9	0.0	0.0
14	1	19405.4	-3406.6	2492.7	1322.1	-21437.2	-29296.7
	101	-11665.4	3406.6	-2492.7	-1322.1	0.0	0.0
15	1	19405.4	-338.6	3603.3	348.8	-30988.6	-2912.3
	101	-11665.4	338.6	-3603.3	-348.8	0.0	0.0
16	1	19405.4	-601.5	3199.1	714.9	-27512.6	-5172.6
	101	-11665.4	601.5	-3199.1	-714.9	0.0	0.0
17	1	19405.4	601.5	-3199.1	-714.9	27512.6	5172.6
	101	-11665.4	-601.5	3199.1	714.9	0.0	0.0
18	1	19405.4	338.6	-3603.3	-348.8	30988.6	2912.2
	101	-11665.4	-338.6	3603.3	348.8	0.0	0.0
19	1	19405.4	3406.6	-2492.7	-1322.1	21437.2	29296.7
	101	-11665.4	-3406.6	2492.7	1322.1	0.0	0.0
20	1	19405.4	3143.8	-2896.9	-955.9	24913.1	27036.4
	101	-11665.4	-3143.8	2896.9	955.9	0.0	0.0
21	1	19405.4	-2309.8	-4120.4	588.7	35435.1	-19863.9
	101	-11665.4	2309.8	4120.4	-588.7	0.0	0.0
22	1	19405.4	-2572.6	-4524.5	954.9	38911.1	-22124.2
	101	-11665.4	2572.6	4524.5	-954.9	0.0	0.0
23	1	19405.4	495.4	-3413.9	-18.5	29359.7	4260.3
	101	-11665.4	-495.4	3413.9	18.5	0.0	0.0
24	1	19405.4	232.5	-3818.1	347.7	32835.6	1999.9
	101	-11665.4	-232.5	3818.1	-347.7	0.0	0.0
25	1	19405.4	-3925.6	687.0	261.2	-5908.1	-33760.0
	101	-11665.4	3925.6	-687.0	-261.2	0.0	0.0
26	1	19405.4	-4799.0	410.6	652.3	-3531.4	-41271.0
	101	-11665.4	4799.0	-410.6	-652.3	0.0	0.0
27	1	19405.4	-3675.4	-1418.2	151.1	12196.4	-31608.3
	101	-11665.4	3675.4	1418.2	-151.1	0.0	0.0
28	1	46247.7	-4548.7	-1694.5	542.2	14573.1	-39119.2
	101	-38507.8	4548.7	1694.5	-542.2	0.0	0.0
29	1	19405.4	-4801.7	-660.3	1481.8	5678.4	-41294.6
	101	-11665.4	4801.7	660.3	-1481.8	0.0	0.0
30	1	19405.4	-5675.1	-936.6	1872.9	8055.1	-48805.5
	101	-11665.4	5675.1	936.6	-1872.9	0.0	0.0
31	1	19405.4	-4551.5	-2765.4	1371.6	23782.8	-39142.8
	101	-11665.4	4551.5	2765.4	-1371.6	0.0	0.0
32	1	19405.4	-5424.9	-3041.8	1762.7	26159.6	-46653.7
	101	-11665.4	5424.9	3041.8	-1762.7	0.0	0.0
33	1	19405.4	5424.9	3041.8	-1762.7	-26159.6	46653.7
	101	-11665.4	-5424.9	-3041.8	1762.7	0.0	0.0
34	1	19405.4	4551.5	2765.4	-1371.6	-23782.8	39142.8
	101	-11665.4	-4551.5	-2765.4	1371.6	0.0	0.0
35	1	19405.4	5675.1	936.6	-1872.9	-8055.1	48805.5
	101	-11665.4	-5675.1	-936.6	1872.9	0.0	0.0
36	1	19405.4	4801.7	660.3	-1481.8	-5678.3	41294.5
	101	-11665.4	-4801.7	-660.3	1481.8	0.0	0.0
37	1	19405.4	4548.7	1694.5	-542.2	-14573.1	39119.2
	101	-11665.4	-4548.7	-1694.5	542.2	0.0	0.0
38	1	19405.4	3675.4	1418.2	-151.1	-12196.4	31608.3
	101	-11665.4	-3675.4	-1418.2	151.1	0.0	0.0
39	1	19405.4	4799.0	-410.6	-652.3	3531.4	41271.0
	101	-11665.4	-4799.0	410.6	652.3	0.0	0.0
40	1	19405.4	3925.6	-687.0	-261.2	5908.1	33760.0
	101	-11665.4	-3925.6	687.0	261.2	0.0	0.0
41	1	21283.4	-7.7	235.4	4.1	-2024.3	-66.3

	101	-13543.4	7.7	-235.4	-4.1	0.0	0.0
42	1	21283.4	3.9	-117.7	-2.0	1012.0	33.1
	101	-13543.4	-3.9	117.7	2.0	0.0	0.0
43	1	21283.4	-606.7	-45.2	39.9	388.9	-5217.8
	101	-13543.4	606.7	45.2	-39.9	0.0	0.0
44	1	21283.4	751.5	78.9	-69.6	-678.3	6462.5
	101	-13543.4	-751.5	-78.9	69.6	0.0	0.0
45	1	20344.4	-12.8	392.3	6.8	-3373.8	-110.4
	101	-12604.4	12.8	-392.3	-6.8	0.0	0.0
46	1	20344.4	6.4	-196.1	-3.4	1686.6	55.2
	101	-12604.4	-6.4	196.1	3.4	0.0	0.0
47	1	20344.4	-1011.2	-75.4	66.5	648.1	-8696.3
	101	-12604.4	1011.2	75.4	-66.5	0.0	0.0
48	1	20344.4	1252.4	131.5	-116.1	-1130.5	10770.9
	101	-12604.4	-1252.4	-131.5	116.1	0.0	0.0
49	1	19781.0	0.0	0.0	0.0	0.0	0.0
	101	-12041.0	0.0	0.0	0.0	0.0	0.0
50	1	19405.4	-2.6	78.5	1.4	-674.8	-22.1
	101	-11665.4	2.6	-78.5	-1.4	0.0	0.0
51	1	19405.4	1.3	-39.2	-0.7	337.3	11.0
	101	-11665.4	-1.3	39.2	0.7	0.0	0.0
52	1	19405.4	-202.2	-15.1	13.3	129.6	-1739.3
	101	-11665.4	202.2	15.1	-13.3	0.0	0.0
53	1	19405.4	250.5	26.3	-23.2	-226.1	2154.2
	101	-11665.4	-250.5	-26.3	23.2	0.0	0.0
54	1	19405.4	0.0	0.0	0.0	0.0	0.0
	101	-11665.4	0.0	0.0	0.0	0.0	0.0
55	1	19405.4	-191.9	3150.2	-286.9	-27091.3	-1650.0
	101	-11665.4	191.9	-3150.2	286.9	0.0	0.0
56	1	19405.4	-408.7	2816.7	15.2	-24223.4	-3515.0
	101	-11665.4	408.7	-2816.7	-15.2	0.0	0.0
57	1	19405.4	2122.5	3733.0	-787.8	-32103.9	18253.8
	101	-11665.4	-2122.5	-3733.0	787.8	0.0	0.0
58	1	19405.4	1905.7	3399.5	-485.7	-29236.0	16388.8
	101	-11665.4	-1905.7	-3399.5	485.7	0.0	0.0
59	1	19405.4	-2593.8	2390.1	788.7	-20554.8	-22306.6
	101	-11665.4	2593.8	-2390.1	-788.7	0.0	0.0
60	1	19405.4	-2810.6	2056.6	1090.8	-17686.9	-24171.5
	101	-11665.4	2810.6	-2056.6	-1090.8	0.0	0.0
61	1	46247.7	-279.4	2972.9	287.7	-25567.4	-2402.8
	101	-38507.8	279.4	-2972.9	-287.7	0.0	0.0
62	1	19405.4	-496.2	2639.5	589.9	-22699.5	-4267.7
	101	-11665.4	496.2	-2639.5	-589.9	0.0	0.0
63	1	19405.4	496.2	-2639.5	-589.9	22699.5	4267.7
	101	-11665.4	-496.2	2639.5	589.9	0.0	0.0
64	1	19405.4	279.4	-2973.0	-287.7	25567.4	2402.8
	101	-11665.4	-279.4	2973.0	287.7	0.0	0.0
65	1	19405.4	2810.6	-2056.6	-1090.8	17686.9	24171.5
	101	-11665.4	-2810.6	2056.6	1090.8	0.0	0.0
66	1	19405.4	2593.8	-2390.1	-788.7	20554.8	22306.6
	101	-11665.4	-2593.8	2390.1	788.7	0.0	0.0
67	1	19405.4	-1905.7	-3399.5	485.7	29236.0	-16388.8
	101	-11665.4	1905.7	3399.5	-485.7	0.0	0.0
68	1	19405.4	-2122.5	-3733.0	787.8	32103.9	-18253.8
	101	-11665.4	2122.5	3733.0	-787.8	0.0	0.0
69	1	19405.4	408.7	-2816.7	-15.2	24223.4	3515.0
	101	-11665.4	-408.7	2816.7	15.2	0.0	0.0
70	1	19405.4	191.9	-3150.2	286.9	27091.3	1650.0
	101	-11665.4	-191.9	3150.2	-286.9	0.0	0.0
71	1	46247.7	-3238.8	566.8	215.5	-4874.5	-27854.0
	101	-38507.8	3238.8	-566.8	-215.5	0.0	0.0
72	1	19405.4	-3959.4	338.8	538.2	-2913.6	-34050.9
	101	-11665.4	3959.4	-338.8	-538.2	0.0	0.0
73	1	19405.4	-3032.4	-1170.1	124.6	10062.7	-26078.7
	101	-11665.4	3032.4	1170.1	-124.6	0.0	0.0

74	1	19405.4	-3753.0	-1398.1	447.3	12023.7	-32275.6
	101	-11665.4	3753.0	1398.1	-447.3	0.0	0.0
75	1	19405.4	-3961.7	-544.8	1222.5	4685.0	-34070.4
	101	-11665.4	3961.7	544.8	-1222.5	0.0	0.0
76	1	19405.4	-4682.2	-772.8	1545.2	6645.9	-40267.3
	101	-11665.4	4682.2	772.8	-1545.2	0.0	0.0
77	1	19405.4	-3755.2	-2281.7	1131.7	19622.2	-32295.1
	101	-11665.4	3755.2	2281.7	-1131.7	0.0	0.0
78	1	19405.4	-4475.8	-2509.7	1454.3	21583.2	-38492.0
	101	-11665.4	4475.8	2509.7	-1454.3	0.0	0.0
79	1	19405.4	4475.8	2509.7	-1454.3	-21583.2	38492.0
	101	-11665.4	-4475.8	-2509.7	1454.3	0.0	0.0
80	1	19405.4	3755.2	2281.7	-1131.7	-19622.2	32295.1
	101	-11665.4	-3755.2	-2281.7	1131.7	0.0	0.0
81	1	19405.4	4682.2	772.8	-1545.2	-6645.9	40267.3
	101	-11665.4	-4682.2	-772.8	1545.2	0.0	0.0
82	1	19405.4	3961.7	544.8	-1222.5	-4685.0	34070.4
	101	-11665.4	-3961.7	-544.8	1222.5	0.0	0.0
83	1	19405.4	3753.0	1398.1	-447.3	-12023.7	32275.6
	101	-11665.4	-3753.0	-1398.1	447.3	0.0	0.0
84	1	19405.4	3032.4	1170.1	-124.6	-10062.7	26078.7
	101	-11665.4	-3032.4	-1170.1	124.6	0.0	0.0
85	1	19405.4	3959.4	-338.8	-538.2	2913.6	34050.9
	101	-11665.4	-3959.4	338.8	538.2	0.0	0.0
86	1	19405.4	3238.8	-566.8	-215.5	4874.5	27854.0
	101	-11665.4	-3238.8	566.8	215.5	0.0	0.0
1	2	62463.1	-8.0	353.1	6.1	-3036.5	-69.2
	102	-52401.1	8.0	-353.1	-6.1	0.0	0.0
2	2	62463.1	4.0	-176.5	-3.1	1518.0	34.6
	102	-52401.1	-4.0	176.5	3.1	0.0	0.0
3	2	62463.1	-875.6	-67.8	59.9	583.3	-7530.3
	102	-52401.1	875.6	67.8	-59.9	0.0	0.0
4	2	62463.1	1067.1	118.3	-104.5	-1017.5	9176.9
	102	-52401.1	-1067.1	-118.3	104.5	0.0	0.0
5	2	57181.4	-13.4	588.5	10.2	-5060.8	-115.3
	102	-47119.4	13.4	-588.5	-10.2	0.0	0.0
6	2	57181.4	6.7	-294.2	-5.1	2530.0	57.6
	102	-47119.4	-6.7	294.2	5.1	0.0	0.0
7	2	57181.4	-1459.4	-113.0	99.8	972.2	-12550.6
	102	-47119.4	1459.4	113.0	-99.8	0.0	0.0
8	2	57181.4	1778.5	197.2	-174.1	-1695.8	15294.8
	102	-47119.4	-1778.5	-197.2	174.1	0.0	0.0
9	2	38974.9	-374.8	3818.1	-347.7	-32835.6	-3223.2
	102	-31234.9	374.8	-3818.1	347.7	0.0	0.0
10	2	38974.9	-451.4	3413.9	18.5	-29359.7	-3882.2
	102	-31234.9	451.4	-3413.9	-18.5	0.0	0.0
11	2	38974.9	2149.8	4524.5	-954.9	-38911.1	18488.5
	102	-31234.9	-2149.8	-4524.5	954.9	0.0	0.0
12	2	38974.9	2073.2	4120.4	-588.7	-35435.1	17829.5
	102	-31234.9	-2073.2	-4120.4	588.7	0.0	0.0
13	2	38974.9	-2744.3	2896.9	955.9	-24913.1	-23601.2
	102	-31234.9	2744.3	-2896.9	-955.9	0.0	0.0
14	2	38974.9	-2821.0	2492.7	1322.1	-21437.2	-24260.2
	102	-31234.9	2821.0	-2492.7	-1322.1	0.0	0.0
15	2	38974.9	-219.7	3603.3	348.8	-30988.6	-1889.5
	102	-31234.9	219.7	-3603.3	-348.8	0.0	0.0
16	2	38974.9	-296.3	3199.1	714.9	-27512.6	-2548.5
	102	-31234.9	296.3	-3199.1	-714.9	0.0	0.0
17	2	38974.9	296.3	-3199.1	-714.9	27512.6	2548.5
	102	-31234.9	-296.3	3199.1	714.9	0.0	0.0
18	2	38974.9	219.7	-3603.3	-348.8	30988.6	1889.5
	102	-31234.9	-219.7	3603.3	348.8	0.0	0.0
19	2	38974.9	2821.0	-2492.7	-1322.1	21437.2	24260.2
	102	-31234.9	-2821.0	2492.7	1322.1	0.0	0.0

20	2	38974.9	2744.3	-2896.9	-955.9	24913.1	23601.2
	102	-31234.9	-2744.3	2896.9	955.9	0.0	0.0
21	2	38974.9	-2073.2	-4120.4	588.7	35435.1	-17829.5
	102	-31234.9	2073.2	4120.4	-588.7	0.0	0.0
22	2	38974.9	-2149.8	-4524.5	954.9	38911.1	-18488.5
	102	-31234.9	2149.8	4524.5	-954.9	0.0	0.0
23	2	38974.9	451.4	-3413.9	-18.5	29359.7	3882.2
	102	-31234.9	-451.4	3413.9	18.5	0.0	0.0
24	2	38974.9	374.8	-3818.1	347.7	32835.6	3223.2
	102	-31234.9	-374.8	3818.1	-347.7	0.0	0.0
25	2	38974.9	-3825.2	687.0	261.2	-5908.1	-32896.9
	102	-31234.9	3825.2	-687.0	-261.2	0.0	0.0
26	2	38974.9	-4536.1	410.6	652.3	-3531.4	-39010.3
	102	-31234.9	4536.1	-410.6	-652.3	0.0	0.0
27	2	38974.9	-3623.9	-1418.2	151.1	12196.4	-31165.4
	102	-31234.9	3623.9	1418.2	-151.1	0.0	0.0
28	2	61828.3	-4334.7	-1694.5	542.2	14573.1	-37278.8
	102	-54088.3	4334.7	1694.5	-542.2	0.0	0.0
29	2	38974.9	-4080.6	-660.3	1481.8	5678.4	-35093.6
	102	-31234.9	4080.6	660.3	-1481.8	0.0	0.0
30	2	38974.9	-4791.5	-936.6	1872.9	8055.1	-41207.0
	102	-31234.9	4791.5	936.6	-1872.9	0.0	0.0
31	2	38974.9	-3879.3	-2765.4	1371.6	23782.8	-33362.1
	102	-31234.9	3879.3	2765.4	-1371.6	0.0	0.0
32	2	38974.9	-4590.2	-3041.8	1762.7	26159.6	-39475.5
	102	-31234.9	4590.2	3041.8	-1762.7	0.0	0.0
33	2	38974.9	4590.2	3041.8	-1762.7	-26159.6	39475.5
	102	-31234.9	-4590.2	-3041.8	1762.7	0.0	0.0
34	2	38974.9	3879.3	2765.4	-1371.6	-23782.8	33362.1
	102	-31234.9	-3879.3	-2765.4	1371.6	0.0	0.0
35	2	38974.9	4791.5	936.6	-1872.9	-8055.1	41207.0
	102	-31234.9	-4791.5	-936.6	1872.9	0.0	0.0
36	2	38974.9	4080.6	660.3	-1481.8	-5678.3	35093.6
	102	-31234.9	-4080.6	-660.3	1481.8	0.0	0.0
37	2	38974.9	4334.7	1694.5	-542.2	-14573.1	37278.8
	102	-31234.9	-4334.7	-1694.5	542.2	0.0	0.0
38	2	38974.9	3623.9	1418.2	-151.1	-12196.4	31165.4
	102	-31234.9	-3623.9	-1418.2	151.1	0.0	0.0
39	2	38974.9	4536.1	-410.6	-652.3	3531.4	39010.3
	102	-31234.9	-4536.1	410.6	652.3	0.0	0.0
40	2	38974.9	3825.2	-687.0	-261.2	5908.1	32896.9
	102	-31234.9	-3825.2	687.0	261.2	0.0	0.0
41	2	46017.1	-5.4	235.4	4.1	-2024.3	-46.1
	102	-38277.1	5.4	-235.4	-4.1	0.0	0.0
42	2	46017.1	2.7	-117.7	-2.0	1012.0	23.0
	102	-38277.1	-2.7	117.7	2.0	0.0	0.0
43	2	46017.1	-583.7	-45.2	39.9	388.9	-5020.2
	102	-38277.1	583.7	45.2	-39.9	0.0	0.0
44	2	46017.1	711.4	78.9	-69.6	-678.3	6117.9
	102	-38277.1	-711.4	-78.9	69.6	0.0	0.0
45	2	42496.0	-8.9	392.3	6.8	-3373.8	-76.8
	102	-34756.0	8.9	-392.3	-6.8	0.0	0.0
46	2	42496.0	4.5	-196.1	-3.4	1686.6	38.4
	102	-34756.0	-4.5	196.1	3.4	0.0	0.0
47	2	42496.0	-972.9	-75.4	66.5	648.1	-8367.0
	102	-34756.0	972.9	75.4	-66.5	0.0	0.0
48	2	42496.0	1185.6	131.5	-116.1	-1130.5	10196.5
	102	-34756.0	-1185.6	-131.5	116.1	0.0	0.0
49	2	40383.4	0.0	0.0	0.0	0.0	0.0
	102	-32643.4	0.0	0.0	0.0	0.0	0.0
50	2	38974.9	-1.8	78.5	1.4	-674.8	-15.4
	102	-31234.9	1.8	-78.5	-1.4	0.0	0.0
51	2	38974.9	0.9	-39.2	-0.7	337.3	7.7
	102	-31234.9	-0.9	39.2	0.7	0.0	0.0
52	2	38974.9	-194.6	-15.1	13.3	129.6	-1673.4

	102	-31234.9	194.6	15.1	-13.3	0.0	0.0
53	2	38974.9	237.1	26.3	-23.2	-226.1	2039.3
	102	-31234.9	-237.1	-26.3	23.2	0.0	0.0
54	2	38974.9	0.0	0.0	0.0	0.0	0.0
	102	-31234.9	0.0	0.0	0.0	0.0	0.0
55	2	38974.9	-309.2	3150.2	-286.9	-27091.3	-2659.3
	102	-31234.9	309.2	-3150.2	286.9	0.0	0.0
56	2	38974.9	-372.4	2816.7	15.2	-24223.4	-3203.0
	102	-31234.9	372.4	-2816.7	-15.2	0.0	0.0
57	2	38974.9	1773.7	3733.0	-787.8	-32103.9	15254.1
	102	-31234.9	-1773.7	-3733.0	787.8	0.0	0.0
58	2	38974.9	1710.5	3399.5	-485.7	-29236.0	14710.4
	102	-31234.9	-1710.5	-3399.5	485.7	0.0	0.0
59	2	38974.9	-2264.2	2390.1	788.7	-20554.8	-19472.3
	102	-31234.9	2264.2	-2390.1	-788.7	0.0	0.0
60	2	38974.9	-2327.4	2056.6	1090.8	-17686.9	-20016.1
	102	-31234.9	2327.4	-2056.6	-1090.8	0.0	0.0
61	2	61828.3	-181.3	2972.9	287.7	-25567.4	-1558.9
	102	-54088.3	181.3	-2972.9	-287.7	0.0	0.0
62	2	38974.9	-244.5	2639.5	589.9	-22699.5	-2102.6
	102	-31234.9	244.5	-2639.5	-589.9	0.0	0.0
63	2	38974.9	244.5	-2639.5	-589.9	22699.5	2102.6
	102	-31234.9	-244.5	2639.5	589.9	0.0	0.0
64	2	38974.9	181.3	-2973.0	-287.7	25567.4	1558.9
	102	-31234.9	-181.3	2973.0	287.7	0.0	0.0
65	2	38974.9	2327.4	-2056.6	-1090.8	17686.9	20016.0
	102	-31234.9	-2327.4	2056.6	1090.8	0.0	0.0
66	2	38974.9	2264.2	-2390.1	-788.7	20554.8	19472.3
	102	-31234.9	-2264.2	2390.1	788.7	0.0	0.0
67	2	38974.9	-1710.5	-3399.5	485.7	29236.0	-14710.4
	102	-31234.9	1710.5	3399.5	-485.7	0.0	0.0
68	2	38974.9	-1773.7	-3733.0	787.8	32103.9	-15254.1
	102	-31234.9	1773.7	3733.0	-787.8	0.0	0.0
69	2	38974.9	372.4	-2816.7	-15.2	24223.4	3203.0
	102	-31234.9	-372.4	2816.7	15.2	0.0	0.0
70	2	38974.9	309.2	-3150.2	286.9	27091.3	2659.3
	102	-31234.9	-309.2	3150.2	-286.9	0.0	0.0
71	2	61828.3	-3156.0	566.8	215.5	-4874.5	-27141.8
	102	-54088.3	3156.0	-566.8	-215.5	0.0	0.0
72	2	38974.9	-3742.5	338.8	538.2	-2913.6	-32185.7
	102	-31234.9	3742.5	-338.8	-538.2	0.0	0.0
73	2	38974.9	-2989.9	-1170.1	124.6	10062.7	-25713.3
	102	-31234.9	2989.9	1170.1	-124.6	0.0	0.0
74	2	38974.9	-3576.4	-1398.1	447.3	12023.7	-30757.2
	102	-31234.9	3576.4	1398.1	-447.3	0.0	0.0
75	2	38974.9	-3366.8	-544.8	1222.5	4685.0	-28954.2
	102	-31234.9	3366.8	544.8	-1222.5	0.0	0.0
76	2	38974.9	-3953.3	-772.8	1545.2	6645.9	-33998.1
	102	-31234.9	3953.3	772.8	-1545.2	0.0	0.0
77	2	38974.9	-3200.7	-2281.7	1131.7	19622.2	-27525.6
	102	-31234.9	3200.7	2281.7	-1131.7	0.0	0.0
78	2	38974.9	-3787.2	-2509.7	1454.3	21583.2	-32569.6
	102	-31234.9	3787.2	2509.7	-1454.3	0.0	0.0
79	2	38974.9	3787.2	2509.7	-1454.3	-21583.2	32569.6
	102	-31234.9	-3787.2	-2509.7	1454.3	0.0	0.0
80	2	38974.9	3200.7	2281.7	-1131.7	-19622.2	27525.6
	102	-31234.9	-3200.7	-2281.7	1131.7	0.0	0.0
81	2	38974.9	3953.3	772.8	-1545.2	-6645.9	33998.1
	102	-31234.9	-3953.3	-772.8	1545.2	0.0	0.0
82	2	38974.9	3366.8	544.8	-1222.5	-4685.0	28954.2
	102	-31234.9	-3366.8	-544.8	1222.5	0.0	0.0
83	2	38974.9	3576.4	1398.1	-447.3	-12023.7	30757.2
	102	-31234.9	-3576.4	-1398.1	447.3	0.0	0.0
84	2	38974.9	2989.9	1170.1	-124.6	-10062.7	25713.3
	102	-31234.9	-2989.9	-1170.1	124.6	0.0	0.0

85	2	38974.9	3742.5	-338.8	-538.2	2913.6	32185.7
	102	-31234.9	-3742.5	338.8	538.2	0.0	0.0
86	2	38974.9	3156.0	-566.8	-215.5	4874.5	27141.8
	102	-31234.9	-3156.0	566.8	215.5	0.0	0.0
1	3	67588.4	-4.5	353.1	6.1	-3036.5	-38.9
	103	-57526.4	4.5	-353.1	-6.1	0.0	0.0
2	3	67588.4	2.3	-176.5	-3.1	1518.0	19.5
	103	-57526.4	-2.3	176.5	3.1	0.0	0.0
3	3	67588.4	-841.2	-67.8	59.9	583.3	-7234.0
	103	-57526.4	841.2	67.8	-59.9	0.0	0.0
4	3	67588.4	1007.0	118.3	-104.5	-1017.5	8660.0
	103	-57526.4	-1007.0	-118.3	104.5	0.0	0.0
5	3	61496.9	-7.5	588.5	10.2	-5060.8	-64.9
	103	-51434.9	7.5	-588.5	-10.2	0.0	0.0
6	3	61496.9	3.8	-294.2	-5.1	2530.0	32.4
	103	-51434.9	-3.8	294.2	5.1	0.0	0.0
7	3	61496.9	-1401.9	-113.0	99.8	972.2	-12056.7
	103	-51434.9	1401.9	113.0	-99.8	0.0	0.0
8	3	61496.9	1678.3	197.2	-174.1	-1695.8	14433.3
	103	-51434.9	-1678.3	-197.2	174.1	0.0	0.0
9	3	41526.2	-465.7	3818.1	-347.7	-32835.6	-4005.4
	103	-33786.2	465.7	-3818.1	347.7	0.0	0.0
10	3	41526.2	-376.2	3413.9	18.5	-29359.7	-3235.3
	103	-33786.2	376.2	-3413.9	-18.5	0.0	0.0
11	3	41526.2	1802.8	4524.5	-954.9	-38911.1	15503.8
	103	-33786.2	-1802.8	-4524.5	954.9	0.0	0.0
12	3	41526.2	1892.3	4120.4	-588.7	-35435.1	16273.9
	103	-33786.2	-1892.3	-4120.4	588.7	0.0	0.0
13	3	41526.2	-2435.3	2896.9	955.9	-24913.1	-20943.8
	103	-33786.2	2435.3	-2896.9	-955.9	0.0	0.0
14	3	41526.2	-2345.8	2492.7	1322.1	-21437.2	-20173.7
	103	-33786.2	2345.8	-2492.7	-1322.1	0.0	0.0
15	3	41526.2	-166.8	3603.3	348.8	-30988.6	-1434.6
	103	-33786.2	166.8	-3603.3	-348.8	0.0	0.0
16	3	41526.2	-77.3	3199.1	714.9	-27512.6	-664.5
	103	-33786.2	77.3	-3199.1	-714.9	0.0	0.0
17	3	41526.2	77.3	-3199.1	-714.9	27512.6	664.5
	103	-33786.2	-77.3	3199.1	714.9	0.0	0.0
18	3	41526.2	166.8	-3603.3	-348.8	30988.6	1434.6
	103	-33786.2	-166.8	3603.3	348.8	0.0	0.0
19	3	41526.2	2345.8	-2492.7	-1322.1	21437.2	20173.7
	103	-33786.2	-2345.8	2492.7	1322.1	0.0	0.0
20	3	41526.2	2435.3	-2896.9	-955.9	24913.1	20943.8
	103	-33786.2	-2435.3	2896.9	955.9	0.0	0.0
21	3	41526.2	-1892.3	-4120.4	588.7	35435.1	-16273.9
	103	-33786.2	1892.3	4120.4	-588.7	0.0	0.0
22	3	41526.2	-1802.8	-4524.5	954.9	38911.1	-15503.8
	103	-33786.2	1802.8	4524.5	-954.9	0.0	0.0
23	3	41526.2	376.2	-3413.9	-18.5	29359.7	3235.3
	103	-33786.2	-376.2	3413.9	18.5	0.0	0.0
24	3	41526.2	465.7	-3818.1	347.7	32835.6	4005.4
	103	-33786.2	-465.7	3818.1	-347.7	0.0	0.0
25	3	41526.2	-3716.1	687.0	261.2	-5908.1	-31958.7
	103	-33786.2	3716.1	-687.0	-261.2	0.0	0.0
26	3	41526.2	-4307.0	410.6	652.3	-3531.4	-37040.2
	103	-33786.2	4307.0	-410.6	-652.3	0.0	0.0
27	3	41526.2	-3553.2	-1418.2	151.1	12196.4	-30557.7
	103	-33786.2	3553.2	1418.2	-151.1	0.0	0.0
28	3	64311.3	-4144.1	-1694.5	542.2	14573.1	-35639.2
	103	-56571.3	4144.1	1694.5	-542.2	0.0	0.0
29	3	41526.2	-3417.6	-660.3	1481.8	5678.4	-29391.7
	103	-33786.2	3417.6	660.3	-1481.8	0.0	0.0
30	3	41526.2	-4008.5	-936.6	1872.9	8055.1	-34473.2
	103	-33786.2	4008.5	936.6	-1872.9	0.0	0.0

31	3	41526.2	-3254.7	-2765.4	1371.6	23782.8	-27990.7
	103	-33786.2	3254.7	2765.4	-1371.6	0.0	0.0
32	3	41526.2	-3845.6	-3041.8	1762.7	26159.6	-33072.2
	103	-33786.2	3845.6	3041.8	-1762.7	0.0	0.0
33	3	41526.2	3845.6	3041.8	-1762.7	-26159.6	33072.2
	103	-33786.2	-3845.6	-3041.8	1762.7	0.0	0.0
34	3	41526.2	3254.7	2765.4	-1371.6	-23782.8	27990.7
	103	-33786.2	-3254.7	-2765.4	1371.6	0.0	0.0
35	3	41526.2	4008.5	936.6	-1872.9	-8055.1	34473.2
	103	-33786.2	-4008.5	-936.6	1872.9	0.0	0.0
36	3	41526.2	3417.6	660.3	-1481.8	-5678.3	29391.7
	103	-33786.2	-3417.6	-660.3	1481.8	0.0	0.0
37	3	41526.2	4144.1	1694.5	-542.2	-14573.1	35639.2
	103	-33786.2	-4144.1	-1694.5	542.2	0.0	0.0
38	3	41526.2	3553.2	1418.2	-151.1	-12196.4	30557.7
	103	-33786.2	-3553.2	-1418.2	151.1	0.0	0.0
39	3	41526.2	4307.0	-410.6	-652.3	3531.4	37040.2
	103	-33786.2	-4307.0	410.6	652.3	0.0	0.0
40	3	41526.2	3716.1	-687.0	-261.2	5908.1	31958.7
	103	-33786.2	-3716.1	687.0	261.2	0.0	0.0
41	3	49648.2	-3.0	235.4	4.1	-2024.3	-25.9
	103	-41908.2	3.0	-235.4	-4.1	0.0	0.0
42	3	49648.2	1.5	-117.7	-2.0	1012.0	13.0
	103	-41908.2	-1.5	117.7	2.0	0.0	0.0
43	3	49648.2	-560.8	-45.2	39.9	388.9	-4822.7
	103	-41908.2	560.8	45.2	-39.9	0.0	0.0
44	3	49648.2	671.3	78.9	-69.6	-678.3	5773.3
	103	-41908.2	-671.3	-78.9	69.6	0.0	0.0
45	3	45587.2	-5.0	392.3	6.8	-3373.8	-43.2
	103	-37847.2	5.0	-392.3	-6.8	0.0	0.0
46	3	45587.2	2.5	-196.1	-3.4	1686.6	21.6
	103	-37847.2	-2.5	196.1	3.4	0.0	0.0
47	3	45587.2	-934.6	-75.4	66.5	648.1	-8037.8
	103	-37847.2	934.6	75.4	-66.5	0.0	0.0
48	3	45587.2	1118.9	131.5	-116.1	-1130.5	9622.2
	103	-37847.2	-1118.9	-131.5	116.1	0.0	0.0
49	3	43150.6	0.0	0.0	0.0	0.0	0.0
	103	-35410.6	0.0	0.0	0.0	0.0	0.0
50	3	41526.2	-1.0	78.5	1.4	-674.8	-8.6
	103	-33786.2	1.0	-78.5	-1.4	0.0	0.0
51	3	41526.2	0.5	-39.2	-0.7	337.3	4.3
	103	-33786.2	-0.5	39.2	0.7	0.0	0.0
52	3	41526.2	-186.9	-15.1	13.3	129.6	-1607.6
	103	-33786.2	186.9	15.1	-13.3	0.0	0.0
53	3	41526.2	223.8	26.3	-23.2	-226.1	1924.4
	103	-33786.2	-223.8	-26.3	23.2	0.0	0.0
54	3	41526.2	0.0	0.0	0.0	0.0	0.0
	103	-33786.2	0.0	0.0	0.0	0.0	0.0
55	3	41526.2	-384.3	3150.2	-286.9	-27091.3	-3304.7
	103	-33786.2	384.3	-3150.2	286.9	0.0	0.0
56	3	41526.2	-310.4	2816.7	15.2	-24223.4	-2669.3
	103	-33786.2	310.4	-2816.7	-15.2	0.0	0.0
57	3	41526.2	1487.4	3733.0	-787.8	-32103.9	12791.5
	103	-33786.2	-1487.4	-3733.0	787.8	0.0	0.0
58	3	41526.2	1561.3	3399.5	-485.7	-29236.0	13426.9
	103	-33786.2	-1561.3	-3399.5	485.7	0.0	0.0
59	3	41526.2	-2009.3	2390.1	788.7	-20554.8	-17279.9
	103	-33786.2	2009.3	-2390.1	-788.7	0.0	0.0
60	3	41526.2	-1935.4	2056.6	1090.8	-17686.9	-16644.5
	103	-33786.2	1935.4	-2056.6	-1090.8	0.0	0.0
61	3	64311.3	-137.6	2972.9	287.7	-25567.4	-1183.6
	103	-56571.3	137.6	-2972.9	-287.7	0.0	0.0
62	3	41526.2	-63.7	2639.5	589.9	-22699.5	-548.2
	103	-33786.2	63.7	-2639.5	-589.9	0.0	0.0
63	3	41526.2	63.7	-2639.5	-589.9	22699.5	548.2

	103	-33786.2	-63.7	2639.5	589.9	0.0	0.0
64	3	41526.2	137.6	-2973.0	-287.7	25567.4	1183.6
	103	-33786.2	-137.6	2973.0	287.7	0.0	0.0
65	3	41526.2	1935.4	-2056.6	-1090.8	17686.9	16644.5
	103	-33786.2	-1935.4	2056.6	1090.8	0.0	0.0
66	3	41526.2	2009.3	-2390.1	-788.7	20554.8	17279.9
	103	-33786.2	-2009.3	2390.1	788.7	0.0	0.0
67	3	41526.2	-1561.3	-3399.5	485.7	29236.0	-13426.9
	103	-33786.2	1561.3	3399.5	-485.7	0.0	0.0
68	3	41526.2	-1487.4	-3733.0	787.8	32103.9	-12791.6
	103	-33786.2	1487.4	3733.0	-787.8	0.0	0.0
69	3	41526.2	310.4	-2816.7	-15.2	24223.4	2669.3
	103	-33786.2	-310.4	2816.7	15.2	0.0	0.0
70	3	41526.2	384.3	-3150.2	286.9	27091.3	3304.7
	103	-33786.2	-384.3	3150.2	-286.9	0.0	0.0
71	3	64311.3	-3066.0	566.8	215.5	-4874.5	-26367.8
	103	-56571.3	3066.0	-566.8	-215.5	0.0	0.0
72	3	41526.2	-3553.5	338.8	538.2	-2913.6	-30560.3
	103	-33786.2	3553.5	-338.8	-538.2	0.0	0.0
73	3	41526.2	-2931.6	-1170.1	124.6	10062.7	-25211.9
	103	-33786.2	2931.6	1170.1	-124.6	0.0	0.0
74	3	41526.2	-3419.1	-1398.1	447.3	12023.7	-29404.4
	103	-33786.2	3419.1	1398.1	-447.3	0.0	0.0
75	3	41526.2	-2819.7	-544.8	1222.5	4685.0	-24249.8
	103	-33786.2	2819.7	544.8	-1222.5	0.0	0.0
76	3	41526.2	-3307.3	-772.8	1545.2	6645.9	-28442.4
	103	-33786.2	3307.3	772.8	-1545.2	0.0	0.0
77	3	41526.2	-2685.3	-2281.7	1131.7	19622.2	-23093.9
	103	-33786.2	2685.3	2281.7	-1131.7	0.0	0.0
78	3	41526.2	-3172.8	-2509.7	1454.3	21583.2	-27286.5
	103	-33786.2	3172.8	2509.7	-1454.3	0.0	0.0
79	3	41526.2	3172.8	2509.7	-1454.3	-21583.2	27286.5
	103	-33786.2	-3172.8	-2509.7	1454.3	0.0	0.0
80	3	41526.2	2685.3	2281.7	-1131.7	-19622.2	23093.9
	103	-33786.2	-2685.3	-2281.7	1131.7	0.0	0.0
81	3	41526.2	3307.3	772.8	-1545.2	-6645.9	28442.4
	103	-33786.2	-3307.3	-772.8	1545.2	0.0	0.0
82	3	41526.2	2819.7	544.8	-1222.5	-4685.0	24249.8
	103	-33786.2	-2819.7	-544.8	1222.5	0.0	0.0
83	3	41526.2	3419.1	1398.1	-447.3	-12023.7	29404.4
	103	-33786.2	-3419.1	-1398.1	447.3	0.0	0.0
84	3	41526.2	2931.6	1170.1	-124.6	-10062.7	25211.9
	103	-33786.2	-2931.6	-1170.1	124.6	0.0	0.0
85	3	41526.2	3553.5	-338.8	-538.2	2913.6	30560.3
	103	-33786.2	-3553.5	338.8	538.2	0.0	0.0
86	3	41526.2	3066.0	-566.8	-215.5	4874.5	26367.8
	103	-33786.2	-3066.0	566.8	215.5	0.0	0.0
1	4	64593.4	-1.0	353.1	6.1	-3036.5	-8.7
	104	-54531.4	1.0	-353.1	-6.1	0.0	0.0
2	4	64593.4	0.5	-176.5	-3.1	1518.0	4.3
	104	-54531.4	-0.5	176.5	3.1	0.0	0.0
3	4	64593.4	-806.7	-67.8	59.9	583.3	-6937.7
	104	-54531.4	806.7	67.8	-59.9	0.0	0.0
4	4	64593.4	946.9	118.3	-104.5	-1017.5	8143.1
	104	-54531.4	-946.9	-118.3	104.5	0.0	0.0
5	4	58888.6	-1.7	588.5	10.2	-5060.8	-14.5
	104	-48826.6	1.7	-588.5	-10.2	0.0	0.0
6	4	58888.6	0.8	-294.2	-5.1	2530.0	7.2
	104	-48826.6	-0.8	294.2	5.1	0.0	0.0
7	4	58888.6	-1344.5	-113.0	99.8	972.2	-11562.8
	104	-48826.6	1344.5	113.0	-99.8	0.0	0.0
8	4	58888.6	1578.1	197.2	-174.1	-1695.8	13571.9
	104	-48826.6	-1578.1	-197.2	174.1	0.0	0.0
9	4	39886.6	-472.0	3818.1	-347.7	-32835.6	-4059.4

	104	-32146.6	472.0	-3818.1	347.7	0.0	0.0
10	4	39886.6	-251.6	3413.9	18.5	-29359.7	-2163.5
	104	-32146.6	251.6	-3413.9	-18.5	0.0	0.0
11	4	39886.6	1580.6	4524.5	-954.9	-38911.1	13592.9
	104	-32146.6	-1580.6	-4524.5	954.9	0.0	0.0
12	4	39886.6	1801.0	4120.4	-588.7	-35435.1	15488.8
	104	-32146.6	-1801.0	-4120.4	588.7	0.0	0.0
13	4	39886.6	-2279.9	2896.9	955.9	-24913.1	-19607.3
	104	-32146.6	2279.9	-2896.9	-955.9	0.0	0.0
14	4	39886.6	-2059.5	2492.7	1322.1	-21437.2	-17711.3
	104	-32146.6	2059.5	-2492.7	-1322.1	0.0	0.0
15	4	39886.6	-227.3	3603.3	348.8	-30988.6	-1955.0
	104	-32146.6	227.3	-3603.3	-348.8	0.0	0.0
16	4	39886.6	-6.9	3199.1	714.9	-27512.6	-59.0
	104	-32146.6	6.9	-3199.1	-714.9	0.0	0.0
17	4	39886.6	6.9	-3199.1	-714.9	27512.6	59.0
	104	-32146.6	-6.9	3199.1	714.9	0.0	0.0
18	4	39886.6	227.3	-3603.3	-348.8	30988.6	1955.0
	104	-32146.6	-227.3	3603.3	348.8	0.0	0.0
19	4	39886.6	2059.5	-2492.7	-1322.1	21437.2	17711.3
	104	-32146.6	-2059.5	2492.7	1322.1	0.0	0.0
20	4	39886.6	2279.9	-2896.9	-955.9	24913.1	19607.3
	104	-32146.6	-2279.9	2896.9	955.9	0.0	0.0
21	4	39886.6	-1801.0	-4120.4	588.7	35435.1	-15488.8
	104	-32146.6	1801.0	4120.4	-588.7	0.0	0.0
22	4	39886.6	-1580.6	-4524.5	954.9	38911.1	-13592.9
	104	-32146.6	1580.6	4524.5	-954.9	0.0	0.0
23	4	39886.6	251.6	-3413.9	-18.5	29359.7	2163.5
	104	-32146.6	-251.6	3413.9	18.5	0.0	0.0
24	4	39886.6	472.0	-3818.1	347.7	32835.6	4059.4
	104	-32146.6	-472.0	3818.1	-347.7	0.0	0.0
25	4	39886.6	-3589.1	687.0	261.2	-5908.1	-30866.0
	104	-32146.6	3589.1	-687.0	-261.2	0.0	0.0
26	4	39886.6	-4131.4	410.6	652.3	-3531.4	-35530.4
	104	-32146.6	4131.4	-410.6	-652.3	0.0	0.0
27	4	39886.6	-3445.4	-1418.2	151.1	12196.4	-29630.5
	104	-32146.6	3445.4	1418.2	-151.1	0.0	0.0
28	4	62674.8	-3987.8	-1694.5	542.2	14573.1	-34294.8
	104	-54934.8	3987.8	1694.5	-542.2	0.0	0.0
29	4	39886.6	-2854.2	-660.3	1481.8	5678.4	-24546.2
	104	-32146.6	2854.2	660.3	-1481.8	0.0	0.0
30	4	39886.6	-3396.6	-936.6	1872.9	8055.1	-29210.5
	104	-32146.6	3396.6	936.6	-1872.9	0.0	0.0
31	4	39886.6	-2710.5	-2765.4	1371.6	23782.8	-23310.7
	104	-32146.6	2710.5	2765.4	-1371.6	0.0	0.0
32	4	39886.6	-3252.9	-3041.8	1762.7	26159.6	-27975.0
	104	-32146.6	3252.9	3041.8	-1762.7	0.0	0.0
33	4	39886.6	3252.9	3041.8	-1762.7	-26159.6	27975.0
	104	-32146.6	-3252.9	-3041.8	1762.7	0.0	0.0
34	4	39886.6	2710.5	2765.4	-1371.6	-23782.8	23310.7
	104	-32146.6	-2710.5	-2765.4	1371.6	0.0	0.0
35	4	39886.6	3396.6	936.6	-1872.9	-8055.1	29210.5
	104	-32146.6	-3396.6	-936.6	1872.9	0.0	0.0
36	4	39886.6	2854.2	660.3	-1481.8	-5678.3	24546.2
	104	-32146.6	-2854.2	-660.3	1481.8	0.0	0.0
37	4	39886.6	3987.8	1694.5	-542.2	-14573.1	34294.8
	104	-32146.6	-3987.8	-1694.5	542.2	0.0	0.0
38	4	39886.6	3445.4	1418.2	-151.1	-12196.4	29630.5
	104	-32146.6	-3445.4	-1418.2	151.1	0.0	0.0
39	4	39886.6	4131.4	-410.6	-652.3	3531.4	35530.4
	104	-32146.6	-4131.4	410.6	652.3	0.0	0.0
40	4	39886.6	3589.1	-687.0	-261.2	5908.1	30866.0
	104	-32146.6	-3589.1	687.0	261.2	0.0	0.0
41	4	47493.1	-0.7	235.4	4.1	-2024.3	-5.8
	104	-39753.1	0.7	-235.4	-4.1	0.0	0.0

42	4	47493.1	0.3	-117.7	-2.0	1012.0	2.9
	104	-39753.1	-0.3	117.7	2.0	0.0	0.0
43	4	47493.1	-537.8	-45.2	39.9	388.9	-4625.1
	104	-39753.1	537.8	45.2	-39.9	0.0	0.0
44	4	47493.1	631.2	78.9	-69.6	-678.3	5428.7
	104	-39753.1	-631.2	-78.9	69.6	0.0	0.0
45	4	43689.8	-1.1	392.3	6.8	-3373.8	-9.7
	104	-35949.8	1.1	-392.3	-6.8	0.0	0.0
46	4	43689.8	0.6	-196.1	-3.4	1686.6	4.8
	104	-35949.8	-0.6	196.1	3.4	0.0	0.0
47	4	43689.8	-896.3	-75.4	66.5	648.1	-7708.5
	104	-35949.8	896.3	75.4	-66.5	0.0	0.0
48	4	43689.8	1052.1	131.5	-116.1	-1130.5	9047.9
	104	-35949.8	-1052.1	-131.5	116.1	0.0	0.0
49	4	41407.9	0.0	0.0	0.0	0.0	0.0
	104	-33667.9	0.0	0.0	0.0	0.0	0.0
50	4	39886.6	-0.2	78.5	1.4	-674.8	-1.9
	104	-32146.6	0.2	-78.5	-1.4	0.0	0.0
51	4	39886.6	0.1	-39.2	-0.7	337.3	1.0
	104	-32146.6	-0.1	39.2	0.7	0.0	0.0
52	4	39886.6	-179.3	-15.1	13.3	129.6	-1541.7
	104	-32146.6	179.3	15.1	-13.3	0.0	0.0
53	4	39886.6	210.4	26.3	-23.2	-226.1	1809.6
	104	-32146.6	-210.4	-26.3	23.2	0.0	0.0
54	4	39886.6	0.0	0.0	0.0	0.0	0.0
	104	-32146.6	0.0	0.0	0.0	0.0	0.0
55	4	39886.6	-389.5	3150.2	-286.9	-27091.3	-3349.3
	104	-32146.6	389.5	-3150.2	286.9	0.0	0.0
56	4	39886.6	-207.6	2816.7	15.2	-24223.4	-1785.0
	104	-32146.6	207.6	-2816.7	-15.2	0.0	0.0
57	4	39886.6	1304.1	3733.0	-787.8	-32103.9	11214.9
	104	-32146.6	-1304.1	-3733.0	787.8	0.0	0.0
58	4	39886.6	1485.9	3399.5	-485.7	-29236.0	12779.2
	104	-32146.6	-1485.9	-3399.5	485.7	0.0	0.0
59	4	39886.6	-1881.1	2390.1	788.7	-20554.8	-16177.1
	104	-32146.6	1881.1	-2390.1	-788.7	0.0	0.0
60	4	39886.6	-1699.2	2056.6	1090.8	-17686.9	-14612.9
	104	-32146.6	1699.2	-2056.6	-1090.8	0.0	0.0
61	4	62674.8	-187.6	2972.9	287.7	-25567.4	-1613.0
	104	-54934.8	187.6	-2972.9	-287.7	0.0	0.0
62	4	39886.6	-5.7	2639.5	589.9	-22699.5	-48.7
	104	-32146.6	5.7	-2639.5	-589.9	0.0	0.0
63	4	39886.6	5.7	-2639.5	-589.9	22699.5	48.7
	104	-32146.6	-5.7	2639.5	589.9	0.0	0.0
64	4	39886.6	187.6	-2973.0	-287.7	25567.4	1613.0
	104	-32146.6	-187.6	2973.0	287.7	0.0	0.0
65	4	39886.6	1699.2	-2056.6	-1090.8	17686.9	14612.9
	104	-32146.6	-1699.2	2056.6	1090.8	0.0	0.0
66	4	39886.6	1881.1	-2390.1	-788.7	20554.8	16177.1
	104	-32146.6	-1881.1	2390.1	788.7	0.0	0.0
67	4	39886.6	-1485.9	-3399.5	485.7	29236.0	-12779.2
	104	-32146.6	1485.9	3399.5	-485.7	0.0	0.0
68	4	39886.6	-1304.1	-3733.0	787.8	32103.9	-11214.9
	104	-32146.6	1304.1	3733.0	-787.8	0.0	0.0
69	4	39886.6	207.6	-2816.7	-15.2	24223.4	1785.0
	104	-32146.6	-207.6	2816.7	15.2	0.0	0.0
70	4	39886.6	389.5	-3150.2	286.9	27091.3	3349.3
	104	-32146.6	-389.5	3150.2	-286.9	0.0	0.0
71	4	62674.8	-2961.2	566.8	215.5	-4874.5	-25466.3
	104	-54934.8	2961.2	-566.8	-215.5	0.0	0.0
72	4	39886.6	-3408.7	338.8	538.2	-2913.6	-29314.6
	104	-32146.6	3408.7	-338.8	-538.2	0.0	0.0
73	4	39886.6	-2842.7	-1170.1	124.6	10062.7	-24446.9
	104	-32146.6	2842.7	1170.1	-124.6	0.0	0.0
74	4	39886.6	-3290.1	-1398.1	447.3	12023.7	-28295.2

	104	-32146.6	3290.1	1398.1	-447.3	0.0	0.0
75	4	39886.6	-2354.9	-544.8	1222.5	4685.0	-20252.0
	104	-32146.6	2354.9	544.8	-1222.5	0.0	0.0
76	4	39886.6	-2802.4	-772.8	1545.2	6645.9	-24100.4
	104	-32146.6	2802.4	772.8	-1545.2	0.0	0.0
77	4	39886.6	-2236.4	-2281.7	1131.7	19622.2	-19232.6
	104	-32146.6	2236.4	2281.7	-1131.7	0.0	0.0
78	4	39886.6	-2683.8	-2509.7	1454.3	21583.2	-23081.0
	104	-32146.6	2683.8	2509.7	-1454.3	0.0	0.0
79	4	39886.6	2683.8	2509.7	-1454.3	-21583.2	23081.0
	104	-32146.6	-2683.8	-2509.7	1454.3	0.0	0.0
80	4	39886.6	2236.4	2281.7	-1131.7	-19622.2	19232.6
	104	-32146.6	-2236.4	-2281.7	1131.7	0.0	0.0
81	4	39886.6	2802.4	772.8	-1545.2	-6645.9	24100.4
	104	-32146.6	-2802.4	-772.8	1545.2	0.0	0.0
82	4	39886.6	2354.9	544.8	-1222.5	-4685.0	20252.0
	104	-32146.6	-2354.9	-544.8	1222.5	0.0	0.0
83	4	39886.6	3290.1	1398.1	-447.3	-12023.7	28295.2
	104	-32146.6	-3290.1	-1398.1	447.3	0.0	0.0
84	4	39886.6	2842.7	1170.1	-124.6	-10062.7	24446.9
	104	-32146.6	-2842.7	-1170.1	124.6	0.0	0.0
85	4	39886.6	3408.7	-338.8	-538.2	2913.6	29314.6
	104	-32146.6	-3408.7	338.8	538.2	0.0	0.0
86	4	39886.6	2961.2	-566.8	-215.5	4874.5	25466.3
	104	-32146.6	-2961.2	566.8	215.5	0.0	0.0
1	5	66012.4	2.5	353.1	6.1	-3036.5	21.5
	105	-55950.4	-2.5	-353.1	-6.1	0.0	0.0
2	5	66012.4	-1.3	-176.5	-3.1	1518.0	-10.8
	105	-55950.4	1.3	176.5	3.1	0.0	0.0
3	5	66012.4	-772.3	-67.8	59.9	583.3	-6641.4
	105	-55950.4	772.3	67.8	-59.9	0.0	0.0
4	5	66012.4	886.8	118.3	-104.5	-1017.5	7626.2
	105	-55950.4	-886.8	-118.3	104.5	0.0	0.0
5	5	60124.3	4.2	588.5	10.2	-5060.8	35.9
	105	-50062.3	-4.2	-588.5	-10.2	0.0	0.0
6	5	60124.3	-2.1	-294.2	-5.1	2530.0	-18.0
	105	-50062.3	2.1	294.2	5.1	0.0	0.0
7	5	60124.3	-1287.1	-113.0	99.8	972.2	-11069.0
	105	-50062.3	1287.1	113.0	-99.8	0.0	0.0
8	5	60124.3	1478.0	197.2	-174.1	-1695.8	12710.4
	105	-50062.3	-1478.0	-197.2	174.1	0.0	0.0
9	5	40663.4	-1817.5	3818.1	-347.7	-32835.6	-15630.7
	105	-32923.4	1817.5	-3818.1	347.7	0.0	0.0
10	5	40663.4	-1525.9	3413.9	18.5	-29359.7	-13122.6
	105	-32923.4	1525.9	-3413.9	-18.5	0.0	0.0
11	5	40663.4	84.4	4524.5	-954.9	-38911.1	725.4
	105	-32923.4	-84.4	-4524.5	954.9	0.0	0.0
12	5	40663.4	376.0	4120.4	-588.7	-35435.1	3233.5
	105	-32923.4	-376.0	-4120.4	588.7	0.0	0.0
13	5	40663.4	127.4	2896.9	955.9	-24913.1	1095.6
	105	-32923.4	-127.4	-2896.9	-955.9	0.0	0.0
14	5	40663.4	419.0	2492.7	1322.1	-21437.2	3603.8
	105	-32923.4	-419.0	-2492.7	-1322.1	0.0	0.0
15	5	40663.4	2029.3	3603.3	348.8	-30988.6	17451.8
	105	-32923.4	-2029.3	-3603.3	-348.8	0.0	0.0
16	5	40663.4	2320.9	3199.1	714.9	-27512.6	19959.9
	105	-32923.4	-2320.9	-3199.1	-714.9	0.0	0.0
17	5	40663.4	-2320.9	-3199.1	-714.9	27512.6	-19959.9
	105	-32923.4	2320.9	3199.1	714.9	0.0	0.0
18	5	40663.4	-2029.3	-3603.3	-348.8	30988.6	-17451.8
	105	-32923.4	2029.3	3603.3	348.8	0.0	0.0
19	5	40663.4	-419.0	-2492.7	-1322.1	21437.2	-3603.8
	105	-32923.4	419.0	2492.7	1322.1	0.0	0.0
20	5	40663.4	-127.4	-2896.9	-955.9	24913.1	-1095.6

	105	-32923.4	127.4	2896.9	955.9	0.0	0.0
21	5	40663.4	-376.0	-4120.4	588.7	35435.1	-3233.5
	105	-32923.4	376.0	4120.4	-588.7	0.0	0.0
22	5	40663.4	-84.4	-4524.5	954.9	38911.1	-725.4
	105	-32923.4	84.4	4524.5	-954.9	0.0	0.0
23	5	40663.4	1525.9	-3413.9	-18.5	29359.7	13122.6
	105	-32923.4	-1525.9	3413.9	18.5	0.0	0.0
24	5	40663.4	1817.5	-3818.1	347.7	32835.6	15630.7
	105	-32923.4	-1817.5	3818.1	-347.7	0.0	0.0
25	5	40663.4	-3872.1	687.0	261.2	-5908.1	-33300.0
	105	-32923.4	3872.1	-687.0	-261.2	0.0	0.0
26	5	40663.4	-3288.6	410.6	652.3	-3531.4	-28282.1
	105	-32923.4	3288.6	-410.6	-652.3	0.0	0.0
27	5	40663.4	-4023.1	-1418.2	151.1	12196.4	-34598.8
	105	-32923.4	4023.1	1418.2	-151.1	0.0	0.0
28	5	63449.6	-3439.6	-1694.5	542.2	14573.1	-29580.9
	105	-55709.6	3439.6	1694.5	-542.2	0.0	0.0
29	5	40663.4	-2900.0	-660.3	1481.8	5678.4	-24939.7
	105	-32923.4	2900.0	660.3	-1481.8	0.0	0.0
30	5	40663.4	-2316.5	-936.6	1872.9	8055.1	-19921.8
	105	-32923.4	2316.5	936.6	-1872.9	0.0	0.0
31	5	40663.4	-3051.0	-2765.4	1371.6	23782.8	-26238.4
	105	-32923.4	3051.0	2765.4	-1371.6	0.0	0.0
32	5	40663.4	-2467.5	-3041.8	1762.7	26159.6	-21220.5
	105	-32923.4	2467.5	3041.8	-1762.7	0.0	0.0
33	5	40663.4	2467.5	3041.8	-1762.7	-26159.6	21220.5
	105	-32923.4	-2467.5	-3041.8	1762.7	0.0	0.0
34	5	40663.4	3051.0	2765.4	-1371.6	-23782.8	26238.4
	105	-32923.4	-3051.0	-2765.4	1371.6	0.0	0.0
35	5	40663.4	2316.5	936.6	-1872.9	-8055.1	19921.8
	105	-32923.4	-2316.5	-936.6	1872.9	0.0	0.0
36	5	40663.4	2900.0	660.3	-1481.8	-5678.3	24939.7
	105	-32923.4	-2900.0	-660.3	1481.8	0.0	0.0
37	5	40663.4	3439.6	1694.5	-542.2	-14573.1	29580.9
	105	-32923.4	-3439.6	-1694.5	542.2	0.0	0.0
38	5	40663.4	4023.1	1418.2	-151.1	-12196.4	34598.8
	105	-32923.4	-4023.1	-1418.2	151.1	0.0	0.0
39	5	40663.4	3288.6	-410.6	-652.3	3531.4	28282.1
	105	-32923.4	-3288.6	410.6	652.3	0.0	0.0
40	5	40663.4	3872.1	-687.0	-261.2	5908.1	33300.0
	105	-32923.4	-3872.1	687.0	261.2	0.0	0.0
41	5	48514.1	1.7	235.4	4.1	-2024.3	14.4
	105	-40774.1	-1.7	-235.4	-4.1	0.0	0.0
42	5	48514.1	-0.8	-117.7	-2.0	1012.0	-7.2
	105	-40774.1	0.8	117.7	2.0	0.0	0.0
43	5	48514.1	-514.8	-45.2	39.9	388.9	-4427.6
	105	-40774.1	514.8	45.2	-39.9	0.0	0.0
44	5	48514.1	591.2	78.9	-69.6	-678.3	5084.2
	105	-40774.1	-591.2	-78.9	69.6	0.0	0.0
45	5	44588.7	2.8	392.3	6.8	-3373.8	23.9
	105	-36848.7	-2.8	-392.3	-6.8	0.0	0.0
46	5	44588.7	-1.4	-196.1	-3.4	1686.6	-12.0
	105	-36848.7	1.4	196.1	3.4	0.0	0.0
47	5	44588.7	-858.1	-75.4	66.5	648.1	-7379.3
	105	-36848.7	858.1	75.4	-66.5	0.0	0.0
48	5	44588.7	985.3	131.5	-116.1	-1130.5	8473.6
	105	-36848.7	-985.3	-131.5	116.1	0.0	0.0
49	5	42233.5	0.0	0.0	0.0	0.0	0.0
	105	-34493.5	0.0	0.0	0.0	0.0	0.0
50	5	40663.4	0.6	78.5	1.4	-674.8	4.8
	105	-32923.4	-0.6	-78.5	-1.4	0.0	0.0
51	5	40663.4	-0.3	-39.2	-0.7	337.3	-2.4
	105	-32923.4	0.3	39.2	0.7	0.0	0.0
52	5	40663.4	-171.6	-15.1	13.3	129.6	-1475.9
	105	-32923.4	171.6	15.1	-13.3	0.0	0.0

53	5	40663.4	197.1	26.3	-23.2	-226.1	1694.7
	105	-32923.4	-197.1	-26.3	23.2	0.0	0.0
54	5	40663.4	0.0	0.0	0.0	0.0	0.0
	105	-32923.4	0.0	0.0	0.0	0.0	0.0
55	5	40663.4	-1499.6	3150.2	-286.9	-27091.3	-12896.3
	105	-32923.4	1499.6	-3150.2	286.9	0.0	0.0
56	5	40663.4	-1258.9	2816.7	15.2	-24223.4	-10826.9
	105	-32923.4	1258.9	-2816.7	-15.2	0.0	0.0
57	5	40663.4	69.6	3733.0	-787.8	-32103.9	598.5
	105	-32923.4	-69.6	-3733.0	787.8	0.0	0.0
58	5	40663.4	310.2	3399.5	-485.7	-29236.0	2667.9
	105	-32923.4	-310.2	-3399.5	485.7	0.0	0.0
59	5	40663.4	105.1	2390.1	788.7	-20554.8	904.0
	105	-32923.4	-105.1	-2390.1	-788.7	0.0	0.0
60	5	40663.4	345.7	2056.6	1090.8	-17686.9	2973.3
	105	-32923.4	-345.7	-2056.6	-1090.8	0.0	0.0
61	5	63449.6	1674.3	2972.9	287.7	-25567.4	14398.7
	105	-55709.6	-1674.3	-2972.9	-287.7	0.0	0.0
62	5	40663.4	1914.9	2639.5	589.9	-22699.5	16468.1
	105	-32923.4	-1914.9	-2639.5	-589.9	0.0	0.0
63	5	40663.4	-1914.9	-2639.5	-589.9	22699.5	-16468.1
	105	-32923.4	1914.9	2639.5	589.9	0.0	0.0
64	5	40663.4	-1674.3	-2973.0	-287.7	25567.4	-14398.7
	105	-32923.4	1674.3	2973.0	287.7	0.0	0.0
65	5	40663.4	-345.7	-2056.6	-1090.8	17686.9	-2973.3
	105	-32923.4	345.7	2056.6	1090.8	0.0	0.0
66	5	40663.4	-105.1	-2390.1	-788.7	20554.8	-904.0
	105	-32923.4	105.1	2390.1	788.7	0.0	0.0
67	5	40663.4	-310.2	-3399.5	485.7	29236.0	-2667.9
	105	-32923.4	310.2	3399.5	-485.7	0.0	0.0
68	5	40663.4	-69.6	-3733.0	787.8	32103.9	-598.5
	105	-32923.4	69.6	3733.0	-787.8	0.0	0.0
69	5	40663.4	1258.9	-2816.7	-15.2	24223.4	10826.9
	105	-32923.4	-1258.9	2816.7	15.2	0.0	0.0
70	5	40663.4	1499.6	-3150.2	286.9	27091.3	12896.3
	105	-32923.4	-1499.6	3150.2	-286.9	0.0	0.0
71	5	63449.6	-3194.7	566.8	215.5	-4874.5	-27474.5
	105	-55709.6	3194.7	-566.8	-215.5	0.0	0.0
72	5	40663.4	-2713.3	338.8	538.2	-2913.6	-23334.4
	105	-32923.4	2713.3	-338.8	-538.2	0.0	0.0
73	5	40663.4	-3319.3	-1170.1	124.6	10062.7	-28546.0
	105	-32923.4	3319.3	1170.1	-124.6	0.0	0.0
74	5	40663.4	-2837.9	-1398.1	447.3	12023.7	-24405.9
	105	-32923.4	2837.9	1398.1	-447.3	0.0	0.0
75	5	40663.4	-2392.6	-544.8	1222.5	4685.0	-20576.7
	105	-32923.4	2392.6	544.8	-1222.5	0.0	0.0
76	5	40663.4	-1911.2	-772.8	1545.2	6645.9	-16436.6
	105	-32923.4	1911.2	772.8	-1545.2	0.0	0.0
77	5	40663.4	-2517.2	-2281.7	1131.7	19622.2	-21648.2
	105	-32923.4	2517.2	2281.7	-1131.7	0.0	0.0
78	5	40663.4	-2035.8	-2509.7	1454.3	21583.2	-17508.1
	105	-32923.4	2035.8	2509.7	-1454.3	0.0	0.0
79	5	40663.4	2035.8	2509.7	-1454.3	-21583.2	17508.1
	105	-32923.4	-2035.8	-2509.7	1454.3	0.0	0.0
80	5	40663.4	2517.2	2281.7	-1131.7	-19622.2	21648.2
	105	-32923.4	-2517.2	-2281.7	1131.7	0.0	0.0
81	5	40663.4	1911.2	772.8	-1545.2	-6645.9	16436.6
	105	-32923.4	-1911.2	-772.8	1545.2	0.0	0.0
82	5	40663.4	2392.6	544.8	-1222.5	-4685.0	20576.7
	105	-32923.4	-2392.6	-544.8	1222.5	0.0	0.0
83	5	40663.4	2837.9	1398.1	-447.3	-12023.7	24405.9
	105	-32923.4	-2837.9	-1398.1	447.3	0.0	0.0
84	5	40663.4	3319.3	1170.1	-124.6	-10062.7	28546.0
	105	-32923.4	-3319.3	-1170.1	124.6	0.0	0.0
85	5	40663.4	2713.3	-338.8	-538.2	2913.6	23334.4

	105	-32923.4	-2713.3	338.8	538.2	0.0	0.0
86	5	40663.4	3194.7	-566.8	-215.5	4874.5	27474.5
	105	-32923.4	-3194.7	566.8	215.5	0.0	0.0
1	6	64674.9	6.0	353.1	6.1	-3036.5	51.8
	106	-54612.9	-6.0	-353.1	-6.1	0.0	0.0
2	6	64674.9	-3.0	-176.5	-3.1	1518.0	-25.9
	106	-54612.9	3.0	176.5	3.1	0.0	0.0
3	6	64674.9	-737.8	-67.8	59.9	583.3	-6345.1
	106	-54612.9	737.8	67.8	-59.9	0.0	0.0
4	6	64674.9	826.7	118.3	-104.5	-1017.5	7109.3
	106	-54612.9	-826.7	-118.3	104.5	0.0	0.0
5	6	59066.4	10.0	588.5	10.2	-5060.8	86.3
	106	-49004.4	-10.0	-588.5	-10.2	0.0	0.0
6	6	59066.4	-5.0	-294.2	-5.1	2530.0	-43.1
	106	-49004.4	5.0	294.2	5.1	0.0	0.0
7	6	59066.4	-1229.7	-113.0	99.8	972.2	-10575.1
	106	-49004.4	1229.7	113.0	-99.8	0.0	0.0
8	6	59066.4	1377.8	197.2	-174.1	-1695.8	11848.9
	106	-49004.4	-1377.8	-197.2	174.1	0.0	0.0
9	6	40114.9	-1921.8	3818.1	-347.7	-32835.6	-16527.4
	106	-32374.9	1921.8	-3818.1	347.7	0.0	0.0
10	6	40114.9	-1645.4	3413.9	18.5	-29359.7	-14150.4
	106	-32374.9	1645.4	-3413.9	-18.5	0.0	0.0
11	6	40114.9	-78.1	4524.5	-954.9	-38911.1	-671.8
	106	-32374.9	78.1	-4524.5	954.9	0.0	0.0
12	6	40114.9	198.3	4120.4	-588.7	-35435.1	1705.3
	106	-32374.9	-198.3	-4120.4	588.7	0.0	0.0
13	6	40114.9	406.9	2896.9	955.9	-24913.1	3499.5
	106	-32374.9	-406.9	-2896.9	-955.9	0.0	0.0
14	6	40114.9	683.3	2492.7	1322.1	-21437.2	5876.6
	106	-32374.9	-683.3	-2492.7	-1322.1	0.0	0.0
15	6	40114.9	2250.6	3603.3	348.8	-30988.6	19355.2
	106	-32374.9	-2250.6	-3603.3	-348.8	0.0	0.0
16	6	40114.9	2527.0	3199.1	714.9	-27512.6	21732.2
	106	-32374.9	-2527.0	-3199.1	-714.9	0.0	0.0
17	6	40114.9	-2527.0	-3199.1	-714.9	27512.6	-21732.2
	106	-32374.9	2527.0	3199.1	714.9	0.0	0.0
18	6	40114.9	-2250.6	-3603.3	-348.8	30988.6	-19355.2
	106	-32374.9	2250.6	3603.3	348.8	0.0	0.0
19	6	40114.9	-683.3	-2492.7	-1322.1	21437.2	-5876.6
	106	-32374.9	683.3	2492.7	1322.1	0.0	0.0
20	6	40114.9	-406.9	-2896.9	-955.9	24913.1	-3499.5
	106	-32374.9	406.9	2896.9	955.9	0.0	0.0
21	6	40114.9	-198.3	-4120.4	588.7	35435.1	-1705.3
	106	-32374.9	198.3	4120.4	-588.7	0.0	0.0
22	6	40114.9	78.1	-4524.5	954.9	38911.1	671.8
	106	-32374.9	-78.1	4524.5	-954.9	0.0	0.0
23	6	40114.9	1645.4	-3413.9	-18.5	29359.7	14150.4
	106	-32374.9	-1645.4	3413.9	18.5	0.0	0.0
24	6	40114.9	1921.8	-3818.1	347.7	32835.6	16527.4
	106	-32374.9	-1921.8	3818.1	-347.7	0.0	0.0
25	6	40114.9	-3792.0	687.0	261.2	-5908.1	-32611.2
	106	-32374.9	3792.0	-687.0	-261.2	0.0	0.0
26	6	40114.9	-3093.4	410.6	652.3	-3531.4	-26603.1
	106	-32374.9	3093.4	-410.6	-652.3	0.0	0.0
27	6	40114.9	-3973.6	-1418.2	151.1	12196.4	-34172.6
	106	-32374.9	3973.6	1418.2	-151.1	0.0	0.0
28	6	62900.5	-3274.9	-1694.5	542.2	14573.1	-28164.6
	106	-55160.5	3274.9	1694.5	-542.2	0.0	0.0
29	6	40114.9	-2870.7	-660.3	1481.8	5678.4	-24687.7
	106	-32374.9	2870.7	660.3	-1481.8	0.0	0.0
30	6	40114.9	-2172.0	-936.6	1872.9	8055.1	-18679.6
	106	-32374.9	2172.0	936.6	-1872.9	0.0	0.0
31	6	40114.9	-3052.2	-2765.4	1371.6	23782.8	-26249.1

	106	-32374.9	3052.2	2765.4	-1371.6	0.0	0.0
32	6	40114.9	-2353.6	-3041.8	1762.7	26159.6	-20241.1
	106	-32374.9	2353.6	3041.8	-1762.7	0.0	0.0
33	6	40114.9	2353.6	3041.8	-1762.7	-26159.6	20241.1
	106	-32374.9	-2353.6	-3041.8	1762.7	0.0	0.0
34	6	40114.9	3052.2	2765.4	-1371.6	-23782.8	26249.1
	106	-32374.9	-3052.2	-2765.4	1371.6	0.0	0.0
35	6	40114.9	2172.0	936.6	-1872.9	-8055.1	18679.6
	106	-32374.9	-2172.0	-936.6	1872.9	0.0	0.0
36	6	40114.9	2870.7	660.3	-1481.8	-5678.3	24687.7
	106	-32374.9	-2870.7	-660.3	1481.8	0.0	0.0
37	6	40114.9	3274.9	1694.5	-542.2	-14573.1	28164.6
	106	-32374.9	-3274.9	-1694.5	542.2	0.0	0.0
38	6	40114.9	3973.6	1418.2	-151.1	-12196.4	34172.6
	106	-32374.9	-3973.6	-1418.2	151.1	0.0	0.0
39	6	40114.9	3093.4	410.6	-652.3	3531.4	26603.1
	106	-32374.9	-3093.4	410.6	652.3	0.0	0.0
40	6	40114.9	3792.0	-687.0	-261.2	5908.1	32611.2
	106	-32374.9	-3792.0	687.0	261.2	0.0	0.0
41	6	47592.8	4.0	235.4	4.1	-2024.3	34.5
	106	-39852.8	-4.0	-235.4	-4.1	0.0	0.0
42	6	47592.8	-2.0	-117.7	-2.0	1012.0	-17.3
	106	-39852.8	2.0	117.7	2.0	0.0	0.0
43	6	47592.8	-491.9	-45.2	39.9	388.9	-4230.0
	106	-39852.8	491.9	45.2	-39.9	0.0	0.0
44	6	47592.8	551.1	78.9	-69.6	-678.3	4739.6
	106	-39852.8	-551.1	-78.9	69.6	0.0	0.0
45	6	43853.8	6.7	392.3	6.8	-3373.8	57.5
	106	-36113.8	-6.7	-392.3	-6.8	0.0	0.0
46	6	43853.8	-3.3	-196.1	-3.4	1686.6	-28.8
	106	-36113.8	3.3	196.1	3.4	0.0	0.0
47	6	43853.8	-819.8	-75.4	66.5	648.1	-7050.1
	106	-36113.8	819.8	75.4	-66.5	0.0	0.0
48	6	43853.8	918.5	131.5	-116.1	-1130.5	7899.3
	106	-36113.8	-918.5	-131.5	116.1	0.0	0.0
49	6	41610.5	0.0	0.0	0.0	0.0	0.0
	106	-33870.5	0.0	0.0	0.0	0.0	0.0
50	6	40114.9	1.3	78.5	1.4	-674.8	11.5
	106	-32374.9	-1.3	-78.5	-1.4	0.0	0.0
51	6	40114.9	-0.7	-39.2	-0.7	337.3	-5.8
	106	-32374.9	0.7	39.2	0.7	0.0	0.0
52	6	40114.9	-164.0	-15.1	13.3	129.6	-1410.0
	106	-32374.9	164.0	15.1	-13.3	0.0	0.0
53	6	40114.9	183.7	26.3	-23.2	-226.1	1579.9
	106	-32374.9	-183.7	-26.3	23.2	0.0	0.0
54	6	40114.9	0.0	0.0	0.0	0.0	0.0
	106	-32374.9	0.0	0.0	0.0	0.0	0.0
55	6	40114.9	-1585.6	3150.2	-286.9	-27091.3	-13636.1
	106	-32374.9	1585.6	-3150.2	286.9	0.0	0.0
56	6	40114.9	-1357.5	2816.7	15.2	-24223.4	-11674.9
	106	-32374.9	1357.5	-2816.7	-15.2	0.0	0.0
57	6	40114.9	-64.4	3733.0	-787.8	-32103.9	-554.2
	106	-32374.9	64.4	-3733.0	787.8	0.0	0.0
58	6	40114.9	163.6	3399.5	-485.7	-29236.0	1407.0
	106	-32374.9	-163.6	-3399.5	485.7	0.0	0.0
59	6	40114.9	335.7	2390.1	788.7	-20554.8	2887.3
	106	-32374.9	-335.7	-2390.1	-788.7	0.0	0.0
60	6	40114.9	563.8	2056.6	1090.8	-17686.9	4848.5
	106	-32374.9	-563.8	-2056.6	-1090.8	0.0	0.0
61	6	62900.5	1856.9	2972.9	287.7	-25567.4	15969.1
	106	-55160.5	-1856.9	-2972.9	-287.7	0.0	0.0
62	6	40114.9	2084.9	2639.5	589.9	-22699.5	17930.3
	106	-32374.9	-2084.9	-2639.5	-589.9	0.0	0.0
63	6	40114.9	-2084.9	-2639.5	-589.9	22699.5	-17930.3
	106	-32374.9	2084.9	2639.5	589.9	0.0	0.0

64	6	40114.9	-1856.9	-2973.0	-287.7	25567.4	-15969.1
	106	-32374.9	1856.9	2973.0	287.7	0.0	0.0
65	6	40114.9	-563.8	-2056.6	-1090.8	17686.9	-4848.5
	106	-32374.9	563.8	2056.6	1090.8	0.0	0.0
66	6	40114.9	-335.7	-2390.1	-788.7	20554.8	-2887.3
	106	-32374.9	335.7	2390.1	788.7	0.0	0.0
67	6	40114.9	-163.6	-3399.5	485.7	29236.0	-1407.0
	106	-32374.9	163.6	3399.5	-485.7	0.0	0.0
68	6	40114.9	64.4	-3733.0	787.8	32103.9	554.2
	106	-32374.9	-64.4	3733.0	-787.8	0.0	0.0
69	6	40114.9	1357.5	-2816.7	-15.2	24223.4	11674.9
	106	-32374.9	-1357.5	2816.7	15.2	0.0	0.0
70	6	40114.9	1585.6	-3150.2	286.9	27091.3	13636.1
	106	-32374.9	-1585.6	3150.2	-286.9	0.0	0.0
71	6	62900.5	-3128.6	566.8	215.5	-4874.5	-26906.1
	106	-55160.5	3128.6	-566.8	-215.5	0.0	0.0
72	6	40114.9	-2552.2	338.8	538.2	-2913.6	-21949.1
	106	-32374.9	2552.2	-338.8	-538.2	0.0	0.0
73	6	40114.9	-3278.4	-1170.1	124.6	10062.7	-28194.4
	106	-32374.9	3278.4	1170.1	-124.6	0.0	0.0
74	6	40114.9	-2702.0	-1398.1	447.3	12023.7	-23237.4
	106	-32374.9	2702.0	1398.1	-447.3	0.0	0.0
75	6	40114.9	-2368.5	-544.8	1222.5	4685.0	-20368.8
	106	-32374.9	2368.5	544.8	-1222.5	0.0	0.0
76	6	40114.9	-1792.1	-772.8	1545.2	6645.9	-15411.8
	106	-32374.9	1792.1	772.8	-1545.2	0.0	0.0
77	6	40114.9	-2518.3	-2281.7	1131.7	19622.2	-21657.1
	106	-32374.9	2518.3	2281.7	-1131.7	0.0	0.0
78	6	40114.9	-1941.9	-2509.7	1454.3	21583.2	-16700.0
	106	-32374.9	1941.9	2509.7	-1454.3	0.0	0.0
79	6	40114.9	1941.9	2509.7	-1454.3	-21583.2	16700.0
	106	-32374.9	-1941.9	-2509.7	1454.3	0.0	0.0
80	6	40114.9	2518.3	2281.7	-1131.7	-19622.2	21657.1
	106	-32374.9	-2518.3	-2281.7	1131.7	0.0	0.0
81	6	40114.9	1792.1	772.8	-1545.2	-6645.9	15411.8
	106	-32374.9	-1792.1	-772.8	1545.2	0.0	0.0
82	6	40114.9	2368.5	544.8	-1222.5	-4685.0	20368.8
	106	-32374.9	-2368.5	-544.8	1222.5	0.0	0.0
83	6	40114.9	2702.0	1398.1	-447.3	-12023.7	23237.4
	106	-32374.9	-2702.0	-1398.1	447.3	0.0	0.0
84	6	40114.9	3278.4	1170.1	-124.6	-10062.7	28194.4
	106	-32374.9	-3278.4	-1170.1	124.6	0.0	0.0
85	6	40114.9	2552.2	-338.8	-538.2	2913.6	21949.1
	106	-32374.9	-2552.2	338.8	538.2	0.0	0.0
86	6	40114.9	3128.6	-566.8	-215.5	4874.5	26906.1
	106	-32374.9	-3128.6	566.8	215.5	0.0	0.0
1	7	38024.0	9.5	353.1	6.1	-3036.5	82.0
	107	-27962.0	-9.5	-353.1	-6.1	0.0	0.0
2	7	38024.0	-4.8	-176.5	-3.1	1518.0	-41.0
	107	-27962.0	4.8	176.5	3.1	0.0	0.0
3	7	38024.0	-703.3	-67.8	59.9	583.3	-6048.7
	107	-27962.0	703.3	67.8	-59.9	0.0	0.0
4	7	38024.0	766.6	118.3	-104.5	-1017.5	6592.5
	107	-27962.0	-766.6	-118.3	104.5	0.0	0.0
5	7	36280.5	15.9	588.5	10.2	-5060.8	136.7
	107	-26218.5	-15.9	-588.5	-10.2	0.0	0.0
6	7	36280.5	-7.9	-294.2	-5.1	2530.0	-68.3
	107	-26218.5	7.9	294.2	5.1	0.0	0.0
7	7	36280.5	-1172.2	-113.0	99.8	972.2	-10081.2
	107	-26218.5	1172.2	113.0	-99.8	0.0	0.0
8	7	36280.5	1277.6	197.2	-174.1	-1695.8	10987.4
	107	-26218.5	-1277.6	-197.2	174.1	0.0	0.0
9	7	26254.0	-2080.7	3818.1	-347.7	-32835.6	-17893.9
	107	-18514.0	2080.7	-3818.1	347.7	0.0	0.0

10	7	26254.0	-1912.4	3413.9	18.5	-29359.7	-16446.3
	107	-18514.0	1912.4	-3413.9	-18.5	0.0	0.0
11	7	26254.0	-195.6	4524.5	-954.9	-38911.1	-1682.3
	107	-18514.0	195.6	-4524.5	954.9	0.0	0.0
12	7	26254.0	-27.3	4120.4	-588.7	-35435.1	-234.7
	107	-18514.0	27.3	-4120.4	588.7	0.0	0.0
13	7	26254.0	780.9	2896.9	955.9	-24913.1	6716.1
	107	-18514.0	-780.9	-2896.9	-955.9	0.0	0.0
14	7	26254.0	949.3	2492.7	1322.1	-21437.2	8163.7
	107	-18514.0	-949.3	-2492.7	-1322.1	0.0	0.0
15	7	26254.0	2666.0	3603.3	348.8	-30988.6	22927.7
	107	-18514.0	-2666.0	-3603.3	-348.8	0.0	0.0
16	7	26254.0	2834.3	3199.1	714.9	-27512.6	24375.3
	107	-18514.0	-2834.3	-3199.1	-714.9	0.0	0.0
17	7	26254.0	-2834.3	-3199.1	-714.9	27512.6	-24375.3
	107	-18514.0	2834.3	3199.1	714.9	0.0	0.0
18	7	26254.0	-2666.0	-3603.3	-348.8	30988.6	-22927.7
	107	-18514.0	2666.0	3603.3	348.8	0.0	0.0
19	7	26254.0	-949.3	-2492.7	-1322.1	21437.2	-8163.7
	107	-18514.0	949.3	2492.7	1322.1	0.0	0.0
20	7	26254.0	-780.9	-2896.9	-955.9	24913.1	-6716.1
	107	-18514.0	780.9	2896.9	955.9	0.0	0.0
21	7	26254.0	27.3	-4120.4	588.7	35435.1	234.7
	107	-18514.0	-27.3	4120.4	-588.7	0.0	0.0
22	7	26254.0	195.6	-4524.5	954.9	38911.1	1682.3
	107	-18514.0	-195.6	4524.5	-954.9	0.0	0.0
23	7	26254.0	1912.4	-3413.9	-18.5	29359.7	16446.3
	107	-18514.0	-1912.4	3413.9	18.5	0.0	0.0
24	7	26254.0	2080.7	-3818.1	347.7	32835.6	17893.9
	107	-18514.0	-2080.7	3818.1	-347.7	0.0	0.0
25	7	26254.0	-3738.5	687.0	261.2	-5908.1	-32151.4
	107	-18514.0	3738.5	-687.0	-261.2	0.0	0.0
26	7	26254.0	-2880.0	410.6	652.3	-3531.4	-24768.4
	107	-18514.0	2880.0	-410.6	-652.3	0.0	0.0
27	7	26254.0	-3964.6	-1418.2	151.1	12196.4	-34095.8
	107	-18514.0	3964.6	1418.2	-151.1	0.0	0.0
28	7	37669.6	-3106.1	-1694.5	542.2	14573.1	-26712.8
	107	-29929.6	3106.1	1694.5	-542.2	0.0	0.0
29	7	26254.0	-3177.4	-660.3	1481.8	5678.4	-27326.1
	107	-18514.0	3177.4	660.3	-1481.8	0.0	0.0
30	7	26254.0	-2319.0	-936.6	1872.9	8055.1	-19943.1
	107	-18514.0	2319.0	936.6	-1872.9	0.0	0.0
31	7	26254.0	-3403.5	-2765.4	1371.6	23782.8	-29270.5
	107	-18514.0	3403.5	2765.4	-1371.6	0.0	0.0
32	7	26254.0	-2545.1	-3041.8	1762.7	26159.6	-21887.5
	107	-18514.0	2545.1	3041.8	-1762.7	0.0	0.0
33	7	26254.0	2545.1	3041.8	-1762.7	-26159.6	21887.5
	107	-18514.0	-2545.1	-3041.8	1762.7	0.0	0.0
34	7	26254.0	3403.5	2765.4	-1371.6	-23782.8	29270.5
	107	-18514.0	-3403.5	-2765.4	1371.6	0.0	0.0
35	7	26254.0	2319.0	936.6	-1872.9	-8055.1	19943.1
	107	-18514.0	-2319.0	-936.6	1872.9	0.0	0.0
36	7	26254.0	3177.4	660.3	-1481.8	-5678.3	27326.1
	107	-18514.0	-3177.4	-660.3	1481.8	0.0	0.0
37	7	26254.0	3106.1	1694.5	-542.2	-14573.1	26712.8
	107	-18514.0	-3106.1	-1694.5	542.2	0.0	0.0
38	7	26254.0	3964.6	1418.2	-151.1	-12196.4	34095.8
	107	-18514.0	-3964.6	-1418.2	151.1	0.0	0.0
39	7	26254.0	2880.0	-410.6	-652.3	3531.4	24768.4
	107	-18514.0	-2880.0	410.6	652.3	0.0	0.0
40	7	26254.0	3738.5	-687.0	-261.2	5908.1	32151.4
	107	-18514.0	-3738.5	687.0	261.2	0.0	0.0
41	7	28578.6	6.4	235.4	4.1	-2024.3	54.7
	107	-20838.6	-6.4	-235.4	-4.1	0.0	0.0
42	7	28578.6	-3.2	-117.7	-2.0	1012.0	-27.3

	107	-20838.6	3.2	117.7	2.0	0.0	0.0
43	7	28578.6	-468.9	-45.2	39.9	388.9	-4032.5
	107	-20838.6	468.9	45.2	-39.9	0.0	0.0
44	7	28578.6	511.0	78.9	-69.6	-678.3	4395.0
	107	-20838.6	-511.0	-78.9	69.6	0.0	0.0
45	7	27416.3	10.6	392.3	6.8	-3373.8	91.1
	107	-19676.3	-10.6	-392.3	-6.8	0.0	0.0
46	7	27416.3	-5.3	-196.1	-3.4	1686.6	-45.6
	107	-19676.3	5.3	196.1	3.4	0.0	0.0
47	7	27416.3	-781.5	-75.4	66.5	648.1	-6720.8
	107	-19676.3	781.5	75.4	-66.5	0.0	0.0
48	7	27416.3	851.7	131.5	-116.1	-1130.5	7324.9
	107	-19676.3	-851.7	-131.5	116.1	0.0	0.0
49	7	26718.9	0.0	0.0	0.0	0.0	0.0
	107	-18978.9	0.0	0.0	0.0	0.0	0.0
50	7	26254.0	2.1	78.5	1.4	-674.8	18.2
	107	-18514.0	-2.1	-78.5	-1.4	0.0	0.0
51	7	26254.0	-1.1	-39.2	-0.7	337.3	-9.1
	107	-18514.0	1.1	39.2	0.7	0.0	0.0
52	7	26254.0	-156.3	-15.1	13.3	129.6	-1344.2
	107	-18514.0	156.3	15.1	-13.3	0.0	0.0
53	7	26254.0	170.3	26.3	-23.2	-226.1	1465.0
	107	-18514.0	-170.3	-26.3	23.2	0.0	0.0
54	7	26254.0	0.0	0.0	0.0	0.0	0.0
	107	-18514.0	0.0	0.0	0.0	0.0	0.0
55	7	26254.0	-1716.7	3150.2	-286.9	-27091.3	-14763.5
	107	-18514.0	1716.7	-3150.2	286.9	0.0	0.0
56	7	26254.0	-1577.8	2816.7	15.2	-24223.4	-13569.2
	107	-18514.0	1577.8	-2816.7	-15.2	0.0	0.0
57	7	26254.0	-161.4	3733.0	-787.8	-32103.9	-1388.0
	107	-18514.0	161.4	-3733.0	787.8	0.0	0.0
58	7	26254.0	-22.5	3399.5	-485.7	-29236.0	-193.6
	107	-18514.0	22.5	-3399.5	485.7	0.0	0.0
59	7	26254.0	644.3	2390.1	788.7	-20554.8	5541.1
	107	-18514.0	-644.3	-2390.1	-788.7	0.0	0.0
60	7	26254.0	783.2	2056.6	1090.8	-17686.9	6735.5
	107	-18514.0	-783.2	-2056.6	-1090.8	0.0	0.0
61	7	37669.6	2199.6	2972.9	287.7	-25567.4	18916.7
	107	-29929.6	-2199.6	-2972.9	-287.7	0.0	0.0
62	7	26254.0	2338.5	2639.5	589.9	-22699.5	20111.0
	107	-18514.0	-2338.5	-2639.5	-589.9	0.0	0.0
63	7	26254.0	-2338.5	-2639.5	-589.9	22699.5	-20111.0
	107	-18514.0	2338.5	2639.5	589.9	0.0	0.0
64	7	26254.0	-2199.6	-2973.0	-287.7	25567.4	-18916.7
	107	-18514.0	2199.6	2973.0	287.7	0.0	0.0
65	7	26254.0	-783.2	-2056.6	-1090.8	17686.9	-6735.5
	107	-18514.0	783.2	2056.6	1090.8	0.0	0.0
66	7	26254.0	-644.3	-2390.1	-788.7	20554.8	-5541.1
	107	-18514.0	644.3	2390.1	788.7	0.0	0.0
67	7	26254.0	22.5	-3399.5	485.7	29236.0	193.6
	107	-18514.0	-22.5	3399.5	-485.7	0.0	0.0
68	7	26254.0	161.4	-3733.0	787.8	32103.9	1388.0
	107	-18514.0	-161.4	3733.0	-787.8	0.0	0.0
69	7	26254.0	1577.8	-2816.7	-15.2	24223.4	13569.2
	107	-18514.0	-1577.8	2816.7	15.2	0.0	0.0
70	7	26254.0	1716.7	-3150.2	286.9	27091.3	14763.5
	107	-18514.0	-1716.7	3150.2	-286.9	0.0	0.0
71	7	37669.6	-3084.5	566.8	215.5	-4874.5	-26526.7
	107	-29929.6	3084.5	-566.8	-215.5	0.0	0.0
72	7	26254.0	-2376.2	338.8	538.2	-2913.6	-20435.3
	107	-18514.0	2376.2	-338.8	-538.2	0.0	0.0
73	7	26254.0	-3271.0	-1170.1	124.6	10062.7	-28131.0
	107	-18514.0	3271.0	1170.1	-124.6	0.0	0.0
74	7	26254.0	-2562.7	-1398.1	447.3	12023.7	-22039.6
	107	-18514.0	2562.7	1398.1	-447.3	0.0	0.0

75	7	26254.0	-2621.6	-544.8	1222.5	4685.0	-22545.6
	107	-18514.0	2621.6	544.8	-1222.5	0.0	0.0
76	7	26254.0	-1913.3	-772.8	1545.2	6645.9	-16454.2
	107	-18514.0	1913.3	772.8	-1545.2	0.0	0.0
77	7	26254.0	-2808.1	-2281.7	1131.7	19622.2	-24149.8
	107	-18514.0	2808.1	2281.7	-1131.7	0.0	0.0
78	7	26254.0	-2099.8	-2509.7	1454.3	21583.2	-18058.4
	107	-18514.0	2099.8	2509.7	-1454.3	0.0	0.0
79	7	26254.0	2099.8	2509.7	-1454.3	-21583.2	18058.4
	107	-18514.0	-2099.8	-2509.7	1454.3	0.0	0.0
80	7	26254.0	2808.1	2281.7	-1131.7	-19622.2	24149.8
	107	-18514.0	-2808.1	-2281.7	1131.7	0.0	0.0
81	7	26254.0	1913.3	772.8	-1545.2	-6645.9	16454.2
	107	-18514.0	-1913.3	-772.8	1545.2	0.0	0.0
82	7	26254.0	2621.6	544.8	-1222.5	-4685.0	22545.6
	107	-18514.0	-2621.6	-544.8	1222.5	0.0	0.0
83	7	26254.0	2562.7	1398.1	-447.3	-12023.7	22039.6
	107	-18514.0	-2562.7	-1398.1	447.3	0.0	0.0
84	7	26254.0	3271.0	1170.1	-124.6	-10062.7	28131.0
	107	-18514.0	-3271.0	-1170.1	124.6	0.0	0.0
85	7	26254.0	2376.2	-338.8	-538.2	2913.6	20435.3
	107	-18514.0	-2376.2	338.8	538.2	0.0	0.0
86	7	26254.0	3084.5	-566.8	-215.5	4874.5	26526.7
	107	-18514.0	-3084.5	566.8	215.5	0.0	0.0
1	8	42292.1	-11.6	357.8	6.1	-3077.4	-99.4
	108	-32230.1	11.6	-357.8	-6.1	0.0	0.0
2	8	42292.1	5.8	-178.9	-3.1	1538.5	49.7
	108	-32230.1	-5.8	178.9	3.1	0.0	0.0
3	8	42292.1	-910.1	-21.1	59.9	181.5	-7826.7
	108	-32230.1	910.1	21.1	-59.9	0.0	0.0
4	8	42292.1	1127.2	36.8	-104.5	-316.7	9693.8
	108	-32230.1	-1127.2	-36.8	104.5	0.0	0.0
5	8	39476.3	-19.3	596.4	10.2	-5129.1	-165.6
	108	-29414.3	19.3	-596.4	-10.2	0.0	0.0
6	8	39476.3	9.6	-298.2	-5.1	2564.1	82.8
	108	-29414.3	-9.6	298.2	5.1	0.0	0.0
7	8	39476.3	-1516.8	-35.2	99.8	302.6	-13044.4
	108	-29414.3	1516.8	35.2	-99.8	0.0	0.0
8	8	39476.3	1878.6	61.4	-174.1	-527.8	16156.3
	108	-29414.3	-1878.6	-61.4	174.1	0.0	0.0
9	8	27695.0	-232.5	3697.8	-347.7	-31801.2	-1999.9
	108	-19955.0	232.5	-3697.8	347.7	0.0	0.0
10	8	27695.0	-495.4	3567.5	18.5	-30680.8	-4260.3
	108	-19955.0	495.4	-3567.5	-18.5	0.0	0.0
11	8	27695.0	2572.6	3952.2	-954.9	-33989.3	22124.2
	108	-19955.0	-2572.6	-3952.2	954.9	0.0	0.0
12	8	27695.0	2309.8	3822.0	-588.7	-32869.0	19863.9
	108	-19955.0	-2309.8	-3822.0	588.7	0.0	0.0
13	8	27695.0	-3143.8	3204.7	955.9	-27560.1	-27036.4
	108	-19955.0	3143.8	-3204.7	-955.9	0.0	0.0
14	8	27695.0	-3406.6	3074.4	1322.1	-26439.7	-29296.7
	108	-19955.0	3406.6	-3074.4	-1322.1	0.0	0.0
15	8	27695.0	-338.6	3459.1	348.8	-29748.2	-2912.3
	108	-19955.0	338.6	-3459.1	-348.8	0.0	0.0
16	8	27695.0	-601.5	3328.8	714.9	-28627.8	-5172.6
	108	-19955.0	601.5	-3328.8	-714.9	0.0	0.0
17	8	27695.0	601.5	-3328.8	-714.9	28627.8	5172.6
	108	-19955.0	-601.5	3328.8	714.9	0.0	0.0
18	8	27695.0	338.6	-3459.1	-348.8	29748.2	2912.2
	108	-19955.0	-338.6	3459.1	348.8	0.0	0.0
19	8	27695.0	3406.6	-3074.4	-1322.1	26439.7	29296.7
	108	-19955.0	-3406.6	3074.4	1322.1	0.0	0.0
20	8	27695.0	3143.8	-3204.7	-955.9	27560.1	27036.4
	108	-19955.0	-3143.8	3204.7	955.9	0.0	0.0

21	8	27695.0	-2309.8	-3822.0	588.7	32869.0	-19863.9
	108	-19955.0	2309.8	3822.0	-588.7	0.0	0.0
22	8	27695.0	-2572.6	-3952.2	954.9	33989.3	-22124.2
	108	-19955.0	2572.6	3952.2	-954.9	0.0	0.0
23	8	27695.0	495.4	-3567.5	-18.5	30680.8	4260.3
	108	-19955.0	-495.4	3567.5	18.5	0.0	0.0
24	8	27695.0	232.5	-3697.8	347.7	31801.2	1999.9
	108	-19955.0	-232.5	3697.8	-347.7	0.0	0.0
25	8	27695.0	-3925.6	921.0	261.2	-7921.0	-33760.0
	108	-19955.0	3925.6	-921.0	-261.2	0.0	0.0
26	8	27695.0	-4799.0	773.1	652.3	-6648.6	-41271.0
	108	-19955.0	4799.0	-773.1	-652.3	0.0	0.0
27	8	27695.0	-3675.4	-1186.9	151.1	10207.7	-31608.3
	108	-19955.0	3675.4	1186.9	-151.1	0.0	0.0
28	8	58612.7	-4548.7	-1334.9	542.2	11480.1	-39119.2
	108	-50872.7	4548.7	1334.9	-542.2	0.0	0.0
29	8	27695.0	-4801.7	486.8	1481.8	-4186.4	-41294.6
	108	-19955.0	4801.7	-486.8	-1481.8	0.0	0.0
30	8	27695.0	-5675.1	338.8	1872.9	-2914.0	-48805.5
	108	-19955.0	5675.1	-338.8	-1872.9	0.0	0.0
31	8	27695.0	-4551.5	-1621.2	1371.6	13942.4	-39142.8
	108	-19955.0	4551.5	1621.2	-1371.6	0.0	0.0
32	8	27695.0	-5424.9	-1769.2	1762.7	15214.7	-46653.7
	108	-19955.0	5424.9	1769.2	-1762.7	0.0	0.0
33	8	27695.0	5424.9	1769.1	-1762.7	-15214.7	46653.7
	108	-19955.0	-5424.9	-1769.1	1762.7	0.0	0.0
34	8	27695.0	4551.5	1621.2	-1371.6	-13942.3	39142.8
	108	-19955.0	-4551.5	-1621.2	1371.6	0.0	0.0
35	8	27695.0	5675.1	-338.8	-1872.9	2914.0	48805.5
	108	-19955.0	-5675.1	338.8	1872.9	0.0	0.0
36	8	27695.0	4801.7	-486.8	-1481.8	4186.4	41294.5
	108	-19955.0	-4801.7	486.8	1481.8	0.0	0.0
37	8	27695.0	4548.7	1334.9	-542.2	-11480.1	39119.2
	108	-19955.0	-4548.7	-1334.9	542.2	0.0	0.0
38	8	27695.0	3675.4	1186.9	-151.1	-10207.7	31608.3
	108	-19955.0	-3675.4	-1186.9	151.1	0.0	0.0
39	8	27695.0	4799.0	-773.1	-652.3	6648.6	41271.0
	108	-19955.0	-4799.0	773.1	652.3	0.0	0.0
40	8	27695.0	3925.6	-921.0	-261.2	7921.0	33760.0
	108	-19955.0	-3925.6	921.0	261.2	0.0	0.0
41	8	31449.4	-7.7	238.6	4.1	-2051.6	-66.3
	108	-23709.4	7.7	-238.6	-4.1	0.0	0.0
42	8	31449.4	3.9	-119.3	-2.0	1025.6	33.1
	108	-23709.4	-3.9	119.3	2.0	0.0	0.0
43	8	31449.4	-606.7	-14.1	39.9	121.0	-5217.8
	108	-23709.4	606.7	14.1	-39.9	0.0	0.0
44	8	31449.4	751.5	24.5	-69.6	-211.1	6462.5
	108	-23709.4	-751.5	-24.5	69.6	0.0	0.0
45	8	29572.2	-12.8	397.6	6.8	-3419.4	-110.4
	108	-21832.2	12.8	-397.6	-6.8	0.0	0.0
46	8	29572.2	6.4	-198.8	-3.4	1709.4	55.2
	108	-21832.2	-6.4	198.8	3.4	0.0	0.0
47	8	29572.2	-1011.2	-23.5	66.5	201.7	-8696.3
	108	-21832.2	1011.2	23.5	-66.5	0.0	0.0
48	8	29572.2	1252.4	40.9	-116.1	-351.8	10770.9
	108	-21832.2	-1252.4	-40.9	116.1	0.0	0.0
49	8	28445.9	0.0	0.0	0.0	0.0	0.0
	108	-20705.9	0.0	0.0	0.0	0.0	0.0
50	8	27695.0	-2.6	79.5	1.4	-683.9	-22.1
	108	-19955.0	2.6	-79.5	-1.4	0.0	0.0
51	8	27695.0	1.3	-39.8	-0.7	341.9	11.0
	108	-19955.0	-1.3	39.8	0.7	0.0	0.0
52	8	27695.0	-202.2	-4.7	13.3	40.3	-1739.3
	108	-19955.0	202.2	4.7	-13.3	0.0	0.0
53	8	27695.0	250.5	8.2	-23.2	-70.4	2154.2

	108	-19955.0	-250.5	-8.2	23.2	0.0	0.0
54	8	27695.0	0.0	0.0	0.0	0.0	0.0
	108	-19955.0	0.0	0.0	0.0	0.0	0.0
55	8	27695.0	-191.9	3050.9	-286.9	-26237.9	-1650.0
	108	-19955.0	191.9	-3050.9	286.9	0.0	0.0
56	8	27695.0	-408.7	2943.4	15.2	-25313.5	-3515.0
	108	-19955.0	408.7	-2943.4	-15.2	0.0	0.0
57	8	27695.0	2122.5	3260.8	-787.8	-28043.2	18253.8
	108	-19955.0	-2122.5	-3260.8	787.8	0.0	0.0
58	8	27695.0	1905.7	3153.3	-485.7	-27118.8	16388.8
	108	-19955.0	-1905.7	-3153.3	485.7	0.0	0.0
59	8	27695.0	-2593.8	2644.0	788.7	-22738.6	-22306.6
	108	-19955.0	2593.8	-2644.0	-788.7	0.0	0.0
60	8	27695.0	-2810.6	2536.5	1090.8	-21814.3	-24171.5
	108	-19955.0	2810.6	-2536.5	-1090.8	0.0	0.0
61	8	58612.7	-279.4	2853.9	287.7	-24544.0	-2402.8
	108	-50872.7	279.4	-2853.9	-287.7	0.0	0.0
62	8	27695.0	-496.2	2746.5	589.9	-23619.6	-4267.7
	108	-19955.0	496.2	-2746.5	-589.9	0.0	0.0
63	8	27695.0	496.2	-2746.5	-589.9	23619.6	4267.7
	108	-19955.0	-496.2	2746.5	589.9	0.0	0.0
64	8	27695.0	279.4	-2854.0	-287.7	24544.0	2402.8
	108	-19955.0	-279.4	2854.0	287.7	0.0	0.0
65	8	27695.0	2810.6	-2536.5	-1090.8	21814.3	24171.5
	108	-19955.0	-2810.6	2536.5	1090.8	0.0	0.0
66	8	27695.0	2593.8	-2644.0	-788.7	22738.7	22306.6
	108	-19955.0	-2593.8	2644.0	788.7	0.0	0.0
67	8	27695.0	-1905.7	-3153.3	485.7	27118.8	-16388.8
	108	-19955.0	1905.7	3153.3	-485.7	0.0	0.0
68	8	27695.0	-2122.5	-3260.8	787.8	28043.2	-18253.8
	108	-19955.0	2122.5	3260.8	-787.8	0.0	0.0
69	8	27695.0	408.7	-2943.4	-15.2	25313.5	3515.0
	108	-19955.0	-408.7	2943.4	15.2	0.0	0.0
70	8	27695.0	191.9	-3050.9	286.9	26237.9	1650.0
	108	-19955.0	-191.9	3050.9	-286.9	0.0	0.0
71	8	58612.7	-3238.8	759.9	215.5	-6535.3	-27854.0
	108	-50872.7	3238.8	-759.9	-215.5	0.0	0.0
72	8	27695.0	-3959.4	637.8	538.2	-5485.5	-34050.9
	108	-19955.0	3959.4	-637.8	-538.2	0.0	0.0
73	8	27695.0	-3032.4	-979.3	124.6	8422.0	-26078.7
	108	-19955.0	3032.4	979.3	-124.6	0.0	0.0
74	8	27695.0	-3753.0	-1101.4	447.3	9471.7	-32275.6
	108	-19955.0	3753.0	1101.4	-447.3	0.0	0.0
75	8	27695.0	-3961.7	401.6	1222.5	-3454.0	-34070.4
	108	-19955.0	3961.7	-401.6	-1222.5	0.0	0.0
76	8	27695.0	-4682.2	279.6	1545.2	-2404.2	-40267.3
	108	-19955.0	4682.2	-279.6	-1545.2	0.0	0.0
77	8	27695.0	-3755.2	-1337.6	1131.7	11503.2	-32295.1
	108	-19955.0	3755.2	1337.6	-1131.7	0.0	0.0
78	8	27695.0	-4475.8	-1459.7	1454.3	12553.0	-38492.0
	108	-19955.0	4475.8	1459.7	-1454.3	0.0	0.0
79	8	27695.0	4475.8	1459.7	-1454.3	-12553.0	38492.0
	108	-19955.0	-4475.8	-1459.7	1454.3	0.0	0.0
80	8	27695.0	3755.2	1337.6	-1131.7	-11503.2	32295.1
	108	-19955.0	-3755.2	-1337.6	1131.7	0.0	0.0
81	8	27695.0	4682.2	-279.6	-1545.2	2404.2	40267.3
	108	-19955.0	-4682.2	279.6	1545.2	0.0	0.0
82	8	27695.0	3961.7	-401.6	-1222.5	3454.0	34070.4
	108	-19955.0	-3961.7	401.6	1222.5	0.0	0.0
83	8	27695.0	3753.0	1101.4	-447.3	-9471.7	32275.6
	108	-19955.0	-3753.0	-1101.4	447.3	0.0	0.0
84	8	27695.0	3032.4	979.3	-124.6	-8422.0	26078.7
	108	-19955.0	-3032.4	-979.3	124.6	0.0	0.0
85	8	27695.0	3959.4	-637.8	-538.2	5485.5	34050.9
	108	-19955.0	-3959.4	637.8	538.2	0.0	0.0

86	8	27695.0	3238.8	-759.9	-215.5	6535.3	27854.0
	108	-19955.0	-3238.8	759.9	215.5	0.0	0.0
1	9	106060.5	-8.0	357.8	6.1	-3077.4	-69.2
	109	-95998.5	8.0	-357.8	-6.1	0.0	0.0
2	9	106060.5	4.0	-178.9	-3.1	1538.5	34.6
	109	-95998.5	-4.0	178.9	3.1	0.0	0.0
3	9	106060.5	-875.6	-21.1	59.9	181.5	-7530.3
	109	-95998.5	875.6	21.1	-59.9	0.0	0.0
4	9	106060.5	1067.1	36.8	-104.5	-316.7	9176.9
	109	-95998.5	-1067.1	-36.8	104.5	0.0	0.0
5	9	95497.4	-13.4	596.4	10.2	-5129.1	-115.3
	109	-85435.4	13.4	-596.4	-10.2	0.0	0.0
6	9	95497.4	6.7	-298.2	-5.1	2564.1	57.6
	109	-85435.4	-6.7	298.2	5.1	0.0	0.0
7	9	95497.4	-1459.4	-35.2	99.8	302.6	-12550.6
	109	-85435.4	1459.4	35.2	-99.8	0.0	0.0
8	9	95497.4	1778.5	61.4	-174.1	-527.8	15294.8
	109	-85435.4	-1778.5	-61.4	174.1	0.0	0.0
9	9	63438.1	-374.8	3697.8	-347.7	-31801.2	-3223.2
	109	-55698.1	374.8	-3697.8	347.7	0.0	0.0
10	9	63438.1	-451.4	3567.5	18.5	-30680.8	-3882.2
	109	-55698.1	451.4	-3567.5	-18.5	0.0	0.0
11	9	63438.1	2149.8	3952.2	-954.9	-33989.3	18488.5
	109	-55698.1	-2149.8	-3952.2	954.9	0.0	0.0
12	9	63438.1	2073.2	3822.0	-588.7	-32869.0	17829.5
	109	-55698.1	-2073.2	-3822.0	588.7	0.0	0.0
13	9	63438.1	-2744.3	3204.7	955.9	-27560.1	-23601.2
	109	-55698.1	2744.3	-3204.7	-955.9	0.0	0.0
14	9	63438.1	-2821.0	3074.4	1322.1	-26439.7	-24260.2
	109	-55698.1	2821.0	-3074.4	-1322.1	0.0	0.0
15	9	63438.1	-219.7	3459.1	348.8	-29748.2	-1889.5
	109	-55698.1	219.7	-3459.1	-348.8	0.0	0.0
16	9	63438.1	-296.3	3328.8	714.9	-28627.8	-2548.5
	109	-55698.1	296.3	-3328.8	-714.9	0.0	0.0
17	9	63438.1	296.3	-3328.8	-714.9	28627.8	2548.5
	109	-55698.1	-296.3	3328.8	714.9	0.0	0.0
18	9	63438.1	219.7	-3459.1	-348.8	29748.2	1889.5
	109	-55698.1	-219.7	3459.1	348.8	0.0	0.0
19	9	63438.1	2821.0	-3074.4	-1322.1	26439.7	24260.2
	109	-55698.1	-2821.0	3074.4	1322.1	0.0	0.0
20	9	63438.1	2744.3	-3204.7	-955.9	27560.1	23601.2
	109	-55698.1	-2744.3	3204.7	955.9	0.0	0.0
21	9	63438.1	-2073.2	-3822.0	588.7	32869.0	-17829.5
	109	-55698.1	2073.2	3822.0	-588.7	0.0	0.0
22	9	63438.1	-2149.8	-3952.2	954.9	33989.3	-18488.5
	109	-55698.1	2149.8	3952.2	-954.9	0.0	0.0
23	9	63438.1	451.4	-3567.5	-18.5	30680.8	3882.2
	109	-55698.1	-451.4	3567.5	18.5	0.0	0.0
24	9	63438.1	374.8	-3697.8	347.7	31801.2	3223.2
	109	-55698.1	-374.8	3697.8	-347.7	0.0	0.0
25	9	63438.1	-3825.2	921.0	261.2	-7921.0	-32896.9
	109	-55698.1	3825.2	-921.0	-261.2	0.0	0.0
26	9	63438.1	-4536.1	773.1	652.3	-6648.6	-39010.3
	109	-55698.1	4536.1	-773.1	-652.3	0.0	0.0
27	9	63438.1	-3623.9	-1186.9	151.1	10207.7	-31165.4
	109	-55698.1	3623.9	1186.9	-151.1	0.0	0.0
28	9	63384.8	-4334.7	-1334.9	542.2	11480.1	-37278.8
	109	-55644.8	4334.7	1334.9	-542.2	0.0	0.0
29	9	63438.1	-4080.6	486.8	1481.8	-4186.4	-35093.6
	109	-55698.1	4080.6	-486.8	-1481.8	0.0	0.0
30	9	63438.1	-4791.5	338.8	1872.9	-2914.0	-41207.0
	109	-55698.1	4791.5	-338.8	-1872.9	0.0	0.0
31	9	63438.1	-3879.3	-1621.2	1371.6	13942.4	-33362.1
	109	-55698.1	3879.3	1621.2	-1371.6	0.0	0.0

32	9	63438.1	-4590.2	-1769.2	1762.7	15214.7	-39475.5
	109	-55698.1	4590.2	1769.2	-1762.7	0.0	0.0
33	9	63438.1	4590.2	1769.1	-1762.7	-15214.7	39475.5
	109	-55698.1	-4590.2	-1769.1	1762.7	0.0	0.0
34	9	63438.1	3879.3	1621.2	-1371.6	-13942.3	33362.1
	109	-55698.1	-3879.3	-1621.2	1371.6	0.0	0.0
35	9	63438.1	4791.5	-338.8	-1872.9	2914.0	41207.0
	109	-55698.1	-4791.5	338.8	1872.9	0.0	0.0
36	9	63438.1	4080.6	-486.8	-1481.8	4186.4	35093.6
	109	-55698.1	-4080.6	486.8	1481.8	0.0	0.0
37	9	63438.1	4334.7	1334.9	-542.2	-11480.1	37278.8
	109	-55698.1	-4334.7	-1334.9	542.2	0.0	0.0
38	9	63438.1	3623.9	1186.9	-151.1	-10207.7	31165.4
	109	-55698.1	-3623.9	-1186.9	151.1	0.0	0.0
39	9	63438.1	4536.1	-773.1	-652.3	6648.6	39010.3
	109	-55698.1	-4536.1	773.1	652.3	0.0	0.0
40	9	63438.1	3825.2	-921.0	-261.2	7921.0	32896.9
	109	-55698.1	-3825.2	921.0	261.2	0.0	0.0
41	9	77522.3	-5.4	238.6	4.1	-2051.6	-46.1
	109	-69782.3	5.4	-238.6	-4.1	0.0	0.0
42	9	77522.3	2.7	-119.3	-2.0	1025.6	23.0
	109	-69782.3	-2.7	119.3	2.0	0.0	0.0
43	9	77522.3	-583.7	-14.1	39.9	121.0	-5020.2
	109	-69782.3	583.7	14.1	-39.9	0.0	0.0
44	9	77522.3	711.4	24.5	-69.6	-211.1	6117.9
	109	-69782.3	-711.4	-24.5	69.6	0.0	0.0
45	9	70480.2	-8.9	397.6	6.8	-3419.4	-76.8
	109	-62740.2	8.9	-397.6	-6.8	0.0	0.0
46	9	70480.2	4.5	-198.8	-3.4	1709.4	38.4
	109	-62740.2	-4.5	198.8	3.4	0.0	0.0
47	9	70480.2	-972.9	-23.5	66.5	201.7	-8367.0
	109	-62740.2	972.9	23.5	-66.5	0.0	0.0
48	9	70480.2	1185.6	40.9	-116.1	-351.8	10196.5
	109	-62740.2	-1185.6	-40.9	116.1	0.0	0.0
49	9	66255.0	0.0	0.0	0.0	0.0	0.0
	109	-58515.0	0.0	0.0	0.0	0.0	0.0
50	9	63438.1	-1.8	79.5	1.4	-683.9	-15.4
	109	-55698.1	1.8	-79.5	-1.4	0.0	0.0
51	9	63438.1	0.9	-39.8	-0.7	341.9	7.7
	109	-55698.1	-0.9	39.8	0.7	0.0	0.0
52	9	63438.1	-194.6	-4.7	13.3	40.3	-1673.4
	109	-55698.1	194.6	4.7	-13.3	0.0	0.0
53	9	63438.1	237.1	8.2	-23.2	-70.4	2039.3
	109	-55698.1	-237.1	-8.2	23.2	0.0	0.0
54	9	63438.1	0.0	0.0	0.0	0.0	0.0
	109	-55698.1	0.0	0.0	0.0	0.0	0.0
55	9	63438.1	-309.2	3050.9	-286.9	-26237.9	-2659.3
	109	-55698.1	309.2	-3050.9	286.9	0.0	0.0
56	9	63438.1	-372.4	2943.4	15.2	-25313.5	-3203.0
	109	-55698.1	372.4	-2943.4	-15.2	0.0	0.0
57	9	63438.1	1773.7	3260.8	-787.8	-28043.2	15254.1
	109	-55698.1	-1773.7	-3260.8	787.8	0.0	0.0
58	9	63438.1	1710.5	3153.3	-485.7	-27118.8	14710.4
	109	-55698.1	-1710.5	-3153.3	485.7	0.0	0.0
59	9	63438.1	-2264.2	2644.0	788.7	-22738.6	-19472.3
	109	-55698.1	2264.2	-2644.0	-788.7	0.0	0.0
60	9	63438.1	-2327.4	2536.5	1090.8	-21814.3	-20016.1
	109	-55698.1	2327.4	-2536.5	-1090.8	0.0	0.0
61	9	63384.8	-181.3	2853.9	287.7	-24544.0	-1558.9
	109	-55644.8	181.3	-2853.9	-287.7	0.0	0.0
62	9	63438.1	-244.5	2746.5	589.9	-23619.6	-2102.6
	109	-55698.1	244.5	-2746.5	-589.9	0.0	0.0
63	9	63438.1	244.5	-2746.5	-589.9	23619.6	2102.6
	109	-55698.1	-244.5	2746.5	589.9	0.0	0.0
64	9	63438.1	181.3	-2854.0	-287.7	24544.0	1558.9

	109	-55698.1	-181.3	2854.0	287.7	0.0	0.0
65	9	63438.1	2327.4	-2536.5	-1090.8	21814.3	20016.0
	109	-55698.1	-2327.4	2536.5	1090.8	0.0	0.0
66	9	63438.1	2264.2	-2644.0	-788.7	22738.7	19472.3
	109	-55698.1	-2264.2	2644.0	788.7	0.0	0.0
67	9	63438.1	-1710.5	-3153.3	485.7	27118.8	-14710.4
	109	-55698.1	1710.5	3153.3	-485.7	0.0	0.0
68	9	63438.1	-1773.7	-3260.8	787.8	28043.2	-15254.1
	109	-55698.1	1773.7	3260.8	-787.8	0.0	0.0
69	9	63438.1	372.4	-2943.4	-15.2	25313.5	3203.0
	109	-55698.1	-372.4	2943.4	15.2	0.0	0.0
70	9	63438.1	309.2	-3050.9	286.9	26237.9	2659.3
	109	-55698.1	-309.2	3050.9	-286.9	0.0	0.0
71	9	63384.8	-3156.0	759.9	215.5	-6535.3	-27141.8
	109	-55644.8	3156.0	-759.9	-215.5	0.0	0.0
72	9	63438.1	-3742.5	637.8	538.2	-5485.5	-32185.7
	109	-55698.1	3742.5	-637.8	-538.2	0.0	0.0
73	9	63438.1	-2989.9	-979.3	124.6	8422.0	-25713.3
	109	-55698.1	2989.9	979.3	-124.6	0.0	0.0
74	9	63438.1	-3576.4	-1101.4	447.3	9471.7	-30757.2
	109	-55698.1	3576.4	1101.4	-447.3	0.0	0.0
75	9	63438.1	-3366.8	401.6	1222.5	-3454.0	-28954.2
	109	-55698.1	3366.8	-401.6	-1222.5	0.0	0.0
76	9	63438.1	-3953.3	279.6	1545.2	-2404.2	-33998.1
	109	-55698.1	3953.3	-279.6	-1545.2	0.0	0.0
77	9	63438.1	-3200.7	-1337.6	1131.7	11503.2	-27525.6
	109	-55698.1	3200.7	1337.6	-1131.7	0.0	0.0
78	9	63438.1	-3787.2	-1459.7	1454.3	12553.0	-32569.6
	109	-55698.1	3787.2	1459.7	-1454.3	0.0	0.0
79	9	63438.1	3787.2	1459.7	-1454.3	-12553.0	32569.6
	109	-55698.1	-3787.2	-1459.7	1454.3	0.0	0.0
80	9	63438.1	3200.7	1337.6	-1131.7	-11503.2	27525.6
	109	-55698.1	-3200.7	-1337.6	1131.7	0.0	0.0
81	9	63438.1	3953.3	-279.6	-1545.2	2404.2	33998.1
	109	-55698.1	-3953.3	279.6	1545.2	0.0	0.0
82	9	63438.1	3366.8	-401.6	-1222.5	3454.0	28954.2
	109	-55698.1	-3366.8	401.6	1222.5	0.0	0.0
83	9	63438.1	3576.4	1101.4	-447.3	-9471.7	30757.2
	109	-55698.1	-3576.4	-1101.4	447.3	0.0	0.0
84	9	63438.1	2989.9	979.3	-124.6	-8422.0	25713.3
	109	-55698.1	-2989.9	-979.3	124.6	0.0	0.0
85	9	63438.1	3742.5	-637.8	-538.2	5485.5	32185.7
	109	-55698.1	-3742.5	637.8	538.2	0.0	0.0
86	9	63438.1	3156.0	-759.9	-215.5	6535.3	27141.8
	109	-55698.1	-3156.0	759.9	215.5	0.0	0.0
1	10	116308.6	-4.5	357.8	6.1	-3077.4	-38.9
	110	-106246.6	4.5	-357.8	-6.1	0.0	0.0
2	10	116308.6	2.3	-178.9	-3.1	1538.5	19.5
	110	-106246.6	-2.3	178.9	3.1	0.0	0.0
3	10	116308.6	-841.2	-21.1	59.9	181.5	-7234.0
	110	-106246.6	841.2	21.1	-59.9	0.0	0.0
4	10	116308.6	1007.0	36.8	-104.5	-316.7	8660.0
	110	-106246.6	-1007.0	-36.8	104.5	0.0	0.0
5	10	104130.6	-7.5	596.4	10.2	-5129.1	-64.9
	110	-94068.6	7.5	-596.4	-10.2	0.0	0.0
6	10	104130.6	3.8	-298.2	-5.1	2564.1	32.4
	110	-94068.6	-3.8	298.2	5.1	0.0	0.0
7	10	104130.6	-1401.9	-35.2	99.8	302.6	-12056.7
	110	-94068.6	1401.9	35.2	-99.8	0.0	0.0
8	10	104130.6	1678.3	61.4	-174.1	-527.8	14433.3
	110	-94068.6	-1678.3	-61.4	174.1	0.0	0.0
9	10	68547.0	-465.7	3697.8	-347.7	-31801.2	-4005.4
	110	-60807.0	465.7	-3697.8	347.7	0.0	0.0
10	10	68547.0	-376.2	3567.5	18.5	-30680.8	-3235.3

	110	-60807.0	376.2	-3567.5	-18.5	0.0	0.0
11	10	68547.0	1802.8	3952.2	-954.9	-33989.3	15503.8
	110	-60807.0	-1802.8	-3952.2	954.9	0.0	0.0
12	10	68547.0	1892.3	3822.0	-588.7	-32869.0	16273.9
	110	-60807.0	-1892.3	-3822.0	588.7	0.0	0.0
13	10	68547.0	-2435.3	3204.7	955.9	-27560.1	-20943.8
	110	-60807.0	2435.3	-3204.7	-955.9	0.0	0.0
14	10	68547.0	-2345.8	3074.4	1322.1	-26439.7	-20173.7
	110	-60807.0	2345.8	-3074.4	-1322.1	0.0	0.0
15	10	68547.0	-166.8	3459.1	348.8	-29748.2	-1434.6
	110	-60807.0	166.8	-3459.1	-348.8	0.0	0.0
16	10	68547.0	-77.3	3328.8	714.9	-28627.8	-664.5
	110	-60807.0	77.3	-3328.8	-714.9	0.0	0.0
17	10	68547.0	77.3	-3328.8	-714.9	28627.8	664.5
	110	-60807.0	-77.3	3328.8	714.9	0.0	0.0
18	10	68547.0	166.8	-3459.1	-348.8	29748.2	1434.6
	110	-60807.0	-166.8	3459.1	348.8	0.0	0.0
19	10	68547.0	2345.8	-3074.4	-1322.1	26439.7	20173.7
	110	-60807.0	-2345.8	3074.4	1322.1	0.0	0.0
20	10	68547.0	2435.3	-3204.7	-955.9	27560.1	20943.8
	110	-60807.0	-2435.3	3204.7	955.9	0.0	0.0
21	10	68547.0	-1892.3	-3822.0	588.7	32869.0	-16273.9
	110	-60807.0	1892.3	3822.0	-588.7	0.0	0.0
22	10	68547.0	-1802.8	-3952.2	954.9	33989.3	-15503.8
	110	-60807.0	1802.8	3952.2	-954.9	0.0	0.0
23	10	68547.0	376.2	-3567.5	-18.5	30680.8	3235.3
	110	-60807.0	-376.2	3567.5	18.5	0.0	0.0
24	10	68547.0	465.7	-3697.8	347.7	31801.2	4005.4
	110	-60807.0	-465.7	3697.8	-347.7	0.0	0.0
25	10	68547.0	-3716.1	921.0	261.2	-7921.0	-31958.7
	110	-60807.0	3716.1	-921.0	-261.2	0.0	0.0
26	10	68547.0	-4307.0	773.1	652.3	-6648.6	-37040.2
	110	-60807.0	4307.0	-773.1	-652.3	0.0	0.0
27	10	68547.0	-3553.2	-1186.9	151.1	10207.7	-30557.7
	110	-60807.0	3553.2	1186.9	-151.1	0.0	0.0
28	10	68561.9	-4144.1	-1334.9	542.2	11480.1	-35639.2
	110	-60821.9	4144.1	1334.9	-542.2	0.0	0.0
29	10	68547.0	-3417.6	486.8	1481.8	-4186.4	-29391.7
	110	-60807.0	3417.6	-486.8	-1481.8	0.0	0.0
30	10	68547.0	-4008.5	338.8	1872.9	-2914.0	-34473.2
	110	-60807.0	4008.5	-338.8	-1872.9	0.0	0.0
31	10	68547.0	-3254.7	-1621.2	1371.6	13942.4	-27990.7
	110	-60807.0	3254.7	1621.2	-1371.6	0.0	0.0
32	10	68547.0	-3845.6	-1769.2	1762.7	15214.7	-33072.2
	110	-60807.0	3845.6	1769.2	-1762.7	0.0	0.0
33	10	68547.0	3845.6	1769.1	-1762.7	-15214.7	33072.2
	110	-60807.0	-3845.6	-1769.1	1762.7	0.0	0.0
34	10	68547.0	3254.7	1621.2	-1371.6	-13942.3	27990.7
	110	-60807.0	-3254.7	-1621.2	1371.6	0.0	0.0
35	10	68547.0	4008.5	-338.8	-1872.9	2914.0	34473.2
	110	-60807.0	-4008.5	338.8	1872.9	0.0	0.0
36	10	68547.0	3417.6	-486.8	-1481.8	4186.4	29391.7
	110	-60807.0	-3417.6	486.8	1481.8	0.0	0.0
37	10	68547.0	4144.1	1334.9	-542.2	-11480.1	35639.2
	110	-60807.0	-4144.1	-1334.9	542.2	0.0	0.0
38	10	68547.0	3553.2	1186.9	-151.1	-10207.7	30557.7
	110	-60807.0	-3553.2	-1186.9	151.1	0.0	0.0
39	10	68547.0	4307.0	-773.1	-652.3	6648.6	37040.2
	110	-60807.0	-4307.0	773.1	652.3	0.0	0.0
40	10	68547.0	3716.1	-921.0	-261.2	7921.0	31958.7
	110	-60807.0	-3716.1	921.0	261.2	0.0	0.0
41	10	84784.3	-3.0	238.6	4.1	-2051.6	-25.9
	110	-77044.3	3.0	-238.6	-4.1	0.0	0.0
42	10	84784.3	1.5	-119.3	-2.0	1025.6	13.0
	110	-77044.3	-1.5	119.3	2.0	0.0	0.0

43	10	84784.3	-560.8	-14.1	39.9	121.0	-4822.7
	110	-77044.3	560.8	14.1	-39.9	0.0	0.0
44	10	84784.3	671.3	24.5	-69.6	-211.1	5773.3
	110	-77044.3	-671.3	-24.5	69.6	0.0	0.0
45	10	76665.6	-5.0	397.6	6.8	-3419.4	-43.2
	110	-68925.6	5.0	-397.6	-6.8	0.0	0.0
46	10	76665.6	2.5	-198.8	-3.4	1709.4	21.6
	110	-68925.6	-2.5	198.8	3.4	0.0	0.0
47	10	76665.6	-934.6	-23.5	66.5	201.7	-8037.8
	110	-68925.6	934.6	23.5	-66.5	0.0	0.0
48	10	76665.6	1118.9	40.9	-116.1	-351.8	9622.2
	110	-68925.6	-1118.9	-40.9	116.1	0.0	0.0
49	10	71794.4	0.0	0.0	0.0	0.0	0.0
	110	-64054.4	0.0	0.0	0.0	0.0	0.0
50	10	68547.0	-1.0	79.5	1.4	-683.9	-8.6
	110	-60807.0	1.0	-79.5	-1.4	0.0	0.0
51	10	68547.0	0.5	-39.8	-0.7	341.9	4.3
	110	-60807.0	-0.5	39.8	0.7	0.0	0.0
52	10	68547.0	-186.9	-4.7	13.3	40.3	-1607.6
	110	-60807.0	186.9	4.7	-13.3	0.0	0.0
53	10	68547.0	223.8	8.2	-23.2	-70.4	1924.4
	110	-60807.0	-223.8	-8.2	23.2	0.0	0.0
54	10	68547.0	0.0	0.0	0.0	0.0	0.0
	110	-60807.0	0.0	0.0	0.0	0.0	0.0
55	10	68547.0	-384.3	3050.9	-286.9	-26237.9	-3304.7
	110	-60807.0	384.3	-3050.9	286.9	0.0	0.0
56	10	68547.0	-310.4	2943.4	15.2	-25313.5	-2669.3
	110	-60807.0	310.4	-2943.4	-15.2	0.0	0.0
57	10	68547.0	1487.4	3260.8	-787.8	-28043.2	12791.5
	110	-60807.0	-1487.4	-3260.8	787.8	0.0	0.0
58	10	68547.0	1561.3	3153.3	-485.7	-27118.8	13426.9
	110	-60807.0	-1561.3	-3153.3	485.7	0.0	0.0
59	10	68547.0	-2009.3	2644.0	788.7	-22738.6	-17279.9
	110	-60807.0	2009.3	-2644.0	-788.7	0.0	0.0
60	10	68547.0	-1935.4	2536.5	1090.8	-21814.3	-16644.5
	110	-60807.0	1935.4	-2536.5	-1090.8	0.0	0.0
61	10	68561.9	-137.6	2853.9	287.7	-24544.0	-1183.6
	110	-60821.9	137.6	-2853.9	-287.7	0.0	0.0
62	10	68547.0	-63.7	2746.5	589.9	-23619.6	-548.2
	110	-60807.0	63.7	-2746.5	-589.9	0.0	0.0
63	10	68547.0	63.7	-2746.5	-589.9	23619.6	548.2
	110	-60807.0	-63.7	2746.5	589.9	0.0	0.0
64	10	68547.0	137.6	-2854.0	-287.7	24544.0	1183.6
	110	-60807.0	-137.6	2854.0	287.7	0.0	0.0
65	10	68547.0	1935.4	-2536.5	-1090.8	21814.3	16644.5
	110	-60807.0	-1935.4	2536.5	1090.8	0.0	0.0
66	10	68547.0	2009.3	-2644.0	-788.7	22738.7	17279.9
	110	-60807.0	-2009.3	2644.0	788.7	0.0	0.0
67	10	68547.0	-1561.3	-3153.3	485.7	27118.8	-13426.9
	110	-60807.0	1561.3	3153.3	-485.7	0.0	0.0
68	10	68547.0	-1487.4	-3260.8	787.8	28043.2	-12791.6
	110	-60807.0	1487.4	3260.8	-787.8	0.0	0.0
69	10	68547.0	310.4	-2943.4	-15.2	25313.5	2669.3
	110	-60807.0	-310.4	2943.4	15.2	0.0	0.0
70	10	68547.0	384.3	-3050.9	286.9	26237.9	3304.7
	110	-60807.0	-384.3	3050.9	-286.9	0.0	0.0
71	10	68561.9	-3066.0	759.9	215.5	-6535.3	-26367.8
	110	-60821.9	3066.0	-759.9	-215.5	0.0	0.0
72	10	68547.0	-3553.5	637.8	538.2	-5485.5	-30560.3
	110	-60807.0	3553.5	-637.8	-538.2	0.0	0.0
73	10	68547.0	-2931.6	-979.3	124.6	8422.0	-25211.9
	110	-60807.0	2931.6	979.3	-124.6	0.0	0.0
74	10	68547.0	-3419.1	-1101.4	447.3	9471.7	-29404.4
	110	-60807.0	3419.1	1101.4	-447.3	0.0	0.0
75	10	68547.0	-2819.7	401.6	1222.5	-3454.0	-24249.8

	110	-60807.0	2819.7	-401.6	-1222.5	0.0	0.0
76	10	68547.0	-3307.3	279.6	1545.2	-2404.2	-28442.4
	110	-60807.0	3307.3	-279.6	-1545.2	0.0	0.0
77	10	68547.0	-2685.3	-1337.6	1131.7	11503.2	-23093.9
	110	-60807.0	2685.3	1337.6	-1131.7	0.0	0.0
78	10	68547.0	-3172.8	-1459.7	1454.3	12553.0	-27286.5
	110	-60807.0	3172.8	1459.7	-1454.3	0.0	0.0
79	10	68547.0	3172.8	1459.7	-1454.3	-12553.0	27286.5
	110	-60807.0	-3172.8	-1459.7	1454.3	0.0	0.0
80	10	68547.0	2685.3	1337.6	-1131.7	-11503.2	23093.9
	110	-60807.0	-2685.3	-1337.6	1131.7	0.0	0.0
81	10	68547.0	3307.3	-279.6	-1545.2	2404.2	28442.4
	110	-60807.0	-3307.3	279.6	1545.2	0.0	0.0
82	10	68547.0	2819.7	-401.6	-1222.5	3454.0	24249.8
	110	-60807.0	-2819.7	401.6	1222.5	0.0	0.0
83	10	68547.0	3419.1	1101.4	-447.3	-9471.7	29404.4
	110	-60807.0	-3419.1	-1101.4	447.3	0.0	0.0
84	10	68547.0	2931.6	979.3	-124.6	-8422.0	25211.9
	110	-60807.0	-2931.6	-979.3	124.6	0.0	0.0
85	10	68547.0	3553.5	-637.8	-538.2	5485.5	30560.3
	110	-60807.0	-3553.5	637.8	538.2	0.0	0.0
86	10	68547.0	3066.0	-759.9	-215.5	6535.3	26367.8
	110	-60807.0	-3066.0	759.9	215.5	0.0	0.0
1	11	110324.2	-1.0	357.8	6.1	-3077.4	-8.7
	111	-100262.2	1.0	-357.8	-6.1	0.0	0.0
2	11	110324.2	0.5	-178.9	-3.1	1538.5	4.3
	111	-100262.2	-0.5	178.9	3.1	0.0	0.0
3	11	110324.2	-806.7	-21.1	59.9	181.5	-6937.7
	111	-100262.2	806.7	21.1	-59.9	0.0	0.0
4	11	110324.2	946.9	36.8	-104.5	-316.7	8143.1
	111	-100262.2	-946.9	-36.8	104.5	0.0	0.0
5	11	98918.5	-1.7	596.4	10.2	-5129.1	-14.5
	111	-88856.5	1.7	-596.4	-10.2	0.0	0.0
6	11	98918.5	0.8	-298.2	-5.1	2564.1	7.2
	111	-88856.5	-0.8	298.2	5.1	0.0	0.0
7	11	98918.5	-1344.5	-35.2	99.8	302.6	-11562.8
	111	-88856.5	1344.5	35.2	-99.8	0.0	0.0
8	11	98918.5	1578.1	61.4	-174.1	-527.8	13571.9
	111	-88856.5	-1578.1	-61.4	174.1	0.0	0.0
9	11	65270.4	-472.0	3697.8	-347.7	-31801.2	-4059.4
	111	-57530.4	472.0	-3697.8	347.7	0.0	0.0
10	11	65270.4	-251.6	3567.5	18.5	-30680.8	-2163.5
	111	-57530.4	251.6	-3567.5	-18.5	0.0	0.0
11	11	65270.4	1580.6	3952.2	-954.9	-33989.3	13592.9
	111	-57530.4	-1580.6	-3952.2	954.9	0.0	0.0
12	11	65270.4	1801.0	3822.0	-588.7	-32869.0	15488.8
	111	-57530.4	-1801.0	-3822.0	588.7	0.0	0.0
13	11	65270.4	-2279.9	3204.7	955.9	-27560.1	-19607.3
	111	-57530.4	2279.9	-3204.7	-955.9	0.0	0.0
14	11	65270.4	-2059.5	3074.4	1322.1	-26439.7	-17711.3
	111	-57530.4	2059.5	-3074.4	-1322.1	0.0	0.0
15	11	65270.4	-227.3	3459.1	348.8	-29748.2	-1955.0
	111	-57530.4	227.3	-3459.1	-348.8	0.0	0.0
16	11	65270.4	-6.9	3328.8	714.9	-28627.8	-59.0
	111	-57530.4	6.9	-3328.8	-714.9	0.0	0.0
17	11	65270.4	6.9	-3328.8	-714.9	28627.8	59.0
	111	-57530.4	-6.9	3328.8	714.9	0.0	0.0
18	11	65270.4	227.3	-3459.1	-348.8	29748.2	1955.0
	111	-57530.4	-227.3	3459.1	348.8	0.0	0.0
19	11	65270.4	2059.5	-3074.4	-1322.1	26439.7	17711.3
	111	-57530.4	-2059.5	3074.4	1322.1	0.0	0.0
20	11	65270.4	2279.9	-3204.7	-955.9	27560.1	19607.3
	111	-57530.4	-2279.9	3204.7	955.9	0.0	0.0
21	11	65270.4	-1801.0	-3822.0	588.7	32869.0	-15488.8

	111	-57530.4	1801.0	3822.0	-588.7	0.0	0.0
22	11	65270.4	-1580.6	-3952.2	954.9	33989.3	-13592.9
	111	-57530.4	1580.6	3952.2	-954.9	0.0	0.0
23	11	65270.4	251.6	-3567.5	-18.5	30680.8	2163.5
	111	-57530.4	-251.6	3567.5	18.5	0.0	0.0
24	11	65270.4	472.0	-3697.8	347.7	31801.2	4059.4
	111	-57530.4	-472.0	3697.8	-347.7	0.0	0.0
25	11	65270.4	-3589.1	921.0	261.2	-7921.0	-30866.0
	111	-57530.4	3589.1	-921.0	-261.2	0.0	0.0
26	11	65270.4	-4131.4	773.1	652.3	-6648.6	-35530.4
	111	-57530.4	4131.4	-773.1	-652.3	0.0	0.0
27	11	65270.4	-3445.4	-1186.9	151.1	10207.7	-29630.5
	111	-57530.4	3445.4	1186.9	-151.1	0.0	0.0
28	11	65282.2	-3987.8	-1334.9	542.2	11480.1	-34294.8
	111	-57542.2	3987.8	1334.9	-542.2	0.0	0.0
29	11	65270.4	-2854.2	486.8	1481.8	-4186.4	-24546.2
	111	-57530.4	2854.2	-486.8	-1481.8	0.0	0.0
30	11	65270.4	-3396.6	338.8	1872.9	-2914.0	-29210.5
	111	-57530.4	3396.6	-338.8	-1872.9	0.0	0.0
31	11	65270.4	-2710.5	-1621.2	1371.6	13942.4	-23310.7
	111	-57530.4	2710.5	1621.2	-1371.6	0.0	0.0
32	11	65270.4	-3252.9	-1769.2	1762.7	15214.7	-27975.0
	111	-57530.4	3252.9	1769.2	-1762.7	0.0	0.0
33	11	65270.4	3252.9	1769.1	-1762.7	-15214.7	27975.0
	111	-57530.4	-3252.9	-1769.1	1762.7	0.0	0.0
34	11	65270.4	2710.5	1621.2	-1371.6	-13942.3	23310.7
	111	-57530.4	-2710.5	-1621.2	1371.6	0.0	0.0
35	11	65270.4	3396.6	-338.8	-1872.9	2914.0	29210.5
	111	-57530.4	-3396.6	338.8	1872.9	0.0	0.0
36	11	65270.4	2854.2	-486.8	-1481.8	4186.4	24546.2
	111	-57530.4	-2854.2	486.8	1481.8	0.0	0.0
37	11	65270.4	3987.8	1334.9	-542.2	-11480.1	34294.8
	111	-57530.4	-3987.8	-1334.9	542.2	0.0	0.0
38	11	65270.4	3445.4	1186.9	-151.1	-10207.7	29630.5
	111	-57530.4	-3445.4	-1186.9	151.1	0.0	0.0
39	11	65270.4	4131.4	-773.1	-652.3	6648.6	35530.4
	111	-57530.4	-4131.4	773.1	652.3	0.0	0.0
40	11	65270.4	3589.1	-921.0	-261.2	7921.0	30866.0
	111	-57530.4	-3589.1	921.0	261.2	0.0	0.0
41	11	80478.0	-0.7	238.6	4.1	-2051.6	-5.8
	111	-72738.0	0.7	-238.6	-4.1	0.0	0.0
42	11	80478.0	0.3	-119.3	-2.0	1025.6	2.9
	111	-72738.0	-0.3	119.3	2.0	0.0	0.0
43	11	80478.0	-537.8	-14.1	39.9	121.0	-4625.1
	111	-72738.0	537.8	14.1	-39.9	0.0	0.0
44	11	80478.0	631.2	24.5	-69.6	-211.1	5428.7
	111	-72738.0	-631.2	-24.5	69.6	0.0	0.0
45	11	72874.2	-1.1	397.6	6.8	-3419.4	-9.7
	111	-65134.2	1.1	-397.6	-6.8	0.0	0.0
46	11	72874.2	0.6	-198.8	-3.4	1709.4	4.8
	111	-65134.2	-0.6	198.8	3.4	0.0	0.0
47	11	72874.2	-896.3	-23.5	66.5	201.7	-7708.5
	111	-65134.2	896.3	23.5	-66.5	0.0	0.0
48	11	72874.2	1052.1	40.9	-116.1	-351.8	9047.9
	111	-65134.2	-1052.1	-40.9	116.1	0.0	0.0
49	11	68311.9	0.0	0.0	0.0	0.0	0.0
	111	-60571.9	0.0	0.0	0.0	0.0	0.0
50	11	65270.4	-0.2	79.5	1.4	-683.9	-1.9
	111	-57530.4	0.2	-79.5	-1.4	0.0	0.0
51	11	65270.4	0.1	-39.8	-0.7	341.9	1.0
	111	-57530.4	-0.1	39.8	0.7	0.0	0.0
52	11	65270.4	-179.3	-4.7	13.3	40.3	-1541.7
	111	-57530.4	179.3	4.7	-13.3	0.0	0.0
53	11	65270.4	210.4	8.2	-23.2	-70.4	1809.6
	111	-57530.4	-210.4	-8.2	23.2	0.0	0.0

54	11	65270.4	0.0	0.0	0.0	0.0	0.0
	111	-57530.4	0.0	0.0	0.0	0.0	0.0
55	11	65270.4	-389.5	3050.9	-286.9	-26237.9	-3349.3
	111	-57530.4	389.5	-3050.9	286.9	0.0	0.0
56	11	65270.4	-207.6	2943.4	15.2	-25313.5	-1785.0
	111	-57530.4	207.6	-2943.4	-15.2	0.0	0.0
57	11	65270.4	1304.1	3260.8	-787.8	-28043.2	11214.9
	111	-57530.4	-1304.1	-3260.8	787.8	0.0	0.0
58	11	65270.4	1485.9	3153.3	-485.7	-27118.8	12779.2
	111	-57530.4	-1485.9	-3153.3	485.7	0.0	0.0
59	11	65270.4	-1881.1	2644.0	788.7	-22738.6	-16177.1
	111	-57530.4	1881.1	-2644.0	-788.7	0.0	0.0
60	11	65270.4	-1699.2	2536.5	1090.8	-21814.3	-14612.9
	111	-57530.4	1699.2	-2536.5	-1090.8	0.0	0.0
61	11	65282.2	-187.6	2853.9	287.7	-24544.0	-1613.0
	111	-57542.2	187.6	-2853.9	-287.7	0.0	0.0
62	11	65270.4	-5.7	2746.5	589.9	-23619.6	-48.7
	111	-57530.4	5.7	-2746.5	-589.9	0.0	0.0
63	11	65270.4	5.7	-2746.5	-589.9	23619.6	48.7
	111	-57530.4	-5.7	2746.5	589.9	0.0	0.0
64	11	65270.4	187.6	-2854.0	-287.7	24544.0	1613.0
	111	-57530.4	-187.6	2854.0	287.7	0.0	0.0
65	11	65270.4	1699.2	-2536.5	-1090.8	21814.3	14612.9
	111	-57530.4	-1699.2	2536.5	1090.8	0.0	0.0
66	11	65270.4	1881.1	-2644.0	-788.7	22738.7	16177.1
	111	-57530.4	-1881.1	2644.0	788.7	0.0	0.0
67	11	65270.4	-1485.9	-3153.3	485.7	27118.8	-12779.2
	111	-57530.4	1485.9	3153.3	-485.7	0.0	0.0
68	11	65270.4	-1304.1	-3260.8	787.8	28043.2	-11214.9
	111	-57530.4	1304.1	3260.8	-787.8	0.0	0.0
69	11	65270.4	207.6	-2943.4	-15.2	25313.5	1785.0
	111	-57530.4	-207.6	2943.4	15.2	0.0	0.0
70	11	65270.4	389.5	-3050.9	286.9	26237.9	3349.3
	111	-57530.4	-389.5	3050.9	-286.9	0.0	0.0
71	11	65282.2	-2961.2	759.9	215.5	-6535.3	-25466.3
	111	-57542.2	2961.2	-759.9	-215.5	0.0	0.0
72	11	65270.4	-3408.7	637.8	538.2	-5485.5	-29314.6
	111	-57530.4	3408.7	-637.8	-538.2	0.0	0.0
73	11	65270.4	-2842.7	-979.3	124.6	8422.0	-24446.9
	111	-57530.4	2842.7	979.3	-124.6	0.0	0.0
74	11	65270.4	-3290.1	-1101.4	447.3	9471.7	-28295.2
	111	-57530.4	3290.1	1101.4	-447.3	0.0	0.0
75	11	65270.4	-2354.9	401.6	1222.5	-3454.0	-20252.0
	111	-57530.4	2354.9	-401.6	-1222.5	0.0	0.0
76	11	65270.4	-2802.4	279.6	1545.2	-2404.2	-24100.4
	111	-57530.4	2802.4	-279.6	-1545.2	0.0	0.0
77	11	65270.4	-2236.4	-1337.6	1131.7	11503.2	-19232.6
	111	-57530.4	2236.4	1337.6	-1131.7	0.0	0.0
78	11	65270.4	-2683.8	-1459.7	1454.3	12553.0	-23081.0
	111	-57530.4	2683.8	1459.7	-1454.3	0.0	0.0
79	11	65270.4	2683.8	1459.7	-1454.3	-12553.0	23081.0
	111	-57530.4	-2683.8	-1459.7	1454.3	0.0	0.0
80	11	65270.4	2236.4	1337.6	-1131.7	-11503.2	19232.6
	111	-57530.4	-2236.4	-1337.6	1131.7	0.0	0.0
81	11	65270.4	2802.4	-279.6	-1545.2	2404.2	24100.4
	111	-57530.4	-2802.4	279.6	1545.2	0.0	0.0
82	11	65270.4	2354.9	-401.6	-1222.5	3454.0	20252.0
	111	-57530.4	-2354.9	401.6	1222.5	0.0	0.0
83	11	65270.4	3290.1	1101.4	-447.3	-9471.7	28295.2
	111	-57530.4	-3290.1	-1101.4	447.3	0.0	0.0
84	11	65270.4	2842.7	979.3	-124.6	-8422.0	24446.9
	111	-57530.4	-2842.7	-979.3	124.6	0.0	0.0
85	11	65270.4	3408.7	-637.8	-538.2	5485.5	29314.6
	111	-57530.4	-3408.7	637.8	538.2	0.0	0.0
86	11	65270.4	2961.2	-759.9	-215.5	6535.3	25466.3

	111	-57530.4	-2961.2	759.9	215.5	0.0	0.0
1	12	113158.6	2.5	357.8	6.1	-3077.4	21.5
	112	-103096.6	-2.5	-357.8	-6.1	0.0	0.0
2	12	113158.6	-1.3	-178.9	-3.1	1538.5	-10.8
	112	-103096.6	1.3	178.9	3.1	0.0	0.0
3	12	113158.6	-772.3	-21.1	59.9	181.5	-6641.4
	112	-103096.6	772.3	21.1	-59.9	0.0	0.0
4	12	113158.6	886.8	36.8	-104.5	-316.7	7626.2
	112	-103096.6	-886.8	-36.8	104.5	0.0	0.0
5	12	101387.2	4.2	596.4	10.2	-5129.1	35.9
	112	-91325.2	-4.2	-596.4	-10.2	0.0	0.0
6	12	101387.2	-2.1	-298.2	-5.1	2564.1	-18.0
	112	-91325.2	2.1	298.2	5.1	0.0	0.0
7	12	101387.2	-1287.1	-35.2	99.8	302.6	-11069.0
	112	-91325.2	1287.1	35.2	-99.8	0.0	0.0
8	12	101387.2	1478.0	61.4	-174.1	-527.8	12710.4
	112	-91325.2	-1478.0	-61.4	174.1	0.0	0.0
9	12	66822.4	-1817.5	3697.8	-347.7	-31801.2	-15630.7
	112	-59082.4	1817.5	-3697.8	347.7	0.0	0.0
10	12	66822.4	-1525.9	3567.5	18.5	-30680.8	-13122.6
	112	-59082.4	1525.9	-3567.5	-18.5	0.0	0.0
11	12	66822.4	84.4	3952.2	-954.9	-33989.3	725.4
	112	-59082.4	-84.4	-3952.2	954.9	0.0	0.0
12	12	66822.4	376.0	3822.0	-588.7	-32869.0	3233.5
	112	-59082.4	-376.0	-3822.0	588.7	0.0	0.0
13	12	66822.4	127.4	3204.7	955.9	-27560.1	1095.6
	112	-59082.4	-127.4	-3204.7	-955.9	0.0	0.0
14	12	66822.4	419.0	3074.4	1322.1	-26439.7	3603.8
	112	-59082.4	-419.0	-3074.4	-1322.1	0.0	0.0
15	12	66822.4	2029.3	3459.1	348.8	-29748.2	17451.8
	112	-59082.4	-2029.3	-3459.1	-348.8	0.0	0.0
16	12	66822.4	2320.9	3328.8	714.9	-28627.8	19959.9
	112	-59082.4	-2320.9	-3328.8	-714.9	0.0	0.0
17	12	66822.4	-2320.9	-3328.8	-714.9	28627.8	-19959.9
	112	-59082.4	2320.9	3328.8	714.9	0.0	0.0
18	12	66822.4	-2029.3	-3459.1	-348.8	29748.2	-17451.8
	112	-59082.4	2029.3	3459.1	348.8	0.0	0.0
19	12	66822.4	-419.0	-3074.4	-1322.1	26439.7	-3603.8
	112	-59082.4	419.0	3074.4	1322.1	0.0	0.0
20	12	66822.4	-127.4	-3204.7	-955.9	27560.1	-1095.6
	112	-59082.4	127.4	3204.7	955.9	0.0	0.0
21	12	66822.4	-376.0	-3822.0	588.7	32869.0	-3233.5
	112	-59082.4	376.0	3822.0	-588.7	0.0	0.0
22	12	66822.4	-84.4	-3952.2	954.9	33989.3	-725.4
	112	-59082.4	84.4	3952.2	-954.9	0.0	0.0
23	12	66822.4	1525.9	-3567.5	-18.5	30680.8	13122.6
	112	-59082.4	-1525.9	3567.5	18.5	0.0	0.0
24	12	66822.4	1817.5	-3697.8	347.7	31801.2	15630.7
	112	-59082.4	-1817.5	3697.8	-347.7	0.0	0.0
25	12	66822.4	-3872.1	921.0	261.2	-7921.0	-33300.0
	112	-59082.4	3872.1	-921.0	-261.2	0.0	0.0
26	12	66822.4	-3288.6	773.1	652.3	-6648.6	-28282.1
	112	-59082.4	3288.6	-773.1	-652.3	0.0	0.0
27	12	66822.4	-4023.1	-1186.9	151.1	10207.7	-34598.8
	112	-59082.4	4023.1	1186.9	-151.1	0.0	0.0
28	12	66836.1	-3439.6	-1334.9	542.2	11480.1	-29580.9
	112	-59096.1	3439.6	1334.9	-542.2	0.0	0.0
29	12	66822.4	-2900.0	486.8	1481.8	-4186.4	-24939.7
	112	-59082.4	2900.0	-486.8	-1481.8	0.0	0.0
30	12	66822.4	-2316.5	338.8	1872.9	-2914.0	-19921.8
	112	-59082.4	2316.5	-338.8	-1872.9	0.0	0.0
31	12	66822.4	-3051.0	-1621.2	1371.6	13942.4	-26238.4
	112	-59082.4	3051.0	1621.2	-1371.6	0.0	0.0
32	12	66822.4	-2467.5	-1769.2	1762.7	15214.7	-21220.5

	112	-59082.4	2467.5	1769.2	-1762.7	0.0	0.0
33	12	66822.4	2467.5	1769.1	-1762.7	-15214.7	21220.5
	112	-59082.4	-2467.5	-1769.1	1762.7	0.0	0.0
34	12	66822.4	3051.0	1621.2	-1371.6	-13942.3	26238.4
	112	-59082.4	-3051.0	-1621.2	1371.6	0.0	0.0
35	12	66822.4	2316.5	-338.8	-1872.9	2914.0	19921.8
	112	-59082.4	-2316.5	338.8	1872.9	0.0	0.0
36	12	66822.4	2900.0	-486.8	-1481.8	4186.4	24939.7
	112	-59082.4	-2900.0	486.8	1481.8	0.0	0.0
37	12	66822.4	3439.6	1334.9	-542.2	-11480.1	29580.9
	112	-59082.4	-3439.6	-1334.9	542.2	0.0	0.0
38	12	66822.4	4023.1	1186.9	-151.1	-10207.7	34598.8
	112	-59082.4	-4023.1	-1186.9	151.1	0.0	0.0
39	12	66822.4	3288.6	-773.1	-652.3	6648.6	28282.1
	112	-59082.4	-3288.6	773.1	652.3	0.0	0.0
40	12	66822.4	3872.1	-921.0	-261.2	7921.0	33300.0
	112	-59082.4	-3872.1	921.0	261.2	0.0	0.0
41	12	82517.6	1.7	238.6	4.1	-2051.6	14.4
	112	-74777.6	-1.7	-238.6	-4.1	0.0	0.0
42	12	82517.6	-0.8	-119.3	-2.0	1025.6	-7.2
	112	-74777.6	0.8	119.3	2.0	0.0	0.0
43	12	82517.6	-514.8	-14.1	39.9	121.0	-4427.6
	112	-74777.6	514.8	14.1	-39.9	0.0	0.0
44	12	82517.6	591.2	24.5	-69.6	-211.1	5084.2
	112	-74777.6	-591.2	-24.5	69.6	0.0	0.0
45	12	74670.0	2.8	397.6	6.8	-3419.4	23.9
	112	-66930.0	-2.8	-397.6	-6.8	0.0	0.0
46	12	74670.0	-1.4	-198.8	-3.4	1709.4	-12.0
	112	-66930.0	1.4	198.8	3.4	0.0	0.0
47	12	74670.0	-858.1	-23.5	66.5	201.7	-7379.3
	112	-66930.0	858.1	23.5	-66.5	0.0	0.0
48	12	74670.0	985.3	40.9	-116.1	-351.8	8473.6
	112	-66930.0	-985.3	-40.9	116.1	0.0	0.0
49	12	69961.4	0.0	0.0	0.0	0.0	0.0
	112	-62221.4	0.0	0.0	0.0	0.0	0.0
50	12	66822.4	0.6	79.5	1.4	-683.9	4.8
	112	-59082.4	-0.6	-79.5	-1.4	0.0	0.0
51	12	66822.4	-0.3	-39.8	-0.7	341.9	-2.4
	112	-59082.4	0.3	39.8	0.7	0.0	0.0
52	12	66822.4	-171.6	-4.7	13.3	40.3	-1475.9
	112	-59082.4	171.6	4.7	-13.3	0.0	0.0
53	12	66822.4	197.1	8.2	-23.2	-70.4	1694.7
	112	-59082.4	-197.1	-8.2	23.2	0.0	0.0
54	12	66822.4	0.0	0.0	0.0	0.0	0.0
	112	-59082.4	0.0	0.0	0.0	0.0	0.0
55	12	66822.4	-1499.6	3050.9	-286.9	-26237.9	-12896.3
	112	-59082.4	1499.6	-3050.9	286.9	0.0	0.0
56	12	66822.4	-1258.9	2943.4	15.2	-25313.5	-10826.9
	112	-59082.4	1258.9	-2943.4	-15.2	0.0	0.0
57	12	66822.4	69.6	3260.8	-787.8	-28043.2	598.5
	112	-59082.4	-69.6	-3260.8	787.8	0.0	0.0
58	12	66822.4	310.2	3153.3	-485.7	-27118.8	2667.9
	112	-59082.4	-310.2	-3153.3	485.7	0.0	0.0
59	12	66822.4	105.1	2644.0	788.7	-22738.6	904.0
	112	-59082.4	-105.1	-2644.0	-788.7	0.0	0.0
60	12	66822.4	345.7	2536.5	1090.8	-21814.3	2973.3
	112	-59082.4	-345.7	-2536.5	-1090.8	0.0	0.0
61	12	66836.1	1674.3	2853.9	287.7	-24544.0	14398.7
	112	-59096.1	-1674.3	-2853.9	-287.7	0.0	0.0
62	12	66822.4	1914.9	2746.5	589.9	-23619.6	16468.1
	112	-59082.4	-1914.9	-2746.5	-589.9	0.0	0.0
63	12	66822.4	-1914.9	-2746.5	-589.9	23619.6	-16468.1
	112	-59082.4	1914.9	2746.5	589.9	0.0	0.0
64	12	66822.4	-1674.3	-2854.0	-287.7	24544.0	-14398.7
	112	-59082.4	1674.3	2854.0	287.7	0.0	0.0

65	12	66822.4	-345.7	-2536.5	-1090.8	21814.3	-2973.3
	112	-59082.4	345.7	2536.5	1090.8	0.0	0.0
66	12	66822.4	-105.1	-2644.0	-788.7	22738.7	-904.0
	112	-59082.4	105.1	2644.0	788.7	0.0	0.0
67	12	66822.4	-310.2	-3153.3	485.7	27118.8	-2667.9
	112	-59082.4	310.2	3153.3	-485.7	0.0	0.0
68	12	66822.4	-69.6	-3260.8	787.8	28043.2	-598.5
	112	-59082.4	69.6	3260.8	-787.8	0.0	0.0
69	12	66822.4	1258.9	-2943.4	-15.2	25313.5	10826.9
	112	-59082.4	-1258.9	2943.4	15.2	0.0	0.0
70	12	66822.4	1499.6	-3050.9	286.9	26237.9	12896.3
	112	-59082.4	-1499.6	3050.9	-286.9	0.0	0.0
71	12	66836.1	-3194.7	759.9	215.5	-6535.3	-27474.5
	112	-59096.1	3194.7	-759.9	-215.5	0.0	0.0
72	12	66822.4	-2713.3	637.8	538.2	-5485.5	-23334.4
	112	-59082.4	2713.3	-637.8	-538.2	0.0	0.0
73	12	66822.4	-3319.3	-979.3	124.6	8422.0	-28546.0
	112	-59082.4	3319.3	979.3	-124.6	0.0	0.0
74	12	66822.4	-2837.9	-1101.4	447.3	9471.7	-24405.9
	112	-59082.4	2837.9	1101.4	-447.3	0.0	0.0
75	12	66822.4	-2392.6	401.6	1222.5	-3454.0	-20576.7
	112	-59082.4	2392.6	-401.6	-1222.5	0.0	0.0
76	12	66822.4	-1911.2	279.6	1545.2	-2404.2	-16436.6
	112	-59082.4	1911.2	-279.6	-1545.2	0.0	0.0
77	12	66822.4	-2517.2	-1337.6	1131.7	11503.2	-21648.2
	112	-59082.4	2517.2	1337.6	-1131.7	0.0	0.0
78	12	66822.4	-2035.8	-1459.7	1454.3	12553.0	-17508.1
	112	-59082.4	2035.8	1459.7	-1454.3	0.0	0.0
79	12	66822.4	2035.8	1459.7	-1454.3	-12553.0	17508.1
	112	-59082.4	-2035.8	-1459.7	1454.3	0.0	0.0
80	12	66822.4	2517.2	1337.6	-1131.7	-11503.2	21648.2
	112	-59082.4	-2517.2	-1337.6	1131.7	0.0	0.0
81	12	66822.4	1911.2	-279.6	-1545.2	2404.2	16436.6
	112	-59082.4	-1911.2	279.6	1545.2	0.0	0.0
82	12	66822.4	2392.6	-401.6	-1222.5	3454.0	20576.7
	112	-59082.4	-2392.6	401.6	1222.5	0.0	0.0
83	12	66822.4	2837.9	1101.4	-447.3	-9471.7	24405.9
	112	-59082.4	-2837.9	-1101.4	447.3	0.0	0.0
84	12	66822.4	3319.3	979.3	-124.6	-8422.0	28546.0
	112	-59082.4	-3319.3	-979.3	124.6	0.0	0.0
85	12	66822.4	2713.3	-637.8	-538.2	5485.5	23334.4
	112	-59082.4	-2713.3	637.8	538.2	0.0	0.0
86	12	66822.4	3194.7	-759.9	-215.5	6535.3	27474.5
	112	-59082.4	-3194.7	759.9	215.5	0.0	0.0
1	13	110483.4	6.0	357.8	6.1	-3077.4	51.8
	113	-100421.4	-6.0	-357.8	-6.1	0.0	0.0
2	13	110483.4	-3.0	-178.9	-3.1	1538.5	-25.9
	113	-100421.4	3.0	178.9	3.1	0.0	0.0
3	13	110483.4	-737.8	-21.1	59.9	181.5	-6345.1
	113	-100421.4	737.8	21.1	-59.9	0.0	0.0
4	13	110483.4	826.7	36.8	-104.5	-316.7	7109.3
	113	-100421.4	-826.7	-36.8	104.5	0.0	0.0
5	13	99271.1	10.0	596.4	10.2	-5129.1	86.3
	113	-89209.1	-10.0	-596.4	-10.2	0.0	0.0
6	13	99271.1	-5.0	-298.2	-5.1	2564.1	-43.1
	113	-89209.1	5.0	298.2	5.1	0.0	0.0
7	13	99271.1	-1229.7	-35.2	99.8	302.6	-10575.1
	113	-89209.1	1229.7	35.2	-99.8	0.0	0.0
8	13	99271.1	1377.8	61.4	-174.1	-527.8	11848.9
	113	-89209.1	-1377.8	-61.4	174.1	0.0	0.0
9	13	65725.1	-1921.8	3697.8	-347.7	-31801.2	-16527.4
	113	-57985.1	1921.8	-3697.8	347.7	0.0	0.0
10	13	65725.1	-1645.4	3567.5	18.5	-30680.8	-14150.4
	113	-57985.1	1645.4	-3567.5	-18.5	0.0	0.0

11	13	65725.1	-78.1	3952.2	-954.9	-33989.3	-671.8
	113	-57985.1	78.1	-3952.2	954.9	0.0	0.0
12	13	65725.1	198.3	3822.0	-588.7	-32869.0	1705.3
	113	-57985.1	-198.3	-3822.0	588.7	0.0	0.0
13	13	65725.1	406.9	3204.7	955.9	-27560.1	3499.5
	113	-57985.1	-406.9	-3204.7	-955.9	0.0	0.0
14	13	65725.1	683.3	3074.4	1322.1	-26439.7	5876.6
	113	-57985.1	-683.3	-3074.4	-1322.1	0.0	0.0
15	13	65725.1	2250.6	3459.1	348.8	-29748.2	19355.2
	113	-57985.1	-2250.6	-3459.1	-348.8	0.0	0.0
16	13	65725.1	2527.0	3328.8	714.9	-28627.8	21732.2
	113	-57985.1	-2527.0	-3328.8	-714.9	0.0	0.0
17	13	65725.1	-2527.0	-3328.8	-714.9	28627.8	-21732.2
	113	-57985.1	2527.0	3328.8	714.9	0.0	0.0
18	13	65725.1	-2250.6	-3459.1	-348.8	29748.2	-19355.2
	113	-57985.1	2250.6	3459.1	348.8	0.0	0.0
19	13	65725.1	-683.3	-3074.4	-1322.1	26439.7	-5876.6
	113	-57985.1	683.3	3074.4	1322.1	0.0	0.0
20	13	65725.1	-406.9	-3204.7	-955.9	27560.1	-3499.5
	113	-57985.1	406.9	3204.7	955.9	0.0	0.0
21	13	65725.1	-198.3	-3822.0	588.7	32869.0	-1705.3
	113	-57985.1	198.3	3822.0	-588.7	0.0	0.0
22	13	65725.1	78.1	-3952.2	954.9	33989.3	671.8
	113	-57985.1	-78.1	3952.2	-954.9	0.0	0.0
23	13	65725.1	1645.4	-3567.5	-18.5	30680.8	14150.4
	113	-57985.1	-1645.4	3567.5	18.5	0.0	0.0
24	13	65725.1	1921.8	-3697.8	347.7	31801.2	16527.4
	113	-57985.1	-1921.8	3697.8	-347.7	0.0	0.0
25	13	65725.1	-3792.0	921.0	261.2	-7921.0	-32611.2
	113	-57985.1	3792.0	-921.0	-261.2	0.0	0.0
26	13	65725.1	-3093.4	773.1	652.3	-6648.6	-26603.1
	113	-57985.1	3093.4	-773.1	-652.3	0.0	0.0
27	13	65725.1	-3973.6	-1186.9	151.1	10207.7	-34172.6
	113	-57985.1	3973.6	1186.9	-151.1	0.0	0.0
28	13	65739.4	-3274.9	-1334.9	542.2	11480.1	-28164.6
	113	-57999.4	3274.9	1334.9	-542.2	0.0	0.0
29	13	65725.1	-2870.7	486.8	1481.8	-4186.4	-24687.7
	113	-57985.1	2870.7	-486.8	-1481.8	0.0	0.0
30	13	65725.1	-2172.0	338.8	1872.9	-2914.0	-18679.6
	113	-57985.1	2172.0	-338.8	-1872.9	0.0	0.0
31	13	65725.1	-3052.2	-1621.2	1371.6	13942.4	-26249.1
	113	-57985.1	3052.2	1621.2	-1371.6	0.0	0.0
32	13	65725.1	-2353.6	-1769.2	1762.7	15214.7	-20241.1
	113	-57985.1	2353.6	1769.2	-1762.7	0.0	0.0
33	13	65725.1	2353.6	1769.1	-1762.7	-15214.7	20241.1
	113	-57985.1	-2353.6	-1769.1	1762.7	0.0	0.0
34	13	65725.1	3052.2	1621.2	-1371.6	-13942.3	26249.1
	113	-57985.1	-3052.2	-1621.2	1371.6	0.0	0.0
35	13	65725.1	2172.0	-338.8	-1872.9	2914.0	18679.6
	113	-57985.1	-2172.0	338.8	1872.9	0.0	0.0
36	13	65725.1	2870.7	-486.8	-1481.8	4186.4	24687.7
	113	-57985.1	-2870.7	486.8	1481.8	0.0	0.0
37	13	65725.1	3274.9	1334.9	-542.2	-11480.1	28164.6
	113	-57985.1	-3274.9	-1334.9	542.2	0.0	0.0
38	13	65725.1	3973.6	1186.9	-151.1	-10207.7	34172.6
	113	-57985.1	-3973.6	-1186.9	151.1	0.0	0.0
39	13	65725.1	3093.4	-773.1	-652.3	6648.6	26603.1
	113	-57985.1	-3093.4	773.1	652.3	0.0	0.0
40	13	65725.1	3792.0	-921.0	-261.2	7921.0	32611.2
	113	-57985.1	-3792.0	921.0	261.2	0.0	0.0
41	13	80674.8	4.0	238.6	4.1	-2051.6	34.5
	113	-72934.8	-4.0	-238.6	-4.1	0.0	0.0
42	13	80674.8	-2.0	-119.3	-2.0	1025.6	-17.3
	113	-72934.8	2.0	119.3	2.0	0.0	0.0
43	13	80674.8	-491.9	-14.1	39.9	121.0	-4230.0

	113	-72934.8	491.9	14.1	-39.9	0.0	0.0
44	13	80674.8	551.1	24.5	-69.6	-211.1	4739.6
	113	-72934.8	-551.1	-24.5	69.6	0.0	0.0
45	13	73200.0	6.7	397.6	6.8	-3419.4	57.5
	113	-65460.0	-6.7	-397.6	-6.8	0.0	0.0
46	13	73200.0	-3.3	-198.8	-3.4	1709.4	-28.8
	113	-65460.0	3.3	198.8	3.4	0.0	0.0
47	13	73200.0	-819.8	-23.5	66.5	201.7	-7050.1
	113	-65460.0	819.8	23.5	-66.5	0.0	0.0
48	13	73200.0	918.5	40.9	-116.1	-351.8	7899.3
	113	-65460.0	-918.5	-40.9	116.1	0.0	0.0
49	13	68715.0	0.0	0.0	0.0	0.0	0.0
	113	-60975.1	0.0	0.0	0.0	0.0	0.0
50	13	65725.1	1.3	79.5	1.4	-683.9	11.5
	113	-57985.1	-1.3	-79.5	-1.4	0.0	0.0
51	13	65725.1	-0.7	-39.8	-0.7	341.9	-5.8
	113	-57985.1	0.7	39.8	0.7	0.0	0.0
52	13	65725.1	-164.0	-4.7	13.3	40.3	-1410.0
	113	-57985.1	164.0	4.7	-13.3	0.0	0.0
53	13	65725.1	183.7	8.2	-23.2	-70.4	1579.9
	113	-57985.1	-183.7	-8.2	23.2	0.0	0.0
54	13	65725.1	0.0	0.0	0.0	0.0	0.0
	113	-57985.1	0.0	0.0	0.0	0.0	0.0
55	13	65725.1	-1585.6	3050.9	-286.9	-26237.9	-13636.1
	113	-57985.1	1585.6	-3050.9	286.9	0.0	0.0
56	13	65725.1	-1357.5	2943.4	15.2	-25313.5	-11674.9
	113	-57985.1	1357.5	-2943.4	-15.2	0.0	0.0
57	13	65725.1	-64.4	3260.8	-787.8	-28043.2	-554.2
	113	-57985.1	64.4	-3260.8	787.8	0.0	0.0
58	13	65725.1	163.6	3153.3	-485.7	-27118.8	1407.0
	113	-57985.1	-163.6	-3153.3	485.7	0.0	0.0
59	13	65725.1	335.7	2644.0	788.7	-22738.6	2887.3
	113	-57985.1	-335.7	-2644.0	-788.7	0.0	0.0
60	13	65725.1	563.8	2536.5	1090.8	-21814.3	4848.5
	113	-57985.1	-563.8	-2536.5	-1090.8	0.0	0.0
61	13	65739.4	1856.9	2853.9	287.7	-24544.0	15969.1
	113	-57999.4	-1856.9	-2853.9	-287.7	0.0	0.0
62	13	65725.1	2084.9	2746.5	589.9	-23619.6	17930.3
	113	-57985.1	-2084.9	-2746.5	-589.9	0.0	0.0
63	13	65725.1	-2084.9	-2746.5	-589.9	23619.6	-17930.3
	113	-57985.1	2084.9	2746.5	589.9	0.0	0.0
64	13	65725.1	-1856.9	-2854.0	-287.7	24544.0	-15969.1
	113	-57985.1	1856.9	2854.0	287.7	0.0	0.0
65	13	65725.1	-563.8	-2536.5	-1090.8	21814.3	-4848.5
	113	-57985.1	563.8	2536.5	1090.8	0.0	0.0
66	13	65725.1	-335.7	-2644.0	-788.7	22738.7	-2887.3
	113	-57985.1	335.7	2644.0	788.7	0.0	0.0
67	13	65725.1	-163.6	-3153.3	485.7	27118.8	-1407.0
	113	-57985.1	163.6	3153.3	-485.7	0.0	0.0
68	13	65725.1	64.4	-3260.8	787.8	28043.2	554.2
	113	-57985.1	-64.4	3260.8	-787.8	0.0	0.0
69	13	65725.1	1357.5	-2943.4	-15.2	25313.5	11674.9
	113	-57985.1	-1357.5	2943.4	15.2	0.0	0.0
70	13	65725.1	1585.6	-3050.9	286.9	26237.9	13636.1
	113	-57985.1	-1585.6	3050.9	-286.9	0.0	0.0
71	13	65739.4	-3128.6	759.9	215.5	-6535.3	-26906.1
	113	-57999.4	3128.6	-759.9	-215.5	0.0	0.0
72	13	65725.1	-2552.2	637.8	538.2	-5485.5	-21949.1
	113	-57985.1	2552.2	-637.8	-538.2	0.0	0.0
73	13	65725.1	-3278.4	-979.3	124.6	8422.0	-28194.4
	113	-57985.1	3278.4	979.3	-124.6	0.0	0.0
74	13	65725.1	-2702.0	-1101.4	447.3	9471.7	-23237.4
	113	-57985.1	2702.0	1101.4	-447.3	0.0	0.0
75	13	65725.1	-2368.5	401.6	1222.5	-3454.0	-20368.8
	113	-57985.1	2368.5	-401.6	-1222.5	0.0	0.0

76	13	65725.1	-1792.1	279.6	1545.2	-2404.2	-15411.8
	113	-57985.1	1792.1	-279.6	-1545.2	0.0	0.0
77	13	65725.1	-2518.3	-1337.6	1131.7	11503.2	-21657.1
	113	-57985.1	2518.3	1337.6	-1131.7	0.0	0.0
78	13	65725.1	-1941.9	-1459.7	1454.3	12553.0	-16700.0
	113	-57985.1	1941.9	1459.7	-1454.3	0.0	0.0
79	13	65725.1	1941.9	1459.7	-1454.3	-12553.0	16700.0
	113	-57985.1	-1941.9	-1459.7	1454.3	0.0	0.0
80	13	65725.1	2518.3	1337.6	-1131.7	-11503.2	21657.1
	113	-57985.1	-2518.3	-1337.6	1131.7	0.0	0.0
81	13	65725.1	1792.1	-279.6	-1545.2	2404.2	15411.8
	113	-57985.1	-1792.1	279.6	1545.2	0.0	0.0
82	13	65725.1	2368.5	-401.6	-1222.5	3454.0	20368.8
	113	-57985.1	-2368.5	401.6	1222.5	0.0	0.0
83	13	65725.1	2702.0	1101.4	-447.3	-9471.7	23237.4
	113	-57985.1	-2702.0	-1101.4	447.3	0.0	0.0
84	13	65725.1	3278.4	979.3	-124.6	-8422.0	28194.4
	113	-57985.1	-3278.4	-979.3	124.6	0.0	0.0
85	13	65725.1	2552.2	-637.8	-538.2	5485.5	21949.1
	113	-57985.1	-2552.2	637.8	538.2	0.0	0.0
86	13	65725.1	3128.6	-759.9	-215.5	6535.3	26906.1
	113	-57985.1	-3128.6	759.9	215.5	0.0	0.0
1	14	61586.9	37.8	1419.0	6.1	-6101.6	162.6
	114	-51524.9	-37.8	-1419.0	-6.1	-6101.6	162.6
2	14	61586.9	-18.9	-709.4	-3.1	3050.3	-81.3
	114	-51524.9	18.9	709.4	3.1	3050.3	-81.3
3	14	61586.9	-2789.0	-83.7	59.9	359.9	-11992.7
	114	-51524.9	2789.0	83.7	-59.9	359.9	-11992.7
4	14	61586.9	3039.7	146.0	-104.5	-627.8	13070.7
	114	-51524.9	-3039.7	-146.0	104.5	-627.8	13070.7
5	14	58099.6	63.0	2365.0	10.2	-10169.3	271.0
	114	-48037.6	-63.0	-2365.0	-10.2	-10169.3	271.0
6	14	58099.6	-31.5	-1182.3	-5.1	5083.8	-135.5
	114	-48037.6	31.5	1182.3	5.1	5083.8	-135.5
7	14	58099.6	-4648.3	-139.5	99.8	599.9	-19987.8
	114	-48037.6	4648.3	139.5	-99.8	599.9	-19987.8
8	14	58099.6	5066.2	243.3	-174.1	-1046.4	21784.5
	114	-48037.6	-5066.2	-243.3	174.1	-1046.4	21784.5
9	14	41383.6	-8250.7	14663.2	-347.7	-63051.6	-35477.9
	114	-33643.6	8250.7	-14663.2	347.7	-63051.6	-35477.9
10	14	41383.6	-7583.2	14146.6	18.5	-60830.3	-32607.8
	114	-33643.6	7583.2	-14146.6	-18.5	-60830.3	-32607.8
11	14	41383.6	-775.7	15672.1	-954.9	-67390.0	-3335.4
	114	-33643.6	775.7	-15672.1	954.9	-67390.0	-3335.4
12	14	41383.6	-108.2	15155.5	-588.7	-65168.6	-465.3
	114	-33643.6	108.2	-15155.5	588.7	-65168.6	-465.3
13	14	41383.6	3096.7	12707.6	955.9	-54642.8	13315.8
	114	-33643.6	-3096.7	-12707.6	-955.9	-54642.8	13315.8
14	14	41383.6	3764.2	12191.0	1322.1	-52421.4	16185.9
	114	-33643.6	-3764.2	-12191.0	-1322.1	-52421.4	16185.9
15	14	41383.6	10571.7	13716.5	348.8	-58981.1	45458.3
	114	-33643.6	-10571.7	-13716.5	-348.8	-58981.1	45458.3
16	14	41383.6	11239.2	13199.9	714.9	-56759.8	48328.4
	114	-33643.6	-11239.2	-13199.9	-714.9	-56759.8	48328.4
17	14	41383.6	-11239.2	-13199.9	-714.9	56759.8	-48328.4
	114	-33643.6	11239.2	13199.9	714.9	56759.8	-48328.4
18	14	41383.6	-10571.7	-13716.5	-348.8	58981.1	-45458.3
	114	-33643.6	10571.7	13716.5	348.8	58981.1	-45458.3
19	14	41383.6	-3764.2	-12191.0	-1322.1	52421.4	-16185.9
	114	-33643.6	3764.2	12191.0	1322.1	52421.4	-16185.9
20	14	41383.6	-3096.7	-12707.6	-955.9	54642.8	-13315.8
	114	-33643.6	3096.7	12707.6	955.9	54642.8	-13315.8
21	14	41383.6	108.2	-15155.5	588.7	65168.6	465.3
	114	-33643.6	-108.2	15155.5	-588.7	65168.6	465.3

22	14	41383.6	775.7	-15672.1	954.9	67390.0	3335.4
	114	-33643.6	-775.7	15672.1	-954.9	67390.0	3335.4
23	14	41383.6	7583.2	-14146.6	-18.5	60830.3	32607.8
	114	-33643.6	-7583.2	14146.6	18.5	60830.3	32607.8
24	14	41383.6	8250.7	-14663.2	347.7	63051.6	35477.9
	114	-33643.6	-8250.7	14663.2	-347.7	63051.6	35477.9
25	14	41383.6	-14824.6	3652.3	261.2	-15704.7	-63745.8
	114	-33643.6	14824.6	-3652.3	-261.2	-15704.7	-63745.8
26	14	41383.6	-11420.4	3065.6	652.3	-13182.1	-49107.7
	114	-33643.6	11420.4	-3065.6	-652.3	-13182.1	-49107.7
27	14	41383.6	-15721.2	-4706.7	151.1	20238.7	-67601.0
	114	-33643.6	15721.2	4706.7	-151.1	20238.7	-67601.0
28	14	41368.0	-12316.9	-5293.3	542.2	22761.3	-52962.9
	114	-33628.0	12316.9	5293.3	-542.2	22761.3	-52962.9
29	14	41383.6	-12599.7	1930.3	1481.8	-8300.2	-54178.8
	114	-33643.6	12599.7	-1930.3	-1481.8	-8300.2	-54178.8
30	14	41383.6	-9195.5	1343.6	1872.9	-5777.6	-39540.7
	114	-33643.6	9195.5	-1343.6	-1872.9	-5777.6	-39540.7
31	14	41383.6	-13496.3	-6428.7	1371.6	27643.2	-58034.0
	114	-33643.6	13496.3	6428.7	-1371.6	27643.2	-58034.0
32	14	41383.6	-10092.1	-7015.3	1762.7	30165.9	-43395.8
	114	-33643.6	10092.1	7015.3	-1762.7	30165.9	-43395.8
33	14	41383.6	10092.1	7015.3	-1762.7	-30165.9	43395.8
	114	-33643.6	-10092.1	-7015.3	1762.7	-30165.9	43395.8
34	14	41383.6	13496.3	6428.6	-1371.6	-27643.2	58034.0
	114	-33643.6	-13496.3	-6428.6	1371.6	-27643.2	58034.0
35	14	41383.6	9195.5	-1343.6	-1872.9	5777.6	39540.7
	114	-33643.6	-9195.5	1343.6	1872.9	5777.6	39540.7
36	14	41383.6	12599.7	-1930.3	-1481.8	8300.2	54178.8
	114	-33643.6	-12599.7	1930.3	1481.8	8300.2	54178.8
37	14	41383.6	12316.9	5293.3	-542.2	-22761.3	52962.9
	114	-33643.6	-12316.9	-5293.3	542.2	-22761.3	52962.9
38	14	41383.6	15721.2	4706.7	-151.1	-20238.7	67601.0
	114	-33643.6	-15721.2	-4706.7	151.1	-20238.7	67601.0
39	14	41383.6	11420.4	-3065.6	-652.3	13182.1	49107.7
	114	-33643.6	-11420.4	3065.6	652.3	13182.1	49107.7
40	14	41383.6	14824.6	-3652.3	-261.2	15704.8	63745.8
	114	-33643.6	-14824.6	3652.3	261.2	15704.8	63745.8
41	14	46033.3	25.2	946.0	4.1	-4067.7	108.4
	114	-38293.3	-25.2	-946.0	-4.1	-4067.7	108.4
42	14	46033.3	-12.6	-472.9	-2.0	2033.5	-54.2
	114	-38293.3	12.6	472.9	2.0	2033.5	-54.2
43	14	46033.3	-1859.3	-55.8	39.9	239.9	-7995.1
	114	-38293.3	1859.3	55.8	-39.9	239.9	-7995.1
44	14	46033.3	2026.5	97.3	-69.6	-418.6	8713.8
	114	-38293.3	-2026.5	-97.3	69.6	-418.6	8713.8
45	14	43708.5	42.0	1576.6	6.8	-6779.5	180.7
	114	-35968.5	-42.0	-1576.6	-6.8	-6779.5	180.7
46	14	43708.5	-21.0	-788.2	-3.4	3389.2	-90.3
	114	-35968.5	21.0	788.2	3.4	3389.2	-90.3
47	14	43708.5	-3098.9	-93.0	66.5	399.9	-13325.2
	114	-35968.5	3098.9	93.0	-66.5	399.9	-13325.2
48	14	43708.5	3377.4	162.2	-116.1	-697.6	14523.0
	114	-35968.5	-3377.4	-162.2	116.1	-697.6	14523.0
49	14	42313.6	0.0	0.0	0.0	0.0	0.0
	114	-34573.6	0.0	0.0	0.0	0.0	0.0
50	14	41383.6	8.4	315.3	1.4	-1355.9	36.1
	114	-33643.6	-8.4	-315.3	-1.4	-1355.9	36.1
51	14	41383.6	-4.2	-157.6	-0.7	677.8	-18.1
	114	-33643.6	4.2	157.6	0.7	677.8	-18.1
52	14	41383.6	-619.8	-18.6	13.3	80.0	-2665.0
	114	-33643.6	619.8	18.6	-13.3	80.0	-2665.0
53	14	41383.6	675.5	32.4	-23.2	-139.5	2904.6
	114	-33643.6	-675.5	-32.4	23.2	-139.5	2904.6
54	14	41383.6	0.0	0.0	0.0	0.0	0.0

	114	-33643.6	0.0	0.0	0.0	0.0	0.0
55	14	41383.6	-6807.3	12098.0	-286.9	-52021.2	-29271.3
	114	-33643.6	6807.3	-12098.0	286.9	-52021.2	-29271.3
56	14	41383.6	-6256.6	11671.7	15.2	-50188.5	-26903.3
	114	-33643.6	6256.6	-11671.7	-15.2	-50188.5	-26903.3
57	14	41383.6	-640.0	12930.4	-787.8	-55600.6	-2751.9
	114	-33643.6	640.0	-12930.4	787.8	-55600.6	-2751.9
58	14	41383.6	-89.3	12504.2	-485.7	-53767.9	-383.9
	114	-33643.6	89.3	-12504.2	485.7	-53767.9	-383.9
59	14	41383.6	2555.0	10484.5	788.7	-45083.4	10986.3
	114	-33643.6	-2555.0	-10484.5	-788.7	-45083.4	10986.3
60	14	41383.6	3105.7	10058.3	1090.8	-43250.7	13354.3
	114	-33643.6	-3105.7	-10058.3	-1090.8	-43250.7	13354.3
61	14	41368.0	8722.3	11316.9	287.7	-48662.8	37505.7
	114	-33628.0	-8722.3	-11316.9	-287.7	-48662.8	37505.7
62	14	41383.6	9273.0	10890.7	589.9	-46830.1	39873.7
	114	-33643.6	-9273.0	-10890.7	-589.9	-46830.1	39873.7
63	14	41383.6	-9273.0	-10890.7	-589.9	46830.1	-39873.7
	114	-33643.6	9273.0	10890.7	589.9	46830.1	-39873.7
64	14	41383.6	-8722.3	-11316.9	-287.7	48662.8	-37505.7
	114	-33643.6	8722.3	11316.9	287.7	48662.8	-37505.7
65	14	41383.6	-3105.7	-10058.3	-1090.8	43250.7	-13354.3
	114	-33643.6	3105.7	10058.3	1090.8	43250.7	-13354.3
66	14	41383.6	-2555.0	-10484.5	-788.7	45083.5	-10986.3
	114	-33643.6	2555.0	10484.5	788.7	45083.5	-10986.3
67	14	41383.6	89.3	-12504.2	485.7	53767.9	383.9
	114	-33643.6	-89.3	12504.2	-485.7	53767.9	383.9
68	14	41383.6	640.0	-12930.4	787.8	55600.6	2751.9
	114	-33643.6	-640.0	12930.4	-787.8	55600.6	2751.9
69	14	41383.6	6256.6	-11671.7	-15.2	50188.5	26903.3
	114	-33643.6	-6256.6	11671.7	15.2	50188.5	26903.3
70	14	41383.6	6807.3	-12098.0	286.9	52021.3	29271.3
	114	-33643.6	-6807.3	12098.0	-286.9	52021.3	29271.3
71	14	41368.0	-12231.2	3013.3	215.5	-12957.3	-52594.0
	114	-33628.0	12231.2	-3013.3	-215.5	-12957.3	-52594.0
72	14	41383.6	-9422.5	2529.3	538.2	-10876.0	-40516.7
	114	-33643.6	9422.5	-2529.3	-538.2	-10876.0	-40516.7
73	14	41383.6	-12970.9	-3883.3	124.6	16698.1	-55774.7
	114	-33643.6	12970.9	3883.3	-124.6	16698.1	-55774.7
74	14	41383.6	-10162.2	-4367.3	447.3	18779.4	-43697.4
	114	-33643.6	10162.2	4367.3	-447.3	18779.4	-43697.4
75	14	41383.6	-10395.5	1592.6	1222.5	-6848.2	-44700.6
	114	-33643.6	10395.5	-1592.6	-1222.5	-6848.2	-44700.6
76	14	41383.6	-7586.8	1108.6	1545.2	-4766.8	-32623.3
	114	-33643.6	7586.8	-1108.6	-1545.2	-4766.8	-32623.3
77	14	41383.6	-11135.2	-5304.0	1131.7	22807.2	-47881.4
	114	-33643.6	11135.2	5304.0	-1131.7	22807.2	-47881.4
78	14	41383.6	-8326.5	-5788.0	1454.3	24888.6	-35804.1
	114	-33643.6	8326.5	5788.0	-1454.3	24888.6	-35804.1
79	14	41383.6	8326.5	5788.0	-1454.3	-24888.6	35804.1
	114	-33643.6	-8326.5	-5788.0	1454.3	-24888.6	35804.1
80	14	41383.6	11135.2	5304.0	-1131.7	-22807.2	47881.4
	114	-33643.6	-11135.2	-5304.0	1131.7	-22807.2	47881.4
81	14	41383.6	7586.8	-1108.6	-1545.2	4766.8	32623.3
	114	-33643.6	-7586.8	1108.6	1545.2	4766.8	32623.3
82	14	41383.6	10395.5	-1592.6	-1222.5	6848.2	44700.6
	114	-33643.6	-10395.5	1592.6	1222.5	6848.2	44700.6
83	14	41383.6	10162.2	4367.3	-447.3	-18779.4	43697.4
	114	-33643.6	-10162.2	-4367.3	447.3	-18779.4	43697.4
84	14	41383.6	12970.9	3883.3	-124.6	-16698.1	55774.7
	114	-33643.6	-12970.9	-3883.3	124.6	-16698.1	55774.7
85	14	41383.6	9422.5	-2529.3	-538.2	10876.0	40516.7
	114	-33643.6	-9422.5	2529.3	538.2	10876.0	40516.7
86	14	41383.6	12231.2	-3013.3	-215.5	12957.3	52594.0
	114	-33643.6	-12231.2	3013.3	215.5	12957.3	52594.0

1	15	42292.1	-11.6	362.6	6.1	-3118.4	-99.4
	115	-32230.1	11.6	-362.6	-6.1	0.0	0.0
2	15	42292.1	5.8	-181.3	-3.1	1559.0	49.7
	115	-32230.1	-5.8	181.3	3.1	0.0	0.0
3	15	42292.1	-910.1	25.6	59.9	-220.0	-7826.7
	115	-32230.1	910.1	-25.6	-59.9	0.0	0.0
4	15	42292.1	1127.2	-44.6	-104.5	383.7	9693.8
	115	-32230.1	-1127.2	44.6	104.5	0.0	0.0
5	15	39476.3	-19.3	604.3	10.2	-5197.3	-165.6
	115	-29414.3	19.3	-604.3	-10.2	0.0	0.0
6	15	39476.3	9.6	-302.1	-5.1	2598.3	82.8
	115	-29414.3	-9.6	302.1	5.1	0.0	0.0
7	15	39476.3	-1516.8	42.6	99.8	-366.6	-13044.4
	115	-29414.3	1516.8	-42.6	-99.8	0.0	0.0
8	15	39476.3	1878.6	-74.4	-174.1	639.5	16156.3
	115	-29414.3	-1878.6	74.4	174.1	0.0	0.0
9	15	27695.0	-232.5	3626.2	-347.7	-31185.3	-1999.9
	115	-19955.0	232.5	-3626.2	347.7	0.0	0.0
10	15	27695.0	-495.4	3807.9	18.5	-32747.5	-4260.3
	115	-19955.0	495.4	-3807.9	-18.5	0.0	0.0
11	15	27695.0	2572.6	3343.8	-954.9	-28756.4	22124.2
	115	-19955.0	-2572.6	-3343.8	954.9	0.0	0.0
12	15	27695.0	2309.8	3525.4	-588.7	-30318.6	19863.9
	115	-19955.0	-2309.8	-3525.4	588.7	0.0	0.0
13	15	27695.0	-3143.8	3642.1	955.9	-31322.5	-27036.4
	115	-19955.0	3143.8	-3642.1	-955.9	0.0	0.0
14	15	27695.0	-3406.6	3823.8	1322.1	-32884.7	-29296.7
	115	-19955.0	3406.6	-3823.8	-1322.1	0.0	0.0
15	15	27695.0	-338.6	3359.7	348.8	-28893.6	-2912.3
	115	-19955.0	338.6	-3359.7	-348.8	0.0	0.0
16	15	27695.0	-601.5	3541.4	714.9	-30455.8	-5172.6
	115	-19955.0	601.5	-3541.4	-714.9	0.0	0.0
17	15	27695.0	601.5	-3541.4	-714.9	30455.8	5172.6
	115	-19955.0	-601.5	3541.4	714.9	0.0	0.0
18	15	27695.0	338.6	-3359.7	-348.8	28893.6	2912.2
	115	-19955.0	-338.6	3359.7	348.8	0.0	0.0
19	15	27695.0	3406.6	-3823.8	-1322.1	32884.7	29296.7
	115	-19955.0	-3406.6	3823.8	1322.1	0.0	0.0
20	15	27695.0	3143.8	-3642.1	-955.9	31322.5	27036.4
	115	-19955.0	-3143.8	3642.1	955.9	0.0	0.0
21	15	27695.0	-2309.8	-3525.4	588.7	30318.6	-19863.9
	115	-19955.0	2309.8	3525.4	-588.7	0.0	0.0
22	15	27695.0	-2572.6	-3343.8	954.9	28756.4	-22124.2
	115	-19955.0	2572.6	3343.8	-954.9	0.0	0.0
23	15	27695.0	495.4	-3807.9	-18.5	32747.5	4260.3
	115	-19955.0	-495.4	3807.9	18.5	0.0	0.0
24	15	27695.0	232.5	-3626.2	347.7	31185.3	1999.9
	115	-19955.0	-232.5	3626.2	-347.7	0.0	0.0
25	15	27695.0	-3925.6	1240.7	261.2	-10670.1	-33760.0
	115	-19955.0	3925.6	-1240.7	-261.2	0.0	0.0
26	15	27695.0	-4799.0	1245.5	652.3	-10711.2	-41271.0
	115	-19955.0	4799.0	-1245.5	-652.3	0.0	0.0
27	15	27695.0	-3675.4	-909.6	151.1	7822.3	-31608.3
	115	-19955.0	3675.4	909.6	-151.1	0.0	0.0
28	15	58612.7	-4548.7	-904.8	542.2	7781.1	-39119.2
	115	-50872.7	4548.7	904.8	-542.2	0.0	0.0
29	15	27695.0	-4801.7	1846.2	1481.8	-15877.5	-41294.6
	115	-19955.0	4801.7	-1846.2	-1481.8	0.0	0.0
30	15	27695.0	-5675.1	1851.0	1872.9	-15918.6	-48805.5
	115	-19955.0	5675.1	-1851.0	-1872.9	0.0	0.0
31	15	27695.0	-4551.5	-304.1	1371.6	2614.9	-39142.8
	115	-19955.0	4551.5	304.1	-1371.6	0.0	0.0
32	15	27695.0	-5424.9	-299.3	1762.7	2573.7	-46653.7
	115	-19955.0	5424.9	299.3	-1762.7	0.0	0.0

33	15	27695.0	5424.9	299.3	-1762.7	-2573.7	46653.7
	115	-19955.0	-5424.9	-299.3	1762.7	0.0	0.0
34	15	27695.0	4551.5	304.1	-1371.6	-2614.9	39142.8
	115	-19955.0	-4551.5	-304.1	1371.6	0.0	0.0
35	15	27695.0	5675.1	-1851.0	-1872.9	15918.6	48805.5
	115	-19955.0	-5675.1	1851.0	1872.9	0.0	0.0
36	15	27695.0	4801.7	-1846.2	-1481.8	15877.5	41294.5
	115	-19955.0	-4801.7	1846.2	1481.8	0.0	0.0
37	15	27695.0	4548.7	904.8	-542.2	-7781.1	39119.2
	115	-19955.0	-4548.7	-904.8	542.2	0.0	0.0
38	15	27695.0	3675.4	909.6	-151.1	-7822.3	31608.3
	115	-19955.0	-3675.4	-909.6	151.1	0.0	0.0
39	15	27695.0	4799.0	-1245.5	-652.3	10711.2	41271.0
	115	-19955.0	-4799.0	1245.5	652.3	0.0	0.0
40	15	27695.0	3925.6	-1240.7	-261.2	10670.1	33760.0
	115	-19955.0	-3925.6	1240.7	261.2	0.0	0.0
41	15	31449.4	-7.7	241.7	4.1	-2078.9	-66.3
	115	-23709.4	7.7	-241.7	-4.1	0.0	0.0
42	15	31449.4	3.9	-120.8	-2.0	1039.3	33.1
	115	-23709.4	-3.9	120.8	2.0	0.0	0.0
43	15	31449.4	-606.7	17.1	39.9	-146.7	-5217.8
	115	-23709.4	606.7	-17.1	-39.9	0.0	0.0
44	15	31449.4	751.5	-29.7	-69.6	255.8	6462.5
	115	-23709.4	-751.5	29.7	69.6	0.0	0.0
45	15	29572.2	-12.8	402.9	6.8	-3464.9	-110.4
	115	-21832.2	12.8	-402.9	-6.8	0.0	0.0
46	15	29572.2	6.4	-201.4	-3.4	1732.2	55.2
	115	-21832.2	-6.4	201.4	3.4	0.0	0.0
47	15	29572.2	-1011.2	28.4	66.5	-244.4	-8696.3
	115	-21832.2	1011.2	-28.4	-66.5	0.0	0.0
48	15	29572.2	1252.4	-49.6	-116.1	426.4	10770.9
	115	-21832.2	-1252.4	49.6	116.1	0.0	0.0
49	15	28445.9	0.0	0.0	0.0	0.0	0.0
	115	-20705.9	0.0	0.0	0.0	0.0	0.0
50	15	27695.0	-2.6	80.6	1.4	-693.0	-22.1
	115	-19955.0	2.6	-80.6	-1.4	0.0	0.0
51	15	27695.0	1.3	-40.3	-0.7	346.4	11.0
	115	-19955.0	-1.3	40.3	0.7	0.0	0.0
52	15	27695.0	-202.2	5.7	13.3	-48.9	-1739.3
	115	-19955.0	202.2	-5.7	-13.3	0.0	0.0
53	15	27695.0	250.5	-9.9	-23.2	85.3	2154.2
	115	-19955.0	-250.5	9.9	23.2	0.0	0.0
54	15	27695.0	0.0	0.0	0.0	0.0	0.0
	115	-19955.0	0.0	0.0	0.0	0.0	0.0
55	15	27695.0	-191.9	2991.8	-286.9	-25729.7	-1650.0
	115	-19955.0	191.9	-2991.8	286.9	0.0	0.0
56	15	27695.0	-408.7	3141.7	15.2	-27018.6	-3515.0
	115	-19955.0	408.7	-3141.7	-15.2	0.0	0.0
57	15	27695.0	2122.5	2758.8	-787.8	-23725.7	18253.8
	115	-19955.0	-2122.5	-2758.8	787.8	0.0	0.0
58	15	27695.0	1905.7	2908.7	-485.7	-25014.6	16388.8
	115	-19955.0	-1905.7	-2908.7	485.7	0.0	0.0
59	15	27695.0	-2593.8	3005.0	788.7	-25842.9	-22306.6
	115	-19955.0	2593.8	-3005.0	-788.7	0.0	0.0
60	15	27695.0	-2810.6	3154.9	1090.8	-27131.8	-24171.5
	115	-19955.0	2810.6	-3154.9	-1090.8	0.0	0.0
61	15	58612.7	-279.4	2772.0	287.7	-23838.9	-2402.8
	115	-50872.7	279.4	-2772.0	-287.7	0.0	0.0
62	15	27695.0	-496.2	2921.8	589.9	-25127.8	-4267.7
	115	-19955.0	496.2	-2921.8	-589.9	0.0	0.0
63	15	27695.0	496.2	-2921.8	-589.9	25127.8	4267.7
	115	-19955.0	-496.2	2921.8	589.9	0.0	0.0
64	15	27695.0	279.4	-2772.0	-287.7	23838.9	2402.8
	115	-19955.0	-279.4	2772.0	287.7	0.0	0.0
65	15	27695.0	2810.6	-3154.9	-1090.8	27131.8	24171.5

	115	-19955.0	-2810.6	3154.9	1090.8	0.0	0.0
66	15	27695.0	2593.8	-3005.0	-788.7	25842.9	22306.6
	115	-19955.0	-2593.8	3005.0	788.7	0.0	0.0
67	15	27695.0	-1905.7	-2908.7	485.7	25014.6	-16388.8
	115	-19955.0	1905.7	2908.7	-485.7	0.0	0.0
68	15	27695.0	-2122.5	-2758.8	787.8	23725.7	-18253.8
	115	-19955.0	2122.5	2758.8	-787.8	0.0	0.0
69	15	27695.0	408.7	-3141.7	-15.2	27018.6	3515.0
	115	-19955.0	-408.7	3141.7	15.2	0.0	0.0
70	15	27695.0	191.9	-2991.8	286.9	25729.7	1650.0
	115	-19955.0	-191.9	2991.8	-286.9	0.0	0.0
71	15	58612.7	-3238.8	1023.7	215.5	-8803.4	-27854.0
	115	-50872.7	3238.8	-1023.7	-215.5	0.0	0.0
72	15	27695.0	-3959.4	1027.6	538.2	-8837.4	-34050.9
	115	-19955.0	3959.4	-1027.6	-538.2	0.0	0.0
73	15	27695.0	-3032.4	-750.4	124.6	6453.8	-26078.7
	115	-19955.0	3032.4	750.4	-124.6	0.0	0.0
74	15	27695.0	-3753.0	-746.5	447.3	6419.9	-32275.6
	115	-19955.0	3753.0	746.5	-447.3	0.0	0.0
75	15	27695.0	-3961.7	1523.2	1222.5	-13099.8	-34070.4
	115	-19955.0	3961.7	-1523.2	-1222.5	0.0	0.0
76	15	27695.0	-4682.2	1527.2	1545.2	-13133.8	-40267.3
	115	-19955.0	4682.2	-1527.2	-1545.2	0.0	0.0
77	15	27695.0	-3755.2	-250.9	1131.7	2157.4	-32295.1
	115	-19955.0	3755.2	250.9	-1131.7	0.0	0.0
78	15	27695.0	-4475.8	-246.9	1454.3	2123.5	-38492.0
	115	-19955.0	4475.8	246.9	-1454.3	0.0	0.0
79	15	27695.0	4475.8	246.9	-1454.3	-2123.5	38492.0
	115	-19955.0	-4475.8	-246.9	1454.3	0.0	0.0
80	15	27695.0	3755.2	250.9	-1131.7	-2157.4	32295.1
	115	-19955.0	-3755.2	-250.9	1131.7	0.0	0.0
81	15	27695.0	4682.2	-1527.2	-1545.2	13133.8	40267.3
	115	-19955.0	-4682.2	1527.2	1545.2	0.0	0.0
82	15	27695.0	3961.7	-1523.2	-1222.5	13099.8	34070.4
	115	-19955.0	-3961.7	1523.2	1222.5	0.0	0.0
83	15	27695.0	3753.0	746.5	-447.3	-6419.9	32275.6
	115	-19955.0	-3753.0	-746.5	447.3	0.0	0.0
84	15	27695.0	3032.4	750.4	-124.6	-6453.8	26078.7
	115	-19955.0	-3032.4	-750.4	124.6	0.0	0.0
85	15	27695.0	3959.4	-1027.6	-538.2	8837.4	34050.9
	115	-19955.0	-3959.4	1027.6	538.2	0.0	0.0
86	15	27695.0	3238.8	-1023.7	-215.5	8803.4	27854.0
	115	-19955.0	-3238.8	1023.7	215.5	0.0	0.0
1	16	106060.5	-8.0	362.6	6.1	-3118.4	-69.2
	116	-95998.5	8.0	-362.6	-6.1	0.0	0.0
2	16	106060.5	4.0	-181.3	-3.1	1559.0	34.6
	116	-95998.5	-4.0	181.3	3.1	0.0	0.0
3	16	106060.5	-875.6	25.6	59.9	-220.0	-7530.3
	116	-95998.5	875.6	-25.6	-59.9	0.0	0.0
4	16	106060.5	1067.1	-44.6	-104.5	383.7	9176.9
	116	-95998.5	-1067.1	44.6	104.5	0.0	0.0
5	16	95497.4	-13.4	604.3	10.2	-5197.3	-115.3
	116	-85435.4	13.4	-604.3	-10.2	0.0	0.0
6	16	95497.4	6.7	-302.1	-5.1	2598.3	57.6
	116	-85435.4	-6.7	302.1	5.1	0.0	0.0
7	16	95497.4	-1459.4	42.6	99.8	-366.6	-12550.6
	116	-85435.4	1459.4	-42.6	-99.8	0.0	0.0
8	16	95497.4	1778.5	-74.4	-174.1	639.5	15294.8
	116	-85435.4	-1778.5	74.4	174.1	0.0	0.0
9	16	63438.1	-374.8	3626.2	-347.7	-31185.3	-3223.2
	116	-55698.1	374.8	-3626.2	347.7	0.0	0.0
10	16	63438.1	-451.4	3807.9	18.5	-32747.5	-3882.2
	116	-55698.1	451.4	-3807.9	-18.5	0.0	0.0
11	16	63438.1	2149.8	3343.8	-954.9	-28756.4	18488.5

	116	-55698.1	-2149.8	-3343.8	954.9	0.0	0.0
12	16	63438.1	2073.2	3525.4	-588.7	-30318.6	17829.5
	116	-55698.1	-2073.2	-3525.4	588.7	0.0	0.0
13	16	63438.1	-2744.3	3642.1	955.9	-31322.5	-23601.2
	116	-55698.1	2744.3	-3642.1	-955.9	0.0	0.0
14	16	63438.1	-2821.0	3823.8	1322.1	-32884.7	-24260.2
	116	-55698.1	2821.0	-3823.8	-1322.1	0.0	0.0
15	16	63438.1	-219.7	3359.7	348.8	-28893.6	-1889.5
	116	-55698.1	219.7	-3359.7	-348.8	0.0	0.0
16	16	63438.1	-296.3	3541.4	714.9	-30455.8	-2548.5
	116	-55698.1	296.3	-3541.4	-714.9	0.0	0.0
17	16	63438.1	296.3	-3541.4	-714.9	30455.8	2548.5
	116	-55698.1	-296.3	3541.4	714.9	0.0	0.0
18	16	63438.1	219.7	-3359.7	-348.8	28893.6	1889.5
	116	-55698.1	-219.7	3359.7	348.8	0.0	0.0
19	16	63438.1	2821.0	-3823.8	-1322.1	32884.7	24260.2
	116	-55698.1	-2821.0	3823.8	1322.1	0.0	0.0
20	16	63438.1	2744.3	-3642.1	-955.9	31322.5	23601.2
	116	-55698.1	-2744.3	3642.1	955.9	0.0	0.0
21	16	63438.1	-2073.2	-3525.4	588.7	30318.6	-17829.5
	116	-55698.1	2073.2	3525.4	-588.7	0.0	0.0
22	16	63438.1	-2149.8	-3343.8	954.9	28756.4	-18488.5
	116	-55698.1	2149.8	3343.8	-954.9	0.0	0.0
23	16	63438.1	451.4	-3807.9	-18.5	32747.5	3882.2
	116	-55698.1	-451.4	3807.9	18.5	0.0	0.0
24	16	63438.1	374.8	-3626.2	347.7	31185.3	3223.2
	116	-55698.1	-374.8	3626.2	-347.7	0.0	0.0
25	16	63438.1	-3825.2	1240.7	261.2	-10670.1	-32896.9
	116	-55698.1	3825.2	-1240.7	-261.2	0.0	0.0
26	16	63438.1	-4536.1	1245.5	652.3	-10711.2	-39010.3
	116	-55698.1	4536.1	-1245.5	-652.3	0.0	0.0
27	16	63438.1	-3623.9	-909.6	151.1	7822.3	-31165.4
	116	-55698.1	3623.9	909.6	-151.1	0.0	0.0
28	16	63384.8	-4334.7	-904.8	542.2	7781.1	-37278.8
	116	-55644.8	4334.7	904.8	-542.2	0.0	0.0
29	16	63438.1	-4080.6	1846.2	1481.8	-15877.5	-35093.6
	116	-55698.1	4080.6	-1846.2	-1481.8	0.0	0.0
30	16	63438.1	-4791.5	1851.0	1872.9	-15918.6	-41207.0
	116	-55698.1	4791.5	-1851.0	-1872.9	0.0	0.0
31	16	63438.1	-3879.3	-304.1	1371.6	2614.9	-33362.1
	116	-55698.1	3879.3	304.1	-1371.6	0.0	0.0
32	16	63438.1	-4590.2	-299.3	1762.7	2573.7	-39475.5
	116	-55698.1	4590.2	299.3	-1762.7	0.0	0.0
33	16	63438.1	4590.2	299.3	-1762.7	-2573.7	39475.5
	116	-55698.1	-4590.2	-299.3	1762.7	0.0	0.0
34	16	63438.1	3879.3	304.1	-1371.6	-2614.9	33362.1
	116	-55698.1	-3879.3	-304.1	1371.6	0.0	0.0
35	16	63438.1	4791.5	-1851.0	-1872.9	15918.6	41207.0
	116	-55698.1	-4791.5	1851.0	1872.9	0.0	0.0
36	16	63438.1	4080.6	-1846.2	-1481.8	15877.5	35093.6
	116	-55698.1	-4080.6	1846.2	1481.8	0.0	0.0
37	16	63438.1	4334.7	904.8	-542.2	-7781.1	37278.8
	116	-55698.1	-4334.7	-904.8	542.2	0.0	0.0
38	16	63438.1	3623.9	909.6	-151.1	-7822.3	31165.4
	116	-55698.1	-3623.9	-909.6	151.1	0.0	0.0
39	16	63438.1	4536.1	-1245.5	-652.3	10711.2	39010.3
	116	-55698.1	-4536.1	1245.5	652.3	0.0	0.0
40	16	63438.1	3825.2	-1240.7	-261.2	10670.1	32896.9
	116	-55698.1	-3825.2	1240.7	261.2	0.0	0.0
41	16	77522.3	-5.4	241.7	4.1	-2078.9	-46.1
	116	-69782.3	5.4	-241.7	-4.1	0.0	0.0
42	16	77522.3	2.7	-120.8	-2.0	1039.3	23.0
	116	-69782.3	-2.7	120.8	2.0	0.0	0.0
43	16	77522.3	-583.7	17.1	39.9	-146.7	-5020.2
	116	-69782.3	583.7	-17.1	-39.9	0.0	0.0

44	16	77522.3	711.4	-29.7	-69.6	255.8	6117.9
	116	-69782.3	-711.4	29.7	69.6	0.0	0.0
45	16	70480.2	-8.9	402.9	6.8	-3464.9	-76.8
	116	-62740.2	8.9	-402.9	-6.8	0.0	0.0
46	16	70480.2	4.5	-201.4	-3.4	1732.2	38.4
	116	-62740.2	-4.5	201.4	3.4	0.0	0.0
47	16	70480.2	-972.9	28.4	66.5	-244.4	-8367.0
	116	-62740.2	972.9	-28.4	-66.5	0.0	0.0
48	16	70480.2	1185.6	-49.6	-116.1	426.4	10196.5
	116	-62740.2	-1185.6	49.6	116.1	0.0	0.0
49	16	66255.0	0.0	0.0	0.0	0.0	0.0
	116	-58515.0	0.0	0.0	0.0	0.0	0.0
50	16	63438.1	-1.8	80.6	1.4	-693.0	-15.4
	116	-55698.1	1.8	-80.6	-1.4	0.0	0.0
51	16	63438.1	0.9	-40.3	-0.7	346.4	7.7
	116	-55698.1	-0.9	40.3	0.7	0.0	0.0
52	16	63438.1	-194.6	5.7	13.3	-48.9	-1673.4
	116	-55698.1	194.6	-5.7	-13.3	0.0	0.0
53	16	63438.1	237.1	-9.9	-23.2	85.3	2039.3
	116	-55698.1	-237.1	9.9	23.2	0.0	0.0
54	16	63438.1	0.0	0.0	0.0	0.0	0.0
	116	-55698.1	0.0	0.0	0.0	0.0	0.0
55	16	63438.1	-309.2	2991.8	-286.9	-25729.7	-2659.3
	116	-55698.1	309.2	-2991.8	286.9	0.0	0.0
56	16	63438.1	-372.4	3141.7	15.2	-27018.6	-3203.0
	116	-55698.1	372.4	-3141.7	-15.2	0.0	0.0
57	16	63438.1	1773.7	2758.8	-787.8	-23725.7	15254.1
	116	-55698.1	-1773.7	-2758.8	787.8	0.0	0.0
58	16	63438.1	1710.5	2908.7	-485.7	-25014.6	14710.4
	116	-55698.1	-1710.5	-2908.7	485.7	0.0	0.0
59	16	63438.1	-2264.2	3005.0	788.7	-25842.9	-19472.3
	116	-55698.1	2264.2	-3005.0	-788.7	0.0	0.0
60	16	63438.1	-2327.4	3154.9	1090.8	-27131.8	-20016.1
	116	-55698.1	2327.4	-3154.9	-1090.8	0.0	0.0
61	16	63384.8	-181.3	2772.0	287.7	-23838.9	-1558.9
	116	-55644.8	181.3	-2772.0	-287.7	0.0	0.0
62	16	63438.1	-244.5	2921.8	589.9	-25127.8	-2102.6
	116	-55698.1	244.5	-2921.8	-589.9	0.0	0.0
63	16	63438.1	244.5	-2921.8	-589.9	25127.8	2102.6
	116	-55698.1	-244.5	2921.8	589.9	0.0	0.0
64	16	63438.1	181.3	-2772.0	-287.7	23838.9	1558.9
	116	-55698.1	-181.3	2772.0	287.7	0.0	0.0
65	16	63438.1	2327.4	-3154.9	-1090.8	27131.8	20016.0
	116	-55698.1	-2327.4	3154.9	1090.8	0.0	0.0
66	16	63438.1	2264.2	-3005.0	-788.7	25842.9	19472.3
	116	-55698.1	-2264.2	3005.0	788.7	0.0	0.0
67	16	63438.1	-1710.5	-2908.7	485.7	25014.6	-14710.4
	116	-55698.1	1710.5	2908.7	-485.7	0.0	0.0
68	16	63438.1	-1773.7	-2758.8	787.8	23725.7	-15254.1
	116	-55698.1	1773.7	2758.8	-787.8	0.0	0.0
69	16	63438.1	372.4	-3141.7	-15.2	27018.6	3203.0
	116	-55698.1	-372.4	3141.7	15.2	0.0	0.0
70	16	63438.1	309.2	-2991.8	286.9	25729.7	2659.3
	116	-55698.1	-309.2	2991.8	-286.9	0.0	0.0
71	16	63384.8	-3156.0	1023.7	215.5	-8803.4	-27141.8
	116	-55644.8	3156.0	-1023.7	-215.5	0.0	0.0
72	16	63438.1	-3742.5	1027.6	538.2	-8837.4	-32185.7
	116	-55698.1	3742.5	-1027.6	-538.2	0.0	0.0
73	16	63438.1	-2989.9	-750.4	124.6	6453.8	-25713.3
	116	-55698.1	2989.9	750.4	-124.6	0.0	0.0
74	16	63438.1	-3576.4	-746.5	447.3	6419.9	-30757.2
	116	-55698.1	3576.4	746.5	-447.3	0.0	0.0
75	16	63438.1	-3366.8	1523.2	1222.5	-13099.8	-28954.2
	116	-55698.1	3366.8	-1523.2	-1222.5	0.0	0.0
76	16	63438.1	-3953.3	1527.2	1545.2	-13133.8	-33998.1

	116	-55698.1	3953.3	-1527.2	-1545.2	0.0	0.0
77	16	63438.1	-3200.7	-250.9	1131.7	2157.4	-27525.6
	116	-55698.1	3200.7	250.9	-1131.7	0.0	0.0
78	16	63438.1	-3787.2	-246.9	1454.3	2123.5	-32569.6
	116	-55698.1	3787.2	246.9	-1454.3	0.0	0.0
79	16	63438.1	3787.2	246.9	-1454.3	-2123.5	32569.6
	116	-55698.1	-3787.2	-246.9	1454.3	0.0	0.0
80	16	63438.1	3200.7	250.9	-1131.7	-2157.4	27525.6
	116	-55698.1	-3200.7	-250.9	1131.7	0.0	0.0
81	16	63438.1	3953.3	-1527.2	-1545.2	13133.8	33998.1
	116	-55698.1	-3953.3	1527.2	1545.2	0.0	0.0
82	16	63438.1	3366.8	-1523.2	-1222.5	13099.8	28954.2
	116	-55698.1	-3366.8	1523.2	1222.5	0.0	0.0
83	16	63438.1	3576.4	746.5	-447.3	-6419.9	30757.2
	116	-55698.1	-3576.4	-746.5	447.3	0.0	0.0
84	16	63438.1	2989.9	750.4	-124.6	-6453.8	25713.3
	116	-55698.1	-2989.9	-750.4	124.6	0.0	0.0
85	16	63438.1	3742.5	-1027.6	-538.2	8837.4	32185.7
	116	-55698.1	-3742.5	1027.6	538.2	0.0	0.0
86	16	63438.1	3156.0	-1023.7	-215.5	8803.4	27141.8
	116	-55698.1	-3156.0	1023.7	215.5	0.0	0.0
1	17	116308.6	-4.5	362.6	6.1	-3118.4	-38.9
	117	-106246.6	4.5	-362.6	-6.1	0.0	0.0
2	17	116308.6	2.3	-181.3	-3.1	1559.0	19.5
	117	-106246.6	-2.3	181.3	3.1	0.0	0.0
3	17	116308.6	-841.2	25.6	59.9	-220.0	-7234.0
	117	-106246.6	841.2	-25.6	-59.9	0.0	0.0
4	17	116308.6	1007.0	-44.6	-104.5	383.7	8660.0
	117	-106246.6	-1007.0	44.6	104.5	0.0	0.0
5	17	104130.6	-7.5	604.3	10.2	-5197.3	-64.9
	117	-94068.6	7.5	-604.3	-10.2	0.0	0.0
6	17	104130.6	3.8	-302.1	-5.1	2598.3	32.4
	117	-94068.6	-3.8	302.1	5.1	0.0	0.0
7	17	104130.6	-1401.9	42.6	99.8	-366.6	-12056.7
	117	-94068.6	1401.9	-42.6	-99.8	0.0	0.0
8	17	104130.6	1678.3	-74.4	-174.1	639.5	14433.3
	117	-94068.6	-1678.3	74.4	174.1	0.0	0.0
9	17	68547.0	-465.7	3626.2	-347.7	-31185.3	-4005.4
	117	-60807.0	465.7	-3626.2	347.7	0.0	0.0
10	17	68547.0	-376.2	3807.9	18.5	-32747.5	-3235.3
	117	-60807.0	376.2	-3807.9	-18.5	0.0	0.0
11	17	68547.0	1802.8	3343.8	-954.9	-28756.4	15503.8
	117	-60807.0	-1802.8	-3343.8	954.9	0.0	0.0
12	17	68547.0	1892.3	3525.4	-588.7	-30318.6	16273.9
	117	-60807.0	-1892.3	-3525.4	588.7	0.0	0.0
13	17	68547.0	-2435.3	3642.1	955.9	-31322.5	-20943.8
	117	-60807.0	2435.3	-3642.1	-955.9	0.0	0.0
14	17	68547.0	-2345.8	3823.8	1322.1	-32884.7	-20173.7
	117	-60807.0	2345.8	-3823.8	-1322.1	0.0	0.0
15	17	68547.0	-166.8	3359.7	348.8	-28893.6	-1434.6
	117	-60807.0	166.8	-3359.7	-348.8	0.0	0.0
16	17	68547.0	-77.3	3541.4	714.9	-30455.8	-664.5
	117	-60807.0	77.3	-3541.4	-714.9	0.0	0.0
17	17	68547.0	77.3	-3541.4	-714.9	30455.8	664.5
	117	-60807.0	-77.3	3541.4	714.9	0.0	0.0
18	17	68547.0	166.8	-3359.7	-348.8	28893.6	1434.6
	117	-60807.0	-166.8	3359.7	348.8	0.0	0.0
19	17	68547.0	2345.8	-3823.8	-1322.1	32884.7	20173.7
	117	-60807.0	-2345.8	3823.8	1322.1	0.0	0.0
20	17	68547.0	2435.3	-3642.1	-955.9	31322.5	20943.8
	117	-60807.0	-2435.3	3642.1	955.9	0.0	0.0
21	17	68547.0	-1892.3	-3525.4	588.7	30318.6	-16273.9
	117	-60807.0	1892.3	3525.4	-588.7	0.0	0.0
22	17	68547.0	-1802.8	-3343.8	954.9	28756.4	-15503.8

	117	-60807.0	1802.8	3343.8	-954.9	0.0	0.0
23	17	68547.0	376.2	-3807.9	-18.5	32747.5	3235.3
	117	-60807.0	-376.2	3807.9	18.5	0.0	0.0
24	17	68547.0	465.7	-3626.2	347.7	31185.3	4005.4
	117	-60807.0	-465.7	3626.2	-347.7	0.0	0.0
25	17	68547.0	-3716.1	1240.7	261.2	-10670.1	-31958.7
	117	-60807.0	3716.1	-1240.7	-261.2	0.0	0.0
26	17	68547.0	-4307.0	1245.5	652.3	-10711.2	-37040.2
	117	-60807.0	4307.0	-1245.5	-652.3	0.0	0.0
27	17	68547.0	-3553.2	-909.6	151.1	7822.3	-30557.7
	117	-60807.0	3553.2	909.6	-151.1	0.0	0.0
28	17	68561.9	-4144.1	-904.8	542.2	7781.1	-35639.2
	117	-60821.9	4144.1	904.8	-542.2	0.0	0.0
29	17	68547.0	-3417.6	1846.2	1481.8	-15877.5	-29391.7
	117	-60807.0	3417.6	-1846.2	-1481.8	0.0	0.0
30	17	68547.0	-4008.5	1851.0	1872.9	-15918.6	-34473.2
	117	-60807.0	4008.5	-1851.0	-1872.9	0.0	0.0
31	17	68547.0	-3254.7	-304.1	1371.6	2614.9	-27990.7
	117	-60807.0	3254.7	304.1	-1371.6	0.0	0.0
32	17	68547.0	-3845.6	-299.3	1762.7	2573.7	-33072.2
	117	-60807.0	3845.6	299.3	-1762.7	0.0	0.0
33	17	68547.0	3845.6	299.3	-1762.7	-2573.7	33072.2
	117	-60807.0	-3845.6	-299.3	1762.7	0.0	0.0
34	17	68547.0	3254.7	304.1	-1371.6	-2614.9	27990.7
	117	-60807.0	-3254.7	-304.1	1371.6	0.0	0.0
35	17	68547.0	4008.5	-1851.0	-1872.9	15918.6	34473.2
	117	-60807.0	-4008.5	1851.0	1872.9	0.0	0.0
36	17	68547.0	3417.6	-1846.2	-1481.8	15877.5	29391.7
	117	-60807.0	-3417.6	1846.2	1481.8	0.0	0.0
37	17	68547.0	4144.1	904.8	-542.2	-7781.1	35639.2
	117	-60807.0	-4144.1	-904.8	542.2	0.0	0.0
38	17	68547.0	3553.2	909.6	-151.1	-7822.3	30557.7
	117	-60807.0	-3553.2	-909.6	151.1	0.0	0.0
39	17	68547.0	4307.0	-1245.5	-652.3	10711.2	37040.2
	117	-60807.0	-4307.0	1245.5	652.3	0.0	0.0
40	17	68547.0	3716.1	-1240.7	-261.2	10670.1	31958.7
	117	-60807.0	-3716.1	1240.7	261.2	0.0	0.0
41	17	84784.3	-3.0	241.7	4.1	-2078.9	-25.9
	117	-77044.3	3.0	-241.7	-4.1	0.0	0.0
42	17	84784.3	1.5	-120.8	-2.0	1039.3	13.0
	117	-77044.3	-1.5	120.8	2.0	0.0	0.0
43	17	84784.3	-560.8	17.1	39.9	-146.7	-4822.7
	117	-77044.3	560.8	-17.1	-39.9	0.0	0.0
44	17	84784.3	671.3	-29.7	-69.6	255.8	5773.3
	117	-77044.3	-671.3	29.7	69.6	0.0	0.0
45	17	76665.6	-5.0	402.9	6.8	-3464.9	-43.2
	117	-68925.6	5.0	-402.9	-6.8	0.0	0.0
46	17	76665.6	2.5	-201.4	-3.4	1732.2	21.6
	117	-68925.6	-2.5	201.4	3.4	0.0	0.0
47	17	76665.6	-934.6	28.4	66.5	-244.4	-8037.8
	117	-68925.6	934.6	-28.4	-66.5	0.0	0.0
48	17	76665.6	1118.9	-49.6	-116.1	426.4	9622.2
	117	-68925.6	-1118.9	49.6	116.1	0.0	0.0
49	17	71794.4	0.0	0.0	0.0	0.0	0.0
	117	-64054.4	0.0	0.0	0.0	0.0	0.0
50	17	68547.0	-1.0	80.6	1.4	-693.0	-8.6
	117	-60807.0	1.0	-80.6	-1.4	0.0	0.0
51	17	68547.0	0.5	-40.3	-0.7	346.4	4.3
	117	-60807.0	-0.5	40.3	0.7	0.0	0.0
52	17	68547.0	-186.9	5.7	13.3	-48.9	-1607.6
	117	-60807.0	186.9	-5.7	-13.3	0.0	0.0
53	17	68547.0	223.8	-9.9	-23.2	85.3	1924.4
	117	-60807.0	-223.8	9.9	23.2	0.0	0.0
54	17	68547.0	0.0	0.0	0.0	0.0	0.0
	117	-60807.0	0.0	0.0	0.0	0.0	0.0

55	17	68547.0	-384.3	2991.8	-286.9	-25729.7	-3304.7
	117	-60807.0	384.3	-2991.8	286.9	0.0	0.0
56	17	68547.0	-310.4	3141.7	15.2	-27018.6	-2669.3
	117	-60807.0	310.4	-3141.7	-15.2	0.0	0.0
57	17	68547.0	1487.4	2758.8	-787.8	-23725.7	12791.5
	117	-60807.0	-1487.4	-2758.8	787.8	0.0	0.0
58	17	68547.0	1561.3	2908.7	-485.7	-25014.6	13426.9
	117	-60807.0	-1561.3	-2908.7	485.7	0.0	0.0
59	17	68547.0	-2009.3	3005.0	788.7	-25842.9	-17279.9
	117	-60807.0	2009.3	-3005.0	-788.7	0.0	0.0
60	17	68547.0	-1935.4	3154.9	1090.8	-27131.8	-16644.5
	117	-60807.0	1935.4	-3154.9	-1090.8	0.0	0.0
61	17	68561.9	-137.6	2772.0	287.7	-23838.9	-1183.6
	117	-60821.9	137.6	-2772.0	-287.7	0.0	0.0
62	17	68547.0	-63.7	2921.8	589.9	-25127.8	-548.2
	117	-60807.0	63.7	-2921.8	-589.9	0.0	0.0
63	17	68547.0	63.7	-2921.8	-589.9	25127.8	548.2
	117	-60807.0	-63.7	2921.8	589.9	0.0	0.0
64	17	68547.0	137.6	-2772.0	-287.7	23838.9	1183.6
	117	-60807.0	-137.6	2772.0	287.7	0.0	0.0
65	17	68547.0	1935.4	-3154.9	-1090.8	27131.8	16644.5
	117	-60807.0	-1935.4	3154.9	1090.8	0.0	0.0
66	17	68547.0	2009.3	-3005.0	-788.7	25842.9	17279.9
	117	-60807.0	-2009.3	3005.0	788.7	0.0	0.0
67	17	68547.0	-1561.3	-2908.7	485.7	25014.6	-13426.9
	117	-60807.0	1561.3	2908.7	-485.7	0.0	0.0
68	17	68547.0	-1487.4	-2758.8	787.8	23725.7	-12791.6
	117	-60807.0	1487.4	2758.8	-787.8	0.0	0.0
69	17	68547.0	310.4	-3141.7	-15.2	27018.6	2669.3
	117	-60807.0	-310.4	3141.7	15.2	0.0	0.0
70	17	68547.0	384.3	-2991.8	286.9	25729.7	3304.7
	117	-60807.0	-384.3	2991.8	-286.9	0.0	0.0
71	17	68561.9	-3066.0	1023.7	215.5	-8803.4	-26367.8
	117	-60821.9	3066.0	-1023.7	-215.5	0.0	0.0
72	17	68547.0	-3553.5	1027.6	538.2	-8837.4	-30560.3
	117	-60807.0	3553.5	-1027.6	-538.2	0.0	0.0
73	17	68547.0	-2931.6	-750.4	124.6	6453.8	-25211.9
	117	-60807.0	2931.6	750.4	-124.6	0.0	0.0
74	17	68547.0	-3419.1	-746.5	447.3	6419.9	-29404.4
	117	-60807.0	3419.1	746.5	-447.3	0.0	0.0
75	17	68547.0	-2819.7	1523.2	1222.5	-13099.8	-24249.8
	117	-60807.0	2819.7	-1523.2	-1222.5	0.0	0.0
76	17	68547.0	-3307.3	1527.2	1545.2	-13133.8	-28442.4
	117	-60807.0	3307.3	-1527.2	-1545.2	0.0	0.0
77	17	68547.0	-2685.3	-250.9	1131.7	2157.4	-23093.9
	117	-60807.0	2685.3	250.9	-1131.7	0.0	0.0
78	17	68547.0	-3172.8	-246.9	1454.3	2123.5	-27286.5
	117	-60807.0	3172.8	246.9	-1454.3	0.0	0.0
79	17	68547.0	3172.8	246.9	-1454.3	-2123.5	27286.5
	117	-60807.0	-3172.8	-246.9	1454.3	0.0	0.0
80	17	68547.0	2685.3	250.9	-1131.7	-2157.4	23093.9
	117	-60807.0	-2685.3	-250.9	1131.7	0.0	0.0
81	17	68547.0	3307.3	-1527.2	-1545.2	13133.8	28442.4
	117	-60807.0	-3307.3	1527.2	1545.2	0.0	0.0
82	17	68547.0	2819.7	-1523.2	-1222.5	13099.8	24249.8
	117	-60807.0	-2819.7	1523.2	1222.5	0.0	0.0
83	17	68547.0	3419.1	746.5	-447.3	-6419.9	29404.4
	117	-60807.0	-3419.1	-746.5	447.3	0.0	0.0
84	17	68547.0	2931.6	750.4	-124.6	-6453.8	25211.9
	117	-60807.0	-2931.6	-750.4	124.6	0.0	0.0
85	17	68547.0	3553.5	-1027.6	-538.2	8837.4	30560.3
	117	-60807.0	-3553.5	1027.6	538.2	0.0	0.0
86	17	68547.0	3066.0	-1023.7	-215.5	8803.4	26367.8
	117	-60807.0	-3066.0	1023.7	215.5	0.0	0.0

1	18	110324.2	-1.0	362.6	6.1	-3118.4	-8.7
	118	-100262.2	1.0	-362.6	-6.1	0.0	0.0
2	18	110324.2	0.5	-181.3	-3.1	1559.0	4.3
	118	-100262.2	-0.5	181.3	3.1	0.0	0.0
3	18	110324.2	-806.7	25.6	59.9	-220.0	-6937.7
	118	-100262.2	806.7	-25.6	-59.9	0.0	0.0
4	18	110324.2	946.9	-44.6	-104.5	383.7	8143.1
	118	-100262.2	-946.9	44.6	104.5	0.0	0.0
5	18	98918.5	-1.7	604.3	10.2	-5197.3	-14.5
	118	-88856.5	1.7	-604.3	-10.2	0.0	0.0
6	18	98918.5	0.8	-302.1	-5.1	2598.3	7.2
	118	-88856.5	-0.8	302.1	5.1	0.0	0.0
7	18	98918.5	-1344.5	42.6	99.8	-366.6	-11562.8
	118	-88856.5	1344.5	-42.6	-99.8	0.0	0.0
8	18	98918.5	1578.1	-74.4	-174.1	639.5	13571.9
	118	-88856.5	-1578.1	74.4	174.1	0.0	0.0
9	18	65270.4	-472.0	3626.2	-347.7	-31185.3	-4059.4
	118	-57530.4	472.0	-3626.2	347.7	0.0	0.0
10	18	65270.4	-251.6	3807.9	18.5	-32747.5	-2163.5
	118	-57530.4	251.6	-3807.9	-18.5	0.0	0.0
11	18	65270.4	1580.6	3343.8	-954.9	-28756.4	13592.9
	118	-57530.4	-1580.6	-3343.8	954.9	0.0	0.0
12	18	65270.4	1801.0	3525.4	-588.7	-30318.6	15488.8
	118	-57530.4	-1801.0	-3525.4	588.7	0.0	0.0
13	18	65270.4	-2279.9	3642.1	955.9	-31322.5	-19607.3
	118	-57530.4	2279.9	-3642.1	-955.9	0.0	0.0
14	18	65270.4	-2059.5	3823.8	1322.1	-32884.7	-17711.3
	118	-57530.4	2059.5	-3823.8	-1322.1	0.0	0.0
15	18	65270.4	-227.3	3359.7	348.8	-28893.6	-1955.0
	118	-57530.4	227.3	-3359.7	-348.8	0.0	0.0
16	18	65270.4	-6.9	3541.4	714.9	-30455.8	-59.0
	118	-57530.4	6.9	-3541.4	-714.9	0.0	0.0
17	18	65270.4	6.9	-3541.4	-714.9	30455.8	59.0
	118	-57530.4	-6.9	3541.4	714.9	0.0	0.0
18	18	65270.4	227.3	-3359.7	-348.8	28893.6	1955.0
	118	-57530.4	-227.3	3359.7	348.8	0.0	0.0
19	18	65270.4	2059.5	-3823.8	-1322.1	32884.7	17711.3
	118	-57530.4	-2059.5	3823.8	1322.1	0.0	0.0
20	18	65270.4	2279.9	-3642.1	-955.9	31322.5	19607.3
	118	-57530.4	-2279.9	3642.1	955.9	0.0	0.0
21	18	65270.4	-1801.0	-3525.4	588.7	30318.6	-15488.8
	118	-57530.4	1801.0	3525.4	-588.7	0.0	0.0
22	18	65270.4	-1580.6	-3343.8	954.9	28756.4	-13592.9
	118	-57530.4	1580.6	3343.8	-954.9	0.0	0.0
23	18	65270.4	251.6	-3807.9	-18.5	32747.5	2163.5
	118	-57530.4	-251.6	3807.9	18.5	0.0	0.0
24	18	65270.4	472.0	-3626.2	347.7	31185.3	4059.4
	118	-57530.4	-472.0	3626.2	-347.7	0.0	0.0
25	18	65270.4	-3589.1	1240.7	261.2	-10670.1	-30866.0
	118	-57530.4	3589.1	-1240.7	-261.2	0.0	0.0
26	18	65270.4	-4131.4	1245.5	652.3	-10711.2	-35530.4
	118	-57530.4	4131.4	-1245.5	-652.3	0.0	0.0
27	18	65270.4	-3445.4	-909.6	151.1	7822.3	-29630.5
	118	-57530.4	3445.4	909.6	-151.1	0.0	0.0
28	18	65282.2	-3987.8	-904.8	542.2	7781.1	-34294.8
	118	-57542.2	3987.8	904.8	-542.2	0.0	0.0
29	18	65270.4	-2854.2	1846.2	1481.8	-15877.5	-24546.2
	118	-57530.4	2854.2	-1846.2	-1481.8	0.0	0.0
30	18	65270.4	-3396.6	1851.0	1872.9	-15918.6	-29210.5
	118	-57530.4	3396.6	-1851.0	-1872.9	0.0	0.0
31	18	65270.4	-2710.5	-304.1	1371.6	2614.9	-23310.7
	118	-57530.4	2710.5	304.1	-1371.6	0.0	0.0
32	18	65270.4	-3252.9	-299.3	1762.7	2573.7	-27975.0
	118	-57530.4	3252.9	299.3	-1762.7	0.0	0.0
33	18	65270.4	3252.9	299.3	-1762.7	-2573.7	27975.0

	118	-57530.4	-3252.9	-299.3	1762.7	0.0	0.0
34	18	65270.4	2710.5	304.1	-1371.6	-2614.9	23310.7
	118	-57530.4	-2710.5	-304.1	1371.6	0.0	0.0
35	18	65270.4	3396.6	-1851.0	-1872.9	15918.6	29210.5
	118	-57530.4	-3396.6	1851.0	1872.9	0.0	0.0
36	18	65270.4	2854.2	-1846.2	-1481.8	15877.5	24546.2
	118	-57530.4	-2854.2	1846.2	1481.8	0.0	0.0
37	18	65270.4	3987.8	904.8	-542.2	-7781.1	34294.8
	118	-57530.4	-3987.8	-904.8	542.2	0.0	0.0
38	18	65270.4	3445.4	909.6	-151.1	-7822.3	29630.5
	118	-57530.4	-3445.4	-909.6	151.1	0.0	0.0
39	18	65270.4	4131.4	-1245.5	-652.3	10711.2	35530.4
	118	-57530.4	-4131.4	1245.5	652.3	0.0	0.0
40	18	65270.4	3589.1	-1240.7	-261.2	10670.1	30866.0
	118	-57530.4	-3589.1	1240.7	261.2	0.0	0.0
41	18	80478.0	-0.7	241.7	4.1	-2078.9	-5.8
	118	-72738.0	0.7	-241.7	-4.1	0.0	0.0
42	18	80478.0	0.3	-120.8	-2.0	1039.3	2.9
	118	-72738.0	-0.3	120.8	2.0	0.0	0.0
43	18	80478.0	-537.8	17.1	39.9	-146.7	-4625.1
	118	-72738.0	537.8	-17.1	-39.9	0.0	0.0
44	18	80478.0	631.2	-29.7	-69.6	255.8	5428.7
	118	-72738.0	-631.2	29.7	69.6	0.0	0.0
45	18	72874.2	-1.1	402.9	6.8	-3464.9	-9.7
	118	-65134.2	1.1	-402.9	-6.8	0.0	0.0
46	18	72874.2	0.6	-201.4	-3.4	1732.2	4.8
	118	-65134.2	-0.6	201.4	3.4	0.0	0.0
47	18	72874.2	-896.3	28.4	66.5	-244.4	-7708.5
	118	-65134.2	896.3	-28.4	-66.5	0.0	0.0
48	18	72874.2	1052.1	-49.6	-116.1	426.4	9047.9
	118	-65134.2	-1052.1	49.6	116.1	0.0	0.0
49	18	68311.9	0.0	0.0	0.0	0.0	0.0
	118	-60571.9	0.0	0.0	0.0	0.0	0.0
50	18	65270.4	-0.2	80.6	1.4	-693.0	-1.9
	118	-57530.4	0.2	-80.6	-1.4	0.0	0.0
51	18	65270.4	0.1	-40.3	-0.7	346.4	1.0
	118	-57530.4	-0.1	40.3	0.7	0.0	0.0
52	18	65270.4	-179.3	5.7	13.3	-48.9	-1541.7
	118	-57530.4	179.3	-5.7	-13.3	0.0	0.0
53	18	65270.4	210.4	-9.9	-23.2	85.3	1809.6
	118	-57530.4	-210.4	9.9	23.2	0.0	0.0
54	18	65270.4	0.0	0.0	0.0	0.0	0.0
	118	-57530.4	0.0	0.0	0.0	0.0	0.0
55	18	65270.4	-389.5	2991.8	-286.9	-25729.7	-3349.3
	118	-57530.4	389.5	-2991.8	286.9	0.0	0.0
56	18	65270.4	-207.6	3141.7	15.2	-27018.6	-1785.0
	118	-57530.4	207.6	-3141.7	-15.2	0.0	0.0
57	18	65270.4	1304.1	2758.8	-787.8	-23725.7	11214.9
	118	-57530.4	-1304.1	-2758.8	787.8	0.0	0.0
58	18	65270.4	1485.9	2908.7	-485.7	-25014.6	12779.2
	118	-57530.4	-1485.9	-2908.7	485.7	0.0	0.0
59	18	65270.4	-1881.1	3005.0	788.7	-25842.9	-16177.1
	118	-57530.4	1881.1	-3005.0	-788.7	0.0	0.0
60	18	65270.4	-1699.2	3154.9	1090.8	-27131.8	-14612.9
	118	-57530.4	1699.2	-3154.9	-1090.8	0.0	0.0
61	18	65282.2	-187.6	2772.0	287.7	-23838.9	-1613.0
	118	-57542.2	187.6	-2772.0	-287.7	0.0	0.0
62	18	65270.4	-5.7	2921.8	589.9	-25127.8	-48.7
	118	-57530.4	5.7	-2921.8	-589.9	0.0	0.0
63	18	65270.4	5.7	-2921.8	-589.9	25127.8	48.7
	118	-57530.4	-5.7	2921.8	589.9	0.0	0.0
64	18	65270.4	187.6	-2772.0	-287.7	23838.9	1613.0
	118	-57530.4	-187.6	2772.0	287.7	0.0	0.0
65	18	65270.4	1699.2	-3154.9	-1090.8	27131.8	14612.9
	118	-57530.4	-1699.2	3154.9	1090.8	0.0	0.0

66	18	65270.4	1881.1	-3005.0	-788.7	25842.9	16177.1
	118	-57530.4	-1881.1	3005.0	788.7	0.0	0.0
67	18	65270.4	-1485.9	-2908.7	485.7	25014.6	-12779.2
	118	-57530.4	1485.9	2908.7	-485.7	0.0	0.0
68	18	65270.4	-1304.1	-2758.8	787.8	23725.7	-11214.9
	118	-57530.4	1304.1	2758.8	-787.8	0.0	0.0
69	18	65270.4	207.6	-3141.7	-15.2	27018.6	1785.0
	118	-57530.4	-207.6	3141.7	15.2	0.0	0.0
70	18	65270.4	389.5	-2991.8	286.9	25729.7	3349.3
	118	-57530.4	-389.5	2991.8	-286.9	0.0	0.0
71	18	65282.2	-2961.2	1023.7	215.5	-8803.4	-25466.3
	118	-57542.2	2961.2	-1023.7	-215.5	0.0	0.0
72	18	65270.4	-3408.7	1027.6	538.2	-8837.4	-29314.6
	118	-57530.4	3408.7	-1027.6	-538.2	0.0	0.0
73	18	65270.4	-2842.7	-750.4	124.6	6453.8	-24446.9
	118	-57530.4	2842.7	750.4	-124.6	0.0	0.0
74	18	65270.4	-3290.1	-746.5	447.3	6419.9	-28295.2
	118	-57530.4	3290.1	746.5	-447.3	0.0	0.0
75	18	65270.4	-2354.9	1523.2	1222.5	-13099.8	-20252.0
	118	-57530.4	2354.9	-1523.2	-1222.5	0.0	0.0
76	18	65270.4	-2802.4	1527.2	1545.2	-13133.8	-24100.4
	118	-57530.4	2802.4	-1527.2	-1545.2	0.0	0.0
77	18	65270.4	-2236.4	-250.9	1131.7	2157.4	-19232.6
	118	-57530.4	2236.4	250.9	-1131.7	0.0	0.0
78	18	65270.4	-2683.8	-246.9	1454.3	2123.5	-23081.0
	118	-57530.4	2683.8	246.9	-1454.3	0.0	0.0
79	18	65270.4	2683.8	246.9	-1454.3	-2123.5	23081.0
	118	-57530.4	-2683.8	-246.9	1454.3	0.0	0.0
80	18	65270.4	2236.4	250.9	-1131.7	-2157.4	19232.6
	118	-57530.4	-2236.4	-250.9	1131.7	0.0	0.0
81	18	65270.4	2802.4	-1527.2	-1545.2	13133.8	24100.4
	118	-57530.4	-2802.4	1527.2	1545.2	0.0	0.0
82	18	65270.4	2354.9	-1523.2	-1222.5	13099.8	20252.0
	118	-57530.4	-2354.9	1523.2	1222.5	0.0	0.0
83	18	65270.4	3290.1	746.5	-447.3	-6419.9	28295.2
	118	-57530.4	-3290.1	-746.5	447.3	0.0	0.0
84	18	65270.4	2842.7	750.4	-124.6	-6453.8	24446.9
	118	-57530.4	-2842.7	-750.4	124.6	0.0	0.0
85	18	65270.4	3408.7	-1027.6	-538.2	8837.4	29314.6
	118	-57530.4	-3408.7	1027.6	538.2	0.0	0.0
86	18	65270.4	2961.2	-1023.7	-215.5	8803.4	25466.3
	118	-57530.4	-2961.2	1023.7	215.5	0.0	0.0
1	19	113158.6	2.5	362.6	6.1	-3118.4	21.5
	119	-103096.6	-2.5	-362.6	-6.1	0.0	0.0
2	19	113158.6	-1.3	-181.3	-3.1	1559.0	-10.8
	119	-103096.6	1.3	181.3	3.1	0.0	0.0
3	19	113158.6	-772.3	25.6	59.9	-220.0	-6641.4
	119	-103096.6	772.3	-25.6	-59.9	0.0	0.0
4	19	113158.6	886.8	-44.6	-104.5	383.7	7626.2
	119	-103096.6	-886.8	44.6	104.5	0.0	0.0
5	19	101387.2	4.2	604.3	10.2	-5197.3	35.9
	119	-91325.2	-4.2	-604.3	-10.2	0.0	0.0
6	19	101387.2	-2.1	-302.1	-5.1	2598.3	-18.0
	119	-91325.2	2.1	302.1	5.1	0.0	0.0
7	19	101387.2	-1287.1	42.6	99.8	-366.6	-11069.0
	119	-91325.2	1287.1	-42.6	-99.8	0.0	0.0
8	19	101387.2	1478.0	-74.4	-174.1	639.5	12710.4
	119	-91325.2	-1478.0	74.4	174.1	0.0	0.0
9	19	66822.4	-1817.5	3626.2	-347.7	-31185.3	-15630.7
	119	-59082.4	1817.5	-3626.2	347.7	0.0	0.0
10	19	66822.4	-1525.9	3807.9	18.5	-32747.5	-13122.6
	119	-59082.4	1525.9	-3807.9	-18.5	0.0	0.0
11	19	66822.4	84.4	3343.8	-954.9	-28756.4	725.4
	119	-59082.4	-84.4	-3343.8	954.9	0.0	0.0

12	19	66822.4	376.0	3525.4	-588.7	-30318.6	3233.5
	119	-59082.4	-376.0	-3525.4	588.7	0.0	0.0
13	19	66822.4	127.4	3642.1	955.9	-31322.5	1095.6
	119	-59082.4	-127.4	-3642.1	-955.9	0.0	0.0
14	19	66822.4	419.0	3823.8	1322.1	-32884.7	3603.8
	119	-59082.4	-419.0	-3823.8	-1322.1	0.0	0.0
15	19	66822.4	2029.3	3359.7	348.8	-28893.6	17451.8
	119	-59082.4	-2029.3	-3359.7	-348.8	0.0	0.0
16	19	66822.4	2320.9	3541.4	714.9	-30455.8	19959.9
	119	-59082.4	-2320.9	-3541.4	-714.9	0.0	0.0
17	19	66822.4	-2320.9	-3541.4	-714.9	30455.8	-19959.9
	119	-59082.4	2320.9	3541.4	714.9	0.0	0.0
18	19	66822.4	-2029.3	-3359.7	-348.8	28893.6	-17451.8
	119	-59082.4	2029.3	3359.7	348.8	0.0	0.0
19	19	66822.4	-419.0	-3823.8	-1322.1	32884.7	-3603.8
	119	-59082.4	419.0	3823.8	1322.1	0.0	0.0
20	19	66822.4	-127.4	-3642.1	-955.9	31322.5	-1095.6
	119	-59082.4	127.4	3642.1	955.9	0.0	0.0
21	19	66822.4	-376.0	-3525.4	588.7	30318.6	-3233.5
	119	-59082.4	376.0	3525.4	-588.7	0.0	0.0
22	19	66822.4	-84.4	-3343.8	954.9	28756.4	-725.4
	119	-59082.4	84.4	3343.8	-954.9	0.0	0.0
23	19	66822.4	1525.9	-3807.9	-18.5	32747.5	13122.6
	119	-59082.4	-1525.9	3807.9	18.5	0.0	0.0
24	19	66822.4	1817.5	-3626.2	347.7	31185.3	15630.7
	119	-59082.4	-1817.5	3626.2	-347.7	0.0	0.0
25	19	66822.4	-3872.1	1240.7	261.2	-10670.1	-33300.0
	119	-59082.4	3872.1	-1240.7	-261.2	0.0	0.0
26	19	66822.4	-3288.6	1245.5	652.3	-10711.2	-28282.1
	119	-59082.4	3288.6	-1245.5	-652.3	0.0	0.0
27	19	66822.4	-4023.1	-909.6	151.1	7822.3	-34598.8
	119	-59082.4	4023.1	909.6	-151.1	0.0	0.0
28	19	66836.1	-3439.6	-904.8	542.2	7781.1	-29580.9
	119	-59096.1	3439.6	904.8	-542.2	0.0	0.0
29	19	66822.4	-2900.0	1846.2	1481.8	-15877.5	-24939.7
	119	-59082.4	2900.0	-1846.2	-1481.8	0.0	0.0
30	19	66822.4	-2316.5	1851.0	1872.9	-15918.6	-19921.8
	119	-59082.4	2316.5	-1851.0	-1872.9	0.0	0.0
31	19	66822.4	-3051.0	-304.1	1371.6	2614.9	-26238.4
	119	-59082.4	3051.0	304.1	-1371.6	0.0	0.0
32	19	66822.4	-2467.5	-299.3	1762.7	2573.7	-21220.5
	119	-59082.4	2467.5	299.3	-1762.7	0.0	0.0
33	19	66822.4	2467.5	299.3	-1762.7	-2573.7	21220.5
	119	-59082.4	-2467.5	-299.3	1762.7	0.0	0.0
34	19	66822.4	3051.0	304.1	-1371.6	-2614.9	26238.4
	119	-59082.4	-3051.0	-304.1	1371.6	0.0	0.0
35	19	66822.4	2316.5	-1851.0	-1872.9	15918.6	19921.8
	119	-59082.4	-2316.5	1851.0	1872.9	0.0	0.0
36	19	66822.4	2900.0	-1846.2	-1481.8	15877.5	24939.7
	119	-59082.4	-2900.0	1846.2	1481.8	0.0	0.0
37	19	66822.4	3439.6	904.8	-542.2	-7781.1	29580.9
	119	-59082.4	-3439.6	-904.8	542.2	0.0	0.0
38	19	66822.4	4023.1	909.6	-151.1	-7822.3	34598.8
	119	-59082.4	-4023.1	-909.6	151.1	0.0	0.0
39	19	66822.4	3288.6	-1245.5	-652.3	10711.2	28282.1
	119	-59082.4	-3288.6	1245.5	652.3	0.0	0.0
40	19	66822.4	3872.1	-1240.7	-261.2	10670.1	33300.0
	119	-59082.4	-3872.1	1240.7	261.2	0.0	0.0
41	19	82517.6	1.7	241.7	4.1	-2078.9	14.4
	119	-74777.6	-1.7	-241.7	-4.1	0.0	0.0
42	19	82517.6	-0.8	-120.8	-2.0	1039.3	-7.2
	119	-74777.6	0.8	120.8	2.0	0.0	0.0
43	19	82517.6	-514.8	17.1	39.9	-146.7	-4427.6
	119	-74777.6	514.8	-17.1	-39.9	0.0	0.0
44	19	82517.6	591.2	-29.7	-69.6	255.8	5084.2

	119	-74777.6	-591.2	29.7	69.6	0.0	0.0
45	19	74670.0	2.8	402.9	6.8	-3464.9	23.9
	119	-66930.0	-2.8	-402.9	-6.8	0.0	0.0
46	19	74670.0	-1.4	-201.4	-3.4	1732.2	-12.0
	119	-66930.0	1.4	201.4	3.4	0.0	0.0
47	19	74670.0	-858.1	28.4	66.5	-244.4	-7379.3
	119	-66930.0	858.1	-28.4	-66.5	0.0	0.0
48	19	74670.0	985.3	-49.6	-116.1	426.4	8473.6
	119	-66930.0	-985.3	49.6	116.1	0.0	0.0
49	19	69961.4	0.0	0.0	0.0	0.0	0.0
	119	-62221.4	0.0	0.0	0.0	0.0	0.0
50	19	66822.4	0.6	80.6	1.4	-693.0	4.8
	119	-59082.4	-0.6	-80.6	-1.4	0.0	0.0
51	19	66822.4	-0.3	-40.3	-0.7	346.4	-2.4
	119	-59082.4	0.3	40.3	0.7	0.0	0.0
52	19	66822.4	-171.6	5.7	13.3	-48.9	-1475.9
	119	-59082.4	171.6	-5.7	-13.3	0.0	0.0
53	19	66822.4	197.1	-9.9	-23.2	85.3	1694.7
	119	-59082.4	-197.1	9.9	23.2	0.0	0.0
54	19	66822.4	0.0	0.0	0.0	0.0	0.0
	119	-59082.4	0.0	0.0	0.0	0.0	0.0
55	19	66822.4	-1499.6	2991.8	-286.9	-25729.7	-12896.3
	119	-59082.4	1499.6	-2991.8	286.9	0.0	0.0
56	19	66822.4	-1258.9	3141.7	15.2	-27018.6	-10826.9
	119	-59082.4	1258.9	-3141.7	-15.2	0.0	0.0
57	19	66822.4	69.6	2758.8	-787.8	-23725.7	598.5
	119	-59082.4	-69.6	-2758.8	787.8	0.0	0.0
58	19	66822.4	310.2	2908.7	-485.7	-25014.6	2667.9
	119	-59082.4	-310.2	-2908.7	485.7	0.0	0.0
59	19	66822.4	105.1	3005.0	788.7	-25842.9	904.0
	119	-59082.4	-105.1	-3005.0	-788.7	0.0	0.0
60	19	66822.4	345.7	3154.9	1090.8	-27131.8	2973.3
	119	-59082.4	-345.7	-3154.9	-1090.8	0.0	0.0
61	19	66836.1	1674.3	2772.0	287.7	-23838.9	14398.7
	119	-59096.1	-1674.3	-2772.0	-287.7	0.0	0.0
62	19	66822.4	1914.9	2921.8	589.9	-25127.8	16468.1
	119	-59082.4	-1914.9	-2921.8	-589.9	0.0	0.0
63	19	66822.4	-1914.9	-2921.8	-589.9	25127.8	-16468.1
	119	-59082.4	1914.9	2921.8	589.9	0.0	0.0
64	19	66822.4	-1674.3	-2772.0	-287.7	23838.9	-14398.7
	119	-59082.4	1674.3	2772.0	287.7	0.0	0.0
65	19	66822.4	-345.7	-3154.9	-1090.8	27131.8	-2973.3
	119	-59082.4	345.7	3154.9	1090.8	0.0	0.0
66	19	66822.4	-105.1	-3005.0	-788.7	25842.9	-904.0
	119	-59082.4	105.1	3005.0	788.7	0.0	0.0
67	19	66822.4	-310.2	-2908.7	485.7	25014.6	-2667.9
	119	-59082.4	310.2	2908.7	-485.7	0.0	0.0
68	19	66822.4	-69.6	-2758.8	787.8	23725.7	-598.5
	119	-59082.4	69.6	2758.8	-787.8	0.0	0.0
69	19	66822.4	1258.9	-3141.7	-15.2	27018.6	10826.9
	119	-59082.4	-1258.9	3141.7	15.2	0.0	0.0
70	19	66822.4	1499.6	-2991.8	286.9	25729.7	12896.3
	119	-59082.4	-1499.6	2991.8	-286.9	0.0	0.0
71	19	66836.1	-3194.7	1023.7	215.5	-8803.4	-27474.5
	119	-59096.1	3194.7	-1023.7	-215.5	0.0	0.0
72	19	66822.4	-2713.3	1027.6	538.2	-8837.4	-23334.4
	119	-59082.4	2713.3	-1027.6	-538.2	0.0	0.0
73	19	66822.4	-3319.3	-750.4	124.6	6453.8	-28546.0
	119	-59082.4	3319.3	750.4	-124.6	0.0	0.0
74	19	66822.4	-2837.9	-746.5	447.3	6419.9	-24405.9
	119	-59082.4	2837.9	746.5	-447.3	0.0	0.0
75	19	66822.4	-2392.6	1523.2	1222.5	-13099.8	-20576.7
	119	-59082.4	2392.6	-1523.2	-1222.5	0.0	0.0
76	19	66822.4	-1911.2	1527.2	1545.2	-13133.8	-16436.6
	119	-59082.4	1911.2	-1527.2	-1545.2	0.0	0.0

77	19	66822.4	-2517.2	-250.9	1131.7	2157.4	-21648.2
	119	-59082.4	2517.2	250.9	-1131.7	0.0	0.0
78	19	66822.4	-2035.8	-246.9	1454.3	2123.5	-17508.1
	119	-59082.4	2035.8	246.9	-1454.3	0.0	0.0
79	19	66822.4	2035.8	246.9	-1454.3	-2123.5	17508.1
	119	-59082.4	-2035.8	-246.9	1454.3	0.0	0.0
80	19	66822.4	2517.2	250.9	-1131.7	-2157.4	21648.2
	119	-59082.4	-2517.2	-250.9	1131.7	0.0	0.0
81	19	66822.4	1911.2	-1527.2	-1545.2	13133.8	16436.6
	119	-59082.4	-1911.2	1527.2	1545.2	0.0	0.0
82	19	66822.4	2392.6	-1523.2	-1222.5	13099.8	20576.7
	119	-59082.4	-2392.6	1523.2	1222.5	0.0	0.0
83	19	66822.4	2837.9	746.5	-447.3	-6419.9	24405.9
	119	-59082.4	-2837.9	-746.5	447.3	0.0	0.0
84	19	66822.4	3319.3	750.4	-124.6	-6453.8	28546.0
	119	-59082.4	-3319.3	-750.4	124.6	0.0	0.0
85	19	66822.4	2713.3	-1027.6	-538.2	8837.4	23334.4
	119	-59082.4	-2713.3	1027.6	538.2	0.0	0.0
86	19	66822.4	3194.7	-1023.7	-215.5	8803.4	27474.5
	119	-59082.4	-3194.7	1023.7	215.5	0.0	0.0
1	20	110483.4	6.0	362.6	6.1	-3118.4	51.8
	120	-100421.4	-6.0	-362.6	-6.1	0.0	0.0
2	20	110483.4	-3.0	-181.3	-3.1	1559.0	-25.9
	120	-100421.4	3.0	181.3	3.1	0.0	0.0
3	20	110483.4	-737.8	25.6	59.9	-220.0	-6345.1
	120	-100421.4	737.8	-25.6	-59.9	0.0	0.0
4	20	110483.4	826.7	-44.6	-104.5	383.7	7109.3
	120	-100421.4	-826.7	44.6	104.5	0.0	0.0
5	20	99271.1	10.0	604.3	10.2	-5197.3	86.3
	120	-89209.1	-10.0	-604.3	-10.2	0.0	0.0
6	20	99271.1	-5.0	-302.1	-5.1	2598.3	-43.1
	120	-89209.1	5.0	302.1	5.1	0.0	0.0
7	20	99271.1	-1229.7	42.6	99.8	-366.6	-10575.1
	120	-89209.1	1229.7	-42.6	-99.8	0.0	0.0
8	20	99271.1	1377.8	-74.4	-174.1	639.5	11848.9
	120	-89209.1	-1377.8	74.4	174.1	0.0	0.0
9	20	65725.1	-1921.8	3626.2	-347.7	-31185.3	-16527.4
	120	-57985.1	1921.8	-3626.2	347.7	0.0	0.0
10	20	65725.1	-1645.4	3807.9	18.5	-32747.5	-14150.4
	120	-57985.1	1645.4	-3807.9	-18.5	0.0	0.0
11	20	65725.1	-78.1	3343.8	-954.9	-28756.4	-671.8
	120	-57985.1	78.1	-3343.8	954.9	0.0	0.0
12	20	65725.1	198.3	3525.4	-588.7	-30318.6	1705.3
	120	-57985.1	-198.3	-3525.4	588.7	0.0	0.0
13	20	65725.1	406.9	3642.1	955.9	-31322.5	3499.5
	120	-57985.1	-406.9	-3642.1	-955.9	0.0	0.0
14	20	65725.1	683.3	3823.8	1322.1	-32884.7	5876.6
	120	-57985.1	-683.3	-3823.8	-1322.1	0.0	0.0
15	20	65725.1	2250.6	3359.7	348.8	-28893.6	19355.2
	120	-57985.1	-2250.6	-3359.7	-348.8	0.0	0.0
16	20	65725.1	2527.0	3541.4	714.9	-30455.8	21732.2
	120	-57985.1	-2527.0	-3541.4	-714.9	0.0	0.0
17	20	65725.1	-2527.0	-3541.4	-714.9	30455.8	-21732.2
	120	-57985.1	2527.0	3541.4	714.9	0.0	0.0
18	20	65725.1	-2250.6	-3359.7	-348.8	28893.6	-19355.2
	120	-57985.1	2250.6	3359.7	348.8	0.0	0.0
19	20	65725.1	-683.3	-3823.8	-1322.1	32884.7	-5876.6
	120	-57985.1	683.3	3823.8	1322.1	0.0	0.0
20	20	65725.1	-406.9	-3642.1	-955.9	31322.5	-3499.5
	120	-57985.1	406.9	3642.1	955.9	0.0	0.0
21	20	65725.1	-198.3	-3525.4	588.7	30318.6	-1705.3
	120	-57985.1	198.3	3525.4	-588.7	0.0	0.0
22	20	65725.1	78.1	-3343.8	954.9	28756.4	671.8
	120	-57985.1	-78.1	3343.8	-954.9	0.0	0.0

23	20	65725.1	1645.4	-3807.9	-18.5	32747.5	14150.4
	120	-57985.1	-1645.4	3807.9	18.5	0.0	0.0
24	20	65725.1	1921.8	-3626.2	347.7	31185.3	16527.4
	120	-57985.1	-1921.8	3626.2	-347.7	0.0	0.0
25	20	65725.1	-3792.0	1240.7	261.2	-10670.1	-32611.2
	120	-57985.1	3792.0	-1240.7	-261.2	0.0	0.0
26	20	65725.1	-3093.4	1245.5	652.3	-10711.2	-26603.1
	120	-57985.1	3093.4	-1245.5	-652.3	0.0	0.0
27	20	65725.1	-3973.6	-909.6	151.1	7822.3	-34172.6
	120	-57985.1	3973.6	909.6	-151.1	0.0	0.0
28	20	65739.4	-3274.9	-904.8	542.2	7781.1	-28164.6
	120	-57999.4	3274.9	904.8	-542.2	0.0	0.0
29	20	65725.1	-2870.7	1846.2	1481.8	-15877.5	-24687.7
	120	-57985.1	2870.7	-1846.2	-1481.8	0.0	0.0
30	20	65725.1	-2172.0	1851.0	1872.9	-15918.6	-18679.6
	120	-57985.1	2172.0	-1851.0	-1872.9	0.0	0.0
31	20	65725.1	-3052.2	-304.1	1371.6	2614.9	-26249.1
	120	-57985.1	3052.2	304.1	-1371.6	0.0	0.0
32	20	65725.1	-2353.6	-299.3	1762.7	2573.7	-20241.1
	120	-57985.1	2353.6	299.3	-1762.7	0.0	0.0
33	20	65725.1	2353.6	299.3	-1762.7	-2573.7	20241.1
	120	-57985.1	-2353.6	-299.3	1762.7	0.0	0.0
34	20	65725.1	3052.2	304.1	-1371.6	-2614.9	26249.1
	120	-57985.1	-3052.2	-304.1	1371.6	0.0	0.0
35	20	65725.1	2172.0	-1851.0	-1872.9	15918.6	18679.6
	120	-57985.1	-2172.0	1851.0	1872.9	0.0	0.0
36	20	65725.1	2870.7	-1846.2	-1481.8	15877.5	24687.7
	120	-57985.1	-2870.7	1846.2	1481.8	0.0	0.0
37	20	65725.1	3274.9	904.8	-542.2	-7781.1	28164.6
	120	-57985.1	-3274.9	-904.8	542.2	0.0	0.0
38	20	65725.1	3973.6	909.6	-151.1	-7822.3	34172.6
	120	-57985.1	-3973.6	-909.6	151.1	0.0	0.0
39	20	65725.1	3093.4	-1245.5	-652.3	10711.2	26603.1
	120	-57985.1	-3093.4	1245.5	652.3	0.0	0.0
40	20	65725.1	3792.0	-1240.7	-261.2	10670.1	32611.2
	120	-57985.1	-3792.0	1240.7	261.2	0.0	0.0
41	20	80674.8	4.0	241.7	4.1	-2078.9	34.5
	120	-72934.8	-4.0	-241.7	-4.1	0.0	0.0
42	20	80674.8	-2.0	-120.8	-2.0	1039.3	-17.3
	120	-72934.8	2.0	120.8	2.0	0.0	0.0
43	20	80674.8	-491.9	17.1	39.9	-146.7	-4230.0
	120	-72934.8	491.9	-17.1	-39.9	0.0	0.0
44	20	80674.8	551.1	-29.7	-69.6	255.8	4739.6
	120	-72934.8	-551.1	29.7	69.6	0.0	0.0
45	20	73200.0	6.7	402.9	6.8	-3464.9	57.5
	120	-65460.0	-6.7	-402.9	-6.8	0.0	0.0
46	20	73200.0	-3.3	-201.4	-3.4	1732.2	-28.8
	120	-65460.0	3.3	201.4	3.4	0.0	0.0
47	20	73200.0	-819.8	28.4	66.5	-244.4	-7050.1
	120	-65460.0	819.8	-28.4	-66.5	0.0	0.0
48	20	73200.0	918.5	-49.6	-116.1	426.4	7899.3
	120	-65460.0	-918.5	49.6	116.1	0.0	0.0
49	20	68715.0	0.0	0.0	0.0	0.0	0.0
	120	-60975.1	0.0	0.0	0.0	0.0	0.0
50	20	65725.1	1.3	80.6	1.4	-693.0	11.5
	120	-57985.1	-1.3	-80.6	-1.4	0.0	0.0
51	20	65725.1	-0.7	-40.3	-0.7	346.4	-5.8
	120	-57985.1	0.7	40.3	0.7	0.0	0.0
52	20	65725.1	-164.0	5.7	13.3	-48.9	-1410.0
	120	-57985.1	164.0	-5.7	-13.3	0.0	0.0
53	20	65725.1	183.7	-9.9	-23.2	85.3	1579.9
	120	-57985.1	-183.7	9.9	23.2	0.0	0.0
54	20	65725.1	0.0	0.0	0.0	0.0	0.0
	120	-57985.1	0.0	0.0	0.0	0.0	0.0
55	20	65725.1	-1585.6	2991.8	-286.9	-25729.7	-13636.1

	120	-57985.1	1585.6	-2991.8	286.9	0.0	0.0
56	20	65725.1	-1357.5	3141.7	15.2	-27018.6	-11674.9
	120	-57985.1	1357.5	-3141.7	-15.2	0.0	0.0
57	20	65725.1	-64.4	2758.8	-787.8	-23725.7	-554.2
	120	-57985.1	64.4	-2758.8	787.8	0.0	0.0
58	20	65725.1	163.6	2908.7	-485.7	-25014.6	1407.0
	120	-57985.1	-163.6	-2908.7	485.7	0.0	0.0
59	20	65725.1	335.7	3005.0	788.7	-25842.9	2887.3
	120	-57985.1	-335.7	-3005.0	-788.7	0.0	0.0
60	20	65725.1	563.8	3154.9	1090.8	-27131.8	4848.5
	120	-57985.1	-563.8	-3154.9	-1090.8	0.0	0.0
61	20	65739.4	1856.9	2772.0	287.7	-23838.9	15969.1
	120	-57999.4	-1856.9	-2772.0	-287.7	0.0	0.0
62	20	65725.1	2084.9	2921.8	589.9	-25127.8	17930.3
	120	-57985.1	-2084.9	-2921.8	-589.9	0.0	0.0
63	20	65725.1	-2084.9	-2921.8	-589.9	25127.8	-17930.3
	120	-57985.1	2084.9	2921.8	589.9	0.0	0.0
64	20	65725.1	-1856.9	-2772.0	-287.7	23838.9	-15969.1
	120	-57985.1	1856.9	2772.0	287.7	0.0	0.0
65	20	65725.1	-563.8	-3154.9	-1090.8	27131.8	-4848.5
	120	-57985.1	563.8	3154.9	1090.8	0.0	0.0
66	20	65725.1	-335.7	-3005.0	-788.7	25842.9	-2887.3
	120	-57985.1	335.7	3005.0	788.7	0.0	0.0
67	20	65725.1	-163.6	-2908.7	485.7	25014.6	-1407.0
	120	-57985.1	163.6	2908.7	-485.7	0.0	0.0
68	20	65725.1	64.4	-2758.8	787.8	23725.7	554.2
	120	-57985.1	-64.4	2758.8	-787.8	0.0	0.0
69	20	65725.1	1357.5	-3141.7	-15.2	27018.6	11674.9
	120	-57985.1	-1357.5	3141.7	15.2	0.0	0.0
70	20	65725.1	1585.6	-2991.8	286.9	25729.7	13636.1
	120	-57985.1	-1585.6	2991.8	-286.9	0.0	0.0
71	20	65739.4	-3128.6	1023.7	215.5	-8803.4	-26906.1
	120	-57999.4	3128.6	-1023.7	-215.5	0.0	0.0
72	20	65725.1	-2552.2	1027.6	538.2	-8837.4	-21949.1
	120	-57985.1	2552.2	-1027.6	-538.2	0.0	0.0
73	20	65725.1	-3278.4	-750.4	124.6	6453.8	-28194.4
	120	-57985.1	3278.4	750.4	-124.6	0.0	0.0
74	20	65725.1	-2702.0	-746.5	447.3	6419.9	-23237.4
	120	-57985.1	2702.0	746.5	-447.3	0.0	0.0
75	20	65725.1	-2368.5	1523.2	1222.5	-13099.8	-20368.8
	120	-57985.1	2368.5	-1523.2	-1222.5	0.0	0.0
76	20	65725.1	-1792.1	1527.2	1545.2	-13133.8	-15411.8
	120	-57985.1	1792.1	-1527.2	-1545.2	0.0	0.0
77	20	65725.1	-2518.3	-250.9	1131.7	2157.4	-21657.1
	120	-57985.1	2518.3	250.9	-1131.7	0.0	0.0
78	20	65725.1	-1941.9	-246.9	1454.3	2123.5	-16700.0
	120	-57985.1	1941.9	246.9	-1454.3	0.0	0.0
79	20	65725.1	1941.9	246.9	-1454.3	-2123.5	16700.0
	120	-57985.1	-1941.9	-246.9	1454.3	0.0	0.0
80	20	65725.1	2518.3	250.9	-1131.7	-2157.4	21657.1
	120	-57985.1	-2518.3	-250.9	1131.7	0.0	0.0
81	20	65725.1	1792.1	-1527.2	-1545.2	13133.8	15411.8
	120	-57985.1	-1792.1	1527.2	1545.2	0.0	0.0
82	20	65725.1	2368.5	-1523.2	-1222.5	13099.8	20368.8
	120	-57985.1	-2368.5	1523.2	1222.5	0.0	0.0
83	20	65725.1	2702.0	746.5	-447.3	-6419.9	23237.4
	120	-57985.1	-2702.0	-746.5	447.3	0.0	0.0
84	20	65725.1	3278.4	750.4	-124.6	-6453.8	28194.4
	120	-57985.1	-3278.4	-750.4	124.6	0.0	0.0
85	20	65725.1	2552.2	-1027.6	-538.2	8837.4	21949.1
	120	-57985.1	-2552.2	1027.6	538.2	0.0	0.0
86	20	65725.1	3128.6	-1023.7	-215.5	8803.4	26906.1
	120	-57985.1	-3128.6	1023.7	215.5	0.0	0.0
1	21	61586.9	9.5	362.6	6.1	-3118.4	82.0

	121	-51524.9	-9.5	-362.6	-6.1	0.0	0.0
2	21	61586.9	-4.8	-181.3	-3.1	1559.0	-41.0
	121	-51524.9	4.8	181.3	3.1	0.0	0.0
3	21	61586.9	-703.3	25.6	59.9	-220.0	-6048.7
	121	-51524.9	703.3	-25.6	-59.9	0.0	0.0
4	21	61586.9	766.6	-44.6	-104.5	383.7	6592.5
	121	-51524.9	-766.6	44.6	104.5	0.0	0.0
5	21	58099.6	15.9	604.3	10.2	-5197.3	136.7
	121	-48037.6	-15.9	-604.3	-10.2	0.0	0.0
6	21	58099.6	-7.9	-302.1	-5.1	2598.3	-68.3
	121	-48037.6	7.9	302.1	5.1	0.0	0.0
7	21	58099.6	-1172.2	42.6	99.8	-366.6	-10081.2
	121	-48037.6	1172.2	-42.6	-99.8	0.0	0.0
8	21	58099.6	1277.6	-74.4	-174.1	639.5	10987.4
	121	-48037.6	-1277.6	74.4	174.1	0.0	0.0
9	21	41383.6	-2080.7	3626.2	-347.7	-31185.3	-17893.9
	121	-33643.6	2080.7	-3626.2	347.7	0.0	0.0
10	21	41383.6	-1912.4	3807.9	18.5	-32747.5	-16446.3
	121	-33643.6	1912.4	-3807.9	-18.5	0.0	0.0
11	21	41383.6	-195.6	3343.8	-954.9	-28756.4	-1682.3
	121	-33643.6	195.6	-3343.8	954.9	0.0	0.0
12	21	41383.6	-27.3	3525.4	-588.7	-30318.6	-234.7
	121	-33643.6	27.3	-3525.4	588.7	0.0	0.0
13	21	41383.6	780.9	3642.1	955.9	-31322.5	6716.1
	121	-33643.6	-780.9	-3642.1	-955.9	0.0	0.0
14	21	41383.6	949.3	3823.8	1322.1	-32884.7	8163.7
	121	-33643.6	-949.3	-3823.8	-1322.1	0.0	0.0
15	21	41383.6	2666.0	3359.7	348.8	-28893.6	22927.7
	121	-33643.6	-2666.0	-3359.7	-348.8	0.0	0.0
16	21	41383.6	2834.3	3541.4	714.9	-30455.8	24375.3
	121	-33643.6	-2834.3	-3541.4	-714.9	0.0	0.0
17	21	41383.6	-2834.3	-3541.4	-714.9	30455.8	-24375.3
	121	-33643.6	2834.3	3541.4	714.9	0.0	0.0
18	21	41383.6	-2666.0	-3359.7	-348.8	28893.6	-22927.7
	121	-33643.6	2666.0	3359.7	348.8	0.0	0.0
19	21	41383.6	-949.3	-3823.8	-1322.1	32884.7	-8163.7
	121	-33643.6	949.3	3823.8	1322.1	0.0	0.0
20	21	41383.6	-780.9	-3642.1	-955.9	31322.5	-6716.1
	121	-33643.6	780.9	3642.1	955.9	0.0	0.0
21	21	41383.6	27.3	-3525.4	588.7	30318.6	234.7
	121	-33643.6	-27.3	3525.4	-588.7	0.0	0.0
22	21	41383.6	195.6	-3343.8	954.9	28756.4	1682.3
	121	-33643.6	-195.6	3343.8	-954.9	0.0	0.0
23	21	41383.6	1912.4	-3807.9	-18.5	32747.5	16446.3
	121	-33643.6	-1912.4	3807.9	18.5	0.0	0.0
24	21	41383.6	2080.7	-3626.2	347.7	31185.3	17893.9
	121	-33643.6	-2080.7	3626.2	-347.7	0.0	0.0
25	21	41383.6	-3738.5	1240.7	261.2	-10670.1	-32151.4
	121	-33643.6	3738.5	-1240.7	-261.2	0.0	0.0
26	21	41383.6	-2880.0	1245.5	652.3	-10711.2	-24768.4
	121	-33643.6	2880.0	-1245.5	-652.3	0.0	0.0
27	21	41383.6	-3964.6	-909.6	151.1	7822.3	-34095.8
	121	-33643.6	3964.6	909.6	-151.1	0.0	0.0
28	21	41368.0	-3106.1	-904.8	542.2	7781.1	-26712.8
	121	-33628.0	3106.1	904.8	-542.2	0.0	0.0
29	21	41383.6	-3177.4	1846.2	1481.8	-15877.5	-27326.1
	121	-33643.6	3177.4	-1846.2	-1481.8	0.0	0.0
30	21	41383.6	-2319.0	1851.0	1872.9	-15918.6	-19943.1
	121	-33643.6	2319.0	-1851.0	-1872.9	0.0	0.0
31	21	41383.6	-3403.5	-304.1	1371.6	2614.9	-29270.5
	121	-33643.6	3403.5	304.1	-1371.6	0.0	0.0
32	21	41383.6	-2545.1	-299.3	1762.7	2573.7	-21887.5
	121	-33643.6	2545.1	299.3	-1762.7	0.0	0.0
33	21	41383.6	2545.1	299.3	-1762.7	-2573.7	21887.5
	121	-33643.6	-2545.1	-299.3	1762.7	0.0	0.0

34	21	41383.6	3403.5	304.1	-1371.6	-2614.9	29270.5
	121	-33643.6	-3403.5	-304.1	1371.6	0.0	0.0
35	21	41383.6	2319.0	-1851.0	-1872.9	15918.6	19943.1
	121	-33643.6	-2319.0	1851.0	1872.9	0.0	0.0
36	21	41383.6	3177.4	-1846.2	-1481.8	15877.5	27326.1
	121	-33643.6	-3177.4	1846.2	1481.8	0.0	0.0
37	21	41383.6	3106.1	904.8	-542.2	-7781.1	26712.8
	121	-33643.6	-3106.1	-904.8	542.2	0.0	0.0
38	21	41383.6	3964.6	909.6	-151.1	-7822.3	34095.8
	121	-33643.6	-3964.6	-909.6	151.1	0.0	0.0
39	21	41383.6	2880.0	-1245.5	-652.3	10711.2	24768.4
	121	-33643.6	-2880.0	1245.5	652.3	0.0	0.0
40	21	41383.6	3738.5	-1240.7	-261.2	10670.1	32151.4
	121	-33643.6	-3738.5	1240.7	261.2	0.0	0.0
41	21	46033.3	6.4	241.7	4.1	-2078.9	54.7
	121	-38293.3	-6.4	-241.7	-4.1	0.0	0.0
42	21	46033.3	-3.2	-120.8	-2.0	1039.3	-27.3
	121	-38293.3	3.2	120.8	2.0	0.0	0.0
43	21	46033.3	-468.9	17.1	39.9	-146.7	-4032.5
	121	-38293.3	468.9	-17.1	-39.9	0.0	0.0
44	21	46033.3	511.0	-29.7	-69.6	255.8	4395.0
	121	-38293.3	-511.0	29.7	69.6	0.0	0.0
45	21	43708.5	10.6	402.9	6.8	-3464.9	91.1
	121	-35968.5	-10.6	-402.9	-6.8	0.0	0.0
46	21	43708.5	-5.3	-201.4	-3.4	1732.2	-45.6
	121	-35968.5	5.3	201.4	3.4	0.0	0.0
47	21	43708.5	-781.5	28.4	66.5	-244.4	-6720.8
	121	-35968.5	781.5	-28.4	-66.5	0.0	0.0
48	21	43708.5	851.7	-49.6	-116.1	426.4	7324.9
	121	-35968.5	-851.7	49.6	116.1	0.0	0.0
49	21	42313.6	0.0	0.0	0.0	0.0	0.0
	121	-34573.6	0.0	0.0	0.0	0.0	0.0
50	21	41383.6	2.1	80.6	1.4	-693.0	18.2
	121	-33643.6	-2.1	-80.6	-1.4	0.0	0.0
51	21	41383.6	-1.1	-40.3	-0.7	346.4	-9.1
	121	-33643.6	1.1	40.3	0.7	0.0	0.0
52	21	41383.6	-156.3	5.7	13.3	-48.9	-1344.2
	121	-33643.6	156.3	-5.7	-13.3	0.0	0.0
53	21	41383.6	170.3	-9.9	-23.2	85.3	1465.0
	121	-33643.6	-170.3	9.9	23.2	0.0	0.0
54	21	41383.6	0.0	0.0	0.0	0.0	0.0
	121	-33643.6	0.0	0.0	0.0	0.0	0.0
55	21	41383.6	-1716.7	2991.8	-286.9	-25729.7	-14763.5
	121	-33643.6	1716.7	-2991.8	286.9	0.0	0.0
56	21	41383.6	-1577.8	3141.7	15.2	-27018.6	-13569.2
	121	-33643.6	1577.8	-3141.7	-15.2	0.0	0.0
57	21	41383.6	-161.4	2758.8	-787.8	-23725.7	-1388.0
	121	-33643.6	161.4	-2758.8	787.8	0.0	0.0
58	21	41383.6	-22.5	2908.7	-485.7	-25014.6	-193.6
	121	-33643.6	22.5	-2908.7	485.7	0.0	0.0
59	21	41383.6	644.3	3005.0	788.7	-25842.9	5541.1
	121	-33643.6	-644.3	-3005.0	-788.7	0.0	0.0
60	21	41383.6	783.2	3154.9	1090.8	-27131.8	6735.5
	121	-33643.6	-783.2	-3154.9	-1090.8	0.0	0.0
61	21	41368.0	2199.6	2772.0	287.7	-23838.9	18916.7
	121	-33628.0	-2199.6	-2772.0	-287.7	0.0	0.0
62	21	41383.6	2338.5	2921.8	589.9	-25127.8	20111.0
	121	-33643.6	-2338.5	-2921.8	-589.9	0.0	0.0
63	21	41383.6	-2338.5	-2921.8	-589.9	25127.8	-20111.0
	121	-33643.6	2338.5	2921.8	589.9	0.0	0.0
64	21	41383.6	-2199.6	-2772.0	-287.7	23838.9	-18916.7
	121	-33643.6	2199.6	2772.0	287.7	0.0	0.0
65	21	41383.6	-783.2	-3154.9	-1090.8	27131.8	-6735.5
	121	-33643.6	783.2	3154.9	1090.8	0.0	0.0
66	21	41383.6	-644.3	-3005.0	-788.7	25842.9	-5541.1

	121	-33643.6	644.3	3005.0	788.7	0.0	0.0
67	21	41383.6	22.5	-2908.7	485.7	25014.6	193.6
	121	-33643.6	-22.5	2908.7	-485.7	0.0	0.0
68	21	41383.6	161.4	-2758.8	787.8	23725.7	1388.0
	121	-33643.6	-161.4	2758.8	-787.8	0.0	0.0
69	21	41383.6	1577.8	-3141.7	-15.2	27018.6	13569.2
	121	-33643.6	-1577.8	3141.7	15.2	0.0	0.0
70	21	41383.6	1716.7	-2991.8	286.9	25729.7	14763.5
	121	-33643.6	-1716.7	2991.8	-286.9	0.0	0.0
71	21	41368.0	-3084.5	1023.7	215.5	-8803.4	-26526.7
	121	-33628.0	3084.5	-1023.7	-215.5	0.0	0.0
72	21	41383.6	-2376.2	1027.6	538.2	-8837.4	-20435.3
	121	-33643.6	2376.2	-1027.6	-538.2	0.0	0.0
73	21	41383.6	-3271.0	-750.4	124.6	6453.8	-28131.0
	121	-33643.6	3271.0	750.4	-124.6	0.0	0.0
74	21	41383.6	-2562.7	-746.5	447.3	6419.9	-22039.6
	121	-33643.6	2562.7	746.5	-447.3	0.0	0.0
75	21	41383.6	-2621.6	1523.2	1222.5	-13099.8	-22545.6
	121	-33643.6	2621.6	-1523.2	-1222.5	0.0	0.0
76	21	41383.6	-1913.3	1527.2	1545.2	-13133.8	-16454.2
	121	-33643.6	1913.3	-1527.2	-1545.2	0.0	0.0
77	21	41383.6	-2808.1	-250.9	1131.7	2157.4	-24149.8
	121	-33643.6	2808.1	250.9	-1131.7	0.0	0.0
78	21	41383.6	-2099.8	-246.9	1454.3	2123.5	-18058.4
	121	-33643.6	2099.8	246.9	-1454.3	0.0	0.0
79	21	41383.6	2099.8	246.9	-1454.3	-2123.5	18058.4
	121	-33643.6	-2099.8	-246.9	1454.3	0.0	0.0
80	21	41383.6	2808.1	250.9	-1131.7	-2157.4	24149.8
	121	-33643.6	-2808.1	-250.9	1131.7	0.0	0.0
81	21	41383.6	1913.3	-1527.2	-1545.2	13133.8	16454.2
	121	-33643.6	-1913.3	1527.2	1545.2	0.0	0.0
82	21	41383.6	2621.6	-1523.2	-1222.5	13099.8	22545.6
	121	-33643.6	-2621.6	1523.2	1222.5	0.0	0.0
83	21	41383.6	2562.7	746.5	-447.3	-6419.9	22039.6
	121	-33643.6	-2562.7	-746.5	447.3	0.0	0.0
84	21	41383.6	3271.0	750.4	-124.6	-6453.8	28131.0
	121	-33643.6	-3271.0	-750.4	124.6	0.0	0.0
85	21	41383.6	2376.2	-1027.6	-538.2	8837.4	20435.3
	121	-33643.6	-2376.2	1027.6	538.2	0.0	0.0
86	21	41383.6	3084.5	-1023.7	-215.5	8803.4	26526.7
	121	-33643.6	-3084.5	1023.7	215.5	0.0	0.0
1	22	28372.6	-11.6	367.4	6.1	-3159.4	-99.4
	122	-18310.6	11.6	-367.4	-6.1	0.0	0.0
2	22	28372.6	5.8	-183.7	-3.1	1579.4	49.7
	122	-18310.6	-5.8	183.7	3.1	0.0	0.0
3	22	28372.6	-910.1	72.3	59.9	-621.7	-7826.7
	122	-18310.6	910.1	-72.3	-59.9	0.0	0.0
4	22	28372.6	1127.2	-126.1	-104.5	1084.5	9693.8
	122	-18310.6	-1127.2	126.1	104.5	0.0	0.0
5	22	26964.2	-19.3	612.3	10.2	-5265.7	-165.6
	122	-16902.2	19.3	-612.3	-10.2	0.0	0.0
6	22	26964.2	9.6	-306.1	-5.1	2632.4	82.8
	122	-16902.2	-9.6	306.1	5.1	0.0	0.0
7	22	26964.2	-1516.8	120.5	99.8	-1036.2	-13044.4
	122	-16902.2	1516.8	-120.5	-99.8	0.0	0.0
8	22	26964.2	1878.6	-210.2	-174.1	1807.6	16156.3
	122	-16902.2	-1878.6	210.2	174.1	0.0	0.0
9	22	19405.4	-232.5	3558.3	-347.7	-30601.2	-1999.9
	122	-11665.4	232.5	-3558.3	347.7	0.0	0.0
10	22	19405.4	-495.4	4019.9	18.5	-34571.3	-4260.3
	122	-11665.4	495.4	-4019.9	-18.5	0.0	0.0
11	22	19405.4	2572.6	2821.7	-954.9	-24266.7	22124.2
	122	-11665.4	-2572.6	-2821.7	954.9	0.0	0.0
12	22	19405.4	2309.8	3283.4	-588.7	-28236.8	19863.9

	122	-11665.4	-2309.8	-3283.4	588.7	0.0	0.0
13	22	19405.4	-3143.8	4135.0	955.9	-35561.4	-27036.4
	122	-11665.4	3143.8	-4135.0	-955.9	0.0	0.0
14	22	19405.4	-3406.6	4596.7	1322.1	-39531.5	-29296.7
	122	-11665.4	3406.6	-4596.7	-1322.1	0.0	0.0
15	22	19405.4	-338.6	3398.5	348.8	-29226.9	-2912.3
	122	-11665.4	338.6	-3398.5	-348.8	0.0	0.0
16	22	19405.4	-601.5	3860.1	714.9	-33197.0	-5172.6
	122	-11665.4	601.5	-3860.1	-714.9	0.0	0.0
17	22	19405.4	601.5	-3860.1	-714.9	33197.0	5172.6
	122	-11665.4	-601.5	3860.1	714.9	0.0	0.0
18	22	19405.4	338.6	-3398.5	-348.8	29226.9	2912.2
	122	-11665.4	-338.6	3398.5	348.8	0.0	0.0
19	22	19405.4	3406.6	-4596.7	-1322.1	39531.4	29296.7
	122	-11665.4	-3406.6	4596.7	1322.1	0.0	0.0
20	22	19405.4	3143.8	-4135.0	-955.9	35561.4	27036.4
	122	-11665.4	-3143.8	4135.0	955.9	0.0	0.0
21	22	19405.4	-2309.8	-3283.4	588.7	28236.8	-19863.9
	122	-11665.4	2309.8	3283.4	-588.7	0.0	0.0
22	22	19405.4	-2572.6	-2821.7	954.9	24266.7	-22124.2
	122	-11665.4	2572.6	2821.7	-954.9	0.0	0.0
23	22	19405.4	495.4	-4019.9	-18.5	34571.3	4260.3
	122	-11665.4	-495.4	4019.9	18.5	0.0	0.0
24	22	19405.4	232.5	-3558.3	347.7	30601.2	1999.9
	122	-11665.4	-232.5	3558.3	-347.7	0.0	0.0
25	22	19405.4	-3925.6	1484.5	261.2	-12766.3	-33760.0
	122	-11665.4	3925.6	-1484.5	-261.2	0.0	0.0
26	22	19405.4	-4799.0	1657.5	652.3	-14254.4	-41271.0
	122	-11665.4	4799.0	-1657.5	-652.3	0.0	0.0
27	22	19405.4	-3675.4	-741.1	151.1	6373.2	-31608.3
	122	-11665.4	3675.4	741.1	-151.1	0.0	0.0
28	22	46247.7	-4548.7	-568.0	542.2	4885.1	-39119.2
	122	-38507.8	4548.7	568.0	-542.2	0.0	0.0
29	22	19405.4	-4801.7	3023.2	1481.8	-25999.9	-41294.6
	122	-11665.4	4801.7	-3023.2	-1481.8	0.0	0.0
30	22	19405.4	-5675.1	3196.3	1872.9	-27488.0	-48805.5
	122	-11665.4	5675.1	-3196.3	-1872.9	0.0	0.0
31	22	19405.4	-4551.5	797.7	1371.6	-6860.5	-39142.8
	122	-11665.4	4551.5	-797.7	-1371.6	0.0	0.0
32	22	19405.4	-5424.9	970.8	1762.7	-8348.5	-46653.7
	122	-11665.4	5424.9	-970.8	-1762.7	0.0	0.0
33	22	19405.4	5424.9	-970.8	-1762.7	8348.5	46653.7
	122	-11665.4	-5424.9	970.8	1762.7	0.0	0.0
34	22	19405.4	4551.5	-797.7	-1371.6	6860.5	39142.8
	122	-11665.4	-4551.5	797.7	1371.6	0.0	0.0
35	22	19405.4	5675.1	-3196.3	-1872.9	27488.0	48805.5
	122	-11665.4	-5675.1	3196.3	1872.9	0.0	0.0
36	22	19405.4	4801.7	-3023.2	-1481.8	25999.9	41294.5
	122	-11665.4	-4801.7	3023.2	1481.8	0.0	0.0
37	22	19405.4	4548.7	568.0	-542.2	-4885.1	39119.2
	122	-11665.4	-4548.7	-568.0	542.2	0.0	0.0
38	22	19405.4	3675.4	741.1	-151.1	-6373.1	31608.3
	122	-11665.4	-3675.4	-741.1	151.1	0.0	0.0
39	22	19405.4	4799.0	-1657.5	-652.3	14254.4	41271.0
	122	-11665.4	-4799.0	1657.5	652.3	0.0	0.0
40	22	19405.4	3925.6	-1484.5	-261.2	12766.3	33760.0
	122	-11665.4	-3925.6	1484.5	261.2	0.0	0.0
41	22	21283.4	-7.7	244.9	4.1	-2106.3	-66.3
	122	-13543.4	7.7	-244.9	-4.1	0.0	0.0
42	22	21283.4	3.9	-122.4	-2.0	1053.0	33.1
	122	-13543.4	-3.9	122.4	2.0	0.0	0.0
43	22	21283.4	-606.7	48.2	39.9	-414.5	-5217.8
	122	-13543.4	606.7	-48.2	-39.9	0.0	0.0
44	22	21283.4	751.5	-84.1	-69.6	723.0	6462.5
	122	-13543.4	-751.5	84.1	69.6	0.0	0.0

45	22	20344.4	-12.8	408.2	6.8	-3510.4	-110.4
	122	-12604.4	12.8	-408.2	-6.8	0.0	0.0
46	22	20344.4	6.4	-204.1	-3.4	1754.9	55.2
	122	-12604.4	-6.4	204.1	3.4	0.0	0.0
47	22	20344.4	-1011.2	80.3	66.5	-690.8	-8696.3
	122	-12604.4	1011.2	-80.3	-66.5	0.0	0.0
48	22	20344.4	1252.4	-140.1	-116.1	1205.0	10770.9
	122	-12604.4	-1252.4	140.1	116.1	0.0	0.0
49	22	19781.0	0.0	0.0	0.0	0.0	0.0
	122	-12041.0	0.0	0.0	0.0	0.0	0.0
50	22	19405.4	-2.6	81.6	1.4	-702.1	-22.1
	122	-11665.4	2.6	-81.6	-1.4	0.0	0.0
51	22	19405.4	1.3	-40.8	-0.7	351.0	11.0
	122	-11665.4	-1.3	40.8	0.7	0.0	0.0
52	22	19405.4	-202.2	16.1	13.3	-138.2	-1739.3
	122	-11665.4	202.2	-16.1	-13.3	0.0	0.0
53	22	19405.4	250.5	-28.0	-23.2	241.0	2154.2
	122	-11665.4	-250.5	28.0	23.2	0.0	0.0
54	22	19405.4	0.0	0.0	0.0	0.0	0.0
	122	-11665.4	0.0	0.0	0.0	0.0	0.0
55	22	19405.4	-191.9	2935.8	-286.9	-25247.8	-1650.0
	122	-11665.4	191.9	-2935.8	286.9	0.0	0.0
56	22	19405.4	-408.7	3316.7	15.2	-28523.3	-3515.0
	122	-11665.4	408.7	-3316.7	-15.2	0.0	0.0
57	22	19405.4	2122.5	2328.1	-787.8	-20021.5	18253.8
	122	-11665.4	-2122.5	-2328.1	787.8	0.0	0.0
58	22	19405.4	1905.7	2709.0	-485.7	-23297.0	16388.8
	122	-11665.4	-1905.7	-2709.0	485.7	0.0	0.0
59	22	19405.4	-2593.8	3411.6	788.7	-29340.2	-22306.6
	122	-11665.4	2593.8	-3411.6	-788.7	0.0	0.0
60	22	19405.4	-2810.6	3792.5	1090.8	-32615.7	-24171.5
	122	-11665.4	2810.6	-3792.5	-1090.8	0.0	0.0
61	22	46247.7	-279.4	2803.9	287.7	-24113.9	-2402.8
	122	-38507.8	279.4	-2803.9	-287.7	0.0	0.0
62	22	19405.4	-496.2	3184.8	589.9	-27389.4	-4267.7
	122	-11665.4	496.2	-3184.8	-589.9	0.0	0.0
63	22	19405.4	496.2	-3184.8	-589.9	27389.4	4267.7
	122	-11665.4	-496.2	3184.8	589.9	0.0	0.0
64	22	19405.4	279.4	-2803.9	-287.7	24113.9	2402.8
	122	-11665.4	-279.4	2803.9	287.7	0.0	0.0
65	22	19405.4	2810.6	-3792.5	-1090.8	32615.7	24171.5
	122	-11665.4	-2810.6	3792.5	1090.8	0.0	0.0
66	22	19405.4	2593.8	-3411.6	-788.7	29340.2	22306.6
	122	-11665.4	-2593.8	3411.6	788.7	0.0	0.0
67	22	19405.4	-1905.7	-2709.0	485.7	23297.0	-16388.8
	122	-11665.4	1905.7	2709.0	-485.7	0.0	0.0
68	22	19405.4	-2122.5	-2328.1	787.8	20021.5	-18253.8
	122	-11665.4	2122.5	2328.1	-787.8	0.0	0.0
69	22	19405.4	408.7	-3316.7	-15.2	28523.3	3515.0
	122	-11665.4	-408.7	3316.7	15.2	0.0	0.0
70	22	19405.4	191.9	-2935.8	286.9	25247.7	1650.0
	122	-11665.4	-191.9	2935.8	-286.9	0.0	0.0
71	22	46247.7	-3238.8	1224.8	215.5	-10532.9	-27854.0
	122	-38507.8	3238.8	-1224.8	-215.5	0.0	0.0
72	22	19405.4	-3959.4	1367.5	538.2	-11760.7	-34050.9
	122	-11665.4	3959.4	-1367.5	-538.2	0.0	0.0
73	22	19405.4	-3032.4	-611.4	124.6	5258.2	-26078.7
	122	-11665.4	3032.4	611.4	-124.6	0.0	0.0
74	22	19405.4	-3753.0	-468.7	447.3	4030.5	-32275.6
	122	-11665.4	3753.0	468.7	-447.3	0.0	0.0
75	22	19405.4	-3961.7	2494.4	1222.5	-21451.5	-34070.4
	122	-11665.4	3961.7	-2494.4	-1222.5	0.0	0.0
76	22	19405.4	-4682.2	2637.1	1545.2	-22679.2	-40267.3
	122	-11665.4	4682.2	-2637.1	-1545.2	0.0	0.0
77	22	19405.4	-3755.2	658.2	1131.7	-5660.3	-32295.1

	122	-11665.4	3755.2	-658.2	-1131.7	0.0	0.0
78	22	19405.4	-4475.8	800.9	1454.3	-6888.0	-38492.0
	122	-11665.4	4475.8	-800.9	-1454.3	0.0	0.0
79	22	19405.4	4475.8	-800.9	-1454.3	6888.0	38492.0
	122	-11665.4	-4475.8	800.9	1454.3	0.0	0.0
80	22	19405.4	3755.2	-658.2	-1131.7	5660.3	32295.1
	122	-11665.4	-3755.2	658.2	1131.7	0.0	0.0
81	22	19405.4	4682.2	-2637.1	-1545.2	22679.2	40267.3
	122	-11665.4	-4682.2	2637.1	1545.2	0.0	0.0
82	22	19405.4	3961.7	-2494.4	-1222.5	21451.5	34070.4
	122	-11665.4	-3961.7	2494.4	1222.5	0.0	0.0
83	22	19405.4	3753.0	468.7	-447.3	-4030.5	32275.6
	122	-11665.4	-3753.0	-468.7	447.3	0.0	0.0
84	22	19405.4	3032.4	611.4	-124.6	-5258.2	26078.7
	122	-11665.4	-3032.4	-611.4	124.6	0.0	0.0
85	22	19405.4	3959.4	-1367.5	-538.2	11760.7	34050.9
	122	-11665.4	-3959.4	1367.5	538.2	0.0	0.0
86	22	19405.4	3238.8	-1224.8	-215.5	10532.9	27854.0
	122	-11665.4	-3238.8	1224.8	215.5	0.0	0.0
1	23	62463.1	-8.0	367.4	6.1	-3159.4	-69.2
	123	-52401.1	8.0	-367.4	-6.1	0.0	0.0
2	23	62463.1	4.0	-183.7	-3.1	1579.4	34.6
	123	-52401.1	-4.0	183.7	3.1	0.0	0.0
3	23	62463.1	-875.6	72.3	59.9	-621.7	-7530.3
	123	-52401.1	875.6	-72.3	-59.9	0.0	0.0
4	23	62463.1	1067.1	-126.1	-104.5	1084.5	9176.9
	123	-52401.1	-1067.1	126.1	104.5	0.0	0.0
5	23	57181.4	-13.4	612.3	10.2	-5265.7	-115.3
	123	-47119.4	13.4	-612.3	-10.2	0.0	0.0
6	23	57181.4	6.7	-306.1	-5.1	2632.4	57.6
	123	-47119.4	-6.7	306.1	5.1	0.0	0.0
7	23	57181.4	-1459.4	120.5	99.8	-1036.2	-12550.6
	123	-47119.4	1459.4	-120.5	-99.8	0.0	0.0
8	23	57181.4	1778.5	-210.2	-174.1	1807.6	15294.8
	123	-47119.4	-1778.5	210.2	174.1	0.0	0.0
9	23	38974.9	-374.8	3558.3	-347.7	-30601.2	-3223.2
	123	-31234.9	374.8	-3558.3	347.7	0.0	0.0
10	23	38974.9	-451.4	4019.9	18.5	-34571.3	-3882.2
	123	-31234.9	451.4	-4019.9	-18.5	0.0	0.0
11	23	38974.9	2149.8	2821.7	-954.9	-24266.7	18488.5
	123	-31234.9	-2149.8	-2821.7	954.9	0.0	0.0
12	23	38974.9	2073.2	3283.4	-588.7	-28236.8	17829.5
	123	-31234.9	-2073.2	-3283.4	588.7	0.0	0.0
13	23	38974.9	-2744.3	4135.0	955.9	-35561.4	-23601.2
	123	-31234.9	2744.3	-4135.0	-955.9	0.0	0.0
14	23	38974.9	-2821.0	4596.7	1322.1	-39531.5	-24260.2
	123	-31234.9	2821.0	-4596.7	-1322.1	0.0	0.0
15	23	38974.9	-219.7	3398.5	348.8	-29226.9	-1889.5
	123	-31234.9	219.7	-3398.5	-348.8	0.0	0.0
16	23	38974.9	-296.3	3860.1	714.9	-33197.0	-2548.5
	123	-31234.9	296.3	-3860.1	-714.9	0.0	0.0
17	23	38974.9	296.3	-3860.1	-714.9	33197.0	2548.5
	123	-31234.9	-296.3	3860.1	714.9	0.0	0.0
18	23	38974.9	219.7	-3398.5	-348.8	29226.9	1889.5
	123	-31234.9	-219.7	3398.5	348.8	0.0	0.0
19	23	38974.9	2821.0	-4596.7	-1322.1	39531.4	24260.2
	123	-31234.9	-2821.0	4596.7	1322.1	0.0	0.0
20	23	38974.9	2744.3	-4135.0	-955.9	35561.4	23601.2
	123	-31234.9	-2744.3	4135.0	955.9	0.0	0.0
21	23	38974.9	-2073.2	-3283.4	588.7	28236.8	-17829.5
	123	-31234.9	2073.2	3283.4	-588.7	0.0	0.0
22	23	38974.9	-2149.8	-2821.7	954.9	24266.7	-18488.5
	123	-31234.9	2149.8	2821.7	-954.9	0.0	0.0
23	23	38974.9	451.4	-4019.9	-18.5	34571.3	3882.2

	123	-31234.9	-451.4	4019.9	18.5	0.0	0.0
24	23	38974.9	374.8	-3558.3	347.7	30601.2	3223.2
	123	-31234.9	-374.8	3558.3	-347.7	0.0	0.0
25	23	38974.9	-3825.2	1484.5	261.2	-12766.3	-32896.9
	123	-31234.9	3825.2	-1484.5	-261.2	0.0	0.0
26	23	38974.9	-4536.1	1657.5	652.3	-14254.4	-39010.3
	123	-31234.9	4536.1	-1657.5	-652.3	0.0	0.0
27	23	38974.9	-3623.9	-741.1	151.1	6373.2	-31165.4
	123	-31234.9	3623.9	741.1	-151.1	0.0	0.0
28	23	61828.3	-4334.7	-568.0	542.2	4885.1	-37278.8
	123	-54088.3	4334.7	568.0	-542.2	0.0	0.0
29	23	38974.9	-4080.6	3023.2	1481.8	-25999.9	-35093.6
	123	-31234.9	4080.6	-3023.2	-1481.8	0.0	0.0
30	23	38974.9	-4791.5	3196.3	1872.9	-27488.0	-41207.0
	123	-31234.9	4791.5	-3196.3	-1872.9	0.0	0.0
31	23	38974.9	-3879.3	797.7	1371.6	-6860.5	-33362.1
	123	-31234.9	3879.3	-797.7	-1371.6	0.0	0.0
32	23	38974.9	-4590.2	970.8	1762.7	-8348.5	-39475.5
	123	-31234.9	4590.2	-970.8	-1762.7	0.0	0.0
33	23	38974.9	4590.2	-970.8	-1762.7	8348.5	39475.5
	123	-31234.9	-4590.2	970.8	1762.7	0.0	0.0
34	23	38974.9	3879.3	-797.7	-1371.6	6860.5	33362.1
	123	-31234.9	-3879.3	797.7	1371.6	0.0	0.0
35	23	38974.9	4791.5	-3196.3	-1872.9	27488.0	41207.0
	123	-31234.9	-4791.5	3196.3	1872.9	0.0	0.0
36	23	38974.9	4080.6	-3023.2	-1481.8	25999.9	35093.6
	123	-31234.9	-4080.6	3023.2	1481.8	0.0	0.0
37	23	38974.9	4334.7	568.0	-542.2	-4885.1	37278.8
	123	-31234.9	-4334.7	-568.0	542.2	0.0	0.0
38	23	38974.9	3623.9	741.1	-151.1	-6373.1	31165.4
	123	-31234.9	-3623.9	-741.1	151.1	0.0	0.0
39	23	38974.9	4536.1	-1657.5	-652.3	14254.4	39010.3
	123	-31234.9	-4536.1	1657.5	652.3	0.0	0.0
40	23	38974.9	3825.2	-1484.5	-261.2	12766.3	32896.9
	123	-31234.9	-3825.2	1484.5	261.2	0.0	0.0
41	23	46017.1	-5.4	244.9	4.1	-2106.3	-46.1
	123	-38277.1	5.4	-244.9	-4.1	0.0	0.0
42	23	46017.1	2.7	-122.4	-2.0	1053.0	23.0
	123	-38277.1	-2.7	122.4	2.0	0.0	0.0
43	23	46017.1	-583.7	48.2	39.9	-414.5	-5020.2
	123	-38277.1	583.7	-48.2	-39.9	0.0	0.0
44	23	46017.1	711.4	-84.1	-69.6	723.0	6117.9
	123	-38277.1	-711.4	84.1	69.6	0.0	0.0
45	23	42496.0	-8.9	408.2	6.8	-3510.4	-76.8
	123	-34756.0	8.9	-408.2	-6.8	0.0	0.0
46	23	42496.0	4.5	-204.1	-3.4	1754.9	38.4
	123	-34756.0	-4.5	204.1	3.4	0.0	0.0
47	23	42496.0	-972.9	80.3	66.5	-690.8	-8367.0
	123	-34756.0	972.9	-80.3	-66.5	0.0	0.0
48	23	42496.0	1185.6	-140.1	-116.1	1205.0	10196.5
	123	-34756.0	-1185.6	140.1	116.1	0.0	0.0
49	23	40383.4	0.0	0.0	0.0	0.0	0.0
	123	-32643.4	0.0	0.0	0.0	0.0	0.0
50	23	38974.9	-1.8	81.6	1.4	-702.1	-15.4
	123	-31234.9	1.8	-81.6	-1.4	0.0	0.0
51	23	38974.9	0.9	-40.8	-0.7	351.0	7.7
	123	-31234.9	-0.9	40.8	0.7	0.0	0.0
52	23	38974.9	-194.6	16.1	13.3	-138.2	-1673.4
	123	-31234.9	194.6	-16.1	-13.3	0.0	0.0
53	23	38974.9	237.1	-28.0	-23.2	241.0	2039.3
	123	-31234.9	-237.1	28.0	23.2	0.0	0.0
54	23	38974.9	0.0	0.0	0.0	0.0	0.0
	123	-31234.9	0.0	0.0	0.0	0.0	0.0
55	23	38974.9	-309.2	2935.8	-286.9	-25247.8	-2659.3
	123	-31234.9	309.2	-2935.8	286.9	0.0	0.0

56	23	38974.9	-372.4	3316.7	15.2	-28523.3	-3203.0
	123	-31234.9	372.4	-3316.7	-15.2	0.0	0.0
57	23	38974.9	1773.7	2328.1	-787.8	-20021.5	15254.1
	123	-31234.9	-1773.7	-2328.1	787.8	0.0	0.0
58	23	38974.9	1710.5	2709.0	-485.7	-23297.0	14710.4
	123	-31234.9	-1710.5	-2709.0	485.7	0.0	0.0
59	23	38974.9	-2264.2	3411.6	788.7	-29340.2	-19472.3
	123	-31234.9	2264.2	-3411.6	-788.7	0.0	0.0
60	23	38974.9	-2327.4	3792.5	1090.8	-32615.7	-20016.1
	123	-31234.9	2327.4	-3792.5	-1090.8	0.0	0.0
61	23	61828.3	-181.3	2803.9	287.7	-24113.9	-1558.9
	123	-54088.3	181.3	-2803.9	-287.7	0.0	0.0
62	23	38974.9	-244.5	3184.8	589.9	-27389.4	-2102.6
	123	-31234.9	244.5	-3184.8	-589.9	0.0	0.0
63	23	38974.9	244.5	-3184.8	-589.9	27389.4	2102.6
	123	-31234.9	-244.5	3184.8	589.9	0.0	0.0
64	23	38974.9	181.3	-2803.9	-287.7	24113.9	1558.9
	123	-31234.9	-181.3	2803.9	287.7	0.0	0.0
65	23	38974.9	2327.4	-3792.5	-1090.8	32615.7	20016.0
	123	-31234.9	-2327.4	3792.5	1090.8	0.0	0.0
66	23	38974.9	2264.2	-3411.6	-788.7	29340.2	19472.3
	123	-31234.9	-2264.2	3411.6	788.7	0.0	0.0
67	23	38974.9	-1710.5	-2709.0	485.7	23297.0	-14710.4
	123	-31234.9	1710.5	2709.0	-485.7	0.0	0.0
68	23	38974.9	-1773.7	-2328.1	787.8	20021.5	-15254.1
	123	-31234.9	1773.7	2328.1	-787.8	0.0	0.0
69	23	38974.9	372.4	-3316.7	-15.2	28523.3	3203.0
	123	-31234.9	-372.4	3316.7	15.2	0.0	0.0
70	23	38974.9	309.2	-2935.8	286.9	25247.7	2659.3
	123	-31234.9	-309.2	2935.8	-286.9	0.0	0.0
71	23	61828.3	-3156.0	1224.8	215.5	-10532.9	-27141.8
	123	-54088.3	3156.0	-1224.8	-215.5	0.0	0.0
72	23	38974.9	-3742.5	1367.5	538.2	-11760.7	-32185.7
	123	-31234.9	3742.5	-1367.5	-538.2	0.0	0.0
73	23	38974.9	-2989.9	-611.4	124.6	5258.2	-25713.3
	123	-31234.9	2989.9	611.4	-124.6	0.0	0.0
74	23	38974.9	-3576.4	-468.7	447.3	4030.5	-30757.2
	123	-31234.9	3576.4	468.7	-447.3	0.0	0.0
75	23	38974.9	-3366.8	2494.4	1222.5	-21451.5	-28954.2
	123	-31234.9	3366.8	-2494.4	-1222.5	0.0	0.0
76	23	38974.9	-3953.3	2637.1	1545.2	-22679.2	-33998.1
	123	-31234.9	3953.3	-2637.1	-1545.2	0.0	0.0
77	23	38974.9	-3200.7	658.2	1131.7	-5660.3	-27525.6
	123	-31234.9	3200.7	-658.2	-1131.7	0.0	0.0
78	23	38974.9	-3787.2	800.9	1454.3	-6888.0	-32569.6
	123	-31234.9	3787.2	-800.9	-1454.3	0.0	0.0
79	23	38974.9	3787.2	-800.9	-1454.3	6888.0	32569.6
	123	-31234.9	-3787.2	800.9	1454.3	0.0	0.0
80	23	38974.9	3200.7	-658.2	-1131.7	5660.3	27525.6
	123	-31234.9	-3200.7	658.2	1131.7	0.0	0.0
81	23	38974.9	3953.3	-2637.1	-1545.2	22679.2	33998.1
	123	-31234.9	-3953.3	2637.1	1545.2	0.0	0.0
82	23	38974.9	3366.8	-2494.4	-1222.5	21451.5	28954.2
	123	-31234.9	-3366.8	2494.4	1222.5	0.0	0.0
83	23	38974.9	3576.4	468.7	-447.3	-4030.5	30757.2
	123	-31234.9	-3576.4	-468.7	447.3	0.0	0.0
84	23	38974.9	2989.9	611.4	-124.6	-5258.2	25713.3
	123	-31234.9	-2989.9	-611.4	124.6	0.0	0.0
85	23	38974.9	3742.5	-1367.5	-538.2	11760.7	32185.7
	123	-31234.9	-3742.5	1367.5	538.2	0.0	0.0
86	23	38974.9	3156.0	-1224.8	-215.5	10532.9	27141.8
	123	-31234.9	-3156.0	1224.8	215.5	0.0	0.0
1	24	67588.4	-4.5	367.4	6.1	-3159.4	-38.9
	124	-57526.4	4.5	-367.4	-6.1	0.0	0.0

2	24	67588.4	2.3	-183.7	-3.1	1579.4	19.5
	124	-57526.4	-2.3	183.7	3.1	0.0	0.0
3	24	67588.4	-841.2	72.3	59.9	-621.7	-7234.0
	124	-57526.4	841.2	-72.3	-59.9	0.0	0.0
4	24	67588.4	1007.0	-126.1	-104.5	1084.5	8660.0
	124	-57526.4	-1007.0	126.1	104.5	0.0	0.0
5	24	61496.9	-7.5	612.3	10.2	-5265.7	-64.9
	124	-51434.9	7.5	-612.3	-10.2	0.0	0.0
6	24	61496.9	3.8	-306.1	-5.1	2632.4	32.4
	124	-51434.9	-3.8	306.1	5.1	0.0	0.0
7	24	61496.9	-1401.9	120.5	99.8	-1036.2	-12056.7
	124	-51434.9	1401.9	-120.5	-99.8	0.0	0.0
8	24	61496.9	1678.3	-210.2	-174.1	1807.6	14433.3
	124	-51434.9	-1678.3	210.2	174.1	0.0	0.0
9	24	41526.2	-465.7	3558.3	-347.7	-30601.2	-4005.4
	124	-33786.2	465.7	-3558.3	347.7	0.0	0.0
10	24	41526.2	-376.2	4019.9	18.5	-34571.3	-3235.3
	124	-33786.2	376.2	-4019.9	-18.5	0.0	0.0
11	24	41526.2	1802.8	2821.7	-954.9	-24266.7	15503.8
	124	-33786.2	-1802.8	-2821.7	954.9	0.0	0.0
12	24	41526.2	1892.3	3283.4	-588.7	-28236.8	16273.9
	124	-33786.2	-1892.3	-3283.4	588.7	0.0	0.0
13	24	41526.2	-2435.3	4135.0	955.9	-35561.4	-20943.8
	124	-33786.2	2435.3	-4135.0	-955.9	0.0	0.0
14	24	41526.2	-2345.8	4596.7	1322.1	-39531.5	-20173.7
	124	-33786.2	2345.8	-4596.7	-1322.1	0.0	0.0
15	24	41526.2	-166.8	3398.5	348.8	-29226.9	-1434.6
	124	-33786.2	166.8	-3398.5	-348.8	0.0	0.0
16	24	41526.2	-77.3	3860.1	714.9	-33197.0	-664.5
	124	-33786.2	77.3	-3860.1	-714.9	0.0	0.0
17	24	41526.2	77.3	-3860.1	-714.9	33197.0	664.5
	124	-33786.2	-77.3	3860.1	714.9	0.0	0.0
18	24	41526.2	166.8	-3398.5	-348.8	29226.9	1434.6
	124	-33786.2	-166.8	3398.5	348.8	0.0	0.0
19	24	41526.2	2345.8	-4596.7	-1322.1	39531.4	20173.7
	124	-33786.2	-2345.8	4596.7	1322.1	0.0	0.0
20	24	41526.2	2435.3	-4135.0	-955.9	35561.4	20943.8
	124	-33786.2	-2435.3	4135.0	955.9	0.0	0.0
21	24	41526.2	-1892.3	-3283.4	588.7	28236.8	-16273.9
	124	-33786.2	1892.3	3283.4	-588.7	0.0	0.0
22	24	41526.2	-1802.8	-2821.7	954.9	24266.7	-15503.8
	124	-33786.2	1802.8	2821.7	-954.9	0.0	0.0
23	24	41526.2	376.2	-4019.9	-18.5	34571.3	3235.3
	124	-33786.2	-376.2	4019.9	18.5	0.0	0.0
24	24	41526.2	465.7	-3558.3	347.7	30601.2	4005.4
	124	-33786.2	-465.7	3558.3	-347.7	0.0	0.0
25	24	41526.2	-3716.1	1484.5	261.2	-12766.3	-31958.7
	124	-33786.2	3716.1	-1484.5	-261.2	0.0	0.0
26	24	41526.2	-4307.0	1657.5	652.3	-14254.4	-37040.2
	124	-33786.2	4307.0	-1657.5	-652.3	0.0	0.0
27	24	41526.2	-3553.2	-741.1	151.1	6373.2	-30557.7
	124	-33786.2	3553.2	741.1	-151.1	0.0	0.0
28	24	64311.3	-4144.1	-568.0	542.2	4885.1	-35639.2
	124	-56571.3	4144.1	568.0	-542.2	0.0	0.0
29	24	41526.2	-3417.6	3023.2	1481.8	-25999.9	-29391.7
	124	-33786.2	3417.6	-3023.2	-1481.8	0.0	0.0
30	24	41526.2	-4008.5	3196.3	1872.9	-27488.0	-34473.2
	124	-33786.2	4008.5	-3196.3	-1872.9	0.0	0.0
31	24	41526.2	-3254.7	797.7	1371.6	-6860.5	-27990.7
	124	-33786.2	3254.7	-797.7	-1371.6	0.0	0.0
32	24	41526.2	-3845.6	970.8	1762.7	-8348.5	-33072.2
	124	-33786.2	3845.6	-970.8	-1762.7	0.0	0.0
33	24	41526.2	3845.6	-970.8	-1762.7	8348.5	33072.2
	124	-33786.2	-3845.6	970.8	1762.7	0.0	0.0
34	24	41526.2	3254.7	-797.7	-1371.6	6860.5	27990.7

	124	-33786.2	-3254.7	797.7	1371.6	0.0	0.0
35	24	41526.2	4008.5	-3196.3	-1872.9	27488.0	34473.2
	124	-33786.2	-4008.5	3196.3	1872.9	0.0	0.0
36	24	41526.2	3417.6	-3023.2	-1481.8	25999.9	29391.7
	124	-33786.2	-3417.6	3023.2	1481.8	0.0	0.0
37	24	41526.2	4144.1	568.0	-542.2	-4885.1	35639.2
	124	-33786.2	-4144.1	-568.0	542.2	0.0	0.0
38	24	41526.2	3553.2	741.1	-151.1	-6373.1	30557.7
	124	-33786.2	-3553.2	-741.1	151.1	0.0	0.0
39	24	41526.2	4307.0	-1657.5	-652.3	14254.4	37040.2
	124	-33786.2	-4307.0	1657.5	652.3	0.0	0.0
40	24	41526.2	3716.1	-1484.5	-261.2	12766.3	31958.7
	124	-33786.2	-3716.1	1484.5	261.2	0.0	0.0
41	24	49648.2	-3.0	244.9	4.1	-2106.3	-25.9
	124	-41908.2	3.0	-244.9	-4.1	0.0	0.0
42	24	49648.2	1.5	-122.4	-2.0	1053.0	13.0
	124	-41908.2	-1.5	122.4	2.0	0.0	0.0
43	24	49648.2	-560.8	48.2	39.9	-414.5	-4822.7
	124	-41908.2	560.8	-48.2	-39.9	0.0	0.0
44	24	49648.2	671.3	-84.1	-69.6	723.0	5773.3
	124	-41908.2	-671.3	84.1	69.6	0.0	0.0
45	24	45587.2	-5.0	408.2	6.8	-3510.4	-43.2
	124	-37847.2	5.0	-408.2	-6.8	0.0	0.0
46	24	45587.2	2.5	-204.1	-3.4	1754.9	21.6
	124	-37847.2	-2.5	204.1	3.4	0.0	0.0
47	24	45587.2	-934.6	80.3	66.5	-690.8	-8037.8
	124	-37847.2	934.6	-80.3	-66.5	0.0	0.0
48	24	45587.2	1118.9	-140.1	-116.1	1205.0	9622.2
	124	-37847.2	-1118.9	140.1	116.1	0.0	0.0
49	24	43150.6	0.0	0.0	0.0	0.0	0.0
	124	-35410.6	0.0	0.0	0.0	0.0	0.0
50	24	41526.2	-1.0	81.6	1.4	-702.1	-8.6
	124	-33786.2	1.0	-81.6	-1.4	0.0	0.0
51	24	41526.2	0.5	-40.8	-0.7	351.0	4.3
	124	-33786.2	-0.5	40.8	0.7	0.0	0.0
52	24	41526.2	-186.9	16.1	13.3	-138.2	-1607.6
	124	-33786.2	186.9	-16.1	-13.3	0.0	0.0
53	24	41526.2	223.8	-28.0	-23.2	241.0	1924.4
	124	-33786.2	-223.8	28.0	23.2	0.0	0.0
54	24	41526.2	0.0	0.0	0.0	0.0	0.0
	124	-33786.2	0.0	0.0	0.0	0.0	0.0
55	24	41526.2	-384.3	2935.8	-286.9	-25247.8	-3304.7
	124	-33786.2	384.3	-2935.8	286.9	0.0	0.0
56	24	41526.2	-310.4	3316.7	15.2	-28523.3	-2669.3
	124	-33786.2	310.4	-3316.7	-15.2	0.0	0.0
57	24	41526.2	1487.4	2328.1	-787.8	-20021.5	12791.5
	124	-33786.2	-1487.4	-2328.1	787.8	0.0	0.0
58	24	41526.2	1561.3	2709.0	-485.7	-23297.0	13426.9
	124	-33786.2	-1561.3	-2709.0	485.7	0.0	0.0
59	24	41526.2	-2009.3	3411.6	788.7	-29340.2	-17279.9
	124	-33786.2	2009.3	-3411.6	-788.7	0.0	0.0
60	24	41526.2	-1935.4	3792.5	1090.8	-32615.7	-16644.5
	124	-33786.2	1935.4	-3792.5	-1090.8	0.0	0.0
61	24	64311.3	-137.6	2803.9	287.7	-24113.9	-1183.6
	124	-56571.3	137.6	-2803.9	-287.7	0.0	0.0
62	24	41526.2	-63.7	3184.8	589.9	-27389.4	-548.2
	124	-33786.2	63.7	-3184.8	-589.9	0.0	0.0
63	24	41526.2	63.7	-3184.8	-589.9	27389.4	548.2
	124	-33786.2	-63.7	3184.8	589.9	0.0	0.0
64	24	41526.2	137.6	-2803.9	-287.7	24113.9	1183.6
	124	-33786.2	-137.6	2803.9	287.7	0.0	0.0
65	24	41526.2	1935.4	-3792.5	-1090.8	32615.7	16644.5
	124	-33786.2	-1935.4	3792.5	1090.8	0.0	0.0
66	24	41526.2	2009.3	-3411.6	-788.7	29340.2	17279.9
	124	-33786.2	-2009.3	3411.6	788.7	0.0	0.0

67	24	41526.2	-1561.3	-2709.0	485.7	23297.0	-13426.9
	124	-33786.2	1561.3	2709.0	-485.7	0.0	0.0
68	24	41526.2	-1487.4	-2328.1	787.8	20021.5	-12791.6
	124	-33786.2	1487.4	2328.1	-787.8	0.0	0.0
69	24	41526.2	310.4	-3316.7	-15.2	28523.3	2669.3
	124	-33786.2	-310.4	3316.7	15.2	0.0	0.0
70	24	41526.2	384.3	-2935.8	286.9	25247.7	3304.7
	124	-33786.2	-384.3	2935.8	-286.9	0.0	0.0
71	24	64311.3	-3066.0	1224.8	215.5	-10532.9	-26367.8
	124	-56571.3	3066.0	-1224.8	-215.5	0.0	0.0
72	24	41526.2	-3553.5	1367.5	538.2	-11760.7	-30560.3
	124	-33786.2	3553.5	-1367.5	-538.2	0.0	0.0
73	24	41526.2	-2931.6	-611.4	124.6	5258.2	-25211.9
	124	-33786.2	2931.6	611.4	-124.6	0.0	0.0
74	24	41526.2	-3419.1	-468.7	447.3	4030.5	-29404.4
	124	-33786.2	3419.1	468.7	-447.3	0.0	0.0
75	24	41526.2	-2819.7	2494.4	1222.5	-21451.5	-24249.8
	124	-33786.2	2819.7	-2494.4	-1222.5	0.0	0.0
76	24	41526.2	-3307.3	2637.1	1545.2	-22679.2	-28442.4
	124	-33786.2	3307.3	-2637.1	-1545.2	0.0	0.0
77	24	41526.2	-2685.3	658.2	1131.7	-5660.3	-23093.9
	124	-33786.2	2685.3	-658.2	-1131.7	0.0	0.0
78	24	41526.2	-3172.8	800.9	1454.3	-6888.0	-27286.5
	124	-33786.2	3172.8	-800.9	-1454.3	0.0	0.0
79	24	41526.2	3172.8	-800.9	-1454.3	6888.0	27286.5
	124	-33786.2	-3172.8	800.9	1454.3	0.0	0.0
80	24	41526.2	2685.3	-658.2	-1131.7	5660.3	23093.9
	124	-33786.2	-2685.3	658.2	1131.7	0.0	0.0
81	24	41526.2	3307.3	-2637.1	-1545.2	22679.2	28442.4
	124	-33786.2	-3307.3	2637.1	1545.2	0.0	0.0
82	24	41526.2	2819.7	-2494.4	-1222.5	21451.5	24249.8
	124	-33786.2	-2819.7	2494.4	1222.5	0.0	0.0
83	24	41526.2	3419.1	468.7	-447.3	-4030.5	29404.4
	124	-33786.2	-3419.1	-468.7	447.3	0.0	0.0
84	24	41526.2	2931.6	611.4	-124.6	-5258.2	25211.9
	124	-33786.2	-2931.6	-611.4	124.6	0.0	0.0
85	24	41526.2	3553.5	-1367.5	-538.2	11760.7	30560.3
	124	-33786.2	-3553.5	1367.5	538.2	0.0	0.0
86	24	41526.2	3066.0	-1224.8	-215.5	10532.9	26367.8
	124	-33786.2	-3066.0	1224.8	215.5	0.0	0.0
1	25	64593.4	-1.0	367.4	6.1	-3159.4	-8.7
	125	-54531.4	1.0	-367.4	-6.1	0.0	0.0
2	25	64593.4	0.5	-183.7	-3.1	1579.4	4.3
	125	-54531.4	-0.5	183.7	3.1	0.0	0.0
3	25	64593.4	-806.7	72.3	59.9	-621.7	-6937.7
	125	-54531.4	806.7	-72.3	-59.9	0.0	0.0
4	25	64593.4	946.9	-126.1	-104.5	1084.5	8143.1
	125	-54531.4	-946.9	126.1	104.5	0.0	0.0
5	25	58888.6	-1.7	612.3	10.2	-5265.7	-14.5
	125	-48826.6	1.7	-612.3	-10.2	0.0	0.0
6	25	58888.6	0.8	-306.1	-5.1	2632.4	7.2
	125	-48826.6	-0.8	306.1	5.1	0.0	0.0
7	25	58888.6	-1344.5	120.5	99.8	-1036.2	-11562.8
	125	-48826.6	1344.5	-120.5	-99.8	0.0	0.0
8	25	58888.6	1578.1	-210.2	-174.1	1807.6	13571.9
	125	-48826.6	-1578.1	210.2	174.1	0.0	0.0
9	25	39886.6	-472.0	3558.3	-347.7	-30601.2	-4059.4
	125	-32146.6	472.0	-3558.3	347.7	0.0	0.0
10	25	39886.6	-251.6	4019.9	18.5	-34571.3	-2163.5
	125	-32146.6	251.6	-4019.9	-18.5	0.0	0.0
11	25	39886.6	1580.6	2821.7	-954.9	-24266.7	13592.9
	125	-32146.6	-1580.6	-2821.7	954.9	0.0	0.0
12	25	39886.6	1801.0	3283.4	-588.7	-28236.8	15488.8
	125	-32146.6	-1801.0	-3283.4	588.7	0.0	0.0

13	25	39886.6	-2279.9	4135.0	955.9	-35561.4	-19607.3
	125	-32146.6	2279.9	-4135.0	-955.9	0.0	0.0
14	25	39886.6	-2059.5	4596.7	1322.1	-39531.5	-17711.3
	125	-32146.6	2059.5	-4596.7	-1322.1	0.0	0.0
15	25	39886.6	-227.3	3398.5	348.8	-29226.9	-1955.0
	125	-32146.6	227.3	-3398.5	-348.8	0.0	0.0
16	25	39886.6	-6.9	3860.1	714.9	-33197.0	-59.0
	125	-32146.6	6.9	-3860.1	-714.9	0.0	0.0
17	25	39886.6	6.9	-3860.1	-714.9	33197.0	59.0
	125	-32146.6	-6.9	3860.1	714.9	0.0	0.0
18	25	39886.6	227.3	-3398.5	-348.8	29226.9	1955.0
	125	-32146.6	-227.3	3398.5	348.8	0.0	0.0
19	25	39886.6	2059.5	-4596.7	-1322.1	39531.4	17711.3
	125	-32146.6	-2059.5	4596.7	1322.1	0.0	0.0
20	25	39886.6	2279.9	-4135.0	-955.9	35561.4	19607.3
	125	-32146.6	-2279.9	4135.0	955.9	0.0	0.0
21	25	39886.6	-1801.0	-3283.4	588.7	28236.8	-15488.8
	125	-32146.6	1801.0	3283.4	-588.7	0.0	0.0
22	25	39886.6	-1580.6	-2821.7	954.9	24266.7	-13592.9
	125	-32146.6	1580.6	2821.7	-954.9	0.0	0.0
23	25	39886.6	251.6	-4019.9	-18.5	34571.3	2163.5
	125	-32146.6	-251.6	4019.9	18.5	0.0	0.0
24	25	39886.6	472.0	-3558.3	347.7	30601.2	4059.4
	125	-32146.6	-472.0	3558.3	-347.7	0.0	0.0
25	25	39886.6	-3589.1	1484.5	261.2	-12766.3	-30866.0
	125	-32146.6	3589.1	-1484.5	-261.2	0.0	0.0
26	25	39886.6	-4131.4	1657.5	652.3	-14254.4	-35530.4
	125	-32146.6	4131.4	-1657.5	-652.3	0.0	0.0
27	25	39886.6	-3445.4	-741.1	151.1	6373.2	-29630.5
	125	-32146.6	3445.4	741.1	-151.1	0.0	0.0
28	25	62674.8	-3987.8	-568.0	542.2	4885.1	-34294.8
	125	-54934.8	3987.8	568.0	-542.2	0.0	0.0
29	25	39886.6	-2854.2	3023.2	1481.8	-25999.9	-24546.2
	125	-32146.6	2854.2	-3023.2	-1481.8	0.0	0.0
30	25	39886.6	-3396.6	3196.3	1872.9	-27488.0	-29210.5
	125	-32146.6	3396.6	-3196.3	-1872.9	0.0	0.0
31	25	39886.6	-2710.5	797.7	1371.6	-6860.5	-23310.7
	125	-32146.6	2710.5	-797.7	-1371.6	0.0	0.0
32	25	39886.6	-3252.9	970.8	1762.7	-8348.5	-27975.0
	125	-32146.6	3252.9	-970.8	-1762.7	0.0	0.0
33	25	39886.6	3252.9	-970.8	-1762.7	8348.5	27975.0
	125	-32146.6	-3252.9	970.8	1762.7	0.0	0.0
34	25	39886.6	2710.5	-797.7	-1371.6	6860.5	23310.7
	125	-32146.6	-2710.5	797.7	1371.6	0.0	0.0
35	25	39886.6	3396.6	-3196.3	-1872.9	27488.0	29210.5
	125	-32146.6	-3396.6	3196.3	1872.9	0.0	0.0
36	25	39886.6	2854.2	-3023.2	-1481.8	25999.9	24546.2
	125	-32146.6	-2854.2	3023.2	1481.8	0.0	0.0
37	25	39886.6	3987.8	568.0	-542.2	-4885.1	34294.8
	125	-32146.6	-3987.8	-568.0	542.2	0.0	0.0
38	25	39886.6	3445.4	741.1	-151.1	-6373.1	29630.5
	125	-32146.6	-3445.4	-741.1	151.1	0.0	0.0
39	25	39886.6	4131.4	-1657.5	-652.3	14254.4	35530.4
	125	-32146.6	-4131.4	1657.5	652.3	0.0	0.0
40	25	39886.6	3589.1	-1484.5	-261.2	12766.3	30866.0
	125	-32146.6	-3589.1	1484.5	261.2	0.0	0.0
41	25	47493.1	-0.7	244.9	4.1	-2106.3	-5.8
	125	-39753.1	0.7	-244.9	-4.1	0.0	0.0
42	25	47493.1	0.3	-122.4	-2.0	1053.0	2.9
	125	-39753.1	-0.3	122.4	2.0	0.0	0.0
43	25	47493.1	-537.8	48.2	39.9	-414.5	-4625.1
	125	-39753.1	537.8	-48.2	-39.9	0.0	0.0
44	25	47493.1	631.2	-84.1	-69.6	723.0	5428.7
	125	-39753.1	-631.2	84.1	69.6	0.0	0.0
45	25	43689.8	-1.1	408.2	6.8	-3510.4	-9.7

	125	-35949.8	1.1	-408.2	-6.8	0.0	0.0
46	25	43689.8	0.6	-204.1	-3.4	1754.9	4.8
	125	-35949.8	-0.6	204.1	3.4	0.0	0.0
47	25	43689.8	-896.3	80.3	66.5	-690.8	-7708.5
	125	-35949.8	896.3	-80.3	-66.5	0.0	0.0
48	25	43689.8	1052.1	-140.1	-116.1	1205.0	9047.9
	125	-35949.8	-1052.1	140.1	116.1	0.0	0.0
49	25	41407.9	0.0	0.0	0.0	0.0	0.0
	125	-33667.9	0.0	0.0	0.0	0.0	0.0
50	25	39886.6	-0.2	81.6	1.4	-702.1	-1.9
	125	-32146.6	0.2	-81.6	-1.4	0.0	0.0
51	25	39886.6	0.1	-40.8	-0.7	351.0	1.0
	125	-32146.6	-0.1	40.8	0.7	0.0	0.0
52	25	39886.6	-179.3	16.1	13.3	-138.2	-1541.7
	125	-32146.6	179.3	-16.1	-13.3	0.0	0.0
53	25	39886.6	210.4	-28.0	-23.2	241.0	1809.6
	125	-32146.6	-210.4	28.0	23.2	0.0	0.0
54	25	39886.6	0.0	0.0	0.0	0.0	0.0
	125	-32146.6	0.0	0.0	0.0	0.0	0.0
55	25	39886.6	-389.5	2935.8	-286.9	-25247.8	-3349.3
	125	-32146.6	389.5	-2935.8	286.9	0.0	0.0
56	25	39886.6	-207.6	3316.7	15.2	-28523.3	-1785.0
	125	-32146.6	207.6	-3316.7	-15.2	0.0	0.0
57	25	39886.6	1304.1	2328.1	-787.8	-20021.5	11214.9
	125	-32146.6	-1304.1	-2328.1	787.8	0.0	0.0
58	25	39886.6	1485.9	2709.0	-485.7	-23297.0	12779.2
	125	-32146.6	-1485.9	-2709.0	485.7	0.0	0.0
59	25	39886.6	-1881.1	3411.6	788.7	-29340.2	-16177.1
	125	-32146.6	1881.1	-3411.6	-788.7	0.0	0.0
60	25	39886.6	-1699.2	3792.5	1090.8	-32615.7	-14612.9
	125	-32146.6	1699.2	-3792.5	-1090.8	0.0	0.0
61	25	62674.8	-187.6	2803.9	287.7	-24113.9	-1613.0
	125	-54934.8	187.6	-2803.9	-287.7	0.0	0.0
62	25	39886.6	-5.7	3184.8	589.9	-27389.4	-48.7
	125	-32146.6	5.7	-3184.8	-589.9	0.0	0.0
63	25	39886.6	5.7	-3184.8	-589.9	27389.4	48.7
	125	-32146.6	-5.7	3184.8	589.9	0.0	0.0
64	25	39886.6	187.6	-2803.9	-287.7	24113.9	1613.0
	125	-32146.6	-187.6	2803.9	287.7	0.0	0.0
65	25	39886.6	1699.2	-3792.5	-1090.8	32615.7	14612.9
	125	-32146.6	-1699.2	3792.5	1090.8	0.0	0.0
66	25	39886.6	1881.1	-3411.6	-788.7	29340.2	16177.1
	125	-32146.6	-1881.1	3411.6	788.7	0.0	0.0
67	25	39886.6	-1485.9	-2709.0	485.7	23297.0	-12779.2
	125	-32146.6	1485.9	2709.0	-485.7	0.0	0.0
68	25	39886.6	-1304.1	-2328.1	787.8	20021.5	-11214.9
	125	-32146.6	1304.1	2328.1	-787.8	0.0	0.0
69	25	39886.6	207.6	-3316.7	-15.2	28523.3	1785.0
	125	-32146.6	-207.6	3316.7	15.2	0.0	0.0
70	25	39886.6	389.5	-2935.8	286.9	25247.7	3349.3
	125	-32146.6	-389.5	2935.8	-286.9	0.0	0.0
71	25	62674.8	-2961.2	1224.8	215.5	-10532.9	-25466.3
	125	-54934.8	2961.2	-1224.8	-215.5	0.0	0.0
72	25	39886.6	-3408.7	1367.5	538.2	-11760.7	-29314.6
	125	-32146.6	3408.7	-1367.5	-538.2	0.0	0.0
73	25	39886.6	-2842.7	-611.4	124.6	5258.2	-24446.9
	125	-32146.6	2842.7	611.4	-124.6	0.0	0.0
74	25	39886.6	-3290.1	-468.7	447.3	4030.5	-28295.2
	125	-32146.6	3290.1	468.7	-447.3	0.0	0.0
75	25	39886.6	-2354.9	2494.4	1222.5	-21451.5	-20252.0
	125	-32146.6	2354.9	-2494.4	-1222.5	0.0	0.0
76	25	39886.6	-2802.4	2637.1	1545.2	-22679.2	-24100.4
	125	-32146.6	2802.4	-2637.1	-1545.2	0.0	0.0
77	25	39886.6	-2236.4	658.2	1131.7	-5660.3	-19232.6
	125	-32146.6	2236.4	-658.2	-1131.7	0.0	0.0

78	25	39886.6	-2683.8	800.9	1454.3	-6888.0	-23081.0
	125	-32146.6	2683.8	-800.9	-1454.3	0.0	0.0
79	25	39886.6	2683.8	-800.9	-1454.3	6888.0	23081.0
	125	-32146.6	-2683.8	800.9	1454.3	0.0	0.0
80	25	39886.6	2236.4	-658.2	-1131.7	5660.3	19232.6
	125	-32146.6	-2236.4	658.2	1131.7	0.0	0.0
81	25	39886.6	2802.4	-2637.1	-1545.2	22679.2	24100.4
	125	-32146.6	-2802.4	2637.1	1545.2	0.0	0.0
82	25	39886.6	2354.9	-2494.4	-1222.5	21451.5	20252.0
	125	-32146.6	-2354.9	2494.4	1222.5	0.0	0.0
83	25	39886.6	3290.1	468.7	-447.3	-4030.5	28295.2
	125	-32146.6	-3290.1	-468.7	447.3	0.0	0.0
84	25	39886.6	2842.7	611.4	-124.6	-5258.2	24446.9
	125	-32146.6	-2842.7	-611.4	124.6	0.0	0.0
85	25	39886.6	3408.7	-1367.5	-538.2	11760.7	29314.6
	125	-32146.6	-3408.7	1367.5	538.2	0.0	0.0
86	25	39886.6	2961.2	-1224.8	-215.5	10532.9	25466.3
	125	-32146.6	-2961.2	1224.8	215.5	0.0	0.0
1	26	66012.4	2.5	367.4	6.1	-3159.4	21.5
	126	-55950.4	-2.5	-367.4	-6.1	0.0	0.0
2	26	66012.4	-1.3	-183.7	-3.1	1579.4	-10.8
	126	-55950.4	1.3	183.7	3.1	0.0	0.0
3	26	66012.4	-772.3	72.3	59.9	-621.7	-6641.4
	126	-55950.4	772.3	-72.3	-59.9	0.0	0.0
4	26	66012.4	886.8	-126.1	-104.5	1084.5	7626.2
	126	-55950.4	-886.8	126.1	104.5	0.0	0.0
5	26	60124.3	4.2	612.3	10.2	-5265.7	35.9
	126	-50062.3	-4.2	-612.3	-10.2	0.0	0.0
6	26	60124.3	-2.1	-306.1	-5.1	2632.4	-18.0
	126	-50062.3	2.1	306.1	5.1	0.0	0.0
7	26	60124.3	-1287.1	120.5	99.8	-1036.2	-11069.0
	126	-50062.3	1287.1	-120.5	-99.8	0.0	0.0
8	26	60124.3	1478.0	-210.2	-174.1	1807.6	12710.4
	126	-50062.3	-1478.0	210.2	174.1	0.0	0.0
9	26	40663.4	-1817.5	3558.3	-347.7	-30601.2	-15630.7
	126	-32923.4	1817.5	-3558.3	347.7	0.0	0.0
10	26	40663.4	-1525.9	4019.9	18.5	-34571.3	-13122.6
	126	-32923.4	1525.9	-4019.9	-18.5	0.0	0.0
11	26	40663.4	84.4	2821.7	-954.9	-24266.7	725.4
	126	-32923.4	-84.4	-2821.7	954.9	0.0	0.0
12	26	40663.4	376.0	3283.4	-588.7	-28236.8	3233.5
	126	-32923.4	-376.0	-3283.4	588.7	0.0	0.0
13	26	40663.4	127.4	4135.0	955.9	-35561.4	1095.6
	126	-32923.4	-127.4	-4135.0	-955.9	0.0	0.0
14	26	40663.4	419.0	4596.7	1322.1	-39531.5	3603.8
	126	-32923.4	-419.0	-4596.7	-1322.1	0.0	0.0
15	26	40663.4	2029.3	3398.5	348.8	-29226.9	17451.8
	126	-32923.4	-2029.3	-3398.5	-348.8	0.0	0.0
16	26	40663.4	2320.9	3860.1	714.9	-33197.0	19959.9
	126	-32923.4	-2320.9	-3860.1	-714.9	0.0	0.0
17	26	40663.4	-2320.9	-3860.1	-714.9	33197.0	-19959.9
	126	-32923.4	2320.9	3860.1	714.9	0.0	0.0
18	26	40663.4	-2029.3	-3398.5	-348.8	29226.9	-17451.8
	126	-32923.4	2029.3	3398.5	348.8	0.0	0.0
19	26	40663.4	-419.0	-4596.7	-1322.1	39531.4	-3603.8
	126	-32923.4	419.0	4596.7	1322.1	0.0	0.0
20	26	40663.4	-127.4	-4135.0	-955.9	35561.4	-1095.6
	126	-32923.4	127.4	4135.0	955.9	0.0	0.0
21	26	40663.4	-376.0	-3283.4	588.7	28236.8	-3233.5
	126	-32923.4	376.0	3283.4	-588.7	0.0	0.0
22	26	40663.4	-84.4	-2821.7	954.9	24266.7	-725.4
	126	-32923.4	84.4	2821.7	-954.9	0.0	0.0
23	26	40663.4	1525.9	-4019.9	-18.5	34571.3	13122.6
	126	-32923.4	-1525.9	4019.9	18.5	0.0	0.0

24	26	40663.4	1817.5	-3558.3	347.7	30601.2	15630.7
	126	-32923.4	-1817.5	3558.3	-347.7	0.0	0.0
25	26	40663.4	-3872.1	1484.5	261.2	-12766.3	-33300.0
	126	-32923.4	3872.1	-1484.5	-261.2	0.0	0.0
26	26	40663.4	-3288.6	1657.5	652.3	-14254.4	-28282.1
	126	-32923.4	3288.6	-1657.5	-652.3	0.0	0.0
27	26	40663.4	-4023.1	-741.1	151.1	6373.2	-34598.8
	126	-32923.4	4023.1	741.1	-151.1	0.0	0.0
28	26	63449.6	-3439.6	-568.0	542.2	4885.1	-29580.9
	126	-55709.6	3439.6	568.0	-542.2	0.0	0.0
29	26	40663.4	-2900.0	3023.2	1481.8	-25999.9	-24939.7
	126	-32923.4	2900.0	-3023.2	-1481.8	0.0	0.0
30	26	40663.4	-2316.5	3196.3	1872.9	-27488.0	-19921.8
	126	-32923.4	2316.5	-3196.3	-1872.9	0.0	0.0
31	26	40663.4	-3051.0	797.7	1371.6	-6860.5	-26238.4
	126	-32923.4	3051.0	-797.7	-1371.6	0.0	0.0
32	26	40663.4	-2467.5	970.8	1762.7	-8348.5	-21220.5
	126	-32923.4	2467.5	-970.8	-1762.7	0.0	0.0
33	26	40663.4	2467.5	-970.8	-1762.7	8348.5	21220.5
	126	-32923.4	-2467.5	970.8	1762.7	0.0	0.0
34	26	40663.4	3051.0	-797.7	-1371.6	6860.5	26238.4
	126	-32923.4	-3051.0	797.7	1371.6	0.0	0.0
35	26	40663.4	2316.5	-3196.3	-1872.9	27488.0	19921.8
	126	-32923.4	-2316.5	3196.3	1872.9	0.0	0.0
36	26	40663.4	2900.0	-3023.2	-1481.8	25999.9	24939.7
	126	-32923.4	-2900.0	3023.2	1481.8	0.0	0.0
37	26	40663.4	3439.6	568.0	-542.2	-4885.1	29580.9
	126	-32923.4	-3439.6	-568.0	542.2	0.0	0.0
38	26	40663.4	4023.1	741.1	-151.1	-6373.1	34598.8
	126	-32923.4	-4023.1	-741.1	151.1	0.0	0.0
39	26	40663.4	3288.6	-1657.5	-652.3	14254.4	28282.1
	126	-32923.4	-3288.6	1657.5	652.3	0.0	0.0
40	26	40663.4	3872.1	-1484.5	-261.2	12766.3	33300.0
	126	-32923.4	-3872.1	1484.5	261.2	0.0	0.0
41	26	48514.1	1.7	244.9	4.1	-2106.3	14.4
	126	-40774.1	-1.7	-244.9	-4.1	0.0	0.0
42	26	48514.1	-0.8	-122.4	-2.0	1053.0	-7.2
	126	-40774.1	0.8	122.4	2.0	0.0	0.0
43	26	48514.1	-514.8	48.2	39.9	-414.5	-4427.6
	126	-40774.1	514.8	-48.2	-39.9	0.0	0.0
44	26	48514.1	591.2	-84.1	-69.6	723.0	5084.2
	126	-40774.1	-591.2	84.1	69.6	0.0	0.0
45	26	44588.7	2.8	408.2	6.8	-3510.4	23.9
	126	-36848.7	-2.8	-408.2	-6.8	0.0	0.0
46	26	44588.7	-1.4	-204.1	-3.4	1754.9	-12.0
	126	-36848.7	1.4	204.1	3.4	0.0	0.0
47	26	44588.7	-858.1	80.3	66.5	-690.8	-7379.3
	126	-36848.7	858.1	-80.3	-66.5	0.0	0.0
48	26	44588.7	985.3	-140.1	-116.1	1205.0	8473.6
	126	-36848.7	-985.3	140.1	116.1	0.0	0.0
49	26	42233.5	0.0	0.0	0.0	0.0	0.0
	126	-34493.5	0.0	0.0	0.0	0.0	0.0
50	26	40663.4	0.6	81.6	1.4	-702.1	4.8
	126	-32923.4	-0.6	-81.6	-1.4	0.0	0.0
51	26	40663.4	-0.3	-40.8	-0.7	351.0	-2.4
	126	-32923.4	0.3	40.8	0.7	0.0	0.0
52	26	40663.4	-171.6	16.1	13.3	-138.2	-1475.9
	126	-32923.4	171.6	-16.1	-13.3	0.0	0.0
53	26	40663.4	197.1	-28.0	-23.2	241.0	1694.7
	126	-32923.4	-197.1	28.0	23.2	0.0	0.0
54	26	40663.4	0.0	0.0	0.0	0.0	0.0
	126	-32923.4	0.0	0.0	0.0	0.0	0.0
55	26	40663.4	-1499.6	2935.8	-286.9	-25247.8	-12896.3
	126	-32923.4	1499.6	-2935.8	286.9	0.0	0.0
56	26	40663.4	-1258.9	3316.7	15.2	-28523.3	-10826.9

	126	-32923.4	1258.9	-3316.7	-15.2	0.0	0.0
57	26	40663.4	69.6	2328.1	-787.8	-20021.5	598.5
	126	-32923.4	-69.6	-2328.1	787.8	0.0	0.0
58	26	40663.4	310.2	2709.0	-485.7	-23297.0	2667.9
	126	-32923.4	-310.2	-2709.0	485.7	0.0	0.0
59	26	40663.4	105.1	3411.6	788.7	-29340.2	904.0
	126	-32923.4	-105.1	-3411.6	-788.7	0.0	0.0
60	26	40663.4	345.7	3792.5	1090.8	-32615.7	2973.3
	126	-32923.4	-345.7	-3792.5	-1090.8	0.0	0.0
61	26	63449.6	1674.3	2803.9	287.7	-24113.9	14398.7
	126	-55709.6	-1674.3	-2803.9	-287.7	0.0	0.0
62	26	40663.4	1914.9	3184.8	589.9	-27389.4	16468.1
	126	-32923.4	-1914.9	-3184.8	-589.9	0.0	0.0
63	26	40663.4	-1914.9	-3184.8	-589.9	27389.4	-16468.1
	126	-32923.4	1914.9	3184.8	589.9	0.0	0.0
64	26	40663.4	-1674.3	-2803.9	-287.7	24113.9	-14398.7
	126	-32923.4	1674.3	2803.9	287.7	0.0	0.0
65	26	40663.4	-345.7	-3792.5	-1090.8	32615.7	-2973.3
	126	-32923.4	345.7	3792.5	1090.8	0.0	0.0
66	26	40663.4	-105.1	-3411.6	-788.7	29340.2	-904.0
	126	-32923.4	105.1	3411.6	788.7	0.0	0.0
67	26	40663.4	-310.2	-2709.0	485.7	23297.0	-2667.9
	126	-32923.4	310.2	2709.0	-485.7	0.0	0.0
68	26	40663.4	-69.6	-2328.1	787.8	20021.5	-598.5
	126	-32923.4	69.6	2328.1	-787.8	0.0	0.0
69	26	40663.4	1258.9	-3316.7	-15.2	28523.3	10826.9
	126	-32923.4	-1258.9	3316.7	15.2	0.0	0.0
70	26	40663.4	1499.6	-2935.8	286.9	25247.7	12896.3
	126	-32923.4	-1499.6	2935.8	-286.9	0.0	0.0
71	26	63449.6	-3194.7	1224.8	215.5	-10532.9	-27474.5
	126	-55709.6	3194.7	-1224.8	-215.5	0.0	0.0
72	26	40663.4	-2713.3	1367.5	538.2	-11760.7	-23334.4
	126	-32923.4	2713.3	-1367.5	-538.2	0.0	0.0
73	26	40663.4	-3319.3	-611.4	124.6	5258.2	-28546.0
	126	-32923.4	3319.3	611.4	-124.6	0.0	0.0
74	26	40663.4	-2837.9	-468.7	447.3	4030.5	-24405.9
	126	-32923.4	2837.9	468.7	-447.3	0.0	0.0
75	26	40663.4	-2392.6	2494.4	1222.5	-21451.5	-20576.7
	126	-32923.4	2392.6	-2494.4	-1222.5	0.0	0.0
76	26	40663.4	-1911.2	2637.1	1545.2	-22679.2	-16436.6
	126	-32923.4	1911.2	-2637.1	-1545.2	0.0	0.0
77	26	40663.4	-2517.2	658.2	1131.7	-5660.3	-21648.2
	126	-32923.4	2517.2	-658.2	-1131.7	0.0	0.0
78	26	40663.4	-2035.8	800.9	1454.3	-6888.0	-17508.1
	126	-32923.4	2035.8	-800.9	-1454.3	0.0	0.0
79	26	40663.4	2035.8	-800.9	-1454.3	6888.0	17508.1
	126	-32923.4	-2035.8	800.9	1454.3	0.0	0.0
80	26	40663.4	2517.2	-658.2	-1131.7	5660.3	21648.2
	126	-32923.4	-2517.2	658.2	1131.7	0.0	0.0
81	26	40663.4	1911.2	-2637.1	-1545.2	22679.2	16436.6
	126	-32923.4	-1911.2	2637.1	1545.2	0.0	0.0
82	26	40663.4	2392.6	-2494.4	-1222.5	21451.5	20576.7
	126	-32923.4	-2392.6	2494.4	1222.5	0.0	0.0
83	26	40663.4	2837.9	468.7	-447.3	-4030.5	24405.9
	126	-32923.4	-2837.9	-468.7	447.3	0.0	0.0
84	26	40663.4	3319.3	611.4	-124.6	-5258.2	28546.0
	126	-32923.4	-3319.3	-611.4	124.6	0.0	0.0
85	26	40663.4	2713.3	-1367.5	-538.2	11760.7	23334.4
	126	-32923.4	-2713.3	1367.5	538.2	0.0	0.0
86	26	40663.4	3194.7	-1224.8	-215.5	10532.9	27474.5
	126	-32923.4	-3194.7	1224.8	215.5	0.0	0.0
1	27	64674.9	6.0	367.4	6.1	-3159.4	51.8
	127	-54612.9	-6.0	-367.4	-6.1	0.0	0.0
2	27	64674.9	-3.0	-183.7	-3.1	1579.4	-25.9

	127	-54612.9	3.0	183.7	3.1	0.0	0.0
3	27	64674.9	-737.8	72.3	59.9	-621.7	-6345.1
	127	-54612.9	737.8	-72.3	-59.9	0.0	0.0
4	27	64674.9	826.7	-126.1	-104.5	1084.5	7109.3
	127	-54612.9	-826.7	126.1	104.5	0.0	0.0
5	27	59066.4	10.0	612.3	10.2	-5265.7	86.3
	127	-49004.4	-10.0	-612.3	-10.2	0.0	0.0
6	27	59066.4	-5.0	-306.1	-5.1	2632.4	-43.1
	127	-49004.4	5.0	306.1	5.1	0.0	0.0
7	27	59066.4	-1229.7	120.5	99.8	-1036.2	-10575.1
	127	-49004.4	1229.7	-120.5	-99.8	0.0	0.0
8	27	59066.4	1377.8	-210.2	-174.1	1807.6	11848.9
	127	-49004.4	-1377.8	210.2	174.1	0.0	0.0
9	27	40114.9	-1921.8	3558.3	-347.7	-30601.2	-16527.4
	127	-32374.9	1921.8	-3558.3	347.7	0.0	0.0
10	27	40114.9	-1645.4	4019.9	18.5	-34571.3	-14150.4
	127	-32374.9	1645.4	-4019.9	-18.5	0.0	0.0
11	27	40114.9	-78.1	2821.7	-954.9	-24266.7	-671.8
	127	-32374.9	78.1	-2821.7	954.9	0.0	0.0
12	27	40114.9	198.3	3283.4	-588.7	-28236.8	1705.3
	127	-32374.9	-198.3	-3283.4	588.7	0.0	0.0
13	27	40114.9	406.9	4135.0	955.9	-35561.4	3499.5
	127	-32374.9	-406.9	-4135.0	-955.9	0.0	0.0
14	27	40114.9	683.3	4596.7	1322.1	-39531.5	5876.6
	127	-32374.9	-683.3	-4596.7	-1322.1	0.0	0.0
15	27	40114.9	2250.6	3398.5	348.8	-29226.9	19355.2
	127	-32374.9	-2250.6	-3398.5	-348.8	0.0	0.0
16	27	40114.9	2527.0	3860.1	714.9	-33197.0	21732.2
	127	-32374.9	-2527.0	-3860.1	-714.9	0.0	0.0
17	27	40114.9	-2527.0	-3860.1	-714.9	33197.0	-21732.2
	127	-32374.9	2527.0	3860.1	714.9	0.0	0.0
18	27	40114.9	-2250.6	-3398.5	-348.8	29226.9	-19355.2
	127	-32374.9	2250.6	3398.5	348.8	0.0	0.0
19	27	40114.9	-683.3	-4596.7	-1322.1	39531.4	-5876.6
	127	-32374.9	683.3	4596.7	1322.1	0.0	0.0
20	27	40114.9	-406.9	-4135.0	-955.9	35561.4	-3499.5
	127	-32374.9	406.9	4135.0	955.9	0.0	0.0
21	27	40114.9	-198.3	-3283.4	588.7	28236.8	-1705.3
	127	-32374.9	198.3	3283.4	-588.7	0.0	0.0
22	27	40114.9	78.1	-2821.7	954.9	24266.7	671.8
	127	-32374.9	-78.1	2821.7	-954.9	0.0	0.0
23	27	40114.9	1645.4	-4019.9	-18.5	34571.3	14150.4
	127	-32374.9	-1645.4	4019.9	18.5	0.0	0.0
24	27	40114.9	1921.8	-3558.3	347.7	30601.2	16527.4
	127	-32374.9	-1921.8	3558.3	-347.7	0.0	0.0
25	27	40114.9	-3792.0	1484.5	261.2	-12766.3	-32611.2
	127	-32374.9	3792.0	-1484.5	-261.2	0.0	0.0
26	27	40114.9	-3093.4	1657.5	652.3	-14254.4	-26603.1
	127	-32374.9	3093.4	-1657.5	-652.3	0.0	0.0
27	27	40114.9	-3973.6	-741.1	151.1	6373.2	-34172.6
	127	-32374.9	3973.6	741.1	-151.1	0.0	0.0
28	27	62900.5	-3274.9	-568.0	542.2	4885.1	-28164.6
	127	-55160.5	3274.9	568.0	-542.2	0.0	0.0
29	27	40114.9	-2870.7	3023.2	1481.8	-25999.9	-24687.7
	127	-32374.9	2870.7	-3023.2	-1481.8	0.0	0.0
30	27	40114.9	-2172.0	3196.3	1872.9	-27488.0	-18679.6
	127	-32374.9	2172.0	-3196.3	-1872.9	0.0	0.0
31	27	40114.9	-3052.2	797.7	1371.6	-6860.5	-26249.1
	127	-32374.9	3052.2	-797.7	-1371.6	0.0	0.0
32	27	40114.9	-2353.6	970.8	1762.7	-8348.5	-20241.1
	127	-32374.9	2353.6	-970.8	-1762.7	0.0	0.0
33	27	40114.9	2353.6	-970.8	-1762.7	8348.5	20241.1
	127	-32374.9	-2353.6	970.8	1762.7	0.0	0.0
34	27	40114.9	3052.2	-797.7	-1371.6	6860.5	26249.1
	127	-32374.9	-3052.2	797.7	1371.6	0.0	0.0

35	27	40114.9	2172.0	-3196.3	-1872.9	27488.0	18679.6
	127	-32374.9	-2172.0	3196.3	1872.9	0.0	0.0
36	27	40114.9	2870.7	-3023.2	-1481.8	25999.9	24687.7
	127	-32374.9	-2870.7	3023.2	1481.8	0.0	0.0
37	27	40114.9	3274.9	568.0	-542.2	-4885.1	28164.6
	127	-32374.9	-3274.9	-568.0	542.2	0.0	0.0
38	27	40114.9	3973.6	741.1	-151.1	-6373.1	34172.6
	127	-32374.9	-3973.6	-741.1	151.1	0.0	0.0
39	27	40114.9	3093.4	-1657.5	-652.3	14254.4	26603.1
	127	-32374.9	-3093.4	1657.5	652.3	0.0	0.0
40	27	40114.9	3792.0	-1484.5	-261.2	12766.3	32611.2
	127	-32374.9	-3792.0	1484.5	261.2	0.0	0.0
41	27	47592.8	4.0	244.9	4.1	-2106.3	34.5
	127	-39852.8	-4.0	-244.9	-4.1	0.0	0.0
42	27	47592.8	-2.0	-122.4	-2.0	1053.0	-17.3
	127	-39852.8	2.0	122.4	2.0	0.0	0.0
43	27	47592.8	-491.9	48.2	39.9	-414.5	-4230.0
	127	-39852.8	491.9	-48.2	-39.9	0.0	0.0
44	27	47592.8	551.1	-84.1	-69.6	723.0	4739.6
	127	-39852.8	-551.1	84.1	69.6	0.0	0.0
45	27	43853.8	6.7	408.2	6.8	-3510.4	57.5
	127	-36113.8	-6.7	-408.2	-6.8	0.0	0.0
46	27	43853.8	-3.3	-204.1	-3.4	1754.9	-28.8
	127	-36113.8	3.3	204.1	3.4	0.0	0.0
47	27	43853.8	-819.8	80.3	66.5	-690.8	-7050.1
	127	-36113.8	819.8	-80.3	-66.5	0.0	0.0
48	27	43853.8	918.5	-140.1	-116.1	1205.0	7899.3
	127	-36113.8	-918.5	140.1	116.1	0.0	0.0
49	27	41610.4	0.0	0.0	0.0	0.0	0.0
	127	-33870.5	0.0	0.0	0.0	0.0	0.0
50	27	40114.9	1.3	81.6	1.4	-702.1	11.5
	127	-32374.9	-1.3	-81.6	-1.4	0.0	0.0
51	27	40114.9	-0.7	-40.8	-0.7	351.0	-5.8
	127	-32374.9	0.7	40.8	0.7	0.0	0.0
52	27	40114.9	-164.0	16.1	13.3	-138.2	-1410.0
	127	-32374.9	164.0	-16.1	-13.3	0.0	0.0
53	27	40114.9	183.7	-28.0	-23.2	241.0	1579.9
	127	-32374.9	-183.7	28.0	23.2	0.0	0.0
54	27	40114.9	0.0	0.0	0.0	0.0	0.0
	127	-32374.9	0.0	0.0	0.0	0.0	0.0
55	27	40114.9	-1585.6	2935.8	-286.9	-25247.8	-13636.1
	127	-32374.9	1585.6	-2935.8	286.9	0.0	0.0
56	27	40114.9	-1357.5	3316.7	15.2	-28523.3	-11674.9
	127	-32374.9	1357.5	-3316.7	-15.2	0.0	0.0
57	27	40114.9	-64.4	2328.1	-787.8	-20021.5	-554.2
	127	-32374.9	64.4	-2328.1	787.8	0.0	0.0
58	27	40114.9	163.6	2709.0	-485.7	-23297.0	1407.0
	127	-32374.9	-163.6	-2709.0	485.7	0.0	0.0
59	27	40114.9	335.7	3411.6	788.7	-29340.2	2887.3
	127	-32374.9	-335.7	-3411.6	-788.7	0.0	0.0
60	27	40114.9	563.8	3792.5	1090.8	-32615.7	4848.5
	127	-32374.9	-563.8	-3792.5	-1090.8	0.0	0.0
61	27	62900.5	1856.9	2803.9	287.7	-24113.9	15969.1
	127	-55160.5	-1856.9	-2803.9	-287.7	0.0	0.0
62	27	40114.9	2084.9	3184.8	589.9	-27389.4	17930.3
	127	-32374.9	-2084.9	-3184.8	-589.9	0.0	0.0
63	27	40114.9	-2084.9	-3184.8	-589.9	27389.4	-17930.3
	127	-32374.9	2084.9	3184.8	589.9	0.0	0.0
64	27	40114.9	-1856.9	-2803.9	-287.7	24113.9	-15969.1
	127	-32374.9	1856.9	2803.9	287.7	0.0	0.0
65	27	40114.9	-563.8	-3792.5	-1090.8	32615.7	-4848.5
	127	-32374.9	563.8	3792.5	1090.8	0.0	0.0
66	27	40114.9	-335.7	-3411.6	-788.7	29340.2	-2887.3
	127	-32374.9	335.7	3411.6	788.7	0.0	0.0
67	27	40114.9	-163.6	-2709.0	485.7	23297.0	-1407.0

	127	-32374.9	163.6	2709.0	-485.7	0.0	0.0
68	27	40114.9	64.4	-2328.1	787.8	20021.5	554.2
	127	-32374.9	-64.4	2328.1	-787.8	0.0	0.0
69	27	40114.9	1357.5	-3316.7	-15.2	28523.3	11674.9
	127	-32374.9	-1357.5	3316.7	15.2	0.0	0.0
70	27	40114.9	1585.6	-2935.8	286.9	25247.7	13636.1
	127	-32374.9	-1585.6	2935.8	-286.9	0.0	0.0
71	27	62900.5	-3128.6	1224.8	215.5	-10532.9	-26906.1
	127	-55160.5	3128.6	-1224.8	-215.5	0.0	0.0
72	27	40114.9	-2552.2	1367.5	538.2	-11760.7	-21949.1
	127	-32374.9	2552.2	-1367.5	-538.2	0.0	0.0
73	27	40114.9	-3278.4	-611.4	124.6	5258.2	-28194.4
	127	-32374.9	3278.4	611.4	-124.6	0.0	0.0
74	27	40114.9	-2702.0	-468.7	447.3	4030.5	-23237.4
	127	-32374.9	2702.0	468.7	-447.3	0.0	0.0
75	27	40114.9	-2368.5	2494.4	1222.5	-21451.5	-20368.8
	127	-32374.9	2368.5	-2494.4	-1222.5	0.0	0.0
76	27	40114.9	-1792.1	2637.1	1545.2	-22679.2	-15411.8
	127	-32374.9	1792.1	-2637.1	-1545.2	0.0	0.0
77	27	40114.9	-2518.3	658.2	1131.7	-5660.3	-21657.1
	127	-32374.9	2518.3	-658.2	-1131.7	0.0	0.0
78	27	40114.9	-1941.9	800.9	1454.3	-6888.0	-16700.0
	127	-32374.9	1941.9	-800.9	-1454.3	0.0	0.0
79	27	40114.9	1941.9	-800.9	-1454.3	6888.0	16700.0
	127	-32374.9	-1941.9	800.9	1454.3	0.0	0.0
80	27	40114.9	2518.3	-658.2	-1131.7	5660.3	21657.1
	127	-32374.9	-2518.3	658.2	1131.7	0.0	0.0
81	27	40114.9	1792.1	-2637.1	-1545.2	22679.2	15411.8
	127	-32374.9	-1792.1	2637.1	1545.2	0.0	0.0
82	27	40114.9	2368.5	-2494.4	-1222.5	21451.5	20368.8
	127	-32374.9	-2368.5	2494.4	1222.5	0.0	0.0
83	27	40114.9	2702.0	468.7	-447.3	-4030.5	23237.4
	127	-32374.9	-2702.0	-468.7	447.3	0.0	0.0
84	27	40114.9	3278.4	611.4	-124.6	-5258.2	28194.4
	127	-32374.9	-3278.4	-611.4	124.6	0.0	0.0
85	27	40114.9	2552.2	-1367.5	-538.2	11760.7	21949.1
	127	-32374.9	-2552.2	1367.5	538.2	0.0	0.0
86	27	40114.9	3128.6	-1224.8	-215.5	10532.9	26906.1
	127	-32374.9	-3128.6	1224.8	215.5	0.0	0.0
1	28	38024.0	9.5	367.4	6.1	-3159.4	82.0
	128	-27962.0	-9.5	-367.4	-6.1	0.0	0.0
2	28	38024.0	-4.8	-183.7	-3.1	1579.4	-41.0
	128	-27962.0	4.8	183.7	3.1	0.0	0.0
3	28	38024.0	-703.3	72.3	59.9	-621.7	-6048.7
	128	-27962.0	703.3	-72.3	-59.9	0.0	0.0
4	28	38024.0	766.6	-126.1	-104.5	1084.5	6592.5
	128	-27962.0	-766.6	126.1	104.5	0.0	0.0
5	28	36280.5	15.9	612.3	10.2	-5265.7	136.7
	128	-26218.5	-15.9	-612.3	-10.2	0.0	0.0
6	28	36280.5	-7.9	-306.1	-5.1	2632.4	-68.3
	128	-26218.5	7.9	306.1	5.1	0.0	0.0
7	28	36280.5	-1172.2	120.5	99.8	-1036.2	-10081.2
	128	-26218.5	1172.2	-120.5	-99.8	0.0	0.0
8	28	36280.5	1277.6	-210.2	-174.1	1807.6	10987.4
	128	-26218.5	-1277.6	210.2	174.1	0.0	0.0
9	28	26254.0	-2080.7	3558.3	-347.7	-30601.2	-17893.9
	128	-18514.0	2080.7	-3558.3	347.7	0.0	0.0
10	28	26254.0	-1912.4	4019.9	18.5	-34571.3	-16446.3
	128	-18514.0	1912.4	-4019.9	-18.5	0.0	0.0
11	28	26254.0	-195.6	2821.7	-954.9	-24266.7	-1682.3
	128	-18514.0	195.6	-2821.7	954.9	0.0	0.0
12	28	26254.0	-27.3	3283.4	-588.7	-28236.8	-234.7
	128	-18514.0	27.3	-3283.4	588.7	0.0	0.0
13	28	26254.0	780.9	4135.0	955.9	-35561.4	6716.1

	128	-18514.0	-780.9	-4135.0	-955.9	0.0	0.0
14	28	26254.0	949.3	4596.7	1322.1	-39531.5	8163.7
	128	-18514.0	-949.3	-4596.7	-1322.1	0.0	0.0
15	28	26254.0	2666.0	3398.5	348.8	-29226.9	22927.7
	128	-18514.0	-2666.0	-3398.5	-348.8	0.0	0.0
16	28	26254.0	2834.3	3860.1	714.9	-33197.0	24375.3
	128	-18514.0	-2834.3	-3860.1	-714.9	0.0	0.0
17	28	26254.0	-2834.3	-3860.1	-714.9	33197.0	-24375.3
	128	-18514.0	2834.3	3860.1	714.9	0.0	0.0
18	28	26254.0	-2666.0	-3398.5	-348.8	29226.9	-22927.7
	128	-18514.0	2666.0	3398.5	348.8	0.0	0.0
19	28	26254.0	-949.3	-4596.7	-1322.1	39531.4	-8163.7
	128	-18514.0	949.3	4596.7	1322.1	0.0	0.0
20	28	26254.0	-780.9	-4135.0	-955.9	35561.4	-6716.1
	128	-18514.0	780.9	4135.0	955.9	0.0	0.0
21	28	26254.0	27.3	-3283.4	588.7	28236.8	234.7
	128	-18514.0	-27.3	3283.4	-588.7	0.0	0.0
22	28	26254.0	195.6	-2821.7	954.9	24266.7	1682.3
	128	-18514.0	-195.6	2821.7	-954.9	0.0	0.0
23	28	26254.0	1912.4	-4019.9	-18.5	34571.3	16446.3
	128	-18514.0	-1912.4	4019.9	18.5	0.0	0.0
24	28	26254.0	2080.7	-3558.3	347.7	30601.2	17893.9
	128	-18514.0	-2080.7	3558.3	-347.7	0.0	0.0
25	28	26254.0	-3738.5	1484.5	261.2	-12766.3	-32151.4
	128	-18514.0	3738.5	-1484.5	-261.2	0.0	0.0
26	28	26254.0	-2880.0	1657.5	652.3	-14254.4	-24768.4
	128	-18514.0	2880.0	-1657.5	-652.3	0.0	0.0
27	28	26254.0	-3964.6	-741.1	151.1	6373.2	-34095.8
	128	-18514.0	3964.6	741.1	-151.1	0.0	0.0
28	28	37669.6	-3106.1	-568.0	542.2	4885.1	-26712.8
	128	-29929.6	3106.1	568.0	-542.2	0.0	0.0
29	28	26254.0	-3177.4	3023.2	1481.8	-25999.9	-27326.1
	128	-18514.0	3177.4	-3023.2	-1481.8	0.0	0.0
30	28	26254.0	-2319.0	3196.3	1872.9	-27488.0	-19943.1
	128	-18514.0	2319.0	-3196.3	-1872.9	0.0	0.0
31	28	26254.0	-3403.5	797.7	1371.6	-6860.5	-29270.5
	128	-18514.0	3403.5	-797.7	-1371.6	0.0	0.0
32	28	26254.0	-2545.1	970.8	1762.7	-8348.5	-21887.5
	128	-18514.0	2545.1	-970.8	-1762.7	0.0	0.0
33	28	26254.0	2545.1	-970.8	-1762.7	8348.5	21887.5
	128	-18514.0	-2545.1	970.8	1762.7	0.0	0.0
34	28	26254.0	3403.5	-797.7	-1371.6	6860.5	29270.5
	128	-18514.0	-3403.5	797.7	1371.6	0.0	0.0
35	28	26254.0	2319.0	-3196.3	-1872.9	27488.0	19943.1
	128	-18514.0	-2319.0	3196.3	1872.9	0.0	0.0
36	28	26254.0	3177.4	-3023.2	-1481.8	25999.9	27326.1
	128	-18514.0	-3177.4	3023.2	1481.8	0.0	0.0
37	28	26254.0	3106.1	568.0	-542.2	-4885.1	26712.8
	128	-18514.0	-3106.1	-568.0	542.2	0.0	0.0
38	28	26254.0	3964.6	741.1	-151.1	-6373.1	34095.8
	128	-18514.0	-3964.6	-741.1	151.1	0.0	0.0
39	28	26254.0	2880.0	-1657.5	-652.3	14254.4	24768.4
	128	-18514.0	-2880.0	1657.5	652.3	0.0	0.0
40	28	26254.0	3738.5	-1484.5	-261.2	12766.3	32151.4
	128	-18514.0	-3738.5	1484.5	261.2	0.0	0.0
41	28	28578.6	6.4	244.9	4.1	-2106.3	54.7
	128	-20838.6	-6.4	-244.9	-4.1	0.0	0.0
42	28	28578.6	-3.2	-122.4	-2.0	1053.0	-27.3
	128	-20838.6	3.2	122.4	2.0	0.0	0.0
43	28	28578.6	-468.9	48.2	39.9	-414.5	-4032.5
	128	-20838.6	468.9	-48.2	-39.9	0.0	0.0
44	28	28578.6	511.0	-84.1	-69.6	723.0	4395.0
	128	-20838.6	-511.0	84.1	69.6	0.0	0.0
45	28	27416.3	10.6	408.2	6.8	-3510.4	91.1
	128	-19676.3	-10.6	-408.2	-6.8	0.0	0.0

46	28	27416.3	-5.3	-204.1	-3.4	1754.9	-45.6
	128	-19676.3	5.3	204.1	3.4	0.0	0.0
47	28	27416.3	-781.5	80.3	66.5	-690.8	-6720.8
	128	-19676.3	781.5	-80.3	-66.5	0.0	0.0
48	28	27416.3	851.7	-140.1	-116.1	1205.0	7324.9
	128	-19676.3	-851.7	140.1	116.1	0.0	0.0
49	28	26718.9	0.0	0.0	0.0	0.0	0.0
	128	-18978.9	0.0	0.0	0.0	0.0	0.0
50	28	26254.0	2.1	81.6	1.4	-702.1	18.2
	128	-18514.0	-2.1	-81.6	-1.4	0.0	0.0
51	28	26254.0	-1.1	-40.8	-0.7	351.0	-9.1
	128	-18514.0	1.1	40.8	0.7	0.0	0.0
52	28	26254.0	-156.3	16.1	13.3	-138.2	-1344.2
	128	-18514.0	156.3	-16.1	-13.3	0.0	0.0
53	28	26254.0	170.3	-28.0	-23.2	241.0	1465.0
	128	-18514.0	-170.3	28.0	23.2	0.0	0.0
54	28	26254.0	0.0	0.0	0.0	0.0	0.0
	128	-18514.0	0.0	0.0	0.0	0.0	0.0
55	28	26254.0	-1716.7	2935.8	-286.9	-25247.8	-14763.5
	128	-18514.0	1716.7	-2935.8	286.9	0.0	0.0
56	28	26254.0	-1577.8	3316.7	15.2	-28523.3	-13569.2
	128	-18514.0	1577.8	-3316.7	-15.2	0.0	0.0
57	28	26254.0	-161.4	2328.1	-787.8	-20021.5	-1388.0
	128	-18514.0	161.4	-2328.1	787.8	0.0	0.0
58	28	26254.0	-22.5	2709.0	-485.7	-23297.0	-193.6
	128	-18514.0	22.5	-2709.0	485.7	0.0	0.0
59	28	26254.0	644.3	3411.6	788.7	-29340.2	5541.1
	128	-18514.0	-644.3	-3411.6	-788.7	0.0	0.0
60	28	26254.0	783.2	3792.5	1090.8	-32615.7	6735.5
	128	-18514.0	-783.2	-3792.5	-1090.8	0.0	0.0
61	28	37669.6	2199.6	2803.9	287.7	-24113.9	18916.7
	128	-29929.6	-2199.6	-2803.9	-287.7	0.0	0.0
62	28	26254.0	2338.5	3184.8	589.9	-27389.4	20111.0
	128	-18514.0	-2338.5	-3184.8	-589.9	0.0	0.0
63	28	26254.0	-2338.5	-3184.8	-589.9	27389.4	-20111.0
	128	-18514.0	2338.5	3184.8	589.9	0.0	0.0
64	28	26254.0	-2199.6	-2803.9	-287.7	24113.9	-18916.7
	128	-18514.0	2199.6	2803.9	287.7	0.0	0.0
65	28	26254.0	-783.2	-3792.5	-1090.8	32615.7	-6735.5
	128	-18514.0	783.2	3792.5	1090.8	0.0	0.0
66	28	26254.0	-644.3	-3411.6	-788.7	29340.2	-5541.1
	128	-18514.0	644.3	3411.6	788.7	0.0	0.0
67	28	26254.0	22.5	-2709.0	485.7	23297.0	193.6
	128	-18514.0	-22.5	2709.0	-485.7	0.0	0.0
68	28	26254.0	161.4	-2328.1	787.8	20021.5	1388.0
	128	-18514.0	-161.4	2328.1	-787.8	0.0	0.0
69	28	26254.0	1577.8	-3316.7	-15.2	28523.3	13569.2
	128	-18514.0	-1577.8	3316.7	15.2	0.0	0.0
70	28	26254.0	1716.7	-2935.8	286.9	25247.7	14763.5
	128	-18514.0	-1716.7	2935.8	-286.9	0.0	0.0
71	28	37669.6	-3084.5	1224.8	215.5	-10532.9	-26526.7
	128	-29929.6	3084.5	-1224.8	-215.5	0.0	0.0
72	28	26254.0	-2376.2	1367.5	538.2	-11760.7	-20435.3
	128	-18514.0	2376.2	-1367.5	-538.2	0.0	0.0
73	28	26254.0	-3271.0	-611.4	124.6	5258.2	-28131.0
	128	-18514.0	3271.0	611.4	-124.6	0.0	0.0
74	28	26254.0	-2562.7	-468.7	447.3	4030.5	-22039.6
	128	-18514.0	2562.7	468.7	-447.3	0.0	0.0
75	28	26254.0	-2621.6	2494.4	1222.5	-21451.5	-22545.6
	128	-18514.0	2621.6	-2494.4	-1222.5	0.0	0.0
76	28	26254.0	-1913.3	2637.1	1545.2	-22679.2	-16454.2
	128	-18514.0	1913.3	-2637.1	-1545.2	0.0	0.0
77	28	26254.0	-2808.1	658.2	1131.7	-5660.3	-24149.8
	128	-18514.0	2808.1	-658.2	-1131.7	0.0	0.0
78	28	26254.0	-2099.8	800.9	1454.3	-6888.0	-18058.4

	128	-18514.0	2099.8	-800.9	-1454.3	0.0	0.0
79	28	26254.0	2099.8	-800.9	-1454.3	6888.0	18058.4
	128	-18514.0	-2099.8	800.9	1454.3	0.0	0.0
80	28	26254.0	2808.1	-658.2	-1131.7	5660.3	24149.8
	128	-18514.0	-2808.1	658.2	1131.7	0.0	0.0
81	28	26254.0	1913.3	-2637.1	-1545.2	22679.2	16454.2
	128	-18514.0	-1913.3	2637.1	1545.2	0.0	0.0
82	28	26254.0	2621.6	-2494.4	-1222.5	21451.5	22545.6
	128	-18514.0	-2621.6	2494.4	1222.5	0.0	0.0
83	28	26254.0	2562.7	468.7	-447.3	-4030.5	22039.6
	128	-18514.0	-2562.7	-468.7	447.3	0.0	0.0
84	28	26254.0	3271.0	611.4	-124.6	-5258.2	28131.0
	128	-18514.0	-3271.0	-611.4	124.6	0.0	0.0
85	28	26254.0	2376.2	-1367.5	-538.2	11760.7	20435.3
	128	-18514.0	-2376.2	1367.5	538.2	0.0	0.0
86	28	26254.0	3084.5	-1224.8	-215.5	10532.9	26526.7
	128	-18514.0	-3084.5	1224.8	215.5	0.0	0.0

- En.Ex.Sys. WinStrand
- Dati relativi ai nodi della struttura
- Dati relativi ai solai della struttura
- Elementi tipo pilastro
- Elementi tipo trave
- Condizioni e combinazioni di carico
- Carichi e coppie applicati ai nodi
- Carichi e coppie applicati ai solai
- Dati relativi alle aree di carico
- Carichi applicati agli elementi
- Analisi dinamica
- Spostamenti nodali
- Sollecitazioni nei pilastri

CORPO 3B

F:\PREFABBRICATO\CAMPOGALLIANO\Giulia\Giulia-CUP\COMMESSE\2010_AMT\massimo\officina_struttura3B_con impalcato\struttura3B.dt
- 15 December 2010 - WinStrand (Service Pack 028)

- En.Ex.Sys. WinStrand

- Structural Analisys & Design

Ditta produttrice:
En.Ex.Sys. s.r.l. - Via Tizzano 46/2 - Casalecchio di Reno (Bologna)

Sigla:
WinStrand

Piattaforma software:
Microsoft Windows XP Home, Microsoft Windows XP Home Professional

Documentazione in uso:
Manuale teorico - Manuale d'uso

Campo di applicazione:
Analisi statica e dinamica di strutture in campo elastico lineare.

- Elementi finiti implementati

- Truss.
- Beam (Modellazione di Travi e Pilastri).
- Travi su suolo elastico alla Winckler.
- Plinti su suolo elastico alla Winckler.
- Elementi Shear Wall per la modellazione di pareti di taglio.
- Elementi shell (lastra/piastra) equivalenti.
- Elementi Isoparametrici a 8 Nodi Shell (lastra/piastra).

- Schemi di Carico

- Carichi nodali concentrati.
- Carichi applicati direttamente agli elementi.
- Carichi Superficiali.

- Tipo di Risoluzione

- Analisi statica e/o dinamica in campo lineare con il metodo dell'equilibrio.
- Fattorizzazione LDL^T.
- Analisi Statica:
  - modellazione generale 6 gradi di libertà per nodo.
  - ipotesi di solai infinitamente rigidi nel proprio piano (3 gradi di libertà per nodo + 3 per impalcato).
- Analisi dinamica. (Nel caso di analisi modale gli autovettori ed autovalori possono essere calcolati mediante *subspace iteration* oppure tramite il *metodo dei vettori di Ritz*):
  - Via statica equivalente.
  - Modale con il metodo dello spettro di risposta.

- Normativa di riferimento

La normativa italiana cui viene fatto riferimento nelle fasi di calcolo e progettazione è la seguente:

- Legge n. 1086 del 5 Novembre 1971. *"Norme per la disciplina delle opere di conglomerato cementizio armato, normale e precompresso, ed a struttura metallica".*
- Legge n. 64 del 2 Febbraio 1974. *"Provvedimenti per le costruzioni con particolari prescrizioni per le zone sismiche".*
- D.M. del 3 Marzo 1975. *"Approvazione delle norme tecniche per le costruzioni in zone sismiche".*
- D.M. del 3 Marzo 1975. *"Disposizioni concernenti l'applicazione delle norme tecniche per le costruzioni in zone sismiche".*
- D.M. del 3 Ottobre 1978. *"Criteri generali per la verifica della sicurezza delle costruzioni e dei carichi e sovraccarichi".*
- D.M. del 14 Febbraio 1992. *"Norme Tecniche per l'esecuzione delle opere in C.A. normale e precompresso e per le strutture metalliche".*
- *Istruzioni per la valutazione delle: Azioni sulle Costruzioni.* (C.N.R. 10012/85)
- D.M. del 9 Gennaio 1996. *"Norme Tecniche per il calcolo, l'esecuzione ed il collaudo delle strutture in cemento armato, normale e precompresso e per le strutture metalliche".*
- D.M. del 16 Gennaio 1996. *"Norme tecniche relative ai «Criteri generali per la verifica di sicurezza delle costruzioni e dei carichi e sovraccarichi»".*
- D.M del 16 Gennaio 1996. *"Norme tecniche per le costruzioni in zone sismiche"*
- Ordinanza n. 3274 del 20 Marzo 2003. *"Primi elementi in materia di criteri generali per la classificazione sismica del territorio nazionale e di normative tecniche per le costruzioni in zona sismica"*
- Ordinanza n. 3316. *"Modifiche ed integrazioni all'ordinanza del Presidente del Consiglio dei Ministri n. 3274 del 20 Marzo 2003"*
- D.M. del 14 Gennaio 2008 *"Approvazione delle nuove norme tecniche per le costruzioni"*

Progetto ..... : *OFFICINA_3B*

Committente ..... : *AMT VERONA*

- Indice

- Dati relativi ai nodi della struttura
- Dati relativi ai solai della struttura
- Elementi tipo pilastro
- Elementi tipo trave
- Condizioni e combinazioni di carico
- Carichi e coppie applicati ai nodi
- Carichi e coppie applicati ai solai
- Dati relativi alle aree di carico
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- Spostamenti nodali
- Sollecitazioni nei pilastri

- Dati relativi ai nodi della struttura

- Convenzioni adottate

La terna di riferimento generale è destrorsa.

I nodi vengono numerati, con riferimento a una sezione orizzontale, da sinistra a destra, dal basso verso l'alto e per quote crescenti.

L'impalcato di appartenenza di un nodo è definito, in generale, dalla prima delle tre cifre che ne definiscono il numero, possono tuttavia presentarsi casi in cui si hanno più di 100 nodi per solaio nel qual caso il solaio di appartenenza è specificato dall'ultimo valore stampato nella riga dei dati relativi al nodo.

La maschera dei vincoli è costituita dai valori 0 e 1. Il valore 1 indica che per il nodo in riferimento il grado di libertà correlativo è soppresso mentre il valore 0 indica che è libero.

Nel caso di edifici civili multipiano l'asse *z* generale coincide con l'asse verticale rivolto verso l'alto.

- Nodi

Nodo	x [m]	y [m]	z [m]	Ux	Uy	Uz	Rx	Ry	Rz	Solaio
1	60.00	0.00	0.00	1	1	1	1	1	1	0
2	72.00	0.00	0.00	1	1	1	1	1	1	0
3	84.00	0.00	0.00	1	1	1	1	1	1	0
4	96.00	0.00	0.00	1	1	1	1	1	1	0
5	108.00	0.00	0.00	1	1	1	1	1	1	0
6	120.00	0.00	0.00	1	1	1	1	1	1	0
7	60.00	8.14	0.00	1	1	1	1	1	1	0
8	72.00	8.14	0.00	1	1	1	1	1	1	0
9	84.00	8.14	0.00	1	1	1	1	1	1	0
10	96.00	8.14	0.00	1	1	1	1	1	1	0
11	108.00	8.14	0.00	1	1	1	1	1	1	0
12	120.00	8.14	0.00	1	1	1	1	1	1	0

13	60.00	16.27	0.00	1	1	1	1	1	1	0
14	72.00	16.27	0.00	1	1	1	1	1	1	0
15	84.00	16.27	0.00	1	1	1	1	1	1	0
16	96.00	16.27	0.00	1	1	1	1	1	1	0
17	108.00	16.27	0.00	1	1	1	1	1	1	0
18	120.00	16.27	0.00	1	1	1	1	1	1	0
19	60.00	32.53	0.00	1	1	1	1	1	1	0
20	72.00	32.53	0.00	1	1	1	1	1	1	0
21	84.00	32.53	0.00	1	1	1	1	1	1	0
22	96.00	32.53	0.00	1	1	1	1	1	1	0
23	108.00	32.53	0.00	1	1	1	1	1	1	0
24	120.00	32.53	0.00	1	1	1	1	1	1	0
25	60.00	48.80	0.00	1	1	1	1	1	1	0
26	72.00	48.80	0.00	1	1	1	1	1	1	0
27	84.00	48.80	0.00	1	1	1	1	1	1	0
28	96.00	48.80	0.00	1	1	1	1	1	1	0
29	108.00	48.80	0.00	1	1	1	1	1	1	0
30	120.00	48.80	0.00	1	1	1	1	1	1	0
101	60.00	0.00	4.36	0	0	0	0	0	0	1
102	72.00	0.00	4.36	0	0	0	0	0	0	1
103	84.00	0.00	4.36	0	0	0	0	0	0	1
104	96.00	0.00	4.36	0	0	0	0	0	0	1
105	108.00	0.00	4.36	0	0	0	0	0	0	1
106	120.00	0.00	4.36	0	0	0	0	0	0	1
107	60.00	8.14	4.36	0	0	0	1	1	1	1
108	72.00	8.14	4.36	0	0	0	1	1	1	1
109	84.00	8.14	4.36	0	0	0	1	1	1	1
110	96.00	8.14	4.36	0	0	0	1	1	0	1
111	108.00	8.14	4.36	0	0	0	1	1	0	1
112	120.00	8.14	4.36	0	0	0	1	1	0	1
113	60.42	0.00	4.36	0	0	0	0	0	0	1
114	71.58	0.00	4.36	0	0	0	0	0	0	1
115	72.42	0.00	4.36	0	0	0	0	0	0	1
116	83.58	0.00	4.36	0	0	0	0	0	0	1
117	84.42	0.00	4.36	0	0	0	0	0	0	1
118	95.58	0.00	4.36	0	0	0	0	0	0	1
119	96.42	0.00	4.36	0	0	0	0	0	0	1
120	107.58	0.00	4.36	0	0	0	0	0	0	1
121	108.42	0.00	4.36	0	0	0	0	0	0	1
122	119.58	0.00	4.36	0	0	0	0	0	0	1
201	60.00	0.00	8.60	0	0	0	1	1	0	2
202	72.00	0.00	8.60	0	0	0	1	1	0	2
203	84.00	0.00	8.60	0	0	0	1	1	0	2
204	96.00	0.00	8.60	0	0	0	1	1	0	2
205	108.00	0.00	8.60	0	0	0	1	1	0	2
206	120.00	0.00	8.60	0	0	0	1	1	0	2
207	64.00	0.00	8.60	0	0	0	0	0	0	2
208	69.00	0.00	8.60	0	0	0	0	0	0	2
209	74.00	0.00	8.60	0	0	0	0	0	0	2
210	79.00	0.00	8.60	0	0	0	0	0	0	2
211	84.05	0.00	8.60	0	0	0	0	0	0	2
212	89.05	0.00	8.60	0	0	0	0	0	0	2
213	60.00	16.27	8.60	0	0	0	1	1	0	2
214	72.00	16.27	8.60	0	0	0	1	1	0	2
215	84.00	16.27	8.60	0	0	0	1	1	0	2
216	96.00	16.27	8.60	0	0	0	1	1	0	2
217	108.00	16.27	8.60	0	0	0	1	1	0	2
218	120.00	16.27	8.60	0	0	0	1	1	0	2
219	60.00	32.53	8.60	0	0	0	1	1	0	2
220	72.00	32.53	8.60	0	0	0	1	1	0	2
221	84.00	32.53	8.60	0	0	0	1	1	0	2
222	96.00	32.53	8.60	0	0	0	1	1	0	2
223	108.00	32.53	8.60	0	0	0	1	1	0	2
224	120.00	32.53	8.60	0	0	0	1	1	0	2
225	60.00	48.80	8.60	0	0	0	1	1	0	2

226	72.00	48.80	8.60	0	0	0	1	1	0	2
227	84.00	48.80	8.60	0	0	0	1	1	0	2
228	96.00	48.80	8.60	0	0	0	1	1	0	2
229	108.00	48.80	8.60	0	0	0	1	1	0	2
230	120.00	48.80	8.60	0	0	0	1	1	0	2
231	94.05	0.00	8.60	0	0	0	0	0	0	2
232	99.05	0.00	8.60	0	0	0	0	0	0	2
233	104.05	0.00	8.60	0	0	0	0	0	0	2
234	109.05	0.00	8.60	0	0	0	0	0	0	2
235	114.05	0.00	8.60	0	0	0	0	0	0	2
236	119.05	0.00	8.60	0	0	0	0	0	0	2
237	64.00	16.27	8.60	0	0	0	0	0	0	2
238	69.00	16.27	8.60	0	0	0	0	0	0	2
239	74.00	16.27	8.60	0	0	0	0	0	0	2
240	79.00	16.27	8.60	0	0	0	0	0	0	2
241	84.05	16.27	8.60	0	0	0	0	0	0	2
242	89.05	16.27	8.60	0	0	0	0	0	0	2
243	94.05	16.27	8.60	0	0	0	0	0	0	2
244	99.05	16.27	8.60	0	0	0	0	0	0	2
245	104.05	16.27	8.60	0	0	0	0	0	0	2
246	109.05	16.27	8.60	0	0	0	0	0	0	2
247	114.05	16.27	8.60	0	0	0	0	0	0	2
248	119.05	16.27	8.60	0	0	0	0	0	0	2
249	64.00	32.53	8.60	0	0	0	0	0	0	2
250	69.00	32.53	8.60	0	0	0	0	0	0	2
251	74.00	32.53	8.60	0	0	0	0	0	0	2
252	79.00	32.53	8.60	0	0	0	0	0	0	2
253	84.05	32.53	8.60	0	0	0	0	0	0	2
254	89.05	32.53	8.60	0	0	0	0	0	0	2
255	94.05	32.53	8.60	0	0	0	0	0	0	2
256	99.05	32.53	8.60	0	0	0	0	0	0	2
257	104.05	32.53	8.60	0	0	0	0	0	0	2
258	109.05	32.53	8.60	0	0	0	0	0	0	2
259	114.05	32.53	8.60	0	0	0	0	0	0	2
260	119.05	32.53	8.60	0	0	0	0	0	0	2
261	64.00	48.80	8.60	0	0	0	0	0	0	2
262	69.00	48.80	8.60	0	0	0	0	0	0	2
263	74.00	48.80	8.60	0	0	0	0	0	0	2
264	79.00	48.80	8.60	0	0	0	0	0	0	2
265	84.05	48.80	8.60	0	0	0	0	0	0	2
266	89.05	48.80	8.60	0	0	0	0	0	0	2
267	94.05	48.80	8.60	0	0	0	0	0	0	2
268	99.05	48.80	8.60	0	0	0	0	0	0	2
269	104.05	48.80	8.60	0	0	0	0	0	0	2
270	109.05	48.80	8.60	0	0	0	0	0	0	2
271	114.05	48.80	8.60	0	0	0	0	0	0	2
272	119.05	48.80	8.60	0	0	0	0	0	0	2
10000	64.00	0.00	208.60	1	1	1	1	1	1	0
10001	69.00	16.27	208.60	1	1	1	1	1	1	0
10002	74.00	16.27	208.60	1	1	1	1	1	1	0
10003	74.00	0.00	208.60	1	1	1	1	1	1	0
10004	72.00	48.80	208.60	1	1	1	1	1	1	0
10005	72.00	32.53	208.60	1	1	1	1	1	1	0
10006	72.00	16.27	208.60	1	1	1	1	1	1	0
10007	0.85	48.80	208.60	1	1	1	1	1	1	0
10008	0.85	32.53	208.60	1	1	1	1	1	1	0
10009	73.95	0.00	208.60	1	1	1	1	1	1	0
10010	0.85	16.27	208.60	1	1	1	1	1	1	0
10011	69.00	32.53	208.60	1	1	1	1	1	1	0
10012	65.05	0.00	208.60	1	1	1	1	1	1	0
10013	78.95	32.53	208.60	1	1	1	1	1	1	0
10014	0.90	48.80	208.60	1	1	1	1	1	1	0
10015	78.95	16.27	208.60	1	1	1	1	1	1	0
10016	0.90	32.53	208.60	1	1	1	1	1	1	0
10017	78.95	0.00	208.60	1	1	1	1	1	1	0

10018	0.90	16.27	208.60	1	1	1	1	1	1	0
10019	60.00	16.27	208.60	1	1	1	1	1	1	0
10020	60.00	8.14	204.36	1	1	1	1	1	1	0
10021	60.00	260.60	0.00	1	1	1	1	1	1	0
10022	60.00	244.33	0.00	1	1	1	1	1	1	0
10023	60.00	216.27	0.00	1	1	1	1	1	1	0
10024	60.00	211.80	0.00	1	1	1	1	1	1	0
10025	60.00	211.80	0.00	1	1	1	1	1	1	0
10026	72.00	216.27	0.00	1	1	1	1	1	1	0
10027	84.00	216.27	0.00	1	1	1	1	1	1	0
10028	96.00	216.27	0.00	1	1	1	1	1	1	0
10029	108.00	216.27	0.00	1	1	1	1	1	1	0
10030	120.00	216.27	0.00	1	1	1	1	1	1	0
10031	120.00	219.93	-4.24	1	1	1	1	1	1	0
10032	108.00	219.93	-4.24	1	1	1	1	1	1	0
10033	96.00	219.93	-4.24	1	1	1	1	1	1	0
10034	84.00	219.93	-4.24	1	1	1	1	1	1	0
10035	72.00	219.93	-4.24	1	1	1	1	1	1	0
10036	72.00	260.60	0.00	1	1	1	1	1	1	0
10037	84.00	260.60	0.00	1	1	1	1	1	1	0
10038	96.00	260.60	0.00	1	1	1	1	1	1	0
10039	108.00	260.60	0.00	1	1	1	1	1	1	0
10040	120.00	260.60	0.00	1	1	1	1	1	1	0
10041	120.00	244.33	0.00	1	1	1	1	1	1	0
10042	108.00	244.33	0.00	1	1	1	1	1	1	0
10043	96.00	244.33	0.00	1	1	1	1	1	1	0
10044	84.00	244.33	0.00	1	1	1	1	1	1	0
10045	72.00	244.33	0.00	1	1	1	1	1	1	0
10046	120.00	211.80	0.00	1	1	1	1	1	1	0
10047	108.00	211.80	0.00	1	1	1	1	1	1	0
10048	96.00	211.80	0.00	1	1	1	1	1	1	0
10049	84.00	211.80	0.00	1	1	1	1	1	1	0
10050	72.00	211.80	0.00	1	1	1	1	1	1	0
10051	0.95	48.80	208.60	1	1	1	1	1	1	0
10052	0.95	48.80	208.60	1	1	1	1	1	1	0
10053	0.95	48.80	208.60	1	1	1	1	1	1	0
10054	0.95	48.80	208.60	1	1	1	1	1	1	0
10055	0.95	48.80	208.60	1	1	1	1	1	1	0
10056	0.95	48.80	208.60	1	1	1	1	1	1	0
10057	0.95	48.80	208.60	1	1	1	1	1	1	0
10058	0.95	48.80	208.60	1	1	1	1	1	1	0
10059	0.95	48.80	208.60	1	1	1	1	1	1	0
10060	0.95	48.80	208.60	1	1	1	1	1	1	0
10061	0.95	48.80	208.60	1	1	1	1	1	1	0
10062	0.95	32.53	208.60	1	1	1	1	1	1	0
10063	0.95	32.53	208.60	1	1	1	1	1	1	0
10064	0.95	32.53	208.60	1	1	1	1	1	1	0
10065	0.95	32.53	208.60	1	1	1	1	1	1	0
10066	0.95	32.53	208.60	1	1	1	1	1	1	0
10067	0.95	32.53	208.60	1	1	1	1	1	1	0
10068	0.95	32.53	208.60	1	1	1	1	1	1	0
10069	0.95	32.53	208.60	1	1	1	1	1	1	0
10070	0.95	32.53	208.60	1	1	1	1	1	1	0
10071	0.95	32.53	208.60	1	1	1	1	1	1	0
10072	0.95	32.53	208.60	1	1	1	1	1	1	0
10073	0.95	16.27	208.60	1	1	1	1	1	1	0
10074	0.95	16.27	208.60	1	1	1	1	1	1	0
10075	0.95	16.27	208.60	1	1	1	1	1	1	0
10076	0.95	16.27	208.60	1	1	1	1	1	1	0
10077	0.95	16.27	208.60	1	1	1	1	1	1	0
10078	0.95	16.27	208.60	1	1	1	1	1	1	0
10079	0.95	16.27	208.60	1	1	1	1	1	1	0
10080	0.95	16.27	208.60	1	1	1	1	1	1	0
10081	0.95	16.27	208.60	1	1	1	1	1	1	0
10082	0.95	16.27	208.60	1	1	1	1	1	1	0

10083	0.95	16.27	208.60	1	1	1	1	1	1	0
10084	0.95	0.00	208.60	1	1	1	1	1	1	0
10085	120.00	0.00	204.36	1	1	1	1	1	1	0
10086	108.00	8.14	204.36	1	1	1	1	1	1	0
10087	96.00	8.14	204.36	1	1	1	1	1	1	0
10088	84.00	8.14	204.36	1	1	1	1	1	1	0
10089	72.00	8.14	204.36	1	1	1	1	1	1	0
10090	46.65	0.00	204.66	1	1	1	1	1	1	0
10091	119.05	32.53	208.60	1	1	1	1	1	1	0
10092	119.05	16.27	208.60	1	1	1	1	1	1	0
10093	119.05	0.00	208.60	1	1	1	1	1	1	0
10094	114.05	0.00	208.60	1	1	1	1	1	1	0
10095	114.05	16.27	208.60	1	1	1	1	1	1	0
10096	114.05	32.53	208.60	1	1	1	1	1	1	0
10097	109.05	0.00	208.60	1	1	1	1	1	1	0
10098	109.05	16.27	208.60	1	1	1	1	1	1	0
10099	109.05	32.53	208.60	1	1	1	1	1	1	0
10100	104.05	0.00	208.60	1	1	1	1	1	1	0
10101	104.05	16.27	208.60	1	1	1	1	1	1	0
10102	104.05	32.53	208.60	1	1	1	1	1	1	0
10103	99.05	0.00	208.60	1	1	1	1	1	1	0
10104	99.05	16.27	208.60	1	1	1	1	1	1	0
10105	99.05	32.53	208.60	1	1	1	1	1	1	0
10106	94.05	0.00	208.60	1	1	1	1	1	1	0
10107	94.05	16.27	208.60	1	1	1	1	1	1	0
10108	94.05	32.53	208.60	1	1	1	1	1	1	0
10109	89.05	0.00	208.60	1	1	1	1	1	1	0
10110	89.05	16.27	208.60	1	1	1	1	1	1	0
10111	89.05	32.53	208.60	1	1	1	1	1	1	0
10112	84.05	0.00	208.60	1	1	1	1	1	1	0
10113	84.05	16.27	208.60	1	1	1	1	1	1	0
10114	84.05	32.53	208.60	1	1	1	1	1	1	0
10115	120.00	16.27	208.60	1	1	1	1	1	1	0
10116	72.95	0.00	208.60	1	1	1	1	1	1	0
10117	60.00	8.14	204.36	1	1	1	1	1	1	0
10118	60.00	219.93	-4.24	1	1	1	1	1	1	0
10119	72.00	48.80	208.60	1	1	1	1	1	1	0
10120	72.00	16.27	208.60	1	1	1	1	1	1	0
10121	72.00	32.53	208.60	1	1	1	1	1	1	0

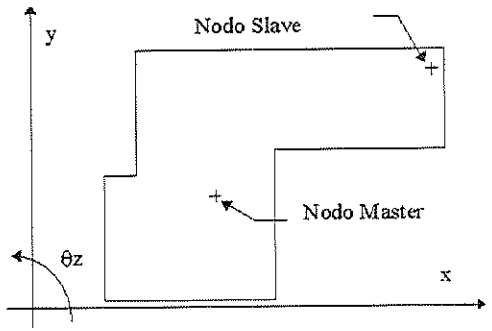
- Dati relativi ai solai della struttura

- Convenzioni adottate

Nel seguito con la dizione *solai* **non** sono individuati i solai che effetivamente verranno realizzati nella struttura bensi gli orizzonatamenti ai quali appartengono nodi per i quali vale l'ipotesi di impalcato infinitamente rigido.

Seguendo tale ipotesi di calcolo, le componenti di spostamento del singolo nodo di impalcato vengono in parte riferite a quelle di un nodo *master*, solitamente coincidente con il centro di massa dell'impalcato. In particolare le componenti di spostamento nodale sono cosi definite:

Componente di spostamento	espressa da
U_x	$U_{xMaster} - \theta_{zMaster} \times (Y_{Master} - Y_{Nodo})$
U_y	$U_{yMaster} + \theta_{zMaster} \times (X_{Master} - X_{Nodo})$
U_z	U_{zNodo}
θ_x	θ_{xNodo}
θ_y	θ_{yNodo}
θ_z	$\theta_{zMaster}$



Solaio	x [m]	y [m]	z [m]	Massa [UTM]	Jpolare [UTM m²]
1	90.00	4.00	4.36	57731.9	18239360.0
2	93.01	24.62	8.60	131226.0	81327832.0

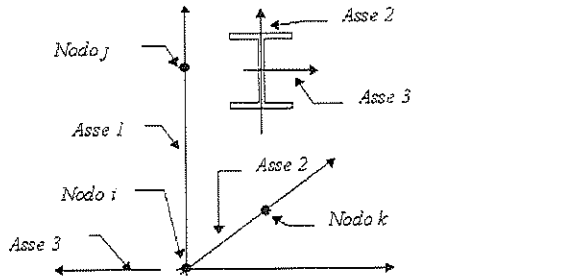
- Elementi tipo pilastro

- Convenzioni adottate

Ogni elemento tipo pilastro viene identificato da:

- Il nodo iniziale **i**;
- Il nodo finale **j**;
- Il nodo **k** che definisce l'orientamento nello spazio della terna riferimento locale dell'elemento.

La terna di riferimento locale del pilastro risulta quindi essere così disposta:



Sistema di riferimento locale

Vengono riportati i valori di efficacia dei vincoli flessionali alle estremità dell'elemento (variabili fra lo **0%** e il **100%**), nei due piani **1-2** e **1-3** del pilastro in corrispondenza dei nodi, dando quindi la possibilità di considerare aste non perfettamente incastrate alle estremità (coefficienti **Vi12 - Vj12 - Vi13 - Vj13**).

In generale, se non diversamente disposto, l'asse 2 coincide, per i pilastri, con l'asse **y** globale e pertanto la disposizione della sezione coincide con quella che si avrebbe in una vista in pianta.

- Caratteristiche dei Materiali:

Tipo	Modulo Elastico [kg/cm²]	v	alfa [1/°C]	Peso Specifico [kg/m³]	Commento
1	200000.0	0.000	0.000001	2500.0	C40/50

- Sezioni Impiegate:

Sezione	Materiale	Tipo di Sezione	Parametri Dimensionali Commenti
1	1	Rett.	B= 60 H= 60 [cm] pil60x60

- Caratteristiche Inerziali:

Sezione	Materiale	Area [cm²]	Jt [cm^4]	J2 [cm^4]	J3 [cm^4]	J23 [cm^4]	Xx	Xy
1	1	3600.00	1821862	1080000	1080000	0	1.2	1.2

Piano	Pilastro	Nodo i	Nodo j	Nodo k	Materiale	Sezione	Luce [m]	Vi12	Vj12	Vi13	Vj13
0	1	1	101	10024	1	1	4.36	100	100	100	100
1	101	101	201	10025	1	1	4.24	100	0	100	0
0	2	2	102	10050	1	1	4.36	100	100	100	100
1	102	102	202	10050	1	1	4.24	100	0	100	0
0	3	3	103	10049	1	1	4.36	100	100	100	100
1	103	103	203	10049	1	1	4.24	100	0	100	0
0	4	4	104	10048	1	1	4.36	100	100	100	100
1	104	104	204	10048	1	1	4.24	100	0	100	0
0	5	5	105	10047	1	1	4.36	100	100	100	100
1	105	105	205	10047	1	1	4.24	100	0	100	0
0	6	6	106	10046	1	1	4.36	100	100	100	100
1	106	106	206	10046	1	1	4.24	100	0	100	0
0	7	7	107	10118	1	1	4.36	100	0	100	0
0	8	8	108	10035	1	1	4.36	100	0	100	0
0	9	9	109	10034	1	1	4.36	100	0	100	0
0	10	10	110	10033	1	1	4.36	100	0	100	0
0	11	11	111	10032	1	1	4.36	100	0	100	0
0	12	12	112	10031	1	1	4.36	100	0	100	0
0	13	13	213	10023	1	1	8.60	100	0	100	0
0	14	14	214	10026	1	1	8.60	100	0	100	0
0	15	15	215	10027	1	1	8.60	100	100	100	100
0	16	16	216	10028	1	1	8.60	100	100	100	100
0	17	17	217	10029	1	1	8.60	100	100	100	100
0	18	18	218	10030	1	1	8.60	100	100	100	100
0	19	19	219	10022	1	1	8.60	100	0	100	0
0	20	20	220	10045	1	1	8.60	100	0	100	0
0	21	21	221	10044	1	1	8.60	100	0	100	0
0	22	22	222	10043	1	1	8.60	100	0	100	0
0	23	23	223	10042	1	1	8.60	100	0	100	0
0	24	24	224	10041	1	1	8.60	100	0	100	0
0	25	25	225	10021	1	1	8.60	100	0	100	0
0	26	26	226	10036	1	1	8.60	100	0	100	0
0	27	27	227	10037	1	1	8.60	100	0	100	0
0	28	28	228	10038	1	1	8.60	100	0	100	0
0	29	29	229	10039	1	1	8.60	100	0	100	0
0	30	30	230	10040	1	1	8.60	100	0	100	0

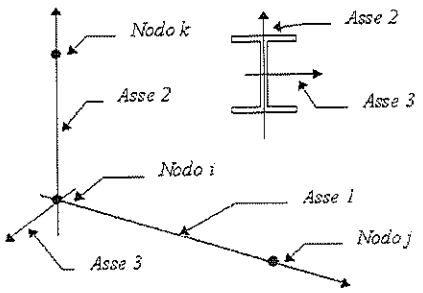
- Elementi tipo trave

- Convenzioni adottate

Ogni elemento tipo trave viene identificato da:

- Il nodo iniziale **i**;
- Il nodo finale **j**;
- Il nodo **k** che definisce l'orientamento nello spazio della terna riferimento locale dell'elemento.

La terna di riferimento locale della trave risulta essere così disposta:



Vengono riportati i valori di efficacia dei vincoli alle estreità dello elemento (variabili fra 0 e 100%), nei due piani **1-2** e **1-3** della trave in corrispondenza dei nodi, dando quindi la possibilità di considerare aste non perfettamente incastrate (coefficienti **Vi12, Vj12, Vi13, Vj13**).

- Caratteristiche dei Materiali:

Tipo	Modulo Elastico [kg/cm²]	v	alfa [1/°C]	Peso Specifico [kg/m³]	Commento
1	200000.0	0.000	0.000001	2500.0	C40/50

- Sezioni Impiegate:

Sezione	Materiale	Tipo di Sezione	Parametri Dimensionali Commenti
1	1	a Tr	B= 60 H= 90 b= 40 h= 30 [cm] TL60(30+60)
2	1	a Tr	B= 80 H= 90 b= 40 h= 30 [cm] TR80(30+60)
3	1	Quals.	mirò
4	1	Quals.	I100
5	1	Quals.	I80
6	1	Rett.	B= 60 H= 35 [cm] mensole
7	1	Rett.	B= 5 H= 5 [cm] aux

- Caratteristiche Inerziali:

Sezione	Materiale	Area [cm²]	Jt [cm^4]	J2 [cm^4]	J3 [cm^4]	J23 [cm^4]	Xx	Xy
1	1	4200.00	2048323	2937857	860000	-0	1.2	1.2
2	1	4800.00	2691894	3329999	1600000	0	1.2	1.2
3	1	2550.00	370716	11618800	1361950	0	1.2	1.2
4	1	3050.00	789387	3476040	394792	0	1.2	1.2
5	1	2650.00	789387	1902710	381458	0	1.2	1.2
6	1	2100.00	531767	214375	630000	0	1.2	1.2
7	1	25.00	88	52	52	0	1.2	1.2

Travata	Trave	Nodo i	Nodo j	Nodo k	Materiale	Sezione	Luce [m]	Vi12	Vj12	Vi13	Vj13
101	1	101	113	10116	1	6	0.42	100	100	100	100
101	2	113	114	10116	1	1	11.16	0	0	0	0
101	3	114	102	10116	1	6	0.42	100	100	100	100
101	4	102	115	10090	1	6	0.42	100	100	100	100
101	5	115	116	10090	1	1	11.16	0	0	0	0
101	6	116	103	10090	1	6	0.42	100	100	100	100
101	7	103	117	10090	1	6	0.42	100	100	100	100
101	8	117	118	10090	1	1	11.16	0	0	0	0
101	9	118	104	10090	1	6	0.42	100	100	100	100
101	10	104	119	10090	1	6	0.42	100	100	100	100

101	11	119	120	10090	1	1	11.16	0	0	0	0
101	12	120	105	10090	1	6	0.42	100	100	100	100
101	13	105	121	10090	1	6	0.42	100	100	100	100
101	14	121	122	10090	1	1	11.16	0	0	0	0
101	15	122	106	10090	1	6	0.42	100	100	100	100
102	1	107	108	10117	1	1	12.00	0	0	0	0
102	2	108	109	10089	1	1	12.00	0	0	0	0
102	3	109	110	10088	1	1	12.00	0	0	0	0
102	4	110	111	10087	1	1	12.00	0	0	0	0
102	5	111	112	10086	1	1	12.00	0	0	0	0
201	1	207	201	10116	1	5	4.00	100	100	100	100
201	2	208	207	10116	1	5	5.00	100	100	100	100
201	3	202	208	10116	1	5	3.00	100	100	100	100
201	4	202	209	10009	1	5	2.00	100	100	100	100
201	5	209	210	10012	1	5	5.00	100	100	100	100
201	6	210	203	10084	1	5	5.00	100	0	100	0
201	7	203	211	10084	1	5	0.05	0	100	0	100
201	8	211	212	10084	1	5	5.00	100	100	100	100
201	9	212	231	10084	1	5	5.00	100	100	100	100
201	10	231	204	10084	1	5	1.95	100	0	100	0
201	11	204	232	10084	1	5	3.05	0	100	0	100
201	12	232	233	10084	1	5	5.00	100	100	100	100
201	13	233	205	10084	1	5	3.95	100	0	100	0
201	14	205	234	10084	1	5	1.05	0	100	0	100
201	15	234	235	10084	1	5	5.00	100	100	100	100
201	16	235	236	10084	1	5	5.00	100	100	100	100
201	17	236	206	10084	1	5	0.95	100	0	100	0
202	1	237	213	10120	1	4	4.00	100	100	100	100
202	2	238	237	10120	1	4	5.00	100	100	100	100
202	3	214	238	10120	1	4	3.00	100	100	100	100
202	4	214	239	10006	1	4	2.00	100	100	100	100
202	5	239	240	10010	1	4	5.00	100	100	100	100
202	6	240	215	10018	1	4	5.00	100	0	100	0
202	7	215	241	10083	1	4	0.05	0	100	0	100
202	8	241	242	10082	1	4	5.00	100	100	100	100
202	9	242	243	10081	1	4	5.00	100	100	100	100
202	10	243	216	10080	1	4	1.95	100	0	100	0
202	11	216	244	10079	1	4	3.05	0	100	0	100
202	12	244	245	10078	1	4	5.00	100	100	100	100
202	13	245	217	10077	1	4	3.95	100	0	100	0
202	14	217	246	10076	1	4	1.05	0	100	0	100
202	15	246	247	10075	1	4	5.00	100	100	100	100
202	16	247	248	10074	1	4	5.00	100	100	100	100
202	17	248	218	10073	1	4	0.95	100	0	100	0
203	1	249	219	10121	1	4	4.00	100	100	100	100
203	2	250	249	10121	1	4	5.00	100	100	100	100
203	3	220	250	10121	1	4	3.00	100	100	100	100
203	4	220	251	10005	1	4	2.00	100	100	100	100
203	5	251	252	10008	1	4	5.00	100	100	100	100
203	6	252	221	10016	1	4	5.00	100	0	100	0
203	7	221	253	10062	1	4	0.05	0	100	0	100
203	8	253	254	10063	1	4	5.00	100	100	100	100
203	9	254	255	10064	1	4	5.00	100	100	100	100
203	10	255	222	10065	1	4	1.95	100	0	100	0
203	11	222	256	10066	1	4	3.05	0	100	0	100
203	12	256	257	10067	1	4	5.00	100	100	100	100
203	13	257	223	10068	1	4	3.95	100	0	100	0
203	14	223	258	10069	1	4	1.05	0	100	0	100
203	15	258	259	10070	1	4	5.00	100	100	100	100
203	16	259	260	10071	1	4	5.00	100	100	100	100
203	17	260	224	10072	1	4	0.95	100	0	100	0
204	1	261	225	10119	1	5	4.00	100	100	100	100
204	2	262	261	10119	1	5	5.00	100	100	100	100
204	3	226	262	10119	1	5	3.00	100	100	100	100
204	4	226	263	10004	1	5	2.00	100	100	100	100

204	5	263	264	10007	1	5	5.00	100	100	100	100
204	6	264	227	10014	1	5	5.00	100	0	100	0
204	7	227	265	10061	1	5	0.05	0	100	0	100
204	8	265	266	10060	1	5	5.00	100	100	100	100
204	9	266	267	10059	1	5	5.00	100	100	100	100
204	10	267	228	10058	1	5	1.95	100	0	100	0
204	11	228	268	10057	1	5	3.05	0	100	0	100
204	12	268	269	10056	1	5	5.00	100	100	100	100
204	13	269	229	10055	1	5	3.95	100	0	100	0
204	14	229	270	10054	1	5	1.05	0	100	0	100
204	15	270	271	10053	1	5	5.00	100	100	100	100
204	16	271	272	10052	1	5	5.00	100	100	100	100
204	17	272	230	10051	1	5	0.95	100	0	100	0
205	1	201	213	10020	1	7	16.27	0	0	0	0
205	2	213	219	10019	1	7	16.26	0	0	0	0
205	3	219	225	10019	1	7	16.27	0	0	0	0
206	1	207	237	10000	1	3	16.27	0	0	0	0
206	2	237	249	10000	1	3	16.26	0	0	0	0
206	3	249	261	10000	1	3	16.27	0	0	0	0
207	1	208	238	10011	1	3	16.27	0	0	0	0
207	2	238	250	10001	1	3	16.26	0	0	0	0
207	3	250	262	10001	1	3	16.27	0	0	0	0
208	1	209	239	10003	1	3	16.27	0	0	0	0
208	2	239	251	10002	1	3	16.26	0	0	0	0
208	3	251	263	10002	1	3	16.27	0	0	0	0
209	1	210	240	10017	1	3	16.27	0	0	0	0
209	2	240	252	10015	1	3	16.26	0	0	0	0
209	3	252	264	10013	1	3	16.27	0	0	0	0
210	1	211	241	10112	1	3	16.27	0	0	0	0
210	2	241	253	10113	1	3	16.26	0	0	0	0
210	3	253	265	10114	1	3	16.27	0	0	0	0
211	1	212	242	10109	1	3	16.27	0	0	0	0
211	2	242	254	10110	1	3	16.26	0	0	0	0
211	3	254	266	10111	1	3	16.27	0	0	0	0
212	1	231	243	10106	1	3	16.27	0	0	0	0
212	2	243	255	10107	1	3	16.26	0	0	0	0
212	3	255	267	10108	1	3	16.27	0	0	0	0
213	1	232	244	10103	1	3	16.27	0	0	0	0
213	2	244	256	10104	1	3	16.26	0	0	0	0
213	3	256	268	10105	1	3	16.27	0	0	0	0
214	1	233	245	10100	1	3	16.27	0	0	0	0
214	2	245	257	10101	1	3	16.26	0	0	0	0
214	3	257	269	10102	1	3	16.27	0	0	0	0
215	1	234	246	10097	1	3	16.27	0	0	0	0
215	2	246	258	10098	1	3	16.26	0	0	0	0
215	3	258	270	10099	1	3	16.27	0	0	0	0
216	1	235	247	10094	1	3	16.27	0	0	0	0
216	2	247	259	10095	1	3	16.26	0	0	0	0
216	3	259	271	10096	1	3	16.27	0	0	0	0
217	1	236	248	10093	1	3	16.27	0	0	0	0
217	2	248	260	10092	1	3	16.26	0	0	0	0
217	3	260	272	10091	1	3	16.27	0	0	0	0
218	1	206	218	10085	1	7	16.27	0	0	0	0
218	2	218	224	10115	1	7	16.26	0	0	0	0
218	3	224	230	10115	1	7	16.27	0	0	0	0

- Condizioni e combinazioni di carico

- Convenzioni adottate

Nel seguito vengono riportate il numero di condizioni di carico statiche e dinamiche che sollecitano la struttura. Si noti che:

- Per quanto riguarda le condizioni di carico dinamiche, il programma assimila ogni direzione di ingresso del sisma, definita dal progettista, ad una condizione di carico. Pertanto qualora agiscano sulla struttura *n* condizioni di carico statiche e il progettista abbia supposto che la struttura venga sollecitata da un sisma entrante in *m* direzioni, la struttura stessa viene considerata del programma come soggetta ad *n* + *m* condizioni di carico.
- Le combinazioni di carico, definite dal progettista, combinano fra loro le *n* + *m* condizioni di carico ognuna partecipante alla combinazione *i-esima* secondo i fattori di partecipazione nel seguito riportati. N.B.: se la condizione *j-esima* ha fattore di partecipazione unitario, allora partecipa per intero alla combinazione *i-esima*.
- Le prime *n* condizioni sono sempre statiche mentre sono di origine dinamica le (eventuali) condizioni da *n+1* a *n+m*.

- Condizioni di carico definite:

- Cond. 1 pp
- Cond. 2 solaio
- Cond. 3 perm
- Cond. 4 neve
- Cond. 5 var B
- Cond. 6 pannelli solo sisma
- Cond. 7 vento 0
- Cond. 8 vento 180
- Cond. 9 vento 90
- Cond. 10 vento 270
- Cond. 11 Sisma 0+SLV
- Cond. 12 Sisma 0-SLV
- Cond. 13 Sisma 180+SLV
- Cond. 14 Sisma 180-SLV
- Cond. 15 Sisma 90+SLV
- Cond. 16 Sisma 90-SLV
- Cond. 17 Sisma 270+SLV
- Cond. 18 Sisma 270-SLV
- Cond. 19 Sisma 0+SLD
- Cond. 20 Sisma 0-SLD
- Cond. 21 Sisma 180+SLD
- Cond. 22 Sisma 180-SLD
- Cond. 23 Sisma 90+SLD
- Cond. 24 Sisma 90-SLD
- Cond. 25 Sisma 270+SLD
- Cond. 26 Sisma 270-SLD

- Combinazioni agli Stati Limite Ultimi

Combinazione di carico numero	
1	neve + B + 0.9*v0
2	neve + B + 0.9*v180
3	neve + B + 0.9*v90
4	neve + B + 0.9*v270
5	v0 + neve + B
6	v180 + neve + B
7	v90 + neve + B
8	v270 + neve + B

Comb.\Cond	1	2	3	4	5	7	8	9	10
1	1.3000	1.3000	1.5000	1.5000	1.5000	0.9000	0.0000	0.0000	0.0000
2	1.3000	1.3000	1.5000	1.5000	1.5000	0.0000	0.9000	0.0000	0.0000
3	1.3000	1.3000	1.5000	1.5000	1.5000	0.0000	0.0000	0.9000	0.0000
4	1.3000	1.3000	1.5000	1.5000	1.5000	0.0000	0.0000	0.0000	0.9000
5	1.3000	1.3000	1.5000	0.7500	1.0500	1.5000	0.0000	0.0000	0.0000
6	1.3000	1.3000	1.5000	0.7500	1.0500	0.0000	1.5000	0.0000	0.0000
7	1.3000	1.3000	1.5000	0.7500	1.0500	0.0000	0.0000	1.5000	0.0000
8	1.3000	1.3000	1.5000	0.7500	1.0500	0.0000	0.0000	0.0000	1.5000

- Combinazioni agli Stati Limite di Salvaguardia della Vita

Combinazione di carico numero	
9	Sisma 0+ / 90+
10	Sisma 0+ / 90-
11	Sisma 0+ / 270+
12	Sisma 0+ / 270-
13	Sisma 0- / 90+
14	Sisma 0- / 90-

15	Sisma 0- / 270+
16	Sisma 0- / 270-
17	Sisma 180+ / 90+
18	Sisma 180+ / 90-
19	Sisma 180+ / 270+
20	Sisma 180+ / 270-
21	Sisma 180- / 90+
22	Sisma 180- / 90-
23	Sisma 180- / 270+
24	Sisma 180- / 270-
25	Sisma 90+ / 0+
26	Sisma 90+ / 0-
27	Sisma 90+ / 180+
28	Sisma 90+ / 180-
29	Sisma 90- / 0+
30	Sisma 90- / 0-
31	Sisma 90- / 180+
32	Sisma 90- / 180-
33	Sisma 270+ / 0+
34	Sisma 270+ / 0-
35	Sisma 270+ / 180+
36	Sisma 270+ / 180-
37	Sisma 270- / 0+
38	Sisma 270- / 0-
39	Sisma 270- / 180+
40	Sisma 270- / 180-

Comb.\Cond	1	2	3	5	11	12	13	14	15	16	17	18
9	1.0000	1.0000	1.0000	0.3000	1.0000	0.0000	0.0000	0.0000	0.3000	0.0000	0.0000	0.0000
10	1.0000	1.0000	1.0000	0.3000	1.0000	0.0000	0.0000	0.0000	0.0000	0.3000	0.0000	0.0000
11	1.0000	1.0000	1.0000	0.3000	1.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.3000	0.0000
12	1.0000	1.0000	1.0000	0.3000	1.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.3000
13	1.0000	1.0000	1.0000	0.3000	0.0000	1.0000	0.0000	0.0000	0.3000	0.0000	0.0000	0.0000
14	1.0000	1.0000	1.0000	0.3000	0.0000	1.0000	0.0000	0.0000	0.0000	0.3000	0.0000	0.0000
15	1.0000	1.0000	1.0000	0.3000	0.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.3000	0.0000
16	1.0000	1.0000	1.0000	0.3000	0.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.3000
17	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	1.0000	0.0000	0.3000	0.0000	0.0000	0.0000
18	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	1.0000	0.0000	0.0000	0.3000	0.0000	0.0000
19	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000	0.3000	0.0000
20	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.3000
21	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	1.0000	0.3000	0.0000	0.0000	0.0000
22	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	1.0000	0.0000	0.3000	0.0000	0.0000
23	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.3000	0.0000
24	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000	0.3000
25	1.0000	1.0000	1.0000	0.3000	0.3000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
26	1.0000	1.0000	1.0000	0.3000	0.0000	0.3000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
27	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.3000	0.0000	1.0000	0.0000	0.0000	0.0000
28	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	0.3000	1.0000	0.0000	0.0000	0.0000
29	1.0000	1.0000	1.0000	0.3000	0.3000	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000
30	1.0000	1.0000	1.0000	0.3000	0.0000	0.3000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000
31	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.3000	0.0000	0.0000	1.0000	0.0000	0.0000
32	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	0.3000	0.0000	1.0000	0.0000	0.0000
33	1.0000	1.0000	1.0000	0.3000	0.3000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000
34	1.0000	1.0000	1.0000	0.3000	0.0000	0.3000	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000
35	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.3000	0.0000	0.0000	0.0000	1.0000	0.0000
36	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	0.3000	0.0000	0.0000	1.0000	0.0000
37	1.0000	1.0000	1.0000	0.3000	0.3000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000
38	1.0000	1.0000	1.0000	0.3000	0.0000	0.3000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000
39	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.3000	0.0000	0.0000	0.0000	0.0000	1.0000
40	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	0.3000	0.0000	0.0000	0.0000	1.0000

- Combinazioni RARE Stati Limite di Esercizio

Combinazione di carico numero	

41	B+ neve + 0.6*v0
42	B+ neve + 0.6*v180
43	B+ neve + 0.6*90
44	B+ neve + 0.6*v270
45	v0 + 0.5*B + 0.7*neve
46	v180 + 0.5*B + 0.7*neve
47	v90 + 0.5*B + 0.7*neve
48	v270 + 0.5*B + 0.7*neve

Comb.\Cond	1	2	3	4	5	7	8	9	10
41	1.0000	1.0000	1.0000	1.0000	1.0000	0.6000	0.0000	0.0000	0.0000
42	1.0000	1.0000	1.0000	1.0000	1.0000	0.0000	0.6000	0.0000	0.0000
43	1.0000	1.0000	1.0000	1.0000	1.0000	0.0000	0.0000	0.6000	0.0000
44	1.0000	1.0000	1.0000	1.0000	1.0000	0.0000	0.0000	0.0000	0.6000
45	1.0000	1.0000	1.0000	0.5000	0.7000	1.0000	0.0000	0.0000	0.0000
46	1.0000	1.0000	1.0000	0.5000	0.7000	0.0000	1.0000	0.0000	0.0000
47	1.0000	1.0000	1.0000	0.5000	0.7000	0.0000	0.0000	1.0000	0.0000
48	1.0000	1.0000	1.0000	0.5000	0.7000	0.0000	0.0000	0.0000	1.0000

- Combinazioni FREQUENTI Stati Limite di Esercizio

Combinazione di carico numero	
49	SLE Freq neve
50	SLE Freq v0
51	SLE Freq v180
52	SLE Freq v90
53	SLE Freq v270

Comb.\Cond	1	2	3	4	5	7	8	9	10
49	1.0000	1.0000	1.0000	0.2000	0.5000	0.0000	0.0000	0.0000	0.0000
50	1.0000	1.0000	1.0000	0.0000	0.3000	0.2000	0.0000	0.0000	0.0000
51	1.0000	1.0000	1.0000	0.0000	0.3000	0.0000	0.2000	0.0000	0.0000
52	1.0000	1.0000	1.0000	0.0000	0.3000	0.0000	0.0000	0.2000	0.0000
53	1.0000	1.0000	1.0000	0.0000	0.3000	0.0000	0.0000	0.0000	0.2000

- Combinazioni QUASI PERMANENTI Stati Limite di Esercizio

Combinazione di carico numero	
54	SLE QP

Comb.\Cond	1	2	3	5
54	1.0000	1.0000	1.0000	0.3000

- Combinazioni agli Stati Limite di Danno

Combinazione di carico numero	
55	Sisma 0+ / 90+
56	Sisma 0+ / 90-
57	Sisma 0+ / 270+
58	Sisma 0+ / 270-
59	Sisma 0- / 90+
60	Sisma 0- / 90-
61	Sisma 0- / 270+
62	Sisma 0- / 270-
63	Sisma 180+ / 90+
64	Sisma 180+ / 90-
65	Sisma 180+ / 270+
66	Sisma 180+ / 270-
67	Sisma 180- / 90+
68	Sisma 180- / 90-
69	Sisma 180- / 270+
70	Sisma 180- / 270-
71	Sisma 90+ / 0+

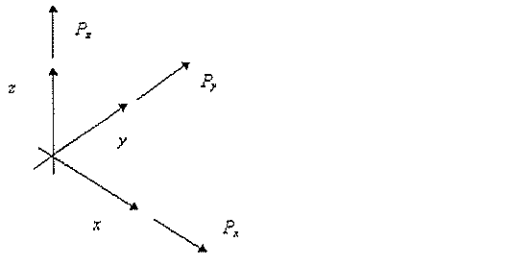
72	Sisma 90+ / 0-
73	Sisma 90+ / 180+
74	Sisma 90+ / 180-
75	Sisma 90- / 0+
76	Sisma 90- / 0-
77	Sisma 90- / 180+
78	Sisma 90- / 180-
79	Sisma 270+ / 0+
80	Sisma 270+ / 0-
81	Sisma 270+ / 180+
82	Sisma 270+ / 180-
83	Sisma 270- / 0+
84	Sisma 270- / 0-
85	Sisma 270- / 180+
86	Sisma 270- / 180-

Comb.\Cond	1	2	3	5	19	20	21	22	23	24	25	26
55	1.0000	1.0000	1.0000	0.3000	1.0000	0.0000	0.0000	0.0000	0.3000	0.0000	0.0000	0.0000
56	1.0000	1.0000	1.0000	0.3000	1.0000	0.0000	0.0000	0.0000	0.0000	0.3000	0.0000	0.0000
57	1.0000	1.0000	1.0000	0.3000	1.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.3000	0.0000
58	1.0000	1.0000	1.0000	0.3000	1.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.3000
59	1.0000	1.0000	1.0000	0.3000	0.0000	1.0000	0.0000	0.0000	0.3000	0.0000	0.0000	0.0000
60	1.0000	1.0000	1.0000	0.3000	0.0000	1.0000	0.0000	0.0000	0.0000	0.3000	0.0000	0.0000
61	1.0000	1.0000	1.0000	0.3000	0.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.3000	0.0000
62	1.0000	1.0000	1.0000	0.3000	0.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.3000
63	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	1.0000	0.0000	0.3000	0.0000	0.0000	0.0000
64	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	1.0000	0.0000	0.0000	0.3000	0.0000	0.0000
65	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000	0.3000	0.0000
66	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.3000
67	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	1.0000	0.3000	0.0000	0.0000	0.0000
68	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	1.0000	0.0000	0.3000	0.0000	0.0000
69	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.3000	0.0000
70	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000	0.3000
71	1.0000	1.0000	1.0000	0.3000	0.3000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
72	1.0000	1.0000	1.0000	0.3000	0.0000	0.3000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000
73	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.3000	0.0000	1.0000	0.0000	0.0000	0.0000
74	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	0.3000	1.0000	0.0000	0.0000	0.0000
75	1.0000	1.0000	1.0000	0.3000	0.3000	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000
76	1.0000	1.0000	1.0000	0.3000	0.0000	0.3000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000
77	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.3000	0.0000	0.0000	1.0000	0.0000	0.0000
78	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	0.3000	0.0000	1.0000	0.0000	0.0000
79	1.0000	1.0000	1.0000	0.3000	0.3000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000
80	1.0000	1.0000	1.0000	0.3000	0.0000	0.3000	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000
81	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.3000	0.0000	0.0000	0.0000	1.0000	0.0000
82	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	0.3000	0.0000	0.0000	1.0000	0.0000
83	1.0000	1.0000	1.0000	0.3000	0.3000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000
84	1.0000	1.0000	1.0000	0.3000	0.0000	0.3000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000
85	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.3000	0.0000	0.0000	0.0000	0.0000	1.0000
86	1.0000	1.0000	1.0000	0.3000	0.0000	0.0000	0.0000	0.3000	0.0000	0.0000	0.0000	1.0000

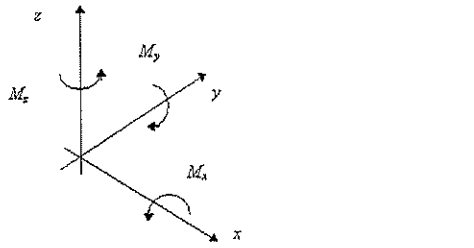
- Carichi e coppie applicati ai nodi

- Convenzioni adottate

La terna di riferimento generale è destrorsa per cui si hanno i seguenti segni positivi per i carichi o per le coppie direttamente applicati ai nodi:



Versi positivi delle forze concentrate applicate ai nodi.



Versi positivi delle coppie concentrate applicate ai nodi.

Nei seguito vengono riportati per ogni nodo, su cui agiscono carichi concentrati, le componenti del carico (P_x, P_y, P_z, M_x, M_y, M_z) e la condizione di carico cui esse fanno riferimento.

Nodo	Cond.	Px [kg]	Py [kg]	Pz [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
201	10	0.0	-762.0	0.0	0.0	0.0	0.0
202	9	0.0	3046.0	0.0	0.0	0.0	0.0
	10	0.0	-1523.0	0.0	0.0	0.0	0.0
203	9	0.0	3046.0	0.0	0.0	0.0	0.0
	10	0.0	-1523.0	0.0	0.0	0.0	0.0
204	9	0.0	3046.0	0.0	0.0	0.0	0.0
	10	0.0	-1523.0	0.0	0.0	0.0	0.0
205	9	0.0	3046.0	0.0	0.0	0.0	0.0
	10	0.0	-1523.0	0.0	0.0	0.0	0.0
206	7	1032.0	0.0	0.0	0.0	0.0	0.0
	8	-2064.0	0.0	0.0	0.0	0.0	0.0
	9	0.0	1523.0	0.0	0.0	0.0	0.0
	10	0.0	-762.0	0.0	0.0	0.0	0.0
218	7	2064.0	0.0	0.0	0.0	0.0	0.0
	8	-4129.0	0.0	0.0	0.0	0.0	0.0
224	8	-4129.0	0.0	0.0	0.0	0.0	0.0
225	9	0.0	762.0	0.0	0.0	0.0	0.0
	10	0.0	-1523.0	0.0	0.0	0.0	0.0
226	9	0.0	1523.0	0.0	0.0	0.0	0.0
	10	0.0	-3046.0	0.0	0.0	0.0	0.0
227	9	0.0	1523.0	0.0	0.0	0.0	0.0
	10	0.0	-3046.0	0.0	0.0	0.0	0.0
228	9	0.0	1523.0	0.0	0.0	0.0	0.0
	10	0.0	-3046.0	0.0	0.0	0.0	0.0
229	9	0.0	1523.0	0.0	0.0	0.0	0.0
	10	0.0	-3046.0	0.0	0.0	0.0	0.0

230	7	1032.0	0.0	0.0	0.0	0.0	0.0
	8	-2064.0	0.0	0.0	0.0	0.0	0.0
	9	0.0	762.0	0.0	0.0	0.0	0.0
	10	0.0	-1523.0	0.0	0.0	0.0	0.0
265	9	0.0	1523.0	0.0	0.0	0.0	0.0

- Carichi e coppie applicati ai solai

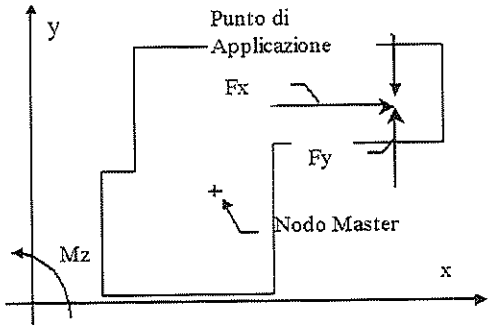
- Convenzioni adottate

Seguendo l'ipotesi di piano infinitamente rigido le azioni agenti nel piano del solaio vengono trasformate dal codice di calcolo in azioni agenti nel cosiddetto nodo *master di solaio* secondo le trasformazioni seguenti:

$$F_{xMaster} = F_{xNodo}$$

$$F_{yMaster} = F_{yNodo}$$

$$M_{zMaster} = M_{zNodo} - F_{xNodo}\,(Y_{App} - y_{Master}) + F_{yNodo}\,(x_{App} - x_{Master})$$



Nel seguito vengono riportati per ogni solaio, su cui agiscono carichi concentrati, le componenti del carico (F_x, F_y, M_z), le coordinate del punto di applicazione nel piano orizzontale (**x, y**) e la condizione di carico cui esse fanno riferimento.

Solaio	Condizione	Fx [kg]	Fy [kg]	Mz [kgm]	x Punto di applicazione [m]	y Punto di Applicazione [m]

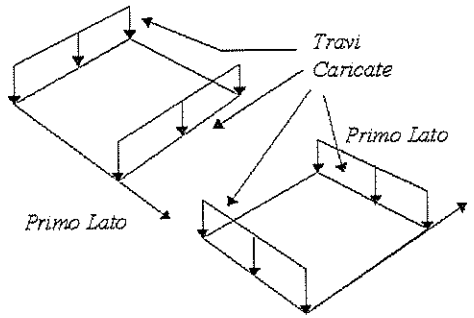
- Dati relativi alle aree di carico

- Convenzioni adottate

Nel seguito sono riportate le *aree di carico* definite nel progetto.

Un'*area di carico* è definita da una superfice contornata da travi di bordo ed i carichi superficiali su essa agenti vengono riportati dal programma sulle travi perimetrali in ragione dell'area di influenza relativa ad ogni trave e della direzione di orditura della superficie.

È importante rilevare che **la direzione di orditura viene assunta dal programma con riferimento al primo lato della superficie di carico e non con riferimento all'asse *x* globale della struttura.**



Esempio: *direzione* di orditura 0 gradi.

In particolare ricordiamo che le *aree di carico* fungono esclusivamente da supporto per il calcolo dei carichi di tipo superficiale in quanto i carichi definiti tramite tali *aree di carico* in effetti vengono trasferiti (sotto forma di carichi lineari o carichi nodali concentrati nei nodi) sulle travi perimetrali che contornano l'area di carico stessa.

A seguire vengono riportati per ogni tipologia definita i carichi agenti nelle varie condizioni di carico. La dizione:

Globale
indica che il carico è definito nel sistema di riferimento globale della struttura.

Globale Proiettato
indica che il carico è definito nel sistema di riferimento globale della struttura ma il valore viene computato in proiezione.

Locale
indica che il carico è definito nel sistema di riferimento locale della superficie di carico.

Area di Carico Numero	Commento
1	Copertura
2	soppalco
3	Area 3
4	Area 4
5	Area 5
6	Area 6
7	Area 7

Tipo	Alfa	Condizione	Carico Trasmesso	Riferimento	qx [kg/m²] Qx [kg]	qy [kg/m²] Qy [kg]	qz [kg/m²] Qz [kg]
1	0.00	2	Alle Travi	Globale	0.0	0.0	57.0
					-0.0	0.0	153127.1
1	0.00	3	Alle Travi	Globale	0.0	0.0	70.0
					-0.0	0.0	188050.8
1	0.00	4	Alle Travi	Globale	0.0	0.0	80.0
					0.0	0.0	214915.2
2	0.00	2	Alle Travi	Globale	0.0	0.0	475.0
					0.0	0.0	231847.5
2	0.00	3	Alle Travi	Globale	0.0	0.0	300.0
					0.0	0.0	146430.0
2	0.00	5	Alle Travi	Globale	0.0	0.0	200.0
					0.0	0.0	97620.0
3	0.00	5	Ai Nodi	Globale	0.0	0.0	400.0
					0.0	0.0	0.0

3	0.00	6	Ai Nodi	Globale	-80.0	0.0	0.0
					0.0	0.0	0.0
3	0.00	7	Ai Nodi	Globale	40.0	0.0	0.0
					0.0	0.0	0.0
3	0.00	8	Ai Nodi	Globale	0.0	-80.0	0.0
					0.0	0.0	0.0
3	0.00	9	Ai Nodi	Globale	0.0	40.0	0.0
					0.0	0.0	0.0
4	0.00	5	Ai Nodi	Globale	0.0	0.0	400.0
					0.0	0.0	0.0
4	0.00	6	Ai Nodi	Globale	-40.0	0.0	0.0
					0.0	0.0	0.0
4	0.00	7	Ai Nodi	Globale	80.0	0.0	0.0
					0.0	0.0	0.0
4	0.00	8	Ai Nodi	Globale	0.0	-80.0	0.0
					0.0	0.0	0.0
4	0.00	9	Ai Nodi	Globale	0.0	40.0	0.0
					0.0	0.0	0.0
5	0.00	5	Ai Nodi	Globale	0.0	0.0	400.0
					0.0	0.0	0.0
5	0.00	6	Ai Nodi	Globale	-40.0	0.0	0.0
					0.0	0.0	0.0
5	0.00	7	Ai Nodi	Globale	80.0	0.0	0.0
					0.0	0.0	0.0
5	0.00	8	Ai Nodi	Globale	0.0	-40.0	0.0
					0.0	0.0	0.0
5	0.00	9	Ai Nodi	Globale	0.0	80.0	0.0
					0.0	0.0	0.0
6	0.00	5	Ai Nodi	Globale	0.0	0.0	400.0
					0.0	0.0	0.0
6	0.00	8	Ai Nodi	Globale	0.0	-40.0	0.0
					0.0	0.0	0.0
6	0.00	9	Ai Nodi	Globale	0.0	80.0	0.0
					0.0	0.0	0.0
7	0.00	5	Ai Nodi	Globale	0.0	0.0	400.0
					0.0	0.0	0.0
7	0.00	8	Ai Nodi	Globale	0.0	-80.0	0.0
					0.0	0.0	0.0
7	0.00	9	Ai Nodi	Globale	0.0	40.0	0.0
					0.0	0.0	0.0

Tipologia	Nodi
2	105 121 122 106 112 111 105
2	104 119 120 105 111 110 104
2	103 117 118 104 110 109 103
2	102 115 116 103 109 108 102
2	101 113 114 102 108 107 101
1	252 264 263 251 252
1	248 260 259 247 248
1	247 259 258 246 247
1	246 258 223 257 245 217 246
1	245 257 256 244 245
1	244 256 222 255 243 216 244
1	210 240 239 209 210
1	209 239 238 208 209
1	208 238 237 207 208
1	243 255 254 242 243
1	242 254 253 241 242
1	240 252 251 239 240
1	241 253 221 252 240 215 241
1	239 251 250 238 239

1	234 246 217 245 233 205 234
1	232 244 216 243 231 204 232
1	233 245 244 232 233
1	231 243 242 212 231
1	211 241 215 240 210 203 211
1	212 242 241 211 212
1	235 247 246 234 235
1	236 248 247 235 236
1	238 250 249 237 238
1	260 272 271 259 260
1	259 271 270 258 259
1	258 270 229 269 257 223 258
1	257 269 268 256 257
1	256 268 228 267 255 222 256
1	255 267 266 254 255
1	254 266 265 253 254
1	253 265 227 264 252 221 253
1	251 263 262 250 251
1	250 262 261 249 250

- Carichi applicati agli elementi

- Convenzioni adottate

I carichi applicati vengono raccolti nella tabella riportata alla fine del paragrafo e si intendono applicati nel sistema di riferimento locale dell'elemento.

Per la lettura della tabella si definiscono:

NodoI, NodoJ
I nodi iniziale/finale dell'asta o lato dell'elemento cui afferisce il carico

L
La distanza fra i suddetti nodi.

qxi, ..., qzj
Le componenti di un carico distribuito costante o variabile linearmente iniziali (indice i) e finale (indice j).

xi, xj
Le distanze, misurate a partire dal NodoI, dei punti di applicazione dei carichi qxi..qzj relativi a carichi distribuiti applicati su porzioni di un'asta.

Px, ..., Pz xApp
Le componenti di un Carico Concentrato applicato a distanza xApp dal NodoI.

Mx, ..., Mz xApp
Le componenti di una Coppia Concentrata applicata a distanza xApp dal NodoI.

Var Termica Assiale, ..., Var Termica Farfalla 13
Le variazioni termiche (Assiali ed a Farfalla) misurate in gradi Celsius.

mxi, ..., mzj
Le componenti di coppie distribuite costanti o variabili linearmente iniziali (indice i) e finale (indice j).

qS_x, qS_y, qS_z
carichi, per unità di superficie, applicati su elementi superficiali o facce di elementi solidi

Peso Proprio
Il valore del carico derivante dal peso proprio dell'elemento

- Carichi distribuiti

Nodo I	Nodo J	L [m]	Condizione di carico	xi [m]	qxi [kg/m]	qyi [kg/m]	qzi [kg/m]	xj [m]	qxj [kg/m]	qyj [kg/m]	qzj [kg/m]
1	101	4.36	1	0.00	900.0	0.0	0.0	4.36	900.0	0.0	0.0

101	113	0.42	1	0.00	0.0	525.0	0.0	0.42	0.0	525.0	0.0
			2	-0.00	0.0	1932.1	0.0	0.42	0.0	1932.1	0.0
			3	-0.00	0.0	1220.2	0.0	0.42	0.0	1220.2	0.0
			5	-0.00	0.0	813.5	0.0	0.42	0.0	813.5	0.0
101	201	4.24	1	0.00	900.0	0.0	0.0	4.24	900.0	0.0	0.0
113	114	11.16	1	0.00	0.0	1050.0	0.0	11.16	0.0	1050.0	0.0
			2	0.00	0.0	1932.1	0.0	11.16	0.0	1932.1	0.0
			3	0.00	0.0	1220.3	0.0	11.16	0.0	1220.3	0.0
			5	0.00	0.0	813.5	0.0	11.16	0.0	813.5	0.0
2	102	4.36	1	0.00	900.0	0.0	0.0	4.36	900.0	0.0	0.0
114	102	0.42	1	0.00	0.0	525.0	0.0	0.42	0.0	525.0	0.0
			2	0.00	0.0	1932.1	0.0	0.42	0.0	1932.1	0.0
			3	0.00	0.0	1220.3	0.0	0.42	0.0	1220.3	0.0
			5	0.00	0.0	813.5	0.0	0.42	0.0	813.5	0.0
102	202	4.24	1	0.00	900.0	0.0	0.0	4.24	900.0	0.0	0.0
102	115	0.42	1	0.00	0.0	525.0	0.0	0.42	0.0	525.0	0.0
			2	-0.00	0.0	1932.1	0.0	0.42	0.0	1932.1	0.0
			3	-0.00	0.0	1220.3	0.0	0.42	0.0	1220.3	0.0
			5	-0.00	0.0	813.5	0.0	0.42	0.0	813.5	0.0
3	103	4.36	1	0.00	900.0	0.0	0.0	4.36	900.0	0.0	0.0
115	116	11.16	1	0.00	0.0	1050.0	0.0	11.16	0.0	1050.0	0.0
			2	0.00	0.0	1932.1	0.0	11.16	0.0	1932.1	0.0
			3	0.00	0.0	1220.3	0.0	11.16	0.0	1220.3	0.0
			5	0.00	0.0	813.5	0.0	11.16	0.0	813.5	0.0
103	203	4.24	1	0.00	900.0	0.0	0.0	4.24	900.0	0.0	0.0
116	103	0.42	1	0.00	0.0	525.0	0.0	0.42	0.0	525.0	0.0
			2	0.00	0.0	1932.1	0.0	0.42	0.0	1932.1	0.0
			3	0.00	0.0	1220.3	0.0	0.42	0.0	1220.3	0.0
			5	0.00	0.0	813.5	0.0	0.42	0.0	813.5	0.0
4	104	4.36	1	0.00	900.0	0.0	0.0	4.36	900.0	0.0	0.0
103	117	0.42	1	0.00	0.0	525.0	0.0	0.42	0.0	525.0	0.0
			2	-0.00	0.0	1932.1	0.0	0.42	0.0	1932.1	0.0
			3	-0.00	0.0	1220.3	0.0	0.42	0.0	1220.3	0.0
			5	-0.00	0.0	813.5	0.0	0.42	0.0	813.5	0.0
104	204	4.24	1	0.00	900.0	0.0	0.0	4.24	900.0	0.0	0.0
117	118	11.16	1	0.00	0.0	1050.0	0.0	11.16	0.0	1050.0	0.0
			2	0.00	0.0	1932.1	0.0	11.16	0.0	1932.1	0.0
			3	0.00	0.0	1220.3	0.0	11.16	0.0	1220.3	0.0
			5	0.00	0.0	813.5	0.0	11.16	0.0	813.5	0.0
5	105	4.36	1	0.00	900.0	0.0	0.0	4.36	900.0	0.0	0.0
118	104	0.42	1	0.00	0.0	525.0	0.0	0.42	0.0	525.0	0.0
			2	0.00	0.0	1932.1	0.0	0.42	0.0	1932.1	0.0
			3	0.00	0.0	1220.3	0.0	0.42	0.0	1220.3	0.0
			5	0.00	0.0	813.5	0.0	0.42	0.0	813.5	0.0
105	205	4.24	1	0.00	900.0	0.0	0.0	4.24	900.0	0.0	0.0
104	119	0.42	1	0.00	0.0	525.0	0.0	0.42	0.0	525.0	0.0
			2	-0.00	0.0	1932.1	0.0	0.42	0.0	1932.1	0.0
			3	-0.00	0.0	1220.3	0.0	0.42	0.0	1220.3	0.0
			5	-0.00	0.0	813.5	0.0	0.42	0.0	813.5	0.0
6	106	4.36	1	0.00	900.0	0.0	0.0	4.36	900.0	0.0	0.0
119	120	11.16	1	0.00	0.0	1050.0	0.0	11.16	0.0	1050.0	0.0
			2	0.00	0.0	1932.1	0.0	11.16	0.0	1932.1	0.0
			3	0.00	0.0	1220.2	0.0	11.16	0.0	1220.2	0.0
			5	0.00	0.0	813.5	0.0	11.16	0.0	813.5	0.0
106	206	4.24	1	0.00	900.0	0.0	0.0	4.24	900.0	0.0	0.0
120	105	0.42	1	0.00	0.0	525.0	0.0	0.42	0.0	525.0	0.0
			2	0.00	0.0	1932.1	0.0	0.42	0.0	1932.1	0.0
			3	0.00	0.0	1220.2	0.0	0.42	0.0	1220.2	0.0
			5	0.00	0.0	813.5	0.0	0.42	0.0	813.5	0.0
7	107	4.36	1	0.00	900.0	0.0	0.0	4.36	900.0	0.0	0.0
105	121	0.42	1	0.00	0.0	525.0	0.0	0.42	0.0	525.0	0.0
			2	-0.00	0.0	1932.1	0.0	0.42	0.0	1932.1	0.0
			3	-0.00	0.0	1220.2	0.0	0.42	0.0	1220.2	0.0
			5	-0.00	0.0	813.5	0.0	0.42	0.0	813.5	0.0
8	108	4.36	1	0.00	900.0	0.0	0.0	4.36	900.0	0.0	0.0

121	122	11.16	1	0.00	0.0	1050.0	0.0	11.16	0.0	1050.0	0.0
			2	0.00	0.0	1932.1	0.0	11.16	0.0	1932.1	0.0
			3	0.00	0.0	1220.2	0.0	11.16	0.0	1220.2	0.0
			5	0.00	0.0	813.5	0.0	11.16	0.0	813.5	0.0
9	109	4.36	1	0.00	900.0	0.0	0.0	4.36	900.0	0.0	0.0
122	106	0.42	1	0.00	0.0	525.0	0.0	0.42	0.0	525.0	0.0
			2	0.00	0.0	1932.1	0.0	0.42	0.0	1932.1	0.0
			3	0.00	0.0	1220.2	0.0	0.42	0.0	1220.2	0.0
			5	0.00	0.0	813.5	0.0	0.42	0.0	813.5	0.0
10	110	4.36	1	0.00	900.0	0.0	0.0	4.36	900.0	0.0	0.0
107	108	12.00	1	0.00	0.0	1050.0	0.0	12.00	0.0	1050.0	0.0
			2	11.58	0.0	1932.1	0.0	12.00	0.0	1932.1	0.0
			3	11.58	0.0	1220.2	0.0	12.00	0.0	1220.2	0.0
			5	11.58	0.0	813.5	0.0	12.00	0.0	813.5	0.0
			2	0.42	0.0	1932.1	0.0	11.58	0.0	1932.1	0.0
			3	0.42	0.0	1220.3	0.0	11.58	0.0	1220.3	0.0
			5	0.42	0.0	813.5	0.0	11.58	0.0	813.5	0.0
			2	0.00	0.0	1932.1	0.0	0.42	0.0	1932.1	0.0
			3	0.00	0.0	1220.3	0.0	0.42	0.0	1220.3	0.0
			5	0.00	0.0	813.5	0.0	0.42	0.0	813.5	0.0
11	111	4.36	1	0.00	900.0	0.0	0.0	4.36	900.0	0.0	0.0
108	109	12.00	1	0.00	0.0	1050.0	0.0	12.00	0.0	1050.0	0.0
			2	11.58	0.0	1932.1	0.0	12.00	0.0	1932.1	0.0
			3	11.58	0.0	1220.2	0.0	12.00	0.0	1220.2	0.0
			5	11.58	0.0	813.5	0.0	12.00	0.0	813.5	0.0
			2	0.42	0.0	1932.1	0.0	11.58	0.0	1932.1	0.0
			3	0.42	0.0	1220.3	0.0	11.58	0.0	1220.3	0.0
			5	0.42	0.0	813.5	0.0	11.58	0.0	813.5	0.0
			2	0.00	0.0	1932.1	0.0	0.42	0.0	1932.1	0.0
			3	0.00	0.0	1220.2	0.0	0.42	0.0	1220.2	0.0
			5	0.00	0.0	813.5	0.0	0.42	0.0	813.5	0.0
12	112	4.36	1	0.00	900.0	0.0	0.0	4.36	900.0	0.0	0.0
109	110	12.00	1	0.00	0.0	1050.0	0.0	12.00	0.0	1050.0	0.0
			2	11.58	0.0	1932.1	0.0	12.00	0.0	1932.1	0.0
			3	11.58	0.0	1220.3	0.0	12.00	0.0	1220.3	0.0
			5	11.58	0.0	813.5	0.0	12.00	0.0	813.5	0.0
			2	0.42	0.0	1932.1	0.0	11.58	0.0	1932.1	0.0
			3	0.42	0.0	1220.2	0.0	11.58	0.0	1220.2	0.0
			5	0.42	0.0	813.5	0.0	11.58	0.0	813.5	0.0
			2	0.00	0.0	1932.1	0.0	0.42	0.0	1932.1	0.0
			3	0.00	0.0	1220.2	0.0	0.42	0.0	1220.2	0.0
			5	0.00	0.0	813.5	0.0	0.42	0.0	813.5	0.0
13	213	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
110	111	12.00	1	0.00	0.0	1050.0	0.0	12.00	0.0	1050.0	0.0
			2	11.58	0.0	1932.1	0.0	12.00	0.0	1932.1	0.0
			3	11.58	0.0	1220.3	0.0	12.00	0.0	1220.3	0.0
			5	11.58	0.0	813.5	0.0	12.00	0.0	813.5	0.0
			2	0.42	0.0	1932.1	0.0	11.58	0.0	1932.1	0.0
			3	0.42	0.0	1220.3	0.0	11.58	0.0	1220.3	0.0
			5	0.42	0.0	813.5	0.0	11.58	0.0	813.5	0.0
			2	0.00	0.0	1932.1	0.0	0.42	0.0	1932.1	0.0
			3	0.00	0.0	1220.3	0.0	0.42	0.0	1220.3	0.0
			5	0.00	0.0	813.5	0.0	0.42	0.0	813.5	0.0
14	214	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
111	112	12.00	1	0.00	0.0	1050.0	0.0	12.00	0.0	1050.0	0.0
			2	11.58	0.0	1932.1	0.0	12.00	0.0	1932.1	0.0
			3	11.58	0.0	1220.3	0.0	12.00	0.0	1220.3	0.0
			5	11.58	0.0	813.5	0.0	12.00	0.0	813.5	0.0
			2	0.42	0.0	1932.1	0.0	11.58	0.0	1932.1	0.0
			3	0.42	0.0	1220.3	0.0	11.58	0.0	1220.3	0.0
			5	0.42	0.0	813.5	0.0	11.58	0.0	813.5	0.0
			2	0.00	0.0	1932.1	0.0	0.42	0.0	1932.1	0.0
			3	0.00	0.0	1220.3	0.0	0.42	0.0	1220.3	0.0
			5	0.00	0.0	813.5	0.0	0.42	0.0	813.5	0.0
15	215	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0

207	201	4.00	1	0.00	0.0	662.5	0.0	4.00	0.0	662.5	0.0
			6	0.00	0.0	1900.0	0.0	4.00	0.0	1900.0	0.0
16	216	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
208	207	5.00	1	0.00	0.0	662.5	0.0	5.00	0.0	662.5	0.0
			6	0.00	0.0	1900.0	0.0	5.00	0.0	1900.0	0.0
17	217	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
202	208	3.00	1	0.00	0.0	662.5	0.0	3.00	0.0	662.5	0.0
			6	0.00	0.0	1900.0	0.0	3.00	0.0	1900.0	0.0
18	218	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
202	209	2.00	1	0.00	0.0	662.5	0.0	2.00	0.0	662.5	0.0
			6	0.00	0.0	1900.0	0.0	2.00	0.0	1900.0	0.0
19	219	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
209	210	5.00	1	0.00	0.0	662.5	0.0	5.00	0.0	662.5	0.0
			6	0.00	0.0	1900.0	0.0	5.00	0.0	1900.0	0.0
20	220	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
210	203	5.00	1	0.00	0.0	662.5	0.0	5.00	0.0	662.5	0.0
			6	0.00	0.0	1900.0	0.0	5.00	0.0	1900.0	0.0
21	221	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
203	211	0.05	1	0.00	0.0	662.5	0.0	0.05	0.0	662.5	0.0
			6	0.00	0.0	1900.0	0.0	0.05	0.0	1900.0	0.0
22	222	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
211	212	5.00	1	0.00	0.0	662.5	0.0	5.00	0.0	662.5	0.0
			6	0.00	0.0	1900.0	0.0	5.00	0.0	1900.0	0.0
23	223	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
212	231	5.00	1	0.00	0.0	662.5	0.0	5.00	0.0	662.5	0.0
			6	0.00	0.0	1900.0	0.0	5.00	0.0	1900.0	0.0
24	224	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
231	204	1.95	1	0.00	0.0	662.5	0.0	1.95	0.0	662.5	0.0
			6	0.00	0.0	1900.0	0.0	1.95	0.0	1900.0	0.0
25	225	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
204	232	3.05	1	0.00	0.0	662.5	0.0	3.05	0.0	662.5	0.0
			6	0.00	0.0	1900.0	0.0	3.05	0.0	1900.0	0.0
26	226	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
232	233	5.00	1	0.00	0.0	662.5	0.0	5.00	0.0	662.5	0.0
			6	0.00	0.0	1900.0	0.0	5.00	0.0	1900.0	0.0
27	227	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
233	205	3.95	1	0.00	0.0	662.5	0.0	3.95	0.0	662.5	0.0
			6	0.00	0.0	1900.0	0.0	3.95	0.0	1900.0	0.0
28	228	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
205	234	1.05	1	0.00	0.0	662.5	0.0	1.05	0.0	662.5	0.0
			6	0.00	0.0	1900.0	0.0	1.05	0.0	1900.0	0.0
29	229	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
234	235	5.00	1	0.00	0.0	662.5	0.0	5.00	0.0	662.5	0.0
			6	0.00	0.0	1900.0	0.0	5.00	0.0	1900.0	0.0
30	230	8.60	1	0.00	900.0	0.0	0.0	8.60	900.0	0.0	0.0
235	236	5.00	1	0.00	0.0	662.5	0.0	5.00	0.0	662.5	0.0
			6	0.00	0.0	1900.0	0.0	5.00	0.0	1900.0	0.0
236	206	0.95	1	0.00	0.0	662.5	0.0	0.95	0.0	662.5	0.0
			6	0.00	0.0	1900.0	0.0	0.95	0.0	1900.0	0.0
237	213	4.00	1	0.00	0.0	762.5	0.0	4.00	0.0	762.5	0.0
238	237	5.00	1	0.00	0.0	762.5	0.0	5.00	0.0	762.5	0.0
214	238	3.00	1	0.00	0.0	762.5	0.0	3.00	0.0	762.5	0.0
214	239	2.00	1	0.00	0.0	762.5	0.0	2.00	0.0	762.5	0.0
239	240	5.00	1	0.00	0.0	762.5	0.0	5.00	0.0	762.5	0.0
240	215	5.00	1	0.00	0.0	762.5	0.0	5.00	0.0	762.5	0.0
215	241	0.05	1	0.00	0.0	762.5	0.0	0.05	0.0	762.5	0.0
241	242	5.00	1	0.00	0.0	762.5	0.0	5.00	0.0	762.5	0.0
242	243	5.00	1	0.00	0.0	762.5	0.0	5.00	0.0	762.5	0.0
243	216	1.95	1	0.00	0.0	762.5	0.0	1.95	0.0	762.5	0.0
216	244	3.05	1	0.00	0.0	762.5	0.0	3.05	0.0	762.5	0.0
244	245	5.00	1	0.00	0.0	762.5	0.0	5.00	0.0	762.5	0.0
245	217	3.95	1	0.00	0.0	762.5	0.0	3.95	0.0	762.5	0.0
217	246	1.05	1	0.00	0.0	762.5	0.0	1.05	0.0	762.5	0.0
246	247	5.00	1	0.00	0.0	762.5	0.0	5.00	0.0	762.5	0.0
247	248	5.00	1	0.00	0.0	762.5	0.0	5.00	0.0	762.5	0.0

248	218	0.95	1	0.00	0.0	762.5	0.0	0.95	0.0	762.5	0.0
249	219	4.00	1	0.00	0.0	762.5	0.0	4.00	0.0	762.5	0.0
250	249	5.00	1	0.00	0.0	762.5	0.0	5.00	0.0	762.5	0.0
220	250	3.00	1	0.00	0.0	762.5	0.0	3.00	0.0	762.5	0.0
220	251	2.00	1	0.00	0.0	762.5	0.0	2.00	0.0	762.5	0.0
251	252	5.00	1	0.00	0.0	762.5	0.0	5.00	0.0	762.5	0.0
252	221	5.00	1	0.00	0.0	762.5	0.0	5.00	0.0	762.5	0.0
221	253	0.05	1	0.00	0.0	762.5	0.0	0.05	0.0	762.5	0.0
253	254	5.00	1	0.00	0.0	762.5	0.0	5.00	0.0	762.5	0.0
254	255	5.00	1	0.00	0.0	762.5	0.0	5.00	0.0	762.5	0.0
255	222	1.95	1	0.00	0.0	762.5	0.0	1.95	0.0	762.5	0.0
222	256	3.05	1	0.00	0.0	762.5	0.0	3.05	0.0	762.5	0.0
256	257	5.00	1	0.00	0.0	762.5	0.0	5.00	0.0	762.5	0.0
257	223	3.95	1	0.00	0.0	762.5	0.0	3.95	0.0	762.5	0.0
223	258	1.05	1	0.00	0.0	762.5	0.0	1.05	0.0	762.5	0.0
258	259	5.00	1	0.00	0.0	762.5	0.0	5.00	0.0	762.5	0.0
259	260	5.00	1	0.00	0.0	762.5	0.0	5.00	0.0	762.5	0.0
260	224	0.95	1	0.00	0.0	762.5	0.0	0.95	0.0	762.5	0.0
261	225	4.00	1	0.00	0.0	662.5	0.0	4.00	0.0	662.5	0.0
			6	0.00	0.0	1900.0	0.0	4.00	0.0	1900.0	0.0
262	261	5.00	1	0.00	0.0	662.5	0.0	5.00	0.0	662.5	0.0
			6	0.00	0.0	1900.0	0.0	5.00	0.0	1900.0	0.0
226	262	3.00	1	0.00	0.0	662.5	0.0	3.00	0.0	662.5	0.0
			6	0.00	0.0	1900.0	0.0	3.00	0.0	1900.0	0.0
226	263	2.00	1	0.00	0.0	662.5	0.0	2.00	0.0	662.5	0.0
			6	0.00	0.0	1900.0	0.0	2.00	0.0	1900.0	0.0
263	264	5.00	1	0.00	0.0	662.5	0.0	5.00	0.0	662.5	0.0
			6	0.00	0.0	1900.0	0.0	5.00	0.0	1900.0	0.0
264	227	5.00	1	0.00	0.0	662.5	0.0	5.00	0.0	662.5	0.0
			6	0.00	0.0	1900.0	0.0	5.00	0.0	1900.0	0.0
227	265	0.05	1	0.00	0.0	662.5	0.0	0.05	0.0	662.5	0.0
			6	0.00	0.0	1900.0	0.0	0.05	0.0	1900.0	0.0
265	266	5.00	1	0.00	0.0	662.5	0.0	5.00	0.0	662.5	0.0
			6	0.00	0.0	1900.0	0.0	5.00	0.0	1900.0	0.0
266	267	5.00	1	0.00	0.0	662.5	0.0	5.00	0.0	662.5	0.0
			6	0.00	0.0	1900.0	0.0	5.00	0.0	1900.0	0.0
267	228	1.95	1	0.00	0.0	662.5	0.0	1.95	0.0	662.5	0.0
			6	0.00	0.0	1900.0	0.0	1.95	0.0	1900.0	0.0
228	268	3.05	1	0.00	0.0	662.5	0.0	3.05	0.0	662.5	0.0
			6	0.00	0.0	1900.0	0.0	3.05	0.0	1900.0	0.0
268	269	5.00	1	0.00	0.0	662.5	0.0	5.00	0.0	662.5	0.0
			6	0.00	0.0	1900.0	0.0	5.00	0.0	1900.0	0.0
269	229	3.95	1	0.00	0.0	662.5	0.0	3.95	0.0	662.5	0.0
			6	0.00	0.0	1900.0	0.0	3.95	0.0	1900.0	0.0
229	270	1.05	1	0.00	0.0	662.5	0.0	1.05	0.0	662.5	0.0
			6	0.00	0.0	1900.0	0.0	1.05	0.0	1900.0	0.0
270	271	5.00	1	0.00	0.0	662.5	0.0	5.00	0.0	662.5	0.0
			6	0.00	0.0	1900.0	0.0	5.00	0.0	1900.0	0.0
271	272	5.00	1	0.00	0.0	662.5	0.0	5.00	0.0	662.5	0.0
			6	0.00	0.0	1900.0	0.0	5.00	0.0	1900.0	0.0
272	230	0.95	1	0.00	0.0	662.5	0.0	0.95	0.0	662.5	0.0
			6	0.00	0.0	1900.0	0.0	0.95	0.0	1900.0	0.0
207	237	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0
			2	0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0
			3	0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0
237	249	16.26	1	0.00	0.0	637.5	0.0	16.26	0.0	637.5	0.0
			2	0.00	0.0	142.5	-0.0	16.26	0.0	142.5	-0.0
			3	0.00	0.0	175.0	0.0	16.26	0.0	175.0	0.0
			4	0.00	0.0	200.0	0.0	16.26	0.0	200.0	0.0
249	261	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0
			2	0.00	0.0	142.5	-0.0	16.27	0.0	142.5	-0.0
			3	0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0
208	238	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0

			2	-0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0
			3	-0.00	0.0	175.0	-0.0	16.27	0.0	175.0	-0.0
			4	-0.00	0.0	200.0	-0.0	16.27	0.0	200.0	-0.0
			2	0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0
			3	0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0
238	250	16.26	1	0.00	0.0	637.5	0.0	16.26	0.0	637.5	0.0
			2	-0.00	0.0	142.5	0.0	16.26	0.0	142.5	0.0
			3	-0.00	0.0	175.0	0.0	16.26	0.0	175.0	0.0
			4	-0.00	0.0	200.0	0.0	16.26	0.0	200.0	0.0
			2	0.00	0.0	142.5	-0.0	16.26	0.0	142.5	-0.0
			3	0.00	0.0	175.0	-0.0	16.26	0.0	175.0	-0.0
			4	0.00	0.0	200.0	0.0	16.26	0.0	200.0	0.0
250	262	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0
			2	-0.00	0.0	142.5	-0.0	16.27	0.0	142.5	-0.0
			3	-0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	-0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0
			2	0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0
			3	0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0
209	239	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0
			2	-0.00	0.0	142.5	-0.0	16.27	0.0	142.5	-0.0
			3	-0.00	0.0	175.0	-0.0	16.27	0.0	175.0	-0.0
			4	-0.00	0.0	200.0	-0.0	16.27	0.0	200.0	-0.0
			2	0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0
			3	0.00	0.0	175.0	-0.0	16.27	0.0	175.0	-0.0
			4	0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0
239	251	16.26	1	0.00	0.0	637.5	0.0	16.26	0.0	637.5	0.0
			2	-0.00	0.0	142.5	-0.0	16.26	0.0	142.5	-0.0
			3	-0.00	0.0	175.0	0.0	16.26	0.0	175.0	0.0
			4	-0.00	0.0	200.0	0.0	16.26	0.0	200.0	0.0
			2	0.00	0.0	142.5	-0.0	16.26	0.0	142.5	-0.0
			3	0.00	0.0	175.0	-0.0	16.26	0.0	175.0	-0.0
			4	0.00	0.0	200.0	0.0	16.26	0.0	200.0	0.0
251	263	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0
			2	-0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0
			3	-0.00	0.0	175.0	-0.0	16.27	0.0	175.0	-0.0
			4	-0.00	0.0	200.0	-0.0	16.27	0.0	200.0	-0.0
			2	0.00	0.0	142.5	-0.0	16.27	0.0	142.5	-0.0
			3	0.00	0.0	175.0	-0.0	16.27	0.0	175.0	-0.0
			4	0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0
210	240	16.27	1	0.00	0.0	637.5	0.2	16.27	0.0	637.5	0.2
			2	0.00	0.0	143.9	0.0	16.27	0.0	143.9	0.0
			3	0.00	0.0	176.8	0.0	16.27	0.0	176.8	0.0
			4	0.00	0.0	202.0	0.1	16.27	0.0	202.0	0.1
			2	-0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0
			3	-0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	-0.00	0.0	200.0	0.1	16.27	0.0	200.0	0.1
240	252	16.26	1	0.00	0.0	637.5	0.2	16.26	0.0	637.5	0.2
			2	0.00	0.0	143.9	0.0	16.26	0.0	143.9	0.0
			3	0.00	0.0	176.8	0.0	16.26	0.0	176.8	0.0
			4	0.00	0.0	202.0	0.1	16.26	0.0	202.0	0.1
			2	-0.00	0.0	142.5	0.0	16.26	0.0	142.5	0.0
			3	-0.00	0.0	175.0	0.0	16.26	0.0	175.0	0.0
			4	-0.00	0.0	200.0	0.1	16.26	0.0	200.0	0.1
252	264	16.27	1	0.00	0.0	637.5	0.2	16.27	0.0	637.5	0.2
			2	0.00	0.0	143.9	0.0	16.27	0.0	143.9	0.0
			3	0.00	0.0	176.8	0.0	16.27	0.0	176.8	0.0
			4	0.00	0.0	202.0	0.1	16.27	0.0	202.0	0.1
			2	-0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0
			3	-0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	-0.00	0.0	200.0	0.1	16.27	0.0	200.0	0.1
211	241	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0
			2	0.00	0.0	142.5	-0.0	16.27	0.0	142.5	-0.0
			3	0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0

			4	0.00	0.0	200.0	-0.0	16.27	0.0	200.0	-0.0
			2	-0.00	0.0	143.9	-0.0	16.27	0.0	143.9	-0.0
			3	-0.00	0.0	176.8	0.0	16.27	0.0	176.8	0.0
			4	-0.00	0.0	202.0	-0.0	16.27	0.0	202.0	-0.0
241	253	16.26	1	0.00	0.0	637.5	0.0	16.26	0.0	637.5	0.0
			2	-0.00	0.0	143.9	-0.0	16.26	0.0	143.9	-0.0
			3	-0.00	0.0	176.8	-0.0	16.26	0.0	176.8	-0.0
			4	-0.00	0.0	202.0	-0.0	16.26	0.0	202.0	-0.0
			2	0.00	0.0	142.5	0.0	16.26	0.0	142.5	0.0
			3	0.00	0.0	175.0	0.0	16.26	0.0	175.0	0.0
			4	0.00	0.0	200.0	0.0	16.26	0.0	200.0	0.0
253	265	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0
			2	-0.00	0.0	143.9	0.0	16.27	0.0	143.9	0.0
			3	-0.00	0.0	176.8	0.0	16.27	0.0	176.8	0.0
			4	-0.00	0.0	202.0	0.0	16.27	0.0	202.0	0.0
			2	0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0
			3	0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0
212	242	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0
			2	-0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0
			3	-0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	-0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0
			2	0.00	0.0	142.5	-0.0	16.27	0.0	142.5	-0.0
			3	0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	0.00	0.0	200.0	-0.0	16.27	0.0	200.0	-0.0
242	254	16.26	1	0.00	0.0	637.5	0.0	16.26	0.0	637.5	0.0
			2	-0.00	0.0	142.5	0.0	16.26	0.0	142.5	0.0
			3	-0.00	0.0	175.0	-0.0	16.26	0.0	175.0	-0.0
			4	-0.00	0.0	200.0	-0.0	16.26	0.0	200.0	-0.0
			2	0.00	0.0	142.5	-0.0	16.26	0.0	142.5	-0.0
			3	0.00	0.0	175.0	-0.0	16.26	0.0	175.0	-0.0
			4	0.00	0.0	200.0	0.0	16.26	0.0	200.0	0.0
254	266	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0
			2	-0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0
			3	-0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	-0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0
			2	0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0
			3	0.00	0.0	175.0	-0.0	16.27	0.0	175.0	-0.0
			4	0.00	0.0	200.0	-0.0	16.27	0.0	200.0	-0.0
231	243	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0
			2	-0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0
			3	-0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	-0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0
			2	0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0
			3	0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0
243	255	16.26	1	0.00	0.0	637.5	0.0	16.26	0.0	637.5	0.0
			2	-0.00	0.0	142.5	-0.0	16.26	0.0	142.5	-0.0
			3	-0.00	0.0	175.0	0.0	16.26	0.0	175.0	0.0
			4	-0.00	0.0	200.0	0.0	16.26	0.0	200.0	0.0
			2	0.00	0.0	142.5	0.0	16.26	0.0	142.5	0.0
			3	0.00	0.0	175.0	-0.0	16.26	0.0	175.0	-0.0
			4	0.00	0.0	200.0	-0.0	16.26	0.0	200.0	-0.0
255	267	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0
			2	-0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0
			3	-0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	-0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0
			2	0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0
			3	0.00	0.0	175.0	-0.0	16.27	0.0	175.0	-0.0
			4	0.00	0.0	200.0	-0.0	16.27	0.0	200.0	-0.0
232	244	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0
			2	0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0
			3	0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0
			2	-0.00	0.0	142.5	-0.0	16.27	0.0	142.5	-0.0

			3	-0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	-0.00	0.0	200.0	-0.0	16.27	0.0	200.0	-0.0
244	256	16.26	1	0.00	0.0	637.5	0.0	16.26	0.0	637.5	0.0
			2	-0.00	0.0	142.5	0.0	16.26	0.0	142.5	0.0
			3	-0.00	0.0	175.0	-0.0	16.26	0.0	175.0	-0.0
			4	-0.00	0.0	200.0	-0.0	16.26	0.0	200.0	-0.0
			2	0.00	0.0	142.5	-0.0	16.26	0.0	142.5	-0.0
			3	0.00	0.0	175.0	0.0	16.26	0.0	175.0	0.0
			4	0.00	0.0	200.0	0.0	16.26	0.0	200.0	0.0
256	268	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0
			2	-0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0
			3	-0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	-0.00	0.0	200.0	-0.0	16.27	0.0	200.0	-0.0
			2	0.00	0.0	142.5	-0.0	16.27	0.0	142.5	-0.0
			3	0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0
233	245	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0
			2	-0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0
			3	-0.00	0.0	175.0	-0.0	16.27	0.0	175.0	-0.0
			4	-0.00	0.0	200.0	-0.0	16.27	0.0	200.0	-0.0
			2	0.00	0.0	142.5	-0.0	16.27	0.0	142.5	-0.0
			3	0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0
245	257	16.26	1	0.00	0.0	637.5	0.0	16.26	0.0	637.5	0.0
			2	-0.00	0.0	142.5	-0.0	16.26	0.0	142.5	-0.0
			3	-0.00	0.0	175.0	0.0	16.26	0.0	175.0	0.0
			4	-0.00	0.0	200.0	0.0	16.26	0.0	200.0	0.0
			2	0.00	0.0	142.5	0.0	16.26	0.0	142.5	0.0
			3	0.00	0.0	175.0	-0.0	16.26	0.0	175.0	-0.0
			4	0.00	0.0	200.0	-0.0	16.26	0.0	200.0	-0.0
257	269	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0
			2	-0.00	0.0	142.5	-0.0	16.27	0.0	142.5	-0.0
			3	-0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	-0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0
			2	0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0
			3	0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0
234	246	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0
			2	0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0
			3	0.00	0.0	175.0	-0.0	16.27	0.0	175.0	-0.0
			4	0.00	0.0	200.0	-0.0	16.27	0.0	200.0	-0.0
			2	-0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0
			3	-0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	-0.00	0.0	200.0	-0.0	16.27	0.0	200.0	-0.0
246	258	16.26	1	0.00	0.0	637.5	0.0	16.26	0.0	637.5	0.0
			2	-0.00	0.0	142.5	0.0	16.26	0.0	142.5	0.0
			3	-0.00	0.0	175.0	-0.0	16.26	0.0	175.0	-0.0
			4	-0.00	0.0	200.0	-0.0	16.26	0.0	200.0	-0.0
			2	0.00	0.0	142.5	-0.0	16.26	0.0	142.5	-0.0
			3	0.00	0.0	175.0	0.0	16.26	0.0	175.0	0.0
			4	0.00	0.0	200.0	0.0	16.26	0.0	200.0	0.0
258	270	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0
			2	-0.00	0.0	142.5	-0.0	16.27	0.0	142.5	-0.0
			3	-0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	-0.00	0.0	200.0	-0.0	16.27	0.0	200.0	-0.0
			2	0.00	0.0	142.5	-0.0	16.27	0.0	142.5	-0.0
			3	0.00	0.0	175.0	-0.0	16.27	0.0	175.0	-0.0
			4	0.00	0.0	200.0	-0.0	16.27	0.0	200.0	-0.0
235	247	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0
			2	0.00	0.0	142.5	-0.0	16.27	0.0	142.5	-0.0
			3	0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0
			2	-0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0
			3	-0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	-0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0

247	259	16.26	1	0.00	0.0	637.5	0.0	16.26	0.0	637.5	0.0
			2	-0.00	0.0	142.5	-0.0	16.26	0.0	142.5	-0.0
			3	-0.00	0.0	175.0	0.0	16.26	0.0	175.0	0.0
			4	-0.00	0.0	200.0	0.0	16.26	0.0	200.0	0.0
			2	0.00	0.0	142.5	0.0	16.26	0.0	142.5	0.0
			3	0.00	0.0	175.0	-0.0	16.26	0.0	175.0	-0.0
			4	0.00	0.0	200.0	-0.0	16.26	0.0	200.0	-0.0
259	271	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0
			2	-0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0
			3	-0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	-0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0
			2	0.00	0.0	142.5	0.0	16.27	0.0	142.5	0.0
			3	0.00	0.0	175.0	-0.0	16.27	0.0	175.0	-0.0
			4	0.00	0.0	200.0	-0.0	16.27	0.0	200.0	-0.0
236	248	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0
			2	-0.00	0.0	142.5	-0.0	16.27	0.0	142.5	-0.0
			3	-0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	-0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0
248	260	16.26	1	0.00	0.0	637.5	0.0	16.26	0.0	637.5	0.0
			2	-0.00	0.0	142.5	-0.0	16.26	0.0	142.5	-0.0
			3	-0.00	0.0	175.0	0.0	16.26	0.0	175.0	0.0
			4	-0.00	0.0	200.0	0.0	16.26	0.0	200.0	0.0
260	272	16.27	1	0.00	0.0	637.5	0.0	16.27	0.0	637.5	0.0
			2	-0.00	0.0	142.5	-0.0	16.27	0.0	142.5	-0.0
			3	-0.00	0.0	175.0	0.0	16.27	0.0	175.0	0.0
			4	-0.00	0.0	200.0	0.0	16.27	0.0	200.0	0.0
206	218	16.27	6	0.00	0.0	1900.0	0.0	16.27	0.0	1900.0	0.0
218	224	16.26	6	0.00	0.0	1900.0	0.0	16.26	0.0	1900.0	0.0
224	230	16.27	6	0.00	0.0	1900.0	0.0	16.27	0.0	1900.0	0.0

- Analisi dinamica

- Convenzioni adottate

Nella presente versione del programma ***WinStrand*** l'analisi in campo dinamico della struttura può essere condotta per via *statica equivalente* ovvero per via *modale* facendo uso, per il calcolo della risposta, dello spettro di pseudo accellerazioni fornito dal regolamento italiano.

Nel caso di analisi dinamica condotta per via *statica equivalente* le azioni di piano vengono calcolate facendo riferimento al punto **C.6.1.1.** delle **norme tecniche per le costruzioni in zona sismica** e cioè, definiti:

W_i

peso dell'*i-esimo* impalcato valutato tenendo conto dei carichi permanenti e dei coefficienti riduttivi relativi alle condizioni di carico accidentali

K_{hi}

coefficiente ottenuto tenendo conto del coefficiente di intensità sismica e dei coefficienti di risposta, fondazione, struttura. Ovvero:

$$K_{hi} = C \times R \times \varepsilon \times \beta \times \eta_i$$

dove (indicando con h_j l'altezza del *j-esimo* piano)

$$\eta_i = h_i \frac{\sum_{j=1}^{n} W_j}{\sum_{j}^{n} W_j h_j}$$

L'azione tagliante sull'iesimo piano vale:

$$F_i = K_{hi} \times W_i$$

A tale azione tagliante viene poi associato (qualora il rapporto fra i lati *D* e *B* dell'edificio sia superiore a *2.5* in accordo al punto **C.6.1.2** delle norme citate) il momento torcente di piano:

$$M_i = \lambda \sum_{j=1}^{n} D_j F_j$$

Nel caso di analisi dinamica condotta per via *modale* il programma provvede al calcolo dei modi di vibrare della struttura facendo uso dell'algoritmo noto in letteratura tecnica come *Subspace Iteration*. Una volta *M-Ortonormalizzati* gli autovettori la risposta massima relativa all'*i-esimo* modo di vibrare viene valutata con la formula:

$$S_{Max} = \frac{L_{ni} \times Sa(T_i)}{M_{ni} \times \omega_i^2}$$

nella quale:

$$Sa(T) = C \times R(T) \times \varepsilon \times \beta \times g$$

con:

$C = (S-2)/100$

$L_{ni} = \{f_i^T\}[M]\{I\}$ e

$M_{ni} = \{f_i^T\}[M]\{f_i^T\}$

I simboli che compaiono nelle espressioni precedenti hanno il seguente significato:

ε
coefficiente di fondazione;

β
coefficiente di struttura;

g
accelerazione di gravità

w_i
i-esima frequenza associata all'*i-esimo* autovettore;

$R(T_i)$
coefficiente di risposta ricavato dallo spettro di *pseudoaccelerazioni* del regolamento;

S
Grado di sismicit&agrve;

f_i
i-esimo autovettore;

M
matrice delle masse;

I
vettore di trascinamento;

Per cui il campo di spostamenti indotto dall'*i-esimo* modo di vibrare sulla struttura vale:

$$V_i = \phi_i \times S_{Max}$$

Il programma per ogni direzione di ingresso del sisma quindi valuta il campo di spostamenti nodali e il campo di sollecitazioni nel generico elemento secondo la formula di quadratura:

$$S = \sqrt{\sum_{i=1}^{n} S_i^2}$$

dove:

n

numero di modi (>= 3) considerati in soluzione

S_i
generica componente di spostamento o di sollecitazione indotta dallo *i-esimo* modo di vibrare nell'elemento.

In output vengono inoltre riportate, per ogni direzione di ingresso del sisma e per ogni modo di vibrare, le cosiddette *masse modali efficaci*. In particolare considerando la *j-esima* direzione di ingresso del sisma e denotando con il pedice *i* le grandezze relative all'*i-esimo* modo di vibrare, vengono forniti in output la grandezze:

- Il modo di vibrare (si noti che per ogni direzione di ingresso il *sub-set* di modi di vibrare utilizzato può cambiare essendo i modi di vibrare scelti in modo tale da fornire il massimo fattore di partecipazione L_{ij}).
- Il fattore di partecipazione L_{ij} (altrimenti noto in letteratura tecnica come g_{ij}).
- Il rapporto percentuale fra il fattore di partecipazione del primo modo considerato ed il generico modo (pari a $100\ L_{ij}/L_{1j}$).
- La massa modale Em_{ij} efficace relativa all'*i-esimo* modo ($Em_{ij}=L_{ij}^2/M_{ij}$).
- Il rapporto fra la massa modale efficace dell'*i-esimo* modo e la massa modale efficace totale, calcolato come $100\ Em_{ij} / Em_{Tot\,j}$.
- La percentuale, cumulativa, della massa modale considerata sommando via via i contributi dovuti ai singoli modi di vibrare e pari a $100\ \Sigma_i\ (Em_{ij} / Em_{TOT})$. Tale valore è pari al 100% per un'analisi dinamica completa.

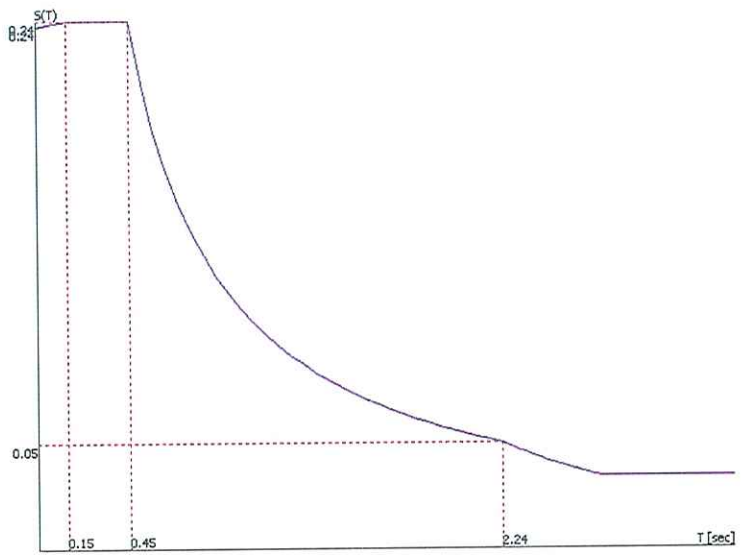
- Dati generali relativi all'analisi dinamica

- Spettro in accordo con TU 2008

- Verona VR Longitudine 10.9989 Latitudine 45.4444
- Tipo di Terreno C
- Coefficiente di amplificazione topografica (S_T) 1.0000
- Vita nominale della costruzione (V_N) 50.0 anni
- Classe d'uso II° coefficiente C_U 1.0
- Classe di duttilità impostata Bassa
- Fattore di struttura massimo q_o per sisma orizzontale 3.00
- Fattore di duttilita K_R per sisma orizzontale 1.00
- Fattore riduttivo regolarità in altezza K_R 0.80
- Fattore riduttivo per la presenza di setti K_W 1.00
- Fattore di struttura q per sisma orizzontale 2.40
- Fattore di struttura q per sisma verticale 1.50
- Smorzamento Viscoso (0.05 = 5%) 0.05

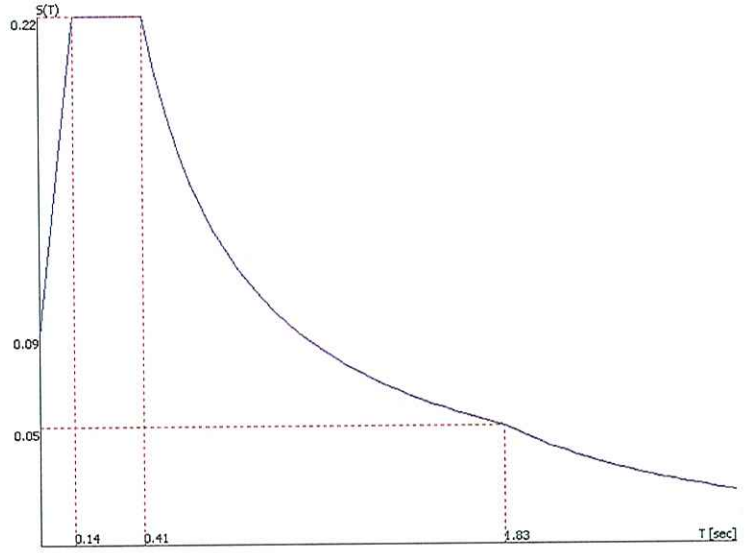
- TU 2008 SLV H

- Probabilità di superamento (P_{VR}) 10.0 e periodo di ritorno (T_R) 475 (anni)
- S_s 1.5
- T_B 0.15 [sec]
- T_C 0.45 [sec]
- T_D 2.24 [sec]
- a_g/g 0.1610
- F_o 2.4300
- T_C^* 0.2800



- TU 2008 SLD H

- Probabilità di superamento (P_{VR}) 63.0 e periodo di ritorno (T_R) 50 (anni)
- S_s 1.5
- T_B 0.14 [sec]
- T_C 0.41 [sec]
- T_D 1.83 [sec]
- a_g/g 0.0571
- F_o 2.5197
- T_C^* 0.2446



Fattori di partecipazione per il calcolo delle masse

Cond. Carico 1 pp 1.0000

Cond. Carico 2 solaio 1.0000

Cond. Carico 3 perm 1.0000

Cond. Carico 4 neve 0.0000

Cond. Carico 5 var B 0.3000

Cond. Carico 6 pannelli solo sisma 1.0000

Cond. Carico 7 vento 0 0.0000

Cond. Carico 8 vento 180 0.0000

Cond. Carico 9 vento 90 0.0000

Cond. Carico 10 vento 270 0.0000

Analisi dinamica con condensazione di piano ed inclusione delle masse dei nodi liberi

Angoli d'ingresso del Sisma

- SLV Direzione 1 Angolo in pianta 0.00 [°]
- SLV Direzione 2 Angolo in pianta 0.00 [°]
- SLV Direzione 3 Angolo in pianta 180.00 [°]
- SLV Direzione 4 Angolo in pianta 180.00 [°]
- SLV Direzione 5 Angolo in pianta 90.00 [°]
- SLV Direzione 6 Angolo in pianta 90.00 [°]
- SLV Direzione 7 Angolo in pianta 270.00 [°]
- SLV Direzione 8 Angolo in pianta 270.00 [°]
- SLD Direzione 9 Angolo in pianta 0.00 [°]
- SLD Direzione 10 Angolo in pianta 0.00 [°]
- SLD Direzione 11 Angolo in pianta 180.00 [°]

- SLD Direzione 12 Angolo in pianta 180.00 [°]
- SLD Direzione 13 Angolo in pianta 90.00 [°]
- SLD Direzione 14 Angolo in pianta 90.00 [°]
- SLD Direzione 15 Angolo in pianta 270.00 [°]
- SLD Direzione 16 Angolo in pianta 270.00 [°]

Solaio	x [m]	y [m]	z [m]	Massa [UTM]	Jpolare [UTM m²]
1	90.00	4.00	4.36	57731.9	18239360.0
2	93.01	24.62	8.60	131226.0	81327832.0

- Rigidezze traslanti dei solai.

Solaio	Kxx [kg/m]	Kyy [kg/m]	Kxy [kg/m]	Kxt [kgm]	Kyt [kgm]
1	2.8e+007	2.8e+007	0.0e+000	0.0e+000	0.0e+000
2	8.1e+006	8.1e+006	0.0e+000	-9.8e+006	1.2e+008

- Direzione d'ingresso 1 angolo 0.00 [°] + SLV

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	2.92725e+001	5.410	1.16	0.0920
2	4.79090e+002	21.888	0.29	0.2388
3	2.97751e+001	5.457	1.15	0.0928
4	4.12894e+001	6.426	0.98	0.1093
5	4.66793e+002	21.605	0.29	0.2388
6	4.10214e+002	20.254	0.31	0.2388

- Direzione d'ingresso 2 angolo 0.00 [°] - SLV

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	2.59377e+001	5.093	1.23	0.0866
2	4.59681e+001	6.780	0.93	0.1153
3	4.85554e+002	22.035	0.29	0.2388
4	2.97767e+001	5.457	1.15	0.0928
5	4.66794e+002	21.605	0.29	0.2388
6	4.10214e+002	20.254	0.31	0.2388

- Direzione d'ingresso 3 angolo 180.00 [°] + SLV

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	2.59377e+001	5.093	1.23	0.0866
2	4.59681e+001	6.780	0.93	0.1153
3	4.85554e+002	22.035	0.29	0.2388
4	2.97767e+001	5.457	1.15	0.0928
5	4.66794e+002	21.605	0.29	0.2388
6	4.10214e+002	20.254	0.31	0.2388

- Direzione d'ingresso 4 angolo 180.00 [°] - SLV

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	2.92725e+001	5.410	1.16	0.0920
2	4.79090e+002	21.888	0.29	0.2388

3	2.97751e+001	5.457	1.15	0.0928
4	4.12894e+001	6.426	0.98	0.1093
5	4.66793e+002	21.605	0.29	0.2388
6	4.10214e+002	20.254	0.31	0.2388

- Direzione d'ingresso 5 angolo 90.00 [°] + SLV

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	2.97733e+001	5.456	1.15	0.0928
2	2.74330e+001	5.238	1.20	0.0891
3	4.66785e+002	21.605	0.29	0.2388
4	4.37132e+001	6.612	0.95	0.1125
5	4.82873e+002	21.974	0.29	0.2388
6	4.10214e+002	20.254	0.31	0.2388

- Direzione d'ingresso 6 angolo 90.00 [°] - SLV

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	2.97700e+001	5.456	1.15	0.0928
2	2.68536e+001	5.182	1.21	0.0881
3	4.66796e+002	21.605	0.29	0.2388
4	4.47462e+001	6.689	0.94	0.1138
5	4.81946e+002	21.953	0.29	0.2388
6	4.10214e+002	20.254	0.31	0.2388

- Direzione d'ingresso 7 angolo 270.00 [°] + SLV

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	2.97700e+001	5.456	1.15	0.0928
2	2.68536e+001	5.182	1.21	0.0881
3	4.66796e+002	21.605	0.29	0.2388
4	4.47462e+001	6.689	0.94	0.1138
5	4.81946e+002	21.953	0.29	0.2388
6	4.10214e+002	20.254	0.31	0.2388

- Direzione d'ingresso 8 angolo 270.00 [°] - SLV

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	2.97733e+001	5.456	1.15	0.0928
2	2.74330e+001	5.238	1.20	0.0891
3	4.66785e+002	21.605	0.29	0.2388
4	4.37132e+001	6.612	0.95	0.1125
5	4.82873e+002	21.974	0.29	0.2388
6	4.10214e+002	20.254	0.31	0.2388

- Direzione d'ingresso 9 angolo 0.00 [°] + SLD

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	2.92725e+001	5.410	1.16	0.0920

2	4.79090e+002	21.888	0.29	0.2388
3	2.97751e+001	5.457	1.15	0.0928
4	4.12894e+001	6.426	0.98	0.1093
5	4.66793e+002	21.605	0.29	0.2388
6	4.10214e+002	20.254	0.31	0.2388

- Direzione d'ingresso 10 angolo 0.00 [°] - SLD

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	2.59377e+001	5.093	1.23	0.0866
2	4.59681e+001	6.780	0.93	0.1153
3	4.85554e+002	22.035	0.29	0.2388
4	2.97767e+001	5.457	1.15	0.0928
5	4.66794e+002	21.605	0.29	0.2388
6	4.10214e+002	20.254	0.31	0.2388

- Direzione d'ingresso 11 angolo 180.00 [°] + SLD

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	2.59377e+001	5.093	1.23	0.0866
2	4.59681e+001	6.780	0.93	0.1153
3	4.85554e+002	22.035	0.29	0.2388
4	2.97767e+001	5.457	1.15	0.0928
5	4.66794e+002	21.605	0.29	0.2388
6	4.10214e+002	20.254	0.31	0.2388

- Direzione d'ingresso 12 angolo 180.00 [°] - SLD

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	2.92725e+001	5.410	1.16	0.0920
2	4.79090e+002	21.888	0.29	0.2388
3	2.97751e+001	5.457	1.15	0.0928
4	4.12894e+001	6.426	0.98	0.1093
5	4.66793e+002	21.605	0.29	0.2388
6	4.10214e+002	20.254	0.31	0.2388

- Direzione d'ingresso 13 angolo 90.00 [°] + SLD

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	2.97733e+001	5.456	1.15	0.0928
2	2.74330e+001	5.238	1.20	0.0891
3	4.66785e+002	21.605	0.29	0.2388
4	4.37132e+001	6.612	0.95	0.1125
5	4.82873e+002	21.974	0.29	0.2388
6	4.10214e+002	20.254	0.31	0.2388

- Direzione d'ingresso 14 angolo 90.00 [°] - SLD

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta

1	2.97700e+001	5.456	1.15	0.0928
2	2.68536e+001	5.182	1.21	0.0881
3	4.66796e+002	21.605	0.29	0.2388
4	4.47462e+001	6.689	0.94	0.1138
5	4.81946e+002	21.953	0.29	0.2388
6	4.10214e+002	20.254	0.31	0.2388

- Direzione d'ingresso 15 angolo 270.00 [°] + SLD

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	2.97700e+001	5.456	1.15	0.0928
2	2.68536e+001	5.182	1.21	0.0881
3	4.66796e+002	21.605	0.29	0.2388
4	4.47462e+001	6.689	0.94	0.1138
5	4.81946e+002	21.953	0.29	0.2388
6	4.10214e+002	20.254	0.31	0.2388

- Direzione d'ingresso 16 angolo 270.00 [°] - SLD

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	2.97733e+001	5.456	1.15	0.0928
2	2.74330e+001	5.238	1.20	0.0891
3	4.66785e+002	21.605	0.29	0.2388
4	4.37132e+001	6.612	0.95	0.1125
5	4.82873e+002	21.974	0.29	0.2388
6	4.10214e+002	20.254	0.31	0.2388

- Direzione di Ingresso del Sisma 1 Angolo 0.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
1	-3.64957e+002	100.0	1.33193e+005	70.5	70.5
2	1.64959e+002	45.2	2.72116e+004	14.4	84.9
3	-1.31128e+002	35.9	1.71946e+004	9.1	94.0
4	1.03346e+002	28.3	1.06805e+004	5.7	99.6
5	2.25616e+001	6.2	5.09025e+002	0.3	99.9
6	7.15269e-003	0.0	5.11610e-005	0.0	99.9

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 0.00

Solaio	Ingombro in Pianta Larghezza Apparente B [m]	H [m]	Eccentricità dxG [m]	dyG [m]	Sx [m]	Sy [m]	dJp [UTM]x[m]	[UTM]x[m]	[UTM m²]
1	60.00	8.14	8.14	0.41	0.00	-0.41	23482.5	0.0	9551.5
2	60.00	48.80	48.80	2.44	0.00	-2.44	320191.3	0.0	781266.8

Direzione di Ingresso del Sisma 1 Angolo 0.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	1	10942.6	5010.5	4450.9			
	2	89110.0	-12005.1	36245.5			
	3	1740.0	-4992.9	707.7			
	4	5229.0	-239.0	2126.9			
	5	1664.1	12371.8	676.9			
	6	0.0	0.0	0.0			
				Per Via Statica Equivalente	31108.4	0.0	0.0

Per Via Modale	92028.5	2353.5	37432.6
Variazione	60920.1	2353.5	37432.6

Direzione di Ingresso del Sisma 1 Angolo 0.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
2	1	109298.4	37492.9	-324613.9			
	2	-25357.2	3347.9	-655727.3			
	3	13915.2	-40163.9	36256.6			
	4	6222.1	2835.3	984376.6			
	5	-471.5	-3495.0	-1323.5			
	6	-0.0	-0.0	-0.0			
				Per Via Statica Equivalente	139474.1	0.0	3925762.8
				Per Via Modale	127397.6	5383.0	1156601.6
				Variazione	-12076.6	5383.0	-2769161.3

- Direzione di Ingresso del Sisma 2 Angolo 0.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
7	-3.44006e+002	100.0	1.18340e+005	62.6	62.6
8	2.04635e+002	59.5	4.18754e+004	22.2	84.8
9	1.63150e+002	47.4	2.66180e+004	14.1	98.9
10	-4.02849e+001	11.7	1.62287e+003	0.9	99.7
11	1.82449e+001	5.3	3.32877e+002	0.2	99.9
12	2.86375e-003	0.0	8.20106e-006	0.0	99.9

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 0.00

Solaio	Ingombro in Pianta Larghezza B [m]	H [m]	Apparente [m]	Eccentricità dxG [m]	dyG [m]	Sx [UTM]x[m]	Sy [UTM]x[m]	dJp [UTM m²]
1	60.00	8.14	8.14	0.41	-0.00	0.41	-23482.5	-0.0	9551.5
2	60.00	48.80	48.80	2.44	-0.00	2.44	-320191.3	-0.0	781266.8

Direzione di Ingresso del Sisma 2 Angolo 0.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	7	5624.9	1813.1	-2287.9			
	8	14655.9	-650.3	-5961.3			
	9	87706.7	-9532.9	-35674.7			
	10	163.7	-1614.9	-66.6			
	11	1088.3	10036.0	-442.7			
	12	0.0	0.0	-0.0			
				Per Via Statica Equivalente	29282.9	0.0	0.0
				Per Via Modale	90337.4	3141.8	-36744.7
				Variazione	61054.5	3141.8	-36744.7

Direzione di Ingresso del Sisma 2 Angolo 0.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
2	7	94937.8	9242.2	-1360067.9			
	8	32716.6	3934.1	1766894.1			
	9	-25344.6	2641.1	-657564.1			
	10	1313.9	-12993.5	-3137.2			
	11	-308.4	-2835.1	660.2			

	12	-0.0	-0.0	-0.0			
				Per Via Statica Equivalente	131289.3	0.0	1626265.6
				Per Via Modale	107553.2	-9889.8	-2210268.8
				Variazione	-23736.1	-9889.8	-3836534.3

- Direzione di Ingresso del Sisma 3 Angolo 180.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
13	3.44006e+002	100.0	1.18340e+005	62.6	62.6
14	-2.04635e+002	59.5	4.18754e+004	22.2	84.8
15	-1.63150e+002	47.4	2.66180e+004	14.1	98.9
16	4.02851e+001	11.7	1.62289e+003	0.9	99.7
17	-1.82448e+001	5.3	3.32874e+002	0.2	99.9
18	-2.86375e-003	0.0	8.20105e-006	0.0	99.9

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 180.00

Solaio	Ingombro in Pianta Larghezza B [m]	H [m]	Apparente [m]	Eccentricità dxG [m]	dyG [m]	Sx [UTM]x[m]	Sy [UTM]x[m]	dJp [UTM m²]
1	60.00	8.14	8.14	0.41	-0.00	0.41	-23482.5	-0.0	9551.5
2	60.00	48.80	48.80	2.44	-0.00	2.44	-320191.4	-0.0	781267.0

Direzione di Ingresso del Sisma 3 Angolo 180.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	13	-5624.9	-1813.1	2287.9			
	14	-14655.9	650.3	5961.3			
	15	-87706.7	9532.9	35674.7			
	16	-163.7	1614.9	66.6			
	17	-1088.3	-10036.0	442.7			
	18	-0.0	-0.0	0.0			
				Per Via Statica Equivalente	-29282.9	-0.0	0.0
				Per Via Modale	-90337.4	-3141.8	36744.7
				Variazione	-61054.5	-3141.8	36744.7

Direzione di Ingresso del Sisma 3 Angolo 180.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
2	13	-94937.8	-9242.2	1360067.9			
	14	-32716.6	-3934.1	-1766894.1			
	15	25344.6	-2641.1	657564.2			
	16	-1313.9	12993.5	3137.3			
	17	308.4	2835.1	-660.2			
	18	0.0	0.0	0.0			
				Per Via Statica Equivalente	-131289.3	-0.0	-3695385.0
				Per Via Modale	-107553.2	9889.8	2210268.8
				Variazione	23736.1	9889.8	5905653.5

- Direzione di Ingresso del Sisma 4 Angolo 180.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
19	3.64957e+002	100.0	1.33193e+005	70.5	70.5

20	-1.64959e+002	45.2	2.72116e+004	14.4	84.9
21	1.31128e+002	35.9	1.71947e+004	9.1	94.0
22	-1.03346e+002	28.3	1.06805e+004	5.7	99.6
23	-2.25615e+001	6.2	5.09022e+002	0.3	99.9
24	-7.15269e-003	0.0	5.11610e-005	0.0	99.9

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 180.00

Solaio	Ingombro in Pianta B [m]	H [m]	Larghezza Apparente [m]	Eccentricità dxG [m]	dyG [m]	Sx [UTM]x[m]	Sy [UTM]x[m]	dJp [UTM m²]
1	60.00	8.14	8.14	0.41	0.00	-0.41	23482.5	0.0	9551.5
2	60.00	48.80	48.80	2.44	0.00	-2.44	320191.4	0.0	781267.0

Direzione di Ingresso del Sisma 4 Angolo 180.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	19	-10942.6	-5010.5	-4450.9			
	20	-89110.0	12005.1	-36245.5			
	21	-1740.0	4993.0	-707.7			
	22	-5229.0	239.0	-2126.9			
	23	-1664.0	-12371.8	-676.9			
	24	-0.0	-0.0	-0.0			
				Per Via Statica Equivalente	-31108.4	-0.0	0.0
				Per Via Modale	-92028.5	-2353.4	-37432.6
				Variazione	-60920.1	-2353.4	-37432.6

Direzione di Ingresso del Sisma 4 Angolo 180.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
2	19	-109298.3	-37492.8	324613.7			
	20	25357.2	-3347.9	655727.4			
	21	-13915.2	40163.9	-36256.6			
	22	-6222.1	-2835.3	-984376.4			
	23	471.5	3494.9	1323.5			
	24	0.0	0.0	0.0			
				Per Via Statica Equivalente	-139474.1	-0.0	-1727650.3
				Per Via Modale	-127397.6	-5383.0	-1156601.5
				Variazione	12076.6	-5383.0	571048.9

- Direzione di Ingresso del Sisma 5 Angolo 90.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
25	3.54335e+002	100.0	1.25553e+005	66.4	66.4
26	1.69563e+002	47.9	2.87515e+004	15.2	81.7
27	1.64398e+002	46.4	2.70267e+004	14.3	96.0
28	-7.77045e+001	21.9	6.03799e+003	3.2	99.2
29	-3.98576e+001	11.2	1.58863e+003	0.8	100.0
30	3.04524e-003	0.0	9.27349e-006	0.0	100.0

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 90.00

Solaio	Ingombro in Pianta B [m]	H [m]	Larghezza Apparente [m]	Eccentricità dxG [m]	dyG [m]	Sx [UTM]x[m]	Sy [UTM]x[m]	dJp [UTM m²]
1	60.00	8.14	60.00	3.00	3.00	0.00	-0.0	173195.8	519587.5
2	60.00	48.80	60.00	3.00	3.00	0.00	-0.0	393677.9	1181033.7

Direzione di Ingresso del Sisma 5 Angolo 90.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	25	6657.4	12632.2	37896.5			
	26	-2994.0	2233.9	6701.6			
	27	22042.0	88248.7	264746.0			
	28	-4788.4	1540.4	4621.2			
	29	-20977.8	5242.4	15727.3			
	30	0.0	0.0	0.0			
				Per Via Statica Equivalente	-0.0	31373.4	0.0
				Per Via Modale	-7740.3	94608.4	283825.1
				Variazione	-7740.3	63235.0	283825.1

Direzione di Ingresso del Sisma 5 Angolo 90.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
2	25	53419.3	101676.8	308472.3			
	26	-43963.2	22892.9	565626.4			
	27	-6245.7	-24929.0	-76763.7			
	28	-9123.6	5120.6	-692383.6			
	29	6015.0	-1520.5	159386.8			
	30	-0.0	-0.0	-0.0			
				Per Via Statica Equivalente	-0.0	140662.0	1283111.4
				Per Via Modale	27690.3	125714.6	994792.7
				Variazione	27690.3	-14947.4	-288318.7

- Direzione di Ingresso del Sisma 6 Angolo 90.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
31	3.06345e+002	100.0	9.38471e+004	49.7	49.7
32	-2.35790e+002	77.0	5.55969e+004	29.4	79.1
33	1.69442e+002	55.3	2.87106e+004	15.2	94.3
34	1.03935e+002	33.9	1.08024e+004	5.7	100.0
35	9.16215e-001	0.3	8.39449e-001	0.0	100.0
36	-3.40479e-004	0.0	1.15926e-007	0.0	100.0

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 90.00

Solaio	Ingombro in Pianta B [m]	H [m]	Larghezza Apparente [m]	Eccentricità dxG [m]	dyG [m]	Sx [UTM]x[m]	Sy [UTM]x[m]	dJp [UTM m²]
1	60.00	8.14	60.00	3.00	-3.00	-0.00	0.0	-173195.8	519587.5
2	60.00	48.80	60.00	3.00	-3.00	-0.00	0.0	-393677.9	1181033.7

Direzione di Ingresso del Sisma 6 Angolo 90.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	31	-7958.0	9444.3	-28333.0			
	32	2827.3	5282.7	-15848.0			
	33	-919.4	93747.8	-281243.5			
	34	6307.8	1375.1	-4125.4			
	35	497.6	4.7	-14.1			
	36	-0.0	0.0	-0.0			
				Per Via Statica Equivalente	-0.0	31371.6	0.0
				Per Via Modale	7817.4	94896.1	-284688.3

	Variazione	7817.4	63524.5	-284688.3

Direzione di Ingresso del Sisma 6 Angolo 90.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
2	31	-63897.7	75993.4	-231056.4			
	32	51906.1	42789.2	-858376.2			
	33	260.5	-26483.0	79535.8			
	34	11278.9	10681.8	915765.7			
	35	-142.6	-2.7	-3658.7			
	36	0.0	0.0	0.0			
				Per Via Statica Equivalente	-0.0	140654.2	-250556.8
				Per Via Modale	-39267.0	118174.4	-1288458.6
				Variazione	-39267.0	-22479.8	-1037901.9

- Direzione di Ingresso del Sisma 7 Angolo 270.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
37	-3.06345e+002	100.0	9.38471e+004	49.7	49.7
38	2.35790e+002	77.0	5.55970e+004	29.4	79.1
39	-1.69442e+002	55.3	2.87106e+004	15.2	94.3
40	-1.03935e+002	33.9	1.08024e+004	5.7	100.0
41	-9.16291e-001	0.3	8.39590e-001	0.0	100.0
42	3.40477e-004	0.0	1.15924e-007	0.0	100.0

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 270.00

Solaio	Ingombro in Pianta B [m]	H [m]	Larghezza Apparente [m]	Eccentricità dxG [m]	dyG [m]	Sx [UTM]x[m]	Sy [UTM]x[m]	dJp [UTM m²]
1	60.00	8.14	60.00	3.00	-3.00	-0.00	0.0	-173195.8	519587.5
2	60.00	48.80	60.00	3.00	-3.00	-0.00	0.1	-393677.9	1181033.8

Direzione di Ingresso del Sisma 7 Angolo 270.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	37	7958.0	-9444.3	28333.0			
	38	-2827.3	-5282.7	15848.0			
	39	919.4	-93747.8	281243.5			
	40	-6307.8	-1375.1	4125.4			
	41	-497.6	-4.7	14.1			
	42	0.0	-0.0	0.0			
				Per Via Statica Equivalente	0.0	-31371.6	0.0
				Per Via Modale	-7817.4	-94896.1	284688.3
				Variazione	-7817.4	-63524.5	284688.3

Direzione di Ingresso del Sisma 7 Angolo 270.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
2	37	63897.7	-75993.4	231056.3			
	38	-51906.1	-42789.2	858376.7			
	39	-260.5	26483.0	-79535.8			
	40	-11278.9	-10681.8	-915766.3			
	41	142.6	2.7	3659.0			
	42	-0.0	-0.0	-0.0			

Per Via Statica Equivalente	0.0	-140654.2	-1283039.8
Per Via Modale	39267.0	-118174.4	1288459.4
Variazione	39267.0	22479.9	2571499.0

- Direzione di Ingresso del Sisma 8 Angolo 270.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
43	-3.54335e+002	100.0	1.25553e+005	66.4	66.4
44	-1.69562e+002	47.9	2.87514e+004	15.2	81.7
45	-1.64398e+002	46.4	2.70267e+004	14.3	96.0
46	7.77045e+001	21.9	6.03798e+003	3.2	99.2
47	3.98575e+001	11.2	1.58862e+003	0.8	100.0
48	-3.04524e-003	0.0	9.27350e-006	0.0	100.0

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 270.00

Solaio	Ingombro in Pianta B [m]	H [m]	Larghezza Apparente [m]	Eccentricità dxG [m]	dyG [m]	Sx [UTM]x[m]	Sy [UTM]x[m]	dJp [UTM m²]
1	60.00	8.14	60.00	3.00	3.00	0.00	-0.0	173195.8	519587.5
2	60.00	48.80	60.00	3.00	3.00	0.00	-0.1	393677.9	1181033.8

Direzione di Ingresso del Sisma 8 Angolo 270.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	43	-6657.4	-12632.2	-37896.5			
	44	2994.0	-2233.9	-6701.6			
	45	-22042.0	-88248.7	-264746.0			
	46	4788.4	-1540.4	-4621.2			
	47	20977.8	-5242.4	-15727.3			
	48	-0.0	-0.0	-0.0			
				Per Via Statica Equivalente	0.0	-31373.4	0.0
				Per Via Modale	7740.3	-94608.4	-283825.1
				Variazione	7740.3	-63235.0	-283825.1

Direzione di Ingresso del Sisma 8 Angolo 270.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
2	43	-53419.3	-101676.8	-308472.3			
	44	43963.1	-22892.9	-565626.0			
	45	6245.7	24929.0	76763.7			
	46	9123.6	-5120.6	692383.0			
	47	-6015.0	1520.5	-159386.5			
	48	0.0	0.0	0.0			
				Per Via Statica Equivalente	0.0	-140662.0	250570.9
				Per Via Modale	-27690.3	-125714.6	-994792.1
				Variazione	-27690.3	14947.4	-1245362.9

- Direzione di Ingresso del Sisma 9 Angolo 0.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
49	-3.64957e+002	100.0	1.33193e+005	70.5	70.5
50	1.64959e+002	45.2	2.72116e+004	14.4	84.9

51	-1.31128e+002	35.9	1.71946e+004	9.1	94.0
52	1.03346e+002	28.3	1.06805e+004	5.7	99.6
53	2.25616e+001	6.2	5.09025e+002	0.3	99.9
54	7.15269e-003	0.0	5.11610e-005	0.0	99.9

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 0.00

Solaio	Ingombro in Pianta B [m]	H [m]	Larghezza Apparente [m]		Eccentricità dxG [m]	dyG [m]	Sx [UTM]x[m]	Sy [UTM]x[m]	dJp [UTM m²]
1	60.00	8.14	8.14	0.41	0.00	-0.41	23482.5	0.0	9551.5
2	60.00	48.80	48.80	2.44	0.00	-2.44	320191.3	0.0	781266.8

Direzione di Ingresso del Sisma 9 Angolo 0.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	49	9028.3	4133.9	3672.2			
	50	80494.1	-10844.3	32741.0			
	51	1435.6	-4119.5	583.9			
	52	4314.2	-197.2	1754.8			
	53	1503.2	11175.6	611.4			
	54	0.0	0.0	0.0			
				Per Via Statica Equivalente	25666.3	0.0	0.0
				Per Via Modale	82944.5	2111.2	33737.7
				Variazione	57278.3	2111.2	33737.7

Direzione di Ingresso del Sisma 9 Angolo 0.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
2	49	90177.4	30933.8	-267825.2			
	50	-22905.5	3024.2	-592325.9			
	51	11480.8	-33137.5	29913.8			
	52	5133.6	2339.3	812167.6			
	53	-425.9	-3157.0	-1195.5			
	54	-0.0	-0.0	-0.0			
				Per Via Statica Equivalente	115074.2	0.0	3238981.0
				Per Via Modale	105531.2	4447.5	-984215.2
				Variazione	-9543.0	4447.5	-4223196.0

- Direzione di Ingresso del Sisma 10 Angolo 0.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
55	-3.44006e+002	100.0	1.18340e+005	62.6	62.6
56	2.04635e+002	59.5	4.18754e+004	22.2	84.8
57	1.63150e+002	47.4	2.66180e+004	14.1	98.9
58	-4.02849e+001	11.7	1.62287e+003	0.9	99.7
59	1.82449e+001	5.3	3.32877e+002	0.2	99.9
60	2.86375e-003	0.0	8.20106e-006	0.0	99.9

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 0.00

Solaio	Ingombro in Pianta B [m]	H [m]	Larghezza Apparente [m]		Eccentricità dxG [m]	dyG [m]	Sx [UTM]x[m]	Sy [UTM]x[m]	dJp [UTM m²]
1	60.00	8.14	8.14	0.41	-0.00	0.41	-23482.5	-0.0	9551.5
2	60.00	48.80	48.80	2.44	-0.00	2.44	-320191.3	-0.0	781266.8

Direzione di Ingresso del Sisma 10 Angolo 0.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	55	4640.9	1496.0	-1887.7			
	56	12092.0	-536.5	-4918.4			
	57	79226.5	-8611.2	-32225.4			
	58	135.1	-1332.4	-54.9			
	59	983.0	9065.7	-399.9			
	60	0.0	0.0	-0.0			
				Per Via Statica Equivalente	24160.1	0.0	0.0
				Per Via Modale	81374.4	2778.8	-33099.0
				Variazione	57214.3	2778.8	-33099.0

Direzione di Ingresso del Sisma 10 Angolo 0.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
2	55	78329.2	7625.4	-1122134.5			
	56	26993.1	3245.8	1457789.8			
	57	-22894.1	2385.7	-593985.2			
	58	1084.1	-10720.4	-2588.4			
	59	-278.6	-2561.0	596.3			
	60	-0.0	-0.0	-0.0			
				Per Via Statica Equivalente	108321.3	0.0	1341763.0
				Per Via Modale	89228.5	-8164.6	-1839408.5
				Variazione	-19092.7	-8164.6	-3181171.5

- Direzione di Ingresso del Sisma 11 Angolo 180.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
61	3.44006e+002	100.0	1.18340e+005	62.6	62.6
62	-2.04635e+002	59.5	4.18754e+004	22.2	84.8
63	-1.63150e+002	47.4	2.66180e+004	14.1	98.9
64	4.02851e+001	11.7	1.62289e+003	0.9	99.7
65	-1.82448e+001	5.3	3.32874e+002	0.2	99.9
66	-2.86375e-003	0.0	8.20105e-006	0.0	99.9

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 180.00

Solaio	Ingombro in Pianta B [m]	H [m]	Larghezza Apparente [m]		Eccentricità dxG [m]	dyG [m]	Sx [UTM]x[m]	Sy [UTM]x[m]	dJp [UTM m²]
1	60.00	8.14	8.14	0.41	-0.00	0.41	-23482.5	-0.0	9551.5
2	60.00	48.80	48.80	2.44	-0.00	2.44	-320191.4	-0.0	781267.0

Direzione di Ingresso del Sisma 11 Angolo 180.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	61	-4640.9	-1496.0	1887.7			
	62	-12092.0	536.5	4918.4			
	63	-79226.5	8611.2	32225.4			
	64	-135.1	1332.4	54.9			
	65	-983.0	-9065.6	399.9			
	66	-0.0	-0.0	0.0			
				Per Via Statica Equivalente	-24160.1	-0.0	0.0
				Per Via Modale	-81374.4	-2778.8	33099.1
				Variazione	-57214.3	-2778.8	33099.1

Direzione di Ingresso del Sisma 11 Angolo 180.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
2	61	-78329.2	-7625.4	1122134.5			
	62	-26993.1	-3245.8	-1457789.6			
	63	22894.1	-2385.7	593985.2			
	64	-1084.1	10720.4	2588.4			
	65	278.6	2561.0	-596.3			
	66	0.0	0.0	0.0			
				Per Via Statica Equivalente	-108321.3	-0.0	-3048906.0
				Per Via Modale	-89228.5	8164.6	1839408.5
				Variazione	19092.7	8164.6	4888314.5

- Direzione di Ingresso del Sisma 12 Angolo 180.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
67	3.64957e+002	100.0	1.33193e+005	70.5	70.5
68	-1.64959e+002	45.2	2.72116e+004	14.4	84.9
69	1.31128e+002	35.9	1.71947e+004	9.1	94.0
70	-1.03346e+002	28.3	1.06805e+004	5.7	99.6
71	-2.25615e+001	6.2	5.09022e+002	0.3	99.9
72	-7.15269e-003	0.0	5.11610e-005	0.0	99.9

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 180.00

Solaio	Ingombro in Pianta B [m]	H [m]	Larghezza Apparente [m]		Eccentricità dxG [m]	dyG [m]	Sx [UTM]x[m]	Sy [UTM]x[m]	dJp [UTM m²]
1	60.00	8.14	8.14	0.41	0.00	-0.41	23482.5	0.0	9551.5
2	60.00	48.80	48.80	2.44	0.00	-2.44	320191.4	0.0	781267.0

Direzione di Ingresso del Sisma 12 Angolo 180.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	67	-9028.3	-4133.9	-3672.2			
	68	-80494.1	10844.3	-32741.0			
	69	-1435.6	4119.5	-583.9			
	70	-4314.2	197.2	-1754.8			
	71	-1503.2	-11175.6	-611.4			
	72	-0.0	-0.0	-0.0			
				Per Via Statica Equivalente	-25666.3	-0.0	0.0
				Per Via Modale	-82944.5	-2111.2	-33737.7
				Variazione	-57278.3	-2111.2	-33737.7

Direzione di Ingresso del Sisma 12 Angolo 180.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
2	67	-90177.4	-30933.8	267825.0			
	68	22905.5	-3024.2	592325.9			
	69	-11480.8	33137.6	-29913.8			
	70	-5133.6	-2339.3	-812167.4			
	71	425.9	3157.0	1195.5			
	72	0.0	0.0	0.0			
				Per Via Statica Equivalente	-115074.2	-0.0	-1425411.3
				Per Via Modale	-105531.2	-4447.5	984215.1

				Variazione	9543.0	-4447.5	2409626.3

- Direzione di Ingresso del Sisma 13 Angolo 90.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
73	3.54335e+002	100.0	1.25553e+005	66.4	66.4
74	1.69563e+002	47.9	2.87515e+004	15.2	81.7
75	1.64398e+002	46.4	2.70267e+004	14.3	96.0
76	-7.77045e+001	21.9	6.03799e+003	3.2	99.2
77	-3.98576e+001	11.2	1.58863e+003	0.8	100.0
78	3.04524e-003	0.0	9.27349e-006	0.0	100.0

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 90.00

Solaio	Ingombro in Pianta B [m]	H [m]	Larghezza Apparente [m]		Eccentricità dxG [m]	dyG [m]	Sx [UTM]x[m]	Sy [UTM]x[m]	dJp [UTM m²]
1	60.00	8.14	60.00	3.00	3.00	0.00	-0.0	173195.8	519587.5
2	60.00	48.80	60.00	3.00	3.00	0.00	-0.0	393677.9	1181033.7

Direzione di Ingresso del Sisma 13 Angolo 90.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	73	5492.7	10422.3	31266.8			
	74	-2470.2	1843.1	5529.2			
	75	19910.8	79716.0	239148.0			
	76	-3950.7	1270.9	3812.7			
	77	-18949.5	4735.6	14206.7			
	78	0.0	0.0	0.0			
				Per Via Statica Equivalente	-0.0	25884.8	0.0
				Per Via Modale	6665.5	85278.2	255834.5
				Variazione	6665.5	59393.3	255834.5

Direzione di Ingresso del Sisma 13 Angolo 90.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
2	73	44074.0	83889.2	254507.4			
	74	-36272.1	18888.0	466674.4			
	75	-5641.8	-22518.7	-69341.5			
	76	-7527.5	4224.8	-571256.4			
	77	5433.4	-1373.5	143975.9			
	78	-0.0	-0.0	-0.0			
				Per Via Statica Equivalente	-0.0	116054.3	1058641.0
				Per Via Modale	22852.5	104167.9	821375.8
				Variazione	22852.5	-11886.4	-237265.1

- Direzione di Ingresso del Sisma 14 Angolo 90.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
79	3.06345e+002	100.0	9.38471e+004	49.7	49.7
80	-2.35790e+002	77.0	5.55969e+004	29.4	79.1
81	1.69442e+002	55.3	2.87106e+004	15.2	94.3
82	1.03935e+002	33.9	1.08024e+004	5.7	100.0
83	9.16215e-001	0.3	8.39449e-001	0.0	100.0

84	-3.40479e-004	0.0	1.15926e-007	0.0	100.0

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 90.00

Solaio	Ingombro in Pianta B [m]	H [m]	Larghezza Apparente [m]		Eccentricità dxG [m]	dyG [m]	Sx [UTM]x[m]	Sy [UTM]x[m]	dJp [UTM m²]
1	60.00	8.14	60.00	3.00	-3.00	-0.00	0.0	-173195.8	519587.5
2	60.00	48.80	60.00	3.00	-3.00	-0.00	0.0	-393677.9	1181033.7

Direzione di Ingresso del Sisma 14 Angolo 90.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	79	-6565.8	7792.1	-23376.4			
	80	2332.7	4358.5	-13075.5			
	81	-830.5	84683.5	-254050.5			
	82	5204.3	1134.6	-3403.7			
	83	449.4	4.3	-12.8			
	84	-0.0	0.0	-0.0			
				Per Via Statica Equivalente	-0.0	25883.4	0.0
				Per Via Modale	6451.8	85554.5	-256663.5
				Variazione	6451.8	59671.1	-256663.5

Direzione di Ingresso del Sisma 14 Angolo 90.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
2	79	-52719.3	62698.9	-190634.8			
	80	42825.5	35303.6	-708209.9			
	81	235.3	-23922.4	71845.6			
	82	9305.8	8813.1	755559.6			
	83	-128.8	-2.5	-3305.0			
	84	0.0	0.0	0.0			
				Per Via Statica Equivalente	-0.0	116047.9	-206723.8
				Per Via Modale	-32397.6	97977.8	-1063426.3
				Variazione	-32397.6	-18070.1	-856702.5

- Direzione di Ingresso del Sisma 15 Angolo 270.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
85	-3.06345e+002	100.0	9.38471e+004	49.7	49.7
86	2.35790e+002	77.0	5.55970e+004	29.4	79.1
87	-1.69442e+002	55.3	2.87106e+004	15.2	94.3
88	-1.03935e+002	33.9	1.08024e+004	5.7	100.0
89	-9.16291e-001	0.3	8.39590e-001	0.0	100.0
90	3.40477e-004	0.0	1.15924e-007	0.0	100.0

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 270.00

Solaio	Ingombro in Pianta B [m]	H [m]	Larghezza Apparente [m]		Eccentricità dxG [m]	dyG [m]	Sx [UTM]x[m]	Sy [UTM]x[m]	dJp [UTM m²]
1	60.00	8.14	60.00	3.00	-3.00	-0.00	0.0	-173195.8	519587.5
2	60.00	48.80	60.00	3.00	-3.00	-0.00	0.1	-393677.9	1181033.8

Direzione di Ingresso del Sisma 15 Angolo 270.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]

1	85	6565.8	-7792.1	23376.4			
	86	-2332.7	-4358.5	13075.5			
	87	830.5	-84683.5	254050.5			
	88	-5204.3	-1134.6	3403.7			
	89	-449.5	-4.3	12.8			
	90	0.0	-0.0	0.0			
				Per Via Statica Equivalente	0.0	-25883.4	0.0
				Per Via Modale	-6451.8	-85554.5	256663.5
				Variazione	-6451.8	-59671.1	256663.5

Direzione di Ingresso del Sisma 15 Angolo 270.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
2	85	52719.3	-62698.9	190634.8			
	86	-42825.5	-35303.6	708210.3			
	87	-235.3	23922.4	-71845.6			
	88	-9305.8	-8813.1	-755560.1			
	89	128.8	2.5	3305.3			
	90	-0.0	-0.0	-0.0			
				Per Via Statica Equivalente	0.0	-116047.9	-1058581.9
				Per Via Modale	32397.6	-97977.8	1063426.9
				Variazione	32397.5	18070.1	2122008.8

- Direzione di Ingresso del Sisma 16 Angolo 270.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
91	-3.54335e+002	100.0	1.25553e+005	66.4	66.4
92	-1.69562e+002	47.9	2.87514e+004	15.2	81.7
93	-1.64398e+002	46.4	2.70267e+004	14.3	96.0
94	7.77045e+001	21.9	6.03798e+003	3.2	99.2
95	3.98575e+001	11.2	1.58862e+003	0.8	100.0
96	-3.04524e-003	0.0	9.27350e-006	0.0	100.0

- Variazioni Matrice delle Masse Solai Direzione d'ingresso 270.00

Solaio	Ingombro in Pianta B [m]	H [m]	Larghezza Apparente [m]		Eccentricità dxG [m]	dyG [m]	Sx [UTM]x[m]	Sy [UTM]x[m]	dJp [UTM m²]
1	60.00	8.14	60.00	3.00	3.00	0.00	-0.0	173195.8	519587.5
2	60.00	48.80	60.00	3.00	3.00	0.00	-0.1	393677.9	1181033.8

Direzione di Ingresso del Sisma 16 Angolo 270.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
1	91	-5492.7	-10422.3	-31266.8			
	92	2470.2	-1843.1	-5529.2			
	93	-19910.8	-79716.0	-239148.1			
	94	3950.7	-1270.9	-3812.7			
	95	18949.5	-4735.5	-14206.6			
	96	-0.0	-0.0	-0.0			
				Per Via Statica Equivalente	0.0	-25884.8	0.0
				Per Via Modale	-6665.5	-85278.2	-255834.5
				Variazione	-6665.5	-59393.3	-255834.5

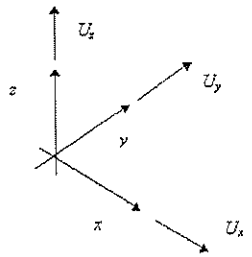
Direzione di Ingresso del Sisma 16 Angolo 270.00 [°]

Solaio	Modo	Fx [kg]	Fy [kg]	Mt [kgm]	Fx Ris. [kg]	Fy Ris. [kg]	Mt Ris. [kgm]
2	91	-44074.0	-83889.2	-254507.5			
	92	36272.1	-18887.9	-466674.1			
	93	5641.8	22518.7	69341.5			
	94	7527.5	-4224.8	571255.9			
	95	-5433.4	1373.5	-143975.6			
	96	0.0	0.0	0.0			
				Per Via Statica Equivalente	0.0	-116054.3	206735.4
				Per Via Modale	-22852.5	-104167.9	-821375.3
				Variazione	-22852.5	11886.4	-1028110.8

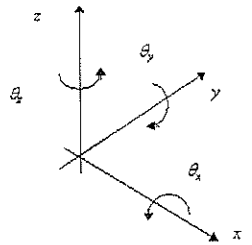
- Spostamenti nodali

- Convenzioni adottate

La terna di riferimento generale è destrorsa per cui si hanno i seguenti segni positivi per le componenti di spostamento nodale:



e per quanto riguarda le rotazioni:



Nel seguito vengono riportate, per ogni nodo (con esclusione dei nodi *K* che definiscono l'orientamento delle aste e quindi, essendo bloccati, hanno componenti di spostamento nulle), le componenti di spostamento in tutte le combinazioni di carico definite.

Nodo	Comb.	Ux [cm]	Uy [cm]	Uz [cm]	Rx [°]	Ry [°]	Rz [°]
1	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00

	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
	51	0.00	0.00	0.00	0.00	0.00	0.00
	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
	56	0.00	0.00	0.00	0.00	0.00	0.00
	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00

	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
2	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00

	51	0.00	0.00	0.00	0.00	0.00	0.00
	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
	56	0.00	0.00	0.00	0.00	0.00	0.00
	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
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	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
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	15	0.00	0.00	0.00	0.00	0.00	0.00
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	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00

	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
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	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
	51	0.00	0.00	0.00	0.00	0.00	0.00
	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
	56	0.00	0.00	0.00	0.00	0.00	0.00
	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
4	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00

	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
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	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
	51	0.00	0.00	0.00	0.00	0.00	0.00
	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
	56	0.00	0.00	0.00	0.00	0.00	0.00
	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00

	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
5	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
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	30	0.00	0.00	0.00	0.00	0.00	0.00
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	34	0.00	0.00	0.00	0.00	0.00	0.00
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	41	0.00	0.00	0.00	0.00	0.00	0.00
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	43	0.00	0.00	0.00	0.00	0.00	0.00
	44	0.00	0.00	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
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	55	0.00	0.00	0.00	0.00	0.00	0.00
	56	0.00	0.00	0.00	0.00	0.00	0.00
	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
6	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
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	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	0.00	0.00	0.00
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	43	0.00	0.00	0.00	0.00	0.00	0.00
	44	0.00	0.00	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
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	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
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	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
7	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00

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	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
	51	0.00	0.00	0.00	0.00	0.00	0.00
	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
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	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00

	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
8	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
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	15	0.00	0.00	0.00	0.00	0.00	0.00
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	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
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	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
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	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
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	34	0.00	0.00	0.00	0.00	0.00	0.00
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	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
	51	0.00	0.00	0.00	0.00	0.00	0.00
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	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
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	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
9	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
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	37	0.00	0.00	0.00	0.00	0.00	0.00
	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
	51	0.00	0.00	0.00	0.00	0.00	0.00
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	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
10	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
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	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
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	14	0.00	0.00	0.00	0.00	0.00	0.00
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	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
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	38	0.00	0.00	0.00	0.00	0.00	0.00
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	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	0.00	0.00	0.00
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	44	0.00	0.00	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
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	50	0.00	0.00	0.00	0.00	0.00	0.00
	51	0.00	0.00	0.00	0.00	0.00	0.00
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	55	0.00	0.00	0.00	0.00	0.00	0.00
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	57	0.00	0.00	0.00	0.00	0.00	0.00
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	59	0.00	0.00	0.00	0.00	0.00	0.00
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	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00

	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
11	1	0.00	0.00	0.00	0.00	0.00	0.00
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	7	0.00	0.00	0.00	0.00	0.00	0.00
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	44	0.00	0.00	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
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	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
12	1	0.00	0.00	0.00	0.00	0.00	0.00
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	6	0.00	0.00	0.00	0.00	0.00	0.00
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	41	0.00	0.00	0.00	0.00	0.00	0.00
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	44	0.00	0.00	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
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	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
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	53	0.00	0.00	0.00	0.00	0.00	0.00
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	55	0.00	0.00	0.00	0.00	0.00	0.00
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	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
13	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
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	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
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	30	0.00	0.00	0.00	0.00	0.00	0.00
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	33	0.00	0.00	0.00	0.00	0.00	0.00
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	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
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	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00

	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
14	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
	51	0.00	0.00	0.00	0.00	0.00	0.00
	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
	56	0.00	0.00	0.00	0.00	0.00	0.00
	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00

	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
15	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
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	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
	51	0.00	0.00	0.00	0.00	0.00	0.00
	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
	56	0.00	0.00	0.00	0.00	0.00	0.00
	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
16	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00

	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
	51	0.00	0.00	0.00	0.00	0.00	0.00
	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
	56	0.00	0.00	0.00	0.00	0.00	0.00
	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00

	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
17	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
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	27	0.00	0.00	0.00	0.00	0.00	0.00
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	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
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	63	0.00	0.00	0.00	0.00	0.00	0.00
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	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
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	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
18	1	0.00	0.00	0.00	0.00	0.00	0.00
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	44	0.00	0.00	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
	51	0.00	0.00	0.00	0.00	0.00	0.00
	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
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	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
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	66	0.00	0.00	0.00	0.00	0.00	0.00
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	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
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	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
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	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
19	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
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	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00

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	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
	38	0.00	0.00	0.00	0.00	0.00	0.00
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	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	0.00	0.00	0.00
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	44	0.00	0.00	0.00	0.00	0.00	0.00
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	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
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	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
	56	0.00	0.00	0.00	0.00	0.00	0.00
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	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
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	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
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	86	0.00	0.00	0.00	0.00	0.00	0.00
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	2	0.00	0.00	0.00	0.00	0.00	0.00
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	49	0.00	0.00	0.00	0.00	0.00	0.00
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	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
	56	0.00	0.00	0.00	0.00	0.00	0.00
	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00

	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
21	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
	51	0.00	0.00	0.00	0.00	0.00	0.00
	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
	56	0.00	0.00	0.00	0.00	0.00	0.00
	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
22	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
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	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
	51	0.00	0.00	0.00	0.00	0.00	0.00
	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
	56	0.00	0.00	0.00	0.00	0.00	0.00
	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00

	86	0.00	0.00	0.00	0.00	0.00	0.00
23	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
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	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
	51	0.00	0.00	0.00	0.00	0.00	0.00
	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
	56	0.00	0.00	0.00	0.00	0.00	0.00
	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00

	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
24	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
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	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
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	34	0.00	0.00	0.00	0.00	0.00	0.00
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	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
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	41	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
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	47	0.00	0.00	0.00	0.00	0.00	0.00
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	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
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	63	0.00	0.00	0.00	0.00	0.00	0.00
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	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
25	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
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	9	0.00	0.00	0.00	0.00	0.00	0.00
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	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
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	14	0.00	0.00	0.00	0.00	0.00	0.00
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	18	0.00	0.00	0.00	0.00	0.00	0.00
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	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
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	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
	51	0.00	0.00	0.00	0.00	0.00	0.00
	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
	56	0.00	0.00	0.00	0.00	0.00	0.00
	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
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	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
26	1	0.00	0.00	0.00	0.00	0.00	0.00

	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
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	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	0.00	0.00	0.00
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	44	0.00	0.00	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
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	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
	56	0.00	0.00	0.00	0.00	0.00	0.00
	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
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	66	0.00	0.00	0.00	0.00	0.00	0.00

	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
27	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
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	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
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	13	0.00	0.00	0.00	0.00	0.00	0.00
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	16	0.00	0.00	0.00	0.00	0.00	0.00
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	19	0.00	0.00	0.00	0.00	0.00	0.00
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	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
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	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00

	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
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	51	0.00	0.00	0.00	0.00	0.00	0.00
	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
	56	0.00	0.00	0.00	0.00	0.00	0.00
	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00
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	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
28	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.00	0.00	0.00	0.00	0.00
	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
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	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
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	25	0.00	0.00	0.00	0.00	0.00	0.00
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	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
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	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
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	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
29	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00

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	5	0.00	0.00	0.00	0.00	0.00	0.00
	6	0.00	0.00	0.00	0.00	0.00	0.00
	7	0.00	0.00	0.00	0.00	0.00	0.00
	8	0.00	0.00	0.00	0.00	0.00	0.00
	9	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.00	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	12	0.00	0.00	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	16	0.00	0.00	0.00	0.00	0.00	0.00
	17	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	0.00	0.00	0.00	0.00	0.00
	19	0.00	0.00	0.00	0.00	0.00	0.00
	20	0.00	0.00	0.00	0.00	0.00	0.00
	21	0.00	0.00	0.00	0.00	0.00	0.00
	22	0.00	0.00	0.00	0.00	0.00	0.00
	23	0.00	0.00	0.00	0.00	0.00	0.00
	24	0.00	0.00	0.00	0.00	0.00	0.00
	25	0.00	0.00	0.00	0.00	0.00	0.00
	26	0.00	0.00	0.00	0.00	0.00	0.00
	27	0.00	0.00	0.00	0.00	0.00	0.00
	28	0.00	0.00	0.00	0.00	0.00	0.00
	29	0.00	0.00	0.00	0.00	0.00	0.00
	30	0.00	0.00	0.00	0.00	0.00	0.00
	31	0.00	0.00	0.00	0.00	0.00	0.00
	32	0.00	0.00	0.00	0.00	0.00	0.00
	33	0.00	0.00	0.00	0.00	0.00	0.00
	34	0.00	0.00	0.00	0.00	0.00	0.00
	35	0.00	0.00	0.00	0.00	0.00	0.00
	36	0.00	0.00	0.00	0.00	0.00	0.00
	37	0.00	0.00	0.00	0.00	0.00	0.00
	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
	45	0.00	0.00	0.00	0.00	0.00	0.00
	46	0.00	0.00	0.00	0.00	0.00	0.00
	47	0.00	0.00	0.00	0.00	0.00	0.00
	48	0.00	0.00	0.00	0.00	0.00	0.00
	49	0.00	0.00	0.00	0.00	0.00	0.00
	50	0.00	0.00	0.00	0.00	0.00	0.00
	51	0.00	0.00	0.00	0.00	0.00	0.00
	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
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	55	0.00	0.00	0.00	0.00	0.00	0.00
	56	0.00	0.00	0.00	0.00	0.00	0.00
	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
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	68	0.00	0.00	0.00	0.00	0.00	0.00

	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
30	1	0.00	0.00	0.00	0.00	0.00	0.00
	2	0.00	0.00	0.00	0.00	0.00	0.00
	3	0.00	0.00	0.00	0.00	0.00	0.00
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	13	0.00	0.00	0.00	0.00	0.00	0.00
	14	0.00	0.00	0.00	0.00	0.00	0.00
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	18	0.00	0.00	0.00	0.00	0.00	0.00
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	21	0.00	0.00	0.00	0.00	0.00	0.00
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	30	0.00	0.00	0.00	0.00	0.00	0.00
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	34	0.00	0.00	0.00	0.00	0.00	0.00
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	37	0.00	0.00	0.00	0.00	0.00	0.00
	38	0.00	0.00	0.00	0.00	0.00	0.00
	39	0.00	0.00	0.00	0.00	0.00	0.00
	40	0.00	0.00	0.00	0.00	0.00	0.00
	41	0.00	0.00	0.00	0.00	0.00	0.00
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	43	0.00	0.00	0.00	0.00	0.00	0.00
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	52	0.00	0.00	0.00	0.00	0.00	0.00
	53	0.00	0.00	0.00	0.00	0.00	0.00
	54	0.00	0.00	0.00	0.00	0.00	0.00
	55	0.00	0.00	0.00	0.00	0.00	0.00
	56	0.00	0.00	0.00	0.00	0.00	0.00
	57	0.00	0.00	0.00	0.00	0.00	0.00
	58	0.00	0.00	0.00	0.00	0.00	0.00
	59	0.00	0.00	0.00	0.00	0.00	0.00
	60	0.00	0.00	0.00	0.00	0.00	0.00
	61	0.00	0.00	0.00	0.00	0.00	0.00
	62	0.00	0.00	0.00	0.00	0.00	0.00
	63	0.00	0.00	0.00	0.00	0.00	0.00
	64	0.00	0.00	0.00	0.00	0.00	0.00
	65	0.00	0.00	0.00	0.00	0.00	0.00
	66	0.00	0.00	0.00	0.00	0.00	0.00
	67	0.00	0.00	0.00	0.00	0.00	0.00
	68	0.00	0.00	0.00	0.00	0.00	0.00
	69	0.00	0.00	0.00	0.00	0.00	0.00
	70	0.00	0.00	0.00	0.00	0.00	0.00
	71	0.00	0.00	0.00	0.00	0.00	0.00
	72	0.00	0.00	0.00	0.00	0.00	0.00
	73	0.00	0.00	0.00	0.00	0.00	0.00
	74	0.00	0.00	0.00	0.00	0.00	0.00
	75	0.00	0.00	0.00	0.00	0.00	0.00
	76	0.00	0.00	0.00	0.00	0.00	0.00
	77	0.00	0.00	0.00	0.00	0.00	0.00
	78	0.00	0.00	0.00	0.00	0.00	0.00
	79	0.00	0.00	0.00	0.00	0.00	0.00
	80	0.00	0.00	0.00	0.00	0.00	0.00
	81	0.00	0.00	0.00	0.00	0.00	0.00
	82	0.00	0.00	0.00	0.00	0.00	0.00
	83	0.00	0.00	0.00	0.00	0.00	0.00
	84	0.00	0.00	0.00	0.00	0.00	0.00
	85	0.00	0.00	0.00	0.00	0.00	0.00
	86	0.00	0.00	0.00	0.00	0.00	0.00
101	1	0.02	0.00	-0.04	-0.00	0.03	0.00
	2	-0.06	-0.00	-0.04	0.00	0.01	0.00
	3	-0.01	0.14	-0.04	-0.04	0.03	0.00
	4	0.01	-0.14	-0.04	0.04	0.03	0.00
	5	0.04	0.00	-0.04	-0.00	0.04	0.00
	6	-0.11	-0.00	-0.04	0.01	-0.00	0.00
	7	-0.01	0.23	-0.04	-0.07	0.02	0.00
	8	0.02	-0.23	-0.04	0.07	0.03	0.00
	9	0.98	0.24	-0.03	0.00	0.26	0.00
	10	0.78	0.24	-0.03	-0.02	0.21	0.00
	11	1.01	-0.32	-0.03	0.14	0.26	0.00
	12	0.81	-0.32	-0.03	0.12	0.21	0.00
	13	0.86	0.38	-0.03	-0.20	0.22	0.00
	14	0.66	0.37	-0.03	-0.22	0.17	0.00
	15	0.89	-0.18	-0.03	-0.06	0.23	0.00
	16	0.69	-0.19	-0.03	-0.08	0.18	0.00
	17	-0.69	0.19	-0.03	0.08	-0.14	0.00
	18	-0.89	0.18	-0.03	0.06	-0.19	0.00
	19	-0.66	-0.37	-0.03	0.22	-0.13	0.00
	20	-0.86	-0.38	-0.03	0.20	-0.18	0.00
	21	-0.81	0.32	-0.03	-0.12	-0.18	0.00
	22	-1.01	0.32	-0.03	-0.14	-0.23	0.00
	23	-0.78	-0.24	-0.03	0.02	-0.17	0.00
	24	-0.98	-0.24	-0.03	-0.00	-0.22	0.00
	25	0.55	0.93	-0.03	-0.19	0.15	0.00
	26	0.51	0.97	-0.03	-0.25	0.14	0.00

	27	0.04	0.91	-0.03	-0.16	0.03	0.00
	28	0.01	0.95	-0.03	-0.23	0.02	0.00
	29	-0.11	0.91	-0.03	-0.25	-0.01	0.00
	30	-0.14	0.95	-0.03	-0.31	-0.02	0.00
	31	-0.61	0.90	-0.03	-0.23	-0.13	0.00
	32	-0.65	0.94	-0.03	-0.29	-0.14	0.00
	33	0.65	-0.94	-0.03	0.29	0.18	0.00
	34	0.61	-0.90	-0.03	0.23	0.17	0.00
	35	0.14	-0.95	-0.03	0.31	0.06	0.00
	36	0.11	-0.91	-0.03	0.25	0.05	0.00
	37	-0.01	-0.95	-0.03	0.23	0.01	0.00
	38	-0.04	-0.91	-0.03	0.16	0.00	0.00
	39	-0.51	-0.97	-0.03	0.25	-0.11	0.00
	40	-0.55	-0.93	-0.03	0.19	-0.12	0.00
	41	0.02	0.00	-0.03	-0.00	0.02	0.00
	42	-0.04	-0.00	-0.03	0.00	0.01	0.00
	43	-0.00	0.09	-0.03	-0.03	0.02	0.00
	44	0.01	-0.09	-0.03	0.03	0.02	0.00
	45	0.03	0.00	-0.03	-0.00	0.03	0.00
	46	-0.07	-0.00	-0.03	0.00	-0.00	0.00
	47	-0.01	0.15	-0.03	-0.04	0.02	0.00
	48	0.01	-0.15	-0.03	0.05	0.02	0.00
	49	0.00	-0.00	-0.03	0.00	0.02	0.00
	50	0.01	0.00	-0.03	-0.00	0.02	0.00
	51	-0.01	-0.00	-0.03	0.00	0.01	0.00
	52	-0.00	0.03	-0.03	-0.01	0.02	0.00
	53	0.00	-0.03	-0.03	0.01	0.02	0.00
	54	0.00	-0.00	-0.03	0.00	0.02	0.00
	55	0.82	0.20	-0.03	0.00	0.21	0.00
	56	0.66	0.20	-0.03	-0.02	0.17	0.00
	57	0.84	-0.26	-0.03	0.12	0.22	0.00
	58	0.68	-0.27	-0.03	0.10	0.18	0.00
	59	0.72	0.31	-0.03	-0.17	0.18	0.00
	60	0.56	0.31	-0.03	-0.18	0.14	0.00
	61	0.74	-0.15	-0.03	-0.05	0.19	0.00
	62	0.58	-0.16	-0.03	-0.06	0.15	0.00
	63	-0.58	0.16	-0.03	0.06	-0.11	0.00
	64	-0.74	0.15	-0.03	0.05	-0.16	0.00
	65	-0.56	-0.31	-0.03	0.18	-0.11	0.00
	66	-0.72	-0.31	-0.03	0.17	-0.15	0.00
	67	-0.68	0.27	-0.03	-0.10	-0.14	0.00
	68	-0.84	0.26	-0.03	-0.12	-0.18	0.00
	69	-0.66	-0.20	-0.03	0.02	-0.14	0.00
	70	-0.82	-0.20	-0.03	-0.00	-0.18	0.00
	71	0.45	0.78	-0.03	-0.15	0.13	0.00
	72	0.42	0.81	-0.03	-0.20	0.12	0.00
	73	0.03	0.76	-0.03	-0.14	0.03	0.00
	74	0.00	0.80	-0.03	-0.19	0.02	0.00
	75	-0.09	0.76	-0.03	-0.21	-0.01	0.00
	76	-0.12	0.80	-0.03	-0.26	-0.02	0.00
	77	-0.51	0.75	-0.03	-0.19	-0.11	0.00
	78	-0.54	0.78	-0.03	-0.24	-0.12	0.00
	79	0.54	-0.78	-0.03	0.24	0.15	0.00
	80	0.51	-0.75	-0.03	0.19	0.14	0.00
	81	0.12	-0.80	-0.03	0.26	0.05	0.00
	82	0.09	-0.76	-0.03	0.21	0.04	0.00
	83	-0.00	-0.80	-0.03	0.19	0.01	0.00
	84	-0.03	-0.76	-0.03	0.14	0.00	0.00
	85	-0.42	-0.81	-0.03	0.20	-0.09	0.00
	86	-0.45	-0.78	-0.03	0.15	-0.09	0.00
102	1	0.02	0.00	-0.09	-0.00	0.01	0.00
	2	-0.06	-0.00	-0.09	0.00	-0.02	0.00
	3	-0.01	0.14	-0.09	-0.04	-0.00	0.00
	4	0.01	-0.14	-0.09	0.04	0.00	0.00
	5	0.04	0.00	-0.08	-0.00	0.01	0.00

	6	-0.11	-0.00	-0.08	0.00	-0.03	0.00
	7	-0.01	0.23	-0.08	-0.06	-0.00	0.00
	8	0.02	-0.23	-0.08	0.07	0.01	0.00
	9	0.98	0.24	-0.06	-0.02	0.24	0.00
	10	0.78	0.24	-0.06	-0.03	0.19	0.00
	11	1.01	-0.32	-0.06	0.12	0.25	0.00
	12	0.81	-0.32	-0.06	0.10	0.20	0.00
	13	0.86	0.38	-0.06	-0.16	0.20	0.00
	14	0.66	0.37	-0.06	-0.17	0.15	0.00
	15	0.89	-0.18	-0.06	-0.02	0.21	0.00
	16	0.69	-0.19	-0.06	-0.03	0.16	0.00
	17	-0.69	0.19	-0.06	0.03	-0.16	0.00
	18	-0.89	0.18	-0.06	0.02	-0.21	0.00
	19	-0.66	-0.37	-0.06	0.17	-0.15	0.00
	20	-0.86	-0.38	-0.06	0.16	-0.20	0.00
	21	-0.81	0.32	-0.06	-0.10	-0.20	0.00
	22	-1.01	0.32	-0.06	-0.12	-0.25	0.00
	23	-0.78	-0.24	-0.06	0.03	-0.19	0.00
	24	-0.98	-0.24	-0.06	0.02	-0.24	0.00
	25	0.55	0.93	-0.06	-0.20	0.14	0.00
	26	0.51	0.97	-0.06	-0.24	0.13	0.00
	27	0.04	0.91	-0.06	-0.19	0.02	0.00
	28	0.01	0.95	-0.06	-0.23	0.01	0.00
	29	-0.11	0.91	-0.06	-0.24	-0.03	0.00
	30	-0.14	0.95	-0.06	-0.28	-0.04	0.00
	31	-0.61	0.90	-0.06	-0.22	-0.15	0.00
	32	-0.65	0.94	-0.06	-0.26	-0.16	0.00
	33	0.65	-0.94	-0.06	0.26	0.16	0.00
	34	0.61	-0.90	-0.06	0.22	0.15	0.00
	35	0.14	-0.95	-0.06	0.28	0.04	0.00
	36	0.11	-0.91	-0.06	0.24	0.03	0.00
	37	-0.01	-0.95	-0.06	0.23	-0.01	0.00
	38	-0.04	-0.91	-0.06	0.19	-0.02	0.00
	39	-0.51	-0.97	-0.06	0.24	-0.13	0.00
	40	-0.55	-0.93	-0.06	0.20	-0.14	0.00
	41	0.02	0.00	-0.07	-0.00	0.00	0.00
	42	-0.04	-0.00	-0.07	0.00	-0.01	0.00
	43	-0.00	0.09	-0.07	-0.03	-0.00	0.00
	44	0.01	-0.09	-0.07	0.03	0.00	0.00
	45	0.03	0.00	-0.06	-0.00	0.01	0.00
	46	-0.07	-0.00	-0.06	0.00	-0.02	0.00
	47	-0.01	0.15	-0.06	-0.04	-0.00	0.00
	48	0.01	-0.15	-0.06	0.04	0.00	0.00
	49	0.00	-0.00	-0.06	0.00	0.00	0.00
	50	0.01	0.00	-0.06	-0.00	0.00	0.00
	51	-0.01	-0.00	-0.06	0.00	-0.00	0.00
	52	-0.00	0.03	-0.06	-0.01	-0.00	0.00
	53	0.00	-0.03	-0.06	0.01	0.00	0.00
	54	0.00	-0.00	-0.06	0.00	0.00	0.00
	55	0.82	0.20	-0.06	-0.02	0.20	0.00
	56	0.66	0.20	-0.06	-0.03	0.15	0.00
	57	0.84	-0.26	-0.06	0.10	0.20	0.00
	58	0.68	-0.27	-0.06	0.09	0.16	0.00
	59	0.72	0.31	-0.06	-0.13	0.17	0.00
	60	0.56	0.31	-0.06	-0.14	0.13	0.00
	61	0.74	-0.15	-0.06	-0.01	0.17	0.00
	62	0.58	-0.16	-0.06	-0.02	0.13	0.00
	63	-0.58	0.16	-0.06	0.02	-0.13	0.00
	64	-0.74	0.15	-0.06	0.01	-0.17	0.00
	65	-0.56	-0.31	-0.06	0.14	-0.13	0.00
	66	-0.72	-0.31	-0.06	0.13	-0.17	0.00
	67	-0.68	0.27	-0.06	-0.09	-0.16	0.00
	68	-0.84	0.26	-0.06	-0.10	-0.20	0.00
	69	-0.66	-0.20	-0.06	0.03	-0.15	0.00
	70	-0.82	-0.20	-0.06	0.02	-0.20	0.00

	71	0.45	0.78	-0.06	-0.17	0.11	0.00
	72	0.42	0.81	-0.06	-0.20	0.10	0.00
	73	0.03	0.76	-0.06	-0.15	0.01	0.00
	74	0.00	0.80	-0.06	-0.19	0.01	0.00
	75	-0.09	0.76	-0.06	-0.20	-0.03	0.00
	76	-0.12	0.80	-0.06	-0.23	-0.04	0.00
	77	-0.51	0.75	-0.06	-0.19	-0.12	0.00
	78	-0.54	0.78	-0.06	-0.22	-0.13	0.00
	79	0.54	-0.78	-0.06	0.22	0.13	0.00
	80	0.51	-0.75	-0.06	0.19	0.12	0.00
	81	0.12	-0.80	-0.06	0.23	0.04	0.00
	82	0.09	-0.76	-0.06	0.20	0.03	0.00
	83	-0.00	-0.80	-0.06	0.19	-0.01	0.00
	84	-0.03	-0.76	-0.06	0.15	-0.01	0.00
	85	-0.42	-0.81	-0.06	0.20	-0.10	0.00
	86	-0.45	-0.78	-0.06	0.17	-0.11	0.00
103	1	0.02	0.00	-0.09	-0.00	0.01	0.00
	2	-0.06	-0.00	-0.09	0.00	-0.02	0.00
	3	-0.01	0.14	-0.09	-0.04	-0.00	0.00
	4	0.01	-0.14	-0.09	0.04	0.00	0.00
	5	0.04	0.00	-0.08	-0.00	0.01	0.00
	6	-0.11	-0.00	-0.08	0.00	-0.03	0.00
	7	-0.01	0.23	-0.08	-0.06	-0.00	0.00
	8	0.02	-0.23	-0.08	0.06	0.01	0.00
	9	0.98	0.24	-0.05	-0.05	0.24	0.00
	10	0.78	0.24	-0.05	-0.05	0.19	0.00
	11	1.01	-0.32	-0.05	0.09	0.25	0.00
	12	0.81	-0.32	-0.05	0.09	0.20	0.00
	13	0.86	0.38	-0.05	-0.11	0.20	0.00
	14	0.66	0.37	-0.05	-0.11	0.15	0.00
	15	0.89	-0.18	-0.05	0.02	0.21	0.00
	16	0.69	-0.19	-0.05	0.02	0.16	0.00
	17	-0.69	0.19	-0.05	-0.02	-0.16	0.00
	18	-0.89	0.18	-0.05	-0.02	-0.21	0.00
	19	-0.66	-0.37	-0.05	0.11	-0.15	0.00
	20	-0.86	-0.38	-0.05	0.11	-0.20	0.00
	21	-0.81	0.32	-0.05	-0.09	-0.20	0.00
	22	-1.01	0.32	-0.05	-0.09	-0.25	0.00
	23	-0.78	-0.24	-0.05	0.05	-0.19	0.00
	24	-0.98	-0.24	-0.05	0.05	-0.24	0.00
	25	0.55	0.93	-0.05	-0.22	0.14	0.00
	26	0.51	0.97	-0.05	-0.24	0.13	0.00
	27	0.04	0.91	-0.05	-0.21	0.02	0.00
	28	0.01	0.95	-0.05	-0.23	0.01	0.00
	29	-0.11	0.91	-0.05	-0.23	-0.03	0.00
	30	-0.14	0.95	-0.05	-0.25	-0.04	0.00
	31	-0.61	0.90	-0.05	-0.22	-0.15	0.00
	32	-0.65	0.94	-0.05	-0.24	-0.16	0.00
	33	0.65	-0.94	-0.05	0.24	0.16	0.00
	34	0.61	-0.90	-0.05	0.22	0.15	0.00
	35	0.14	-0.95	-0.05	0.25	0.04	0.00
	36	0.11	-0.91	-0.05	0.23	0.03	0.00
	37	-0.01	-0.95	-0.05	0.23	-0.01	0.00
	38	-0.04	-0.91	-0.05	0.21	-0.02	0.00
	39	-0.51	-0.97	-0.05	0.24	-0.13	0.00
	40	-0.55	-0.93	-0.05	0.22	-0.14	0.00
	41	0.02	0.00	-0.06	-0.00	0.00	0.00
	42	-0.04	-0.00	-0.06	0.00	-0.01	0.00
	43	-0.00	0.09	-0.06	-0.03	-0.00	0.00
	44	0.01	-0.09	-0.06	0.03	0.00	0.00
	45	0.03	0.00	-0.06	-0.00	0.01	0.00
	46	-0.07	-0.00	-0.06	0.00	-0.02	0.00
	47	-0.01	0.15	-0.06	-0.04	-0.00	0.00
	48	0.01	-0.15	-0.06	0.04	0.00	0.00
	49	0.00	-0.00	-0.06	0.00	0.00	0.00

	50	0.01	0.00	-0.05	-0.00	0.00	0.00
	51	-0.01	-0.00	-0.05	0.00	-0.00	0.00
	52	-0.00	0.03	-0.05	-0.01	-0.00	0.00
	53	0.00	-0.03	-0.05	0.01	0.00	0.00
	54	0.00	-0.00	-0.05	0.00	0.00	0.00
	55	0.82	0.20	-0.05	-0.04	0.20	0.00
	56	0.66	0.20	-0.05	-0.04	0.15	0.00
	57	0.84	-0.26	-0.05	0.07	0.20	0.00
	58	0.68	-0.27	-0.05	0.07	0.16	0.00
	59	0.72	0.31	-0.05	-0.09	0.17	0.00
	60	0.56	0.31	-0.05	-0.09	0.13	0.00
	61	0.74	-0.15	-0.05	0.02	0.17	0.00
	62	0.58	-0.16	-0.05	0.02	0.13	0.00
	63	-0.58	0.16	-0.05	-0.02	-0.13	0.00
	64	-0.74	0.15	-0.05	-0.02	-0.17	0.00
	65	-0.56	-0.31	-0.05	0.09	-0.13	0.00
	66	-0.72	-0.31	-0.05	0.09	-0.17	0.00
	67	-0.68	0.27	-0.05	-0.07	-0.16	0.00
	68	-0.84	0.26	-0.05	-0.07	-0.20	0.00
	69	-0.66	-0.20	-0.05	0.04	-0.15	0.00
	70	-0.82	-0.20	-0.05	0.04	-0.20	0.00
	71	0.45	0.78	-0.05	-0.18	0.11	0.00
	72	0.42	0.81	-0.05	-0.20	0.10	0.00
	73	0.03	0.76	-0.05	-0.17	0.01	0.00
	74	0.00	0.80	-0.05	-0.19	0.01	0.00
	75	-0.09	0.76	-0.05	-0.19	-0.03	0.00
	76	-0.12	0.80	-0.05	-0.20	-0.04	0.00
	77	-0.51	0.75	-0.05	-0.18	-0.12	0.00
	78	-0.54	0.78	-0.05	-0.20	-0.13	0.00
	79	0.54	-0.78	-0.05	0.20	0.13	0.00
	80	0.51	-0.75	-0.05	0.18	0.12	0.00
	81	0.12	-0.80	-0.05	0.20	0.04	0.00
	82	0.09	-0.76	-0.05	0.19	0.03	0.00
	83	-0.00	-0.80	-0.05	0.19	-0.01	0.00
	84	-0.03	-0.76	-0.05	0.17	-0.01	0.00
	85	-0.42	-0.81	-0.05	0.20	-0.10	0.00
	86	-0.45	-0.78	-0.05	0.18	-0.11	0.00
104	1	0.02	0.00	-0.09	0.00	0.01	0.00
	2	-0.06	-0.00	-0.09	-0.00	-0.02	0.00
	3	-0.01	0.14	-0.09	-0.04	-0.00	0.00
	4	0.01	-0.14	-0.09	0.04	0.00	0.00
	5	0.04	0.00	-0.08	0.00	0.01	0.00
	6	-0.11	-0.00	-0.08	-0.00	-0.03	0.00
	7	-0.01	0.23	-0.08	-0.06	-0.00	0.00
	8	0.02	-0.23	-0.08	0.06	0.01	0.00
	9	0.98	0.24	-0.06	-0.08	0.24	0.00
	10	0.78	0.24	-0.06	-0.08	0.19	0.00
	11	1.01	-0.32	-0.06	0.05	0.25	0.00
	12	0.81	-0.32	-0.06	0.06	0.20	0.00
	13	0.86	0.38	-0.06	-0.05	0.20	0.00
	14	0.66	0.37	-0.06	-0.04	0.15	0.00
	15	0.89	-0.18	-0.06	0.08	0.21	0.00
	16	0.69	-0.19	-0.06	0.09	0.16	0.00
	17	-0.69	0.19	-0.06	-0.09	-0.16	0.00
	18	-0.89	0.18	-0.06	-0.08	-0.21	0.00
	19	-0.66	-0.37	-0.06	0.04	-0.15	0.00
	20	-0.86	-0.38	-0.06	0.05	-0.20	0.00
	21	-0.81	0.32	-0.06	-0.06	-0.20	0.00
	22	-1.01	0.32	-0.06	-0.05	-0.25	0.00
	23	-0.78	-0.24	-0.06	0.08	-0.19	0.00
	24	-0.98	-0.24	-0.06	0.08	-0.24	0.00
	25	0.55	0.93	-0.06	-0.24	0.14	0.00
	26	0.51	0.97	-0.06	-0.23	0.13	0.00
	27	0.04	0.91	-0.06	-0.24	0.02	0.00
	28	0.01	0.95	-0.06	-0.23	0.01	0.00

	29	-0.11	0.91	-0.06	-0.22	-0.03	0.00
	30	-0.14	0.95	-0.06	-0.21	-0.04	0.00
	31	-0.61	0.90	-0.06	-0.22	-0.15	0.00
	32	-0.65	0.94	-0.06	-0.21	-0.16	0.00
	33	0.65	-0.94	-0.06	0.21	0.16	0.00
	34	0.61	-0.90	-0.06	0.22	0.15	0.00
	35	0.14	-0.95	-0.06	0.21	0.04	0.00
	36	0.11	-0.91	-0.06	0.22	0.03	0.00
	37	-0.01	-0.95	-0.06	0.23	-0.01	0.00
	38	-0.04	-0.91	-0.06	0.24	-0.02	0.00
	39	-0.51	-0.97	-0.06	0.23	-0.13	0.00
	40	-0.55	-0.93	-0.06	0.24	-0.14	0.00
	41	0.02	0.00	-0.06	0.00	0.00	0.00
	42	-0.04	-0.00	-0.06	-0.00	-0.01	0.00
	43	-0.00	0.09	-0.06	-0.02	-0.00	0.00
	44	0.01	-0.09	-0.06	0.02	0.00	0.00
	45	0.03	0.00	-0.06	0.00	0.01	0.00
	46	-0.07	-0.00	-0.06	-0.00	-0.02	0.00
	47	-0.01	0.15	-0.06	-0.04	-0.00	0.00
	48	0.01	-0.15	-0.06	0.04	0.00	0.00
	49	0.00	-0.00	-0.06	-0.00	-0.00	0.00
	50	0.01	0.00	-0.06	0.00	0.00	0.00
	51	-0.01	-0.00	-0.06	-0.00	-0.00	0.00
	52	-0.00	0.03	-0.06	-0.01	-0.00	0.00
	53	0.00	-0.03	-0.06	0.01	0.00	0.00
	54	0.00	-0.00	-0.06	-0.00	-0.00	0.00
	55	0.82	0.20	-0.06	-0.07	0.20	0.00
	56	0.66	0.20	-0.06	-0.06	0.15	0.00
	57	0.84	-0.26	-0.06	0.04	0.20	0.00
	58	0.68	-0.27	-0.06	0.05	0.16	0.00
	59	0.72	0.31	-0.06	-0.04	0.17	0.00
	60	0.56	0.31	-0.06	-0.04	0.13	0.00
	61	0.74	-0.15	-0.06	0.07	0.17	0.00
	62	0.58	-0.16	-0.06	0.07	0.13	0.00
	63	-0.58	0.16	-0.06	-0.07	-0.13	0.00
	64	-0.74	0.15	-0.06	-0.07	-0.17	0.00
	65	-0.56	-0.31	-0.06	0.04	-0.13	0.00
	66	-0.72	-0.31	-0.06	0.04	-0.17	0.00
	67	-0.68	0.27	-0.06	-0.05	-0.16	0.00
	68	-0.84	0.26	-0.06	-0.04	-0.20	0.00
	69	-0.66	-0.20	-0.06	0.06	-0.15	0.00
	70	-0.82	-0.20	-0.06	0.07	-0.20	0.00
	71	0.45	0.78	-0.06	-0.20	0.11	0.00
	72	0.42	0.81	-0.06	-0.19	0.10	0.00
	73	0.03	0.76	-0.06	-0.20	0.01	0.00
	74	0.00	0.80	-0.06	-0.19	0.01	0.00
	75	-0.09	0.76	-0.06	-0.18	-0.03	0.00
	76	-0.12	0.80	-0.06	-0.17	-0.04	0.00
	77	-0.51	0.75	-0.06	-0.18	-0.12	0.00
	78	-0.54	0.78	-0.06	-0.17	-0.13	0.00
	79	0.54	-0.78	-0.06	0.17	0.13	0.00
	80	0.51	-0.75	-0.06	0.18	0.12	0.00
	81	0.12	-0.80	-0.06	0.17	0.04	0.00
	82	0.09	-0.76	-0.06	0.18	0.03	0.00
	83	-0.00	-0.80	-0.06	0.19	-0.01	0.00
	84	-0.03	-0.76	-0.06	0.20	-0.01	0.00
	85	-0.42	-0.81	-0.06	0.19	-0.10	0.00
	86	-0.45	-0.78	-0.06	0.20	-0.11	0.00
105	1	0.02	0.00	-0.09	0.00	0.01	0.00
	2	-0.06	-0.00	-0.09	-0.00	-0.02	0.00
	3	-0.01	0.14	-0.09	-0.04	-0.00	0.00
	4	0.01	-0.14	-0.09	0.04	0.00	0.00
	5	0.04	0.00	-0.08	0.00	0.01	0.00
	6	-0.11	-0.00	-0.08	-0.00	-0.03	0.00
	7	-0.01	0.23	-0.08	-0.06	-0.00	0.00

	8	0.02	-0.23	-0.08	0.06	0.01	0.00
	9	0.98	0.24	-0.06	-0.11	0.24	0.00
	10	0.78	0.24	-0.06	-0.09	0.19	0.00
	11	1.01	-0.32	-0.06	0.03	0.25	0.00
	12	0.81	-0.32	-0.06	0.04	0.20	0.00
	13	0.86	0.38	-0.06	-0.01	0.20	0.00
	14	0.66	0.37	-0.06	0.00	0.15	0.00
	15	0.89	-0.18	-0.06	0.12	0.21	0.00
	16	0.69	-0.19	-0.06	0.13	0.16	0.00
	17	-0.69	0.19	-0.06	-0.13	-0.16	0.00
	18	-0.89	0.18	-0.06	-0.12	-0.21	0.00
	19	-0.66	-0.37	-0.06	-0.00	-0.15	0.00
	20	-0.86	-0.38	-0.06	0.01	-0.20	0.00
	21	-0.81	0.32	-0.06	-0.04	-0.20	0.00
	22	-1.01	0.32	-0.06	-0.03	-0.25	0.00
	23	-0.78	-0.24	-0.06	0.09	-0.19	0.00
	24	-0.98	-0.24	-0.06	0.11	-0.24	0.00
	25	0.55	0.93	-0.06	-0.25	0.14	0.00
	26	0.51	0.97	-0.06	-0.23	0.13	0.00
	27	0.04	0.91	-0.06	-0.26	0.02	0.00
	28	0.01	0.95	-0.06	-0.24	0.01	0.00
	29	-0.11	0.91	-0.06	-0.21	-0.03	0.00
	30	-0.14	0.95	-0.06	-0.18	-0.04	0.00
	31	-0.61	0.90	-0.06	-0.22	-0.15	0.00
	32	-0.65	0.94	-0.06	-0.19	-0.16	0.00
	33	0.65	-0.94	-0.06	0.19	0.16	0.00
	34	0.61	-0.90	-0.06	0.22	0.15	0.00
	35	0.14	-0.95	-0.06	0.18	0.04	0.00
	36	0.11	-0.91	-0.06	0.21	0.03	0.00
	37	-0.01	-0.95	-0.06	0.24	-0.01	0.00
	38	-0.04	-0.91	-0.06	0.26	-0.02	0.00
	39	-0.51	-0.97	-0.06	0.23	-0.13	0.00
	40	-0.55	-0.93	-0.06	0.25	-0.14	0.00
	41	0.02	0.00	-0.06	0.00	0.00	0.00
	42	-0.04	-0.00	-0.06	-0.00	-0.01	0.00
	43	-0.00	0.09	-0.06	-0.02	-0.00	0.00
	44	0.01	-0.09	-0.06	0.02	0.00	0.00
	45	0.03	0.00	-0.06	0.00	0.01	0.00
	46	-0.07	-0.00	-0.06	-0.00	-0.02	0.00
	47	-0.01	0.15	-0.06	-0.04	-0.00	0.00
	48	0.01	-0.15	-0.06	0.04	0.00	0.00
	49	0.00	-0.00	-0.06	-0.00	0.00	0.00
	50	0.01	0.00	-0.06	0.00	0.00	0.00
	51	-0.01	-0.00	-0.05	-0.00	-0.00	0.00
	52	-0.00	0.03	-0.06	-0.01	-0.00	0.00
	53	0.00	-0.03	-0.06	0.01	0.00	0.00
	54	0.00	-0.00	-0.06	-0.00	0.00	0.00
	55	0.82	0.20	-0.06	-0.09	0.20	0.00
	56	0.66	0.20	-0.06	-0.08	0.15	0.00
	57	0.84	-0.26	-0.06	0.02	0.20	0.00
	58	0.68	-0.27	-0.06	0.03	0.16	0.00
	59	0.72	0.31	-0.06	-0.01	0.17	0.00
	60	0.56	0.31	-0.06	0.00	0.13	0.00
	61	0.74	-0.15	-0.06	0.10	0.17	0.00
	62	0.58	-0.16	-0.06	0.11	0.13	0.00
	63	-0.58	0.16	-0.06	-0.11	-0.13	0.00
	64	-0.74	0.15	-0.06	-0.10	-0.17	0.00
	65	-0.56	-0.31	-0.06	-0.00	-0.13	0.00
	66	-0.72	-0.31	-0.06	0.01	-0.17	0.00
	67	-0.68	0.27	-0.06	-0.03	-0.16	0.00
	68	-0.84	0.26	-0.06	-0.02	-0.20	0.00
	69	-0.66	-0.20	-0.06	0.08	-0.15	0.00
	70	-0.82	-0.20	-0.06	0.09	-0.20	0.00
	71	0.45	0.78	-0.06	-0.21	0.11	0.00
	72	0.42	0.81	-0.06	-0.19	0.10	0.00

	73	0.03	0.76	-0.06	-0.22	0.01	0.00
	74	0.00	0.80	-0.06	-0.19	0.01	0.00
	75	-0.09	0.76	-0.06	-0.17	-0.03	0.00
	76	-0.12	0.80	-0.06	-0.15	-0.04	0.00
	77	-0.51	0.75	-0.06	-0.18	-0.12	0.00
	78	-0.54	0.78	-0.06	-0.16	-0.13	0.00
	79	0.54	-0.78	-0.06	0.16	0.13	0.00
	80	0.51	-0.75	-0.06	0.18	0.12	0.00
	81	0.12	-0.80	-0.06	0.15	0.04	0.00
	82	0.09	-0.76	-0.06	0.17	0.03	0.00
	83	-0.00	-0.80	-0.06	0.19	-0.01	0.00
	84	-0.03	-0.76	-0.06	0.22	-0.01	0.00
	85	-0.42	-0.81	-0.06	0.19	-0.10	0.00
	86	-0.45	-0.78	-0.06	0.21	-0.11	0.00
106	1	0.02	0.00	-0.05	0.00	-0.02	0.00
	2	-0.06	-0.00	-0.05	-0.00	-0.05	0.00
	3	-0.01	0.14	-0.05	-0.04	-0.03	0.00
	4	0.01	-0.14	-0.05	0.03	-0.02	0.00
	5	0.04	0.00	-0.04	0.00	-0.02	0.00
	6	-0.11	-0.00	-0.04	-0.00	-0.06	0.00
	7	-0.01	0.23	-0.04	-0.06	-0.03	0.00
	8	0.02	-0.23	-0.04	0.06	-0.02	0.00
	9	0.98	0.24	-0.03	-0.13	0.22	0.00
	10	0.78	0.24	-0.03	-0.11	0.17	0.00
	11	1.01	-0.32	-0.03	0.00	0.23	0.00
	12	0.81	-0.32	-0.03	0.02	0.18	0.00
	13	0.86	0.38	-0.03	0.03	0.18	0.00
	14	0.66	0.37	-0.03	0.05	0.13	0.00
	15	0.89	-0.18	-0.03	0.16	0.19	0.00
	16	0.69	-0.19	-0.03	0.18	0.14	0.00
	17	-0.69	0.19	-0.03	-0.18	-0.18	0.00
	18	-0.89	0.18	-0.03	-0.16	-0.23	0.00
	19	-0.66	-0.37	-0.03	-0.05	-0.17	0.00
	20	-0.86	-0.38	-0.03	-0.03	-0.22	0.00
	21	-0.81	0.32	-0.03	-0.02	-0.21	0.00
	22	-1.01	0.32	-0.03	-0.00	-0.26	0.00
	23	-0.78	-0.24	-0.03	0.11	-0.21	0.00
	24	-0.98	-0.24	-0.03	0.13	-0.26	0.00
	25	0.55	0.93	-0.03	-0.27	0.12	0.00
	26	0.51	0.97	-0.03	-0.23	0.11	0.00
	27	0.04	0.91	-0.03	-0.29	-0.00	0.00
	28	0.01	0.95	-0.03	-0.24	-0.01	0.00
	29	-0.11	0.91	-0.03	-0.21	-0.05	0.00
	30	-0.14	0.95	-0.03	-0.16	-0.06	0.00
	31	-0.61	0.90	-0.03	-0.22	-0.17	0.00
	32	-0.65	0.94	-0.03	-0.17	-0.18	0.00
	33	0.65	-0.94	-0.03	0.17	0.14	0.00
	34	0.61	-0.90	-0.03	0.22	0.13	0.00
	35	0.14	-0.95	-0.03	0.16	0.02	0.00
	36	0.11	-0.91	-0.03	0.21	0.01	0.00
	37	-0.01	-0.95	-0.03	0.24	-0.02	0.00
	38	-0.04	-0.91	-0.03	0.29	-0.03	0.00
	39	-0.51	-0.97	-0.03	0.23	-0.14	0.00
	40	-0.55	-0.93	-0.03	0.27	-0.15	0.00
	41	0.02	0.00	-0.03	0.00	-0.02	0.00
	42	-0.04	-0.00	-0.03	-0.00	-0.03	0.00
	43	-0.00	0.09	-0.03	-0.02	-0.02	0.00
	44	0.01	-0.09	-0.03	0.02	-0.02	0.00
	45	0.03	0.00	-0.03	0.00	-0.01	0.00
	46	-0.07	-0.00	-0.03	-0.00	-0.04	0.00
	47	-0.01	0.15	-0.03	-0.04	-0.02	0.00
	48	0.01	-0.15	-0.03	0.04	-0.02	0.00
	49	0.00	-0.00	-0.03	-0.00	-0.02	0.00
	50	0.01	0.00	-0.03	0.00	-0.02	0.00
	51	-0.01	-0.00	-0.03	-0.00	-0.02	0.00

	52	-0.00	0.03	-0.03	-0.01	-0.02	0.00
	53	0.00	-0.03	-0.03	0.01	-0.02	0.00
	54	0.00	-0.00	-0.03	-0.00	-0.02	0.00
	55	0.82	0.20	-0.03	-0.11	0.18	0.00
	56	0.66	0.20	-0.03	-0.09	0.14	0.00
	57	0.84	-0.26	-0.03	0.00	0.18	0.00
	58	0.68	-0.27	-0.03	0.02	0.14	0.00
	59	0.72	0.31	-0.03	0.02	0.15	0.00
	60	0.56	0.31	-0.03	0.04	0.11	0.00
	61	0.74	-0.15	-0.03	0.13	0.16	0.00
	62	0.58	-0.16	-0.03	0.15	0.11	0.00
	63	-0.58	0.16	-0.03	-0.15	-0.15	0.00
	64	-0.74	0.15	-0.03	-0.13	-0.19	0.00
	65	-0.56	-0.31	-0.03	-0.04	-0.14	0.00
	66	-0.72	-0.31	-0.03	-0.02	-0.18	0.00
	67	-0.68	0.27	-0.03	-0.02	-0.18	0.00
	68	-0.84	0.26	-0.03	-0.00	-0.22	0.00
	69	-0.66	-0.20	-0.03	0.09	-0.17	0.00
	70	-0.82	-0.20	-0.03	0.11	-0.21	0.00
	71	0.45	0.78	-0.03	-0.23	0.09	0.00
	72	0.42	0.81	-0.03	-0.19	0.09	0.00
	73	0.03	0.76	-0.03	-0.24	-0.00	0.00
	74	0.00	0.80	-0.03	-0.20	-0.01	0.00
	75	-0.09	0.76	-0.03	-0.17	-0.04	0.00
	76	-0.12	0.80	-0.03	-0.13	-0.05	0.00
	77	-0.51	0.75	-0.03	-0.18	-0.14	0.00
	78	-0.54	0.78	-0.03	-0.14	-0.15	0.00
	79	0.54	-0.78	-0.03	0.14	0.12	0.00
	80	0.51	-0.75	-0.03	0.18	0.11	0.00
	81	0.12	-0.80	-0.03	0.13	0.02	0.00
	82	0.09	-0.76	-0.03	0.17	0.01	0.00
	83	-0.00	-0.80	-0.03	0.20	-0.02	0.00
	84	-0.03	-0.76	-0.03	0.24	-0.03	0.00
	85	-0.42	-0.81	-0.03	0.19	-0.12	0.00
	86	-0.45	-0.78	-0.03	0.23	-0.13	0.00
107	1	0.02	0.00	-0.03	0.00	0.00	0.00
	2	-0.06	-0.00	-0.03	0.00	0.00	0.00
	3	-0.01	0.14	-0.03	0.00	0.00	0.00
	4	0.01	-0.14	-0.03	0.00	0.00	0.00
	5	0.04	0.00	-0.03	0.00	0.00	0.00
	6	-0.11	-0.00	-0.03	0.00	0.00	0.00
	7	-0.01	0.23	-0.03	0.00	0.00	0.00
	8	0.02	-0.23	-0.03	0.00	0.00	0.00
	9	0.98	0.24	-0.02	0.00	0.00	0.00
	10	0.78	0.24	-0.02	0.00	0.00	0.00
	11	1.01	-0.32	-0.02	0.00	0.00	0.00
	12	0.81	-0.32	-0.02	0.00	0.00	0.00
	13	0.86	0.38	-0.02	0.00	0.00	0.00
	14	0.66	0.37	-0.02	0.00	0.00	0.00
	15	0.89	-0.18	-0.02	0.00	0.00	0.00
	16	0.69	-0.19	-0.02	0.00	0.00	0.00
	17	-0.69	0.19	-0.02	0.00	0.00	0.00
	18	-0.89	0.18	-0.02	0.00	0.00	0.00
	19	-0.66	-0.37	-0.02	0.00	0.00	0.00
	20	-0.86	-0.38	-0.02	0.00	0.00	0.00
	21	-0.81	0.32	-0.02	0.00	0.00	0.00
	22	-1.01	0.32	-0.02	0.00	0.00	0.00
	23	-0.78	-0.24	-0.02	0.00	0.00	0.00
	24	-0.98	-0.24	-0.02	0.00	0.00	0.00
	25	0.55	0.93	-0.02	0.00	0.00	0.00
	26	0.51	0.97	-0.02	0.00	0.00	0.00
	27	0.04	0.91	-0.02	0.00	0.00	0.00
	28	0.01	0.95	-0.02	0.00	0.00	0.00
	29	-0.11	0.91	-0.02	0.00	0.00	0.00
	30	-0.14	0.95	-0.02	0.00	0.00	0.00

	31	-0.61	0.90	-0.02	0.00	0.00	0.00
	32	-0.65	0.94	-0.02	0.00	0.00	0.00
	33	0.65	-0.94	-0.02	0.00	0.00	0.00
	34	0.61	-0.90	-0.02	0.00	0.00	0.00
	35	0.14	-0.95	-0.02	0.00	0.00	0.00
	36	0.11	-0.91	-0.02	0.00	0.00	0.00
	37	-0.01	-0.95	-0.02	0.00	0.00	0.00
	38	-0.04	-0.91	-0.02	0.00	0.00	0.00
	39	-0.51	-0.97	-0.02	0.00	0.00	0.00
	40	-0.55	-0.93	-0.02	0.00	0.00	0.00
	41	0.02	0.00	-0.02	0.00	0.00	0.00
	42	-0.04	-0.00	-0.02	0.00	0.00	0.00
	43	-0.00	0.09	-0.02	0.00	0.00	0.00
	44	0.01	-0.09	-0.02	0.00	0.00	0.00
	45	0.03	0.00	-0.02	0.00	0.00	0.00
	46	-0.07	-0.00	-0.02	0.00	0.00	0.00
	47	-0.01	0.15	-0.02	0.00	0.00	0.00
	48	0.01	-0.15	-0.02	0.00	0.00	0.00
	49	0.00	-0.00	-0.02	0.00	0.00	0.00
	50	0.01	0.00	-0.02	0.00	0.00	0.00
	51	-0.01	-0.00	-0.02	0.00	0.00	0.00
	52	-0.00	0.03	-0.02	0.00	0.00	0.00
	53	0.00	-0.03	-0.02	0.00	0.00	0.00
	54	0.00	-0.00	-0.02	0.00	0.00	0.00
	55	0.82	0.20	-0.02	0.00	0.00	0.00
	56	0.66	0.20	-0.02	0.00	0.00	0.00
	57	0.84	-0.26	-0.02	0.00	0.00	0.00
	58	0.68	-0.27	-0.02	0.00	0.00	0.00
	59	0.72	0.31	-0.02	0.00	0.00	0.00
	60	0.56	0.31	-0.02	0.00	0.00	0.00
	61	0.74	-0.15	-0.02	0.00	0.00	0.00
	62	0.58	-0.16	-0.02	0.00	0.00	0.00
	63	-0.58	0.16	-0.02	0.00	0.00	0.00
	64	-0.74	0.15	-0.02	0.00	0.00	0.00
	65	-0.56	-0.31	-0.02	0.00	0.00	0.00
	66	-0.72	-0.31	-0.02	0.00	0.00	0.00
	67	-0.68	0.27	-0.02	0.00	0.00	0.00
	68	-0.84	0.26	-0.02	0.00	0.00	0.00
	69	-0.66	-0.20	-0.02	0.00	0.00	0.00
	70	-0.82	-0.20	-0.02	0.00	0.00	0.00
	71	0.45	0.78	-0.02	0.00	0.00	0.00
	72	0.42	0.81	-0.02	0.00	0.00	0.00
	73	0.03	0.76	-0.02	0.00	0.00	0.00
	74	0.00	0.80	-0.02	0.00	0.00	0.00
	75	-0.09	0.76	-0.02	0.00	0.00	0.00
	76	-0.12	0.80	-0.02	0.00	0.00	0.00
	77	-0.51	0.75	-0.02	0.00	0.00	0.00
	78	-0.54	0.78	-0.02	0.00	0.00	0.00
	79	0.54	-0.78	-0.02	0.00	0.00	0.00
	80	0.51	-0.75	-0.02	0.00	0.00	0.00
	81	0.12	-0.80	-0.02	0.00	0.00	0.00
	82	0.09	-0.76	-0.02	0.00	0.00	0.00
	83	-0.00	-0.80	-0.02	0.00	0.00	0.00
	84	-0.03	-0.76	-0.02	0.00	0.00	0.00
	85	-0.42	-0.81	-0.02	0.00	0.00	0.00
	86	-0.45	-0.78	-0.02	0.00	0.00	0.00
108	1	0.02	0.00	-0.05	0.00	0.00	0.00
	2	-0.06	-0.00	-0.05	0.00	0.00	0.00
	3	-0.01	0.14	-0.05	0.00	0.00	0.00
	4	0.01	-0.14	-0.05	0.00	0.00	0.00
	5	0.04	0.00	-0.05	0.00	0.00	0.00
	6	-0.11	-0.00	-0.05	0.00	0.00	0.00
	7	-0.01	0.23	-0.05	0.00	0.00	0.00
	8	0.02	-0.23	-0.05	0.00	0.00	0.00
	9	0.98	0.24	-0.03	0.00	0.00	0.00

	10	0.78	0.24	-0.03	0.00	0.00	0.00
	11	1.01	-0.32	-0.03	0.00	0.00	0.00
	12	0.81	-0.32	-0.03	0.00	0.00	0.00
	13	0.86	0.38	-0.03	0.00	0.00	0.00
	14	0.66	0.37	-0.03	0.00	0.00	0.00
	15	0.89	-0.18	-0.03	0.00	0.00	0.00
	16	0.69	-0.19	-0.03	0.00	0.00	0.00
	17	-0.69	0.19	-0.03	0.00	0.00	0.00
	18	-0.89	0.18	-0.03	0.00	0.00	0.00
	19	-0.66	-0.37	-0.03	0.00	0.00	0.00
	20	-0.86	-0.38	-0.03	0.00	0.00	0.00
	21	-0.81	0.32	-0.03	0.00	0.00	0.00
	22	-1.01	0.32	-0.03	0.00	0.00	0.00
	23	-0.78	-0.24	-0.03	0.00	0.00	0.00
	24	-0.98	-0.24	-0.03	0.00	0.00	0.00
	25	0.55	0.93	-0.03	0.00	0.00	0.00
	26	0.51	0.97	-0.03	0.00	0.00	0.00
	27	0.04	0.91	-0.03	0.00	0.00	0.00
	28	0.01	0.95	-0.03	0.00	0.00	0.00
	29	-0.11	0.91	-0.03	0.00	0.00	0.00
	30	-0.14	0.95	-0.03	0.00	0.00	0.00
	31	-0.61	0.90	-0.03	0.00	0.00	0.00
	32	-0.65	0.94	-0.03	0.00	0.00	0.00
	33	0.65	-0.94	-0.03	0.00	0.00	0.00
	34	0.61	-0.90	-0.03	0.00	0.00	0.00
	35	0.14	-0.95	-0.03	0.00	0.00	0.00
	36	0.11	-0.91	-0.03	0.00	0.00	0.00
	37	-0.01	-0.95	-0.03	0.00	0.00	0.00
	38	-0.04	-0.91	-0.03	0.00	0.00	0.00
	39	-0.51	-0.97	-0.03	0.00	0.00	0.00
	40	-0.55	-0.93	-0.03	0.00	0.00	0.00
	41	0.02	0.00	-0.04	0.00	0.00	0.00
	42	-0.04	-0.00	-0.04	0.00	0.00	0.00
	43	-0.00	0.09	-0.04	0.00	0.00	0.00
	44	0.01	-0.09	-0.04	0.00	0.00	0.00
	45	0.03	0.00	-0.04	0.00	0.00	0.00
	46	-0.07	-0.00	-0.04	0.00	0.00	0.00
	47	-0.01	0.15	-0.04	0.00	0.00	0.00
	48	0.01	-0.15	-0.04	0.00	0.00	0.00
	49	0.00	-0.00	-0.03	0.00	0.00	0.00
	50	0.01	0.00	-0.03	0.00	0.00	0.00
	51	-0.01	-0.00	-0.03	0.00	0.00	0.00
	52	-0.00	0.03	-0.03	0.00	0.00	0.00
	53	0.00	-0.03	-0.03	0.00	0.00	0.00
	54	0.00	-0.00	-0.03	0.00	0.00	0.00
	55	0.82	0.20	-0.03	0.00	0.00	0.00
	56	0.66	0.20	-0.03	0.00	0.00	0.00
	57	0.84	-0.26	-0.03	0.00	0.00	0.00
	58	0.68	-0.27	-0.03	0.00	0.00	0.00
	59	0.72	0.31	-0.03	0.00	0.00	0.00
	60	0.56	0.31	-0.03	0.00	0.00	0.00
	61	0.74	-0.15	-0.03	0.00	0.00	0.00
	62	0.58	-0.16	-0.03	0.00	0.00	0.00
	63	-0.58	0.16	-0.03	0.00	0.00	0.00
	64	-0.74	0.15	-0.03	0.00	0.00	0.00
	65	-0.56	-0.31	-0.03	0.00	0.00	0.00
	66	-0.72	-0.31	-0.03	0.00	0.00	0.00
	67	-0.68	0.27	-0.03	0.00	0.00	0.00
	68	-0.84	0.26	-0.03	0.00	0.00	0.00
	69	-0.66	-0.20	-0.03	0.00	0.00	0.00
	70	-0.82	-0.20	-0.03	0.00	0.00	0.00
	71	0.45	0.78	-0.03	0.00	0.00	0.00
	72	0.42	0.81	-0.03	0.00	0.00	0.00
	73	0.03	0.76	-0.03	0.00	0.00	0.00
	74	0.00	0.80	-0.03	0.00	0.00	0.00

	75	-0.09	0.76	-0.03	0.00	0.00	0.00
	76	-0.12	0.80	-0.03	0.00	0.00	0.00
	77	-0.51	0.75	-0.03	0.00	0.00	0.00
	78	-0.54	0.78	-0.03	0.00	0.00	0.00
	79	0.54	-0.78	-0.03	0.00	0.00	0.00
	80	0.51	-0.75	-0.03	0.00	0.00	0.00
	81	0.12	-0.80	-0.03	0.00	0.00	0.00
	82	0.09	-0.76	-0.03	0.00	0.00	0.00
	83	-0.00	-0.80	-0.03	0.00	0.00	0.00
	84	-0.03	-0.76	-0.03	0.00	0.00	0.00
	85	-0.42	-0.81	-0.03	0.00	0.00	0.00
	86	-0.45	-0.78	-0.03	0.00	0.00	0.00
109	1	0.02	0.00	-0.05	0.00	0.00	0.00
	2	-0.06	-0.00	-0.05	0.00	0.00	0.00
	3	-0.01	0.14	-0.05	0.00	0.00	0.00
	4	0.01	-0.14	-0.05	0.00	0.00	0.00
	5	0.04	0.00	-0.05	0.00	0.00	0.00
	6	-0.11	-0.00	-0.05	0.00	0.00	0.00
	7	-0.01	0.23	-0.05	0.00	0.00	0.00
	8	0.02	-0.23	-0.05	0.00	0.00	0.00
	9	0.98	0.24	-0.03	0.00	0.00	0.00
	10	0.78	0.24	-0.03	0.00	0.00	0.00
	11	1.01	-0.32	-0.03	0.00	0.00	0.00
	12	0.81	-0.32	-0.03	0.00	0.00	0.00
	13	0.86	0.38	-0.03	0.00	0.00	0.00
	14	0.66	0.37	-0.03	0.00	0.00	0.00
	15	0.89	-0.18	-0.03	0.00	0.00	0.00
	16	0.69	-0.19	-0.03	0.00	0.00	0.00
	17	-0.69	0.19	-0.03	0.00	0.00	0.00
	18	-0.89	0.18	-0.03	0.00	0.00	0.00
	19	-0.66	-0.37	-0.03	0.00	0.00	0.00
	20	-0.86	-0.38	-0.03	0.00	0.00	0.00
	21	-0.81	0.32	-0.03	0.00	0.00	0.00
	22	-1.01	0.32	-0.03	0.00	0.00	0.00
	23	-0.78	-0.24	-0.03	0.00	0.00	0.00
	24	-0.98	-0.24	-0.03	0.00	0.00	0.00
	25	0.55	0.93	-0.03	0.00	0.00	0.00
	26	0.51	0.97	-0.03	0.00	0.00	0.00
	27	0.04	0.91	-0.03	0.00	0.00	0.00
	28	0.01	0.95	-0.03	0.00	0.00	0.00
	29	-0.11	0.91	-0.03	0.00	0.00	0.00
	30	-0.14	0.95	-0.03	0.00	0.00	0.00
	31	-0.61	0.90	-0.03	0.00	0.00	0.00
	32	-0.65	0.94	-0.03	0.00	0.00	0.00
	33	0.65	-0.94	-0.03	0.00	0.00	0.00
	34	0.61	-0.90	-0.03	0.00	0.00	0.00
	35	0.14	-0.95	-0.03	0.00	0.00	0.00
	36	0.11	-0.91	-0.03	0.00	0.00	0.00
	37	-0.01	-0.95	-0.03	0.00	0.00	0.00
	38	-0.04	-0.91	-0.03	0.00	0.00	0.00
	39	-0.51	-0.97	-0.03	0.00	0.00	0.00
	40	-0.55	-0.93	-0.03	0.00	0.00	0.00
	41	0.02	0.00	-0.04	0.00	0.00	0.00
	42	-0.04	-0.00	-0.04	0.00	0.00	0.00
	43	-0.00	0.09	-0.04	0.00	0.00	0.00
	44	0.01	-0.09	-0.04	0.00	0.00	0.00
	45	0.03	0.00	-0.04	0.00	0.00	0.00
	46	-0.07	-0.00	-0.04	0.00	0.00	0.00
	47	-0.01	0.15	-0.04	0.00	0.00	0.00
	48	0.01	-0.15	-0.04	0.00	0.00	0.00
	49	0.00	-0.00	-0.03	0.00	0.00	0.00
	50	0.01	0.00	-0.03	0.00	0.00	0.00
	51	-0.01	-0.00	-0.03	0.00	0.00	0.00
	52	-0.00	0.03	-0.03	0.00	0.00	0.00
	53	0.00	-0.03	-0.03	0.00	0.00	0.00

	54	0.00	-0.00	-0.03	0.00	0.00	0.00
	55	0.82	0.20	-0.03	0.00	0.00	0.00
	56	0.66	0.20	-0.03	0.00	0.00	0.00
	57	0.84	-0.26	-0.03	0.00	0.00	0.00
	58	0.68	-0.27	-0.03	0.00	0.00	0.00
	59	0.72	0.31	-0.03	0.00	0.00	0.00
	60	0.56	0.31	-0.03	0.00	0.00	0.00
	61	0.74	-0.15	-0.03	0.00	0.00	0.00
	62	0.58	-0.16	-0.03	0.00	0.00	0.00
	63	-0.58	0.16	-0.03	0.00	0.00	0.00
	64	-0.74	0.15	-0.03	0.00	0.00	0.00
	65	-0.56	-0.31	-0.03	0.00	0.00	0.00
	66	-0.72	-0.31	-0.03	0.00	0.00	0.00
	67	-0.68	0.27	-0.03	0.00	0.00	0.00
	68	-0.84	0.26	-0.03	0.00	0.00	0.00
	69	-0.66	-0.20	-0.03	0.00	0.00	0.00
	70	-0.82	-0.20	-0.03	0.00	0.00	0.00
	71	0.45	0.78	-0.03	0.00	0.00	0.00
	72	0.42	0.81	-0.03	0.00	0.00	0.00
	73	0.03	0.76	-0.03	0.00	0.00	0.00
	74	0.00	0.80	-0.03	0.00	0.00	0.00
	75	-0.09	0.76	-0.03	0.00	0.00	0.00
	76	-0.12	0.80	-0.03	0.00	0.00	0.00
	77	-0.51	0.75	-0.03	0.00	0.00	0.00
	78	-0.54	0.78	-0.03	0.00	0.00	0.00
	79	0.54	-0.78	-0.03	0.00	0.00	0.00
	80	0.51	-0.75	-0.03	0.00	0.00	0.00
	81	0.12	-0.80	-0.03	0.00	0.00	0.00
	82	0.09	-0.76	-0.03	0.00	0.00	0.00
	83	-0.00	-0.80	-0.03	0.00	0.00	0.00
	84	-0.03	-0.76	-0.03	0.00	0.00	0.00
	85	-0.42	-0.81	-0.03	0.00	0.00	0.00
	86	-0.45	-0.78	-0.03	0.00	0.00	0.00
110	1	0.02	0.00	-0.05	0.00	0.00	0.00
	2	-0.06	-0.00	-0.05	0.00	0.00	0.00
	3	-0.01	0.14	-0.05	0.00	0.00	0.00
	4	0.01	-0.14	-0.05	0.00	0.00	0.00
	5	0.04	0.00	-0.05	0.00	0.00	0.00
	6	-0.11	-0.00	-0.05	0.00	0.00	0.00
	7	-0.01	0.23	-0.05	0.00	0.00	0.00
	8	0.02	-0.23	-0.05	0.00	0.00	0.00
	9	0.98	0.24	-0.03	0.00	0.00	0.00
	10	0.78	0.24	-0.03	0.00	0.00	0.00
	11	1.01	-0.32	-0.03	0.00	0.00	0.00
	12	0.81	-0.32	-0.03	0.00	0.00	0.00
	13	0.86	0.38	-0.03	0.00	0.00	0.00
	14	0.66	0.37	-0.03	0.00	0.00	0.00
	15	0.89	-0.18	-0.03	0.00	0.00	0.00
	16	0.69	-0.19	-0.03	0.00	0.00	0.00
	17	-0.69	0.19	-0.03	0.00	0.00	0.00
	18	-0.89	0.18	-0.03	0.00	0.00	0.00
	19	-0.66	-0.37	-0.03	0.00	0.00	0.00
	20	-0.86	-0.38	-0.03	0.00	0.00	0.00
	21	-0.81	0.32	-0.03	0.00	0.00	0.00
	22	-1.01	0.32	-0.03	0.00	0.00	0.00
	23	-0.78	-0.24	-0.03	0.00	0.00	0.00
	24	-0.98	-0.24	-0.03	0.00	0.00	0.00
	25	0.55	0.93	-0.03	0.00	0.00	0.00
	26	0.51	0.97	-0.03	0.00	0.00	0.00
	27	0.04	0.91	-0.03	0.00	0.00	0.00
	28	0.01	0.95	-0.03	0.00	0.00	0.00
	29	-0.11	0.91	-0.03	0.00	0.00	0.00
	30	-0.14	0.95	-0.03	0.00	0.00	0.00
	31	-0.61	0.90	-0.03	0.00	0.00	0.00
	32	-0.65	0.94	-0.03	0.00	0.00	0.00

	33	0.65	-0.94	-0.03	0.00	0.00	0.00
	34	0.61	-0.90	-0.03	0.00	0.00	0.00
	35	0.14	-0.95	-0.03	0.00	0.00	0.00
	36	0.11	-0.91	-0.03	0.00	0.00	0.00
	37	-0.01	-0.95	-0.03	0.00	0.00	0.00
	38	-0.04	-0.91	-0.03	0.00	0.00	0.00
	39	-0.51	-0.97	-0.03	0.00	0.00	0.00
	40	-0.55	-0.93	-0.03	0.00	0.00	0.00
	41	0.02	0.00	-0.04	0.00	0.00	0.00
	42	-0.04	-0.00	-0.04	0.00	0.00	0.00
	43	-0.00	0.09	-0.04	0.00	0.00	0.00
	44	0.01	-0.09	-0.04	0.00	0.00	0.00
	45	0.03	0.00	-0.04	0.00	0.00	0.00
	46	-0.07	-0.00	-0.04	0.00	0.00	0.00
	47	-0.01	0.15	-0.04	0.00	0.00	0.00
	48	0.01	-0.15	-0.04	0.00	0.00	0.00
	49	0.00	-0.00	-0.03	0.00	0.00	0.00
	50	0.01	0.00	-0.03	0.00	0.00	0.00
	51	-0.01	-0.00	-0.03	0.00	0.00	0.00
	52	-0.00	0.03	-0.03	0.00	0.00	0.00
	53	0.00	-0.03	-0.03	0.00	0.00	0.00
	54	0.00	-0.00	-0.03	0.00	0.00	0.00
	55	0.82	0.20	-0.03	0.00	0.00	0.00
	56	0.66	0.20	-0.03	0.00	0.00	0.00
	57	0.84	-0.26	-0.03	0.00	0.00	0.00
	58	0.68	-0.27	-0.03	0.00	0.00	0.00
	59	0.72	0.31	-0.03	0.00	0.00	0.00
	60	0.56	0.31	-0.03	0.00	0.00	0.00
	61	0.74	-0.15	-0.03	0.00	0.00	0.00
	62	0.58	-0.16	-0.03	0.00	0.00	0.00
	63	-0.58	0.16	-0.03	0.00	0.00	0.00
	64	-0.74	0.15	-0.03	0.00	0.00	0.00
	65	-0.56	-0.31	-0.03	0.00	0.00	0.00
	66	-0.72	-0.31	-0.03	0.00	0.00	0.00
	67	-0.68	0.27	-0.03	0.00	0.00	0.00
	68	-0.84	0.26	-0.03	0.00	0.00	0.00
	69	-0.66	-0.20	-0.03	0.00	0.00	0.00
	70	-0.82	-0.20	-0.03	0.00	0.00	0.00
	71	0.45	0.78	-0.03	0.00	0.00	0.00
	72	0.42	0.81	-0.03	0.00	0.00	0.00
	73	0.03	0.76	-0.03	0.00	0.00	0.00
	74	0.00	0.80	-0.03	0.00	0.00	0.00
	75	-0.09	0.76	-0.03	0.00	0.00	0.00
	76	-0.12	0.80	-0.03	0.00	0.00	0.00
	77	-0.51	0.75	-0.03	0.00	0.00	0.00
	78	-0.54	0.78	-0.03	0.00	0.00	0.00
	79	0.54	-0.78	-0.03	0.00	0.00	0.00
	80	0.51	-0.75	-0.03	0.00	0.00	0.00
	81	0.12	-0.80	-0.03	0.00	0.00	0.00
	82	0.09	-0.76	-0.03	0.00	0.00	0.00
	83	-0.00	-0.80	-0.03	0.00	0.00	0.00
	84	-0.03	-0.76	-0.03	0.00	0.00	0.00
	85	-0.42	-0.81	-0.03	0.00	0.00	0.00
	86	-0.45	-0.78	-0.03	0.00	0.00	0.00
111	1	0.02	0.00	-0.05	0.00	0.00	0.00
	2	-0.06	-0.00	-0.05	0.00	0.00	0.00
	3	-0.01	0.14	-0.05	0.00	0.00	0.00
	4	0.01	-0.14	-0.05	0.00	0.00	0.00
	5	0.04	0.00	-0.05	0.00	0.00	0.00
	6	-0.11	-0.00	-0.05	0.00	0.00	0.00
	7	-0.01	0.23	-0.05	0.00	0.00	0.00
	8	0.02	-0.23	-0.05	0.00	0.00	0.00
	9	0.98	0.24	-0.03	0.00	0.00	0.00
	10	0.78	0.24	-0.03	0.00	0.00	0.00
	11	1.01	-0.32	-0.03	0.00	0.00	0.00

	12	0.81	-0.32	-0.03	0.00	0.00	0.00
	13	0.86	0.38	-0.03	0.00	0.00	0.00
	14	0.66	0.37	-0.03	0.00	0.00	0.00
	15	0.89	-0.18	-0.03	0.00	0.00	0.00
	16	0.69	-0.19	-0.03	0.00	0.00	0.00
	17	-0.69	0.19	-0.03	0.00	0.00	0.00
	18	-0.89	0.18	-0.03	0.00	0.00	0.00
	19	-0.66	-0.37	-0.03	0.00	0.00	0.00
	20	-0.86	-0.38	-0.03	0.00	0.00	0.00
	21	-0.81	0.32	-0.03	0.00	0.00	0.00
	22	-1.01	0.32	-0.03	0.00	0.00	0.00
	23	-0.78	-0.24	-0.03	0.00	0.00	0.00
	24	-0.98	-0.24	-0.03	0.00	0.00	0.00
	25	0.55	0.93	-0.03	0.00	0.00	0.00
	26	0.51	0.97	-0.03	0.00	0.00	0.00
	27	0.04	0.91	-0.03	0.00	0.00	0.00
	28	0.01	0.95	-0.03	0.00	0.00	0.00
	29	-0.11	0.91	-0.03	0.00	0.00	0.00
	30	-0.14	0.95	-0.03	0.00	0.00	0.00
	31	-0.61	0.90	-0.03	0.00	0.00	0.00
	32	-0.65	0.94	-0.03	0.00	0.00	0.00
	33	0.65	-0.94	-0.03	0.00	0.00	0.00
	34	0.61	-0.90	-0.03	0.00	0.00	0.00
	35	0.14	-0.95	-0.03	0.00	0.00	0.00
	36	0.11	-0.91	-0.03	0.00	0.00	0.00
	37	-0.01	-0.95	-0.03	0.00	0.00	0.00
	38	-0.04	-0.91	-0.03	0.00	0.00	0.00
	39	-0.51	-0.97	-0.03	0.00	0.00	0.00
	40	-0.55	-0.93	-0.03	0.00	0.00	0.00
	41	0.02	0.00	-0.04	0.00	0.00	0.00
	42	-0.04	-0.00	-0.04	0.00	0.00	0.00
	43	-0.00	0.09	-0.04	0.00	0.00	0.00
	44	0.01	-0.09	-0.04	0.00	0.00	0.00
	45	0.03	0.00	-0.04	0.00	0.00	0.00
	46	-0.07	-0.00	-0.04	0.00	0.00	0.00
	47	-0.01	0.15	-0.04	0.00	0.00	0.00
	48	0.01	-0.15	-0.04	0.00	0.00	0.00
	49	0.00	-0.00	-0.03	0.00	0.00	0.00
	50	0.01	0.00	-0.03	0.00	0.00	0.00
	51	-0.01	-0.00	-0.03	0.00	0.00	0.00
	52	-0.00	0.03	-0.03	0.00	0.00	0.00
	53	0.00	-0.03	-0.03	0.00	0.00	0.00
	54	0.00	-0.00	-0.03	0.00	0.00	0.00
	55	0.82	0.20	-0.03	0.00	0.00	0.00
	56	0.66	0.20	-0.03	0.00	0.00	0.00
	57	0.84	-0.26	-0.03	0.00	0.00	0.00
	58	0.68	-0.27	-0.03	0.00	0.00	0.00
	59	0.72	0.31	-0.03	0.00	0.00	0.00
	60	0.56	0.31	-0.03	0.00	0.00	0.00
	61	0.74	-0.15	-0.03	0.00	0.00	0.00
	62	0.58	-0.16	-0.03	0.00	0.00	0.00
	63	-0.58	0.16	-0.03	0.00	0.00	0.00
	64	-0.74	0.15	-0.03	0.00	0.00	0.00
	65	-0.56	-0.31	-0.03	0.00	0.00	0.00
	66	-0.72	-0.31	-0.03	0.00	0.00	0.00
	67	-0.68	0.27	-0.03	0.00	0.00	0.00
	68	-0.84	0.26	-0.03	0.00	0.00	0.00
	69	-0.66	-0.20	-0.03	0.00	0.00	0.00
	70	-0.82	-0.20	-0.03	0.00	0.00	0.00
	71	0.45	0.78	-0.03	0.00	0.00	0.00
	72	0.42	0.81	-0.03	0.00	0.00	0.00
	73	0.03	0.76	-0.03	0.00	0.00	0.00
	74	0.00	0.80	-0.03	0.00	0.00	0.00
	75	-0.09	0.75	-0.03	0.00	0.00	0.00
	76	-0.12	0.80	-0.03	0.00	0.00	0.00

	77	-0.51	0.75	-0.03	0.00	0.00	0.00
	78	-0.54	0.78	-0.03	0.00	0.00	0.00
	79	0.54	-0.78	-0.03	0.00	0.00	0.00
	80	0.51	-0.75	-0.03	0.00	0.00	0.00
	81	0.12	-0.80	-0.03	0.00	0.00	0.00
	82	0.09	-0.76	-0.03	0.00	0.00	0.00
	83	-0.00	-0.80	-0.03	0.00	0.00	0.00
	84	-0.03	-0.76	-0.03	0.00	0.00	0.00
	85	-0.42	-0.81	-0.03	0.00	0.00	0.00
	86	-0.45	-0.78	-0.03	0.00	0.00	0.00
112	1	0.02	0.00	-0.03	0.00	0.00	0.00
	2	-0.06	-0.00	-0.03	0.00	0.00	0.00
	3	-0.01	0.14	-0.03	0.00	0.00	0.00
	4	0.01	-0.14	-0.03	0.00	0.00	0.00
	5	0.04	0.00	-0.03	0.00	0.00	0.00
	6	-0.11	-0.00	-0.03	0.00	0.00	0.00
	7	-0.01	0.23	-0.03	0.00	0.00	0.00
	8	0.02	-0.23	-0.03	0.00	0.00	0.00
	9	0.98	0.24	-0.02	0.00	0.00	0.00
	10	0.78	0.24	-0.02	0.00	0.00	0.00
	11	1.01	-0.32	-0.02	0.00	0.00	0.00
	12	0.81	-0.32	-0.02	0.00	0.00	0.00
	13	0.86	0.38	-0.02	0.00	0.00	0.00
	14	0.66	0.37	-0.02	0.00	0.00	0.00
	15	0.89	-0.18	-0.02	0.00	0.00	0.00
	16	0.69	-0.19	-0.02	0.00	0.00	0.00
	17	-0.69	0.19	-0.02	0.00	0.00	0.00
	18	-0.89	0.18	-0.02	0.00	0.00	0.00
	19	-0.66	-0.37	-0.02	0.00	0.00	0.00
	20	-0.86	-0.38	-0.02	0.00	0.00	0.00
	21	-0.81	0.32	-0.02	0.00	0.00	0.00
	22	-1.01	0.32	-0.02	0.00	0.00	0.00
	23	-0.78	-0.24	-0.02	0.00	0.00	0.00
	24	-0.98	-0.24	-0.02	0.00	0.00	0.00
	25	0.55	0.93	-0.02	0.00	0.00	0.00
	26	0.51	0.97	-0.02	0.00	0.00	0.00
	27	0.04	0.91	-0.02	0.00	0.00	0.00
	28	0.01	0.95	-0.02	0.00	0.00	0.00
	29	-0.11	0.91	-0.02	0.00	0.00	0.00
	30	-0.14	0.95	-0.02	0.00	0.00	0.00
	31	-0.61	0.90	-0.02	0.00	0.00	0.00
	32	-0.65	0.94	-0.02	0.00	0.00	0.00
	33	0.65	-0.94	-0.02	0.00	0.00	0.00
	34	0.61	-0.90	-0.02	0.00	0.00	0.00
	35	0.14	-0.95	-0.02	0.00	0.00	0.00
	36	0.11	-0.91	-0.02	0.00	0.00	0.00
	37	-0.01	-0.95	-0.02	0.00	0.00	0.00
	38	-0.04	-0.91	-0.02	0.00	0.00	0.00
	39	-0.51	-0.97	-0.02	0.00	0.00	0.00
	40	-0.55	-0.93	-0.02	0.00	0.00	0.00
	41	0.02	0.00	-0.02	0.00	0.00	0.00
	42	-0.04	-0.00	-0.02	0.00	0.00	0.00
	43	-0.00	0.09	-0.02	0.00	0.00	0.00
	44	0.01	-0.09	-0.02	0.00	0.00	0.00
	45	0.03	0.00	-0.02	0.00	0.00	0.00
	46	-0.07	-0.00	-0.02	0.00	0.00	0.00
	47	-0.01	0.15	-0.02	0.00	0.00	0.00
	48	0.01	-0.15	-0.02	0.00	0.00	0.00
	49	0.00	-0.00	-0.02	0.00	0.00	0.00
	50	0.01	0.00	-0.02	0.00	0.00	0.00
	51	-0.01	-0.00	-0.02	0.00	0.00	0.00
	52	-0.00	0.03	-0.02	0.00	0.00	0.00
	53	0.00	-0.03	-0.02	0.00	0.00	0.00
	54	0.00	-0.00	-0.02	0.00	0.00	0.00
	55	0.82	0.20	-0.02	0.00	0.00	0.00

	56	0.66	0.20	-0.02	0.00	0.00	0.00
	57	0.84	-0.26	-0.02	0.00	0.00	0.00
	58	0.68	-0.27	-0.02	0.00	0.00	0.00
	59	0.72	0.31	-0.02	0.00	0.00	0.00
	60	0.56	0.31	-0.02	0.00	0.00	0.00
	61	0.74	-0.15	-0.02	0.00	0.00	0.00
	62	0.58	-0.16	-0.02	0.00	0.00	0.00
	63	-0.58	0.16	-0.02	0.00	0.00	0.00
	64	-0.74	0.15	-0.02	0.00	0.00	0.00
	65	-0.56	-0.31	-0.02	0.00	0.00	0.00
	66	-0.72	-0.31	-0.02	0.00	0.00	0.00
	67	-0.68	0.27	-0.02	0.00	0.00	0.00
	68	-0.84	0.26	-0.02	0.00	0.00	0.00
	69	-0.66	-0.20	-0.02	0.00	0.00	0.00
	70	-0.82	-0.20	-0.02	0.00	0.00	0.00
	71	0.45	0.78	-0.02	0.00	0.00	0.00
	72	0.42	0.81	-0.02	0.00	0.00	0.00
	73	0.03	0.76	-0.02	0.00	0.00	0.00
	74	0.00	0.80	-0.02	0.00	0.00	0.00
	75	-0.09	0.76	-0.02	0.00	0.00	0.00
	76	-0.12	0.80	-0.02	0.00	0.00	0.00
	77	-0.51	0.75	-0.02	0.00	0.00	0.00
	78	-0.54	0.78	-0.02	0.00	0.00	0.00
	79	0.54	-0.78	-0.02	0.00	0.00	0.00
	80	0.51	-0.75	-0.02	0.00	0.00	0.00
	81	0.12	-0.80	-0.02	0.00	0.00	0.00
	82	0.09	-0.76	-0.02	0.00	0.00	0.00
	83	-0.00	-0.80	-0.02	0.00	0.00	0.00
	84	-0.03	-0.76	-0.02	0.00	0.00	0.00
	85	-0.42	-0.81	-0.02	0.00	0.00	0.00
	86	-0.45	-0.78	-0.02	0.00	0.00	0.00
113	1	0.02	0.00	-0.10	-0.00	0.08	0.00
	2	-0.06	-0.00	-0.08	0.00	0.06	0.00
	3	-0.01	0.14	-0.09	-0.04	0.07	0.00
	4	0.01	-0.14	-0.10	0.04	0.08	0.00
	5	0.04	0.00	-0.10	-0.00	0.08	0.00
	6	-0.11	-0.00	-0.07	0.01	0.04	0.00
	7	-0.01	0.23	-0.09	-0.07	0.07	0.00
	8	0.02	-0.23	-0.09	0.07	0.08	0.00
	9	0.98	0.24	-0.23	-0.00	0.29	0.00
	10	0.78	0.24	-0.20	-0.02	0.24	0.00
	11	1.01	-0.32	-0.24	0.14	0.29	0.00
	12	0.81	-0.32	-0.20	0.12	0.24	0.00
	13	0.86	0.38	-0.21	-0.20	0.25	0.00
	14	0.66	0.37	-0.17	-0.21	0.20	0.00
	15	0.89	-0.18	-0.21	-0.05	0.26	0.00
	16	0.69	-0.19	-0.18	-0.07	0.21	0.00
	17	-0.69	0.19	0.06	0.07	-0.11	0.00
	18	-0.89	0.18	0.09	0.05	-0.16	0.00
	19	-0.66	-0.37	0.05	0.21	-0.10	0.00
	20	-0.86	-0.38	0.09	0.20	-0.15	0.00
	21	-0.81	0.32	0.08	-0.12	-0.15	0.00
	22	-1.01	0.32	0.12	-0.14	-0.20	0.00
	23	-0.78	-0.24	0.08	0.02	-0.14	0.00
	24	-0.98	-0.24	0.11	0.00	-0.19	0.00
	25	0.55	0.93	-0.16	-0.19	0.18	0.00
	26	0.51	0.97	-0.15	-0.25	0.17	0.00
	27	0.04	0.91	-0.07	-0.17	0.06	0.00
	28	0.01	0.95	-0.07	-0.23	0.05	0.00
	29	-0.11	0.91	-0.04	-0.25	0.02	0.00
	30	-0.14	0.95	-0.03	-0.31	0.00	0.00
	31	-0.61	0.90	0.05	-0.23	-0.10	0.00
	32	-0.65	0.94	0.06	-0.29	-0.11	0.00
	33	0.65	-0.94	-0.18	0.29	0.21	0.00
	34	0.61	-0.90	-0.17	0.23	0.20	0.00

	35	0.14	-0.95	-0.09	0.31	0.09	0.00
	36	0.11	-0.91	-0.08	0.25	0.08	0.00
	37	-0.01	-0.95	-0.06	0.23	0.04	0.00
	38	-0.04	-0.91	-0.05	0.17	0.03	0.00
	39	-0.51	-0.97	0.03	0.25	-0.08	0.00
	40	-0.55	-0.93	0.04	0.19	-0.09	0.00
	41	0.02	0.00	-0.07	-0.00	0.06	0.00
	42	-0.04	-0.00	-0.06	0.00	0.04	0.00
	43	-0.00	0.09	-0.07	-0.03	0.05	0.00
	44	0.01	-0.09	-0.07	0.03	0.06	0.00
	45	0.03	0.00	-0.07	-0.00	0.06	0.00
	46	-0.07	-0.00	-0.05	0.00	0.03	0.00
	47	-0.01	0.15	-0.06	-0.04	0.05	0.00
	48	0.01	-0.15	-0.07	0.05	0.05	0.00
	49	0.00	-0.00	-0.06	0.00	0.05	0.00
	50	0.01	0.00	-0.06	-0.00	0.05	0.00
	51	-0.01	-0.00	-0.06	0.00	0.04	0.00
	52	-0.00	0.03	-0.06	-0.01	0.05	0.00
	53	0.00	-0.03	-0.06	0.01	0.05	0.00
	54	0.00	-0.00	-0.06	0.00	0.05	0.00
	55	0.82	0.20	-0.20	-0.00	0.24	0.00
	56	0.66	0.20	-0.17	-0.02	0.20	0.00
	57	0.84	-0.26	-0.21	0.12	0.25	0.00
	58	0.68	-0.27	-0.18	0.10	0.21	0.00
	59	0.72	0.31	-0.18	-0.16	0.21	0.00
	60	0.56	0.31	-0.15	-0.18	0.17	0.00
	61	0.74	-0.15	-0.19	-0.04	0.22	0.00
	62	0.58	-0.16	-0.16	-0.06	0.18	0.00
	63	-0.58	0.16	0.04	0.06	-0.08	0.00
	64	-0.74	0.15	0.07	0.04	-0.13	0.00
	65	-0.56	-0.31	0.03	0.18	-0.08	0.00
	66	-0.72	-0.31	0.06	0.16	-0.12	0.00
	67	-0.68	0.27	0.06	-0.10	-0.11	0.00
	68	-0.84	0.26	0.09	-0.12	-0.15	0.00
	69	-0.66	-0.20	0.05	0.02	-0.11	0.00
	70	-0.82	-0.20	0.08	0.00	-0.15	0.00
	71	0.45	0.78	-0.14	-0.16	0.16	0.00
	72	0.42	0.81	-0.14	-0.20	0.15	0.00
	73	0.03	0.76	-0.07	-0.14	0.06	0.00
	74	0.00	0.80	-0.06	-0.19	0.05	0.00
	75	-0.09	0.76	-0.04	-0.21	0.02	0.00
	76	-0.12	0.80	-0.03	-0.26	0.01	0.00
	77	-0.51	0.75	0.03	-0.19	-0.08	0.00
	78	-0.54	0.78	0.04	-0.24	-0.09	0.00
	79	0.54	-0.78	-0.16	0.24	0.18	0.00
	80	0.51	-0.75	-0.15	0.19	0.17	0.00
	81	0.12	-0.80	-0.09	0.26	0.08	0.00
	82	0.09	-0.76	-0.08	0.21	0.07	0.00
	83	-0.00	-0.80	-0.06	0.19	0.04	0.00
	84	-0.03	-0.76	-0.05	0.14	0.03	0.00
	85	-0.42	-0.81	0.02	0.20	-0.06	0.00
	86	-0.45	-0.78	0.02	0.16	-0.06	0.00
114	1	0.02	0.00	-0.12	-0.00	-0.04	0.00
	2	-0.06	-0.00	-0.14	0.00	-0.06	0.00
	3	-0.01	0.14	-0.12	-0.04	-0.05	0.00
	4	0.01	-0.14	-0.12	0.04	-0.04	0.00
	5	0.04	0.00	-0.11	-0.00	-0.03	0.00
	6	-0.11	-0.00	-0.14	0.00	-0.07	0.00
	7	-0.01	0.23	-0.12	-0.06	-0.05	0.00
	8	0.02	-0.23	-0.11	0.07	-0.04	0.00
	9	0.98	0.24	0.10	-0.02	0.21	0.00
	10	0.78	0.24	0.06	-0.03	0.16	0.00
	11	1.01	-0.32	0.10	0.12	0.22	0.00
	12	0.81	-0.32	0.07	0.11	0.17	0.00
	13	0.86	0.38	0.07	-0.16	0.17	0.00

	14	0.66	0.37	0.03	-0.17	0.12	0.00
	15	0.89	-0.18	0.08	-0.02	0.18	0.00
	16	0.69	-0.19	0.04	-0.03	0.13	0.00
	17	-0.69	0.19	-0.19	0.03	-0.19	0.00
	18	-0.89	0.18	-0.23	0.02	-0.24	0.00
	19	-0.66	-0.37	-0.19	0.17	-0.18	0.00
	20	-0.86	-0.38	-0.23	0.16	-0.23	0.00
	21	-0.81	0.32	-0.22	-0.11	-0.23	0.00
	22	-1.01	0.32	-0.26	-0.12	-0.28	0.00
	23	-0.78	-0.24	-0.22	0.03	-0.22	0.00
	24	-0.98	-0.24	-0.25	0.02	-0.27	0.00
	25	0.55	0.93	0.02	-0.20	0.11	0.00
	26	0.51	0.97	0.01	-0.24	0.10	0.00
	27	0.04	0.91	-0.07	-0.18	-0.01	0.00
	28	0.01	0.95	-0.07	-0.23	-0.02	0.00
	29	-0.11	0.91	-0.10	-0.24	-0.06	0.00
	30	-0.14	0.95	-0.11	-0.28	-0.07	0.00
	31	-0.61	0.90	-0.19	-0.23	-0.18	0.00
	32	-0.65	0.94	-0.20	-0.27	-0.19	0.00
	33	0.65	-0.94	0.04	0.27	0.13	0.00
	34	0.61	-0.90	0.03	0.23	0.12	0.00
	35	0.14	-0.95	-0.05	0.28	0.01	0.00
	36	0.11	-0.91	-0.05	0.24	0.00	0.00
	37	-0.01	-0.95	-0.08	0.23	-0.04	0.00
	38	-0.04	-0.91	-0.09	0.18	-0.05	0.00
	39	-0.51	-0.97	-0.17	0.24	-0.16	0.00
	40	-0.55	-0.93	-0.18	0.20	-0.17	0.00
	41	0.02	0.00	-0.09	-0.00	-0.03	0.00
	42	-0.04	-0.00	-0.10	0.00	-0.05	0.00
	43	-0.00	0.09	-0.09	-0.03	-0.03	0.00
	44	0.01	-0.09	-0.09	0.03	-0.03	0.00
	45	0.03	0.00	-0.08	-0.00	-0.02	0.00
	46	-0.07	-0.00	-0.10	0.00	-0.05	0.00
	47	-0.01	0.15	-0.09	-0.04	-0.03	0.00
	48	0.01	-0.15	-0.08	0.04	-0.03	0.00
	49	0.00	-0.00	-0.08	0.00	-0.03	0.00
	50	0.01	0.00	-0.08	-0.00	-0.03	0.00
	51	-0.01	-0.00	-0.08	0.00	-0.03	0.00
	52	-0.00	0.03	-0.08	-0.01	-0.03	0.00
	53	0.00	-0.03	-0.08	0.01	-0.03	0.00
	54	0.00	-0.00	-0.08	0.00	-0.03	0.00
	55	0.82	0.20	0.07	-0.02	0.17	0.00
	56	0.66	0.20	0.04	-0.03	0.12	0.00
	57	0.84	-0.26	0.07	0.10	0.17	0.00
	58	0.68	-0.27	0.04	0.09	0.13	0.00
	59	0.72	0.31	0.04	-0.13	0.14	0.00
	60	0.56	0.31	0.01	-0.14	0.10	0.00
	61	0.74	-0.15	0.05	-0.02	0.14	0.00
	62	0.58	-0.16	0.02	-0.03	0.10	0.00
	63	-0.58	0.16	-0.17	0.03	-0.16	0.00
	64	-0.74	0.15	-0.20	0.02	-0.20	0.00
	65	-0.56	-0.31	-0.17	0.14	-0.16	0.00
	66	-0.72	-0.31	-0.20	0.13	-0.20	0.00
	67	-0.68	0.27	-0.20	-0.09	-0.19	0.00
	68	-0.84	0.26	-0.23	-0.10	-0.23	0.00
	69	-0.66	-0.20	-0.19	0.03	-0.18	0.00
	70	-0.82	-0.20	-0.22	0.02	-0.23	0.00
	71	0.45	0.78	0.00	-0.16	0.08	0.00
	72	0.42	0.81	-0.00	-0.20	0.07	0.00
	73	0.03	0.76	-0.07	-0.15	-0.02	0.00
	74	0.00	0.80	-0.07	-0.19	-0.02	0.00
	75	-0.09	0.76	-0.10	-0.20	-0.06	0.00
	76	-0.12	0.80	-0.10	-0.23	-0.07	0.00
	77	-0.51	0.75	-0.17	-0.19	-0.15	0.00
	78	-0.54	0.78	-0.18	-0.22	-0.16	0.00

	79	0.54	-0.78	0.02	0.22	0.10	0.00
	80	0.51	-0.75	0.01	0.19	0.10	0.00
	81	0.12	-0.80	-0.05	0.23	0.01	0.00
	82	0.09	-0.76	-0.06	0.20	-0.00	0.00
	83	-0.00	-0.80	-0.08	0.19	-0.04	0.00
	84	-0.03	-0.76	-0.09	0.15	-0.04	0.00
	85	-0.42	-0.81	-0.15	0.20	-0.13	0.00
	86	-0.45	-0.78	-0.16	0.16	-0.14	0.00
115	1	0.02	0.00	-0.13	-0.00	0.05	0.00
	2	-0.06	-0.00	-0.11	0.00	0.03	0.00
	3	-0.01	0.14	-0.12	-0.04	0.04	0.00
	4	0.01	-0.14	-0.13	0.04	0.05	0.00
	5	0.04	0.00	-0.12	-0.00	0.06	0.00
	6	-0.11	-0.00	-0.09	0.00	0.01	0.00
	7	-0.01	0.23	-0.11	-0.06	0.04	0.00
	8	0.02	-0.23	-0.12	0.07	0.05	0.00
	9	0.98	0.24	-0.25	-0.03	0.27	0.00
	10	0.78	0.24	-0.22	-0.04	0.22	0.00
	11	1.01	-0.32	-0.26	0.11	0.28	0.00
	12	0.81	-0.32	-0.22	0.10	0.23	0.00
	13	0.86	0.38	-0.23	-0.15	0.23	0.00
	14	0.66	0.37	-0.19	-0.16	0.18	0.00
	15	0.89	-0.18	-0.23	-0.01	0.24	0.00
	16	0.69	-0.19	-0.19	-0.02	0.19	0.00
	17	-0.69	0.19	0.04	0.02	-0.13	0.00
	18	-0.89	0.18	0.08	0.01	-0.18	0.00
	19	-0.66	-0.37	0.03	0.16	-0.12	0.00
	20	-0.86	-0.38	0.07	0.15	-0.17	0.00
	21	-0.81	0.32	0.07	-0.10	-0.17	0.00
	22	-1.01	0.32	0.10	-0.11	-0.22	0.00
	23	-0.78	-0.24	0.06	0.04	-0.16	0.00
	24	-0.98	-0.24	0.10	0.03	-0.21	0.00
	25	0.55	0.93	-0.18	-0.20	0.17	0.00
	26	0.51	0.97	-0.17	-0.24	0.16	0.00
	27	0.04	0.91	-0.09	-0.19	0.05	0.00
	28	0.01	0.95	-0.08	-0.23	0.04	0.00
	29	-0.11	0.91	-0.05	-0.24	-0.00	0.00
	30	-0.14	0.95	-0.05	-0.28	-0.01	0.00
	31	-0.61	0.90	0.03	-0.22	-0.12	0.00
	32	-0.65	0.94	0.04	-0.26	-0.13	0.00
	33	0.65	-0.94	-0.20	0.26	0.19	0.00
	34	0.61	-0.90	-0.19	0.22	0.18	0.00
	35	0.14	-0.95	-0.11	0.28	0.07	0.00
	36	0.11	-0.91	-0.10	0.24	0.06	0.00
	37	-0.01	-0.95	-0.07	0.23	0.02	0.00
	38	-0.04	-0.91	-0.07	0.19	0.01	0.00
	39	-0.51	-0.97	0.01	0.24	-0.10	0.00
	40	-0.55	-0.93	0.02	0.20	-0.11	0.00
	41	0.02	0.00	-0.09	-0.00	0.04	0.00
	42	-0.04	-0.00	-0.08	0.00	0.02	0.00
	43	-0.00	0.09	-0.09	-0.03	0.03	0.00
	44	0.01	-0.09	-0.09	0.03	0.04	0.00
	45	0.03	0.00	-0.09	-0.00	0.04	0.00
	46	-0.07	-0.00	-0.07	0.00	0.01	0.00
	47	-0.01	0.15	-0.08	-0.04	0.03	0.00
	48	0.01	-0.15	-0.09	0.04	0.04	0.00
	49	0.00	-0.00	-0.08	0.00	0.03	0.00
	50	0.01	0.00	-0.08	-0.00	0.03	0.00
	51	-0.01	-0.00	-0.08	0.00	0.03	0.00
	52	-0.00	0.03	-0.08	-0.01	0.03	0.00
	53	0.00	-0.03	-0.08	0.01	0.03	0.00
	54	0.00	-0.00	-0.08	0.00	0.03	0.00
	55	0.82	0.20	-0.22	-0.02	0.23	0.00
	56	0.66	0.20	-0.19	-0.03	0.18	0.00
	57	0.84	-0.26	-0.23	0.09	0.23	0.00

	58	0.68	-0.27	-0.20	0.08	0.19	0.00
	59	0.72	0.31	-0.20	-0.12	0.20	0.00
	60	0.56	0.31	-0.17	-0.13	0.16	0.00
	61	0.74	-0.15	-0.20	-0.01	0.20	0.00
	62	0.58	-0.16	-0.17	-0.02	0.16	0.00
	63	-0.58	0.16	0.02	0.02	-0.10	0.00
	64	-0.74	0.15	0.05	0.01	-0.14	0.00
	65	-0.56	-0.31	0.01	0.13	-0.10	0.00
	66	-0.72	-0.31	0.04	0.12	-0.14	0.00
	67	-0.68	0.27	0.04	-0.08	-0.13	0.00
	68	-0.84	0.26	0.07	-0.09	-0.17	0.00
	69	-0.66	-0.20	0.04	0.03	-0.12	0.00
	70	-0.82	-0.20	0.07	0.02	-0.17	0.00
	71	0.45	0.78	-0.16	-0.17	0.14	0.00
	72	0.42	0.81	-0.15	-0.20	0.13	0.00
	73	0.03	0.76	-0.09	-0.16	0.04	0.00
	74	0.00	0.80	-0.08	-0.19	0.04	0.00
	75	-0.09	0.76	-0.06	-0.20	0.00	0.00
	76	-0.12	0.80	-0.05	-0.23	-0.01	0.00
	77	-0.51	0.75	0.01	-0.18	-0.10	0.00
	78	-0.54	0.78	0.02	-0.22	-0.10	0.00
	79	0.54	-0.78	-0.18	0.22	0.16	0.00
	80	0.51	-0.75	-0.17	0.18	0.15	0.00
	81	0.12	-0.80	-0.10	0.23	0.07	0.00
	82	0.09	-0.76	-0.10	0.20	0.06	0.00
	83	-0.00	-0.80	-0.07	0.19	0.02	0.00
	84	-0.03	-0.76	-0.07	0.16	0.02	0.00
	85	-0.42	-0.81	-0.00	0.20	-0.07	0.00
	86	-0.45	-0.78	0.00	0.17	-0.08	0.00
116	1	0.02	0.00	-0.11	-0.00	-0.04	0.00
	2	-0.06	-0.00	-0.13	0.00	-0.06	0.00
	3	-0.01	0.14	-0.12	-0.04	-0.05	0.00
	4	0.01	-0.14	-0.12	0.04	-0.04	0.00
	5	0.04	0.00	-0.10	-0.00	-0.03	0.00
	6	-0.11	-0.00	-0.13	0.00	-0.07	0.00
	7	-0.01	0.23	-0.11	-0.06	-0.05	0.00
	8	0.02	-0.23	-0.11	0.06	-0.04	0.00
	9	0.98	0.24	0.10	-0.05	0.21	0.00
	10	0.78	0.24	0.06	-0.05	0.16	0.00
	11	1.01	-0.32	0.11	0.09	0.22	0.00
	12	0.81	-0.32	0.07	0.09	0.17	0.00
	13	0.86	0.38	0.07	-0.12	0.17	0.00
	14	0.66	0.37	0.04	-0.12	0.12	0.00
	15	0.89	-0.18	0.08	0.02	0.18	0.00
	16	0.69	-0.19	0.04	0.02	0.13	0.00
	17	-0.69	0.19	-0.19	-0.02	-0.19	0.00
	18	-0.89	0.18	-0.23	-0.02	-0.24	0.00
	19	-0.66	-0.37	-0.19	0.12	-0.18	0.00
	20	-0.86	-0.38	-0.22	0.12	-0.23	0.00
	21	-0.81	0.32	-0.22	-0.09	-0.23	0.00
	22	-1.01	0.32	-0.25	-0.09	-0.28	0.00
	23	-0.78	-0.24	-0.21	0.05	-0.22	0.00
	24	-0.98	-0.24	-0.25	0.05	-0.27	0.00
	25	0.55	0.93	0.03	-0.22	0.11	0.00
	26	0.51	0.97	0.02	-0.24	0.10	0.00
	27	0.04	0.91	-0.06	-0.21	-0.01	0.00
	28	0.01	0.95	-0.07	-0.23	-0.02	0.00
	29	-0.11	0.91	-0.10	-0.23	-0.06	0.00
	30	-0.14	0.95	-0.11	-0.25	-0.07	0.00
	31	-0.61	0.90	-0.19	-0.22	-0.18	0.00
	32	-0.65	0.94	-0.19	-0.24	-0.19	0.00
	33	0.65	-0.94	0.04	0.24	0.13	0.00
	34	0.61	-0.90	0.04	0.22	0.12	0.00
	35	0.14	-0.95	-0.04	0.25	0.01	0.00
	36	0.11	-0.91	-0.05	0.23	0.00	0.00

	37	-0.01	-0.95	-0.08	0.23	-0.04	0.00
	38	-0.04	-0.91	-0.09	0.21	-0.05	0.00
	39	-0.51	-0.97	-0.17	0.24	-0.16	0.00
	40	-0.55	-0.93	-0.17	0.22	-0.17	0.00
	41	0.02	0.00	-0.08	-0.00	-0.03	0.00
	42	-0.04	-0.00	-0.09	0.00	-0.05	0.00
	43	-0.00	0.09	-0.09	-0.03	-0.03	0.00
	44	0.01	-0.09	-0.08	0.03	-0.03	0.00
	45	0.03	0.00	-0.08	-0.00	-0.02	0.00
	46	-0.07	-0.00	-0.09	0.00	-0.05	0.00
	47	-0.01	0.15	-0.08	-0.04	-0.03	0.00
	48	0.01	-0.15	-0.08	0.04	-0.03	0.00
	49	0.00	-0.00	-0.08	0.00	-0.03	0.00
	50	0.01	0.00	-0.07	-0.00	-0.03	0.00
	51	-0.01	-0.00	-0.08	0.00	-0.03	0.00
	52	-0.00	0.03	-0.07	-0.01	-0.03	0.00
	53	0.00	-0.03	-0.07	0.01	-0.03	0.00
	54	0.00	-0.00	-0.07	0.00	-0.03	0.00
	55	0.82	0.20	0.07	-0.04	0.17	0.00
	56	0.66	0.20	0.04	-0.04	0.12	0.00
	57	0.84	-0.26	0.07	0.08	0.17	0.00
	58	0.68	-0.27	0.04	0.07	0.13	0.00
	59	0.72	0.31	0.05	-0.10	0.14	0.00
	60	0.56	0.31	0.02	-0.10	0.10	0.00
	61	0.74	-0.15	0.05	0.02	0.14	0.00
	62	0.58	-0.16	0.02	0.01	0.10	0.00
	63	-0.58	0.16	-0.17	-0.01	-0.16	0.00
	64	-0.74	0.15	-0.20	-0.02	-0.20	0.00
	65	-0.56	-0.31	-0.17	0.10	-0.16	0.00
	66	-0.72	-0.31	-0.20	0.10	-0.20	0.00
	67	-0.68	0.27	-0.19	-0.07	-0.19	0.00
	68	-0.84	0.26	-0.22	-0.08	-0.23	0.00
	69	-0.66	-0.20	-0.19	0.04	-0.18	0.00
	70	-0.82	-0.20	-0.22	0.04	-0.23	0.00
	71	0.45	0.78	0.01	-0.18	0.08	0.00
	72	0.42	0.81	0.00	-0.20	0.07	0.00
	73	0.03	0.76	-0.06	-0.17	-0.02	0.00
	74	0.00	0.80	-0.07	-0.19	-0.02	0.00
	75	-0.09	0.76	-0.09	-0.19	-0.06	0.00
	76	-0.12	0.80	-0.10	-0.21	-0.07	0.00
	77	-0.51	0.75	-0.17	-0.18	-0.15	0.00
	78	-0.54	0.78	-0.17	-0.20	-0.16	0.00
	79	0.54	-0.78	0.02	0.20	0.10	0.00
	80	0.51	-0.75	0.02	0.18	0.10	0.00
	81	0.12	-0.80	-0.05	0.21	0.01	0.00
	82	0.09	-0.76	-0.05	0.19	-0.00	0.00
	83	-0.00	-0.80	-0.08	0.19	-0.04	0.00
	84	-0.03	-0.76	-0.08	0.17	-0.04	0.00
	85	-0.42	-0.81	-0.15	0.20	-0.13	0.00
	86	-0.45	-0.78	-0.16	0.18	-0.14	0.00
117	1	0.02	0.00	-0.12	-0.00	0.05	0.00
	2	-0.06	-0.00	-0.10	0.00	0.03	0.00
	3	-0.01	0.14	-0.12	-0.04	0.04	0.00
	4	0.01	-0.14	-0.12	0.04	0.05	0.00
	5	0.04	0.00	-0.12	-0.00	0.06	0.00
	6	-0.11	-0.00	-0.09	0.00	0.01	0.00
	7	-0.01	0.23	-0.11	-0.06	0.04	0.00
	8	0.02	-0.23	-0.11	0.06	0.05	0.00
	9	0.98	0.24	-0.25	-0.05	0.27	0.00
	10	0.78	0.24	-0.21	-0.05	0.22	0.00
	11	1.01	-0.32	-0.25	0.09	0.28	0.00
	12	0.81	-0.32	-0.22	0.08	0.23	0.00
	13	0.86	0.38	-0.22	-0.11	0.23	0.00
	14	0.66	0.37	-0.19	-0.11	0.18	0.00
	15	0.89	-0.18	-0.23	0.03	0.24	0.00

	16	0.69	-0.19	-0.19	0.03	0.19	0.00
	17	-0.69	0.19	0.04	-0.03	-0.13	0.00
	18	-0.89	0.18	0.08	-0.03	-0.18	0.00
	19	-0.66	-0.37	0.04	0.11	-0.12	0.00
	20	-0.86	-0.38	0.07	0.11	-0.17	0.00
	21	-0.81	0.32	0.07	-0.08	-0.17	0.00
	22	-1.01	0.32	0.11	-0.09	-0.22	0.00
	23	-0.78	-0.24	0.06	0.05	-0.16	0.00
	24	-0.98	-0.24	0.10	0.05	-0.21	0.00
	25	0.55	0.93	-0.17	-0.22	0.17	0.00
	26	0.51	0.97	-0.17	-0.24	0.16	0.00
	27	0.04	0.91	-0.09	-0.21	0.05	0.00
	28	0.01	0.95	-0.08	-0.23	0.04	0.00
	29	-0.11	0.91	-0.05	-0.23	-0.00	0.00
	30	-0.14	0.95	-0.04	-0.24	-0.01	0.00
	31	-0.61	0.90	0.04	-0.22	-0.12	0.00
	32	-0.65	0.94	0.04	-0.24	-0.13	0.00
	33	0.65	-0.94	-0.19	0.24	0.19	0.00
	34	0.61	-0.90	-0.19	0.22	0.18	0.00
	35	0.14	-0.95	-0.11	0.24	0.07	0.00
	36	0.11	-0.91	-0.10	0.23	0.06	0.00
	37	-0.01	-0.95	-0.07	0.23	0.02	0.00
	38	-0.04	-0.91	-0.06	0.21	0.01	0.00
	39	-0.51	-0.97	0.02	0.24	-0.10	0.00
	40	-0.55	-0.93	0.03	0.22	-0.11	0.00
	41	0.02	0.00	-0.09	-0.00	0.04	0.00
	42	-0.04	-0.00	-0.08	0.00	0.02	0.00
	43	-0.00	0.09	-0.08	-0.03	0.03	0.00
	44	0.01	-0.09	-0.09	0.03	0.04	0.00
	45	0.03	0.00	-0.09	-0.00	0.04	0.00
	46	-0.07	-0.00	-0.07	0.00	0.01	0.00
	47	-0.01	0.15	-0.08	-0.04	0.03	0.00
	48	0.01	-0.15	-0.08	0.04	0.04	0.00
	49	0.00	-0.00	-0.08	0.00	0.03	0.00
	50	0.01	0.00	-0.08	-0.00	0.03	0.00
	51	-0.01	-0.00	-0.07	0.00	0.03	0.00
	52	-0.00	0.03	-0.07	-0.01	0.03	0.00
	53	0.00	-0.03	-0.07	0.01	0.03	0.00
	54	0.00	-0.00	-0.07	0.00	0.03	0.00
	55	0.82	0.20	-0.22	-0.04	0.23	0.00
	56	0.66	0.20	-0.19	-0.04	0.18	0.00
	57	0.84	-0.26	-0.22	0.07	0.23	0.00
	58	0.68	-0.27	-0.19	0.07	0.19	0.00
	59	0.72	0.31	-0.20	-0.09	0.20	0.00
	60	0.56	0.31	-0.17	-0.09	0.16	0.00
	61	0.74	-0.15	-0.20	0.02	0.20	0.00
	62	0.58	-0.16	-0.17	0.02	0.16	0.00
	63	-0.58	0.16	0.02	-0.02	-0.10	0.00
	64	-0.74	0.15	0.05	-0.02	-0.14	0.00
	65	-0.56	-0.31	0.02	0.09	-0.10	0.00
	66	-0.72	-0.31	0.05	0.09	-0.14	0.00
	67	-0.68	0.27	0.04	-0.07	-0.13	0.00
	68	-0.84	0.26	0.07	-0.07	-0.17	0.00
	69	-0.66	-0.20	0.04	0.04	-0.12	0.00
	70	-0.82	-0.20	0.07	0.04	-0.17	0.00
	71	0.45	0.78	-0.16	-0.18	0.14	0.00
	72	0.42	0.81	-0.15	-0.19	0.13	0.00
	73	0.03	0.76	-0.08	-0.17	0.04	0.00
	74	0.00	0.80	-0.08	-0.19	0.04	0.00
	75	-0.09	0.76	-0.05	-0.19	0.00	0.00
	76	-0.12	0.80	-0.05	-0.20	-0.01	0.00
	77	-0.51	0.75	0.02	-0.18	-0.10	0.00
	78	-0.54	0.78	0.02	-0.19	-0.10	0.00
	79	0.54	-0.78	-0.17	0.19	0.16	0.00
	80	0.51	-0.75	-0.17	0.18	0.15	0.00

	81	0.12	-0.80	-0.10	0.20	0.07	0.00
	82	0.09	-0.76	-0.09	0.19	0.06	0.00
	83	-0.00	-0.80	-0.07	0.19	0.02	0.00
	84	-0.03	-0.76	-0.06	0.17	0.02	0.00
	85	-0.42	-0.81	0.00	0.19	-0.07	0.00
	86	-0.45	-0.78	0.01	0.18	-0.08	0.00
118	1	0.02	0.00	-0.12	0.00	-0.04	0.00
	2	-0.06	-0.00	-0.13	-0.00	-0.06	0.00
	3	-0.01	0.14	-0.12	-0.04	-0.05	0.00
	4	0.01	-0.14	-0.12	0.04	-0.04	0.00
	5	0.04	0.00	-0.10	0.00	-0.03	0.00
	6	-0.11	-0.00	-0.13	-0.00	-0.07	0.00
	7	-0.01	0.23	-0.11	-0.06	-0.05	0.00
	8	0.02	-0.23	-0.11	0.06	-0.04	0.00
	9	0.98	0.24	0.10	-0.08	0.21	0.00
	10	0.78	0.24	0.06	-0.08	0.16	0.00
	11	1.01	-0.32	0.10	0.05	0.22	0.00
	12	0.81	-0.32	0.07	0.06	0.17	0.00
	13	0.86	0.38	0.07	-0.05	0.17	0.00
	14	0.66	0.37	0.04	-0.05	0.12	0.00
	15	0.89	-0.18	0.08	0.08	0.18	0.00
	16	0.69	-0.19	0.04	0.09	0.13	0.00
	17	-0.69	0.19	-0.19	-0.09	-0.19	0.00
	18	-0.89	0.18	-0.23	-0.08	-0.24	0.00
	19	-0.66	-0.37	-0.19	0.05	-0.18	0.00
	20	-0.86	-0.38	-0.22	0.05	-0.23	0.00
	21	-0.81	0.32	-0.22	-0.06	-0.23	0.00
	22	-1.01	0.32	-0.26	-0.05	-0.28	0.00
	23	-0.78	-0.24	-0.21	0.08	-0.22	0.00
	24	-0.98	-0.24	-0.25	0.08	-0.27	0.00
	25	0.55	0.93	0.02	-0.24	0.11	0.00
	26	0.51	0.97	0.02	-0.23	0.10	0.00
	27	0.04	0.91	-0.06	-0.24	-0.01	0.00
	28	0.01	0.95	-0.07	-0.23	-0.02	0.00
	29	-0.11	0.91	-0.10	-0.22	-0.06	0.00
	30	-0.14	0.95	-0.11	-0.21	-0.07	0.00
	31	-0.61	0.90	-0.19	-0.22	-0.18	0.00
	32	-0.65	0.94	-0.19	-0.21	-0.19	0.00
	33	0.65	-0.94	0.04	0.21	0.13	0.00
	34	0.61	-0.90	0.04	0.22	0.12	0.00
	35	0.14	-0.95	-0.04	0.21	0.01	0.00
	36	0.11	-0.91	-0.05	0.22	0.00	0.00
	37	-0.01	-0.95	-0.08	0.23	-0.04	0.00
	38	-0.04	-0.91	-0.09	0.24	-0.05	0.00
	39	-0.51	-0.97	-0.17	0.23	-0.16	0.00
	40	-0.55	-0.93	-0.18	0.24	-0.17	0.00
	41	0.02	0.00	-0.08	0.00	-0.03	0.00
	42	-0.04	-0.00	-0.10	-0.00	-0.05	0.00
	43	-0.00	0.09	-0.09	-0.02	-0.03	0.00
	44	0.01	-0.09	-0.09	0.02	-0.03	0.00
	45	0.03	0.00	-0.08	0.00	-0.02	0.00
	46	-0.07	-0.00	-0.10	-0.00	-0.05	0.00
	47	-0.01	0.15	-0.08	-0.04	-0.03	0.00
	48	0.01	-0.15	-0.08	0.04	-0.03	0.00
	49	0.00	-0.00	-0.08	-0.00	-0.03	0.00
	50	0.01	0.00	-0.07	0.00	-0.03	0.00
	51	-0.01	-0.00	-0.08	-0.00	-0.03	0.00
	52	-0.00	0.03	-0.08	-0.01	-0.03	0.00
	53	0.00	-0.03	-0.08	0.01	-0.03	0.00
	54	0.00	-0.00	-0.08	-0.00	-0.03	0.00
	55	0.82	0.20	0.07	-0.07	0.17	0.00
	56	0.66	0.20	0.04	-0.06	0.12	0.00
	57	0.84	-0.26	0.07	0.05	0.17	0.00
	58	0.68	-0.27	0.04	0.05	0.13	0.00
	59	0.72	0.31	0.05	-0.04	0.14	0.00

	60	0.56	0.31	0.02	-0.04	0.10	0.00
	61	0.74	-0.15	0.05	0.07	0.14	0.00
	62	0.58	-0.16	0.02	0.07	0.10	0.00
	63	-0.58	0.16	-0.17	-0.07	-0.16	0.00
	64	-0.74	0.15	-0.20	-0.07	-0.20	0.00
	65	-0.56	-0.31	-0.17	0.04	-0.16	0.00
	66	-0.72	-0.31	-0.20	0.04	-0.20	0.00
	67	-0.68	0.27	-0.19	-0.05	-0.19	0.00
	68	-0.84	0.26	-0.22	-0.05	-0.23	0.00
	69	-0.66	-0.20	-0.19	0.06	-0.18	0.00
	70	-0.82	-0.20	-0.22	0.07	-0.23	0.00
	71	0.45	0.78	0.01	-0.19	0.08	0.00
	72	0.42	0.81	0.00	-0.19	0.07	0.00
	73	0.03	0.76	-0.07	-0.20	-0.02	0.00
	74	0.00	0.80	-0.07	-0.19	-0.02	0.00
	75	-0.09	0.76	-0.10	-0.18	-0.06	0.00
	76	-0.12	0.80	-0.10	-0.17	-0.07	0.00
	77	-0.51	0.75	-0.17	-0.18	-0.15	0.00
	78	-0.54	0.78	-0.17	-0.18	-0.16	0.00
	79	0.54	-0.78	0.02	0.18	0.10	0.00
	80	0.51	-0.75	0.02	0.18	0.10	0.00
	81	0.12	-0.80	-0.05	0.17	0.01	0.00
	82	0.09	-0.76	-0.06	0.18	-0.00	0.00
	83	-0.00	-0.80	-0.08	0.19	-0.04	0.00
	84	-0.03	-0.76	-0.09	0.20	-0.04	0.00
	85	-0.42	-0.81	-0.15	0.19	-0.13	0.00
	86	-0.45	-0.78	-0.16	0.19	-0.14	0.00
119	1	0.02	0.00	-0.12	0.00	0.05	0.00
	2	-0.06	-0.00	-0.11	-0.00	0.03	0.00
	3	-0.01	0.14	-0.12	-0.04	0.04	0.00
	4	0.01	-0.14	-0.12	0.04	0.05	0.00
	5	0.04	0.00	-0.12	0.00	0.06	0.00
	6	-0.11	-0.00	-0.09	-0.00	0.01	0.00
	7	-0.01	0.23	-0.11	-0.06	0.04	0.00
	8	0.02	-0.23	-0.12	0.06	0.05	0.00
	9	0.98	0.24	-0.25	-0.08	0.27	0.00
	10	0.78	0.24	-0.21	-0.08	0.22	0.00
	11	1.01	-0.32	-0.26	0.05	0.28	0.00
	12	0.81	-0.32	-0.22	0.06	0.23	0.00
	13	0.86	0.38	-0.22	-0.05	0.23	0.00
	14	0.66	0.37	-0.19	-0.04	0.18	0.00
	15	0.89	-0.18	-0.23	0.09	0.24	0.00
	16	0.69	-0.19	-0.19	0.09	0.19	0.00
	17	-0.69	0.19	0.04	-0.09	-0.13	0.00
	18	-0.89	0.18	0.08	-0.09	-0.18	0.00
	19	-0.66	-0.37	0.04	0.04	-0.12	0.00
	20	-0.86	-0.38	0.07	0.05	-0.17	0.00
	21	-0.81	0.32	0.07	-0.06	-0.17	0.00
	22	-1.01	0.32	0.10	-0.05	-0.22	0.00
	23	-0.78	-0.24	0.06	0.08	-0.16	0.00
	24	-0.98	-0.24	0.10	0.08	-0.21	0.00
	25	0.55	0.93	-0.18	-0.24	0.17	0.00
	26	0.51	0.97	-0.17	-0.23	0.16	0.00
	27	0.04	0.91	-0.09	-0.24	0.05	0.00
	28	0.01	0.95	-0.08	-0.23	0.04	0.00
	29	-0.11	0.91	-0.05	-0.22	-0.00	0.00
	30	-0.14	0.95	-0.04	-0.21	-0.01	0.00
	31	-0.61	0.90	0.04	-0.22	-0.12	0.00
	32	-0.65	0.94	0.04	-0.21	-0.13	0.00
	33	0.65	-0.94	-0.19	0.21	0.19	0.00
	34	0.61	-0.90	-0.19	0.22	0.18	0.00
	35	0.14	-0.95	-0.11	0.21	0.07	0.00
	36	0.11	-0.91	-0.10	0.22	0.06	0.00
	37	-0.01	-0.95	-0.07	0.23	0.02	0.00
	38	-0.04	-0.91	-0.06	0.24	0.01	0.00

	39	-0.51	-0.97	0.02	0.23	-0.10	0.00
	40	-0.55	-0.93	0.02	0.24	-0.11	0.00
	41	0.02	0.00	-0.09	0.00	0.04	0.00
	42	-0.04	-0.00	-0.08	-0.00	0.02	0.00
	43	-0.00	0.09	-0.09	-0.02	0.03	0.00
	44	0.01	-0.09	-0.09	0.02	0.04	0.00
	45	0.03	0.00	-0.09	0.00	0.04	0.00
	46	-0.07	-0.00	-0.07	-0.00	0.01	0.00
	47	-0.01	0.15	-0.08	-0.04	0.03	0.00
	48	0.01	-0.15	-0.08	0.04	0.04	0.00
	49	0.00	-0.00	-0.08	-0.00	0.03	0.00
	50	0.01	0.00	-0.08	0.00	0.03	0.00
	51	-0.01	-0.00	-0.07	-0.00	0.03	0.00
	52	-0.00	0.03	-0.08	-0.01	0.03	0.00
	53	0.00	-0.03	-0.08	0.01	0.03	0.00
	54	0.00	-0.00	-0.08	-0.00	0.03	0.00
	55	0.82	0.20	-0.22	-0.07	0.23	0.00
	56	0.66	0.20	-0.19	-0.06	0.18	0.00
	57	0.84	-0.26	-0.22	0.04	0.23	0.00
	58	0.68	-0.27	-0.19	0.05	0.19	0.00
	59	0.72	0.31	-0.20	-0.04	0.20	0.00
	60	0.56	0.31	-0.17	-0.03	0.16	0.00
	61	0.74	-0.15	-0.20	0.07	0.20	0.00
	62	0.58	-0.16	-0.17	0.08	0.16	0.00
	63	-0.58	0.16	0.02	-0.08	-0.10	0.00
	64	-0.74	0.15	0.05	-0.07	-0.14	0.00
	65	-0.56	-0.31	0.02	0.03	-0.10	0.00
	66	-0.72	-0.31	0.05	0.04	-0.14	0.00
	67	-0.68	0.27	0.04	-0.05	-0.13	0.00
	68	-0.84	0.26	0.07	-0.04	-0.17	0.00
	69	-0.66	-0.20	0.04	0.06	-0.12	0.00
	70	-0.82	-0.20	0.07	0.07	-0.17	0.00
	71	0.45	0.78	-0.16	-0.20	0.14	0.00
	72	0.42	0.81	-0.15	-0.19	0.13	0.00
	73	0.03	0.76	-0.09	-0.20	0.04	0.00
	74	0.00	0.80	-0.08	-0.19	0.04	0.00
	75	-0.09	0.76	-0.06	-0.18	0.00	0.00
	76	-0.12	0.80	-0.05	-0.17	-0.01	0.00
	77	-0.51	0.75	0.02	-0.18	-0.10	0.00
	78	-0.54	0.78	0.02	-0.17	-0.10	0.00
	79	0.54	-0.78	-0.17	0.17	0.16	0.00
	80	0.51	-0.75	-0.17	0.18	0.15	0.00
	81	0.12	-0.80	-0.10	0.17	0.07	0.00
	82	0.09	-0.76	-0.10	0.18	0.06	0.00
	83	-0.00	-0.80	-0.07	0.19	0.02	0.00
	84	-0.03	-0.76	-0.07	0.20	0.02	0.00
	85	-0.42	-0.81	0.00	0.19	-0.07	0.00
	86	-0.45	-0.78	0.01	0.20	-0.08	0.00
120	1	0.02	0.00	-0.12	0.00	-0.04	0.00
	2	-0.06	-0.00	-0.13	-0.00	-0.06	0.00
	3	-0.01	0.14	-0.12	-0.04	-0.05	0.00
	4	0.01	-0.14	-0.12	0.04	-0.04	0.00
	5	0.04	0.00	-0.10	0.00	-0.03	0.00
	6	-0.11	-0.00	-0.13	-0.00	-0.07	0.00
	7	-0.01	0.23	-0.11	-0.06	-0.05	0.00
	8	0.02	-0.23	-0.11	0.06	-0.04	0.00
	9	0.98	0.24	0.10	-0.10	0.21	0.00
	10	0.78	0.24	0.06	-0.09	0.16	0.00
	11	1.01	-0.32	0.10	0.03	0.22	0.00
	12	0.81	-0.32	0.07	0.04	0.17	0.00
	13	0.86	0.38	0.07	-0.02	0.17	0.00
	14	0.66	0.37	0.04	-0.01	0.12	0.00
	15	0.89	-0.18	0.08	0.12	0.18	0.00
	16	0.69	-0.19	0.04	0.13	0.13	0.00
	17	-0.69	0.19	-0.19	-0.13	-0.19	0.00

	18	-0.89	0.18	-0.23	-0.12	-0.24	0.00
	19	-0.66	-0.37	-0.19	0.01	-0.18	0.00
	20	-0.86	-0.38	-0.22	0.02	-0.23	0.00
	21	-0.81	0.32	-0.22	-0.04	-0.23	0.00
	22	-1.01	0.32	-0.26	-0.03	-0.28	0.00
	23	-0.78	-0.24	-0.21	0.09	-0.22	0.00
	24	-0.98	-0.24	-0.25	0.10	-0.27	0.00
	25	0.55	0.93	0.02	-0.25	0.11	0.00
	26	0.51	0.97	0.02	-0.23	0.10	0.00
	27	0.04	0.91	-0.06	-0.26	-0.01	0.00
	28	0.01	0.95	-0.07	-0.23	-0.02	0.00
	29	-0.11	0.91	-0.10	-0.21	-0.06	0.00
	30	-0.14	0.95	-0.11	-0.19	-0.07	0.00
	31	-0.61	0.90	-0.19	-0.22	-0.18	0.00
	32	-0.65	0.94	-0.20	-0.19	-0.19	0.00
	33	0.65	-0.94	0.04	0.19	0.13	0.00
	34	0.61	-0.90	0.03	0.22	0.12	0.00
	35	0.14	-0.95	-0.04	0.19	0.01	0.00
	36	0.11	-0.91	-0.05	0.21	0.00	0.00
	37	-0.01	-0.95	-0.08	0.23	-0.04	0.00
	38	-0.04	-0.91	-0.09	0.26	-0.05	0.00
	39	-0.51	-0.97	-0.17	0.23	-0.16	0.00
	40	-0.55	-0.93	-0.18	0.25	-0.17	0.00
	41	0.02	0.00	-0.08	0.00	-0.03	0.00
	42	-0.04	-0.00	-0.10	-0.00	-0.05	0.00
	43	-0.00	0.09	-0.09	-0.02	-0.03	0.00
	44	0.01	-0.09	-0.09	0.02	-0.03	0.00
	45	0.03	0.00	-0.08	0.00	-0.02	0.00
	46	-0.07	-0.00	-0.10	-0.00	-0.05	0.00
	47	-0.01	0.15	-0.08	-0.04	-0.03	0.00
	48	0.01	-0.15	-0.08	0.04	-0.03	0.00
	49	0.00	-0.00	-0.08	-0.00	-0.03	0.00
	50	0.01	0.00	-0.08	0.00	-0.03	0.00
	51	-0.01	-0.00	-0.08	-0.00	-0.03	0.00
	52	-0.00	0.03	-0.08	-0.01	-0.03	0.00
	53	0.00	-0.03	-0.08	0.01	-0.03	0.00
	54	0.00	-0.00	-0.08	-0.00	-0.03	0.00
	55	0.82	0.20	0.07	-0.08	0.17	0.00
	56	0.66	0.20	0.04	-0.07	0.12	0.00
	57	0.84	-0.26	0.07	0.03	0.17	0.00
	58	0.68	-0.27	0.04	0.04	0.13	0.00
	59	0.72	0.31	0.05	-0.01	0.14	0.00
	60	0.56	0.31	0.02	-0.00	0.10	0.00
	61	0.74	-0.15	0.05	0.10	0.14	0.00
	62	0.58	-0.16	0.02	0.11	0.10	0.00
	63	-0.58	0.16	-0.17	-0.11	-0.16	0.00
	64	-0.74	0.15	-0.20	-0.10	-0.20	0.00
	65	-0.56	-0.31	-0.17	0.00	-0.16	0.00
	66	-0.72	-0.31	-0.20	0.01	-0.20	0.00
	67	-0.68	0.27	-0.19	-0.04	-0.19	0.00
	68	-0.84	0.26	-0.22	-0.03	-0.23	0.00
	69	-0.66	-0.20	-0.19	0.07	-0.18	0.00
	70	-0.82	-0.20	-0.22	0.08	-0.23	0.00
	71	0.45	0.78	0.01	-0.21	0.08	0.00
	72	0.42	0.81	-0.00	-0.19	0.07	0.00
	73	0.03	0.76	-0.07	-0.21	-0.02	0.00
	74	0.00	0.80	-0.07	-0.19	-0.02	0.00
	75	-0.09	0.76	-0.10	-0.17	-0.06	0.00
	76	-0.12	0.80	-0.10	-0.15	-0.07	0.00
	77	-0.51	0.75	-0.17	-0.18	-0.15	0.00
	78	-0.54	0.78	-0.17	-0.16	-0.16	0.00
	79	0.54	-0.78	0.02	0.16	0.10	0.00
	80	0.51	-0.75	0.02	0.18	0.10	0.00
	81	0.12	-0.80	-0.05	0.15	0.01	0.00
	82	0.09	-0.76	-0.06	0.17	-0.00	0.00

	83	-0.00	-0.80	-0.08	0.19	-0.04	0.00
	84	-0.03	-0.76	-0.09	0.21	-0.04	0.00
	85	-0.42	-0.81	-0.15	0.19	-0.13	0.00
	86	-0.45	-0.78	-0.16	0.21	-0.14	0.00
121	1	0.02	0.00	-0.13	0.00	0.05	0.00
	2	-0.06	-0.00	-0.11	-0.00	0.03	0.00
	3	-0.01	0.14	-0.12	-0.04	0.04	0.00
	4	0.01	-0.14	-0.12	0.04	0.05	0.00
	5	0.04	0.00	-0.12	0.00	0.06	0.00
	6	-0.11	-0.00	-0.09	-0.00	0.01	0.00
	7	-0.01	0.23	-0.11	-0.06	0.04	0.00
	8	0.02	-0.23	-0.12	0.06	0.05	0.00
	9	0.98	0.24	-0.25	-0.11	0.27	0.00
	10	0.78	0.24	-0.21	-0.09	0.22	0.00
	11	1.01	-0.32	-0.26	0.02	0.28	0.00
	12	0.81	-0.32	-0.22	0.04	0.23	0.00
	13	0.86	0.38	-0.22	-0.01	0.23	0.00
	14	0.66	0.37	-0.19	0.01	0.18	0.00
	15	0.89	-0.18	-0.23	0.12	0.24	0.00
	16	0.69	-0.19	-0.19	0.14	0.19	0.00
	17	-0.69	0.19	0.04	-0.14	-0.13	0.00
	18	-0.89	0.18	0.08	-0.12	-0.18	0.00
	19	-0.66	-0.37	0.04	-0.01	-0.12	0.00
	20	-0.86	-0.38	0.07	0.01	-0.17	0.00
	21	-0.81	0.32	0.07	-0.04	-0.17	0.00
	22	-1.01	0.32	0.10	-0.02	-0.22	0.00
	23	-0.78	-0.24	0.06	0.09	-0.16	0.00
	24	-0.98	-0.24	0.10	0.11	-0.21	0.00
	25	0.55	0.93	-0.18	-0.26	0.17	0.00
	26	0.51	0.97	-0.17	-0.23	0.16	0.00
	27	0.04	0.91	-0.09	-0.27	0.05	0.00
	28	0.01	0.95	-0.08	-0.24	0.04	0.00
	29	-0.11	0.91	-0.05	-0.21	-0.00	0.00
	30	-0.14	0.95	-0.04	-0.18	-0.01	0.00
	31	-0.61	0.90	0.03	-0.22	-0.12	0.00
	32	-0.65	0.94	0.04	-0.19	-0.13	0.00
	33	0.65	-0.94	-0.20	0.19	0.19	0.00
	34	0.61	-0.90	-0.19	0.22	0.18	0.00
	35	0.14	-0.95	-0.11	0.18	0.07	0.00
	36	0.11	-0.91	-0.10	0.21	0.06	0.00
	37	-0.01	-0.95	-0.07	0.24	0.02	0.00
	38	-0.04	-0.91	-0.06	0.27	0.01	0.00
	39	-0.51	-0.97	0.02	0.23	-0.10	0.00
	40	-0.55	-0.93	0.02	0.26	-0.11	0.00
	41	0.02	0.00	-0.09	0.00	0.04	0.00
	42	-0.04	-0.00	-0.08	-0.00	0.02	0.00
	43	-0.00	0.09	-0.09	-0.02	0.03	0.00
	44	0.01	-0.09	-0.09	0.02	0.04	0.00
	45	0.03	0.00	-0.09	0.00	0.04	0.00
	46	-0.07	-0.00	-0.07	-0.00	0.01	0.00
	47	-0.01	0.15	-0.08	-0.04	0.03	0.00
	48	0.01	-0.15	-0.08	0.04	0.04	0.00
	49	0.00	-0.00	-0.08	-0.00	0.03	0.00
	50	0.01	0.00	-0.08	0.00	0.03	0.00
	51	-0.01	-0.00	-0.07	-0.00	0.03	0.00
	52	-0.00	0.03	-0.08	-0.01	0.03	0.00
	53	0.00	-0.03	-0.08	0.01	0.03	0.00
	54	0.00	-0.00	-0.08	-0.00	0.03	0.00
	55	0.82	0.20	-0.22	-0.09	0.23	0.00
	56	0.66	0.20	-0.19	-0.08	0.18	0.00
	57	0.84	-0.26	-0.22	0.02	0.23	0.00
	58	0.68	-0.27	-0.19	0.03	0.19	0.00
	59	0.72	0.31	-0.20	-0.01	0.20	0.00
	60	0.56	0.31	-0.17	0.00	0.16	0.00
	61	0.74	-0.15	-0.20	0.10	0.20	0.00

	62	0.58	-0.16	-0.17	0.11	0.16	0.00
	63	-0.58	0.16	0.02	-0.11	-0.10	0.00
	64	-0.74	0.15	0.05	-0.10	-0.14	0.00
	65	-0.56	-0.31	0.02	-0.00	-0.10	0.00
	66	-0.72	-0.31	0.05	0.01	-0.14	0.00
	67	-0.68	0.27	0.04	-0.03	-0.13	0.00
	68	-0.84	0.26	0.07	-0.02	-0.17	0.00
	69	-0.66	-0.20	0.04	0.08	-0.12	0.00
	70	-0.82	-0.20	0.07	0.09	-0.17	0.00
	71	0.45	0.78	-0.16	-0.21	0.14	0.00
	72	0.42	0.81	-0.15	-0.19	0.13	0.00
	73	0.03	0.76	-0.09	-0.22	0.04	0.00
	74	0.00	0.80	-0.08	-0.19	0.04	0.00
	75	-0.09	0.76	-0.06	-0.17	0.00	0.00
	76	-0.12	0.80	-0.05	-0.15	-0.01	0.00
	77	-0.51	0.75	0.02	-0.18	-0.10	0.00
	78	-0.54	0.78	0.02	-0.16	-0.10	0.00
	79	0.54	-0.78	-0.17	0.16	0.16	0.00
	80	0.51	-0.75	-0.17	0.18	0.15	0.00
	81	0.12	-0.80	-0.10	0.15	0.07	0.00
	82	0.09	-0.76	-0.10	0.17	0.06	0.00
	83	-0.00	-0.80	-0.07	0.19	0.02	0.00
	84	-0.03	-0.76	-0.07	0.22	0.02	0.00
	85	-0.42	-0.81	-0.00	0.19	-0.07	0.00
	86	-0.45	-0.78	0.01	0.21	-0.08	0.00
122	1	0.02	0.00	-0.09	0.00	-0.07	0.00
	2	-0.06	-0.00	-0.11	-0.00	-0.09	0.00
	3	-0.01	0.14	-0.10	-0.04	-0.08	0.00
	4	0.01	-0.14	-0.10	0.03	-0.07	0.00
	5	0.04	0.00	-0.09	0.00	-0.06	0.00
	6	-0.11	-0.00	-0.12	-0.00	-0.10	0.00
	7	-0.01	0.23	-0.10	-0.06	-0.07	0.00
	8	0.02	-0.23	-0.09	0.06	-0.07	0.00
	9	0.98	0.24	0.11	-0.13	0.19	0.00
	10	0.78	0.24	0.07	-0.11	0.14	0.00
	11	1.01	-0.32	0.12	0.01	0.20	0.00
	12	0.81	-0.32	0.08	0.02	0.15	0.00
	13	0.86	0.38	0.08	0.02	0.15	0.00
	14	0.66	0.37	0.05	0.04	0.10	0.00
	15	0.89	-0.18	0.09	0.16	0.16	0.00
	16	0.69	-0.19	0.05	0.18	0.11	0.00
	17	-0.69	0.19	-0.18	-0.18	-0.21	0.00
	18	-0.89	0.18	-0.22	-0.16	-0.26	0.00
	19	-0.66	-0.37	-0.18	-0.04	-0.20	0.00
	20	-0.86	-0.38	-0.21	-0.02	-0.25	0.00
	21	-0.81	0.32	-0.21	-0.02	-0.24	0.00
	22	-1.01	0.32	-0.24	-0.01	-0.29	0.00
	23	-0.78	-0.24	-0.20	0.11	-0.24	0.00
	24	-0.98	-0.24	-0.24	0.13	-0.29	0.00
	25	0.55	0.93	0.04	-0.27	0.09	0.00
	26	0.51	0.97	0.03	-0.23	0.08	0.00
	27	0.04	0.91	-0.05	-0.29	-0.03	0.00
	28	0.01	0.95	-0.06	-0.24	-0.04	0.00
	29	-0.11	0.91	-0.09	-0.21	-0.08	0.00
	30	-0.14	0.95	-0.10	-0.16	-0.09	0.00
	31	-0.61	0.90	-0.18	-0.22	-0.20	0.00
	32	-0.65	0.94	-0.18	-0.17	-0.21	0.00
	33	0.65	-0.94	0.06	0.17	0.11	0.00
	34	0.61	-0.90	0.05	0.22	0.10	0.00
	35	0.14	-0.95	-0.03	0.16	-0.00	0.00
	36	0.11	-0.91	-0.04	0.21	-0.02	0.00
	37	-0.01	-0.95	-0.07	0.24	-0.05	0.00
	38	-0.04	-0.91	-0.08	0.29	-0.06	0.00
	39	-0.51	-0.97	-0.16	0.23	-0.17	0.00
	40	-0.55	-0.93	-0.16	0.27	-0.18	0.00

	41	0.02	0.00	-0.07	0.00	-0.05	0.00
	42	-0.04	-0.00	-0.08	-0.00	-0.07	0.00
	43	-0.00	0.09	-0.07	-0.02	-0.06	0.00
	44	0.01	-0.09	-0.07	0.02	-0.05	0.00
	45	0.03	0.00	-0.06	0.00	-0.04	0.00
	46	-0.07	-0.00	-0.08	-0.00	-0.07	0.00
	47	-0.01	0.15	-0.07	-0.04	-0.05	0.00
	48	0.01	-0.15	-0.07	0.04	-0.05	0.00
	49	0.00	-0.00	-0.07	-0.00	-0.05	0.00
	50	0.01	0.00	-0.06	0.00	-0.05	0.00
	51	-0.01	-0.00	-0.07	-0.00	-0.05	0.00
	52	-0.00	0.03	-0.06	-0.01	-0.05	0.00
	53	0.00	-0.03	-0.06	0.01	-0.05	0.00
	54	0.00	-0.00	-0.06	-0.00	-0.05	0.00
	55	0.82	0.20	0.08	-0.11	0.15	0.00
	56	0.66	0.20	0.05	-0.09	0.11	0.00
	57	0.84	-0.26	0.08	0.00	0.15	0.00
	58	0.68	-0.27	0.05	0.02	0.11	0.00
	59	0.72	0.31	0.06	0.02	0.12	0.00
	60	0.56	0.31	0.03	0.04	0.08	0.00
	61	0.74	-0.15	0.06	0.13	0.13	0.00
	62	0.58	-0.16	0.03	0.15	0.08	0.00
	63	-0.58	0.16	-0.16	-0.15	-0.18	0.00
	64	-0.74	0.15	-0.19	-0.13	-0.22	0.00
	65	-0.56	-0.31	-0.16	-0.04	-0.17	0.00
	66	-0.72	-0.31	-0.19	-0.02	-0.21	0.00
	67	-0.68	0.27	-0.18	-0.02	-0.21	0.00
	68	-0.84	0.26	-0.21	-0.00	-0.25	0.00
	69	-0.66	-0.20	-0.18	0.09	-0.20	0.00
	70	-0.82	-0.20	-0.21	0.11	-0.24	0.00
	71	0.45	0.78	0.02	-0.22	0.06	0.00
	72	0.42	0.81	0.01	-0.19	0.06	0.00
	73	0.03	0.76	-0.05	-0.24	-0.03	0.00
	74	0.00	0.80	-0.06	-0.20	-0.04	0.00
	75	-0.09	0.76	-0.08	-0.17	-0.07	0.00
	76	-0.12	0.80	-0.09	-0.13	-0.08	0.00
	77	-0.51	0.75	-0.16	-0.18	-0.17	0.00
	78	-0.54	0.78	-0.16	-0.14	-0.18	0.00
	79	0.54	-0.78	0.03	0.14	0.09	0.00
	80	0.51	-0.75	0.03	0.18	0.08	0.00
	81	0.12	-0.80	-0.04	0.13	-0.01	0.00
	82	0.09	-0.76	-0.04	0.17	-0.02	0.00
	83	-0.00	-0.80	-0.07	0.20	-0.05	0.00
	84	-0.03	-0.76	-0.07	0.24	-0.06	0.00
	85	-0.42	-0.81	-0.14	0.19	-0.15	0.00
	86	-0.45	-0.78	-0.15	0.22	-0.16	0.00
201	1	0.09	0.00	-0.05	0.00	0.00	-0.00
	2	-0.25	-0.05	-0.05	0.00	0.00	0.00
	3	-0.02	0.55	-0.05	0.00	0.00	-0.00
	4	0.04	-0.58	-0.05	0.00	0.00	0.00
	5	0.15	0.00	-0.05	0.00	0.00	-0.00
	6	-0.41	-0.09	-0.05	0.00	0.00	0.00
	7	-0.04	0.92	-0.05	0.00	0.00	-0.00
	8	0.07	-0.97	-0.05	0.00	0.00	0.00
	9	4.08	-0.29	-0.03	0.00	0.00	0.02
	10	4.10	0.32	-0.03	0.00	0.00	0.01
	11	4.07	-2.24	-0.03	0.00	0.00	0.03
	12	4.09	-1.63	-0.03	0.00	0.00	0.01
	13	1.13	3.19	-0.03	0.00	0.00	-0.03
	14	1.15	3.80	-0.03	0.00	0.00	-0.05
	15	1.12	1.24	-0.03	0.00	0.00	-0.03
	16	1.14	1.85	-0.03	0.00	0.00	-0.04
	17	-1.14	-1.85	-0.03	0.00	0.00	0.04
	18	-1.12	-1.24	-0.03	0.00	0.00	0.03
	19	-1.15	-3.80	-0.03	0.00	0.00	0.05

	20	-1.13	-3.19	-0.03	0.00	0.00	0.03
	21	-4.09	1.63	-0.03	0.00	0.00	-0.01
	22	-4.07	2.24	-0.03	0.00	0.00	-0.03
	23	-4.10	-0.32	-0.03	0.00	0.00	-0.01
	24	-4.08	0.29	-0.03	0.00	0.00	-0.02
	25	1.20	1.94	-0.03	0.00	0.00	0.02
	26	0.32	2.98	-0.03	0.00	0.00	0.00
	27	-0.36	1.47	-0.03	0.00	0.00	0.03
	28	-1.25	2.52	-0.03	0.00	0.00	0.01
	29	1.26	3.98	-0.03	0.00	0.00	-0.02
	30	0.38	5.03	-0.03	0.00	0.00	-0.03
	31	-0.30	3.52	-0.03	0.00	0.00	-0.01
	32	-1.19	4.56	-0.03	0.00	0.00	-0.03
	33	1.19	-4.56	-0.03	0.00	0.00	0.03
	34	0.30	-3.52	-0.03	0.00	0.00	0.01
	35	-0.38	-5.03	-0.03	0.00	0.00	0.03
	36	-1.26	-3.98	-0.03	0.00	0.00	0.02
	37	1.25	-2.52	-0.03	0.00	0.00	-0.01
	38	0.36	-1.47	-0.03	0.00	0.00	-0.03
	39	-0.32	-2.98	-0.03	0.00	0.00	-0.00
	40	-1.20	-1.94	-0.03	0.00	0.00	-0.02
	41	0.06	0.00	-0.04	0.00	0.00	-0.00
	42	-0.16	-0.04	-0.04	0.00	0.00	0.00
	43	-0.02	0.37	-0.04	0.00	0.00	-0.00
	44	0.03	-0.39	-0.04	0.00	0.00	0.00
	45	0.10	0.00	-0.04	0.00	0.00	-0.00
	46	-0.27	-0.06	-0.04	0.00	0.00	0.00
	47	-0.03	0.61	-0.04	0.00	0.00	-0.00
	48	0.05	-0.65	-0.04	0.00	0.00	0.00
	49	0.00	-0.00	-0.04	0.00	0.00	0.00
	50	0.02	0.00	-0.03	0.00	0.00	-0.00
	51	-0.05	-0.01	-0.03	0.00	0.00	0.00
	52	-0.01	0.12	-0.03	0.00	0.00	-0.00
	53	0.01	-0.13	-0.03	0.00	0.00	0.00
	54	0.00	-0.00	-0.03	0.00	0.00	0.00
	55	3.36	-0.24	-0.03	0.00	0.00	0.02
	56	3.38	0.26	-0.03	0.00	0.00	0.01
	57	3.36	-1.85	-0.03	0.00	0.00	0.02
	58	3.38	-1.34	-0.03	0.00	0.00	0.01
	59	0.93	2.63	-0.03	0.00	0.00	-0.03
	60	0.95	3.14	-0.03	0.00	0.00	-0.04
	61	0.93	1.02	-0.03	0.00	0.00	-0.03
	62	0.94	1.53	-0.03	0.00	0.00	-0.04
	63	-0.94	-1.53	-0.03	0.00	0.00	0.04
	64	-0.93	-1.02	-0.03	0.00	0.00	0.03
	65	-0.95	-3.14	-0.03	0.00	0.00	0.04
	66	-0.93	-2.63	-0.03	0.00	0.00	0.03
	67	-3.38	1.34	-0.03	0.00	0.00	-0.01
	68	-3.36	1.85	-0.03	0.00	0.00	-0.02
	69	-3.38	-0.26	-0.03	0.00	0.00	-0.01
	70	-3.36	0.24	-0.03	0.00	0.00	-0.02
	71	0.99	1.60	-0.03	0.00	0.00	0.02
	72	0.26	2.46	-0.03	0.00	0.00	0.00
	73	-0.30	1.21	-0.03	0.00	0.00	0.02
	74	-1.03	2.08	-0.03	0.00	0.00	0.01
	75	1.04	3.29	-0.03	0.00	0.00	-0.01
	76	0.31	4.15	-0.03	0.00	0.00	-0.03
	77	-0.25	2.90	-0.03	0.00	0.00	-0.01
	78	-0.98	3.76	-0.03	0.00	0.00	-0.02
	79	0.98	-3.76	-0.03	0.00	0.00	0.02
	80	0.25	-2.90	-0.03	0.00	0.00	0.01
	81	-0.31	-4.15	-0.03	0.00	0.00	0.03
	82	-1.04	-3.29	-0.03	0.00	0.00	0.01
	83	1.03	-2.08	-0.03	0.00	0.00	-0.01
	84	0.30	-1.21	-0.03	0.00	0.00	-0.02

	85	-0.26	-2.46	-0.03	0.00	0.00	-0.00
	86	-0.99	-1.60	-0.03	0.00	0.00	-0.02
202	1	0.09	0.00	-0.13	0.00	0.00	-0.00
	2	-0.25	-0.03	-0.13	0.00	0.00	0.00
	3	-0.02	0.54	-0.13	0.00	0.00	-0.00
	4	0.04	-0.56	-0.13	0.00	0.00	0.00
	5	0.15	0.00	-0.12	0.00	0.00	-0.00
	6	-0.41	-0.06	-0.12	0.00	0.00	0.00
	7	-0.04	0.89	-0.12	0.00	0.00	-0.00
	8	0.07	-0.93	-0.12	0.00	0.00	0.00
	9	4.08	0.20	-0.08	0.00	0.00	0.02
	10	4.10	0.57	-0.08	0.00	0.00	0.01
	11	4.07	-1.70	-0.08	0.00	0.00	0.03
	12	4.09	-1.33	-0.08	0.00	0.00	0.01
	13	1.13	2.46	-0.08	0.00	0.00	-0.03
	14	1.15	2.84	-0.08	0.00	0.00	-0.05
	15	1.12	0.56	-0.08	0.00	0.00	-0.03
	16	1.14	0.93	-0.08	0.00	0.00	-0.04
	17	-1.14	-0.93	-0.08	0.00	0.00	0.04
	18	-1.12	-0.56	-0.08	0.00	0.00	0.03
	19	-1.15	-2.84	-0.08	0.00	0.00	0.05
	20	-1.13	-2.46	-0.08	0.00	0.00	0.03
	21	-4.09	1.33	-0.08	0.00	0.00	-0.01
	22	-4.07	1.70	-0.08	0.00	0.00	-0.03
	23	-4.10	-0.57	-0.08	0.00	0.00	-0.01
	24	-4.08	-0.20	-0.08	0.00	0.00	-0.02
	25	1.20	2.39	-0.08	0.00	0.00	0.02
	26	0.32	3.07	-0.08	0.00	0.00	0.00
	27	-0.36	2.05	-0.08	0.00	0.00	0.03
	28	-1.25	2.73	-0.08	0.00	0.00	0.01
	29	1.26	3.63	-0.08	0.00	0.00	-0.02
	30	0.38	4.31	-0.08	0.00	0.00	-0.03
	31	-0.30	3.29	-0.08	0.00	0.00	-0.01
	32	-1.19	3.97	-0.08	0.00	0.00	-0.03
	33	1.19	-3.97	-0.08	0.00	0.00	0.03
	34	0.30	-3.29	-0.08	0.00	0.00	0.01
	35	-0.38	-4.31	-0.08	0.00	0.00	0.03
	36	-1.26	-3.63	-0.08	0.00	0.00	0.02
	37	1.25	-2.73	-0.08	0.00	0.00	-0.01
	38	0.36	-2.05	-0.08	0.00	0.00	-0.03
	39	-0.32	-3.07	-0.08	0.00	0.00	-0.00
	40	-1.20	-2.39	-0.08	0.00	0.00	-0.02
	41	0.06	0.00	-0.09	0.00	0.00	-0.00
	42	-0.16	-0.02	-0.09	0.00	0.00	0.00
	43	-0.02	0.36	-0.09	0.00	0.00	-0.00
	44	0.03	-0.37	-0.09	0.00	0.00	0.00
	45	0.10	0.00	-0.09	0.00	0.00	-0.00
	46	-0.27	-0.04	-0.09	0.00	0.00	0.00
	47	-0.03	0.59	-0.09	0.00	0.00	-0.00
	48	0.05	-0.62	-0.09	0.00	0.00	0.00
	49	0.00	-0.00	-0.08	0.00	0.00	0.00
	50	0.02	0.00	-0.08	0.00	0.00	-0.00
	51	-0.05	-0.01	-0.08	0.00	0.00	0.00
	52	-0.01	0.12	-0.08	0.00	0.00	-0.00
	53	0.01	-0.12	-0.08	0.00	0.00	0.00
	54	0.00	-0.00	-0.08	0.00	0.00	0.00
	55	3.36	0.17	-0.08	0.00	0.00	0.02
	56	3.38	0.47	-0.08	0.00	0.00	0.01
	57	3.36	-1.41	-0.08	0.00	0.00	0.02
	58	3.38	-1.10	-0.08	0.00	0.00	0.01
	59	0.93	2.03	-0.08	0.00	0.00	-0.03
	60	0.95	2.34	-0.08	0.00	0.00	-0.04
	61	0.93	0.46	-0.08	0.00	0.00	-0.03
	62	0.94	0.77	-0.08	0.00	0.00	-0.04
	63	-0.94	-0.77	-0.08	0.00	0.00	0.04

	64	-0.93	-0.46	-0.08	0.00	0.00	0.03
	65	-0.95	-2.34	-0.08	0.00	0.00	0.04
	66	-0.93	-2.03	-0.08	0.00	0.00	0.03
	67	-3.38	1.10	-0.08	0.00	0.00	-0.01
	68	-3.36	1.41	-0.08	0.00	0.00	-0.02
	69	-3.38	-0.47	-0.08	0.00	0.00	-0.01
	70	-3.36	-0.17	-0.08	0.00	0.00	-0.02
	71	0.99	1.97	-0.08	0.00	0.00	0.02
	72	0.26	2.53	-0.08	0.00	0.00	0.00
	73	-0.30	1.69	-0.08	0.00	0.00	0.02
	74	-1.03	2.25	-0.08	0.00	0.00	0.01
	75	1.04	2.99	-0.08	0.00	0.00	-0.01
	76	0.31	3.55	-0.08	0.00	0.00	-0.03
	77	-0.25	2.71	-0.08	0.00	0.00	-0.01
	78	-0.98	3.27	-0.08	0.00	0.00	-0.02
	79	0.98	-3.27	-0.08	0.00	0.00	0.02
	80	0.25	-2.71	-0.08	0.00	0.00	0.01
	81	-0.31	-3.55	-0.08	0.00	0.00	0.03
	82	-1.04	-2.99	-0.08	0.00	0.00	0.01
	83	1.03	-2.25	-0.08	0.00	0.00	-0.01
	84	0.30	-1.69	-0.08	0.00	0.00	-0.02
	85	-0.26	-2.53	-0.08	0.00	0.00	-0.00
	86	-0.99	-1.97	-0.08	0.00	0.00	-0.02
203	1	0.09	0.00	-0.12	0.00	0.00	-0.00
	2	-0.25	-0.02	-0.12	0.00	0.00	0.00
	3	-0.02	0.52	-0.12	0.00	0.00	-0.00
	4	0.04	-0.53	-0.12	0.00	0.00	0.00
	5	0.15	0.00	-0.11	0.00	0.00	-0.00
	6	-0.41	-0.03	-0.11	0.00	0.00	0.00
	7	-0.04	0.87	-0.11	0.00	0.00	-0.00
	8	0.07	-0.88	-0.11	0.00	0.00	0.00
	9	4.08	0.70	-0.07	0.00	0.00	0.02
	10	4.10	0.83	-0.07	0.00	0.00	0.01
	11	4.07	-1.17	-0.07	0.00	0.00	0.03
	12	4.09	-1.04	-0.07	0.00	0.00	0.01
	13	1.13	1.74	-0.07	0.00	0.00	-0.03
	14	1.15	1.87	-0.07	0.00	0.00	-0.05
	15	1.12	-0.13	-0.07	0.00	0.00	-0.03
	16	1.14	0.00	-0.07	0.00	0.00	-0.04
	17	-1.14	-0.00	-0.07	0.00	0.00	0.04
	18	-1.12	0.13	-0.07	0.00	0.00	0.03
	19	-1.15	-1.87	-0.07	0.00	0.00	0.05
	20	-1.13	-1.74	-0.07	0.00	0.00	0.03
	21	-4.09	1.04	-0.07	0.00	0.00	-0.01
	22	-4.07	1.17	-0.07	0.00	0.00	-0.03
	23	-4.10	-0.83	-0.07	0.00	0.00	-0.01
	24	-4.08	-0.70	-0.07	0.00	0.00	-0.02
	25	1.20	2.84	-0.07	0.00	0.00	0.02
	26	0.32	3.15	-0.07	0.00	0.00	0.00
	27	-0.36	2.63	-0.07	0.00	0.00	0.03
	28	-1.25	2.94	-0.07	0.00	0.00	0.01
	29	1.26	3.27	-0.07	0.00	0.00	-0.02
	30	0.38	3.58	-0.07	0.00	0.00	-0.03
	31	-0.30	3.06	-0.07	0.00	0.00	-0.01
	32	-1.19	3.37	-0.07	0.00	0.00	-0.03
	33	1.19	-3.37	-0.07	0.00	0.00	0.03
	34	0.30	-3.06	-0.07	0.00	0.00	0.01
	35	-0.38	-3.58	-0.07	0.00	0.00	0.03
	36	-1.26	-3.27	-0.07	0.00	0.00	0.02
	37	1.25	-2.94	-0.07	0.00	0.00	-0.01
	38	0.36	-2.63	-0.07	0.00	0.00	-0.03
	39	-0.32	-3.15	-0.07	0.00	0.00	-0.00
	40	-1.20	-2.84	-0.07	0.00	0.00	-0.02
	41	0.06	0.00	-0.08	0.00	0.00	-0.00
	42	-0.16	-0.01	-0.08	0.00	0.00	0.00

	43	-0.02	0.35	-0.08	0.00	0.00	-0.00
	44	0.03	-0.35	-0.08	0.00	0.00	0.00
	45	0.10	0.00	-0.08	0.00	0.00	-0.00
	46	-0.27	-0.02	-0.08	0.00	0.00	0.00
	47	-0.03	0.58	-0.08	0.00	0.00	-0.00
	48	0.05	-0.59	-0.08	0.00	0.00	0.00
	49	0.00	-0.00	-0.07	0.00	0.00	0.00
	50	0.02	0.00	-0.07	0.00	0.00	-0.00
	51	-0.05	-0.00	-0.07	0.00	0.00	0.00
	52	-0.01	0.12	-0.07	0.00	0.00	-0.00
	53	0.01	-0.12	-0.07	0.00	0.00	0.00
	54	0.00	-0.00	-0.07	0.00	0.00	0.00
	55	3.36	0.58	-0.07	0.00	0.00	0.02
	56	3.38	0.68	-0.07	0.00	0.00	0.01
	57	3.36	-0.96	-0.07	0.00	0.00	0.02
	58	3.38	-0.85	-0.07	0.00	0.00	0.01
	59	0.93	1.43	-0.07	0.00	0.00	-0.03
	60	0.95	1.54	-0.07	0.00	0.00	-0.04
	61	0.93	-0.10	-0.07	0.00	0.00	-0.03
	62	0.94	0.00	-0.07	0.00	0.00	-0.04
	63	-0.94	-0.00	-0.07	0.00	0.00	0.04
	64	-0.93	0.10	-0.07	0.00	0.00	0.03
	65	-0.95	-1.54	-0.07	0.00	0.00	0.04
	66	-0.93	-1.43	-0.07	0.00	0.00	0.03
	67	-3.38	0.85	-0.07	0.00	0.00	-0.01
	68	-3.36	0.96	-0.07	0.00	0.00	-0.02
	69	-3.38	-0.68	-0.07	0.00	0.00	-0.01
	70	-3.36	-0.58	-0.07	0.00	0.00	-0.02
	71	0.99	2.34	-0.07	0.00	0.00	0.02
	72	0.26	2.60	-0.07	0.00	0.00	0.00
	73	-0.30	2.17	-0.07	0.00	0.00	0.02
	74	-1.03	2.43	-0.07	0.00	0.00	0.01
	75	1.04	2.70	-0.07	0.00	0.00	-0.01
	76	0.31	2.96	-0.07	0.00	0.00	-0.03
	77	-0.25	2.52	-0.07	0.00	0.00	-0.01
	78	-0.98	2.78	-0.07	0.00	0.00	-0.02
	79	0.98	-2.78	-0.07	0.00	0.00	0.02
	80	0.25	-2.52	-0.07	0.00	0.00	0.01
	81	-0.31	-2.96	-0.07	0.00	0.00	0.03
	82	-1.04	-2.70	-0.07	0.00	0.00	0.01
	83	1.03	-2.43	-0.07	0.00	0.00	-0.01
	84	0.30	-2.17	-0.07	0.00	0.00	-0.02
	85	-0.26	-2.60	-0.07	0.00	0.00	-0.00
	86	-0.99	-2.34	-0.07	0.00	0.00	-0.02
204	1	0.09	-0.00	-0.12	0.00	0.00	-0.00
	2	-0.25	0.00	-0.12	0.00	0.00	0.00
	3	-0.02	0.51	-0.12	0.00	0.00	-0.00
	4	0.04	-0.50	-0.12	0.00	0.00	0.00
	5	0.15	-0.00	-0.11	0.00	0.00	-0.00
	6	-0.41	0.01	-0.11	0.00	0.00	0.00
	7	-0.04	0.84	-0.11	0.00	0.00	-0.00
	8	0.07	-0.84	-0.11	0.00	0.00	0.00
	9	4.08	1.19	-0.08	0.00	0.00	0.02
	10	4.10	1.08	-0.08	0.00	0.00	0.01
	11	4.07	-0.63	-0.08	0.00	0.00	0.03
	12	4.09	-0.74	-0.08	0.00	0.00	0.01
	13	1.13	1.01	-0.08	0.00	0.00	-0.03
	14	1.15	0.90	-0.08	0.00	0.00	-0.05
	15	1.12	-0.81	-0.08	0.00	0.00	-0.03
	16	1.14	-0.92	-0.08	0.00	0.00	-0.04
	17	-1.14	0.92	-0.08	0.00	0.00	0.04
	18	-1.12	0.81	-0.08	0.00	0.00	0.03
	19	-1.15	-0.90	-0.08	0.00	0.00	0.05
	20	-1.13	-1.01	-0.08	0.00	0.00	0.03
	21	-4.09	0.74	-0.08	0.00	0.00	-0.01

	22	-4.07	0.63	-0.08	0.00	0.00	-0.03
	23	-4.10	-1.08	-0.08	0.00	0.00	-0.01
	24	-4.08	-1.19	-0.08	0.00	0.00	-0.02
	25	1.20	3.29	-0.08	0.00	0.00	0.02
	26	0.32	3.23	-0.08	0.00	0.00	0.00
	27	-0.36	3.21	-0.08	0.00	0.00	0.03
	28	-1.25	3.15	-0.08	0.00	0.00	0.01
	29	1.26	2.91	-0.08	0.00	0.00	-0.02
	30	0.38	2.86	-0.08	0.00	0.00	-0.03
	31	-0.30	2.83	-0.08	0.00	0.00	-0.01
	32	-1.19	2.78	-0.08	0.00	0.00	-0.03
	33	1.19	-2.78	-0.08	0.00	0.00	0.03
	34	0.30	-2.83	-0.08	0.00	0.00	0.01
	35	-0.38	-2.86	-0.08	0.00	0.00	0.03
	36	-1.26	-2.91	-0.08	0.00	0.00	0.02
	37	1.25	-3.15	-0.08	0.00	0.00	-0.01
	38	0.36	-3.21	-0.08	0.00	0.00	-0.03
	39	-0.32	-3.23	-0.08	0.00	0.00	-0.00
	40	-1.20	-3.29	-0.08	0.00	0.00	-0.02
	41	0.06	-0.00	-0.09	0.00	0.00	-0.00
	42	-0.16	0.00	-0.09	0.00	0.00	0.00
	43	-0.02	0.34	-0.09	0.00	0.00	-0.00
	44	0.03	-0.34	-0.09	0.00	0.00	0.00
	45	0.10	-0.00	-0.08	0.00	0.00	-0.00
	46	-0.27	0.00	-0.08	0.00	0.00	0.00
	47	-0.03	0.56	-0.08	0.00	0.00	-0.00
	48	0.05	-0.56	-0.08	0.00	0.00	0.00
	49	0.00	0.00	-0.08	0.00	0.00	0.00
	50	0.02	-0.00	-0.08	0.00	0.00	-0.00
	51	-0.05	0.00	-0.08	0.00	0.00	0.00
	52	-0.01	0.11	-0.08	0.00	0.00	-0.00
	53	0.01	-0.11	-0.08	0.00	0.00	0.00
	54	0.00	0.00	-0.08	0.00	0.00	0.00
	55	3.36	0.98	-0.08	0.00	0.00	0.02
	56	3.38	0.89	-0.08	0.00	0.00	0.01
	57	3.36	-0.52	-0.08	0.00	0.00	0.02
	58	3.38	-0.61	-0.08	0.00	0.00	0.01
	59	0.93	0.83	-0.08	0.00	0.00	-0.03
	60	0.95	0.74	-0.08	0.00	0.00	-0.04
	61	0.93	-0.67	-0.08	0.00	0.00	-0.03
	62	0.94	-0.76	-0.08	0.00	0.00	-0.04
	63	-0.94	0.76	-0.08	0.00	0.00	0.04
	64	-0.93	0.67	-0.08	0.00	0.00	0.03
	65	-0.95	-0.74	-0.08	0.00	0.00	0.04
	66	-0.93	-0.83	-0.08	0.00	0.00	0.03
	67	-3.38	0.61	-0.08	0.00	0.00	-0.01
	68	-3.36	0.52	-0.08	0.00	0.00	-0.02
	69	-3.38	-0.89	-0.08	0.00	0.00	-0.01
	70	-3.36	-0.98	-0.08	0.00	0.00	-0.02
	71	0.99	2.71	-0.08	0.00	0.00	0.02
	72	0.26	2.67	-0.08	0.00	0.00	0.00
	73	-0.30	2.65	-0.08	0.00	0.00	0.02
	74	-1.03	2.60	-0.08	0.00	0.00	0.01
	75	1.04	2.40	-0.08	0.00	0.00	-0.01
	76	0.31	2.36	-0.08	0.00	0.00	-0.03
	77	-0.25	2.34	-0.08	0.00	0.00	-0.01
	78	-0.98	2.29	-0.08	0.00	0.00	-0.02
	79	0.98	-2.29	-0.08	0.00	0.00	0.02
	80	0.25	-2.34	-0.08	0.00	0.00	0.01
	81	-0.31	-2.36	-0.08	0.00	0.00	0.03
	82	-1.04	-2.40	-0.08	0.00	0.00	0.01
	83	1.03	-2.60	-0.08	0.00	0.00	-0.01
	84	0.30	-2.65	-0.08	0.00	0.00	-0.02
	85	-0.26	-2.67	-0.08	0.00	0.00	-0.00
	86	-0.99	-2.71	-0.08	0.00	0.00	-0.02

205	1	0.09	-0.00	-0.12	0.00	0.00	-0.00
	2	-0.25	0.02	-0.12	0.00	0.00	0.00
	3	-0.02	0.49	-0.12	0.00	0.00	-0.00
	4	0.04	-0.48	-0.12	0.00	0.00	0.00
	5	0.15	-0.00	-0.11	0.00	0.00	-0.00
	6	-0.41	0.04	-0.11	0.00	0.00	0.00
	7	-0.04	0.82	-0.11	0.00	0.00	-0.00
	8	0.07	-0.80	-0.11	0.00	0.00	0.00
	9	4.08	1.69	-0.08	0.00	0.00	0.02
	10	4.10	1.33	-0.08	0.00	0.00	0.01
	11	4.07	-0.09	-0.08	0.00	0.00	0.03
	12	4.09	-0.44	-0.08	0.00	0.00	0.01
	13	1.13	0.28	-0.08	0.00	0.00	-0.03
	14	1.15	-0.07	-0.08	0.00	0.00	-0.05
	15	1.12	-1.49	-0.08	0.00	0.00	-0.03
	16	1.14	-1.85	-0.08	0.00	0.00	-0.04
	17	-1.14	1.85	-0.08	0.00	0.00	0.04
	18	-1.12	1.49	-0.08	0.00	0.00	0.03
	19	-1.15	0.07	-0.08	0.00	0.00	0.05
	20	-1.13	-0.28	-0.08	0.00	0.00	0.03
	21	-4.09	0.44	-0.08	0.00	0.00	-0.01
	22	-4.07	0.09	-0.08	0.00	0.00	-0.03
	23	-4.10	-1.33	-0.08	0.00	0.00	-0.01
	24	-4.08	-1.69	-0.08	0.00	0.00	-0.02
	25	1.20	3.74	-0.08	0.00	0.00	0.02
	26	0.32	3.32	-0.08	0.00	0.00	0.00
	27	-0.36	3.79	-0.08	0.00	0.00	0.03
	28	-1.25	3.36	-0.08	0.00	0.00	0.01
	29	1.26	2.56	-0.08	0.00	0.00	-0.02
	30	0.38	2.13	-0.08	0.00	0.00	-0.03
	31	-0.30	2.60	-0.08	0.00	0.00	-0.01
	32	-1.19	2.18	-0.08	0.00	0.00	-0.03
	33	1.19	-2.18	-0.08	0.00	0.00	0.03
	34	0.30	-2.60	-0.08	0.00	0.00	0.01
	35	-0.38	-2.13	-0.08	0.00	0.00	0.03
	36	-1.26	-2.56	-0.08	0.00	0.00	0.02
	37	1.25	-3.36	-0.08	0.00	0.00	-0.01
	38	0.36	-3.79	-0.08	0.00	0.00	-0.03
	39	-0.32	-3.32	-0.08	0.00	0.00	-0.00
	40	-1.20	-3.74	-0.08	0.00	0.00	-0.02
	41	0.06	-0.00	-0.09	0.00	0.00	-0.00
	42	-0.16	0.02	-0.09	0.00	0.00	0.00
	43	-0.02	0.33	-0.09	0.00	0.00	-0.00
	44	0.03	-0.32	-0.09	0.00	0.00	0.00
	45	0.10	-0.00	-0.08	0.00	0.00	-0.00
	46	-0.27	0.03	-0.08	0.00	0.00	0.00
	47	-0.03	0.55	-0.08	0.00	0.00	-0.00
	48	0.05	-0.53	-0.08	0.00	0.00	0.00
	49	0.00	0.00	-0.08	0.00	0.00	0.00
	50	0.02	-0.00	-0.08	0.00	0.00	-0.00
	51	-0.05	0.01	-0.08	0.00	0.00	0.00
	52	-0.01	0.11	-0.08	0.00	0.00	-0.00
	53	0.01	-0.11	-0.08	0.00	0.00	0.00
	54	0.00	0.00	-0.08	0.00	0.00	0.00
	55	3.36	1.39	-0.08	0.00	0.00	0.02
	56	3.38	1.10	-0.08	0.00	0.00	0.01
	57	3.36	-0.07	-0.08	0.00	0.00	0.02
	58	3.38	-0.37	-0.08	0.00	0.00	0.01
	59	0.93	0.23	-0.08	0.00	0.00	-0.03
	60	0.95	-0.06	-0.08	0.00	0.00	-0.04
	61	0.93	-1.23	-0.08	0.00	0.00	-0.03
	62	0.94	-1.52	-0.08	0.00	0.00	-0.04
	63	-0.94	1.52	-0.08	0.00	0.00	0.04
	64	-0.93	1.23	-0.08	0.00	0.00	0.03
	65	-0.95	0.06	-0.08	0.00	0.00	0.04

	66	-0.93	-0.23	-0.08	0.00	0.00	0.03
	67	-3.38	0.37	-0.08	0.00	0.00	-0.01
	68	-3.36	0.07	-0.08	0.00	0.00	-0.02
	69	-3.38	-1.10	-0.08	0.00	0.00	-0.01
	70	-3.36	-1.39	-0.08	0.00	0.00	-0.02
	71	0.99	3.08	-0.08	0.00	0.00	0.02
	72	0.26	2.74	-0.08	0.00	0.00	0.00
	73	-0.30	3.12	-0.08	0.00	0.00	0.02
	74	-1.03	2.78	-0.08	0.00	0.00	0.01
	75	1.04	2.11	-0.08	0.00	0.00	-0.01
	76	0.31	1.76	-0.08	0.00	0.00	-0.03
	77	-0.25	2.15	-0.08	0.00	0.00	-0.01
	78	-0.98	1.80	-0.08	0.00	0.00	-0.02
	79	0.98	-1.80	-0.08	0.00	0.00	0.02
	80	0.25	-2.15	-0.08	0.00	0.00	0.01
	81	-0.31	-1.76	-0.08	0.00	0.00	0.03
	82	-1.04	-2.11	-0.08	0.00	0.00	0.01
	83	1.03	-2.78	-0.08	0.00	0.00	-0.01
	84	0.30	-3.12	-0.08	0.00	0.00	-0.02
	85	-0.26	-2.74	-0.08	0.00	0.00	-0.00
	86	-0.99	-3.08	-0.08	0.00	0.00	-0.02
206	1	0.09	-0.00	-0.06	0.00	0.00	-0.00
	2	-0.25	0.04	-0.06	0.00	0.00	0.00
	3	-0.02	0.48	-0.06	0.00	0.00	-0.00
	4	0.04	-0.45	-0.06	0.00	0.00	0.00
	5	0.15	-0.00	-0.06	0.00	0.00	-0.00
	6	-0.41	0.07	-0.06	0.00	0.00	0.00
	7	-0.04	0.80	-0.06	0.00	0.00	-0.00
	8	0.07	-0.75	-0.06	0.00	0.00	0.00
	9	4.08	2.18	-0.04	0.00	0.00	0.02
	10	4.10	1.59	-0.04	0.00	0.00	0.01
	11	4.07	0.45	-0.04	0.00	0.00	0.03
	12	4.09	-0.15	-0.04	0.00	0.00	0.01
	13	1.13	-0.44	-0.04	0.00	0.00	-0.03
	14	1.15	-1.04	-0.04	0.00	0.00	-0.05
	15	1.12	-2.18	-0.04	0.00	0.00	-0.03
	16	1.14	-2.77	-0.04	0.00	0.00	-0.04
	17	-1.14	2.77	-0.04	0.00	0.00	0.04
	18	-1.12	2.18	-0.04	0.00	0.00	0.03
	19	-1.15	1.04	-0.04	0.00	0.00	0.05
	20	-1.13	0.44	-0.04	0.00	0.00	0.03
	21	-4.09	0.15	-0.04	0.00	0.00	-0.01
	22	-4.07	-0.45	-0.04	0.00	0.00	-0.03
	23	-4.10	-1.59	-0.04	0.00	0.00	-0.01
	24	-4.08	-2.18	-0.04	0.00	0.00	-0.02
	25	1.20	4.19	-0.04	0.00	0.00	0.02
	26	0.32	3.40	-0.04	0.00	0.00	0.00
	27	-0.36	4.36	-0.04	0.00	0.00	0.03
	28	-1.25	3.58	-0.04	0.00	0.00	0.01
	29	1.26	2.20	-0.04	0.00	0.00	-0.02
	30	0.38	1.41	-0.04	0.00	0.00	-0.03
	31	-0.30	2.38	-0.04	0.00	0.00	-0.01
	32	-1.19	1.59	-0.04	0.00	0.00	-0.03
	33	1.19	-1.59	-0.04	0.00	0.00	0.03
	34	0.30	-2.38	-0.04	0.00	0.00	0.01
	35	-0.38	-1.41	-0.04	0.00	0.00	0.03
	36	-1.26	-2.20	-0.04	0.00	0.00	0.02
	37	1.25	-3.58	-0.04	0.00	0.00	-0.01
	38	0.36	-4.36	-0.04	0.00	0.00	-0.03
	39	-0.32	-3.40	-0.04	0.00	0.00	-0.00
	40	-1.20	-4.19	-0.04	0.00	0.00	-0.02
	41	0.06	-0.00	-0.05	0.00	0.00	-0.00
	42	-0.16	0.03	-0.05	0.00	0.00	0.00
	43	-0.02	0.32	-0.05	0.00	0.00	-0.00
	44	0.03	-0.30	-0.05	0.00	0.00	0.00

	45	0.10	-0.00	-0.04	0.00	0.00	-0.00
	46	-0.27	0.05	-0.04	0.00	0.00	0.00
	47	-0.03	0.53	-0.04	0.00	0.00	-0.00
	48	0.05	-0.50	-0.04	0.00	0.00	0.00
	49	0.00	0.00	-0.04	0.00	0.00	0.00
	50	0.02	-0.00	-0.04	0.00	0.00	-0.00
	51	-0.05	0.01	-0.04	0.00	0.00	0.00
	52	-0.01	0.11	-0.04	0.00	0.00	-0.00
	53	0.01	-0.10	-0.04	0.00	0.00	0.00
	54	0.00	0.00	-0.04	0.00	0.00	0.00
	55	3.36	1.80	-0.04	0.00	0.00	0.02
	56	3.38	1.31	-0.04	0.00	0.00	0.01
	57	3.36	0.37	-0.04	0.00	0.00	0.02
	58	3.38	-0.12	-0.04	0.00	0.00	0.01
	59	0.93	-0.37	-0.04	0.00	0.00	-0.03
	60	0.95	-0.86	-0.04	0.00	0.00	-0.04
	61	0.93	-1.80	-0.04	0.00	0.00	-0.03
	62	0.94	-2.29	-0.04	0.00	0.00	-0.04
	63	-0.94	2.29	-0.04	0.00	0.00	0.04
	64	-0.93	1.80	-0.04	0.00	0.00	0.03
	65	-0.95	0.86	-0.04	0.00	0.00	0.04
	66	-0.93	0.37	-0.04	0.00	0.00	0.03
	67	-3.38	0.12	-0.04	0.00	0.00	-0.01
	68	-3.36	-0.37	-0.04	0.00	0.00	-0.02
	69	-3.38	-1.31	-0.04	0.00	0.00	-0.01
	70	-3.36	-1.80	-0.04	0.00	0.00	-0.02
	71	0.99	3.45	-0.04	0.00	0.00	0.02
	72	0.26	2.80	-0.04	0.00	0.00	0.00
	73	-0.30	3.60	-0.04	0.00	0.00	0.02
	74	-1.03	2.95	-0.04	0.00	0.00	0.01
	75	1.04	1.81	-0.04	0.00	0.00	-0.01
	76	0.31	1.16	-0.04	0.00	0.00	-0.03
	77	-0.25	1.96	-0.04	0.00	0.00	-0.01
	78	-0.98	1.31	-0.04	0.00	0.00	-0.02
	79	0.98	-1.31	-0.04	0.00	0.00	0.02
	80	0.25	-1.96	-0.04	0.00	0.00	0.01
	81	-0.31	-1.16	-0.04	0.00	0.00	0.03
	82	-1.04	-1.81	-0.04	0.00	0.00	0.01
	83	1.03	-2.95	-0.04	0.00	0.00	-0.01
	84	0.30	-3.60	-0.04	0.00	0.00	-0.02
	85	-0.26	-2.80	-0.04	0.00	0.00	-0.00
	86	-0.99	-3.45	-0.04	0.00	0.00	-0.02
207	1	0.09	0.00	-0.55	0.00	0.07	-0.00
	2	-0.25	-0.05	-0.55	0.00	0.07	0.00
	3	-0.02	0.54	-0.55	0.00	0.07	-0.00
	4	0.04	-0.57	-0.55	0.00	0.07	0.00
	5	0.15	0.00	-0.51	0.00	0.06	-0.00
	6	-0.41	-0.08	-0.51	0.00	0.06	0.00
	7	-0.04	0.91	-0.51	0.00	0.06	-0.00
	8	0.07	-0.96	-0.51	0.00	0.06	0.00
	9	4.08	-0.13	-0.35	0.00	0.04	0.02
	10	4.10	0.41	-0.35	0.00	0.04	0.01
	11	4.07	-2.06	-0.35	0.00	0.04	0.03
	12	4.09	-1.53	-0.35	0.00	0.04	0.01
	13	1.13	2.95	-0.35	0.00	0.04	-0.03
	14	1.15	3.48	-0.35	0.00	0.04	-0.05
	15	1.12	1.01	-0.35	0.00	0.04	-0.03
	16	1.14	1.55	-0.35	0.00	0.04	-0.04
	17	-1.14	-1.55	-0.35	0.00	0.04	0.04
	18	-1.12	-1.01	-0.35	0.00	0.04	0.03
	19	-1.15	-3.48	-0.35	0.00	0.04	0.05
	20	-1.13	-2.95	-0.35	0.00	0.04	0.03
	21	-4.09	1.53	-0.35	0.00	0.04	-0.01
	22	-4.07	2.06	-0.34	0.00	0.04	-0.03
	23	-4.10	-0.41	-0.35	0.00	0.04	-0.01

	24	-4.08	0.13	-0.34	0.00	0.04	-0.02
	25	1.20	2.09	-0.35	0.00	0.04	0.02
	26	0.32	3.01	-0.35	0.00	0.04	0.00
	27	-0.36	1.66	-0.35	0.00	0.04	0.03
	28	-1.25	2.59	-0.35	0.00	0.04	0.01
	29	1.26	3.87	-0.35	0.00	0.04	-0.02
	30	0.38	4.79	-0.35	0.00	0.04	-0.03
	31	-0.30	3.44	-0.35	0.00	0.04	-0.01
	32	-1.19	4.36	-0.35	0.00	0.04	-0.03
	33	1.19	-4.36	-0.35	0.00	0.04	0.03
	34	0.30	-3.44	-0.35	0.00	0.04	0.01
	35	-0.38	-4.79	-0.35	0.00	0.04	0.03
	36	-1.26	-3.87	-0.35	0.00	0.04	0.02
	37	1.25	-2.59	-0.35	0.00	0.04	-0.01
	38	0.36	-1.66	-0.35	0.00	0.04	-0.03
	39	-0.32	-3.01	-0.35	0.00	0.04	-0.00
	40	-1.20	-2.09	-0.35	0.00	0.04	-0.02
	41	0.06	0.00	-0.41	0.00	0.05	-0.00
	42	-0.16	-0.03	-0.41	0.00	0.05	0.00
	43	-0.02	0.36	-0.41	0.00	0.05	-0.00
	44	0.03	-0.38	-0.41	0.00	0.05	0.00
	45	0.10	0.00	-0.38	0.00	0.05	-0.00
	46	-0.27	-0.05	-0.38	0.00	0.05	0.00
	47	-0.03	0.61	-0.38	0.00	0.05	-0.00
	48	0.05	-0.64	-0.38	0.00	0.05	0.00
	49	0.00	-0.00	-0.36	0.00	0.04	0.00
	50	0.02	0.00	-0.35	0.00	0.04	-0.00
	51	-0.05	-0.01	-0.35	0.00	0.04	0.00
	52	-0.01	0.12	-0.35	0.00	0.04	-0.00
	53	0.01	-0.13	-0.35	0.00	0.04	0.00
	54	0.00	-0.00	-0.35	0.00	0.04	0.00
	55	3.36	-0.11	-0.35	0.00	0.04	0.02
	56	3.38	0.33	-0.35	0.00	0.04	0.01
	57	3.36	-1.70	-0.35	0.00	0.04	0.02
	58	3.38	-1.26	-0.35	0.00	0.04	0.01
	59	0.93	2.43	-0.35	0.00	0.04	-0.03
	60	0.95	2.87	-0.35	0.00	0.04	-0.04
	61	0.93	0.84	-0.35	0.00	0.04	-0.03
	62	0.94	1.28	-0.35	0.00	0.04	-0.04
	63	-0.94	-1.28	-0.35	0.00	0.04	0.04
	64	-0.93	-0.84	-0.35	0.00	0.04	0.03
	65	-0.95	-2.87	-0.35	0.00	0.04	0.04
	66	-0.93	-2.43	-0.35	0.00	0.04	0.03
	67	-3.38	1.26	-0.35	0.00	0.04	-0.01
	68	-3.36	1.70	-0.35	0.00	0.04	-0.02
	69	-3.38	-0.33	-0.35	0.00	0.04	-0.01
	70	-3.36	0.11	-0.35	0.00	0.04	-0.02
	71	0.99	1.72	-0.35	0.00	0.04	0.02
	72	0.26	2.48	-0.35	0.00	0.04	0.00
	73	-0.30	1.37	-0.35	0.00	0.04	0.02
	74	-1.03	2.13	-0.35	0.00	0.04	0.01
	75	1.04	3.19	-0.35	0.00	0.04	-0.01
	76	0.31	3.95	-0.35	0.00	0.04	-0.03
	77	-0.25	2.84	-0.35	0.00	0.04	-0.01
	78	-0.98	3.60	-0.35	0.00	0.04	-0.02
	79	0.98	-3.60	-0.35	0.00	0.04	0.02
	80	0.25	-2.84	-0.35	0.00	0.04	0.01
	81	-0.31	-3.95	-0.35	0.00	0.04	0.03
	82	-1.04	-3.19	-0.35	0.00	0.04	0.01
	83	1.03	-2.13	-0.35	0.00	0.04	-0.01
	84	0.30	-1.37	-0.35	0.00	0.04	-0.02
	85	-0.26	-2.48	-0.35	0.00	0.04	-0.00
	86	-0.99	-1.72	-0.35	0.00	0.04	-0.02
208	1	0.09	0.00	-0.50	0.00	-0.08	-0.00
	2	-0.25	-0.04	-0.50	0.00	-0.08	0.00

	3	-0.02	0.54	-0.50	0.00	-0.08	-0.00
	4	0.04	-0.56	-0.50	0.00	-0.08	0.00
	5	0.15	0.00	-0.45	0.00	-0.07	-0.00
	6	-0.41	-0.06	-0.45	0.00	-0.07	0.00
	7	-0.04	0.90	-0.45	0.00	-0.07	-0.00
	8	0.07	-0.94	-0.45	0.00	-0.07	0.00
	9	4.08	0.08	-0.30	0.00	-0.05	0.02
	10	4.10	0.51	-0.30	0.00	-0.05	0.01
	11	4.07	-1.84	-0.30	0.00	-0.05	0.03
	12	4.09	-1.41	-0.30	0.00	-0.05	0.01
	13	1.13	2.65	-0.30	0.00	-0.05	-0.03
	14	1.15	3.08	-0.30	0.00	-0.05	-0.05
	15	1.12	0.73	-0.30	0.00	-0.05	-0.03
	16	1.14	1.16	-0.30	0.00	-0.05	-0.04
	17	-1.14	-1.16	-0.30	0.00	-0.05	0.04
	18	-1.12	-0.73	-0.30	0.00	-0.05	0.03
	19	-1.15	-3.08	-0.30	0.00	-0.05	0.05
	20	-1.13	-2.65	-0.30	0.00	-0.05	0.03
	21	-4.09	1.41	-0.30	0.00	-0.05	-0.01
	22	-4.07	1.84	-0.30	0.00	-0.05	-0.03
	23	-4.10	-0.51	-0.30	0.00	-0.05	-0.01
	24	-4.08	-0.08	-0.30	0.00	-0.05	-0.02
	25	1.20	2.28	-0.30	0.00	-0.05	0.02
	26	0.32	3.05	-0.30	0.00	-0.05	0.00
	27	-0.36	1.90	-0.30	0.00	-0.05	0.03
	28	-1.25	2.67	-0.30	0.00	-0.05	0.01
	29	1.26	3.72	-0.30	0.00	-0.05	-0.02
	30	0.38	4.49	-0.30	0.00	-0.05	-0.03
	31	-0.30	3.35	-0.30	0.00	-0.05	-0.01
	32	-1.19	4.12	-0.30	0.00	-0.05	-0.03
	33	1.19	-4.12	-0.30	0.00	-0.05	0.03
	34	0.30	-3.35	-0.30	0.00	-0.05	0.01
	35	-0.38	-4.49	-0.30	0.00	-0.05	0.03
	36	-1.26	-3.72	-0.30	0.00	-0.05	0.02
	37	1.25	-2.67	-0.30	0.00	-0.05	-0.01
	38	0.36	-1.90	-0.30	0.00	-0.05	-0.03
	39	-0.32	-3.05	-0.30	0.00	-0.05	-0.00
	40	-1.20	-2.28	-0.30	0.00	-0.05	-0.02
	41	0.06	0.00	-0.37	0.00	-0.06	-0.00
	42	-0.16	-0.03	-0.37	0.00	-0.06	0.00
	43	-0.02	0.36	-0.37	0.00	-0.06	-0.00
	44	0.03	-0.38	-0.37	0.00	-0.06	0.00
	45	0.10	0.00	-0.34	0.00	-0.05	-0.00
	46	-0.27	-0.04	-0.34	0.00	-0.05	0.00
	47	-0.03	0.60	-0.34	0.00	-0.05	-0.00
	48	0.05	-0.63	-0.34	0.00	-0.05	0.00
	49	0.00	-0.00	-0.32	0.00	-0.05	0.00
	50	0.02	0.00	-0.30	0.00	-0.05	-0.00
	51	-0.05	-0.01	-0.30	0.00	-0.05	0.00
	52	-0.01	0.12	-0.30	0.00	-0.05	-0.00
	53	0.01	-0.13	-0.30	0.00	-0.05	0.00
	54	0.00	-0.00	-0.30	0.00	-0.05	0.00
	55	3.36	0.06	-0.30	0.00	-0.05	0.02
	56	3.38	0.42	-0.30	0.00	-0.05	0.01
	57	3.36	-1.52	-0.30	0.00	-0.05	0.02
	58	3.38	-1.16	-0.30	0.00	-0.05	0.01
	59	0.93	2.18	-0.30	0.00	-0.05	-0.03
	60	0.95	2.54	-0.30	0.00	-0.05	-0.04
	61	0.93	0.60	-0.30	0.00	-0.05	-0.03
	62	0.94	0.96	-0.30	0.00	-0.05	-0.04
	63	-0.94	-0.96	-0.30	0.00	-0.05	0.04
	64	-0.93	-0.60	-0.30	0.00	-0.05	0.03
	65	-0.95	-2.54	-0.30	0.00	-0.05	0.04
	66	-0.93	-2.18	-0.30	0.00	-0.05	0.03
	67	-3.38	1.16	-0.30	0.00	-0.05	-0.01

	68	-3.36	1.52	-0.30	0.00	-0.05	-0.02
	69	-3.38	-0.42	-0.30	0.00	-0.05	-0.01
	70	-3.36	-0.06	-0.30	0.00	-0.05	-0.02
	71	0.99	1.88	-0.30	0.00	-0.05	0.02
	72	0.26	2.51	-0.30	0.00	-0.05	0.00
	73	-0.30	1.57	-0.30	0.00	-0.05	0.02
	74	-1.03	2.21	-0.30	0.00	-0.05	0.01
	75	1.04	3.07	-0.30	0.00	-0.05	-0.01
	76	0.31	3.70	-0.30	0.00	-0.05	-0.03
	77	-0.25	2.76	-0.30	0.00	-0.05	-0.01
	78	-0.98	3.40	-0.30	0.00	-0.05	-0.02
	79	0.98	-3.40	-0.30	0.00	-0.05	0.02
	80	0.25	-2.76	-0.30	0.00	-0.05	0.01
	81	-0.31	-3.70	-0.30	0.00	-0.05	0.03
	82	-1.04	-3.07	-0.30	0.00	-0.05	0.01
	83	1.03	-2.21	-0.30	0.00	-0.05	-0.01
	84	0.30	-1.57	-0.30	0.00	-0.05	-0.02
	85	-0.26	-2.51	-0.30	0.00	-0.05	-0.00
	86	-0.99	-1.88	-0.30	0.00	-0.05	-0.02
209	1	0.09	0.00	-0.47	0.00	0.14	-0.00
	2	-0.25	-0.03	-0.47	0.00	0.14	0.00
	3	-0.02	0.53	-0.47	0.00	0.14	-0.00
	4	0.04	-0.55	-0.47	0.00	0.14	0.00
	5	0.15	0.00	-0.43	0.00	0.13	-0.00
	6	-0.41	-0.05	-0.43	0.00	0.13	0.00
	7	-0.04	0.89	-0.43	0.00	0.13	-0.00
	8	0.07	-0.92	-0.43	0.00	0.13	0.00
	9	4.08	0.28	-0.28	0.00	0.09	0.02
	10	4.10	0.62	-0.28	0.00	0.09	0.01
	11	4.07	-1.61	-0.28	0.00	0.09	0.03
	12	4.09	-1.28	-0.28	0.00	0.09	0.01
	13	1.13	2.34	-0.28	0.00	0.09	-0.03
	14	1.15	2.67	-0.28	0.00	0.09	-0.05
	15	1.12	0.44	-0.28	0.00	0.09	-0.03
	16	1.14	0.77	-0.28	0.00	0.09	-0.04
	17	-1.14	-0.77	-0.28	0.00	0.09	0.04
	18	-1.12	-0.44	-0.28	0.00	0.09	0.03
	19	-1.15	-2.67	-0.28	0.00	0.09	0.05
	20	-1.13	-2.34	-0.28	0.00	0.09	0.03
	21	-4.09	1.28	-0.28	0.00	0.09	-0.01
	22	-4.07	1.61	-0.28	0.00	0.09	-0.03
	23	-4.10	-0.62	-0.28	0.00	0.09	-0.01
	24	-4.08	-0.28	-0.28	0.00	0.09	-0.02
	25	1.20	2.46	-0.28	0.00	0.09	0.02
	26	0.32	3.08	-0.28	0.00	0.09	0.00
	27	-0.36	2.15	-0.28	0.00	0.09	0.03
	28	-1.25	2.76	-0.28	0.00	0.09	0.01
	29	1.26	3.57	-0.28	0.00	0.09	-0.02
	30	0.38	4.19	-0.28	0.00	0.09	-0.03
	31	-0.30	3.25	-0.28	0.00	0.09	-0.01
	32	-1.19	3.87	-0.28	0.00	0.09	-0.03
	33	1.19	-3.87	-0.28	0.00	0.09	0.03
	34	0.30	-3.25	-0.28	0.00	0.09	0.01
	35	-0.38	-4.19	-0.28	0.00	0.09	0.03
	36	-1.26	-3.57	-0.28	0.00	0.09	0.02
	37	1.25	-2.76	-0.28	0.00	0.09	-0.01
	38	0.36	-2.15	-0.28	0.00	0.09	-0.03
	39	-0.32	-3.08	-0.28	0.00	0.09	-0.00
	40	-1.20	-2.46	-0.28	0.00	0.09	-0.02
	41	0.06	0.00	-0.34	0.00	0.11	-0.00
	42	-0.16	-0.02	-0.34	0.00	0.11	0.00
	43	-0.02	0.36	-0.34	0.00	0.11	-0.00
	44	0.03	-0.37	-0.34	0.00	0.11	0.00
	45	0.10	0.00	-0.31	0.00	0.10	-0.00
	46	-0.27	-0.03	-0.31	0.00	0.10	0.00

	47	-0.03	0.59	-0.31	0.00	0.10	-0.00
	48	0.05	-0.61	-0.31	0.00	0.10	0.00
	49	0.00	-0.00	-0.30	0.00	0.09	0.00
	50	0.02	0.00	-0.28	0.00	0.09	-0.00
	51	-0.05	-0.01	-0.28	0.00	0.09	0.00
	52	-0.01	0.12	-0.28	0.00	0.09	-0.00
	53	0.01	-0.12	-0.28	0.00	0.09	0.00
	54	0.00	-0.00	-0.28	0.00	0.09	0.00
	55	3.36	0.23	-0.28	0.00	0.09	0.02
	56	3.38	0.51	-0.28	0.00	0.09	0.01
	57	3.36	-1.33	-0.28	0.00	0.09	0.02
	58	3.38	-1.06	-0.28	0.00	0.09	0.01
	59	0.93	1.93	-0.28	0.00	0.09	-0.03
	60	0.95	2.21	-0.28	0.00	0.09	-0.04
	61	0.93	0.37	-0.28	0.00	0.09	-0.03
	62	0.94	0.64	-0.28	0.00	0.09	-0.04
	63	-0.94	-0.64	-0.28	0.00	0.09	0.04
	64	-0.93	-0.37	-0.28	0.00	0.09	0.03
	65	-0.95	-2.21	-0.28	0.00	0.09	0.04
	66	-0.93	-1.93	-0.28	0.00	0.09	0.03
	67	-3.38	1.06	-0.28	0.00	0.09	-0.01
	68	-3.36	1.33	-0.28	0.00	0.09	-0.02
	69	-3.38	-0.51	-0.28	0.00	0.09	-0.01
	70	-3.36	-0.23	-0.28	0.00	0.09	-0.02
	71	0.99	2.03	-0.28	0.00	0.09	0.02
	72	0.26	2.54	-0.28	0.00	0.09	0.00
	73	-0.30	1.77	-0.28	0.00	0.09	0.02
	74	-1.03	2.28	-0.28	0.00	0.09	0.01
	75	1.04	2.94	-0.28	0.00	0.09	-0.01
	76	0.31	3.45	-0.28	0.00	0.09	-0.03
	77	-0.25	2.68	-0.28	0.00	0.09	-0.01
	78	-0.98	3.19	-0.28	0.00	0.09	-0.02
	79	0.98	-3.19	-0.28	0.00	0.09	0.02
	80	0.25	-2.68	-0.28	0.00	0.09	0.01
	81	-0.31	-3.45	-0.28	0.00	0.09	0.03
	82	-1.04	-2.94	-0.28	0.00	0.09	0.01
	83	1.03	-2.28	-0.28	0.00	0.09	-0.01
	84	0.30	-1.77	-0.28	0.00	0.09	-0.02
	85	-0.26	-2.54	-0.28	0.00	0.09	-0.00
	86	-0.99	-2.03	-0.28	0.00	0.09	-0.02
210	1	0.09	0.00	-1.43	0.00	-0.01	-0.00
	2	-0.25	-0.02	-1.43	0.00	-0.01	0.00
	3	-0.02	0.53	-1.43	0.00	-0.01	-0.00
	4	0.04	-0.54	-1.43	0.00	-0.01	0.00
	5	0.15	0.00	-1.29	0.00	-0.01	-0.00
	6	-0.41	-0.04	-1.29	0.00	-0.01	0.00
	7	-0.04	0.88	-1.29	0.00	-0.01	-0.00
	8	0.07	-0.90	-1.29	0.00	-0.01	0.00
	9	4.08	0.49	-0.85	0.00	-0.01	0.02
	10	4.10	0.72	-0.85	0.00	-0.01	0.01
	11	4.07	-1.39	-0.85	0.00	-0.01	0.03
	12	4.09	-1.16	-0.85	0.00	-0.01	0.01
	13	1.13	2.04	-0.85	0.00	-0.01	-0.03
	14	1.15	2.27	-0.85	0.00	-0.01	-0.05
	15	1.12	0.16	-0.85	0.00	-0.01	-0.03
	16	1.14	0.39	-0.85	0.00	-0.01	-0.04
	17	-1.14	-0.39	-0.85	0.00	-0.01	0.04
	18	-1.12	-0.16	-0.85	0.00	-0.01	0.03
	19	-1.15	-2.27	-0.85	0.00	-0.01	0.05
	20	-1.13	-2.04	-0.85	0.00	-0.01	0.03
	21	-4.09	1.16	-0.85	0.00	-0.01	-0.01
	22	-4.07	1.39	-0.85	0.00	-0.01	-0.03
	23	-4.10	-0.72	-0.85	0.00	-0.01	-0.01
	24	-4.08	-0.49	-0.85	0.00	-0.01	-0.02
	25	1.20	2.65	-0.85	0.00	-0.01	0.02

	26	0.32	3.12	-0.85	0.00	-0.01	0.00
	27	-0.36	2.39	-0.85	0.00	-0.01	0.03
	28	-1.25	2.85	-0.85	0.00	-0.01	0.01
	29	1.26	3.42	-0.85	0.00	-0.01	-0.02
	30	0.38	3.88	-0.85	0.00	-0.01	-0.03
	31	-0.30	3.16	-0.85	0.00	-0.01	-0.01
	32	-1.19	3.62	-0.85	0.00	-0.01	-0.03
	33	1.19	-3.62	-0.85	0.00	-0.01	0.03
	34	0.30	-3.16	-0.85	0.00	-0.01	0.01
	35	-0.38	-3.88	-0.85	0.00	-0.01	0.03
	36	-1.26	-3.42	-0.85	0.00	-0.01	0.02
	37	1.25	-2.85	-0.85	0.00	-0.01	-0.01
	38	0.36	-2.39	-0.85	0.00	-0.01	-0.03
	39	-0.32	-3.12	-0.85	0.00	-0.01	-0.00
	40	-1.20	-2.65	-0.85	0.00	-0.01	-0.02
	41	0.06	0.00	-1.05	0.00	-0.01	-0.00
	42	-0.16	-0.02	-1.05	0.00	-0.01	0.00
	43	-0.02	0.35	-1.05	0.00	-0.01	-0.00
	44	0.03	-0.36	-1.05	0.00	-0.01	0.00
	45	0.10	0.00	-0.95	0.00	-0.01	-0.00
	46	-0.27	-0.03	-0.95	0.00	-0.01	0.00
	47	-0.03	0.59	-0.95	0.00	-0.01	-0.00
	48	0.05	-0.60	-0.95	0.00	-0.01	0.00
	49	0.00	-0.00	-0.89	0.00	-0.01	0.00
	50	0.02	0.00	-0.85	0.00	-0.01	-0.00
	51	-0.05	-0.01	-0.85	0.00	-0.01	0.00
	52	-0.01	0.12	-0.85	0.00	-0.01	-0.00
	53	0.01	-0.12	-0.85	0.00	-0.01	0.00
	54	0.00	-0.00	-0.85	0.00	-0.01	0.00
	55	3.36	0.41	-0.85	0.00	-0.01	0.02
	56	3.38	0.60	-0.85	0.00	-0.01	0.01
	57	3.36	-1.15	-0.85	0.00	-0.01	0.02
	58	3.38	-0.96	-0.85	0.00	-0.01	0.01
	59	0.93	1.68	-0.85	0.00	-0.01	-0.03
	60	0.95	1.87	-0.85	0.00	-0.01	-0.04
	61	0.93	0.13	-0.85	0.00	-0.01	-0.03
	62	0.94	0.32	-0.85	0.00	-0.01	-0.04
	63	-0.94	-0.32	-0.85	0.00	-0.01	0.04
	64	-0.93	-0.13	-0.85	0.00	-0.01	0.03
	65	-0.95	-1.87	-0.85	0.00	-0.01	0.04
	66	-0.93	-1.68	-0.85	0.00	-0.01	0.03
	67	-3.38	0.96	-0.85	0.00	-0.01	-0.01
	68	-3.36	1.15	-0.85	0.00	-0.01	-0.02
	69	-3.38	-0.60	-0.85	0.00	-0.01	-0.01
	70	-3.36	-0.41	-0.85	0.00	-0.01	-0.02
	71	0.99	2.19	-0.85	0.00	-0.01	0.02
	72	0.26	2.57	-0.85	0.00	-0.01	0.00
	73	-0.30	1.97	-0.85	0.00	-0.01	0.02
	74	-1.03	2.35	-0.85	0.00	-0.01	0.01
	75	1.04	2.82	-0.85	0.00	-0.01	-0.01
	76	0.31	3.20	-0.85	0.00	-0.01	-0.03
	77	-0.25	2.60	-0.85	0.00	-0.01	-0.01
	78	-0.98	2.99	-0.85	0.00	-0.01	-0.02
	79	0.98	-2.99	-0.85	0.00	-0.01	0.02
	80	0.25	-2.60	-0.85	0.00	-0.01	0.01
	81	-0.31	-3.20	-0.85	0.00	-0.01	0.03
	82	-1.04	-2.82	-0.85	0.00	-0.01	0.01
	83	1.03	-2.35	-0.85	0.00	-0.01	-0.01
	84	0.30	-1.97	-0.85	0.00	-0.01	-0.02
	85	-0.26	-2.57	-0.85	0.00	-0.01	-0.00
	86	-0.99	-2.19	-0.85	0.00	-0.01	-0.02
211	1	0.09	0.00	-0.16	0.00	0.47	-0.00
	2	-0.25	-0.02	-0.16	0.00	0.47	0.00
	3	-0.02	0.52	-0.16	0.00	0.47	-0.00
	4	0.04	-0.53	-0.16	0.00	0.47	0.00

	5	0.15	0.00	-0.14	0.00	0.42	-0.00
	6	-0.41	-0.03	-0.14	0.00	0.42	0.00
	7	-0.04	0.87	-0.14	0.00	0.42	-0.00
	8	0.07	-0.88	-0.14	0.00	0.42	0.00
	9	4.08	0.70	-0.10	0.00	0.28	0.02
	10	4.10	0.83	-0.10	0.00	0.28	0.01
	11	4.07	-1.16	-0.10	0.00	0.28	0.03
	12	4.09	-1.03	-0.10	0.00	0.28	0.01
	13	1.13	1.73	-0.10	0.00	0.28	-0.03
	14	1.15	1.86	-0.10	0.00	0.28	-0.05
	15	1.12	-0.13	-0.10	0.00	0.28	-0.03
	16	1.14	-0.00	-0.10	0.00	0.28	-0.04
	17	-1.14	0.00	-0.10	0.00	0.28	0.04
	18	-1.12	0.13	-0.10	0.00	0.28	0.03
	19	-1.15	-1.86	-0.10	0.00	0.28	0.05
	20	-1.13	-1.73	-0.10	0.00	0.28	0.03
	21	-4.09	1.03	-0.10	0.00	0.28	-0.01
	22	-4.07	1.16	-0.10	0.00	0.28	-0.03
	23	-4.10	-0.83	-0.10	0.00	0.28	-0.01
	24	-4.08	-0.70	-0.10	0.00	0.28	-0.02
	25	1.20	2.84	-0.10	0.00	0.28	0.02
	26	0.32	3.15	-0.10	0.00	0.28	0.00
	27	-0.36	2.63	-0.10	0.00	0.28	0.03
	28	-1.25	2.94	-0.10	0.00	0.28	0.01
	29	1.26	3.27	-0.10	0.00	0.28	-0.02
	30	0.38	3.58	-0.10	0.00	0.28	-0.03
	31	-0.30	3.06	-0.10	0.00	0.28	-0.01
	32	-1.19	3.37	-0.10	0.00	0.28	-0.03
	33	1.19	-3.37	-0.10	0.00	0.28	0.03
	34	0.30	-3.06	-0.10	0.00	0.28	0.01
	35	-0.38	-3.58	-0.10	0.00	0.28	0.03
	36	-1.26	-3.27	-0.10	0.00	0.28	0.02
	37	1.25	-2.94	-0.10	0.00	0.28	-0.01
	38	0.36	-2.63	-0.10	0.00	0.28	-0.03
	39	-0.32	-3.15	-0.10	0.00	0.28	-0.00
	40	-1.20	-2.84	-0.10	0.00	0.28	-0.02
	41	0.06	0.00	-0.12	0.00	0.34	-0.00
	42	-0.16	-0.01	-0.12	0.00	0.34	0.00
	43	-0.02	0.35	-0.12	0.00	0.34	-0.00
	44	0.03	-0.35	-0.12	0.00	0.34	0.00
	45	0.10	0.00	-0.11	0.00	0.31	-0.00
	46	-0.27	-0.02	-0.11	0.00	0.31	0.00
	47	-0.03	0.58	-0.11	0.00	0.31	-0.00
	48	0.05	-0.59	-0.11	0.00	0.31	0.00
	49	0.00	-0.00	-0.10	0.00	0.29	0.00
	50	0.02	0.00	-0.10	0.00	0.28	-0.00
	51	-0.05	-0.00	-0.10	0.00	0.28	0.00
	52	-0.01	0.12	-0.10	0.00	0.28	-0.00
	53	0.01	-0.12	-0.10	0.00	0.28	0.00
	54	0.00	-0.00	-0.10	0.00	0.28	0.00
	55	3.36	0.58	-0.10	0.00	0.28	0.02
	56	3.38	0.68	-0.10	0.00	0.28	0.01
	57	3.36	-0.96	-0.10	0.00	0.28	0.02
	58	3.38	-0.85	-0.10	0.00	0.28	0.01
	59	0.93	1.43	-0.10	0.00	0.28	-0.03
	60	0.95	1.54	-0.10	0.00	0.28	-0.04
	61	0.93	-0.11	-0.10	0.00	0.28	-0.03
	62	0.94	-0.00	-0.10	0.00	0.28	-0.04
	63	-0.94	0.00	-0.10	0.00	0.28	0.04
	64	-0.93	0.11	-0.10	0.00	0.28	0.03
	65	-0.95	-1.54	-0.10	0.00	0.28	0.04
	66	-0.93	-1.43	-0.10	0.00	0.28	0.03
	67	-3.38	0.85	-0.10	0.00	0.28	-0.01
	68	-3.36	0.96	-0.10	0.00	0.28	-0.02
	69	-3.38	-0.68	-0.10	0.00	0.28	-0.01

	70	-3.36	-0.58	-0.10	0.00	0.28	-0.02
	71	0.99	2.34	-0.10	0.00	0.28	0.02
	72	0.26	2.60	-0.10	0.00	0.28	0.00
	73	-0.30	2.17	-0.10	0.00	0.28	0.02
	74	-1.03	2.43	-0.10	0.00	0.28	0.01
	75	1.04	2.70	-0.10	0.00	0.28	-0.01
	76	0.31	2.95	-0.10	0.00	0.28	-0.03
	77	-0.25	2.52	-0.10	0.00	0.28	-0.01
	78	-0.98	2.78	-0.10	0.00	0.28	-0.02
	79	0.98	-2.78	-0.10	0.00	0.28	0.02
	80	0.25	-2.52	-0.10	0.00	0.28	0.01
	81	-0.31	-2.95	-0.10	0.00	0.28	0.03
	82	-1.04	-2.70	-0.10	0.00	0.28	0.01
	83	1.03	-2.43	-0.10	0.00	0.28	-0.01
	84	0.30	-2.17	-0.10	0.00	0.28	-0.02
	85	-0.26	-2.60	-0.10	0.00	0.28	-0.00
	86	-0.99	-2.34	-0.10	0.00	0.28	-0.02
212	1	0.09	0.00	-3.25	0.00	0.12	-0.00
	2	-0.25	-0.01	-3.25	0.00	0.12	0.00
	3	-0.02	0.51	-3.25	0.00	0.12	-0.00
	4	0.04	-0.52	-3.25	0.00	0.12	0.00
	5	0.15	0.00	-2.92	0.00	0.11	-0.00
	6	-0.41	-0.01	-2.92	0.00	0.11	0.00
	7	-0.04	0.86	-2.92	0.00	0.11	-0.00
	8	0.07	-0.87	-2.92	0.00	0.11	0.00
	9	4.08	0.91	-1.92	0.00	0.07	0.02
	10	4.10	0.93	-1.92	0.00	0.07	0.01
	11	4.07	-0.94	-1.92	0.00	0.07	0.03
	12	4.09	-0.91	-1.92	0.00	0.07	0.01
	13	1.13	1.43	-1.92	0.00	0.07	-0.03
	14	1.15	1.46	-1.92	0.00	0.07	-0.05
	15	1.12	-0.41	-1.92	0.00	0.07	-0.03
	16	1.14	-0.39	-1.92	0.00	0.07	-0.04
	17	-1.14	0.39	-1.92	0.00	0.07	0.04
	18	-1.12	0.41	-1.92	0.00	0.07	0.03
	19	-1.15	-1.46	-1.92	0.00	0.07	0.05
	20	-1.13	-1.43	-1.92	0.00	0.07	0.03
	21	-4.09	0.91	-1.92	0.00	0.07	-0.01
	22	-4.07	0.94	-1.92	0.00	0.07	-0.03
	23	-4.10	-0.93	-1.92	0.00	0.07	-0.01
	24	-4.08	-0.91	-1.92	0.00	0.07	-0.02
	25	1.20	3.03	-1.92	0.00	0.07	0.02
	26	0.32	3.19	-1.92	0.00	0.07	0.00
	27	-0.36	2.87	-1.92	0.00	0.07	0.03
	28	-1.25	3.03	-1.92	0.00	0.07	0.01
	29	1.26	3.12	-1.92	0.00	0.07	-0.02
	30	0.38	3.28	-1.92	0.00	0.07	-0.03
	31	-0.30	2.96	-1.92	0.00	0.07	-0.01
	32	-1.19	3.12	-1.92	0.00	0.07	-0.03
	33	1.19	-3.12	-1.92	0.00	0.07	0.03
	34	0.30	-2.96	-1.92	0.00	0.07	0.01
	35	-0.38	-3.28	-1.92	0.00	0.07	0.03
	36	-1.26	-3.12	-1.92	0.00	0.07	0.02
	37	1.25	-3.03	-1.92	0.00	0.07	-0.01
	38	0.36	-2.87	-1.92	0.00	0.07	-0.03
	39	-0.32	-3.19	-1.92	0.00	0.07	-0.00
	40	-1.20	-3.03	-1.92	0.00	0.07	-0.02
	41	0.06	0.00	-2.37	0.00	0.09	-0.00
	42	-0.16	-0.00	-2.37	0.00	0.09	0.00
	43	-0.02	0.34	-2.37	0.00	0.09	-0.00
	44	0.03	-0.35	-2.37	0.00	0.09	0.00
	45	0.10	0.00	-2.15	0.00	0.08	-0.00
	46	-0.27	-0.01	-2.15	0.00	0.08	0.00
	47	-0.03	0.57	-2.15	0.00	0.08	-0.00
	48	0.05	-0.58	-2.15	0.00	0.08	0.00

	49	0.00	-0.00	-2.01	0.00	0.08	0.00
	50	0.02	0.00	-1.92	0.00	0.07	-0.00
	51	-0.05	-0.00	-1.92	0.00	0.07	0.00
	52	-0.01	0.11	-1.92	0.00	0.07	-0.00
	53	0.01	-0.12	-1.92	0.00	0.07	0.00
	54	0.00	-0.00	-1.92	0.00	0.07	0.00
	55	3.36	0.75	-1.92	0.00	0.07	0.02
	56	3.38	0.77	-1.92	0.00	0.07	0.01
	57	3.36	-0.77	-1.92	0.00	0.07	0.02
	58	3.38	-0.75	-1.92	0.00	0.07	0.01
	59	0.93	1.18	-1.92	0.00	0.07	-0.03
	60	0.95	1.20	-1.92	0.00	0.07	-0.04
	61	0.93	-0.34	-1.92	0.00	0.07	-0.03
	62	0.94	-0.32	-1.92	0.00	0.07	-0.04
	63	-0.94	0.32	-1.92	0.00	0.07	0.04
	64	-0.93	0.34	-1.92	0.00	0.07	0.03
	65	-0.95	-1.20	-1.92	0.00	0.07	0.04
	66	-0.93	-1.18	-1.92	0.00	0.07	0.03
	67	-3.38	0.75	-1.92	0.00	0.07	-0.01
	68	-3.36	0.77	-1.92	0.00	0.07	-0.02
	69	-3.38	-0.77	-1.92	0.00	0.07	-0.01
	70	-3.36	-0.75	-1.92	0.00	0.07	-0.02
	71	0.99	2.50	-1.92	0.00	0.07	0.02
	72	0.26	2.63	-1.92	0.00	0.07	0.00
	73	-0.30	2.37	-1.92	0.00	0.07	0.02
	74	-1.03	2.50	-1.92	0.00	0.07	0.01
	75	1.04	2.57	-1.92	0.00	0.07	-0.01
	76	0.31	2.70	-1.92	0.00	0.07	-0.03
	77	-0.25	2.45	-1.92	0.00	0.07	-0.01
	78	-0.98	2.58	-1.92	0.00	0.07	-0.02
	79	0.98	-2.58	-1.92	0.00	0.07	0.02
	80	0.25	-2.45	-1.92	0.00	0.07	0.01
	81	-0.31	-2.70	-1.92	0.00	0.07	0.03
	82	-1.04	-2.57	-1.92	0.00	0.07	0.01
	83	1.03	-2.50	-1.92	0.00	0.07	-0.01
	84	0.30	-2.37	-1.92	0.00	0.07	-0.02
	85	-0.26	-2.63	-1.92	0.00	0.07	-0.00
	86	-0.99	-2.50	-1.92	0.00	0.07	-0.02
213	1	0.09	0.00	-0.04	0.00	0.00	-0.00
	2	-0.27	-0.05	-0.04	0.00	0.00	0.00
	3	-0.00	0.55	-0.04	0.00	0.00	-0.00
	4	0.01	-0.58	-0.04	0.00	0.00	0.00
	5	0.15	0.00	-0.04	0.00	0.00	-0.00
	6	-0.45	-0.09	-0.04	0.00	0.00	0.00
	7	-0.01	0.92	-0.04	0.00	0.00	-0.00
	8	0.01	-0.97	-0.04	0.00	0.00	0.00
	9	3.40	-0.29	-0.03	0.00	0.00	0.02
	10	3.75	0.32	-0.03	0.00	0.00	0.01
	11	3.34	-2.24	-0.03	0.00	0.00	0.03
	12	3.69	-1.63	-0.03	0.00	0.00	0.01
	13	2.11	3.19	-0.03	0.00	0.00	-0.03
	14	2.46	3.80	-0.03	0.00	0.00	-0.05
	15	2.05	1.24	-0.03	0.00	0.00	-0.03
	16	2.40	1.85	-0.03	0.00	0.00	-0.04
	17	-2.40	-1.85	-0.03	0.00	0.00	0.04
	18	-2.05	-1.24	-0.03	0.00	0.00	0.03
	19	-2.46	-3.80	-0.03	0.00	0.00	0.05
	20	-2.11	-3.19	-0.03	0.00	0.00	0.03
	21	-3.69	1.63	-0.03	0.00	0.00	-0.01
	22	-3.34	2.24	-0.03	0.00	0.00	-0.03
	23	-3.75	-0.32	-0.03	0.00	0.00	-0.01
	24	-3.40	0.29	-0.03	0.00	0.00	-0.02
	25	0.59	1.94	-0.03	0.00	0.00	0.02
	26	0.20	2.98	-0.03	0.00	0.00	0.00
	27	-1.15	1.47	-0.03	0.00	0.00	0.03

	28	-1.54	2.52	-0.03	0.00	0.00	0.01
	29	1.75	3.98	-0.03	0.00	0.00	-0.02
	30	1.36	5.03	-0.03	0.00	0.00	-0.03
	31	0.01	3.52	-0.03	0.00	0.00	-0.01
	32	-0.38	4.56	-0.03	0.00	0.00	-0.03
	33	0.38	-4.56	-0.03	0.00	0.00	0.03
	34	-0.01	-3.52	-0.03	0.00	0.00	0.01
	35	-1.36	-5.03	-0.03	0.00	0.00	0.03
	36	-1.75	-3.98	-0.03	0.00	0.00	0.02
	37	1.54	-2.52	-0.03	0.00	0.00	-0.01
	38	1.15	-1.47	-0.03	0.00	0.00	-0.03
	39	-0.20	-2.98	-0.03	0.00	0.00	-0.00
	40	-0.59	-1.94	-0.03	0.00	0.00	-0.02
	41	0.06	0.00	-0.03	0.00	0.00	-0.00
	42	-0.18	-0.04	-0.03	0.00	0.00	0.00
	43	-0.00	0.37	-0.03	0.00	0.00	-0.00
	44	0.00	-0.39	-0.03	0.00	0.00	0.00
	45	0.10	0.00	-0.03	0.00	0.00	-0.00
	46	-0.30	-0.06	-0.03	0.00	0.00	0.00
	47	-0.00	0.61	-0.03	0.00	0.00	-0.00
	48	0.01	-0.65	-0.03	0.00	0.00	0.00
	49	0.00	-0.00	-0.03	0.00	0.00	0.00
	50	0.02	0.00	-0.03	0.00	0.00	-0.00
	51	-0.06	-0.01	-0.03	0.00	0.00	0.00
	52	-0.00	0.12	-0.03	0.00	0.00	-0.00
	53	0.00	-0.13	-0.03	0.00	0.00	0.00
	54	0.00	-0.00	-0.03	0.00	0.00	0.00
	55	2.81	-0.24	-0.03	0.00	0.00	0.02
	56	3.10	0.26	-0.03	0.00	0.00	0.01
	57	2.76	-1.85	-0.03	0.00	0.00	0.02
	58	3.04	-1.34	-0.03	0.00	0.00	0.01
	59	1.74	2.63	-0.03	0.00	0.00	-0.03
	60	2.03	3.14	-0.03	0.00	0.00	-0.04
	61	1.69	1.02	-0.03	0.00	0.00	-0.03
	62	1.98	1.53	-0.03	0.00	0.00	-0.04
	63	-1.98	-1.53	-0.03	0.00	0.00	0.04
	64	-1.69	-1.02	-0.03	0.00	0.00	0.03
	65	-2.03	-3.14	-0.03	0.00	0.00	0.04
	66	-1.74	-2.63	-0.03	0.00	0.00	0.03
	67	-3.04	1.34	-0.03	0.00	0.00	-0.01
	68	-2.76	1.85	-0.03	0.00	0.00	-0.02
	69	-3.10	-0.26	-0.03	0.00	0.00	-0.01
	70	-2.81	0.24	-0.03	0.00	0.00	-0.02
	71	0.49	1.60	-0.03	0.00	0.00	0.02
	72	0.17	2.46	-0.03	0.00	0.00	0.00
	73	-0.95	1.21	-0.03	0.00	0.00	0.02
	74	-1.27	2.08	-0.03	0.00	0.00	0.01
	75	1.44	3.29	-0.03	0.00	0.00	-0.01
	76	1.12	4.15	-0.03	0.00	0.00	-0.03
	77	0.01	2.90	-0.03	0.00	0.00	-0.01
	78	-0.31	3.76	-0.03	0.00	0.00	-0.02
	79	0.31	-3.76	-0.03	0.00	0.00	0.02
	80	-0.01	-2.90	-0.03	0.00	0.00	0.01
	81	-1.12	-4.15	-0.03	0.00	0.00	0.03
	82	-1.44	-3.29	-0.03	0.00	0.00	0.01
	83	1.27	-2.08	-0.03	0.00	0.00	-0.01
	84	0.95	-1.21	-0.03	0.00	0.00	-0.02
	85	-0.17	-2.46	-0.03	0.00	0.00	-0.00
	86	-0.49	-1.60	-0.03	0.00	0.00	-0.02
214	1	0.09	0.00	-0.14	0.00	0.00	-0.00
	2	-0.27	-0.03	-0.14	0.00	0.00	0.00
	3	-0.00	0.54	-0.14	0.00	0.00	-0.00
	4	0.01	-0.56	-0.14	0.00	0.00	0.00
	5	0.15	0.00	-0.12	0.00	0.00	-0.00
	6	-0.45	-0.06	-0.12	0.00	0.00	0.00

	7	-0.01	0.89	-0.12	0.00	0.00	-0.00
	8	0.01	-0.93	-0.12	0.00	0.00	0.00
	9	3.40	0.20	-0.08	0.00	0.00	0.02
	10	3.75	0.57	-0.08	0.00	0.00	0.01
	11	3.34	-1.70	-0.08	0.00	0.00	0.03
	12	3.69	-1.33	-0.08	0.00	0.00	0.01
	13	2.11	2.46	-0.08	0.00	0.00	-0.03
	14	2.46	2.84	-0.08	0.00	0.00	-0.05
	15	2.05	0.56	-0.08	0.00	0.00	-0.03
	16	2.40	0.93	-0.08	0.00	0.00	-0.04
	17	-2.40	-0.93	-0.08	0.00	0.00	0.04
	18	-2.05	-0.56	-0.08	0.00	0.00	0.03
	19	-2.46	-2.84	-0.08	0.00	0.00	0.05
	20	-2.11	-2.46	-0.08	0.00	0.00	0.03
	21	-3.69	1.33	-0.08	0.00	0.00	-0.01
	22	-3.34	1.70	-0.08	0.00	0.00	-0.03
	23	-3.75	-0.57	-0.08	0.00	0.00	-0.01
	24	-3.40	-0.20	-0.08	0.00	0.00	-0.02
	25	0.59	2.39	-0.08	0.00	0.00	0.02
	26	0.20	3.07	-0.08	0.00	0.00	0.00
	27	-1.15	2.05	-0.08	0.00	0.00	0.03
	28	-1.54	2.73	-0.08	0.00	0.00	0.01
	29	1.75	3.63	-0.08	0.00	0.00	-0.02
	30	1.36	4.31	-0.08	0.00	0.00	-0.03
	31	0.01	3.29	-0.08	0.00	0.00	-0.01
	32	-0.38	3.97	-0.08	0.00	0.00	-0.03
	33	0.38	-3.97	-0.08	0.00	0.00	0.03
	34	-0.01	-3.29	-0.08	0.00	0.00	0.01
	35	-1.36	-4.31	-0.08	0.00	0.00	0.03
	36	-1.75	-3.63	-0.08	0.00	0.00	0.02
	37	1.54	-2.73	-0.08	0.00	0.00	-0.01
	38	1.15	-2.05	-0.08	0.00	0.00	-0.03
	39	-0.20	-3.07	-0.08	0.00	0.00	-0.00
	40	-0.59	-2.39	-0.08	0.00	0.00	-0.02
	41	0.06	0.00	-0.10	0.00	0.00	-0.00
	42	-0.18	-0.02	-0.10	0.00	0.00	0.00
	43	-0.00	0.36	-0.10	0.00	0.00	-0.00
	44	0.00	-0.37	-0.10	0.00	0.00	0.00
	45	0.10	0.00	-0.09	0.00	0.00	-0.00
	46	-0.30	-0.04	-0.09	0.00	0.00	0.00
	47	-0.00	0.59	-0.09	0.00	0.00	-0.00
	48	0.01	-0.62	-0.09	0.00	0.00	0.00
	49	0.00	-0.00	-0.08	0.00	0.00	0.00
	50	0.02	0.00	-0.08	0.00	0.00	-0.00
	51	-0.06	-0.01	-0.08	0.00	0.00	0.00
	52	-0.00	0.12	-0.08	0.00	0.00	-0.00
	53	0.00	-0.12	-0.08	0.00	0.00	0.00
	54	0.00	-0.00	-0.08	0.00	0.00	0.00
	55	2.81	0.17	-0.08	0.00	0.00	0.02
	56	3.10	0.47	-0.08	0.00	0.00	0.01
	57	2.76	-1.41	-0.08	0.00	0.00	0.02
	58	3.04	-1.10	-0.08	0.00	0.00	0.01
	59	1.74	2.03	-0.08	0.00	0.00	-0.03
	60	2.03	2.34	-0.08	0.00	0.00	-0.04
	61	1.69	0.46	-0.08	0.00	0.00	-0.03
	62	1.98	0.77	-0.08	0.00	0.00	-0.04
	63	-1.98	-0.77	-0.08	0.00	0.00	0.04
	64	-1.69	-0.46	-0.08	0.00	0.00	0.03
	65	-2.03	-2.34	-0.08	0.00	0.00	0.04
	66	-1.74	-2.03	-0.08	0.00	0.00	0.03
	67	-3.04	1.10	-0.08	0.00	0.00	-0.01
	68	-2.76	1.41	-0.08	0.00	0.00	-0.02
	69	-3.10	-0.47	-0.08	0.00	0.00	-0.01
	70	-2.81	-0.17	-0.08	0.00	0.00	-0.02
	71	0.49	1.97	-0.08	0.00	0.00	0.02

	72	0.17	2.53	-0.08	0.00	0.00	0.00
	73	-0.95	1.69	-0.08	0.00	0.00	0.02
	74	-1.27	2.25	-0.08	0.00	0.00	0.01
	75	1.44	2.99	-0.08	0.00	0.00	-0.01
	76	1.12	3.55	-0.08	0.00	0.00	-0.03
	77	0.01	2.71	-0.08	0.00	0.00	-0.01
	78	-0.31	3.27	-0.08	0.00	0.00	-0.02
	79	0.31	-3.27	-0.08	0.00	0.00	0.02
	80	-0.01	-2.71	-0.08	0.00	0.00	0.01
	81	-1.12	-3.55	-0.08	0.00	0.00	0.03
	82	-1.44	-2.99	-0.08	0.00	0.00	0.01
	83	1.27	-2.25	-0.08	0.00	0.00	-0.01
	84	0.95	-1.69	-0.08	0.00	0.00	-0.02
	85	-0.17	-2.53	-0.08	0.00	0.00	-0.00
	86	-0.49	-1.97	-0.08	0.00	0.00	-0.02
215	1	0.09	0.00	-0.12	0.00	0.00	-0.00
	2	-0.27	-0.02	-0.12	0.00	0.00	0.00
	3	-0.00	0.52	-0.12	0.00	0.00	-0.00
	4	0.01	-0.53	-0.12	0.00	0.00	0.00
	5	0.15	0.00	-0.10	0.00	0.00	-0.00
	6	-0.45	-0.03	-0.10	0.00	0.00	0.00
	7	-0.01	0.87	-0.10	0.00	0.00	-0.00
	8	0.01	-0.88	-0.10	0.00	0.00	0.00
	9	3.40	0.70	-0.07	0.00	0.00	0.02
	10	3.75	0.83	-0.07	0.00	0.00	0.01
	11	3.34	-1.17	-0.07	0.00	0.00	0.03
	12	3.69	-1.04	-0.07	0.00	0.00	0.01
	13	2.11	1.74	-0.07	0.00	0.00	-0.03
	14	2.46	1.87	-0.07	0.00	0.00	-0.05
	15	2.05	-0.13	-0.07	0.00	0.00	-0.03
	16	2.40	0.00	-0.07	0.00	0.00	-0.04
	17	-2.40	-0.00	-0.07	0.00	0.00	0.04
	18	-2.05	0.13	-0.07	0.00	0.00	0.03
	19	-2.46	-1.87	-0.07	0.00	0.00	0.05
	20	-2.11	-1.74	-0.07	0.00	0.00	0.03
	21	-3.69	1.04	-0.07	0.00	0.00	-0.01
	22	-3.34	1.17	-0.07	0.00	0.00	-0.03
	23	-3.75	-0.83	-0.07	0.00	0.00	-0.01
	24	-3.40	-0.70	-0.07	0.00	0.00	-0.02
	25	0.59	2.84	-0.07	0.00	0.00	0.02
	26	0.20	3.15	-0.07	0.00	0.00	0.00
	27	-1.15	2.62	-0.07	0.00	0.00	0.03
	28	-1.54	2.94	-0.07	0.00	0.00	0.01
	29	1.75	3.27	-0.07	0.00	0.00	-0.02
	30	1.36	3.58	-0.07	0.00	0.00	-0.03
	31	0.01	3.06	-0.07	0.00	0.00	-0.01
	32	-0.38	3.37	-0.07	0.00	0.00	-0.03
	33	0.38	-3.37	-0.07	0.00	0.00	0.03
	34	-0.01	-3.06	-0.07	0.00	0.00	0.01
	35	-1.36	-3.58	-0.07	0.00	0.00	0.03
	36	-1.75	-3.27	-0.07	0.00	0.00	0.02
	37	1.54	-2.94	-0.07	0.00	0.00	-0.01
	38	1.15	-2.63	-0.07	0.00	0.00	-0.03
	39	-0.20	-3.15	-0.07	0.00	0.00	-0.00
	40	-0.59	-2.84	-0.07	0.00	0.00	-0.02
	41	0.06	0.00	-0.09	0.00	0.00	-0.00
	42	-0.18	-0.01	-0.09	0.00	0.00	0.00
	43	-0.00	0.35	-0.09	0.00	0.00	-0.00
	44	0.00	-0.35	-0.09	0.00	0.00	0.00
	45	0.10	0.00	-0.08	0.00	0.00	-0.00
	46	-0.30	-0.02	-0.08	0.00	0.00	0.00
	47	-0.00	0.58	-0.08	0.00	0.00	-0.00
	48	0.01	-0.59	-0.08	0.00	0.00	0.00
	49	0.00	-0.00	-0.07	0.00	0.00	0.00
	50	0.02	0.00	-0.07	0.00	0.00	-0.00

	51	-0.06	-0.00	-0.07	0.00	0.00	0.00
	52	-0.00	0.12	-0.07	0.00	0.00	-0.00
	53	0.00	-0.12	-0.07	0.00	0.00	0.00
	54	0.00	-0.00	-0.07	0.00	0.00	0.00
	55	2.81	0.58	-0.07	0.00	0.00	0.02
	56	3.10	0.68	-0.07	0.00	0.00	0.01
	57	2.76	-0.96	-0.07	0.00	0.00	0.02
	58	3.04	-0.85	-0.07	0.00	0.00	0.01
	59	1.74	1.43	-0.07	0.00	0.00	-0.03
	60	2.03	1.54	-0.07	0.00	0.00	-0.04
	61	1.69	-0.10	-0.07	0.00	0.00	-0.03
	62	1.98	0.00	-0.07	0.00	0.00	-0.04
	63	-1.98	-0.00	-0.07	0.00	0.00	0.04
	64	-1.69	0.10	-0.07	0.00	0.00	0.03
	65	-2.03	-1.54	-0.07	0.00	0.00	0.04
	66	-1.74	-1.43	-0.07	0.00	0.00	0.03
	67	-3.04	0.85	-0.07	0.00	0.00	-0.01
	68	-2.76	0.96	-0.07	0.00	0.00	-0.02
	69	-3.10	-0.68	-0.07	0.00	0.00	-0.01
	70	-2.81	-0.58	-0.07	0.00	0.00	-0.02
	71	0.49	2.34	-0.07	0.00	0.00	0.02
	72	0.17	2.60	-0.07	0.00	0.00	0.00
	73	-0.95	2.17	-0.07	0.00	0.00	0.02
	74	-1.27	2.43	-0.07	0.00	0.00	0.01
	75	1.44	2.70	-0.07	0.00	0.00	-0.01
	76	1.12	2.96	-0.07	0.00	0.00	-0.03
	77	0.01	2.52	-0.07	0.00	0.00	-0.01
	78	-0.31	2.78	-0.07	0.00	0.00	-0.02
	79	0.31	-2.78	-0.07	0.00	0.00	0.02
	80	-0.01	-2.52	-0.07	0.00	0.00	0.01
	81	-1.12	-2.96	-0.07	0.00	0.00	0.03
	82	-1.44	-2.70	-0.07	0.00	0.00	0.01
	83	1.27	-2.43	-0.07	0.00	0.00	-0.01
	84	0.95	-2.17	-0.07	0.00	0.00	-0.02
	85	-0.17	-2.60	-0.07	0.00	0.00	-0.00
	86	-0.49	-2.34	-0.07	0.00	0.00	-0.02
216	1	0.09	-0.00	-0.13	0.00	0.00	-0.00
	2	-0.27	0.00	-0.13	0.00	0.00	0.00
	3	-0.00	0.51	-0.13	0.00	0.00	-0.00
	4	0.01	-0.50	-0.13	0.00	0.00	0.00
	5	0.15	-0.00	-0.11	0.00	0.00	-0.00
	6	-0.45	0.01	-0.11	0.00	0.00	0.00
	7	-0.01	0.84	-0.11	0.00	0.00	-0.00
	8	0.01	-0.84	-0.11	0.00	0.00	0.00
	9	3.40	1.19	-0.07	0.00	0.00	0.02
	10	3.75	1.08	-0.07	0.00	0.00	0.01
	11	3.34	-0.63	-0.07	0.00	0.00	0.03
	12	3.69	-0.74	-0.07	0.00	0.00	0.01
	13	2.11	1.01	-0.07	0.00	0.00	-0.03
	14	2.46	0.90	-0.07	0.00	0.00	-0.05
	15	2.05	-0.81	-0.07	0.00	0.00	-0.03
	16	2.40	-0.92	-0.07	0.00	0.00	-0.04
	17	-2.40	0.92	-0.07	0.00	0.00	0.04
	18	-2.05	0.81	-0.07	0.00	0.00	0.03
	19	-2.46	-0.90	-0.07	0.00	0.00	0.05
	20	-2.11	-1.01	-0.07	0.00	0.00	0.03
	21	-3.69	0.74	-0.07	0.00	0.00	-0.01
	22	-3.34	0.63	-0.07	0.00	0.00	-0.03
	23	-3.75	-1.08	-0.07	0.00	0.00	-0.01
	24	-3.40	-1.19	-0.07	0.00	0.00	-0.02
	25	0.59	3.29	-0.07	0.00	0.00	0.02
	26	0.20	3.23	-0.07	0.00	0.00	0.00
	27	-1.15	3.21	-0.07	0.00	0.00	0.03
	28	-1.54	3.15	-0.07	0.00	0.00	0.01
	29	1.75	2.91	-0.07	0.00	0.00	-0.02

	30	1.36	2.86	-0.07	0.00	0.00	-0.03
	31	0.01	2.83	-0.07	0.00	0.00	-0.01
	32	-0.38	2.78	-0.07	0.00	0.00	-0.03
	33	0.38	-2.78	-0.07	0.00	0.00	0.03
	34	-0.01	-2.83	-0.07	0.00	0.00	0.01
	35	-1.36	-2.86	-0.07	0.00	0.00	0.03
	36	-1.75	-2.91	-0.07	0.00	0.00	0.02
	37	1.54	-3.15	-0.07	0.00	0.00	-0.01
	38	1.15	-3.21	-0.07	0.00	0.00	-0.03
	39	-0.20	-3.23	-0.07	0.00	0.00	-0.00
	40	-0.59	-3.29	-0.07	0.00	0.00	-0.02
	41	0.06	-0.00	-0.09	0.00	0.00	-0.00
	42	-0.18	0.00	-0.09	0.00	0.00	0.00
	43	-0.00	0.34	-0.09	0.00	0.00	-0.00
	44	0.00	-0.34	-0.09	0.00	0.00	0.00
	45	0.10	-0.00	-0.08	0.00	0.00	-0.00
	46	-0.30	0.00	-0.08	0.00	0.00	0.00
	47	-0.00	0.56	-0.08	0.00	0.00	-0.00
	48	0.01	-0.56	-0.08	0.00	0.00	0.00
	49	0.00	0.00	-0.08	0.00	0.00	0.00
	50	0.02	-0.00	-0.07	0.00	0.00	-0.00
	51	-0.06	0.00	-0.07	0.00	0.00	0.00
	52	-0.00	0.11	-0.07	0.00	0.00	-0.00
	53	0.00	-0.11	-0.07	0.00	0.00	0.00
	54	0.00	0.00	-0.07	0.00	0.00	0.00
	55	2.81	0.98	-0.07	0.00	0.00	0.02
	56	3.10	0.89	-0.07	0.00	0.00	0.01
	57	2.76	-0.52	-0.07	0.00	0.00	0.02
	58	3.04	-0.61	-0.07	0.00	0.00	0.01
	59	1.74	0.83	-0.07	0.00	0.00	-0.03
	60	2.03	0.74	-0.07	0.00	0.00	-0.04
	61	1.69	-0.67	-0.07	0.00	0.00	-0.03
	62	1.98	-0.76	-0.07	0.00	0.00	-0.04
	63	-1.98	0.76	-0.07	0.00	0.00	0.04
	64	-1.69	0.67	-0.07	0.00	0.00	0.03
	65	-2.03	-0.74	-0.07	0.00	0.00	0.04
	66	-1.74	-0.83	-0.07	0.00	0.00	0.03
	67	-3.04	0.61	-0.07	0.00	0.00	-0.01
	68	-2.76	0.52	-0.07	0.00	0.00	-0.02
	69	-3.10	-0.89	-0.07	0.00	0.00	-0.01
	70	-2.81	-0.98	-0.07	0.00	0.00	-0.02
	71	0.49	2.71	-0.07	0.00	0.00	0.02
	72	0.17	2.67	-0.07	0.00	0.00	0.00
	73	-0.95	2.65	-0.07	0.00	0.00	0.02
	74	-1.27	2.60	-0.07	0.00	0.00	0.01
	75	1.44	2.40	-0.07	0.00	0.00	-0.01
	76	1.12	2.36	-0.07	0.00	0.00	-0.03
	77	0.01	2.34	-0.07	0.00	0.00	-0.01
	78	-0.31	2.29	-0.07	0.00	0.00	-0.02
	79	0.31	-2.29	-0.07	0.00	0.00	0.02
	80	-0.01	-2.34	-0.07	0.00	0.00	0.01
	81	-1.12	-2.36	-0.07	0.00	0.00	0.03
	82	-1.44	-2.40	-0.07	0.00	0.00	0.01
	83	1.27	-2.60	-0.07	0.00	0.00	-0.01
	84	0.95	-2.65	-0.07	0.00	0.00	-0.02
	85	-0.17	-2.67	-0.07	0.00	0.00	-0.00
	86	-0.49	-2.71	-0.07	0.00	0.00	-0.02
217	1	0.09	-0.00	-0.13	0.00	0.00	-0.00
	2	-0.27	0.02	-0.13	0.00	0.00	0.00
	3	-0.00	0.49	-0.13	0.00	0.00	-0.00
	4	0.01	-0.48	-0.13	0.00	0.00	0.00
	5	0.15	-0.00	-0.11	0.00	0.00	-0.00
	6	-0.45	0.04	-0.11	0.00	0.00	0.00
	7	-0.01	0.82	-0.11	0.00	0.00	-0.00
	8	0.01	-0.80	-0.11	0.00	0.00	0.00

	9	3.40	1.69	-0.07	0.00	0.00	0.02
	10	3.75	1.33	-0.07	0.00	0.00	0.01
	11	3.34	-0.09	-0.07	0.00	0.00	0.03
	12	3.69	-0.44	-0.07	0.00	0.00	0.01
	13	2.11	0.28	-0.07	0.00	0.00	-0.03
	14	2.46	-0.07	-0.07	0.00	0.00	-0.05
	15	2.05	-1.49	-0.07	0.00	0.00	-0.03
	16	2.40	-1.85	-0.07	0.00	0.00	-0.04
	17	-2.40	1.85	-0.07	0.00	0.00	0.04
	18	-2.05	1.49	-0.07	0.00	0.00	0.03
	19	-2.46	0.07	-0.07	0.00	0.00	0.05
	20	-2.11	-0.28	-0.07	0.00	0.00	0.03
	21	-3.69	0.44	-0.07	0.00	0.00	-0.01
	22	-3.34	0.09	-0.07	0.00	0.00	-0.03
	23	-3.75	-1.33	-0.07	0.00	0.00	-0.01
	24	-3.40	-1.69	-0.07	0.00	0.00	-0.02
	25	0.59	3.74	-0.07	0.00	0.00	0.02
	26	0.20	3.32	-0.07	0.00	0.00	0.00
	27	-1.15	3.79	-0.07	0.00	0.00	0.03
	28	-1.54	3.36	-0.07	0.00	0.00	0.01
	29	1.75	2.56	-0.07	0.00	0.00	-0.02
	30	1.36	2.13	-0.07	0.00	0.00	-0.03
	31	0.01	2.60	-0.07	0.00	0.00	-0.01
	32	-0.38	2.18	-0.07	0.00	0.00	-0.03
	33	0.38	-2.18	-0.07	0.00	0.00	0.03
	34	-0.01	-2.60	-0.07	0.00	0.00	0.01
	35	-1.36	-2.13	-0.07	0.00	0.00	0.03
	36	-1.75	-2.56	-0.07	0.00	0.00	0.02
	37	1.54	-3.36	-0.07	0.00	0.00	-0.01
	38	1.15	-3.79	-0.07	0.00	0.00	-0.03
	39	-0.20	-3.32	-0.07	0.00	0.00	-0.00
	40	-0.59	-3.74	-0.07	0.00	0.00	-0.02
	41	0.06	-0.00	-0.09	0.00	0.00	-0.00
	42	-0.18	0.02	-0.09	0.00	0.00	0.00
	43	-0.00	0.33	-0.09	0.00	0.00	-0.00
	44	0.00	-0.32	-0.09	0.00	0.00	0.00
	45	0.10	-0.00	-0.08	0.00	0.00	-0.00
	46	-0.30	0.03	-0.08	0.00	0.00	0.00
	47	-0.00	0.55	-0.08	0.00	0.00	-0.00
	48	0.01	-0.53	-0.08	0.00	0.00	0.00
	49	0.00	0.00	-0.08	0.00	0.00	0.00
	50	0.02	-0.00	-0.07	0.00	0.00	-0.00
	51	-0.06	0.01	-0.07	0.00	0.00	0.00
	52	-0.00	0.11	-0.07	0.00	0.00	-0.00
	53	0.00	-0.11	-0.07	0.00	0.00	0.00
	54	0.00	0.00	-0.07	0.00	0.00	0.00
	55	2.81	1.39	-0.07	0.00	0.00	0.02
	56	3.10	1.10	-0.07	0.00	0.00	0.01
	57	2.76	-0.07	-0.07	0.00	0.00	0.02
	58	3.04	-0.37	-0.07	0.00	0.00	0.01
	59	1.74	0.23	-0.07	0.00	0.00	-0.03
	60	2.03	-0.06	-0.07	0.00	0.00	-0.04
	61	1.69	-1.23	-0.07	0.00	0.00	-0.03
	62	1.98	-1.52	-0.07	0.00	0.00	-0.04
	63	-1.98	1.52	-0.07	0.00	0.00	0.04
	64	-1.69	1.23	-0.07	0.00	0.00	0.03
	65	-2.03	0.06	-0.07	0.00	0.00	0.04
	66	-1.74	-0.23	-0.07	0.00	0.00	0.03
	67	-3.04	0.37	-0.07	0.00	0.00	-0.01
	68	-2.76	0.07	-0.07	0.00	0.00	-0.02
	69	-3.10	-1.10	-0.07	0.00	0.00	-0.01
	70	-2.81	-1.39	-0.07	0.00	0.00	-0.02
	71	0.49	3.08	-0.07	0.00	0.00	0.02
	72	0.17	2.74	-0.07	0.00	0.00	0.00
	73	-0.95	3.12	-0.07	0.00	0.00	0.02

	74	-1.27	2.78	-0.07	0.00	0.00	0.01
	75	1.44	2.11	-0.07	0.00	0.00	-0.01
	76	1.12	1.76	-0.07	0.00	0.00	-0.03
	77	0.01	2.15	-0.07	0.00	0.00	-0.01
	78	-0.31	1.80	-0.07	0.00	0.00	-0.02
	79	0.31	-1.80	-0.07	0.00	0.00	0.02
	80	-0.01	-2.15	-0.07	0.00	0.00	0.01
	81	-1.12	-1.76	-0.07	0.00	0.00	0.03
	82	-1.44	-2.11	-0.07	0.00	0.00	0.01
	83	1.27	-2.78	-0.07	0.00	0.00	-0.01
	84	0.95	-3.12	-0.07	0.00	0.00	-0.02
	85	-0.17	-2.74	-0.07	0.00	0.00	-0.00
	86	-0.49	-3.08	-0.07	0.00	0.00	-0.02
218	1	0.09	-0.00	-0.07	0.00	0.00	-0.00
	2	-0.27	0.04	-0.07	0.00	0.00	0.00
	3	-0.00	0.48	-0.07	0.00	0.00	-0.00
	4	0.01	-0.45	-0.07	0.00	0.00	0.00
	5	0.15	-0.00	-0.06	0.00	0.00	-0.00
	6	-0.45	0.07	-0.06	0.00	0.00	0.00
	7	-0.01	0.80	-0.06	0.00	0.00	-0.00
	8	0.01	-0.75	-0.06	0.00	0.00	0.00
	9	3.40	2.18	-0.04	0.00	0.00	0.02
	10	3.75	1.59	-0.04	0.00	0.00	0.01
	11	3.34	0.45	-0.04	0.00	0.00	0.03
	12	3.69	-0.15	-0.04	0.00	0.00	0.01
	13	2.11	-0.44	-0.04	0.00	0.00	-0.03
	14	2.46	-1.04	-0.04	0.00	0.00	-0.05
	15	2.05	-2.18	-0.04	0.00	0.00	-0.03
	16	2.40	-2.77	-0.04	0.00	0.00	-0.04
	17	-2.40	2.77	-0.04	0.00	0.00	0.04
	18	-2.05	2.18	-0.04	0.00	0.00	0.03
	19	-2.46	1.04	-0.04	0.00	0.00	0.05
	20	-2.11	0.44	-0.04	0.00	0.00	0.03
	21	-3.69	0.15	-0.04	0.00	0.00	-0.01
	22	-3.34	-0.45	-0.04	0.00	0.00	-0.03
	23	-3.75	-1.59	-0.04	0.00	0.00	-0.01
	24	-3.40	-2.18	-0.04	0.00	0.00	-0.02
	25	0.59	4.19	-0.04	0.00	0.00	0.02
	26	0.20	3.40	-0.04	0.00	0.00	0.00
	27	-1.15	4.36	-0.04	0.00	0.00	0.03
	28	-1.54	3.58	-0.04	0.00	0.00	0.01
	29	1.75	2.20	-0.04	0.00	0.00	-0.02
	30	1.36	1.41	-0.04	0.00	0.00	-0.03
	31	0.01	2.38	-0.04	0.00	0.00	-0.01
	32	-0.38	1.59	-0.04	0.00	0.00	-0.03
	33	0.38	-1.59	-0.04	0.00	0.00	0.03
	34	-0.01	-2.38	-0.04	0.00	0.00	0.01
	35	-1.36	-1.41	-0.04	0.00	0.00	0.03
	36	-1.75	-2.20	-0.04	0.00	0.00	0.02
	37	1.54	-3.58	-0.04	0.00	0.00	-0.01
	38	1.15	-4.36	-0.04	0.00	0.00	-0.03
	39	-0.20	-3.40	-0.04	0.00	0.00	-0.00
	40	-0.59	-4.19	-0.04	0.00	0.00	-0.02
	41	0.06	-0.00	-0.05	0.00	0.00	-0.00
	42	-0.18	0.03	-0.05	0.00	0.00	0.00
	43	-0.00	0.32	-0.05	0.00	0.00	-0.00
	44	0.00	-0.30	-0.05	0.00	0.00	0.00
	45	0.10	-0.00	-0.05	0.00	0.00	-0.00
	46	-0.30	0.05	-0.05	0.00	0.00	0.00
	47	-0.00	0.53	-0.05	0.00	0.00	-0.00
	48	0.01	-0.50	-0.05	0.00	0.00	0.00
	49	0.00	0.00	-0.04	0.00	0.00	0.00
	50	0.02	-0.00	-0.04	0.00	0.00	-0.00
	51	-0.06	0.01	-0.04	0.00	0.00	0.00
	52	-0.00	0.11	-0.04	0.00	0.00	-0.00

	53	0.00	-0.10	-0.04	0.00	0.00	0.00
	54	0.00	0.00	-0.04	0.00	0.00	0.00
	55	2.81	1.80	-0.04	0.00	0.00	0.02
	56	3.10	1.31	-0.04	0.00	0.00	0.01
	57	2.76	0.37	-0.04	0.00	0.00	0.02
	58	3.04	-0.12	-0.04	0.00	0.00	0.01
	59	1.74	-0.37	-0.04	0.00	0.00	-0.03
	60	2.03	-0.86	-0.04	0.00	0.00	-0.04
	61	1.69	-1.80	-0.04	0.00	0.00	-0.03
	62	1.98	-2.29	-0.04	0.00	0.00	-0.04
	63	-1.98	2.29	-0.04	0.00	0.00	0.04
	64	-1.69	1.80	-0.04	0.00	0.00	0.03
	65	-2.03	0.86	-0.04	0.00	0.00	0.04
	66	-1.74	0.37	-0.04	0.00	0.00	0.03
	67	-3.04	0.12	-0.04	0.00	0.00	-0.01
	68	-2.76	-0.37	-0.04	0.00	0.00	-0.02
	69	-3.10	-1.31	-0.04	0.00	0.00	-0.01
	70	-2.81	-1.80	-0.04	0.00	0.00	-0.02
	71	0.49	3.45	-0.04	0.00	0.00	0.02
	72	0.17	2.80	-0.04	0.00	0.00	0.00
	73	-0.95	3.60	-0.04	0.00	0.00	0.02
	74	-1.27	2.95	-0.04	0.00	0.00	0.01
	75	1.44	1.81	-0.04	0.00	0.00	-0.01
	76	1.12	1.16	-0.04	0.00	0.00	-0.03
	77	0.01	1.96	-0.04	0.00	0.00	-0.01
	78	-0.31	1.31	-0.04	0.00	0.00	-0.02
	79	0.31	-1.31	-0.04	0.00	0.00	0.02
	80	-0.01	-1.96	-0.04	0.00	0.00	0.01
	81	-1.12	-1.16	-0.04	0.00	0.00	0.03
	82	-1.44	-1.81	-0.04	0.00	0.00	0.01
	83	1.27	-2.95	-0.04	0.00	0.00	-0.01
	84	0.95	-3.60	-0.04	0.00	0.00	-0.02
	85	-0.17	-2.80	-0.04	0.00	0.00	-0.00
	86	-0.49	-3.45	-0.04	0.00	0.00	-0.02
219	1	0.09	0.00	-0.04	0.00	0.00	-0.00
	2	-0.30	-0.05	-0.04	0.00	0.00	0.00
	3	0.02	0.55	-0.04	0.00	0.00	-0.00
	4	-0.03	-0.58	-0.04	0.00	0.00	0.00
	5	0.16	0.00	-0.04	0.00	0.00	-0.00
	6	-0.49	-0.09	-0.04	0.00	0.00	0.00
	7	0.03	0.92	-0.04	0.00	0.00	-0.00
	8	-0.05	-0.97	-0.04	0.00	0.00	0.00
	9	2.73	-0.29	-0.03	0.00	0.00	0.02
	10	3.41	0.32	-0.03	0.00	0.00	0.01
	11	2.61	-2.24	-0.03	0.00	0.00	0.03
	12	3.29	-1.63	-0.03	0.00	0.00	0.01
	13	3.10	3.19	-0.03	0.00	0.00	-0.03
	14	3.77	3.80	-0.03	0.00	0.00	-0.05
	15	2.98	1.24	-0.03	0.00	0.00	-0.03
	16	3.65	1.85	-0.03	0.00	0.00	-0.04
	17	-3.65	-1.85	-0.03	0.00	0.00	0.04
	18	-2.98	-1.24	-0.03	0.00	0.00	0.03
	19	-3.77	-3.80	-0.03	0.00	0.00	0.05
	20	-3.10	-3.19	-0.03	0.00	0.00	0.03
	21	-3.29	1.63	-0.03	0.00	0.00	-0.01
	22	-2.61	2.24	-0.03	0.00	0.00	-0.03
	23	-3.41	-0.32	-0.03	0.00	0.00	-0.01
	24	-2.73	0.29	-0.03	0.00	0.00	-0.02
	25	-0.02	1.94	-0.03	0.00	0.00	0.02
	26	0.09	2.98	-0.03	0.00	0.00	0.00
	27	-1.93	1.47	-0.03	0.00	0.00	0.03
	28	-1.82	2.52	-0.03	0.00	0.00	0.01
	29	2.23	3.98	-0.03	0.00	0.00	-0.02
	30	2.34	5.03	-0.03	0.00	0.00	-0.03
	31	0.32	3.52	-0.03	0.00	0.00	-0.01

	32	0.43	4.56	-0.03	0.00	0.00	-0.03
	33	-0.43	-4.56	-0.03	0.00	0.00	0.03
	34	-0.32	-3.52	-0.03	0.00	0.00	0.01
	35	-2.34	-5.03	-0.03	0.00	0.00	0.03
	36	-2.23	-3.98	-0.03	0.00	0.00	0.02
	37	1.82	-2.52	-0.03	0.00	0.00	-0.01
	38	1.93	-1.47	-0.03	0.00	0.00	-0.03
	39	-0.09	-2.98	-0.03	0.00	0.00	-0.00
	40	0.02	-1.94	-0.03	0.00	0.00	-0.02
	41	0.06	0.00	-0.03	0.00	0.00	-0.00
	42	-0.20	-0.04	-0.03	0.00	0.00	0.00
	43	0.01	0.37	-0.03	0.00	0.00	-0.00
	44	-0.02	-0.39	-0.03	0.00	0.00	0.00
	45	0.10	0.00	-0.03	0.00	0.00	-0.00
	46	-0.33	-0.06	-0.03	0.00	0.00	0.00
	47	0.02	0.61	-0.03	0.00	0.00	-0.00
	48	-0.03	-0.65	-0.03	0.00	0.00	0.00
	49	0.00	-0.00	-0.03	0.00	0.00	0.00
	50	0.02	0.00	-0.03	0.00	0.00	-0.00
	51	-0.07	-0.01	-0.03	0.00	0.00	0.00
	52	0.00	0.12	-0.03	0.00	0.00	-0.00
	53	-0.01	-0.13	-0.03	0.00	0.00	0.00
	54	0.00	-0.00	-0.03	0.00	0.00	0.00
	55	2.26	-0.24	-0.03	0.00	0.00	0.02
	56	2.81	0.26	-0.03	0.00	0.00	0.01
	57	2.15	-1.85	-0.03	0.00	0.00	0.02
	58	2.71	-1.34	-0.03	0.00	0.00	0.01
	59	2.56	2.63	-0.03	0.00	0.00	-0.03
	60	3.11	3.14	-0.03	0.00	0.00	-0.04
	61	2.46	1.02	-0.03	0.00	0.00	-0.03
	62	3.01	1.53	-0.03	0.00	0.00	-0.04
	63	-3.01	-1.53	-0.03	0.00	0.00	0.04
	64	-2.46	-1.02	-0.03	0.00	0.00	0.03
	65	-3.11	-3.14	-0.03	0.00	0.00	0.04
	66	-2.56	-2.63	-0.03	0.00	0.00	0.03
	67	-2.71	1.34	-0.03	0.00	0.00	-0.01
	68	-2.15	1.85	-0.03	0.00	0.00	-0.02
	69	-2.81	-0.26	-0.03	0.00	0.00	-0.01
	70	-2.26	0.24	-0.03	0.00	0.00	-0.02
	71	-0.01	1.60	-0.03	0.00	0.00	0.02
	72	0.08	2.46	-0.03	0.00	0.00	0.00
	73	-1.60	1.21	-0.03	0.00	0.00	0.02
	74	-1.50	2.08	-0.03	0.00	0.00	0.01
	75	1.84	3.29	-0.03	0.00	0.00	-0.01
	76	1.93	4.15	-0.03	0.00	0.00	-0.03
	77	0.26	2.90	-0.03	0.00	0.00	-0.01
	78	0.35	3.76	-0.03	0.00	0.00	-0.02
	79	-0.35	-3.76	-0.03	0.00	0.00	0.02
	80	-0.26	-2.90	-0.03	0.00	0.00	0.01
	81	-1.93	-4.15	-0.03	0.00	0.00	0.03
	82	-1.84	-3.29	-0.03	0.00	0.00	0.01
	83	1.50	-2.08	-0.03	0.00	0.00	-0.01
	84	1.60	-1.21	-0.03	0.00	0.00	-0.02
	85	-0.08	-2.46	-0.03	0.00	0.00	-0.00
	86	0.01	-1.60	-0.03	0.00	0.00	-0.02
220	1	0.09	0.00	-0.14	0.00	0.00	-0.00
	2	-0.30	-0.03	-0.14	0.00	0.00	0.00
	3	0.02	0.54	-0.14	0.00	0.00	-0.00
	4	-0.03	-0.56	-0.14	0.00	0.00	0.00
	5	0.16	0.00	-0.12	0.00	0.00	-0.00
	6	-0.49	-0.06	-0.12	0.00	0.00	0.00
	7	0.03	0.89	-0.12	0.00	0.00	-0.00
	8	-0.05	-0.93	-0.12	0.00	0.00	0.00
	9	2.73	0.20	-0.08	0.00	0.00	0.02
	10	3.41	0.57	-0.08	0.00	0.00	0.01

	11	2.61	-1.70	-0.08	0.00	0.00	0.03
	12	3.29	-1.33	-0.08	0.00	0.00	0.01
	13	3.10	2.46	-0.08	0.00	0.00	-0.03
	14	3.77	2.84	-0.08	0.00	0.00	-0.05
	15	2.98	0.56	-0.08	0.00	0.00	-0.03
	16	3.65	0.93	-0.08	0.00	0.00	-0.04
	17	-3.65	-0.93	-0.08	0.00	0.00	0.04
	18	-2.98	-0.56	-0.08	0.00	0.00	0.03
	19	-3.77	-2.84	-0.08	0.00	0.00	0.05
	20	-3.10	-2.46	-0.08	0.00	0.00	0.03
	21	-3.29	1.33	-0.08	0.00	0.00	-0.01
	22	-2.61	1.70	-0.08	0.00	0.00	-0.03
	23	-3.41	-0.57	-0.08	0.00	0.00	-0.01
	24	-2.73	-0.20	-0.08	0.00	0.00	-0.02
	25	-0.02	2.39	-0.08	0.00	0.00	0.02
	26	0.09	3.07	-0.08	0.00	0.00	0.00
	27	-1.93	2.05	-0.08	0.00	0.00	0.03
	28	-1.82	2.73	-0.08	0.00	0.00	0.01
	29	2.23	3.63	-0.08	0.00	0.00	-0.02
	30	2.34	4.31	-0.08	0.00	0.00	-0.03
	31	0.32	3.29	-0.08	0.00	0.00	-0.01
	32	0.43	3.97	-0.08	0.00	0.00	-0.03
	33	-0.43	-3.97	-0.08	0.00	0.00	0.03
	34	-0.32	-3.29	-0.08	0.00	0.00	0.01
	35	-2.34	-4.31	-0.08	0.00	0.00	0.03
	36	-2.23	-3.63	-0.08	0.00	0.00	0.02
	37	1.82	-2.73	-0.08	0.00	0.00	-0.01
	38	1.93	-2.05	-0.08	0.00	0.00	-0.03
	39	-0.09	-3.07	-0.08	0.00	0.00	-0.00
	40	0.02	-2.39	-0.08	0.00	0.00	-0.02
	41	0.06	0.00	-0.10	0.00	0.00	-0.00
	42	-0.20	-0.02	-0.10	0.00	0.00	0.00
	43	0.01	0.36	-0.10	0.00	0.00	-0.00
	44	-0.02	-0.37	-0.10	0.00	0.00	0.00
	45	0.10	0.00	-0.09	0.00	0.00	-0.00
	46	-0.33	-0.04	-0.09	0.00	0.00	0.00
	47	0.02	0.59	-0.09	0.00	0.00	-0.00
	48	-0.03	-0.62	-0.09	0.00	0.00	0.00
	49	0.00	-0.00	-0.08	0.00	0.00	0.00
	50	0.02	0.00	-0.08	0.00	0.00	-0.00
	51	-0.07	-0.01	-0.08	0.00	0.00	0.00
	52	0.00	0.12	-0.08	0.00	0.00	-0.00
	53	-0.01	-0.12	-0.08	0.00	0.00	0.00
	54	0.00	-0.00	-0.08	0.00	0.00	0.00
	55	2.26	0.17	-0.08	0.00	0.00	0.02
	56	2.81	0.47	-0.08	0.00	0.00	0.01
	57	2.15	-1.41	-0.08	0.00	0.00	0.02
	58	2.71	-1.10	-0.08	0.00	0.00	0.01
	59	2.56	2.03	-0.08	0.00	0.00	-0.03
	60	3.11	2.34	-0.08	0.00	0.00	-0.04
	61	2.46	0.46	-0.08	0.00	0.00	-0.03
	62	3.01	0.77	-0.08	0.00	0.00	-0.04
	63	-3.01	-0.77	-0.08	0.00	0.00	0.04
	64	-2.46	-0.46	-0.08	0.00	0.00	0.03
	65	-3.11	-2.34	-0.08	0.00	0.00	0.04
	66	-2.56	-2.03	-0.08	0.00	0.00	0.03
	67	-2.71	1.10	-0.08	0.00	0.00	-0.01
	68	-2.15	1.41	-0.08	0.00	0.00	-0.02
	69	-2.81	-0.47	-0.08	0.00	0.00	-0.01
	70	-2.26	-0.17	-0.08	0.00	0.00	-0.02
	71	-0.01	1.97	-0.08	0.00	0.00	0.02
	72	0.08	2.53	-0.08	0.00	0.00	0.00
	73	-1.60	1.69	-0.08	0.00	0.00	0.02
	74	-1.50	2.25	-0.08	0.00	0.00	0.01
	75	1.84	2.99	-0.08	0.00	0.00	-0.01

	76	1.93	3.55	-0.08	0.00	0.00	-0.03
	77	0.26	2.71	-0.08	0.00	0.00	-0.01
	78	0.35	3.27	-0.08	0.00	0.00	-0.02
	79	-0.35	-3.27	-0.08	0.00	0.00	0.02
	80	-0.26	-2.71	-0.08	0.00	0.00	0.01
	81	-1.93	-3.55	-0.08	0.00	0.00	0.03
	82	-1.84	-2.99	-0.08	0.00	0.00	0.01
	83	1.50	-2.25	-0.08	0.00	0.00	-0.01
	84	1.60	-1.69	-0.08	0.00	0.00	-0.02
	85	-0.08	-2.53	-0.08	0.00	0.00	-0.00
	86	0.01	-1.97	-0.08	0.00	0.00	-0.02
221	1	0.09	0.00	-0.12	0.00	0.00	-0.00
	2	-0.30	-0.02	-0.12	0.00	0.00	0.00
	3	0.02	0.52	-0.12	0.00	0.00	-0.00
	4	-0.03	-0.53	-0.12	0.00	0.00	0.00
	5	0.16	0.00	-0.10	0.00	0.00	-0.00
	6	-0.49	-0.03	-0.10	0.00	0.00	0.00
	7	0.03	0.87	-0.10	0.00	0.00	-0.00
	8	-0.05	-0.88	-0.10	0.00	0.00	0.00
	9	2.73	0.70	-0.07	0.00	0.00	0.02
	10	3.41	0.83	-0.07	0.00	0.00	0.01
	11	2.61	-1.17	-0.07	0.00	0.00	0.03
	12	3.29	-1.04	-0.07	0.00	0.00	0.01
	13	3.10	1.74	-0.07	0.00	0.00	-0.03
	14	3.77	1.87	-0.07	0.00	0.00	-0.05
	15	2.98	-0.13	-0.07	0.00	0.00	-0.03
	16	3.65	0.00	-0.07	0.00	0.00	-0.04
	17	-3.65	-0.00	-0.07	0.00	0.00	0.04
	18	-2.98	0.13	-0.07	0.00	0.00	0.03
	19	-3.77	-1.87	-0.07	0.00	0.00	0.05
	20	-3.10	-1.74	-0.07	0.00	0.00	0.03
	21	-3.29	1.04	-0.07	0.00	0.00	-0.01
	22	-2.61	1.17	-0.07	0.00	0.00	-0.03
	23	-3.41	-0.83	-0.07	0.00	0.00	-0.01
	24	-2.73	-0.70	-0.07	0.00	0.00	-0.02
	25	-0.02	2.84	-0.07	0.00	0.00	0.02
	26	0.09	3.15	-0.07	0.00	0.00	0.00
	27	-1.93	2.63	-0.07	0.00	0.00	0.03
	28	-1.82	2.94	-0.07	0.00	0.00	0.01
	29	2.23	3.27	-0.07	0.00	0.00	-0.02
	30	2.34	3.58	-0.07	0.00	0.00	-0.03
	31	0.32	3.06	-0.07	0.00	0.00	-0.01
	32	0.43	3.37	-0.07	0.00	0.00	-0.03
	33	-0.43	-3.37	-0.07	0.00	0.00	0.03
	34	-0.32	-3.06	-0.07	0.00	0.00	0.01
	35	-2.34	-3.58	-0.07	0.00	0.00	0.03
	36	-2.23	-3.27	-0.07	0.00	0.00	0.02
	37	1.82	-2.94	-0.07	0.00	0.00	-0.01
	38	1.93	-2.63	-0.07	0.00	0.00	-0.03
	39	-0.09	-3.15	-0.07	0.00	0.00	-0.00
	40	0.02	-2.84	-0.07	0.00	0.00	-0.02
	41	0.06	0.00	-0.09	0.00	0.00	-0.00
	42	-0.20	-0.01	-0.09	0.00	0.00	0.00
	43	0.01	0.35	-0.09	0.00	0.00	-0.00
	44	-0.02	-0.35	-0.09	0.00	0.00	0.00
	45	0.10	0.00	-0.08	0.00	0.00	-0.00
	46	-0.33	-0.02	-0.08	0.00	0.00	0.00
	47	0.02	0.58	-0.08	0.00	0.00	-0.00
	48	-0.03	-0.59	-0.08	0.00	0.00	0.00
	49	0.00	-0.00	-0.07	0.00	0.00	0.00
	50	0.02	0.00	-0.07	0.00	0.00	-0.00
	51	-0.07	-0.00	-0.07	0.00	0.00	0.00
	52	0.00	0.12	-0.07	0.00	0.00	-0.00
	53	-0.01	-0.12	-0.07	0.00	0.00	0.00
	54	0.00	-0.00	-0.07	0.00	0.00	0.00

	55	2.26	0.58	-0.07	0.00	0.00	0.02
	56	2.81	0.68	-0.07	0.00	0.00	0.01
	57	2.15	-0.96	-0.07	0.00	0.00	0.02
	58	2.71	-0.85	-0.07	0.00	0.00	0.01
	59	2.56	1.43	-0.07	0.00	0.00	-0.03
	60	3.11	1.54	-0.07	0.00	0.00	-0.04
	61	2.46	-0.10	-0.07	0.00	0.00	-0.03
	62	3.01	0.00	-0.07	0.00	0.00	-0.04
	63	-3.01	-0.00	-0.07	0.00	0.00	0.04
	64	-2.46	0.10	-0.07	0.00	0.00	0.03
	65	-3.11	-1.54	-0.07	0.00	0.00	0.04
	66	-2.56	-1.43	-0.07	0.00	0.00	0.03
	67	-2.71	0.85	-0.07	0.00	0.00	-0.01
	68	-2.15	0.96	-0.07	0.00	0.00	-0.02
	69	-2.81	-0.68	-0.07	0.00	0.00	-0.01
	70	-2.26	-0.58	-0.07	0.00	0.00	-0.02
	71	-0.01	2.34	-0.07	0.00	0.00	0.02
	72	0.08	2.60	-0.07	0.00	0.00	0.00
	73	-1.60	2.17	-0.07	0.00	0.00	0.02
	74	-1.50	2.43	-0.07	0.00	0.00	0.01
	75	1.84	2.70	-0.07	0.00	0.00	-0.01
	76	1.93	2.96	-0.07	0.00	0.00	-0.03
	77	0.26	2.52	-0.07	0.00	0.00	-0.01
	78	0.35	2.78	-0.07	0.00	0.00	-0.02
	79	-0.35	-2.78	-0.07	0.00	0.00	0.02
	80	-0.26	-2.52	-0.07	0.00	0.00	0.01
	81	-1.93	-2.96	-0.07	0.00	0.00	0.03
	82	-1.84	-2.70	-0.07	0.00	0.00	0.01
	83	1.50	-2.43	-0.07	0.00	0.00	-0.01
	84	1.60	-2.17	-0.07	0.00	0.00	-0.02
	85	-0.08	-2.60	-0.07	0.00	0.00	-0.00
	86	0.01	-2.34	-0.07	0.00	0.00	-0.02
222	1	0.09	-0.00	-0.13	0.00	0.00	-0.00
	2	-0.30	0.00	-0.13	0.00	0.00	0.00
	3	0.02	0.51	-0.13	0.00	0.00	-0.00
	4	-0.03	-0.50	-0.13	0.00	0.00	0.00
	5	0.16	-0.00	-0.11	0.00	0.00	-0.00
	6	-0.49	0.01	-0.11	0.00	0.00	0.00
	7	0.03	0.84	-0.11	0.00	0.00	-0.00
	8	-0.05	-0.84	-0.11	0.00	0.00	0.00
	9	2.73	1.19	-0.07	0.00	0.00	0.02
	10	3.41	1.08	-0.07	0.00	0.00	0.01
	11	2.61	-0.63	-0.07	0.00	0.00	0.03
	12	3.29	-0.74	-0.07	0.00	0.00	0.01
	13	3.10	1.01	-0.07	0.00	0.00	-0.03
	14	3.77	0.90	-0.07	0.00	0.00	-0.05
	15	2.98	-0.81	-0.07	0.00	0.00	-0.03
	16	3.65	-0.92	-0.07	0.00	0.00	-0.04
	17	-3.65	0.92	-0.07	0.00	0.00	0.04
	18	-2.98	0.81	-0.07	0.00	0.00	0.03
	19	-3.77	-0.90	-0.07	0.00	0.00	0.05
	20	-3.10	-1.01	-0.07	0.00	0.00	0.03
	21	-3.29	0.74	-0.07	0.00	0.00	-0.01
	22	-2.61	0.63	-0.07	0.00	0.00	-0.03
	23	-3.41	-1.08	-0.07	0.00	0.00	-0.01
	24	-2.73	-1.19	-0.07	0.00	0.00	-0.02
	25	-0.02	3.29	-0.07	0.00	0.00	0.02
	26	0.09	3.23	-0.07	0.00	0.00	0.00
	27	-1.93	3.21	-0.07	0.00	0.00	0.03
	28	-1.82	3.15	-0.07	0.00	0.00	0.01
	29	2.23	2.91	-0.07	0.00	0.00	-0.02
	30	2.34	2.86	-0.07	0.00	0.00	-0.03
	31	0.32	2.83	-0.07	0.00	0.00	-0.01
	32	0.43	2.78	-0.07	0.00	0.00	-0.03
	33	-0.43	-2.78	-0.07	0.00	0.00	0.03

	34	-0.32	-2.83	-0.07	0.00	0.00	0.01
	35	-2.34	-2.86	-0.07	0.00	0.00	0.03
	36	-2.23	-2.91	-0.07	0.00	0.00	0.02
	37	1.82	-3.15	-0.07	0.00	0.00	-0.01
	38	1.93	-3.21	-0.07	0.00	0.00	-0.03
	39	-0.09	-3.23	-0.07	0.00	0.00	-0.00
	40	0.02	-3.29	-0.07	0.00	0.00	-0.02
	41	0.06	-0.00	-0.09	0.00	0.00	-0.00
	42	-0.20	0.00	-0.09	0.00	0.00	0.00
	43	0.01	0.34	-0.09	0.00	0.00	-0.00
	44	-0.02	-0.34	-0.09	0.00	0.00	0.00
	45	0.10	-0.00	-0.08	0.00	0.00	-0.00
	46	-0.33	0.00	-0.08	0.00	0.00	0.00
	47	0.02	0.56	-0.08	0.00	0.00	-0.00
	48	-0.03	-0.56	-0.08	0.00	0.00	0.00
	49	0.00	0.00	-0.08	0.00	0.00	0.00
	50	0.02	-0.00	-0.07	0.00	0.00	-0.00
	51	-0.07	0.00	-0.07	0.00	0.00	0.00
	52	0.00	0.11	-0.07	0.00	0.00	-0.00
	53	-0.01	-0.11	-0.07	0.00	0.00	0.00
	54	0.00	0.00	-0.07	0.00	0.00	0.00
	55	2.26	0.98	-0.07	0.00	0.00	0.02
	56	2.81	0.89	-0.07	0.00	0.00	0.01
	57	2.15	-0.52	-0.07	0.00	0.00	0.02
	58	2.71	-0.61	-0.07	0.00	0.00	0.01
	59	2.56	0.83	-0.07	0.00	0.00	-0.03
	60	3.11	0.74	-0.07	0.00	0.00	-0.04
	61	2.46	-0.67	-0.07	0.00	0.00	-0.03
	62	3.01	-0.76	-0.07	0.00	0.00	-0.04
	63	-3.01	0.76	-0.07	0.00	0.00	0.04
	64	-2.46	0.67	-0.07	0.00	0.00	0.03
	65	-3.11	-0.74	-0.07	0.00	0.00	0.04
	66	-2.56	-0.83	-0.07	0.00	0.00	0.03
	67	-2.71	0.61	-0.07	0.00	0.00	-0.01
	68	-2.15	0.52	-0.07	0.00	0.00	-0.02
	69	-2.81	-0.89	-0.07	0.00	0.00	-0.01
	70	-2.26	-0.98	-0.07	0.00	0.00	-0.02
	71	-0.01	2.71	-0.07	0.00	0.00	0.02
	72	0.08	2.67	-0.07	0.00	0.00	0.00
	73	-1.60	2.65	-0.07	0.00	0.00	0.02
	74	-1.50	2.60	-0.07	0.00	0.00	0.01
	75	1.84	2.40	-0.07	0.00	0.00	-0.01
	76	1.93	2.36	-0.07	0.00	0.00	-0.03
	77	0.26	2.34	-0.07	0.00	0.00	-0.01
	78	0.35	2.29	-0.07	0.00	0.00	-0.02
	79	-0.35	-2.29	-0.07	0.00	0.00	0.02
	80	-0.26	-2.34	-0.07	0.00	0.00	0.01
	81	-1.93	-2.36	-0.07	0.00	0.00	0.03
	82	-1.84	-2.40	-0.07	0.00	0.00	0.01
	83	1.50	-2.60	-0.07	0.00	0.00	-0.01
	84	1.60	-2.65	-0.07	0.00	0.00	-0.02
	85	-0.08	-2.67	-0.07	0.00	0.00	-0.00
	86	0.01	-2.71	-0.07	0.00	0.00	-0.02
223	1	0.09	-0.00	-0.13	0.00	0.00	-0.00
	2	-0.30	0.02	-0.13	0.00	0.00	0.00
	3	0.02	0.49	-0.13	0.00	0.00	-0.00
	4	-0.03	-0.48	-0.13	0.00	0.00	0.00
	5	0.16	-0.00	-0.11	0.00	0.00	-0.00
	6	-0.49	0.04	-0.11	0.00	0.00	0.00
	7	0.03	0.82	-0.11	0.00	0.00	-0.00
	8	-0.05	-0.80	-0.11	0.00	0.00	0.00
	9	2.73	1.69	-0.07	0.00	0.00	0.02
	10	3.41	1.33	-0.07	0.00	0.00	0.01
	11	2.61	-0.09	-0.07	0.00	0.00	0.03
	12	3.29	-0.44	-0.07	0.00	0.00	0.01

	13	3.10	0.28	-0.07	0.00	0.00	-0.03
	14	3.77	-0.07	-0.07	0.00	0.00	-0.05
	15	2.98	-1.49	-0.07	0.00	0.00	-0.03
	16	3.65	-1.85	-0.07	0.00	0.00	-0.04
	17	-3.65	1.85	-0.07	0.00	0.00	0.04
	18	-2.98	1.49	-0.07	0.00	0.00	0.03
	19	-3.77	0.07	-0.07	0.00	0.00	0.05
	20	-3.10	-0.28	-0.07	0.00	0.00	0.03
	21	-3.29	0.44	-0.07	0.00	0.00	-0.01
	22	-2.61	0.09	-0.07	0.00	0.00	-0.03
	23	-3.41	-1.33	-0.07	0.00	0.00	-0.01
	24	-2.73	-1.69	-0.07	0.00	0.00	-0.02
	25	-0.02	3.74	-0.07	0.00	0.00	0.02
	26	0.09	3.32	-0.07	0.00	0.00	0.00
	27	-1.93	3.79	-0.07	0.00	0.00	0.03
	28	-1.82	3.36	-0.07	0.00	0.00	0.01
	29	2.23	2.56	-0.07	0.00	0.00	-0.02
	30	2.34	2.13	-0.07	0.00	0.00	-0.03
	31	0.32	2.60	-0.07	0.00	0.00	-0.01
	32	0.43	2.18	-0.07	0.00	0.00	-0.03
	33	-0.43	-2.18	-0.07	0.00	0.00	0.03
	34	-0.32	-2.60	-0.07	0.00	0.00	0.01
	35	-2.34	-2.13	-0.07	0.00	0.00	0.03
	36	-2.23	-2.56	-0.07	0.00	0.00	0.02
	37	1.82	-3.36	-0.07	0.00	0.00	-0.01
	38	1.93	-3.79	-0.07	0.00	0.00	-0.03
	39	-0.09	-3.32	-0.07	0.00	0.00	-0.00
	40	0.02	-3.74	-0.07	0.00	0.00	-0.02
	41	0.06	-0.00	-0.09	0.00	0.00	-0.00
	42	-0.20	0.02	-0.09	0.00	0.00	0.00
	43	0.01	0.33	-0.09	0.00	0.00	-0.00
	44	-0.02	-0.32	-0.09	0.00	0.00	0.00
	45	0.10	-0.00	-0.08	0.00	0.00	-0.00
	46	-0.33	0.03	-0.08	0.00	0.00	0.00
	47	0.02	0.55	-0.08	0.00	0.00	-0.00
	48	-0.03	-0.53	-0.08	0.00	0.00	0.00
	49	0.00	0.00	-0.08	0.00	0.00	0.00
	50	0.02	-0.00	-0.07	0.00	0.00	-0.00
	51	-0.07	0.01	-0.07	0.00	0.00	0.00
	52	0.00	0.11	-0.07	0.00	0.00	-0.00
	53	-0.01	-0.11	-0.07	0.00	0.00	0.00
	54	0.00	0.00	-0.07	0.00	0.00	0.00
	55	2.26	1.39	-0.07	0.00	0.00	0.02
	56	2.81	1.10	-0.07	0.00	0.00	0.01
	57	2.15	-0.07	-0.07	0.00	0.00	0.02
	58	2.71	-0.37	-0.07	0.00	0.00	0.01
	59	2.56	0.23	-0.07	0.00	0.00	-0.03
	60	3.11	-0.06	-0.07	0.00	0.00	-0.04
	61	2.46	-1.23	-0.07	0.00	0.00	-0.03
	62	3.01	-1.52	-0.07	0.00	0.00	-0.04
	63	-3.01	1.52	-0.07	0.00	0.00	0.04
	64	-2.46	1.23	-0.07	0.00	0.00	0.03
	65	-3.11	0.06	-0.07	0.00	0.00	0.04
	66	-2.56	-0.23	-0.07	0.00	0.00	0.03
	67	-2.71	0.37	-0.07	0.00	0.00	-0.01
	68	-2.15	0.07	-0.07	0.00	0.00	-0.02
	69	-2.81	-1.10	-0.07	0.00	0.00	-0.01
	70	-2.26	-1.39	-0.07	0.00	0.00	-0.02
	71	-0.01	3.08	-0.07	0.00	0.00	0.02
	72	0.08	2.74	-0.07	0.00	0.00	0.00
	73	-1.60	3.12	-0.07	0.00	0.00	0.02
	74	-1.50	2.78	-0.07	0.00	0.00	0.01
	75	1.84	2.11	-0.07	0.00	0.00	-0.01
	76	1.93	1.76	-0.07	0.00	0.00	-0.03
	77	0.26	2.15	-0.07	0.00	0.00	-0.01

	78	0.35	1.80	-0.07	0.00	0.00	-0.02
	79	-0.35	-1.80	-0.07	0.00	0.00	0.02
	80	-0.26	-2.15	-0.07	0.00	0.00	0.01
	81	-1.93	-1.76	-0.07	0.00	0.00	0.03
	82	-1.84	-2.11	-0.07	0.00	0.00	0.01
	83	1.50	-2.78	-0.07	0.00	0.00	-0.01
	84	1.60	-3.12	-0.07	0.00	0.00	-0.02
	85	-0.08	-2.74	-0.07	0.00	0.00	-0.00
	86	0.01	-3.08	-0.07	0.00	0.00	-0.02
224	1	0.09	-0.00	-0.07	0.00	0.00	-0.00
	2	-0.30	0.04	-0.07	0.00	0.00	0.00
	3	0.02	0.48	-0.07	0.00	0.00	-0.00
	4	-0.03	-0.45	-0.07	0.00	0.00	0.00
	5	0.16	-0.00	-0.06	0.00	0.00	-0.00
	6	-0.49	0.07	-0.06	0.00	0.00	0.00
	7	0.03	0.80	-0.06	0.00	0.00	-0.00
	8	-0.05	-0.75	-0.06	0.00	0.00	0.00
	9	2.73	2.18	-0.04	0.00	0.00	0.02
	10	3.41	1.59	-0.04	0.00	0.00	0.01
	11	2.61	0.45	-0.04	0.00	0.00	0.03
	12	3.29	-0.15	-0.04	0.00	0.00	0.01
	13	3.10	-0.44	-0.04	0.00	0.00	-0.03
	14	3.77	-1.04	-0.04	0.00	0.00	-0.05
	15	2.98	-2.18	-0.04	0.00	0.00	-0.03
	16	3.65	-2.77	-0.04	0.00	0.00	-0.04
	17	-3.65	2.77	-0.04	0.00	0.00	0.04
	18	-2.98	2.18	-0.04	0.00	0.00	0.03
	19	-3.77	1.04	-0.04	0.00	0.00	0.05
	20	-3.10	0.44	-0.04	0.00	0.00	0.03
	21	-3.29	0.15	-0.04	0.00	0.00	-0.01
	22	-2.61	-0.45	-0.04	0.00	0.00	-0.03
	23	-3.41	-1.59	-0.04	0.00	0.00	-0.01
	24	-2.73	-2.18	-0.04	0.00	0.00	-0.02
	25	-0.02	4.19	-0.04	0.00	0.00	0.02
	26	0.09	3.40	-0.04	0.00	0.00	0.00
	27	-1.93	4.36	-0.04	0.00	0.00	0.03
	28	-1.82	3.58	-0.04	0.00	0.00	0.01
	29	2.23	2.20	-0.04	0.00	0.00	-0.02
	30	2.34	1.41	-0.04	0.00	0.00	-0.03
	31	0.32	2.38	-0.04	0.00	0.00	-0.01
	32	0.43	1.59	-0.04	0.00	0.00	-0.03
	33	-0.43	-1.59	-0.04	0.00	0.00	0.03
	34	-0.32	-2.38	-0.04	0.00	0.00	0.01
	35	-2.34	-1.41	-0.04	0.00	0.00	0.03
	36	-2.23	-2.20	-0.04	0.00	0.00	0.02
	37	1.82	-3.58	-0.04	0.00	0.00	-0.01
	38	1.93	-4.36	-0.04	0.00	0.00	-0.03
	39	-0.09	-3.40	-0.04	0.00	0.00	-0.00
	40	0.02	-4.19	-0.04	0.00	0.00	-0.02
	41	0.06	-0.00	-0.05	0.00	0.00	-0.00
	42	-0.20	0.03	-0.05	0.00	0.00	0.00
	43	0.01	0.32	-0.05	0.00	0.00	-0.00
	44	-0.02	-0.30	-0.05	0.00	0.00	0.00
	45	0.10	-0.00	-0.05	0.00	0.00	-0.00
	46	-0.33	0.05	-0.05	0.00	0.00	0.00
	47	0.02	0.53	-0.05	0.00	0.00	-0.00
	48	-0.03	-0.50	-0.05	0.00	0.00	0.00
	49	0.00	0.00	-0.04	0.00	0.00	0.00
	50	0.02	-0.00	-0.04	0.00	0.00	-0.00
	51	-0.07	0.01	-0.04	0.00	0.00	0.00
	52	0.00	0.11	-0.04	0.00	0.00	-0.00
	53	-0.01	-0.10	-0.04	0.00	0.00	0.00
	54	0.00	0.00	-0.04	0.00	0.00	0.00
	55	2.26	1.80	-0.04	0.00	0.00	0.02
	56	2.81	1.31	-0.04	0.00	0.00	0.01

	57	2.15	0.37	-0.04	0.00	0.00	0.02
	58	2.71	-0.12	-0.04	0.00	0.00	0.01
	59	2.56	-0.37	-0.04	0.00	0.00	-0.03
	60	3.11	-0.86	-0.04	0.00	0.00	-0.04
	61	2.46	-1.80	-0.04	0.00	0.00	-0.03
	62	3.01	-2.29	-0.04	0.00	0.00	-0.04
	63	-3.01	2.29	-0.04	0.00	0.00	0.04
	64	-2.46	1.80	-0.04	0.00	0.00	0.03
	65	-3.11	0.86	-0.04	0.00	0.00	0.04
	66	-2.56	0.37	-0.04	0.00	0.00	0.03
	67	-2.71	0.12	-0.04	0.00	0.00	-0.01
	68	-2.15	-0.37	-0.04	0.00	0.00	-0.02
	69	-2.81	-1.31	-0.04	0.00	0.00	-0.01
	70	-2.26	-1.80	-0.04	0.00	0.00	-0.02
	71	-0.01	3.45	-0.04	0.00	0.00	0.02
	72	0.08	2.80	-0.04	0.00	0.00	0.00
	73	-1.60	3.60	-0.04	0.00	0.00	0.02
	74	-1.50	2.95	-0.04	0.00	0.00	0.01
	75	1.84	1.81	-0.04	0.00	0.00	-0.01
	76	1.93	1.16	-0.04	0.00	0.00	-0.03
	77	0.26	1.96	-0.04	0.00	0.00	-0.01
	78	0.35	1.31	-0.04	0.00	0.00	-0.02
	79	-0.35	-1.31	-0.04	0.00	0.00	0.02
	80	-0.26	-1.96	-0.04	0.00	0.00	0.01
	81	-1.93	-1.16	-0.04	0.00	0.00	0.03
	82	-1.84	-1.81	-0.04	0.00	0.00	0.01
	83	1.50	-2.95	-0.04	0.00	0.00	-0.01
	84	1.60	-3.60	-0.04	0.00	0.00	-0.02
	85	-0.08	-2.80	-0.04	0.00	0.00	-0.00
	86	0.01	-3.45	-0.04	0.00	0.00	-0.02
225	1	0.09	0.00	-0.03	0.00	0.00	-0.00
	2	-0.32	-0.05	-0.03	0.00	0.00	0.00
	3	0.04	0.55	-0.03	0.00	0.00	-0.00
	4	-0.06	-0.58	-0.03	0.00	0.00	0.00
	5	0.16	0.00	-0.03	0.00	0.00	-0.00
	6	-0.54	-0.09	-0.03	0.00	0.00	0.00
	7	0.06	0.92	-0.03	0.00	0.00	-0.00
	8	-0.11	-0.97	-0.03	0.00	0.00	0.00
	9	2.06	-0.29	-0.02	0.00	0.00	0.02
	10	3.07	0.32	-0.02	0.00	0.00	0.01
	11	1.88	-2.24	-0.02	0.00	0.00	0.03
	12	2.88	-1.63	-0.02	0.00	0.00	0.01
	13	4.08	3.19	-0.02	0.00	0.00	-0.03
	14	5.09	3.80	-0.02	0.00	0.00	-0.05
	15	3.90	1.24	-0.02	0.00	0.00	-0.03
	16	4.91	1.85	-0.02	0.00	0.00	-0.04
	17	-4.91	-1.85	-0.02	0.00	0.00	0.04
	18	-3.90	-1.24	-0.02	0.00	0.00	0.03
	19	-5.09	-3.80	-0.02	0.00	0.00	0.05
	20	-4.08	-3.19	-0.02	0.00	0.00	0.03
	21	-2.88	1.63	-0.02	0.00	0.00	-0.01
	22	-1.88	2.24	-0.02	0.00	0.00	-0.03
	23	-3.07	-0.32	-0.02	0.00	0.00	-0.01
	24	-2.06	0.29	-0.02	0.00	0.00	-0.02
	25	-0.63	1.94	-0.02	0.00	0.00	0.02
	26	-0.02	2.98	-0.02	0.00	0.00	0.00
	27	-2.72	1.47	-0.02	0.00	0.00	0.03
	28	-2.11	2.52	-0.02	0.00	0.00	0.01
	29	2.72	3.98	-0.02	0.00	0.00	-0.02
	30	3.32	5.03	-0.02	0.00	0.00	-0.03
	31	0.62	3.52	-0.02	0.00	0.00	-0.01
	32	1.23	4.56	-0.02	0.00	0.00	-0.03
	33	-1.23	-4.56	-0.02	0.00	0.00	0.03
	34	-0.62	-3.52	-0.02	0.00	0.00	0.01
	35	-3.32	-5.03	-0.02	0.00	0.00	0.03

	36	-2.72	-3.98	-0.02	0.00	0.00	0.02
	37	2.11	-2.52	-0.02	0.00	0.00	-0.01
	38	2.72	-1.47	-0.02	0.00	0.00	-0.03
	39	0.02	-2.98	-0.02	0.00	0.00	-0.00
	40	0.63	-1.94	-0.02	0.00	0.00	-0.02
	41	0.06	0.00	-0.02	0.00	0.00	-0.00
	42	-0.21	-0.04	-0.02	0.00	0.00	0.00
	43	0.02	0.37	-0.02	0.00	0.00	-0.00
	44	-0.04	-0.39	-0.02	0.00	0.00	0.00
	45	0.10	0.00	-0.02	0.00	0.00	-0.00
	46	-0.36	-0.06	-0.02	0.00	0.00	0.00
	47	0.04	0.61	-0.02	0.00	0.00	-0.00
	48	-0.07	-0.65	-0.02	0.00	0.00	0.00
	49	0.00	-0.00	-0.02	0.00	0.00	0.00
	50	0.02	0.00	-0.02	0.00	0.00	-0.00
	51	-0.07	-0.01	-0.02	0.00	0.00	0.00
	52	0.01	0.12	-0.02	0.00	0.00	-0.00
	53	-0.01	-0.13	-0.02	0.00	0.00	0.00
	54	0.00	-0.00	-0.02	0.00	0.00	0.00
	55	1.70	-0.24	-0.02	0.00	0.00	0.02
	56	2.53	0.26	-0.02	0.00	0.00	0.01
	57	1.55	-1.85	-0.02	0.00	0.00	0.02
	58	2.38	-1.34	-0.02	0.00	0.00	0.01
	59	3.37	2.63	-0.02	0.00	0.00	-0.03
	60	4.20	3.14	-0.02	0.00	0.00	-0.04
	61	3.22	1.02	-0.02	0.00	0.00	-0.03
	62	4.05	1.53	-0.02	0.00	0.00	-0.04
	63	-4.05	-1.53	-0.02	0.00	0.00	0.04
	64	-3.22	-1.02	-0.02	0.00	0.00	0.03
	65	-4.20	-3.14	-0.02	0.00	0.00	0.04
	66	-3.37	-2.63	-0.02	0.00	0.00	0.03
	67	-2.38	1.34	-0.02	0.00	0.00	-0.01
	68	-1.55	1.85	-0.02	0.00	0.00	-0.02
	69	-2.53	-0.26	-0.02	0.00	0.00	-0.01
	70	-1.70	0.24	-0.02	0.00	0.00	-0.02
	71	-0.52	1.60	-0.02	0.00	0.00	0.02
	72	-0.02	2.46	-0.02	0.00	0.00	0.00
	73	-2.24	1.21	-0.02	0.00	0.00	0.02
	74	-1.74	2.08	-0.02	0.00	0.00	0.01
	75	2.24	3.29	-0.02	0.00	0.00	-0.01
	76	2.74	4.15	-0.02	0.00	0.00	-0.03
	77	0.52	2.90	-0.02	0.00	0.00	-0.01
	78	1.02	3.76	-0.02	0.00	0.00	-0.02
	79	-1.02	-3.76	-0.02	0.00	0.00	0.02
	80	-0.52	-2.90	-0.02	0.00	0.00	0.01
	81	-2.74	-4.15	-0.02	0.00	0.00	0.03
	82	-2.24	-3.29	-0.02	0.00	0.00	0.01
	83	1.74	-2.08	-0.02	0.00	0.00	-0.01
	84	2.24	-1.21	-0.02	0.00	0.00	-0.02
	85	0.02	-2.46	-0.02	0.00	0.00	-0.00
	86	0.52	-1.60	-0.02	0.00	0.00	-0.02
226	1	0.09	0.00	-0.08	0.00	0.00	-0.00
	2	-0.32	-0.03	-0.08	0.00	0.00	0.00
	3	0.04	0.54	-0.08	0.00	0.00	-0.00
	4	-0.06	-0.56	-0.08	0.00	0.00	0.00
	5	0.16	0.00	-0.07	0.00	0.00	-0.00
	6	-0.54	-0.06	-0.07	0.00	0.00	0.00
	7	0.06	0.89	-0.07	0.00	0.00	-0.00
	8	-0.11	-0.93	-0.07	0.00	0.00	0.00
	9	2.06	0.20	-0.05	0.00	0.00	0.02
	10	3.07	0.57	-0.05	0.00	0.00	0.01
	11	1.88	-1.70	-0.05	0.00	0.00	0.03
	12	2.88	-1.33	-0.05	0.00	0.00	0.01
	13	4.08	2.46	-0.05	0.00	0.00	-0.03
	14	5.09	2.84	-0.05	0.00	0.00	-0.05

	15	3.90	0.56	-0.05	0.00	0.00	-0.03
	16	4.91	0.93	-0.05	0.00	0.00	-0.04
	17	-4.91	-0.93	-0.05	0.00	0.00	0.04
	18	-3.90	-0.56	-0.05	0.00	0.00	0.03
	19	-5.09	-2.84	-0.05	0.00	0.00	0.05
	20	-4.08	-2.46	-0.05	0.00	0.00	0.03
	21	-2.88	1.33	-0.05	0.00	0.00	-0.01
	22	-1.88	1.70	-0.05	0.00	0.00	-0.03
	23	-3.07	-0.57	-0.05	0.00	0.00	-0.01
	24	-2.06	-0.20	-0.05	0.00	0.00	-0.02
	25	-0.63	2.39	-0.05	0.00	0.00	0.02
	26	-0.02	3.07	-0.05	0.00	0.00	0.00
	27	-2.72	2.05	-0.05	0.00	0.00	0.03
	28	-2.11	2.73	-0.05	0.00	0.00	0.01
	29	2.72	3.63	-0.05	0.00	0.00	-0.02
	30	3.32	4.31	-0.05	0.00	0.00	-0.03
	31	0.62	3.29	-0.05	0.00	0.00	-0.01
	32	1.23	3.97	-0.05	0.00	0.00	-0.03
	33	-1.23	-3.97	-0.05	0.00	0.00	0.03
	34	-0.62	-3.29	-0.05	0.00	0.00	0.01
	35	-3.32	-4.31	-0.05	0.00	0.00	0.03
	36	-2.72	-3.63	-0.05	0.00	0.00	0.02
	37	2.11	-2.73	-0.05	0.00	0.00	-0.01
	38	2.72	-2.05	-0.05	0.00	0.00	-0.03
	39	0.02	-3.07	-0.05	0.00	0.00	-0.00
	40	0.63	-2.39	-0.05	0.00	0.00	-0.02
	41	0.06	0.00	-0.06	0.00	0.00	-0.00
	42	-0.21	-0.02	-0.06	0.00	0.00	0.00
	43	0.02	0.36	-0.06	0.00	0.00	-0.00
	44	-0.04	-0.37	-0.06	0.00	0.00	0.00
	45	0.10	0.00	-0.05	0.00	0.00	-0.00
	46	-0.36	-0.04	-0.05	0.00	0.00	0.00
	47	0.04	0.59	-0.05	0.00	0.00	-0.00
	48	-0.07	-0.62	-0.05	0.00	0.00	0.00
	49	0.00	-0.00	-0.05	0.00	0.00	0.00
	50	0.02	0.00	-0.05	0.00	0.00	-0.00
	51	-0.07	-0.01	-0.05	0.00	0.00	0.00
	52	0.01	0.12	-0.05	0.00	0.00	-0.00
	53	-0.01	-0.12	-0.05	0.00	0.00	0.00
	54	0.00	-0.00	-0.05	0.00	0.00	0.00
	55	1.70	0.17	-0.05	0.00	0.00	0.02
	56	2.53	0.47	-0.05	0.00	0.00	0.01
	57	1.55	-1.41	-0.05	0.00	0.00	0.02
	58	2.38	-1.10	-0.05	0.00	0.00	0.01
	59	3.37	2.03	-0.05	0.00	0.00	-0.03
	60	4.20	2.34	-0.05	0.00	0.00	-0.04
	61	3.22	0.46	-0.05	0.00	0.00	-0.03
	62	4.05	0.77	-0.05	0.00	0.00	-0.04
	63	-4.05	-0.77	-0.05	0.00	0.00	0.04
	64	-3.22	-0.46	-0.05	0.00	0.00	0.03
	65	-4.20	-2.34	-0.05	0.00	0.00	0.04
	66	-3.37	-2.03	-0.05	0.00	0.00	0.03
	67	-2.38	1.10	-0.05	0.00	0.00	-0.01
	68	-1.55	1.41	-0.05	0.00	0.00	-0.02
	69	-2.53	-0.47	-0.05	0.00	0.00	-0.01
	70	-1.70	-0.17	-0.05	0.00	0.00	-0.02
	71	-0.52	1.97	-0.05	0.00	0.00	0.02
	72	-0.02	2.53	-0.05	0.00	0.00	0.00
	73	-2.24	1.69	-0.05	0.00	0.00	0.02
	74	-1.74	2.25	-0.05	0.00	0.00	0.01
	75	2.24	2.99	-0.05	0.00	0.00	-0.01
	76	2.74	3.55	-0.05	0.00	0.00	-0.03
	77	0.52	2.71	-0.05	0.00	0.00	-0.01
	78	1.02	3.27	-0.05	0.00	0.00	-0.02
	79	-1.02	-3.27	-0.05	0.00	0.00	0.02

	80	-0.52	-2.71	-0.05	0.00	0.00	0.01
	81	-2.74	-3.55	-0.05	0.00	0.00	0.03
	82	-2.24	-2.99	-0.05	0.00	0.00	0.01
	83	1.74	-2.25	-0.05	0.00	0.00	-0.01
	84	2.24	-1.69	-0.05	0.00	0.00	-0.02
	85	0.02	-2.53	-0.05	0.00	0.00	-0.00
	86	0.52	-1.97	-0.05	0.00	0.00	-0.02
227	1	0.09	0.00	-0.07	0.00	0.00	-0.00
	2	-0.32	-0.02	-0.07	0.00	0.00	0.00
	3	0.04	0.52	-0.07	0.00	0.00	-0.00
	4	-0.06	-0.53	-0.07	0.00	0.00	0.00
	5	0.16	0.00	-0.06	0.00	0.00	-0.00
	6	-0.54	-0.03	-0.06	0.00	0.00	0.00
	7	0.06	0.87	-0.06	0.00	0.00	-0.00
	8	-0.11	-0.88	-0.06	0.00	0.00	0.00
	9	2.06	0.70	-0.04	0.00	0.00	0.02
	10	3.07	0.83	-0.04	0.00	0.00	0.01
	11	1.88	-1.17	-0.04	0.00	0.00	0.03
	12	2.88	-1.04	-0.04	0.00	0.00	0.01
	13	4.08	1.74	-0.04	0.00	0.00	-0.03
	14	5.09	1.87	-0.04	0.00	0.00	-0.05
	15	3.90	-0.13	-0.04	0.00	0.00	-0.03
	16	4.91	0.00	-0.04	0.00	0.00	-0.04
	17	-4.91	-0.00	-0.04	0.00	0.00	0.04
	18	-3.90	0.13	-0.04	0.00	0.00	0.03
	19	-5.09	-1.87	-0.04	0.00	0.00	0.05
	20	-4.08	-1.74	-0.04	0.00	0.00	0.03
	21	-2.88	1.04	-0.04	0.00	0.00	-0.01
	22	-1.88	1.17	-0.04	0.00	0.00	-0.03
	23	-3.07	-0.83	-0.04	0.00	0.00	-0.01
	24	-2.06	-0.70	-0.04	0.00	0.00	-0.02
	25	-0.63	2.84	-0.04	0.00	0.00	0.02
	26	-0.02	3.15	-0.04	0.00	0.00	0.00
	27	-2.72	2.63	-0.04	0.00	0.00	0.03
	28	-2.11	2.94	-0.04	0.00	0.00	0.01
	29	2.72	3.27	-0.04	0.00	0.00	-0.02
	30	3.32	3.58	-0.04	0.00	0.00	-0.03
	31	0.62	3.06	-0.04	0.00	0.00	-0.01
	32	1.23	3.37	-0.04	0.00	0.00	-0.03
	33	-1.23	-3.37	-0.04	0.00	0.00	0.03
	34	-0.62	-3.06	-0.04	0.00	0.00	0.01
	35	-3.32	-3.58	-0.04	0.00	0.00	0.03
	36	-2.72	-3.27	-0.04	0.00	0.00	0.02
	37	2.11	-2.94	-0.04	0.00	0.00	-0.01
	38	2.72	-2.63	-0.04	0.00	0.00	-0.03
	39	0.02	-3.15	-0.04	0.00	0.00	-0.00
	40	0.63	-2.84	-0.04	0.00	0.00	-0.02
	41	0.06	0.00	-0.05	0.00	0.00	-0.00
	42	-0.21	-0.01	-0.05	0.00	0.00	0.00
	43	0.02	0.35	-0.05	0.00	0.00	-0.00
	44	-0.04	-0.35	-0.05	0.00	0.00	0.00
	45	0.10	0.00	-0.04	0.00	0.00	-0.00
	46	-0.36	-0.02	-0.04	0.00	0.00	0.00
	47	0.04	0.58	-0.04	0.00	0.00	-0.00
	48	-0.07	-0.59	-0.04	0.00	0.00	0.00
	49	0.00	-0.00	-0.04	0.00	0.00	0.00
	50	0.02	0.00	-0.04	0.00	0.00	-0.00
	51	-0.07	-0.00	-0.04	0.00	0.00	0.00
	52	0.01	0.12	-0.04	0.00	0.00	-0.00
	53	-0.01	-0.12	-0.04	0.00	0.00	0.00
	54	0.00	-0.00	-0.04	0.00	0.00	0.00
	55	1.70	0.58	-0.04	0.00	0.00	0.02
	56	2.53	0.68	-0.04	0.00	0.00	0.01
	57	1.55	-0.96	-0.04	0.00	0.00	0.02
	58	2.38	-0.85	-0.04	0.00	0.00	0.01

	59	3.37	1.43	-0.04	0.00	0.00	-0.03
	60	4.20	1.54	-0.04	0.00	0.00	-0.04
	61	3.22	-0.10	-0.04	0.00	0.00	-0.03
	62	4.05	0.00	-0.04	0.00	0.00	-0.04
	63	-4.05	-0.00	-0.04	0.00	0.00	0.04
	64	-3.22	0.10	-0.04	0.00	0.00	0.03
	65	-4.20	-1.54	-0.04	0.00	0.00	0.04
	66	-3.37	-1.43	-0.04	0.00	0.00	0.03
	67	-2.38	0.85	-0.04	0.00	0.00	-0.01
	68	-1.55	0.96	-0.04	0.00	0.00	-0.02
	69	-2.53	-0.68	-0.04	0.00	0.00	-0.01
	70	-1.70	-0.58	-0.04	0.00	0.00	-0.02
	71	-0.52	2.34	-0.04	0.00	0.00	0.02
	72	-0.02	2.60	-0.04	0.00	0.00	0.00
	73	-2.24	2.17	-0.04	0.00	0.00	0.02
	74	-1.74	2.43	-0.04	0.00	0.00	0.01
	75	2.24	2.70	-0.04	0.00	0.00	-0.01
	76	2.74	2.96	-0.04	0.00	0.00	-0.03
	77	0.52	2.52	-0.04	0.00	0.00	-0.01
	78	1.02	2.78	-0.04	0.00	0.00	-0.02
	79	-1.02	-2.78	-0.04	0.00	0.00	0.02
	80	-0.52	-2.52	-0.04	0.00	0.00	0.01
	81	-2.74	-2.96	-0.04	0.00	0.00	0.03
	82	-2.24	-2.70	-0.04	0.00	0.00	0.01
	83	1.74	-2.43	-0.04	0.00	0.00	-0.01
	84	2.24	-2.17	-0.04	0.00	0.00	-0.02
	85	0.02	-2.60	-0.04	0.00	0.00	-0.00
	86	0.52	-2.34	-0.04	0.00	0.00	-0.02
228	1	0.09	-0.00	-0.07	0.00	0.00	-0.00
	2	-0.32	0.00	-0.07	0.00	0.00	0.00
	3	0.04	0.51	-0.07	0.00	0.00	-0.00
	4	-0.06	-0.50	-0.07	0.00	0.00	0.00
	5	0.16	-0.00	-0.06	0.00	0.00	-0.00
	6	-0.54	0.01	-0.06	0.00	0.00	0.00
	7	0.06	0.84	-0.06	0.00	0.00	-0.00
	8	-0.11	-0.84	-0.06	0.00	0.00	0.00
	9	2.06	1.19	-0.04	0.00	0.00	0.02
	10	3.07	1.08	-0.04	0.00	0.00	0.01
	11	1.88	-0.63	-0.04	0.00	0.00	0.03
	12	2.88	-0.74	-0.04	0.00	0.00	0.01
	13	4.08	1.01	-0.04	0.00	0.00	-0.03
	14	5.09	0.90	-0.04	0.00	0.00	-0.05
	15	3.90	-0.81	-0.04	0.00	0.00	-0.03
	16	4.91	-0.92	-0.04	0.00	0.00	-0.04
	17	-4.91	0.92	-0.04	0.00	0.00	0.04
	18	-3.90	0.81	-0.04	0.00	0.00	0.03
	19	-5.09	-0.90	-0.04	0.00	0.00	0.05
	20	-4.08	-1.01	-0.04	0.00	0.00	0.03
	21	-2.88	0.74	-0.04	0.00	0.00	-0.01
	22	-1.88	0.63	-0.04	0.00	0.00	-0.03
	23	-3.07	-1.08	-0.04	0.00	0.00	-0.01
	24	-2.06	-1.19	-0.04	0.00	0.00	-0.02
	25	-0.63	3.29	-0.04	0.00	0.00	0.02
	26	-0.02	3.23	-0.04	0.00	0.00	0.00
	27	-2.72	3.21	-0.04	0.00	0.00	0.03
	28	-2.11	3.15	-0.04	0.00	0.00	0.01
	29	2.72	2.91	-0.04	0.00	0.00	-0.02
	30	3.32	2.86	-0.04	0.00	0.00	-0.03
	31	0.62	2.83	-0.04	0.00	0.00	-0.01
	32	1.23	2.78	-0.04	0.00	0.00	-0.03
	33	-1.23	-2.78	-0.04	0.00	0.00	0.03
	34	-0.62	-2.83	-0.04	0.00	0.00	0.01
	35	-3.32	-2.86	-0.04	0.00	0.00	0.03
	36	-2.72	-2.91	-0.04	0.00	0.00	0.02
	37	2.11	-3.15	-0.04	0.00	0.00	-0.01

	38	2.72	-3.21	-0.04	0.00	0.00	-0.03
	39	0.02	-3.23	-0.04	0.00	0.00	-0.00
	40	0.63	-3.29	-0.04	0.00	0.00	-0.02
	41	0.06	-0.00	-0.05	0.00	0.00	-0.00
	42	-0.21	0.00	-0.05	0.00	0.00	0.00
	43	0.02	0.34	-0.05	0.00	0.00	-0.00
	44	-0.04	-0.34	-0.05	0.00	0.00	0.00
	45	0.10	-0.00	-0.05	0.00	0.00	-0.00
	46	-0.36	0.00	-0.05	0.00	0.00	0.00
	47	0.04	0.56	-0.05	0.00	0.00	-0.00
	48	-0.07	-0.56	-0.05	0.00	0.00	0.00
	49	0.00	0.00	-0.04	0.00	0.00	0.00
	50	0.02	-0.00	-0.04	0.00	0.00	-0.00
	51	-0.07	0.00	-0.04	0.00	0.00	0.00
	52	0.01	0.11	-0.04	0.00	0.00	-0.00
	53	-0.01	-0.11	-0.04	0.00	0.00	0.00
	54	0.00	0.00	-0.04	0.00	0.00	0.00
	55	1.70	0.98	-0.04	0.00	0.00	0.02
	56	2.53	0.89	-0.04	0.00	0.00	0.01
	57	1.55	-0.52	-0.04	0.00	0.00	0.02
	58	2.38	-0.61	-0.04	0.00	0.00	0.01
	59	3.37	0.83	-0.04	0.00	0.00	-0.03
	60	4.20	0.74	-0.04	0.00	0.00	-0.04
	61	3.22	-0.67	-0.04	0.00	0.00	-0.03
	62	4.05	-0.76	-0.04	0.00	0.00	-0.04
	63	-4.05	0.76	-0.04	0.00	0.00	0.04
	64	-3.22	0.67	-0.04	0.00	0.00	0.03
	65	-4.20	-0.74	-0.04	0.00	0.00	0.04
	66	-3.37	-0.83	-0.04	0.00	0.00	0.03
	67	-2.38	0.61	-0.04	0.00	0.00	-0.01
	68	-1.55	0.52	-0.04	0.00	0.00	-0.02
	69	-2.53	-0.89	-0.04	0.00	0.00	-0.01
	70	-1.70	-0.98	-0.04	0.00	0.00	-0.02
	71	-0.52	2.71	-0.04	0.00	0.00	0.02
	72	-0.02	2.67	-0.04	0.00	0.00	0.00
	73	-2.24	2.65	-0.04	0.00	0.00	0.02
	74	-1.74	2.60	-0.04	0.00	0.00	0.01
	75	2.24	2.40	-0.04	0.00	0.00	-0.01
	76	2.74	2.36	-0.04	0.00	0.00	-0.03
	77	0.52	2.34	-0.04	0.00	0.00	-0.01
	78	1.02	2.29	-0.04	0.00	0.00	-0.02
	79	-1.02	-2.29	-0.04	0.00	0.00	0.02
	80	-0.52	-2.34	-0.04	0.00	0.00	0.01
	81	-2.74	-2.36	-0.04	0.00	0.00	0.03
	82	-2.24	-2.40	-0.04	0.00	0.00	0.01
	83	1.74	-2.60	-0.04	0.00	0.00	-0.01
	84	2.24	-2.65	-0.04	0.00	0.00	-0.02
	85	0.02	-2.67	-0.04	0.00	0.00	-0.00
	86	0.52	-2.71	-0.04	0.00	0.00	-0.02
229	1	0.09	-0.00	-0.07	0.00	0.00	-0.00
	2	-0.32	0.02	-0.07	0.00	0.00	0.00
	3	0.04	0.49	-0.07	0.00	0.00	-0.00
	4	-0.06	-0.48	-0.07	0.00	0.00	0.00
	5	0.16	-0.00	-0.07	0.00	0.00	-0.00
	6	-0.54	0.04	-0.07	0.00	0.00	0.00
	7	0.06	0.82	-0.07	0.00	0.00	-0.00
	8	-0.11	-0.80	-0.07	0.00	0.00	0.00
	9	2.06	1.69	-0.04	0.00	0.00	0.02
	10	3.07	1.33	-0.04	0.00	0.00	0.01
	11	1.88	-0.09	-0.04	0.00	0.00	0.03
	12	2.88	-0.44	-0.04	0.00	0.00	0.01
	13	4.08	0.28	-0.04	0.00	0.00	-0.03
	14	5.09	-0.07	-0.04	0.00	0.00	-0.05
	15	3.90	-1.49	-0.04	0.00	0.00	-0.03
	16	4.91	-1.85	-0.04	0.00	0.00	-0.04

	17	-4.91	1.85	-0.04	0.00	0.00	0.04
	18	-3.90	1.49	-0.04	0.00	0.00	0.03
	19	-5.09	0.07	-0.04	0.00	0.00	0.05
	20	-4.08	-0.28	-0.04	0.00	0.00	0.03
	21	-2.88	0.44	-0.04	0.00	0.00	-0.01
	22	-1.88	0.09	-0.04	0.00	0.00	-0.03
	23	-3.07	-1.33	-0.04	0.00	0.00	-0.01
	24	-2.06	-1.69	-0.04	0.00	0.00	-0.02
	25	-0.63	3.74	-0.04	0.00	0.00	0.02
	26	-0.02	3.32	-0.04	0.00	0.00	0.00
	27	-2.72	3.79	-0.04	0.00	0.00	0.03
	28	-2.11	3.36	-0.04	0.00	0.00	0.01
	29	2.72	2.56	-0.04	0.00	0.00	-0.02
	30	3.32	2.13	-0.04	0.00	0.00	-0.03
	31	0.62	2.60	-0.04	0.00	0.00	-0.01
	32	1.23	2.18	-0.04	0.00	0.00	-0.03
	33	-1.23	-2.18	-0.04	0.00	0.00	0.03
	34	-0.62	-2.60	-0.04	0.00	0.00	0.01
	35	-3.32	-2.13	-0.04	0.00	0.00	0.03
	36	-2.72	-2.56	-0.04	0.00	0.00	0.02
	37	2.11	-3.36	-0.04	0.00	0.00	-0.01
	38	2.72	-3.79	-0.04	0.00	0.00	-0.03
	39	0.02	-3.32	-0.04	0.00	0.00	-0.00
	40	0.63	-3.74	-0.04	0.00	0.00	-0.02
	41	0.06	-0.00	-0.05	0.00	0.00	-0.00
	42	-0.21	0.02	-0.05	0.00	0.00	0.00
	43	0.02	0.33	-0.05	0.00	0.00	-0.00
	44	-0.04	-0.32	-0.05	0.00	0.00	0.00
	45	0.10	-0.00	-0.05	0.00	0.00	-0.00
	46	-0.36	0.03	-0.05	0.00	0.00	0.00
	47	0.04	0.55	-0.05	0.00	0.00	-0.00
	48	-0.07	-0.53	-0.05	0.00	0.00	0.00
	49	0.00	0.00	-0.05	0.00	0.00	0.00
	50	0.02	-0.00	-0.04	0.00	0.00	-0.00
	51	-0.07	0.01	-0.04	0.00	0.00	0.00
	52	0.01	0.11	-0.04	0.00	0.00	-0.00
	53	-0.01	-0.11	-0.04	0.00	0.00	0.00
	54	0.00	0.00	-0.04	0.00	0.00	0.00
	55	1.70	1.39	-0.04	0.00	0.00	0.02
	56	2.53	1.10	-0.04	0.00	0.00	0.01
	57	1.55	-0.07	-0.04	0.00	0.00	0.02
	58	2.38	-0.37	-0.04	0.00	0.00	0.01
	59	3.37	0.23	-0.04	0.00	0.00	-0.03
	60	4.20	-0.06	-0.04	0.00	0.00	-0.04
	61	3.22	-1.23	-0.04	0.00	0.00	-0.03
	62	4.05	-1.52	-0.04	0.00	0.00	-0.04
	63	-4.05	1.52	-0.04	0.00	0.00	0.04
	64	-3.22	1.23	-0.04	0.00	0.00	0.03
	65	-4.20	0.06	-0.04	0.00	0.00	0.04
	66	-3.37	-0.23	-0.04	0.00	0.00	0.03
	67	-2.38	0.37	-0.04	0.00	0.00	-0.01
	68	-1.55	0.07	-0.04	0.00	0.00	-0.02
	69	-2.53	-1.10	-0.04	0.00	0.00	-0.01
	70	-1.70	-1.39	-0.04	0.00	0.00	-0.02
	71	-0.52	3.08	-0.04	0.00	0.00	0.02
	72	-0.02	2.74	-0.04	0.00	0.00	0.00
	73	-2.24	3.12	-0.04	0.00	0.00	0.02
	74	-1.74	2.78	-0.04	0.00	0.00	0.01
	75	2.24	2.11	-0.04	0.00	0.00	-0.01
	76	2.74	1.76	-0.04	0.00	0.00	-0.03
	77	0.52	2.15	-0.04	0.00	0.00	-0.01
	78	1.02	1.80	-0.04	0.00	0.00	-0.02
	79	-1.02	-1.80	-0.04	0.00	0.00	0.02
	80	-0.52	-2.15	-0.04	0.00	0.00	0.01
	81	-2.74	-1.76	-0.04	0.00	0.00	0.03

	82	-2.24	-2.11	-0.04	0.00	0.00	0.01
	83	1.74	-2.78	-0.04	0.00	0.00	-0.01
	84	2.24	-3.12	-0.04	0.00	0.00	-0.02
	85	0.02	-2.74	-0.04	0.00	0.00	-0.00
	86	0.52	-3.08	-0.04	0.00	0.00	-0.02
230	1	0.09	-0.00	-0.04	0.00	0.00	-0.00
	2	-0.32	0.04	-0.04	0.00	0.00	0.00
	3	0.04	0.48	-0.04	0.00	0.00	-0.00
	4	-0.06	-0.45	-0.04	0.00	0.00	0.00
	5	0.16	-0.00	-0.04	0.00	0.00	-0.00
	6	-0.54	0.07	-0.04	0.00	0.00	0.00
	7	0.06	0.80	-0.04	0.00	0.00	-0.00
	8	-0.11	-0.75	-0.04	0.00	0.00	0.00
	9	2.06	2.18	-0.03	0.00	0.00	0.02
	10	3.07	1.59	-0.03	0.00	0.00	0.01
	11	1.88	0.45	-0.03	0.00	0.00	0.03
	12	2.88	-0.15	-0.03	0.00	0.00	0.01
	13	4.08	-0.44	-0.03	0.00	0.00	-0.03
	14	5.09	-1.04	-0.03	0.00	0.00	-0.05
	15	3.90	-2.18	-0.03	0.00	0.00	-0.03
	16	4.91	-2.77	-0.03	0.00	0.00	-0.04
	17	-4.91	2.77	-0.03	0.00	0.00	0.04
	18	-3.90	2.18	-0.03	0.00	0.00	0.03
	19	-5.09	1.04	-0.03	0.00	0.00	0.05
	20	-4.08	0.44	-0.03	0.00	0.00	0.03
	21	-2.88	0.15	-0.03	0.00	0.00	-0.01
	22	-1.88	-0.45	-0.03	0.00	0.00	-0.03
	23	-3.07	-1.59	-0.03	0.00	0.00	-0.01
	24	-2.06	-2.18	-0.03	0.00	0.00	-0.02
	25	-0.63	4.19	-0.03	0.00	0.00	0.02
	26	-0.02	3.40	-0.03	0.00	0.00	0.00
	27	-2.72	4.36	-0.03	0.00	0.00	0.03
	28	-2.11	3.58	-0.03	0.00	0.00	0.01
	29	2.72	2.20	-0.03	0.00	0.00	-0.02
	30	3.32	1.41	-0.03	0.00	0.00	-0.03
	31	0.62	2.38	-0.03	0.00	0.00	-0.01
	32	1.23	1.59	-0.03	0.00	0.00	-0.03
	33	-1.23	-1.59	-0.03	0.00	0.00	0.03
	34	-0.62	-2.38	-0.03	0.00	0.00	0.01
	35	-3.32	-1.41	-0.03	0.00	0.00	0.03
	36	-2.72	-2.20	-0.03	0.00	0.00	0.02
	37	2.11	-3.58	-0.03	0.00	0.00	-0.01
	38	2.72	-4.36	-0.03	0.00	0.00	-0.03
	39	0.02	-3.40	-0.03	0.00	0.00	-0.00
	40	0.63	-4.19	-0.03	0.00	0.00	-0.02
	41	0.06	-0.00	-0.03	0.00	0.00	-0.00
	42	-0.21	0.03	-0.03	0.00	0.00	0.00
	43	0.02	0.32	-0.03	0.00	0.00	-0.00
	44	-0.04	-0.30	-0.03	0.00	0.00	0.00
	45	0.10	-0.00	-0.03	0.00	0.00	-0.00
	46	-0.36	0.05	-0.03	0.00	0.00	0.00
	47	0.04	0.53	-0.03	0.00	0.00	-0.00
	48	-0.07	-0.50	-0.03	0.00	0.00	0.00
	49	0.00	0.00	-0.03	0.00	0.00	0.00
	50	0.02	-0.00	-0.03	0.00	0.00	-0.00
	51	-0.07	0.01	-0.03	0.00	0.00	0.00
	52	0.01	0.11	-0.03	0.00	0.00	-0.00
	53	-0.01	-0.10	-0.03	0.00	0.00	0.00
	54	0.00	0.00	-0.03	0.00	0.00	0.00
	55	1.70	1.80	-0.03	0.00	0.00	0.02
	56	2.53	1.31	-0.03	0.00	0.00	0.01
	57	1.55	0.37	-0.03	0.00	0.00	0.02
	58	2.38	-0.12	-0.03	0.00	0.00	0.01
	59	3.37	-0.37	-0.03	0.00	0.00	-0.03
	60	4.20	-0.86	-0.03	0.00	0.00	-0.04

	61	3.22	-1.80	-0.03	0.00	0.00	-0.03
	62	4.05	-2.29	-0.03	0.00	0.00	-0.04
	63	-4.05	2.29	-0.03	0.00	0.00	0.04
	64	-3.22	1.80	-0.03	0.00	0.00	0.03
	65	-4.20	0.86	-0.03	0.00	0.00	0.04
	66	-3.37	0.37	-0.03	0.00	0.00	0.03
	67	-2.38	0.12	-0.03	0.00	0.00	-0.01
	68	-1.55	-0.37	-0.03	0.00	0.00	-0.02
	69	-2.53	-1.31	-0.03	0.00	0.00	-0.01
	70	-1.70	-1.80	-0.03	0.00	0.00	-0.02
	71	-0.52	3.45	-0.03	0.00	0.00	0.02
	72	-0.02	2.80	-0.03	0.00	0.00	0.00
	73	-2.24	3.60	-0.03	0.00	0.00	0.02
	74	-1.74	2.95	-0.03	0.00	0.00	0.01
	75	2.24	1.81	-0.03	0.00	0.00	-0.01
	76	2.74	1.16	-0.03	0.00	0.00	-0.03
	77	0.52	1.96	-0.03	0.00	0.00	-0.01
	78	1.02	1.31	-0.03	0.00	0.00	-0.02
	79	-1.02	-1.31	-0.03	0.00	0.00	0.02
	80	-0.52	-1.96	-0.03	0.00	0.00	0.01
	81	-2.74	-1.16	-0.03	0.00	0.00	0.03
	82	-2.24	-1.81	-0.03	0.00	0.00	0.01
	83	1.74	-2.95	-0.03	0.00	0.00	-0.01
	84	2.24	-3.60	-0.03	0.00	0.00	-0.02
	85	0.02	-2.80	-0.03	0.00	0.00	-0.00
	86	0.52	-3.45	-0.03	0.00	0.00	-0.02
231	1	0.09	-0.00	-1.77	0.00	-0.42	-0.00
	2	-0.25	0.00	-1.77	0.00	-0.42	0.00
	3	-0.02	0.51	-1.77	0.00	-0.42	-0.00
	4	0.04	-0.51	-1.77	0.00	-0.42	0.00
	5	0.15	-0.00	-1.58	0.00	-0.38	-0.00
	6	-0.41	0.00	-1.58	0.00	-0.38	0.00
	7	-0.04	0.85	-1.58	0.00	-0.38	-0.00
	8	0.07	-0.85	-1.58	0.00	-0.38	0.00
	9	4.08	1.11	-1.04	0.00	-0.25	0.02
	10	4.10	1.04	-1.04	0.00	-0.25	0.01
	11	4.07	-0.71	-1.04	0.00	-0.25	0.03
	12	4.09	-0.79	-1.04	0.00	-0.25	0.01
	13	1.13	1.13	-1.04	0.00	-0.25	-0.03
	14	1.15	1.06	-1.04	0.00	-0.25	-0.05
	15	1.12	-0.70	-1.04	0.00	-0.25	-0.03
	16	1.14	-0.77	-1.04	0.00	-0.25	-0.04
	17	-1.14	0.77	-1.04	0.00	-0.25	0.04
	18	-1.12	0.70	-1.04	0.00	-0.25	0.03
	19	-1.15	-1.06	-1.04	0.00	-0.25	0.05
	20	-1.13	-1.13	-1.04	0.00	-0.25	0.03
	21	-4.09	0.79	-1.04	0.00	-0.25	-0.01
	22	-4.07	0.71	-1.04	0.00	-0.25	-0.03
	23	-4.10	-1.04	-1.04	0.00	-0.25	-0.01
	24	-4.08	-1.11	-1.04	0.00	-0.25	-0.02
	25	1.20	3.21	-1.04	0.00	-0.25	0.02
	26	0.32	3.22	-1.04	0.00	-0.25	0.00
	27	-0.36	3.11	-1.04	0.00	-0.25	0.03
	28	-1.25	3.12	-1.04	0.00	-0.25	0.01
	29	1.26	2.97	-1.04	0.00	-0.25	-0.02
	30	0.38	2.98	-1.04	0.00	-0.25	-0.03
	31	-0.30	2.87	-1.04	0.00	-0.25	-0.01
	32	-1.19	2.87	-1.04	0.00	-0.25	-0.03
	33	1.19	-2.87	-1.04	0.00	-0.25	0.03
	34	0.30	-2.87	-1.04	0.00	-0.25	0.01
	35	-0.38	-2.98	-1.04	0.00	-0.25	0.03
	36	-1.26	-2.97	-1.04	0.00	-0.25	0.02
	37	1.25	-3.12	-1.04	0.00	-0.25	-0.01
	38	0.36	-3.11	-1.04	0.00	-0.25	-0.03
	39	-0.32	-3.22	-1.04	0.00	-0.25	-0.00

	40	-1.20	-3.21	-1.04	0.00	-0.25	-0.02
	41	0.06	-0.00	-1.29	0.00	-0.31	-0.00
	42	-0.16	0.00	-1.29	0.00	-0.31	0.00
	43	-0.02	0.34	-1.29	0.00	-0.31	-0.00
	44	0.03	-0.34	-1.29	0.00	-0.31	0.00
	45	0.10	-0.00	-1.17	0.00	-0.28	-0.00
	46	-0.27	0.00	-1.17	0.00	-0.28	0.00
	47	-0.03	0.57	-1.17	0.00	-0.28	-0.00
	48	0.05	-0.56	-1.17	0.00	-0.28	0.00
	49	0.00	0.00	-1.09	0.00	-0.26	0.00
	50	0.02	-0.00	-1.04	0.00	-0.25	-0.00
	51	-0.05	0.00	-1.04	0.00	-0.25	0.00
	52	-0.01	0.11	-1.04	0.00	-0.25	-0.00
	53	0.01	-0.11	-1.04	0.00	-0.25	0.00
	54	0.00	0.00	-1.04	0.00	-0.25	0.00
	55	3.36	0.92	-1.04	0.00	-0.25	0.02
	56	3.38	0.86	-1.04	0.00	-0.25	0.01
	57	3.36	-0.59	-1.04	0.00	-0.25	0.02
	58	3.38	-0.65	-1.04	0.00	-0.25	0.01
	59	0.93	0.93	-1.04	0.00	-0.25	-0.03
	60	0.95	0.87	-1.04	0.00	-0.25	-0.04
	61	0.93	-0.58	-1.04	0.00	-0.25	-0.03
	62	0.94	-0.64	-1.04	0.00	-0.25	-0.04
	63	-0.94	0.64	-1.04	0.00	-0.25	0.04
	64	-0.93	0.58	-1.04	0.00	-0.25	0.03
	65	-0.95	-0.87	-1.04	0.00	-0.25	0.04
	66	-0.93	-0.93	-1.04	0.00	-0.25	0.03
	67	-3.38	0.65	-1.04	0.00	-0.25	-0.01
	68	-3.36	0.59	-1.04	0.00	-0.25	-0.02
	69	-3.38	-0.86	-1.04	0.00	-0.25	-0.01
	70	-3.36	-0.92	-1.04	0.00	-0.25	-0.02
	71	0.99	2.65	-1.04	0.00	-0.25	0.02
	72	0.26	2.66	-1.04	0.00	-0.25	0.00
	73	-0.30	2.57	-1.04	0.00	-0.25	0.02
	74	-1.03	2.57	-1.04	0.00	-0.25	0.01
	75	1.04	2.45	-1.04	0.00	-0.25	-0.01
	76	0.31	2.46	-1.04	0.00	-0.25	-0.03
	77	-0.25	2.37	-1.04	0.00	-0.25	-0.01
	78	-0.98	2.37	-1.04	0.00	-0.25	-0.02
	79	0.98	-2.37	-1.04	0.00	-0.25	0.02
	80	0.25	-2.37	-1.04	0.00	-0.25	0.01
	81	-0.31	-2.46	-1.04	0.00	-0.25	0.03
	82	-1.04	-2.45	-1.04	0.00	-0.25	0.01
	83	1.03	-2.57	-1.04	0.00	-0.25	-0.01
	84	0.30	-2.57	-1.04	0.00	-0.25	-0.02
	85	-0.26	-2.66	-1.04	0.00	-0.25	-0.00
	86	-0.99	-2.65	-1.04	0.00	-0.25	-0.02
232	1	0.09	-0.00	-2.61	0.00	0.35	-0.00
	2	-0.25	0.01	-2.61	0.00	0.35	0.00
	3	-0.02	0.50	-2.61	0.00	0.35	-0.00
	4	0.04	-0.50	-2.61	0.00	0.35	0.00
	5	0.15	-0.00	-2.34	0.00	0.31	-0.00
	6	-0.41	0.01	-2.34	0.00	0.31	0.00
	7	-0.04	0.84	-2.34	0.00	0.31	-0.00
	8	0.07	-0.83	-2.34	0.00	0.31	0.00
	9	4.08	1.32	-1.54	0.00	0.20	0.02
	10	4.10	1.14	-1.54	0.00	0.20	0.01
	11	4.07	-0.49	-1.54	0.00	0.20	0.03
	12	4.09	-0.66	-1.54	0.00	0.20	0.01
	13	1.13	0.83	-1.54	0.00	0.20	-0.03
	14	1.15	0.65	-1.54	0.00	0.20	-0.05
	15	1.12	-0.98	-1.54	0.00	0.20	-0.03
	16	1.14	-1.16	-1.54	0.00	0.20	-0.04
	17	-1.14	1.16	-1.54	0.00	0.20	0.04
	18	-1.12	0.98	-1.54	0.00	0.20	0.03

	19	-1.15	-0.65	-1.54	0.00	0.20	0.05
	20	-1.13	-0.83	-1.54	0.00	0.20	0.03
	21	-4.09	0.66	-1.54	0.00	0.20	-0.01
	22	-4.07	0.49	-1.54	0.00	0.20	-0.03
	23	-4.10	-1.14	-1.54	0.00	0.20	-0.01
	24	-4.08	-1.32	-1.54	0.00	0.20	-0.02
	25	1.20	3.40	-1.54	0.00	0.20	0.02
	26	0.32	3.25	-1.54	0.00	0.20	0.00
	27	-0.36	3.35	-1.54	0.00	0.20	0.03
	28	-1.25	3.21	-1.54	0.00	0.20	0.01
	29	1.26	2.82	-1.54	0.00	0.20	-0.02
	30	0.38	2.67	-1.54	0.00	0.20	-0.03
	31	-0.30	2.77	-1.54	0.00	0.20	-0.01
	32	-1.19	2.63	-1.54	0.00	0.20	-0.03
	33	1.19	-2.63	-1.54	0.00	0.20	0.03
	34	0.30	-2.77	-1.54	0.00	0.20	0.01
	35	-0.38	-2.67	-1.54	0.00	0.20	0.03
	36	-1.26	-2.82	-1.54	0.00	0.20	0.02
	37	1.25	-3.21	-1.54	0.00	0.20	-0.01
	38	0.36	-3.35	-1.54	0.00	0.20	-0.03
	39	-0.32	-3.25	-1.54	0.00	0.20	-0.00
	40	-1.20	-3.40	-1.54	0.00	0.20	-0.02
	41	0.06	-0.00	-1.90	0.00	0.25	-0.00
	42	-0.16	0.01	-1.90	0.00	0.25	0.00
	43	-0.02	0.34	-1.90	0.00	0.25	-0.00
	44	0.03	-0.33	-1.90	0.00	0.25	0.00
	45	0.10	-0.00	-1.72	0.00	0.23	-0.00
	46	-0.27	0.01	-1.72	0.00	0.23	0.00
	47	-0.03	0.56	-1.72	0.00	0.23	-0.00
	48	0.05	-0.55	-1.72	0.00	0.23	0.00
	49	0.00	0.00	-1.61	0.00	0.21	0.00
	50	0.02	-0.00	-1.54	0.00	0.20	-0.00
	51	-0.05	0.00	-1.54	0.00	0.20	0.00
	52	-0.01	0.11	-1.54	0.00	0.20	-0.00
	53	0.01	-0.11	-1.54	0.00	0.20	0.00
	54	0.00	0.00	-1.54	0.00	0.20	0.00
	55	3.36	1.09	-1.54	0.00	0.20	0.02
	56	3.38	0.94	-1.54	0.00	0.20	0.01
	57	3.36	-0.40	-1.54	0.00	0.20	0.02
	58	3.38	-0.55	-1.54	0.00	0.20	0.01
	59	0.93	0.68	-1.54	0.00	0.20	-0.03
	60	0.95	0.54	-1.54	0.00	0.20	-0.04
	61	0.93	-0.81	-1.54	0.00	0.20	-0.03
	62	0.94	-0.95	-1.54	0.00	0.20	-0.04
	63	-0.94	0.95	-1.54	0.00	0.20	0.04
	64	-0.93	0.81	-1.54	0.00	0.20	0.03
	65	-0.95	-0.54	-1.54	0.00	0.20	0.04
	66	-0.93	-0.68	-1.54	0.00	0.20	0.03
	67	-3.38	0.55	-1.54	0.00	0.20	-0.01
	68	-3.36	0.40	-1.54	0.00	0.20	-0.02
	69	-3.38	-0.94	-1.54	0.00	0.20	-0.01
	70	-3.36	-1.09	-1.54	0.00	0.20	-0.02
	71	0.99	2.81	-1.54	0.00	0.20	0.02
	72	0.26	2.69	-1.54	0.00	0.20	0.00
	73	-0.30	2.77	-1.54	0.00	0.20	0.02
	74	-1.03	2.65	-1.54	0.00	0.20	0.01
	75	1.04	2.33	-1.54	0.00	0.20	-0.01
	76	0.31	2.21	-1.54	0.00	0.20	-0.03
	77	-0.25	2.29	-1.54	0.00	0.20	-0.01
	78	-0.98	2.17	-1.54	0.00	0.20	-0.02
	79	0.98	-2.17	-1.54	0.00	0.20	0.02
	80	0.25	-2.29	-1.54	0.00	0.20	0.01
	81	-0.31	-2.21	-1.54	0.00	0.20	0.03
	82	-1.04	-2.33	-1.54	0.00	0.20	0.01
	83	1.03	-2.65	-1.54	0.00	0.20	-0.01

	84	0.30	-2.77	-1.54	0.00	0.20	-0.02
	85	-0.26	-2.69	-1.54	0.00	0.20	-0.00
	86	-0.99	-2.81	-1.54	0.00	0.20	-0.02
233	1	0.09	-0.00	-3.07	0.00	-0.26	-0.00
	2	-0.25	0.02	-3.07	0.00	-0.26	0.00
	3	-0.02	0.50	-3.07	0.00	-0.26	-0.00
	4	0.04	-0.49	-3.07	0.00	-0.26	0.00
	5	0.15	-0.00	-2.75	0.00	-0.23	-0.00
	6	-0.41	0.03	-2.75	0.00	-0.23	0.00
	7	-0.04	0.83	-2.75	0.00	-0.23	-0.00
	8	0.07	-0.81	-2.75	0.00	-0.23	0.00
	9	4.08	1.52	-1.81	0.00	-0.15	0.02
	10	4.10	1.25	-1.81	0.00	-0.15	0.01
	11	4.07	-0.27	-1.81	0.00	-0.15	0.03
	12	4.09	-0.54	-1.81	0.00	-0.15	0.01
	13	1.13	0.52	-1.81	0.00	-0.15	-0.03
	14	1.15	0.25	-1.81	0.00	-0.15	-0.05
	15	1.12	-1.27	-1.81	0.00	-0.15	-0.03
	16	1.14	-1.54	-1.81	0.00	-0.15	-0.04
	17	-1.14	1.54	-1.81	0.00	-0.15	0.04
	18	-1.12	1.27	-1.81	0.00	-0.15	0.03
	19	-1.15	-0.25	-1.81	0.00	-0.15	0.05
	20	-1.13	-0.52	-1.81	0.00	-0.15	0.03
	21	-4.09	0.54	-1.81	0.00	-0.15	-0.01
	22	-4.07	0.27	-1.81	0.00	-0.15	-0.03
	23	-4.10	-1.25	-1.81	0.00	-0.15	-0.01
	24	-4.08	-1.52	-1.81	0.00	-0.15	-0.02
	25	1.20	3.59	-1.81	0.00	-0.15	0.02
	26	0.32	3.29	-1.81	0.00	-0.15	0.00
	27	-0.36	3.59	-1.81	0.00	-0.15	0.03
	28	-1.25	3.29	-1.81	0.00	-0.15	0.01
	29	1.26	2.67	-1.81	0.00	-0.15	-0.02
	30	0.38	2.37	-1.81	0.00	-0.15	-0.03
	31	-0.30	2.68	-1.81	0.00	-0.15	-0.01
	32	-1.19	2.38	-1.81	0.00	-0.15	-0.03
	33	1.19	-2.38	-1.81	0.00	-0.15	0.03
	34	0.30	-2.68	-1.81	0.00	-0.15	0.01
	35	-0.38	-2.37	-1.81	0.00	-0.15	0.03
	36	-1.26	-2.67	-1.81	0.00	-0.15	0.02
	37	1.25	-3.29	-1.81	0.00	-0.15	-0.01
	38	0.36	-3.59	-1.81	0.00	-0.15	-0.03
	39	-0.32	-3.29	-1.81	0.00	-0.15	-0.00
	40	-1.20	-3.59	-1.81	0.00	-0.15	-0.02
	41	0.06	-0.00	-2.24	0.00	-0.19	-0.00
	42	-0.16	0.01	-2.24	0.00	-0.19	0.00
	43	-0.02	0.33	-2.24	0.00	-0.19	-0.00
	44	0.03	-0.32	-2.24	0.00	-0.19	0.00
	45	0.10	-0.00	-2.02	0.00	-0.17	-0.00
	46	-0.27	0.02	-2.02	0.00	-0.17	0.00
	47	-0.03	0.55	-2.02	0.00	-0.17	-0.00
	48	0.05	-0.54	-2.02	0.00	-0.17	0.00
	49	0.00	0.00	-1.90	0.00	-0.16	0.00
	50	0.02	-0.00	-1.81	0.00	-0.15	-0.00
	51	-0.05	0.00	-1.81	0.00	-0.15	0.00
	52	-0.01	0.11	-1.81	0.00	-0.15	-0.00
	53	0.01	-0.11	-1.81	0.00	-0.15	0.00
	54	0.00	0.00	-1.81	0.00	-0.15	0.00
	55	3.36	1.26	-1.81	0.00	-0.15	0.02
	56	3.38	1.03	-1.81	0.00	-0.15	0.01
	57	3.36	-0.22	-1.81	0.00	-0.15	0.02
	58	3.38	-0.45	-1.81	0.00	-0.15	0.01
	59	0.93	0.43	-1.81	0.00	-0.15	-0.03
	60	0.95	0.20	-1.81	0.00	-0.15	-0.04
	61	0.93	-1.05	-1.81	0.00	-0.15	-0.03
	62	0.94	-1.27	-1.81	0.00	-0.15	-0.04

	63	-0.94	1.27	-1.81	0.00	-0.15	0.04
	64	-0.93	1.05	-1.81	0.00	-0.15	0.03
	65	-0.95	-0.20	-1.81	0.00	-0.15	0.04
	66	-0.93	-0.43	-1.81	0.00	-0.15	0.03
	67	-3.38	0.45	-1.81	0.00	-0.15	-0.01
	68	-3.36	0.22	-1.81	0.00	-0.15	-0.02
	69	-3.38	-1.03	-1.81	0.00	-0.15	-0.01
	70	-3.36	-1.26	-1.81	0.00	-0.15	-0.02
	71	0.99	2.96	-1.81	0.00	-0.15	0.02
	72	0.26	2.71	-1.81	0.00	-0.15	0.00
	73	-0.30	2.97	-1.81	0.00	-0.15	0.02
	74	-1.03	2.72	-1.81	0.00	-0.15	0.01
	75	1.04	2.21	-1.81	0.00	-0.15	-0.01
	76	0.31	1.96	-1.81	0.00	-0.15	-0.03
	77	-0.25	2.21	-1.81	0.00	-0.15	-0.01
	78	-0.98	1.96	-1.81	0.00	-0.15	-0.02
	79	0.98	-1.96	-1.81	0.00	-0.15	0.02
	80	0.25	-2.21	-1.81	0.00	-0.15	0.01
	81	-0.31	-1.96	-1.81	0.00	-0.15	0.03
	82	-1.04	-2.21	-1.81	0.00	-0.15	0.01
	83	1.03	-2.72	-1.81	0.00	-0.15	-0.01
	84	0.30	-2.97	-1.81	0.00	-0.15	-0.02
	85	-0.26	-2.71	-1.81	0.00	-0.15	-0.00
	86	-0.99	-2.96	-1.81	0.00	-0.15	-0.02
234	1	0.09	-0.00	-1.01	0.00	0.46	-0.00
	2	-0.25	0.02	-1.01	0.00	0.46	0.00
	3	-0.02	0.49	-1.01	0.00	0.46	-0.00
	4	0.04	-0.48	-1.01	0.00	0.46	0.00
	5	0.15	-0.00	-0.91	0.00	0.41	-0.00
	6	-0.41	0.04	-0.91	0.00	0.41	0.00
	7	-0.04	0.82	-0.91	0.00	0.41	-0.00
	8	0.07	-0.79	-0.91	0.00	0.41	0.00
	9	4.08	1.73	-0.60	0.00	0.27	0.02
	10	4.10	1.36	-0.60	0.00	0.27	0.01
	11	4.07	-0.04	-0.60	0.00	0.27	0.03
	12	4.09	-0.42	-0.60	0.00	0.27	0.01
	13	1.13	0.22	-0.60	0.00	0.27	-0.03
	14	1.15	-0.16	-0.60	0.00	0.27	-0.05
	15	1.12	-1.55	-0.60	0.00	0.27	-0.03
	16	1.14	-1.93	-0.60	0.00	0.27	-0.04
	17	-1.14	1.93	-0.60	0.00	0.27	0.04
	18	-1.12	1.55	-0.60	0.00	0.27	0.03
	19	-1.15	0.16	-0.60	0.00	0.27	0.05
	20	-1.13	-0.22	-0.60	0.00	0.27	0.03
	21	-4.09	0.42	-0.60	0.00	0.27	-0.01
	22	-4.07	0.04	-0.60	0.00	0.27	-0.03
	23	-4.10	-1.36	-0.60	0.00	0.27	-0.01
	24	-4.08	-1.73	-0.60	0.00	0.27	-0.02
	25	1.20	3.78	-0.60	0.00	0.27	0.02
	26	0.32	3.32	-0.60	0.00	0.27	0.00
	27	-0.36	3.84	-0.60	0.00	0.27	0.03
	28	-1.25	3.38	-0.60	0.00	0.27	0.01
	29	1.26	2.53	-0.60	0.00	0.27	-0.02
	30	0.38	2.07	-0.60	0.00	0.27	-0.03
	31	-0.30	2.58	-0.60	0.00	0.27	-0.01
	32	-1.19	2.13	-0.60	0.00	0.27	-0.03
	33	1.19	-2.13	-0.60	0.00	0.27	0.03
	34	0.30	-2.58	-0.60	0.00	0.27	0.01
	35	-0.38	-2.07	-0.60	0.00	0.27	0.03
	36	-1.26	-2.53	-0.60	0.00	0.27	0.02
	37	1.25	-3.38	-0.60	0.00	0.27	-0.01
	38	0.36	-3.84	-0.60	0.00	0.27	-0.03
	39	-0.32	-3.32	-0.60	0.00	0.27	-0.00
	40	-1.20	-3.78	-0.60	0.00	0.27	-0.02
	41	0.06	-0.00	-0.74	0.00	0.34	-0.00

	42	-0.16	0.02	-0.74	0.00	0.34	0.00
	43	-0.02	0.33	-0.74	0.00	0.34	-0.00
	44	0.03	-0.32	-0.74	0.00	0.34	0.00
	45	0.10	-0.00	-0.67	0.00	0.30	-0.00
	46	-0.27	0.03	-0.67	0.00	0.30	0.00
	47	-0.03	0.55	-0.67	0.00	0.30	-0.00
	48	0.05	-0.53	-0.67	0.00	0.30	0.00
	49	0.00	0.00	-0.63	0.00	0.29	0.00
	50	0.02	-0.00	-0.60	0.00	0.27	-0.00
	51	-0.05	0.01	-0.60	0.00	0.27	0.00
	52	-0.01	0.11	-0.60	0.00	0.27	-0.00
	53	0.01	-0.11	-0.60	0.00	0.27	0.00
	54	0.00	0.00	-0.60	0.00	0.27	0.00
	55	3.36	1.43	-0.60	0.00	0.27	0.02
	56	3.38	1.12	-0.60	0.00	0.27	0.01
	57	3.36	-0.03	-0.60	0.00	0.27	0.02
	58	3.38	-0.34	-0.60	0.00	0.27	0.01
	59	0.93	0.18	-0.60	0.00	0.27	-0.03
	60	0.95	-0.13	-0.60	0.00	0.27	-0.04
	61	0.93	-1.28	-0.60	0.00	0.27	-0.03
	62	0.94	-1.59	-0.60	0.00	0.27	-0.04
	63	-0.94	1.59	-0.60	0.00	0.27	0.04
	64	-0.93	1.28	-0.60	0.00	0.27	0.03
	65	-0.95	0.13	-0.60	0.00	0.27	0.04
	66	-0.93	-0.18	-0.60	0.00	0.27	0.03
	67	-3.38	0.34	-0.60	0.00	0.27	-0.01
	68	-3.36	0.03	-0.60	0.00	0.27	-0.02
	69	-3.38	-1.12	-0.60	0.00	0.27	-0.01
	70	-3.36	-1.43	-0.60	0.00	0.27	-0.02
	71	0.99	3.12	-0.60	0.00	0.27	0.02
	72	0.26	2.74	-0.60	0.00	0.27	0.00
	73	-0.30	3.16	-0.60	0.00	0.27	0.02
	74	-1.03	2.79	-0.60	0.00	0.27	0.01
	75	1.04	2.08	-0.60	0.00	0.27	-0.01
	76	0.31	1.71	-0.60	0.00	0.27	-0.03
	77	-0.25	2.13	-0.60	0.00	0.27	-0.01
	78	-0.98	1.76	-0.60	0.00	0.27	-0.02
	79	0.98	-1.76	-0.60	0.00	0.27	0.02
	80	0.25	-2.13	-0.60	0.00	0.27	0.01
	81	-0.31	-1.71	-0.60	0.00	0.27	0.03
	82	-1.04	-2.08	-0.60	0.00	0.27	0.01
	83	1.03	-2.79	-0.60	0.00	0.27	-0.01
	84	0.30	-3.16	-0.60	0.00	0.27	-0.02
	85	-0.26	-2.74	-0.60	0.00	0.27	-0.00
	86	-0.99	-3.12	-0.60	0.00	0.27	-0.02
235	1	0.09	-0.00	-3.28	0.00	-0.01	-0.00
	2	-0.25	0.03	-3.28	0.00	-0.01	0.00
	3	-0.02	0.48	-3.28	0.00	-0.01	-0.00
	4	0.04	-0.47	-3.28	0.00	-0.01	0.00
	5	0.15	-0.00	-2.95	0.00	-0.01	-0.00
	6	-0.41	0.05	-2.95	0.00	-0.01	0.00
	7	-0.04	0.81	-2.95	0.00	-0.01	-0.00
	8	0.07	-0.78	-2.95	0.00	-0.01	0.00
	9	4.08	1.94	-1.96	0.00	-0.01	0.02
	10	4.10	1.46	-1.96	0.00	-0.01	0.01
	11	4.07	0.18	-1.96	0.00	-0.01	0.03
	12	4.09	-0.29	-1.96	0.00	-0.01	0.01
	13	1.13	-0.08	-1.96	0.00	-0.01	-0.03
	14	1.15	-0.56	-1.96	0.00	-0.01	-0.05
	15	1.12	-1.84	-1.96	0.00	-0.01	-0.03
	16	1.14	-2.31	-1.96	0.00	-0.01	-0.04
	17	-1.14	2.31	-1.96	0.00	-0.01	0.04
	18	-1.12	1.84	-1.96	0.00	-0.01	0.03
	19	-1.15	0.56	-1.96	0.00	-0.01	0.05
	20	-1.13	0.08	-1.96	0.00	-0.01	0.03

	21	-4.09	0.29	-1.96	0.00	-0.01	-0.01
	22	-4.07	-0.18	-1.96	0.00	-0.01	-0.03
	23	-4.10	-1.46	-1.96	0.00	-0.01	-0.01
	24	-4.08	-1.94	-1.96	0.00	-0.01	-0.02
	25	1.20	3.96	-1.96	0.00	-0.01	0.02
	26	0.32	3.36	-1.96	0.00	-0.01	0.00
	27	-0.36	4.08	-1.96	0.00	-0.01	0.03
	28	-1.25	3.47	-1.96	0.00	-0.01	0.01
	29	1.26	2.38	-1.96	0.00	-0.01	-0.02
	30	0.38	1.77	-1.96	0.00	-0.01	-0.03
	31	-0.30	2.49	-1.96	0.00	-0.01	-0.01
	32	-1.19	1.88	-1.96	0.00	-0.01	-0.03
	33	1.19	-1.88	-1.96	0.00	-0.01	0.03
	34	0.30	-2.49	-1.96	0.00	-0.01	0.01
	35	-0.38	-1.77	-1.96	0.00	-0.01	0.03
	36	-1.26	-2.38	-1.96	0.00	-0.01	0.02
	37	1.25	-3.47	-1.96	0.00	-0.01	-0.01
	38	0.36	-4.08	-1.96	0.00	-0.01	-0.03
	39	-0.32	-3.36	-1.96	0.00	-0.01	-0.00
	40	-1.20	-3.96	-1.96	0.00	-0.01	-0.02
	41	0.06	-0.00	-2.40	0.00	-0.01	-0.00
	42	-0.16	0.02	-2.40	0.00	-0.01	0.00
	43	-0.02	0.32	-2.40	0.00	-0.01	-0.00
	44	0.03	-0.31	-2.40	0.00	-0.01	0.00
	45	0.10	-0.00	-2.18	0.00	-0.01	-0.00
	46	-0.27	0.04	-2.18	0.00	-0.01	0.00
	47	-0.03	0.54	-2.18	0.00	-0.01	-0.00
	48	0.05	-0.52	-2.18	0.00	-0.01	0.00
	49	0.00	0.00	-2.05	0.00	-0.01	0.00
	50	0.02	-0.00	-1.96	0.00	-0.01	-0.00
	51	-0.05	0.01	-1.96	0.00	-0.01	0.00
	52	-0.01	0.11	-1.96	0.00	-0.01	-0.00
	53	0.01	-0.10	-1.96	0.00	-0.01	0.00
	54	0.00	0.00	-1.96	0.00	-0.01	0.00
	55	3.36	1.60	-1.96	0.00	-0.01	0.02
	56	3.38	1.21	-1.96	0.00	-0.01	0.01
	57	3.36	0.15	-1.96	0.00	-0.01	0.02
	58	3.38	-0.24	-1.96	0.00	-0.01	0.01
	59	0.93	-0.07	-1.96	0.00	-0.01	-0.03
	60	0.95	-0.46	-1.96	0.00	-0.01	-0.04
	61	0.93	-1.52	-1.96	0.00	-0.01	-0.03
	62	0.94	-1.91	-1.96	0.00	-0.01	-0.04
	63	-0.94	1.91	-1.96	0.00	-0.01	0.04
	64	-0.93	1.52	-1.96	0.00	-0.01	0.03
	65	-0.95	0.46	-1.96	0.00	-0.01	0.04
	66	-0.93	0.07	-1.96	0.00	-0.01	0.03
	67	-3.38	0.24	-1.96	0.00	-0.01	-0.01
	68	-3.36	-0.15	-1.96	0.00	-0.01	-0.02
	69	-3.38	-1.21	-1.96	0.00	-0.01	-0.01
	70	-3.36	-1.60	-1.96	0.00	-0.01	-0.02
	71	0.99	3.27	-1.96	0.00	-0.01	0.02
	72	0.26	2.77	-1.96	0.00	-0.01	0.00
	73	-0.30	3.36	-1.96	0.00	-0.01	0.02
	74	-1.03	2.86	-1.96	0.00	-0.01	0.01
	75	1.04	1.96	-1.96	0.00	-0.01	-0.01
	76	0.31	1.46	-1.96	0.00	-0.01	-0.03
	77	-0.25	2.05	-1.96	0.00	-0.01	-0.01
	78	-0.98	1.55	-1.96	0.00	-0.01	-0.02
	79	0.98	-1.55	-1.96	0.00	-0.01	0.02
	80	0.25	-2.05	-1.96	0.00	-0.01	0.01
	81	-0.31	-1.46	-1.96	0.00	-0.01	0.03
	82	-1.04	-1.96	-1.96	0.00	-0.01	0.01
	83	1.03	-2.86	-1.96	0.00	-0.01	-0.01
	84	0.30	-3.36	-1.96	0.00	-0.01	-0.02
	85	-0.26	-2.77	-1.96	0.00	-0.01	-0.00

	86	-0.99	-3.27	-1.96	0.00	-0.01	-0.02
236	1	0.09	-0.00	-0.86	0.00	-0.46	-0.00
	2	-0.25	0.04	-0.86	0.00	-0.46	0.00
	3	-0.02	0.48	-0.86	0.00	-0.46	-0.00
	4	0.04	-0.45	-0.86	0.00	-0.46	0.00
	5	0.15	-0.00	-0.77	0.00	-0.41	-0.00
	6	-0.41	0.07	-0.77	0.00	-0.41	0.00
	7	-0.04	0.80	-0.77	0.00	-0.41	-0.00
	8	0.07	-0.76	-0.77	0.00	-0.41	0.00
	9	4.08	2.14	-0.52	0.00	-0.27	0.02
	10	4.10	1.57	-0.52	0.00	-0.27	0.01
	11	4.07	0.41	-0.52	0.00	-0.27	0.03
	12	4.09	-0.17	-0.52	0.00	-0.27	0.01
	13	1.13	-0.39	-0.52	0.00	-0.27	-0.03
	14	1.15	-0.96	-0.52	0.00	-0.27	-0.05
	15	1.12	-2.12	-0.52	0.00	-0.27	-0.03
	16	1.14	-2.70	-0.52	0.00	-0.27	-0.04
	17	-1.14	2.70	-0.52	0.00	-0.27	0.04
	18	-1.12	2.12	-0.52	0.00	-0.27	0.03
	19	-1.15	0.96	-0.52	0.00	-0.27	0.05
	20	-1.13	0.39	-0.52	0.00	-0.27	0.03
	21	-4.09	0.17	-0.52	0.00	-0.27	-0.01
	22	-4.07	-0.41	-0.52	0.00	-0.27	-0.03
	23	-4.10	-1.57	-0.52	0.00	-0.27	-0.01
	24	-4.08	-2.14	-0.52	0.00	-0.27	-0.02
	25	1.20	4.15	-0.52	0.00	-0.27	0.02
	26	0.32	3.39	-0.52	0.00	-0.27	0.00
	27	-0.36	4.32	-0.52	0.00	-0.27	0.03
	28	-1.25	3.56	-0.52	0.00	-0.27	0.01
	29	1.26	2.23	-0.52	0.00	-0.27	-0.02
	30	0.38	1.47	-0.52	0.00	-0.27	-0.03
	31	-0.30	2.39	-0.52	0.00	-0.27	-0.01
	32	-1.19	1.64	-0.52	0.00	-0.27	-0.03
	33	1.19	-1.64	-0.52	0.00	-0.27	0.03
	34	0.30	-2.39	-0.52	0.00	-0.27	0.01
	35	-0.38	-1.47	-0.52	0.00	-0.27	0.03
	36	-1.26	-2.23	-0.52	0.00	-0.27	0.02
	37	1.25	-3.56	-0.52	0.00	-0.27	-0.01
	38	0.36	-4.32	-0.52	0.00	-0.27	-0.03
	39	-0.32	-3.39	-0.52	0.00	-0.27	-0.00
	40	-1.20	-4.15	-0.52	0.00	-0.27	-0.02
	41	0.06	-0.00	-0.63	0.00	-0.33	-0.00
	42	-0.16	0.03	-0.63	0.00	-0.33	0.00
	43	-0.02	0.32	-0.63	0.00	-0.33	-0.00
	44	0.03	-0.30	-0.63	0.00	-0.33	0.00
	45	0.10	-0.00	-0.57	0.00	-0.30	-0.00
	46	-0.27	0.04	-0.57	0.00	-0.30	0.00
	47	-0.03	0.53	-0.57	0.00	-0.30	-0.00
	48	0.05	-0.50	-0.57	0.00	-0.30	0.00
	49	0.00	0.00	-0.54	0.00	-0.29	0.00
	50	0.02	-0.00	-0.52	0.00	-0.27	-0.00
	51	-0.05	0.01	-0.52	0.00	-0.27	0.00
	52	-0.01	0.11	-0.52	0.00	-0.27	-0.00
	53	0.01	-0.10	-0.52	0.00	-0.27	0.00
	54	0.00	0.00	-0.52	0.00	-0.27	0.00
	55	3.36	1.77	-0.52	0.00	-0.27	0.02
	56	3.38	1.29	-0.52	0.00	-0.27	0.01
	57	3.36	0.34	-0.52	0.00	-0.27	0.02
	58	3.38	-0.14	-0.52	0.00	-0.27	0.01
	59	0.93	-0.32	-0.52	0.00	-0.27	-0.03
	60	0.95	-0.79	-0.52	0.00	-0.27	-0.04
	61	0.93	-1.75	-0.52	0.00	-0.27	-0.03
	62	0.94	-2.23	-0.52	0.00	-0.27	-0.04
	63	-0.94	2.23	-0.52	0.00	-0.27	0.04
	64	-0.93	1.75	-0.52	0.00	-0.27	0.03

	65	-0.95	0.79	-0.52	0.00	-0.27	0.04
	66	-0.93	0.32	-0.52	0.00	-0.27	0.03
	67	-3.38	0.14	-0.52	0.00	-0.27	-0.01
	68	-3.36	-0.34	-0.52	0.00	-0.27	-0.02
	69	-3.38	-1.29	-0.52	0.00	-0.27	-0.01
	70	-3.36	-1.77	-0.52	0.00	-0.27	-0.02
	71	0.99	3.43	-0.52	0.00	-0.27	0.02
	72	0.26	2.80	-0.52	0.00	-0.27	0.00
	73	-0.30	3.56	-0.52	0.00	-0.27	0.02
	74	-1.03	2.94	-0.52	0.00	-0.27	0.01
	75	1.04	1.84	-0.52	0.00	-0.27	-0.01
	76	0.31	1.21	-0.52	0.00	-0.27	-0.03
	77	-0.25	1.98	-0.52	0.00	-0.27	-0.01
	78	-0.98	1.35	-0.52	0.00	-0.27	-0.02
	79	0.98	-1.35	-0.52	0.00	-0.27	0.02
	80	0.25	-1.98	-0.52	0.00	-0.27	0.01
	81	-0.31	-1.21	-0.52	0.00	-0.27	0.03
	82	-1.04	-1.84	-0.52	0.00	-0.27	0.01
	83	1.03	-2.94	-0.52	0.00	-0.27	-0.01
	84	0.30	-3.56	-0.52	0.00	-0.27	-0.02
	85	-0.26	-2.80	-0.52	0.00	-0.27	-0.00
	86	-0.99	-3.43	-0.52	0.00	-0.27	-0.02
237	1	0.09	0.00	-0.56	0.00	0.07	-0.00
	2	-0.27	-0.05	-0.56	0.00	0.07	0.00
	3	-0.00	0.54	-0.56	0.00	0.07	-0.00
	4	0.01	-0.57	-0.56	0.00	0.07	0.00
	5	0.15	0.00	-0.51	0.00	0.06	-0.00
	6	-0.45	-0.08	-0.51	0.00	0.06	0.00
	7	-0.01	0.91	-0.51	0.00	0.06	-0.00
	8	0.01	-0.96	-0.51	0.00	0.06	0.00
	9	3.40	-0.13	-0.34	0.00	0.04	0.02
	10	3.75	0.41	-0.34	0.00	0.04	0.01
	11	3.34	-2.06	-0.34	0.00	0.04	0.03
	12	3.69	-1.53	-0.34	0.00	0.04	0.01
	13	2.11	2.95	-0.34	0.00	0.04	-0.03
	14	2.46	3.48	-0.34	0.00	0.04	-0.05
	15	2.05	1.01	-0.34	0.00	0.04	-0.03
	16	2.40	1.55	-0.34	0.00	0.04	-0.04
	17	-2.40	-1.55	-0.34	0.00	0.04	0.04
	18	-2.05	-1.01	-0.34	0.00	0.04	0.03
	19	-2.46	-3.48	-0.34	0.00	0.04	0.05
	20	-2.11	-2.95	-0.34	0.00	0.04	0.03
	21	-3.69	1.53	-0.34	0.00	0.04	-0.01
	22	-3.34	2.06	-0.34	0.00	0.04	-0.03
	23	-3.75	-0.41	-0.34	0.00	0.04	-0.01
	24	-3.40	0.13	-0.34	0.00	0.04	-0.02
	25	0.59	2.09	-0.34	0.00	0.04	0.02
	26	0.20	3.01	-0.34	0.00	0.04	0.00
	27	-1.15	1.66	-0.34	0.00	0.04	0.03
	28	-1.54	2.59	-0.34	0.00	0.04	0.01
	29	1.75	3.87	-0.34	0.00	0.04	-0.02
	30	1.36	4.79	-0.34	0.00	0.04	-0.03
	31	0.01	3.44	-0.34	0.00	0.04	-0.01
	32	-0.38	4.36	-0.34	0.00	0.04	-0.03
	33	0.38	-4.36	-0.34	0.00	0.04	0.03
	34	-0.01	-3.44	-0.34	0.00	0.04	0.01
	35	-1.36	-4.79	-0.34	0.00	0.04	0.03
	36	-1.75	-3.87	-0.34	0.00	0.04	0.02
	37	1.54	-2.59	-0.34	0.00	0.04	-0.01
	38	1.15	-1.66	-0.34	0.00	0.04	-0.03
	39	-0.20	-3.01	-0.34	0.00	0.04	-0.00
	40	-0.59	-2.09	-0.34	0.00	0.04	-0.02
	41	0.06	0.00	-0.41	0.00	0.05	-0.00
	42	-0.18	-0.03	-0.41	0.00	0.05	0.00
	43	-0.00	0.36	-0.41	0.00	0.05	-0.00

	44	0.00	-0.38	-0.41	0.00	0.05	0.00
	45	0.10	0.00	-0.38	0.00	0.05	-0.00
	46	-0.30	-0.05	-0.38	0.00	0.05	0.00
	47	-0.00	0.61	-0.38	0.00	0.05	-0.00
	48	0.01	-0.64	-0.38	0.00	0.05	0.00
	49	0.00	-0.00	-0.36	0.00	0.04	0.00
	50	0.02	0.00	-0.34	0.00	0.04	-0.00
	51	-0.06	-0.01	-0.34	0.00	0.04	0.00
	52	-0.00	0.12	-0.34	0.00	0.04	-0.00
	53	0.00	-0.13	-0.34	0.00	0.04	0.00
	54	0.00	-0.00	-0.34	0.00	0.04	0.00
	55	2.81	-0.11	-0.34	0.00	0.04	0.02
	56	3.10	0.33	-0.34	0.00	0.04	0.01
	57	2.76	-1.70	-0.34	0.00	0.04	0.02
	58	3.04	-1.26	-0.34	0.00	0.04	0.01
	59	1.74	2.43	-0.34	0.00	0.04	-0.03
	60	2.03	2.87	-0.34	0.00	0.04	-0.04
	61	1.69	0.84	-0.34	0.00	0.04	-0.03
	62	1.98	1.28	-0.34	0.00	0.04	-0.04
	63	-1.98	-1.28	-0.34	0.00	0.04	0.04
	64	-1.69	-0.84	-0.34	0.00	0.04	0.03
	65	-2.03	-2.87	-0.34	0.00	0.04	0.04
	66	-1.74	-2.43	-0.34	0.00	0.04	0.03
	67	-3.04	1.26	-0.34	0.00	0.04	-0.01
	68	-2.76	1.70	-0.34	0.00	0.04	-0.02
	69	-3.10	-0.33	-0.34	0.00	0.04	-0.01
	70	-2.81	0.11	-0.34	0.00	0.04	-0.02
	71	0.49	1.72	-0.34	0.00	0.04	0.02
	72	0.17	2.48	-0.34	0.00	0.04	0.00
	73	-0.95	1.37	-0.34	0.00	0.04	0.02
	74	-1.27	2.13	-0.34	0.00	0.04	0.01
	75	1.44	3.19	-0.34	0.00	0.04	-0.01
	76	1.12	3.95	-0.34	0.00	0.04	-0.03
	77	0.01	2.84	-0.34	0.00	0.04	-0.01
	78	-0.31	3.60	-0.34	0.00	0.04	-0.02
	79	0.31	-3.60	-0.34	0.00	0.04	0.02
	80	-0.01	-2.84	-0.34	0.00	0.04	0.01
	81	-1.12	-3.95	-0.34	0.00	0.04	0.03
	82	-1.44	-3.19	-0.34	0.00	0.04	0.01
	83	1.27	-2.13	-0.34	0.00	0.04	-0.01
	84	0.95	-1.37	-0.34	0.00	0.04	-0.02
	85	-0.17	-2.48	-0.34	0.00	0.04	-0.00
	86	-0.49	-1.72	-0.34	0.00	0.04	-0.02
238	1	0.09	0.00	-0.53	0.00	-0.08	-0.00
	2	-0.27	-0.04	-0.53	0.00	-0.08	0.00
	3	-0.00	0.54	-0.53	0.00	-0.08	-0.00
	4	0.01	-0.56	-0.53	0.00	-0.08	0.00
	5	0.15	0.00	-0.47	0.00	-0.07	-0.00
	6	-0.45	-0.06	-0.47	0.00	-0.07	0.00
	7	-0.01	0.90	-0.47	0.00	-0.07	-0.00
	8	0.01	-0.94	-0.47	0.00	-0.07	0.00
	9	3.40	0.08	-0.31	0.00	-0.05	0.02
	10	3.75	0.51	-0.31	0.00	-0.05	0.01
	11	3.34	-1.84	-0.31	0.00	-0.05	0.03
	12	3.69	-1.41	-0.31	0.00	-0.05	0.01
	13	2.11	2.65	-0.31	0.00	-0.05	-0.03
	14	2.46	3.08	-0.31	0.00	-0.05	-0.05
	15	2.05	0.73	-0.31	0.00	-0.05	-0.03
	16	2.40	1.16	-0.31	0.00	-0.05	-0.04
	17	-2.40	-1.16	-0.31	0.00	-0.05	0.04
	18	-2.05	-0.73	-0.31	0.00	-0.05	0.03
	19	-2.46	-3.08	-0.31	0.00	-0.05	0.05
	20	-2.11	-2.65	-0.31	0.00	-0.05	0.03
	21	-3.69	1.41	-0.31	0.00	-0.05	-0.01
	22	-3.34	1.84	-0.31	0.00	-0.05	-0.03

	23	-3.75	-0.51	-0.31	0.00	-0.05	-0.01
	24	-3.40	-0.08	-0.31	0.00	-0.05	-0.02
	25	0.59	2.28	-0.31	0.00	-0.05	0.02
	26	0.20	3.05	-0.31	0.00	-0.05	0.00
	27	-1.15	1.90	-0.31	0.00	-0.05	0.03
	28	-1.54	2.67	-0.31	0.00	-0.05	0.01
	29	1.75	3.72	-0.31	0.00	-0.05	-0.02
	30	1.36	4.49	-0.31	0.00	-0.05	-0.03
	31	0.01	3.35	-0.31	0.00	-0.05	-0.01
	32	-0.38	4.12	-0.31	0.00	-0.05	-0.03
	33	0.38	-4.12	-0.31	0.00	-0.05	0.03
	34	-0.01	-3.35	-0.31	0.00	-0.05	0.01
	35	-1.36	-4.49	-0.31	0.00	-0.05	0.03
	36	-1.75	-3.72	-0.31	0.00	-0.05	0.02
	37	1.54	-2.67	-0.31	0.00	-0.05	-0.01
	38	1.15	-1.90	-0.31	0.00	-0.05	-0.03
	39	-0.20	-3.05	-0.31	0.00	-0.05	-0.00
	40	-0.59	-2.28	-0.31	0.00	-0.05	-0.02
	41	0.06	0.00	-0.38	0.00	-0.06	-0.00
	42	-0.18	-0.03	-0.38	0.00	-0.06	0.00
	43	-0.00	0.36	-0.38	0.00	-0.06	-0.00
	44	0.00	-0.38	-0.38	0.00	-0.06	0.00
	45	0.10	0.00	-0.35	0.00	-0.05	-0.00
	46	-0.30	-0.04	-0.35	0.00	-0.05	0.00
	47	-0.00	0.60	-0.35	0.00	-0.05	-0.00
	48	0.01	-0.63	-0.35	0.00	-0.05	0.00
	49	0.00	-0.00	-0.33	0.00	-0.05	0.00
	50	0.02	0.00	-0.31	0.00	-0.05	-0.00
	51	-0.06	-0.01	-0.31	0.00	-0.05	0.00
	52	-0.00	0.12	-0.31	0.00	-0.05	-0.00
	53	0.00	-0.13	-0.31	0.00	-0.05	0.00
	54	0.00	-0.00	-0.31	0.00	-0.05	0.00
	55	2.81	0.06	-0.31	0.00	-0.05	0.02
	56	3.10	0.42	-0.31	0.00	-0.05	0.01
	57	2.76	-1.52	-0.31	0.00	-0.05	0.02
	58	3.04	-1.16	-0.31	0.00	-0.05	0.01
	59	1.74	2.18	-0.31	0.00	-0.05	-0.03
	60	2.03	2.54	-0.31	0.00	-0.05	-0.04
	61	1.69	0.60	-0.31	0.00	-0.05	-0.03
	62	1.98	0.96	-0.31	0.00	-0.05	-0.04
	63	-1.98	-0.96	-0.31	0.00	-0.05	0.04
	64	-1.69	-0.60	-0.31	0.00	-0.05	0.03
	65	-2.03	-2.54	-0.31	0.00	-0.05	0.04
	66	-1.74	-2.18	-0.31	0.00	-0.05	0.03
	67	-3.04	1.16	-0.31	0.00	-0.05	-0.01
	68	-2.76	1.52	-0.31	0.00	-0.05	-0.02
	69	-3.10	-0.42	-0.31	0.00	-0.05	-0.01
	70	-2.81	-0.06	-0.31	0.00	-0.05	-0.02
	71	0.49	1.88	-0.31	0.00	-0.05	0.02
	72	0.17	2.51	-0.31	0.00	-0.05	0.00
	73	-0.95	1.57	-0.31	0.00	-0.05	0.02
	74	-1.27	2.21	-0.31	0.00	-0.05	0.01
	75	1.44	3.07	-0.31	0.00	-0.05	-0.01
	76	1.12	3.70	-0.31	0.00	-0.05	-0.03
	77	0.01	2.76	-0.31	0.00	-0.05	-0.01
	78	-0.31	3.40	-0.31	0.00	-0.05	-0.02
	79	0.31	-3.40	-0.31	0.00	-0.05	0.02
	80	-0.01	-2.76	-0.31	0.00	-0.05	0.01
	81	-1.12	-3.70	-0.31	0.00	-0.05	0.03
	82	-1.44	-3.07	-0.31	0.00	-0.05	0.01
	83	1.27	-2.21	-0.31	0.00	-0.05	-0.01
	84	0.95	-1.57	-0.31	0.00	-0.05	-0.02
	85	-0.17	-2.51	-0.31	0.00	-0.05	-0.00
	86	-0.49	-1.88	-0.31	0.00	-0.05	-0.02
239	1	0.09	0.00	-0.50	0.00	0.14	-0.00

	2	-0.27	-0.03	-0.50	0.00	0.14	0.00
	3	-0.00	0.53	-0.50	0.00	0.14	-0.00
	4	0.01	-0.55	-0.50	0.00	0.14	0.00
	5	0.15	0.00	-0.45	0.00	0.13	-0.00
	6	-0.45	-0.05	-0.45	0.00	0.13	0.00
	7	-0.01	0.89	-0.45	0.00	0.13	-0.00
	8	0.01	-0.92	-0.45	0.00	0.13	0.00
	9	3.40	0.28	-0.29	0.00	0.08	0.02
	10	3.75	0.62	-0.29	0.00	0.08	0.01
	11	3.34	-1.61	-0.29	0.00	0.08	0.03
	12	3.69	-1.28	-0.29	0.00	0.08	0.01
	13	2.11	2.34	-0.29	0.00	0.08	-0.03
	14	2.46	2.67	-0.29	0.00	0.08	-0.05
	15	2.05	0.44	-0.29	0.00	0.08	-0.03
	16	2.40	0.77	-0.29	0.00	0.08	-0.04
	17	-2.40	-0.77	-0.29	0.00	0.08	0.04
	18	-2.05	-0.44	-0.29	0.00	0.08	0.03
	19	-2.46	-2.67	-0.29	0.00	0.08	0.05
	20	-2.11	-2.34	-0.29	0.00	0.08	0.03
	21	-3.69	1.28	-0.29	0.00	0.08	-0.01
	22	-3.34	1.61	-0.29	0.00	0.08	-0.03
	23	-3.75	-0.62	-0.29	0.00	0.08	-0.01
	24	-3.40	-0.28	-0.29	0.00	0.08	-0.02
	25	0.59	2.46	-0.29	0.00	0.08	0.02
	26	0.20	3.08	-0.29	0.00	0.08	0.00
	27	-1.15	2.15	-0.29	0.00	0.08	0.03
	28	-1.54	2.76	-0.29	0.00	0.08	0.01
	29	1.75	3.57	-0.29	0.00	0.08	-0.02
	30	1.36	4.19	-0.29	0.00	0.08	-0.03
	31	0.01	3.25	-0.29	0.00	0.08	-0.01
	32	-0.38	3.87	-0.29	0.00	0.08	-0.03
	33	0.38	-3.87	-0.29	0.00	0.08	0.03
	34	-0.01	-3.25	-0.29	0.00	0.08	0.01
	35	-1.36	-4.19	-0.29	0.00	0.08	0.03
	36	-1.75	-3.57	-0.29	0.00	0.08	0.02
	37	1.54	-2.76	-0.29	0.00	0.08	-0.01
	38	1.15	-2.15	-0.29	0.00	0.08	-0.03
	39	-0.20	-3.08	-0.29	0.00	0.08	-0.00
	40	-0.59	-2.46	-0.29	0.00	0.08	-0.02
	41	0.06	0.00	-0.36	0.00	0.10	-0.00
	42	-0.18	-0.02	-0.36	0.00	0.10	0.00
	43	-0.00	0.36	-0.36	0.00	0.10	-0.00
	44	0.00	-0.37	-0.36	0.00	0.10	0.00
	45	0.10	0.00	-0.33	0.00	0.09	-0.00
	46	-0.30	-0.03	-0.33	0.00	0.09	0.00
	47	-0.00	0.59	-0.33	0.00	0.09	-0.00
	48	0.01	-0.61	-0.33	0.00	0.09	0.00
	49	0.00	-0.00	-0.30	0.00	0.09	0.00
	50	0.02	0.00	-0.29	0.00	0.08	-0.00
	51	-0.06	-0.01	-0.29	0.00	0.08	0.00
	52	-0.00	0.12	-0.29	0.00	0.08	-0.00
	53	0.00	-0.12	-0.29	0.00	0.08	0.00
	54	0.00	-0.00	-0.29	0.00	0.08	0.00
	55	2.81	0.23	-0.29	0.00	0.08	0.02
	56	3.10	0.51	-0.29	0.00	0.08	0.01
	57	2.76	-1.33	-0.29	0.00	0.08	0.02
	58	3.04	-1.06	-0.29	0.00	0.08	0.01
	59	1.74	1.93	-0.29	0.00	0.08	-0.03
	60	2.03	2.21	-0.29	0.00	0.08	-0.04
	61	1.69	0.37	-0.29	0.00	0.08	-0.03
	62	1.98	0.64	-0.29	0.00	0.08	-0.04
	63	-1.98	-0.64	-0.29	0.00	0.08	0.04
	64	-1.69	-0.37	-0.29	0.00	0.08	0.03
	65	-2.03	-2.21	-0.29	0.00	0.08	0.04
	66	-1.74	-1.93	-0.29	0.00	0.08	0.03

	67	-3.04	1.06	-0.29	0.00	0.08	-0.01
	68	-2.76	1.33	-0.29	0.00	0.08	-0.02
	69	-3.10	-0.51	-0.29	0.00	0.08	-0.01
	70	-2.81	-0.23	-0.29	0.00	0.08	-0.02
	71	0.49	2.03	-0.29	0.00	0.08	0.02
	72	0.17	2.54	-0.29	0.00	0.08	0.00
	73	-0.95	1.77	-0.29	0.00	0.08	0.02
	74	-1.27	2.28	-0.29	0.00	0.08	0.01
	75	1.44	2.94	-0.29	0.00	0.08	-0.01
	76	1.12	3.45	-0.29	0.00	0.08	-0.03
	77	0.01	2.68	-0.29	0.00	0.08	-0.01
	78	-0.31	3.19	-0.29	0.00	0.08	-0.02
	79	0.31	-3.19	-0.29	0.00	0.08	0.02
	80	-0.01	-2.68	-0.29	0.00	0.08	0.01
	81	-1.12	-3.45	-0.29	0.00	0.08	0.03
	82	-1.44	-2.94	-0.29	0.00	0.08	0.01
	83	1.27	-2.28	-0.29	0.00	0.08	-0.01
	84	0.95	-1.77	-0.29	0.00	0.08	-0.02
	85	-0.17	-2.54	-0.29	0.00	0.08	-0.00
	86	-0.49	-2.03	-0.29	0.00	0.08	-0.02
240	1	0.09	0.00	-1.47	0.00	-0.01	-0.00
	2	-0.27	-0.02	-1.47	0.00	-0.01	0.00
	3	-0.00	0.53	-1.47	0.00	-0.01	-0.00
	4	0.01	-0.54	-1.47	0.00	-0.01	0.00
	5	0.15	0.00	-1.30	0.00	-0.01	-0.00
	6	-0.45	-0.04	-1.30	0.00	-0.01	0.00
	7	-0.01	0.88	-1.30	0.00	-0.01	-0.00
	8	0.01	-0.90	-1.30	0.00	-0.01	0.00
	9	3.40	0.49	-0.85	0.00	-0.01	0.02
	10	3.75	0.72	-0.85	0.00	-0.01	0.01
	11	3.34	-1.39	-0.85	0.00	-0.01	0.03
	12	3.69	-1.16	-0.85	0.00	-0.01	0.01
	13	2.11	2.04	-0.85	0.00	-0.01	-0.03
	14	2.46	2.27	-0.85	0.00	-0.01	-0.05
	15	2.05	0.16	-0.85	0.00	-0.01	-0.03
	16	2.40	0.39	-0.85	0.00	-0.01	-0.04
	17	-2.40	-0.39	-0.85	0.00	-0.01	0.04
	18	-2.05	-0.16	-0.85	0.00	-0.01	0.03
	19	-2.46	-2.27	-0.85	0.00	-0.01	0.05
	20	-2.11	-2.04	-0.85	0.00	-0.01	0.03
	21	-3.69	1.16	-0.85	0.00	-0.01	-0.01
	22	-3.34	1.39	-0.85	0.00	-0.01	-0.03
	23	-3.75	-0.72	-0.85	0.00	-0.01	-0.01
	24	-3.40	-0.49	-0.85	0.00	-0.01	-0.02
	25	0.59	2.65	-0.85	0.00	-0.01	0.02
	26	0.20	3.12	-0.85	0.00	-0.01	0.00
	27	-1.15	2.39	-0.85	0.00	-0.01	0.03
	28	-1.54	2.85	-0.85	0.00	-0.01	0.01
	29	1.75	3.42	-0.85	0.00	-0.01	-0.02
	30	1.36	3.88	-0.85	0.00	-0.01	-0.03
	31	0.01	3.16	-0.85	0.00	-0.01	-0.01
	32	-0.38	3.62	-0.85	0.00	-0.01	-0.03
	33	0.38	-3.62	-0.85	0.00	-0.01	0.03
	34	-0.01	-3.16	-0.85	0.00	-0.01	0.01
	35	-1.36	-3.88	-0.85	0.00	-0.01	0.03
	36	-1.75	-3.42	-0.85	0.00	-0.01	0.02
	37	1.54	-2.85	-0.85	0.00	-0.01	-0.01
	38	1.15	-2.39	-0.85	0.00	-0.01	-0.03
	39	-0.20	-3.12	-0.85	0.00	-0.01	-0.00
	40	-0.59	-2.65	-0.85	0.00	-0.01	-0.02
	41	0.06	0.00	-1.07	0.00	-0.01	-0.00
	42	-0.18	-0.02	-1.07	0.00	-0.01	0.00
	43	-0.00	0.35	-1.07	0.00	-0.01	-0.00
	44	0.00	-0.36	-1.07	0.00	-0.01	0.00
	45	0.10	0.00	-0.96	0.00	-0.01	-0.00

	46	-0.30	-0.03	-0.96	0.00	-0.01	0.00
	47	-0.00	0.59	-0.96	0.00	-0.01	-0.00
	48	0.01	-0.60	-0.96	0.00	-0.01	0.00
	49	0.00	-0.00	-0.89	0.00	-0.01	0.00
	50	0.02	0.00	-0.85	0.00	-0.01	-0.00
	51	-0.06	-0.01	-0.85	0.00	-0.01	0.00
	52	-0.00	0.12	-0.85	0.00	-0.01	-0.00
	53	0.00	-0.12	-0.85	0.00	-0.01	0.00
	54	0.00	-0.00	-0.85	0.00	-0.01	0.00
	55	2.81	0.41	-0.85	0.00	-0.01	0.02
	56	3.10	0.60	-0.85	0.00	-0.01	0.01
	57	2.76	-1.15	-0.85	0.00	-0.01	0.02
	58	3.04	-0.96	-0.85	0.00	-0.01	0.01
	59	1.74	1.68	-0.85	0.00	-0.01	-0.03
	60	2.03	1.87	-0.85	0.00	-0.01	-0.04
	61	1.69	0.13	-0.85	0.00	-0.01	-0.03
	62	1.98	0.32	-0.85	0.00	-0.01	-0.04
	63	-1.98	-0.32	-0.85	0.00	-0.01	0.04
	64	-1.69	-0.13	-0.85	0.00	-0.01	0.03
	65	-2.03	-1.87	-0.85	0.00	-0.01	0.04
	66	-1.74	-1.68	-0.85	0.00	-0.01	0.03
	67	-3.04	0.96	-0.85	0.00	-0.01	-0.01
	68	-2.76	1.15	-0.85	0.00	-0.01	-0.02
	69	-3.10	-0.60	-0.85	0.00	-0.01	-0.01
	70	-2.81	-0.41	-0.85	0.00	-0.01	-0.02
	71	0.49	2.19	-0.85	0.00	-0.01	0.02
	72	0.17	2.57	-0.85	0.00	-0.01	0.00
	73	-0.95	1.97	-0.85	0.00	-0.01	0.02
	74	-1.27	2.35	-0.85	0.00	-0.01	0.01
	75	1.44	2.82	-0.85	0.00	-0.01	-0.01
	76	1.12	3.20	-0.85	0.00	-0.01	-0.03
	77	0.01	2.60	-0.85	0.00	-0.01	-0.01
	78	-0.31	2.99	-0.85	0.00	-0.01	-0.02
	79	0.31	-2.99	-0.85	0.00	-0.01	0.02
	80	-0.01	-2.60	-0.85	0.00	-0.01	0.01
	81	-1.12	-3.20	-0.85	0.00	-0.01	0.03
	82	-1.44	-2.82	-0.85	0.00	-0.01	0.01
	83	1.27	-2.35	-0.85	0.00	-0.01	-0.01
	84	0.95	-1.97	-0.85	0.00	-0.01	-0.02
	85	-0.17	-2.57	-0.85	0.00	-0.01	-0.00
	86	-0.49	-2.19	-0.85	0.00	-0.01	-0.02
241	1	0.09	0.00	-0.16	0.00	0.47	-0.00
	2	-0.27	-0.02	-0.16	0.00	0.47	0.00
	3	-0.00	0.52	-0.16	0.00	0.47	-0.00
	4	0.01	-0.53	-0.16	0.00	0.47	0.00
	5	0.15	0.00	-0.14	0.00	0.42	-0.00
	6	-0.45	-0.03	-0.14	0.00	0.42	0.00
	7	-0.01	0.87	-0.14	0.00	0.42	-0.00
	8	0.01	-0.88	-0.14	0.00	0.42	0.00
	9	3.40	0.70	-0.09	0.00	0.27	0.02
	10	3.75	0.83	-0.09	0.00	0.27	0.01
	11	3.34	-1.16	-0.09	0.00	0.27	0.03
	12	3.69	-1.03	-0.09	0.00	0.27	0.01
	13	2.11	1.73	-0.09	0.00	0.27	-0.03
	14	2.46	1.86	-0.09	0.00	0.27	-0.05
	15	2.05	-0.13	-0.09	0.00	0.27	-0.03
	16	2.40	-0.00	-0.09	0.00	0.27	-0.04
	17	-2.40	0.00	-0.09	0.00	0.27	0.04
	18	-2.05	0.13	-0.09	0.00	0.27	0.03
	19	-2.46	-1.86	-0.09	0.00	0.27	0.05
	20	-2.11	-1.73	-0.09	0.00	0.27	0.03
	21	-3.69	1.03	-0.09	0.00	0.27	-0.01
	22	-3.34	1.16	-0.09	0.00	0.27	-0.03
	23	-3.75	-0.83	-0.09	0.00	0.27	-0.01
	24	-3.40	-0.70	-0.09	0.00	0.27	-0.02

	25	0.59	2.84	-0.09	0.00	0.27	0.02
	26	0.20	3.15	-0.09	0.00	0.27	0.00
	27	-1.15	2.63	-0.09	0.00	0.27	0.03
	28	-1.54	2.94	-0.09	0.00	0.27	0.01
	29	1.75	3.27	-0.09	0.00	0.27	-0.02
	30	1.36	3.58	-0.09	0.00	0.27	-0.03
	31	0.01	3.06	-0.09	0.00	0.27	-0.01
	32	-0.38	3.37	-0.09	0.00	0.27	-0.03
	33	0.38	-3.37	-0.09	0.00	0.27	0.03
	34	-0.01	-3.06	-0.09	0.00	0.27	0.01
	35	-1.36	-3.58	-0.09	0.00	0.27	0.03
	36	-1.75	-3.27	-0.09	0.00	0.27	0.02
	37	1.54	-2.94	-0.09	0.00	0.27	-0.01
	38	1.15	-2.63	-0.09	0.00	0.27	-0.03
	39	-0.20	-3.15	-0.09	0.00	0.27	-0.00
	40	-0.59	-2.84	-0.09	0.00	0.27	-0.02
	41	0.06	0.00	-0.12	0.00	0.34	-0.00
	42	-0.18	-0.01	-0.12	0.00	0.34	0.00
	43	-0.00	0.35	-0.12	0.00	0.34	-0.00
	44	0.00	-0.35	-0.12	0.00	0.34	0.00
	45	0.10	0.00	-0.10	0.00	0.31	-0.00
	46	-0.30	-0.02	-0.10	0.00	0.31	0.00
	47	-0.00	0.58	-0.10	0.00	0.31	-0.00
	48	0.01	-0.59	-0.10	0.00	0.31	0.00
	49	0.00	-0.00	-0.10	0.00	0.29	0.00
	50	0.02	0.00	-0.09	0.00	0.27	-0.00
	51	-0.06	-0.00	-0.09	0.00	0.27	0.00
	52	-0.00	0.12	-0.09	0.00	0.27	-0.00
	53	0.00	-0.12	-0.09	0.00	0.27	0.00
	54	0.00	-0.00	-0.09	0.00	0.27	0.00
	55	2.81	0.58	-0.09	0.00	0.27	0.02
	56	3.10	0.68	-0.09	0.00	0.27	0.01
	57	2.76	-0.96	-0.09	0.00	0.27	0.02
	58	3.04	-0.85	-0.09	0.00	0.27	0.01
	59	1.74	1.43	-0.09	0.00	0.27	-0.03
	60	2.03	1.54	-0.09	0.00	0.27	-0.04
	61	1.69	-0.11	-0.09	0.00	0.27	-0.03
	62	1.98	-0.00	-0.09	0.00	0.27	-0.04
	63	-1.98	0.00	-0.09	0.00	0.27	0.04
	64	-1.69	0.11	-0.09	0.00	0.27	0.03
	65	-2.03	-1.54	-0.09	0.00	0.27	0.04
	66	-1.74	-1.43	-0.09	0.00	0.27	0.03
	67	-3.04	0.85	-0.09	0.00	0.27	-0.01
	68	-2.76	0.96	-0.09	0.00	0.27	-0.02
	69	-3.10	-0.68	-0.09	0.00	0.27	-0.01
	70	-2.81	-0.58	-0.09	0.00	0.27	-0.02
	71	0.49	2.34	-0.09	0.00	0.27	0.02
	72	0.17	2.60	-0.09	0.00	0.27	0.00
	73	-0.95	2.17	-0.09	0.00	0.27	0.02
	74	-1.27	2.43	-0.09	0.00	0.27	0.01
	75	1.44	2.70	-0.09	0.00	0.27	-0.01
	76	1.12	2.95	-0.09	0.00	0.27	-0.03
	77	0.01	2.52	-0.09	0.00	0.27	-0.01
	78	-0.31	2.78	-0.09	0.00	0.27	-0.02
	79	0.31	-2.78	-0.09	0.00	0.27	0.02
	80	-0.01	-2.52	-0.09	0.00	0.27	0.01
	81	-1.12	-2.95	-0.09	0.00	0.27	0.03
	82	-1.44	-2.70	-0.09	0.00	0.27	0.01
	83	1.27	-2.43	-0.09	0.00	0.27	-0.01
	84	0.95	-2.17	-0.09	0.00	0.27	-0.02
	85	-0.17	-2.60	-0.09	0.00	0.27	-0.00
	86	-0.49	-2.34	-0.09	0.00	0.27	-0.02
242	1	0.09	0.00	-3.30	0.00	0.13	-0.00
	2	-0.27	-0.01	-3.30	0.00	0.13	0.00
	3	-0.00	0.51	-3.30	0.00	0.13	-0.00

	4	0.01	-0.52	-3.30	0.00	0.13	0.00
	5	0.15	0.00	-2.92	0.00	0.11	-0.00
	6	-0.45	-0.01	-2.92	0.00	0.11	0.00
	7	-0.01	0.86	-2.92	0.00	0.11	-0.00
	8	0.01	-0.87	-2.92	0.00	0.11	0.00
	9	3.40	0.91	-1.89	0.00	0.07	0.02
	10	3.75	0.93	-1.89	0.00	0.07	0.01
	11	3.34	-0.94	-1.89	0.00	0.07	0.03
	12	3.69	-0.91	-1.89	0.00	0.07	0.01
	13	2.11	1.43	-1.89	0.00	0.07	-0.03
	14	2.46	1.46	-1.89	0.00	0.07	-0.05
	15	2.05	-0.41	-1.89	0.00	0.07	-0.03
	16	2.40	-0.39	-1.89	0.00	0.07	-0.04
	17	-2.40	0.39	-1.89	0.00	0.07	0.04
	18	-2.05	0.41	-1.89	0.00	0.07	0.03
	19	-2.46	-1.46	-1.89	0.00	0.07	0.05
	20	-2.11	-1.43	-1.89	0.00	0.07	0.03
	21	-3.69	0.91	-1.89	0.00	0.07	-0.01
	22	-3.34	0.94	-1.89	0.00	0.07	-0.03
	23	-3.75	-0.93	-1.89	0.00	0.07	-0.01
	24	-3.40	-0.91	-1.89	0.00	0.07	-0.02
	25	0.59	3.03	-1.89	0.00	0.07	0.02
	26	0.20	3.19	-1.89	0.00	0.07	0.00
	27	-1.15	2.87	-1.89	0.00	0.07	0.03
	28	-1.54	3.03	-1.89	0.00	0.07	0.01
	29	1.75	3.12	-1.89	0.00	0.07	-0.02
	30	1.36	3.28	-1.89	0.00	0.07	-0.03
	31	0.01	2.96	-1.89	0.00	0.07	-0.01
	32	-0.38	3.12	-1.89	0.00	0.07	-0.03
	33	0.38	-3.12	-1.89	0.00	0.07	0.03
	34	-0.01	-2.96	-1.89	0.00	0.07	0.01
	35	-1.36	-3.28	-1.89	0.00	0.07	0.03
	36	-1.75	-3.12	-1.89	0.00	0.07	0.02
	37	1.54	-3.03	-1.89	0.00	0.07	-0.01
	38	1.15	-2.87	-1.89	0.00	0.07	-0.03
	39	-0.20	-3.19	-1.89	0.00	0.07	-0.00
	40	-0.59	-3.03	-1.89	0.00	0.07	-0.02
	41	0.06	0.00	-2.39	0.00	0.09	-0.00
	42	-0.18	-0.00	-2.39	0.00	0.09	0.00
	43	-0.00	0.34	-2.39	0.00	0.09	-0.00
	44	0.00	-0.35	-2.39	0.00	0.09	0.00
	45	0.10	0.00	-2.14	0.00	0.08	-0.00
	46	-0.30	-0.01	-2.14	0.00	0.08	0.00
	47	-0.00	0.57	-2.14	0.00	0.08	-0.00
	48	0.01	-0.58	-2.14	0.00	0.08	0.00
	49	0.00	-0.00	-1.99	0.00	0.08	0.00
	50	0.02	0.00	-1.89	0.00	0.07	-0.00
	51	-0.06	-0.00	-1.89	0.00	0.07	0.00
	52	-0.00	0.11	-1.89	0.00	0.07	-0.00
	53	0.00	-0.12	-1.89	0.00	0.07	0.00
	54	0.00	-0.00	-1.89	0.00	0.07	0.00
	55	2.81	0.75	-1.89	0.00	0.07	0.02
	56	3.10	0.77	-1.89	0.00	0.07	0.01
	57	2.76	-0.77	-1.89	0.00	0.07	0.02
	58	3.04	-0.75	-1.89	0.00	0.07	0.01
	59	1.74	1.18	-1.89	0.00	0.07	-0.03
	60	2.03	1.20	-1.89	0.00	0.07	-0.04
	61	1.69	-0.34	-1.89	0.00	0.07	-0.03
	62	1.98	-0.32	-1.89	0.00	0.07	-0.04
	63	-1.98	0.32	-1.89	0.00	0.07	0.04
	64	-1.69	0.34	-1.89	0.00	0.07	0.03
	65	-2.03	-1.20	-1.89	0.00	0.07	0.04
	66	-1.74	-1.18	-1.89	0.00	0.07	0.03
	67	-3.04	0.75	-1.89	0.00	0.07	-0.01
	68	-2.76	0.77	-1.89	0.00	0.07	-0.02

	69	-3.10	-0.77	-1.89	0.00	0.07	-0.01
	70	-2.81	-0.75	-1.89	0.00	0.07	-0.02
	71	0.49	2.50	-1.89	0.00	0.07	0.02
	72	0.17	2.63	-1.89	0.00	0.07	0.00
	73	-0.95	2.37	-1.89	0.00	0.07	0.02
	74	-1.27	2.50	-1.89	0.00	0.07	0.01
	75	1.44	2.57	-1.89	0.00	0.07	-0.01
	76	1.12	2.70	-1.89	0.00	0.07	-0.03
	77	0.01	2.45	-1.89	0.00	0.07	-0.01
	78	-0.31	2.58	-1.89	0.00	0.07	-0.02
	79	0.31	-2.58	-1.89	0.00	0.07	0.02
	80	-0.01	-2.45	-1.89	0.00	0.07	0.01
	81	-1.12	-2.70	-1.89	0.00	0.07	0.03
	82	-1.44	-2.57	-1.89	0.00	0.07	0.01
	83	1.27	-2.50	-1.89	0.00	0.07	-0.01
	84	0.95	-2.37	-1.89	0.00	0.07	-0.02
	85	-0.17	-2.63	-1.89	0.00	0.07	-0.00
	86	-0.49	-2.50	-1.89	0.00	0.07	-0.02
243	1	0.09	-0.00	-1.80	0.00	-0.42	-0.00
	2	-0.27	0.00	-1.80	0.00	-0.42	0.00
	3	-0.00	0.51	-1.80	0.00	-0.42	-0.00
	4	0.01	-0.51	-1.80	0.00	-0.42	0.00
	5	0.15	-0.00	-1.59	0.00	-0.38	-0.00
	6	-0.45	0.00	-1.59	0.00	-0.38	0.00
	7	-0.01	0.85	-1.59	0.00	-0.38	-0.00
	8	0.01	-0.85	-1.59	0.00	-0.38	0.00
	9	3.40	1.11	-1.03	0.00	-0.24	0.02
	10	3.75	1.04	-1.03	0.00	-0.24	0.01
	11	3.34	-0.71	-1.03	0.00	-0.24	0.03
	12	3.69	-0.79	-1.03	0.00	-0.24	0.01
	13	2.11	1.13	-1.03	0.00	-0.24	-0.03
	14	2.46	1.06	-1.03	0.00	-0.24	-0.05
	15	2.05	-0.70	-1.03	0.00	-0.24	-0.03
	16	2.40	-0.77	-1.03	0.00	-0.24	-0.04
	17	-2.40	0.77	-1.03	0.00	-0.24	0.04
	18	-2.05	0.70	-1.03	0.00	-0.24	0.03
	19	-2.46	-1.06	-1.03	0.00	-0.24	0.05
	20	-2.11	-1.13	-1.03	0.00	-0.24	0.03
	21	-3.69	0.79	-1.03	0.00	-0.24	-0.01
	22	-3.34	0.71	-1.03	0.00	-0.24	-0.03
	23	-3.75	-1.04	-1.03	0.00	-0.24	-0.01
	24	-3.40	-1.11	-1.03	0.00	-0.24	-0.02
	25	0.59	3.21	-1.03	0.00	-0.24	0.02
	26	0.20	3.22	-1.03	0.00	-0.24	0.00
	27	-1.15	3.11	-1.03	0.00	-0.24	0.03
	28	-1.54	3.12	-1.03	0.00	-0.24	0.01
	29	1.75	2.97	-1.03	0.00	-0.24	-0.02
	30	1.36	2.98	-1.03	0.00	-0.24	-0.03
	31	0.01	2.87	-1.03	0.00	-0.24	-0.01
	32	-0.38	2.87	-1.03	0.00	-0.24	-0.03
	33	0.38	-2.87	-1.03	0.00	-0.24	0.03
	34	-0.01	-2.87	-1.03	0.00	-0.24	0.01
	35	-1.36	-2.98	-1.03	0.00	-0.24	0.03
	36	-1.75	-2.97	-1.03	0.00	-0.24	0.02
	37	1.54	-3.12	-1.03	0.00	-0.24	-0.01
	38	1.15	-3.11	-1.03	0.00	-0.24	-0.03
	39	-0.20	-3.22	-1.03	0.00	-0.24	-0.00
	40	-0.59	-3.21	-1.03	0.00	-0.24	-0.02
	41	0.06	-0.00	-1.31	0.00	-0.31	-0.00
	42	-0.18	0.00	-1.31	0.00	-0.31	0.00
	43	-0.00	0.34	-1.31	0.00	-0.31	-0.00
	44	0.00	-0.34	-1.31	0.00	-0.31	0.00
	45	0.10	-0.00	-1.17	0.00	-0.28	-0.00
	46	-0.30	0.00	-1.17	0.00	-0.28	0.00
	47	-0.00	0.57	-1.17	0.00	-0.28	-0.00

	48	0.01	-0.56	-1.17	0.00	-0.28	0.00
	49	0.00	0.00	-1.09	0.00	-0.26	0.00
	50	0.02	-0.00	-1.03	0.00	-0.24	-0.00
	51	-0.06	0.00	-1.03	0.00	-0.24	0.00
	52	-0.00	0.11	-1.03	0.00	-0.24	-0.00
	53	0.00	-0.11	-1.03	0.00	-0.24	0.00
	54	0.00	0.00	-1.03	0.00	-0.24	0.00
	55	2.81	0.92	-1.03	0.00	-0.24	0.02
	56	3.10	0.86	-1.03	0.00	-0.24	0.01
	57	2.76	-0.59	-1.03	0.00	-0.24	0.02
	58	3.04	-0.65	-1.03	0.00	-0.24	0.01
	59	1.74	0.93	-1.03	0.00	-0.24	-0.03
	60	2.03	0.87	-1.03	0.00	-0.24	-0.04
	61	1.69	-0.58	-1.03	0.00	-0.24	-0.03
	62	1.98	-0.64	-1.03	0.00	-0.24	-0.04
	63	-1.98	0.64	-1.03	0.00	-0.24	0.04
	64	-1.69	0.58	-1.03	0.00	-0.24	0.03
	65	-2.03	-0.87	-1.03	0.00	-0.24	0.04
	66	-1.74	-0.93	-1.03	0.00	-0.24	0.03
	67	-3.04	0.65	-1.03	0.00	-0.24	-0.01
	68	-2.76	0.59	-1.03	0.00	-0.24	-0.02
	69	-3.10	-0.86	-1.03	0.00	-0.24	-0.01
	70	-2.81	-0.92	-1.03	0.00	-0.24	-0.02
	71	0.49	2.65	-1.03	0.00	-0.24	0.02
	72	0.17	2.66	-1.03	0.00	-0.24	0.00
	73	-0.95	2.57	-1.03	0.00	-0.24	0.02
	74	-1.27	2.57	-1.03	0.00	-0.24	0.01
	75	1.44	2.45	-1.03	0.00	-0.24	-0.01
	76	1.12	2.46	-1.03	0.00	-0.24	-0.03
	77	0.01	2.37	-1.03	0.00	-0.24	-0.01
	78	-0.31	2.37	-1.03	0.00	-0.24	-0.02
	79	0.31	-2.37	-1.03	0.00	-0.24	0.02
	80	-0.01	-2.37	-1.03	0.00	-0.24	0.01
	81	-1.12	-2.46	-1.03	0.00	-0.24	0.03
	82	-1.44	-2.45	-1.03	0.00	-0.24	0.01
	83	1.27	-2.57	-1.03	0.00	-0.24	-0.01
	84	0.95	-2.57	-1.03	0.00	-0.24	-0.02
	85	-0.17	-2.66	-1.03	0.00	-0.24	-0.00
	86	-0.49	-2.65	-1.03	0.00	-0.24	-0.02
244	1	0.09	-0.00	-2.67	0.00	0.35	-0.00
	2	-0.27	0.01	-2.67	0.00	0.35	0.00
	3	-0.00	0.50	-2.67	0.00	0.35	-0.00
	4	0.01	-0.50	-2.67	0.00	0.35	0.00
	5	0.15	-0.00	-2.36	0.00	0.31	-0.00
	6	-0.45	0.01	-2.36	0.00	0.31	0.00
	7	-0.01	0.84	-2.36	0.00	0.31	-0.00
	8	0.01	-0.83	-2.36	0.00	0.31	0.00
	9	3.40	1.32	-1.53	0.00	0.20	0.02
	10	3.75	1.14	-1.53	0.00	0.20	0.01
	11	3.34	-0.49	-1.53	0.00	0.20	0.03
	12	3.69	-0.66	-1.53	0.00	0.20	0.01
	13	2.11	0.83	-1.53	0.00	0.20	-0.03
	14	2.46	0.65	-1.53	0.00	0.20	-0.05
	15	2.05	-0.98	-1.53	0.00	0.20	-0.03
	16	2.40	-1.16	-1.53	0.00	0.20	-0.04
	17	-2.40	1.16	-1.53	0.00	0.20	0.04
	18	-2.05	0.98	-1.53	0.00	0.20	0.03
	19	-2.46	-0.65	-1.53	0.00	0.20	0.05
	20	-2.11	-0.83	-1.53	0.00	0.20	0.03
	21	-3.69	0.66	-1.53	0.00	0.20	-0.01
	22	-3.34	0.49	-1.53	0.00	0.20	-0.03
	23	-3.75	-1.14	-1.53	0.00	0.20	-0.01
	24	-3.40	-1.32	-1.53	0.00	0.20	-0.02
	25	0.59	3.40	-1.53	0.00	0.20	0.02
	26	0.20	3.25	-1.53	0.00	0.20	0.00

	27	-1.15	3.35	-1.53	0.00	0.20	0.03
	28	-1.54	3.21	-1.53	0.00	0.20	0.01
	29	1.75	2.82	-1.53	0.00	0.20	-0.02
	30	1.36	2.67	-1.53	0.00	0.20	-0.03
	31	0.01	2.77	-1.53	0.00	0.20	-0.01
	32	-0.38	2.63	-1.53	0.00	0.20	-0.03
	33	0.38	-2.63	-1.53	0.00	0.20	0.03
	34	-0.01	-2.77	-1.53	0.00	0.20	0.01
	35	-1.36	-2.67	-1.53	0.00	0.20	0.03
	36	-1.75	-2.82	-1.53	0.00	0.20	0.02
	37	1.54	-3.21	-1.53	0.00	0.20	-0.01
	38	1.15	-3.35	-1.53	0.00	0.20	-0.03
	39	-0.20	-3.25	-1.53	0.00	0.20	-0.00
	40	-0.59	-3.40	-1.53	0.00	0.20	-0.02
	41	0.06	-0.00	-1.93	0.00	0.25	-0.00
	42	-0.18	0.01	-1.93	0.00	0.25	0.00
	43	-0.00	0.34	-1.93	0.00	0.25	-0.00
	44	0.00	-0.33	-1.93	0.00	0.25	0.00
	45	0.10	-0.00	-1.73	0.00	0.23	-0.00
	46	-0.30	0.01	-1.73	0.00	0.23	0.00
	47	-0.00	0.56	-1.73	0.00	0.23	-0.00
	48	0.01	-0.55	-1.73	0.00	0.23	0.00
	49	0.00	0.00	-1.61	0.00	0.21	0.00
	50	0.02	-0.00	-1.53	0.00	0.20	-0.00
	51	-0.06	0.00	-1.53	0.00	0.20	0.00
	52	-0.00	0.11	-1.53	0.00	0.20	-0.00
	53	0.00	-0.11	-1.53	0.00	0.20	0.00
	54	0.00	0.00	-1.53	0.00	0.20	0.00
	55	2.81	1.09	-1.53	0.00	0.20	0.02
	56	3.10	0.94	-1.53	0.00	0.20	0.01
	57	2.76	-0.40	-1.53	0.00	0.20	0.02
	58	3.04	-0.55	-1.53	0.00	0.20	0.01
	59	1.74	0.68	-1.53	0.00	0.20	-0.03
	60	2.03	0.54	-1.53	0.00	0.20	-0.04
	61	1.69	-0.81	-1.53	0.00	0.20	-0.03
	62	1.98	-0.95	-1.53	0.00	0.20	-0.04
	63	-1.98	0.95	-1.53	0.00	0.20	0.04
	64	-1.69	0.81	-1.53	0.00	0.20	0.03
	65	-2.03	-0.54	-1.53	0.00	0.20	0.04
	66	-1.74	-0.68	-1.53	0.00	0.20	0.03
	67	-3.04	0.55	-1.53	0.00	0.20	-0.01
	68	-2.76	0.40	-1.53	0.00	0.20	-0.02
	69	-3.10	-0.94	-1.53	0.00	0.20	-0.01
	70	-2.81	-1.09	-1.53	0.00	0.20	-0.02
	71	0.49	2.81	-1.53	0.00	0.20	0.02
	72	0.17	2.69	-1.53	0.00	0.20	0.00
	73	-0.95	2.77	-1.53	0.00	0.20	0.02
	74	-1.27	2.65	-1.53	0.00	0.20	0.01
	75	1.44	2.33	-1.53	0.00	0.20	-0.01
	76	1.12	2.21	-1.53	0.00	0.20	-0.03
	77	0.01	2.29	-1.53	0.00	0.20	-0.01
	78	-0.31	2.17	-1.53	0.00	0.20	-0.02
	79	0.31	-2.17	-1.53	0.00	0.20	0.02
	80	-0.01	-2.29	-1.53	0.00	0.20	0.01
	81	-1.12	-2.21	-1.53	0.00	0.20	0.03
	82	-1.44	-2.33	-1.53	0.00	0.20	0.01
	83	1.27	-2.65	-1.53	0.00	0.20	-0.01
	84	0.95	-2.77	-1.53	0.00	0.20	-0.02
	85	-0.17	-2.69	-1.53	0.00	0.20	-0.00
	86	-0.49	-2.81	-1.53	0.00	0.20	-0.02
245	1	0.09	-0.00	-3.13	0.00	-0.26	-0.00
	2	-0.27	0.02	-3.13	0.00	-0.26	0.00
	3	-0.00	0.50	-3.13	0.00	-0.26	-0.00
	4	0.01	-0.49	-3.13	0.00	-0.26	0.00
	5	0.15	-0.00	-2.77	0.00	-0.23	-0.00

	6	-0.45	0.03	-2.77	0.00	-0.23	0.00
	7	-0.01	0.83	-2.77	0.00	-0.23	-0.00
	8	0.01	-0.81	-2.77	0.00	-0.23	0.00
	9	3.40	1.52	-1.79	0.00	-0.15	0.02
	10	3.75	1.25	-1.79	0.00	-0.15	0.01
	11	3.34	-0.27	-1.79	0.00	-0.15	0.03
	12	3.69	-0.54	-1.79	0.00	-0.15	0.01
	13	2.11	0.52	-1.79	0.00	-0.15	-0.03
	14	2.46	0.25	-1.79	0.00	-0.15	-0.05
	15	2.05	-1.27	-1.79	0.00	-0.15	-0.03
	16	2.40	-1.54	-1.79	0.00	-0.15	-0.04
	17	-2.40	1.54	-1.79	0.00	-0.15	0.04
	18	-2.05	1.27	-1.79	0.00	-0.15	0.03
	19	-2.46	-0.25	-1.79	0.00	-0.15	0.05
	20	-2.11	-0.52	-1.79	0.00	-0.15	0.03
	21	-3.69	0.54	-1.79	0.00	-0.15	-0.01
	22	-3.34	0.27	-1.79	0.00	-0.15	-0.03
	23	-3.75	-1.25	-1.79	0.00	-0.15	-0.01
	24	-3.40	-1.52	-1.79	0.00	-0.15	-0.02
	25	0.59	3.59	-1.79	0.00	-0.15	0.02
	26	0.20	3.29	-1.79	0.00	-0.15	0.00
	27	-1.15	3.59	-1.79	0.00	-0.15	0.03
	28	-1.54	3.29	-1.79	0.00	-0.15	0.01
	29	1.75	2.67	-1.79	0.00	-0.15	-0.02
	30	1.36	2.37	-1.79	0.00	-0.15	-0.03
	31	0.01	2.68	-1.79	0.00	-0.15	-0.01
	32	-0.38	2.38	-1.79	0.00	-0.15	-0.03
	33	0.38	-2.38	-1.79	0.00	-0.15	0.03
	34	-0.01	-2.68	-1.79	0.00	-0.15	0.01
	35	-1.36	-2.37	-1.79	0.00	-0.15	0.03
	36	-1.75	-2.67	-1.79	0.00	-0.15	0.02
	37	1.54	-3.29	-1.79	0.00	-0.15	-0.01
	38	1.15	-3.59	-1.79	0.00	-0.15	-0.03
	39	-0.20	-3.29	-1.79	0.00	-0.15	-0.00
	40	-0.59	-3.59	-1.79	0.00	-0.15	-0.02
	41	0.06	-0.00	-2.27	0.00	-0.19	-0.00
	42	-0.18	0.01	-2.27	0.00	-0.19	0.00
	43	-0.00	0.33	-2.27	0.00	-0.19	-0.00
	44	0.00	-0.32	-2.27	0.00	-0.19	0.00
	45	0.10	-0.00	-2.03	0.00	-0.17	-0.00
	46	-0.30	0.02	-2.03	0.00	-0.17	0.00
	47	-0.00	0.55	-2.03	0.00	-0.17	-0.00
	48	0.01	-0.54	-2.03	0.00	-0.17	0.00
	49	0.00	0.00	-1.89	0.00	-0.16	0.00
	50	0.02	-0.00	-1.79	0.00	-0.15	-0.00
	51	-0.06	0.00	-1.79	0.00	-0.15	0.00
	52	-0.00	0.11	-1.79	0.00	-0.15	-0.00
	53	0.00	-0.11	-1.79	0.00	-0.15	0.00
	54	0.00	0.00	-1.79	0.00	-0.15	0.00
	55	2.81	1.26	-1.79	0.00	-0.15	0.02
	56	3.10	1.03	-1.79	0.00	-0.15	0.01
	57	2.76	-0.22	-1.79	0.00	-0.15	0.02
	58	3.04	-0.45	-1.79	0.00	-0.15	0.01
	59	1.74	0.43	-1.79	0.00	-0.15	-0.03
	60	2.03	0.20	-1.79	0.00	-0.15	-0.04
	61	1.69	-1.05	-1.79	0.00	-0.15	-0.03
	62	1.98	-1.27	-1.79	0.00	-0.15	-0.04
	63	-1.98	1.27	-1.79	0.00	-0.15	0.04
	64	-1.69	1.05	-1.79	0.00	-0.15	0.03
	65	-2.03	-0.20	-1.79	0.00	-0.15	0.04
	66	-1.74	-0.43	-1.79	0.00	-0.15	0.03
	67	-3.04	0.45	-1.79	0.00	-0.15	-0.01
	68	-2.76	0.22	-1.79	0.00	-0.15	-0.02
	69	-3.10	-1.03	-1.79	0.00	-0.15	-0.01
	70	-2.81	-1.26	-1.79	0.00	-0.15	-0.02

	71	0.49	2.96	-1.79	0.00	-0.15	0.02
	72	0.17	2.71	-1.79	0.00	-0.15	0.00
	73	-0.95	2.97	-1.79	0.00	-0.15	0.02
	74	-1.27	2.72	-1.79	0.00	-0.15	0.01
	75	1.44	2.21	-1.79	0.00	-0.15	-0.01
	76	1.12	1.96	-1.79	0.00	-0.15	-0.03
	77	0.01	2.21	-1.79	0.00	-0.15	-0.01
	78	-0.31	1.96	-1.79	0.00	-0.15	-0.02
	79	0.31	-1.96	-1.79	0.00	-0.15	0.02
	80	-0.01	-2.21	-1.79	0.00	-0.15	0.01
	81	-1.12	-1.96	-1.79	0.00	-0.15	0.03
	82	-1.44	-2.21	-1.79	0.00	-0.15	0.01
	83	1.27	-2.72	-1.79	0.00	-0.15	-0.01
	84	0.95	-2.97	-1.79	0.00	-0.15	-0.02
	85	-0.17	-2.71	-1.79	0.00	-0.15	-0.00
	86	-0.49	-2.96	-1.79	0.00	-0.15	-0.02
246	1	0.09	-0.00	-1.03	0.00	0.46	-0.00
	2	-0.27	0.02	-1.03	0.00	0.46	0.00
	3	-0.00	0.49	-1.03	0.00	0.46	-0.00
	4	0.01	-0.48	-1.03	0.00	0.46	0.00
	5	0.15	-0.00	-0.92	0.00	0.41	-0.00
	6	-0.45	0.04	-0.92	0.00	0.41	0.00
	7	-0.01	0.82	-0.92	0.00	0.41	-0.00
	8	0.01	-0.79	-0.92	0.00	0.41	0.00
	9	3.40	1.73	-0.60	0.00	0.27	0.02
	10	3.75	1.36	-0.60	0.00	0.27	0.01
	11	3.34	-0.04	-0.60	0.00	0.27	0.03
	12	3.69	-0.42	-0.60	0.00	0.27	0.01
	13	2.11	0.22	-0.60	0.00	0.27	-0.03
	14	2.46	-0.16	-0.60	0.00	0.27	-0.05
	15	2.05	-1.55	-0.60	0.00	0.27	-0.03
	16	2.40	-1.93	-0.60	0.00	0.27	-0.04
	17	-2.40	1.93	-0.60	0.00	0.27	0.04
	18	-2.05	1.55	-0.60	0.00	0.27	0.03
	19	-2.46	0.16	-0.60	0.00	0.27	0.05
	20	-2.11	-0.22	-0.60	0.00	0.27	0.03
	21	-3.69	0.42	-0.60	0.00	0.27	-0.01
	22	-3.34	0.04	-0.60	0.00	0.27	-0.03
	23	-3.75	-1.36	-0.60	0.00	0.27	-0.01
	24	-3.40	-1.73	-0.60	0.00	0.27	-0.02
	25	0.59	3.78	-0.60	0.00	0.27	0.02
	26	0.20	3.32	-0.60	0.00	0.27	0.00
	27	-1.15	3.84	-0.60	0.00	0.27	0.03
	28	-1.54	3.38	-0.60	0.00	0.27	0.01
	29	1.75	2.53	-0.60	0.00	0.27	-0.02
	30	1.36	2.07	-0.60	0.00	0.27	-0.03
	31	0.01	2.58	-0.60	0.00	0.27	-0.01
	32	-0.38	2.13	-0.60	0.00	0.27	-0.03
	33	0.38	-2.13	-0.60	0.00	0.27	0.03
	34	-0.01	-2.58	-0.60	0.00	0.27	0.01
	35	-1.36	-2.07	-0.60	0.00	0.27	0.03
	36	-1.75	-2.53	-0.60	0.00	0.27	0.02
	37	1.54	-3.38	-0.60	0.00	0.27	-0.01
	38	1.15	-3.84	-0.60	0.00	0.27	-0.03
	39	-0.20	-3.32	-0.60	0.00	0.27	-0.00
	40	-0.59	-3.78	-0.60	0.00	0.27	-0.02
	41	0.06	-0.00	-0.75	0.00	0.34	-0.00
	42	-0.18	0.02	-0.75	0.00	0.34	0.00
	43	-0.00	0.33	-0.75	0.00	0.34	-0.00
	44	0.00	-0.32	-0.75	0.00	0.34	0.00
	45	0.10	-0.00	-0.68	0.00	0.30	-0.00
	46	-0.30	0.03	-0.68	0.00	0.30	0.00
	47	-0.00	0.55	-0.68	0.00	0.30	-0.00
	48	0.01	-0.53	-0.68	0.00	0.30	0.00
	49	0.00	0.00	-0.63	0.00	0.28	0.00

	50	0.02	-0.00	-0.60	0.00	0.27	-0.00
	51	-0.06	0.01	-0.60	0.00	0.27	0.00
	52	-0.00	0.11	-0.60	0.00	0.27	-0.00
	53	0.00	-0.11	-0.60	0.00	0.27	0.00
	54	0.00	0.00	-0.60	0.00	0.27	0.00
	55	2.81	1.43	-0.60	0.00	0.27	0.02
	56	3.10	1.12	-0.60	0.00	0.27	0.01
	57	2.76	-0.03	-0.60	0.00	0.27	0.02
	58	3.04	-0.34	-0.60	0.00	0.27	0.01
	59	1.74	0.18	-0.60	0.00	0.27	-0.03
	60	2.03	-0.13	-0.60	0.00	0.27	-0.04
	61	1.69	-1.28	-0.60	0.00	0.27	-0.03
	62	1.98	-1.59	-0.60	0.00	0.27	-0.04
	63	-1.98	1.59	-0.60	0.00	0.27	0.04
	64	-1.69	1.28	-0.60	0.00	0.27	0.03
	65	-2.03	0.13	-0.60	0.00	0.27	0.04
	66	-1.74	-0.18	-0.60	0.00	0.27	0.03
	67	-3.04	0.34	-0.60	0.00	0.27	-0.01
	68	-2.76	0.03	-0.60	0.00	0.27	-0.02
	69	-3.10	-1.12	-0.60	0.00	0.27	-0.01
	70	-2.81	-1.43	-0.60	0.00	0.27	-0.02
	71	0.49	3.12	-0.60	0.00	0.27	0.02
	72	0.17	2.74	-0.60	0.00	0.27	0.00
	73	-0.95	3.16	-0.60	0.00	0.27	0.02
	74	-1.27	2.79	-0.60	0.00	0.27	0.01
	75	1.44	2.03	-0.60	0.00	0.27	-0.01
	76	1.12	1.71	-0.60	0.00	0.27	-0.03
	77	0.01	2.13	-0.60	0.00	0.27	-0.01
	78	-0.31	1.76	-0.60	0.00	0.27	-0.02
	79	0.31	-1.76	-0.60	0.00	0.27	0.02
	80	-0.01	-2.13	-0.60	0.00	0.27	0.01
	81	-1.12	-1.71	-0.60	0.00	0.27	0.03
	82	-1.44	-2.08	-0.60	0.00	0.27	0.01
	83	1.27	-2.79	-0.60	0.00	0.27	-0.01
	84	0.95	-3.16	-0.60	0.00	0.27	-0.02
	85	-0.17	-2.74	-0.60	0.00	0.27	-0.00
	86	-0.49	-3.12	-0.60	0.00	0.27	-0.02
247	1	0.09	-0.00	-3.32	0.00	-0.01	-0.00
	2	-0.27	0.03	-3.32	0.00	-0.01	0.00
	3	-0.00	0.48	-3.32	0.00	-0.01	-0.00
	4	0.01	-0.47	-3.32	0.00	-0.01	0.00
	5	0.15	-0.00	-2.96	0.00	-0.01	-0.00
	6	-0.45	0.05	-2.96	0.00	-0.01	0.00
	7	-0.01	0.81	-2.96	0.00	-0.01	-0.00
	8	0.01	-0.78	-2.96	0.00	-0.01	0.00
	9	3.40	1.94	-1.93	0.00	-0.01	0.02
	10	3.75	1.46	-1.93	0.00	-0.01	0.01
	11	3.34	0.18	-1.93	0.00	-0.01	0.03
	12	3.69	-0.29	-1.93	0.00	-0.01	0.01
	13	2.11	-0.08	-1.93	0.00	-0.01	-0.03
	14	2.46	-0.56	-1.93	0.00	-0.01	-0.05
	15	2.05	-1.84	-1.93	0.00	-0.01	-0.03
	16	2.40	-2.31	-1.93	0.00	-0.01	-0.04
	17	-2.40	2.31	-1.93	0.00	-0.01	0.04
	18	-2.05	1.84	-1.93	0.00	-0.01	0.03
	19	-2.46	0.56	-1.93	0.00	-0.01	0.05
	20	-2.11	0.08	-1.93	0.00	-0.01	0.03
	21	-3.69	0.29	-1.93	0.00	-0.01	-0.01
	22	-3.34	-0.18	-1.93	0.00	-0.01	-0.03
	23	-3.75	-1.46	-1.93	0.00	-0.01	-0.01
	24	-3.40	-1.94	-1.93	0.00	-0.01	-0.02
	25	0.59	3.96	-1.93	0.00	-0.01	0.02
	26	0.20	3.36	-1.93	0.00	-0.01	0.00
	27	-1.15	4.08	-1.93	0.00	-0.01	0.03
	28	-1.54	3.47	-1.93	0.00	-0.01	0.01

	29	1.75	2.38	-1.93	0.00	-0.01	-0.02
	30	1.36	1.77	-1.93	0.00	-0.01	-0.03
	31	0.01	2.49	-1.93	0.00	-0.01	-0.01
	32	-0.38	1.88	-1.93	0.00	-0.01	-0.03
	33	0.38	-1.88	-1.93	0.00	-0.01	0.03
	34	-0.01	-2.49	-1.93	0.00	-0.01	0.01
	35	-1.36	-1.77	-1.93	0.00	-0.01	0.03
	36	-1.75	-2.38	-1.93	0.00	-0.01	0.02
	37	1.54	-3.47	-1.93	0.00	-0.01	-0.01
	38	1.15	-4.08	-1.93	0.00	-0.01	-0.03
	39	-0.20	-3.36	-1.93	0.00	-0.01	-0.00
	40	-0.59	-3.96	-1.93	0.00	-0.01	-0.02
	41	0.06	-0.00	-2.42	0.00	-0.01	-0.00
	42	-0.18	0.02	-2.42	0.00	-0.01	0.00
	43	-0.00	0.32	-2.42	0.00	-0.01	-0.00
	44	0.00	-0.31	-2.42	0.00	-0.01	0.00
	45	0.10	-0.00	-2.17	0.00	-0.01	-0.00
	46	-0.30	0.04	-2.17	0.00	-0.01	0.00
	47	-0.00	0.54	-2.17	0.00	-0.01	-0.00
	48	0.01	-0.52	-2.17	0.00	-0.01	0.00
	49	0.00	0.00	-2.03	0.00	-0.01	0.00
	50	0.02	-0.00	-1.93	0.00	-0.01	-0.00
	51	-0.06	0.01	-1.93	0.00	-0.01	0.00
	52	-0.00	0.11	-1.93	0.00	-0.01	-0.00
	53	0.00	-0.10	-1.93	0.00	-0.01	0.00
	54	0.00	0.00	-1.93	0.00	-0.01	0.00
	55	2.81	1.60	-1.93	0.00	-0.01	0.02
	56	3.10	1.21	-1.93	0.00	-0.01	0.01
	57	2.76	0.15	-1.93	0.00	-0.01	0.02
	58	3.04	-0.24	-1.93	0.00	-0.01	0.01
	59	1.74	-0.07	-1.93	0.00	-0.01	-0.03
	60	2.03	-0.46	-1.93	0.00	-0.01	-0.04
	61	1.69	-1.52	-1.93	0.00	-0.01	-0.03
	62	1.98	-1.91	-1.93	0.00	-0.01	-0.04
	63	-1.98	1.91	-1.93	0.00	-0.01	0.04
	64	-1.69	1.52	-1.93	0.00	-0.01	0.03
	65	-2.03	0.46	-1.93	0.00	-0.01	0.04
	66	-1.74	0.07	-1.93	0.00	-0.01	0.03
	67	-3.04	0.24	-1.93	0.00	-0.01	-0.01
	68	-2.76	-0.15	-1.93	0.00	-0.01	-0.02
	69	-3.10	-1.21	-1.93	0.00	-0.01	-0.01
	70	-2.81	-1.60	-1.93	0.00	-0.01	-0.02
	71	0.49	3.27	-1.93	0.00	-0.01	0.02
	72	0.17	2.77	-1.93	0.00	-0.01	0.00
	73	-0.95	3.36	-1.93	0.00	-0.01	0.02
	74	-1.27	2.86	-1.93	0.00	-0.01	0.01
	75	1.44	1.96	-1.93	0.00	-0.01	-0.01
	76	1.12	1.46	-1.93	0.00	-0.01	-0.03
	77	0.01	2.05	-1.93	0.00	-0.01	-0.01
	78	-0.31	1.55	-1.93	0.00	-0.01	-0.02
	79	0.31	-1.55	-1.93	0.00	-0.01	0.02
	80	-0.01	-2.05	-1.93	0.00	-0.01	0.01
	81	-1.12	-1.46	-1.93	0.00	-0.01	0.03
	82	-1.44	-1.96	-1.93	0.00	-0.01	0.01
	83	1.27	-2.86	-1.93	0.00	-0.01	-0.01
	84	0.95	-3.36	-1.93	0.00	-0.01	-0.02
	85	-0.17	-2.77	-1.93	0.00	-0.01	-0.00
	86	-0.49	-3.27	-1.93	0.00	-0.01	-0.02
248	1	0.09	-0.00	-0.87	0.00	-0.46	-0.00
	2	-0.27	0.04	-0.87	0.00	-0.46	0.00
	3	-0.00	0.48	-0.87	0.00	-0.46	-0.00
	4	0.01	-0.45	-0.87	0.00	-0.46	0.00
	5	0.15	-0.00	-0.78	0.00	-0.41	-0.00
	6	-0.45	0.07	-0.78	0.00	-0.41	0.00
	7	-0.01	0.80	-0.78	0.00	-0.41	-0.00

	8	0.01	-0.76	-0.78	0.00	-0.41	0.00
	9	3.40	2.14	-0.51	0.00	-0.27	0.02
	10	3.75	1.57	-0.51	0.00	-0.27	0.01
	11	3.34	0.41	-0.51	0.00	-0.27	0.03
	12	3.69	-0.17	-0.51	0.00	-0.27	0.01
	13	2.11	-0.39	-0.51	0.00	-0.27	-0.03
	14	2.46	-0.96	-0.51	0.00	-0.27	-0.05
	15	2.05	-2.12	-0.51	0.00	-0.27	-0.03
	16	2.40	-2.70	-0.51	0.00	-0.27	-0.04
	17	-2.40	2.70	-0.51	0.00	-0.27	0.04
	18	-2.05	2.12	-0.51	0.00	-0.27	0.03
	19	-2.46	0.96	-0.51	0.00	-0.27	0.05
	20	-2.11	0.39	-0.51	0.00	-0.27	0.03
	21	-3.69	0.17	-0.51	0.00	-0.27	-0.01
	22	-3.34	-0.41	-0.51	0.00	-0.27	-0.03
	23	-3.75	-1.57	-0.51	0.00	-0.27	-0.01
	24	-3.40	-2.14	-0.51	0.00	-0.27	-0.02
	25	0.59	4.15	-0.51	0.00	-0.27	0.02
	26	0.20	3.39	-0.51	0.00	-0.27	0.00
	27	-1.15	4.32	-0.51	0.00	-0.27	0.03
	28	-1.54	3.56	-0.51	0.00	-0.27	0.01
	29	1.75	2.23	-0.51	0.00	-0.27	-0.02
	30	1.36	1.47	-0.51	0.00	-0.27	-0.03
	31	0.01	2.39	-0.51	0.00	-0.27	-0.01
	32	-0.38	1.64	-0.51	0.00	-0.27	-0.03
	33	0.38	-1.64	-0.51	0.00	-0.27	0.03
	34	-0.01	-2.39	-0.51	0.00	-0.27	0.01
	35	-1.36	-1.47	-0.51	0.00	-0.27	0.03
	36	-1.75	-2.23	-0.51	0.00	-0.27	0.02
	37	1.54	-3.56	-0.51	0.00	-0.27	-0.01
	38	1.15	-4.32	-0.51	0.00	-0.27	-0.03
	39	-0.20	-3.39	-0.51	0.00	-0.27	-0.00
	40	-0.59	-4.15	-0.51	0.00	-0.27	-0.02
	41	0.06	-0.00	-0.63	0.00	-0.33	-0.00
	42	-0.18	0.03	-0.63	0.00	-0.33	0.00
	43	-0.00	0.32	-0.63	0.00	-0.33	-0.00
	44	0.00	-0.30	-0.63	0.00	-0.33	0.00
	45	0.10	-0.00	-0.57	0.00	-0.30	-0.00
	46	-0.30	0.04	-0.57	0.00	-0.30	0.00
	47	-0.00	0.53	-0.57	0.00	-0.30	-0.00
	48	0.01	-0.50	-0.57	0.00	-0.30	0.00
	49	0.00	0.00	-0.53	0.00	-0.28	0.00
	50	0.02	-0.00	-0.51	0.00	-0.27	-0.00
	51	-0.06	0.01	-0.51	0.00	-0.27	0.00
	52	-0.00	0.11	-0.51	0.00	-0.27	-0.00
	53	0.00	-0.10	-0.51	0.00	-0.27	0.00
	54	0.00	0.00	-0.51	0.00	-0.27	0.00
	55	2.81	1.77	-0.51	0.00	-0.27	0.02
	56	3.10	1.29	-0.51	0.00	-0.27	0.01
	57	2.76	0.34	-0.51	0.00	-0.27	0.02
	58	3.04	-0.14	-0.51	0.00	-0.27	0.01
	59	1.74	-0.32	-0.51	0.00	-0.27	-0.03
	60	2.03	-0.79	-0.51	0.00	-0.27	-0.04
	61	1.69	-1.75	-0.51	0.00	-0.27	-0.03
	62	1.98	-2.23	-0.51	0.00	-0.27	-0.04
	63	-1.98	2.23	-0.51	0.00	-0.27	0.04
	64	-1.69	1.75	-0.51	0.00	-0.27	0.03
	65	-2.03	0.79	-0.51	0.00	-0.27	0.04
	66	-1.74	0.32	-0.51	0.00	-0.27	0.03
	67	-3.04	0.14	-0.51	0.00	-0.27	-0.01
	68	-2.76	-0.34	-0.51	0.00	-0.27	-0.02
	69	-3.10	-1.29	-0.51	0.00	-0.27	-0.01
	70	-2.81	-1.77	-0.51	0.00	-0.27	-0.02
	71	0.49	3.43	-0.51	0.00	-0.27	0.02
	72	0.17	2.80	-0.51	0.00	-0.27	0.00

	73	-0.95	3.56	-0.51	0.00	-0.27	0.02
	74	-1.27	2.94	-0.51	0.00	-0.27	0.01
	75	1.44	1.84	-0.51	0.00	-0.27	-0.01
	76	1.12	1.21	-0.51	0.00	-0.27	-0.03
	77	0.01	1.98	-0.51	0.00	-0.27	-0.01
	78	-0.31	1.35	-0.51	0.00	-0.27	-0.02
	79	0.31	-1.35	-0.51	0.00	-0.27	0.02
	80	-0.01	-1.98	-0.51	0.00	-0.27	0.01
	81	-1.12	-1.21	-0.51	0.00	-0.27	0.03
	82	-1.44	-1.84	-0.51	0.00	-0.27	0.01
	83	1.27	-2.94	-0.51	0.00	-0.27	-0.01
	84	0.95	-3.56	-0.51	0.00	-0.27	-0.02
	85	-0.17	-2.80	-0.51	0.00	-0.27	-0.00
	86	-0.49	-3.43	-0.51	0.00	-0.27	-0.02
249	1	0.09	0.00	-0.56	0.00	0.07	-0.00
	2	-0.30	-0.05	-0.56	0.00	0.07	0.00
	3	0.02	0.54	-0.56	0.00	0.07	-0.00
	4	-0.03	-0.57	-0.56	0.00	0.07	0.00
	5	0.16	0.00	-0.51	0.00	0.06	-0.00
	6	-0.49	-0.08	-0.51	0.00	0.06	0.00
	7	0.03	0.91	-0.51	0.00	0.06	-0.00
	8	-0.05	-0.96	-0.51	0.00	0.06	0.00
	9	2.73	-0.13	-0.34	0.00	0.04	0.02
	10	3.41	0.41	-0.34	0.00	0.04	0.01
	11	2.61	-2.06	-0.34	0.00	0.04	0.03
	12	3.29	-1.53	-0.34	0.00	0.04	0.01
	13	3.10	2.95	-0.34	0.00	0.04	-0.03
	14	3.77	3.48	-0.34	0.00	0.04	-0.05
	15	2.98	1.01	-0.34	0.00	0.04	-0.03
	16	3.65	1.55	-0.34	0.00	0.04	-0.04
	17	-3.65	-1.55	-0.34	0.00	0.04	0.04
	18	-2.98	-1.01	-0.34	0.00	0.04	0.03
	19	-3.77	-3.48	-0.34	0.00	0.04	0.05
	20	-3.10	-2.95	-0.34	0.00	0.04	0.03
	21	-3.29	1.53	-0.34	0.00	0.04	-0.01
	22	-2.61	2.06	-0.34	0.00	0.04	-0.03
	23	-3.41	-0.41	-0.34	0.00	0.04	-0.01
	24	-2.73	0.13	-0.34	0.00	0.04	-0.02
	25	-0.02	2.09	-0.34	0.00	0.04	0.02
	26	0.09	3.01	-0.34	0.00	0.04	0.00
	27	-1.93	1.66	-0.34	0.00	0.04	0.03
	28	-1.82	2.59	-0.34	0.00	0.04	0.01
	29	2.23	3.87	-0.34	0.00	0.04	-0.02
	30	2.34	4.79	-0.34	0.00	0.04	-0.03
	31	0.32	3.44	-0.34	0.00	0.04	-0.01
	32	0.43	4.36	-0.34	0.00	0.04	-0.03
	33	-0.43	-4.36	-0.34	0.00	0.04	0.03
	34	-0.32	-3.44	-0.34	0.00	0.04	0.01
	35	-2.34	-4.79	-0.34	0.00	0.04	0.03
	36	-2.23	-3.87	-0.34	0.00	0.04	0.02
	37	1.82	-2.59	-0.34	0.00	0.04	-0.01
	38	1.93	-1.66	-0.34	0.00	0.04	-0.03
	39	-0.09	-3.01	-0.34	0.00	0.04	-0.00
	40	0.02	-2.09	-0.34	0.00	0.04	-0.02
	41	0.06	0.00	-0.41	0.00	0.05	-0.00
	42	-0.20	-0.03	-0.41	0.00	0.05	0.00
	43	0.01	0.36	-0.41	0.00	0.05	-0.00
	44	-0.02	-0.38	-0.41	0.00	0.05	0.00
	45	0.10	0.00	-0.38	0.00	0.05	-0.00
	46	-0.33	-0.05	-0.38	0.00	0.05	0.00
	47	0.02	0.61	-0.38	0.00	0.05	-0.00
	48	-0.03	-0.64	-0.38	0.00	0.05	0.00
	49	0.00	-0.00	-0.36	0.00	0.04	0.00
	50	0.02	0.00	-0.34	0.00	0.04	-0.00
	51	-0.07	-0.01	-0.34	0.00	0.04	0.00

	52	0.00	0.12	-0.34	0.00	0.04	-0.00
	53	-0.01	-0.13	-0.34	0.00	0.04	0.00
	54	0.00	-0.00	-0.34	0.00	0.04	0.00
	55	2.26	-0.11	-0.34	0.00	0.04	0.02
	56	2.81	0.33	-0.34	0.00	0.04	0.01
	57	2.15	-1.70	-0.34	0.00	0.04	0.02
	58	2.71	-1.26	-0.34	0.00	0.04	0.01
	59	2.56	2.43	-0.34	0.00	0.04	-0.03
	60	3.11	2.87	-0.34	0.00	0.04	-0.04
	61	2.46	0.84	-0.34	0.00	0.04	-0.03
	62	3.01	1.28	-0.34	0.00	0.04	-0.04
	63	-3.01	-1.28	-0.34	0.00	0.04	0.04
	64	-2.46	-0.84	-0.34	0.00	0.04	0.03
	65	-3.11	-2.87	-0.34	0.00	0.04	0.04
	66	-2.56	-2.43	-0.34	0.00	0.04	0.03
	67	-2.71	1.26	-0.34	0.00	0.04	-0.01
	68	-2.15	1.70	-0.34	0.00	0.04	-0.02
	69	-2.81	-0.33	-0.34	0.00	0.04	-0.01
	70	-2.26	0.11	-0.34	0.00	0.04	-0.02
	71	-0.01	1.72	-0.34	0.00	0.04	0.02
	72	0.08	2.48	-0.34	0.00	0.04	0.00
	73	-1.60	1.37	-0.34	0.00	0.04	0.02
	74	-1.50	2.13	-0.34	0.00	0.04	0.01
	75	1.84	3.19	-0.34	0.00	0.04	-0.01
	76	1.93	3.95	-0.34	0.00	0.04	-0.03
	77	0.26	2.84	-0.34	0.00	0.04	-0.01
	78	0.35	3.60	-0.34	0.00	0.04	-0.02
	79	-0.35	-3.60	-0.34	0.00	0.04	0.02
	80	-0.26	-2.84	-0.34	0.00	0.04	0.01
	81	-1.93	-3.95	-0.34	0.00	0.04	0.03
	82	-1.84	-3.19	-0.34	0.00	0.04	0.01
	83	1.50	-2.13	-0.34	0.00	0.04	-0.01
	84	1.60	-1.37	-0.34	0.00	0.04	-0.02
	85	-0.08	-2.48	-0.34	0.00	0.04	-0.00
	86	0.01	-1.72	-0.34	0.00	0.04	-0.02
250	1	0.09	0.00	-0.53	0.00	-0.08	-0.00
	2	-0.30	-0.04	-0.53	0.00	-0.08	0.00
	3	0.02	0.54	-0.53	0.00	-0.08	-0.00
	4	-0.03	-0.56	-0.53	0.00	-0.08	0.00
	5	0.16	0.00	-0.47	0.00	-0.07	-0.00
	6	-0.49	-0.06	-0.47	0.00	-0.07	0.00
	7	0.03	0.90	-0.47	0.00	-0.07	-0.00
	8	-0.05	-0.94	-0.47	0.00	-0.07	0.00
	9	2.73	0.08	-0.31	0.00	-0.05	0.02
	10	3.41	0.51	-0.31	0.00	-0.05	0.01
	11	2.61	-1.84	-0.31	0.00	-0.05	0.03
	12	3.29	-1.41	-0.31	0.00	-0.05	0.01
	13	3.10	2.65	-0.31	0.00	-0.05	-0.03
	14	3.77	3.08	-0.31	0.00	-0.05	-0.05
	15	2.98	0.73	-0.31	0.00	-0.05	-0.03
	16	3.65	1.16	-0.31	0.00	-0.05	-0.04
	17	-3.65	-1.16	-0.31	0.00	-0.05	0.04
	18	-2.98	-0.73	-0.31	0.00	-0.05	0.03
	19	-3.77	-3.08	-0.31	0.00	-0.05	0.05
	20	-3.10	-2.65	-0.31	0.00	-0.05	0.03
	21	-3.29	1.41	-0.31	0.00	-0.05	-0.01
	22	-2.61	1.84	-0.31	0.00	-0.05	-0.03
	23	-3.41	-0.51	-0.31	0.00	-0.05	-0.01
	24	-2.73	-0.08	-0.31	0.00	-0.05	-0.02
	25	-0.02	2.28	-0.31	0.00	-0.05	0.02
	26	0.09	3.05	-0.31	0.00	-0.05	0.00
	27	-1.93	1.90	-0.31	0.00	-0.05	0.03
	28	-1.82	2.67	-0.31	0.00	-0.05	0.01
	29	2.23	3.72	-0.31	0.00	-0.05	-0.02
	30	2.34	4.49	-0.31	0.00	-0.05	-0.03

	31	0.32	3.35	-0.31	0.00	-0.05	-0.01
	32	0.43	4.12	-0.31	0.00	-0.05	-0.03
	33	-0.43	-4.12	-0.31	0.00	-0.05	0.03
	34	-0.32	-3.35	-0.31	0.00	-0.05	0.01
	35	-2.34	-4.49	-0.31	0.00	-0.05	0.03
	36	-2.23	-3.72	-0.31	0.00	-0.05	0.02
	37	1.82	-2.67	-0.31	0.00	-0.05	-0.01
	38	1.93	-1.90	-0.31	0.00	-0.05	-0.03
	39	-0.09	-3.05	-0.31	0.00	-0.05	-0.00
	40	0.02	-2.28	-0.31	0.00	-0.05	-0.02
	41	0.06	0.00	-0.38	0.00	-0.06	-0.00
	42	-0.20	-0.03	-0.38	0.00	-0.06	0.00
	43	0.01	0.36	-0.38	0.00	-0.06	-0.00
	44	-0.02	-0.38	-0.38	0.00	-0.06	0.00
	45	0.10	0.00	-0.35	0.00	-0.05	-0.00
	46	-0.33	-0.04	-0.35	0.00	-0.05	0.00
	47	0.02	0.60	-0.35	0.00	-0.05	-0.00
	48	-0.03	-0.63	-0.35	0.00	-0.05	0.00
	49	0.00	-0.00	-0.33	0.00	-0.05	0.00
	50	0.02	0.00	-0.31	0.00	-0.05	-0.00
	51	-0.07	-0.01	-0.31	0.00	-0.05	0.00
	52	0.00	0.12	-0.31	0.00	-0.05	-0.00
	53	-0.01	-0.13	-0.31	0.00	-0.05	0.00
	54	0.00	-0.00	-0.31	0.00	-0.05	0.00
	55	2.26	0.06	-0.31	0.00	-0.05	0.02
	56	2.81	0.42	-0.31	0.00	-0.05	0.01
	57	2.15	-1.52	-0.31	0.00	-0.05	0.02
	58	2.71	-1.16	-0.31	0.00	-0.05	0.01
	59	2.56	2.18	-0.31	0.00	-0.05	-0.03
	60	3.11	2.54	-0.31	0.00	-0.05	-0.04
	61	2.46	0.60	-0.31	0.00	-0.05	-0.03
	62	3.01	0.96	-0.31	0.00	-0.05	-0.04
	63	-3.01	-0.96	-0.31	0.00	-0.05	0.04
	64	-2.46	-0.60	-0.31	0.00	-0.05	0.03
	65	-3.11	-2.54	-0.31	0.00	-0.05	0.04
	66	-2.56	-2.18	-0.31	0.00	-0.05	0.03
	67	-2.71	1.16	-0.31	0.00	-0.05	-0.01
	68	-2.15	1.52	-0.31	0.00	-0.05	-0.02
	69	-2.81	-0.42	-0.31	0.00	-0.05	-0.01
	70	-2.26	-0.06	-0.31	0.00	-0.05	-0.02
	71	-0.01	1.88	-0.31	0.00	-0.05	0.02
	72	0.08	2.51	-0.31	0.00	-0.05	0.00
	73	-1.60	1.57	-0.31	0.00	-0.05	0.02
	74	-1.50	2.21	-0.31	0.00	-0.05	0.01
	75	1.84	3.07	-0.31	0.00	-0.05	-0.01
	76	1.93	3.70	-0.31	0.00	-0.05	-0.03
	77	0.26	2.76	-0.31	0.00	-0.05	-0.01
	78	0.35	3.40	-0.31	0.00	-0.05	-0.02
	79	-0.35	-3.40	-0.31	0.00	-0.05	0.02
	80	-0.26	-2.76	-0.31	0.00	-0.05	0.01
	81	-1.93	-3.70	-0.31	0.00	-0.05	0.03
	82	-1.84	-3.07	-0.31	0.00	-0.05	0.01
	83	1.50	-2.21	-0.31	0.00	-0.05	-0.01
	84	1.60	-1.57	-0.31	0.00	-0.05	-0.02
	85	-0.08	-2.51	-0.31	0.00	-0.05	-0.00
	86	0.01	-1.88	-0.31	0.00	-0.05	-0.02
251	1	0.09	0.00	-0.50	0.00	0.14	-0.00
	2	-0.30	-0.03	-0.50	0.00	0.14	0.00
	3	0.02	0.53	-0.50	0.00	0.14	-0.00
	4	-0.03	-0.55	-0.50	0.00	0.14	0.00
	5	0.16	0.00	-0.45	0.00	0.13	-0.00
	6	-0.49	-0.05	-0.45	0.00	0.13	0.00
	7	0.03	0.89	-0.45	0.00	0.13	-0.00
	8	-0.05	-0.92	-0.45	0.00	0.13	0.00
	9	2.73	0.28	-0.29	0.00	0.08	0.02

	10	3.41	0.62	-0.29	0.00	0.08	0.01
	11	2.61	-1.61	-0.29	0.00	0.08	0.03
	12	3.29	-1.28	-0.29	0.00	0.08	0.01
	13	3.10	2.34	-0.29	0.00	0.08	-0.03
	14	3.77	2.67	-0.29	0.00	0.08	-0.05
	15	2.98	0.44	-0.29	0.00	0.08	-0.03
	16	3.65	0.77	-0.29	0.00	0.08	-0.04
	17	-3.65	-0.77	-0.29	0.00	0.08	0.04
	18	-2.98	-0.44	-0.29	0.00	0.08	0.03
	19	-3.77	-2.67	-0.29	0.00	0.08	0.05
	20	-3.10	-2.34	-0.29	0.00	0.08	0.03
	21	-3.29	1.28	-0.29	0.00	0.08	-0.01
	22	-2.61	1.61	-0.29	0.00	0.08	-0.03
	23	-3.41	-0.62	-0.29	0.00	0.08	-0.01
	24	-2.73	-0.28	-0.29	0.00	0.08	-0.02
	25	-0.02	2.46	-0.29	0.00	0.08	0.02
	26	0.09	3.08	-0.29	0.00	0.08	0.00
	27	-1.93	2.15	-0.29	0.00	0.08	0.03
	28	-1.82	2.76	-0.29	0.00	0.08	0.01
	29	2.23	3.57	-0.29	0.00	0.08	-0.02
	30	2.34	4.19	-0.29	0.00	0.08	-0.03
	31	0.32	3.25	-0.29	0.00	0.08	-0.01
	32	0.43	3.87	-0.29	0.00	0.08	-0.03
	33	-0.43	-3.87	-0.29	0.00	0.08	0.03
	34	-0.32	-3.25	-0.29	0.00	0.08	0.01
	35	-2.34	-4.19	-0.29	0.00	0.08	0.03
	36	-2.23	-3.57	-0.29	0.00	0.08	0.02
	37	1.82	-2.76	-0.29	0.00	0.08	-0.01
	38	1.93	-2.15	-0.29	0.00	0.08	-0.03
	39	-0.09	-3.08	-0.29	0.00	0.08	-0.00
	40	0.02	-2.46	-0.29	0.00	0.08	-0.02
	41	0.06	0.00	-0.36	0.00	0.10	-0.00
	42	-0.20	-0.02	-0.36	0.00	0.10	0.00
	43	0.01	0.36	-0.36	0.00	0.10	-0.00
	44	-0.02	-0.37	-0.36	0.00	0.10	0.00
	45	0.10	0.00	-0.33	0.00	0.09	-0.00
	46	-0.33	-0.03	-0.33	0.00	0.09	0.00
	47	0.02	0.59	-0.33	0.00	0.09	-0.00
	48	-0.03	-0.61	-0.33	0.00	0.09	0.00
	49	0.00	-0.00	-0.30	0.00	0.09	0.00
	50	0.02	0.00	-0.29	0.00	0.08	-0.00
	51	-0.07	-0.01	-0.29	0.00	0.08	0.00
	52	0.00	0.12	-0.29	0.00	0.08	-0.00
	53	-0.01	-0.12	-0.29	0.00	0.08	0.00
	54	0.00	-0.00	-0.29	0.00	0.08	0.00
	55	2.26	0.23	-0.29	0.00	0.08	0.02
	56	2.81	0.51	-0.29	0.00	0.08	0.01
	57	2.15	-1.33	-0.29	0.00	0.08	0.02
	58	2.71	-1.06	-0.29	0.00	0.08	0.01
	59	2.56	1.93	-0.29	0.00	0.08	-0.03
	60	3.11	2.21	-0.29	0.00	0.08	-0.04
	61	2.46	0.37	-0.29	0.00	0.08	-0.03
	62	3.01	0.64	-0.29	0.00	0.08	-0.04
	63	-3.01	-0.64	-0.29	0.00	0.08	0.04
	64	-2.46	-0.37	-0.29	0.00	0.08	0.03
	65	-3.11	-2.21	-0.29	0.00	0.08	0.04
	66	-2.56	-1.93	-0.29	0.00	0.08	0.03
	67	-2.71	1.06	-0.29	0.00	0.08	-0.01
	68	-2.15	1.33	-0.29	0.00	0.08	-0.02
	69	-2.81	-0.51	-0.29	0.00	0.08	-0.01
	70	-2.26	-0.23	-0.29	0.00	0.08	-0.02
	71	-0.01	2.03	-0.29	0.00	0.08	0.02
	72	0.08	2.54	-0.29	0.00	0.08	0.00
	73	-1.60	1.77	-0.29	0.00	0.08	0.02
	74	-1.50	2.28	-0.29	0.00	0.08	0.01

	75	1.84	2.94	-0.29	0.00	0.08	-0.01
	76	1.93	3.45	-0.29	0.00	0.08	-0.03
	77	0.26	2.68	-0.29	0.00	0.08	-0.01
	78	0.35	3.19	-0.29	0.00	0.08	-0.02
	79	-0.35	-3.19	-0.29	0.00	0.08	0.02
	80	-0.26	-2.68	-0.29	0.00	0.08	0.01
	81	-1.93	-3.45	-0.29	0.00	0.08	0.03
	82	-1.84	-2.94	-0.29	0.00	0.08	0.01
	83	1.50	-2.28	-0.29	0.00	0.08	-0.01
	84	1.60	-1.77	-0.29	0.00	0.08	-0.02
	85	-0.08	-2.54	-0.29	0.00	0.08	-0.00
	86	0.01	-2.03	-0.29	0.00	0.08	-0.02
252	1	0.09	0.00	-1.47	0.00	-0.01	-0.00
	2	-0.30	-0.02	-1.47	0.00	-0.01	0.00
	3	0.02	0.53	-1.47	0.00	-0.01	-0.00
	4	-0.03	-0.54	-1.47	0.00	-0.01	0.00
	5	0.16	0.00	-1.30	0.00	-0.01	-0.00
	6	-0.49	-0.04	-1.30	0.00	-0.01	0.00
	7	0.03	0.88	-1.30	0.00	-0.01	-0.00
	8	-0.05	-0.90	-1.30	0.00	-0.01	0.00
	9	2.73	0.49	-0.85	0.00	-0.01	0.02
	10	3.41	0.72	-0.85	0.00	-0.01	0.01
	11	2.61	-1.39	-0.85	0.00	-0.01	0.03
	12	3.29	-1.16	-0.85	0.00	-0.01	0.01
	13	3.10	2.04	-0.85	0.00	-0.01	-0.03
	14	3.77	2.27	-0.85	0.00	-0.01	-0.05
	15	2.98	0.16	-0.85	0.00	-0.01	-0.03
	16	3.65	0.39	-0.85	0.00	-0.01	-0.04
	17	-3.65	-0.39	-0.85	0.00	-0.01	0.04
	18	-2.98	-0.16	-0.85	0.00	-0.01	0.03
	19	-3.77	-2.27	-0.85	0.00	-0.01	0.05
	20	-3.10	-2.04	-0.85	0.00	-0.01	0.03
	21	-3.29	1.16	-0.85	0.00	-0.01	-0.01
	22	-2.61	1.39	-0.85	0.00	-0.01	-0.03
	23	-3.41	-0.72	-0.85	0.00	-0.01	-0.01
	24	-2.73	-0.49	-0.85	0.00	-0.01	-0.02
	25	-0.02	2.65	-0.85	0.00	-0.01	0.02
	26	0.09	3.12	-0.85	0.00	-0.01	0.00
	27	-1.93	2.39	-0.85	0.00	-0.01	0.03
	28	-1.82	2.85	-0.85	0.00	-0.01	0.01
	29	2.23	3.42	-0.85	0.00	-0.01	-0.02
	30	2.34	3.88	-0.85	0.00	-0.01	-0.03
	31	0.32	3.16	-0.85	0.00	-0.01	-0.01
	32	0.43	3.62	-0.85	0.00	-0.01	-0.03
	33	-0.43	-3.62	-0.85	0.00	-0.01	0.03
	34	-0.32	-3.16	-0.85	0.00	-0.01	0.01
	35	-2.34	-3.88	-0.85	0.00	-0.01	0.03
	36	-2.23	-3.42	-0.85	0.00	-0.01	0.02
	37	1.82	-2.85	-0.85	0.00	-0.01	-0.01
	38	1.93	-2.39	-0.85	0.00	-0.01	-0.03
	39	-0.09	-3.12	-0.85	0.00	-0.01	-0.00
	40	0.02	-2.65	-0.85	0.00	-0.01	-0.02
	41	0.06	0.00	-1.07	0.00	-0.01	-0.00
	42	-0.20	-0.02	-1.07	0.00	-0.01	0.00
	43	0.01	0.35	-1.07	0.00	-0.01	-0.00
	44	-0.02	-0.36	-1.07	0.00	-0.01	0.00
	45	0.10	0.00	-0.96	0.00	-0.01	-0.00
	46	-0.33	-0.03	-0.96	0.00	-0.01	0.00
	47	0.02	0.59	-0.96	0.00	-0.01	-0.00
	48	-0.03	-0.60	-0.96	0.00	-0.01	0.00
	49	0.00	-0.00	-0.89	0.00	-0.01	0.00
	50	0.02	0.00	-0.85	0.00	-0.01	-0.00
	51	-0.07	-0.01	-0.85	0.00	-0.01	0.00
	52	0.00	0.12	-0.85	0.00	-0.01	-0.00
	53	-0.01	-0.12	-0.85	0.00	-0.01	0.00

	54	0.00	-0.00	-0.85	0.00	-0.01	0.00
	55	2.26	0.41	-0.85	0.00	-0.01	0.02
	56	2.81	0.60	-0.85	0.00	-0.01	0.01
	57	2.15	-1.15	-0.85	0.00	-0.01	0.02
	58	2.71	-0.96	-0.85	0.00	-0.01	0.01
	59	2.56	1.68	-0.85	0.00	-0.01	-0.03
	60	3.11	1.87	-0.85	0.00	-0.01	-0.04
	61	2.46	0.13	-0.85	0.00	-0.01	-0.03
	62	3.01	0.32	-0.85	0.00	-0.01	-0.04
	63	-3.01	-0.32	-0.85	0.00	-0.01	0.04
	64	-2.46	-0.13	-0.85	0.00	-0.01	0.03
	65	-3.11	-1.87	-0.85	0.00	-0.01	0.04
	66	-2.56	-1.68	-0.85	0.00	-0.01	0.03
	67	-2.71	0.96	-0.85	0.00	-0.01	-0.01
	68	-2.15	1.15	-0.85	0.00	-0.01	-0.02
	69	-2.81	-0.60	-0.85	0.00	-0.01	-0.01
	70	-2.26	-0.41	-0.85	0.00	-0.01	-0.02
	71	-0.01	2.19	-0.85	0.00	-0.01	0.02
	72	0.08	2.57	-0.85	0.00	-0.01	0.00
	73	-1.60	1.97	-0.85	0.00	-0.01	0.02
	74	-1.50	2.35	-0.85	0.00	-0.01	0.01
	75	1.84	2.82	-0.85	0.00	-0.01	-0.01
	76	1.93	3.20	-0.85	0.00	-0.01	-0.03
	77	0.26	2.60	-0.85	0.00	-0.01	-0.01
	78	0.35	2.99	-0.85	0.00	-0.01	-0.02
	79	-0.35	-2.99	-0.85	0.00	-0.01	0.02
	80	-0.26	-2.60	-0.85	0.00	-0.01	0.01
	81	-1.93	-3.20	-0.85	0.00	-0.01	0.03
	82	-1.84	-2.82	-0.85	0.00	-0.01	0.01
	83	1.50	-2.35	-0.85	0.00	-0.01	-0.01
	84	1.60	-1.97	-0.85	0.00	-0.01	-0.02
	85	-0.08	-2.57	-0.85	0.00	-0.01	-0.00
	86	0.01	-2.19	-0.85	0.00	-0.01	-0.02
253	1	0.09	0.00	-0.16	0.00	0.47	-0.00
	2	-0.30	-0.02	-0.16	0.00	0.47	0.00
	3	0.02	0.52	-0.16	0.00	0.47	-0.00
	4	-0.03	-0.53	-0.16	0.00	0.47	0.00
	5	0.16	0.00	-0.14	0.00	0.42	-0.00
	6	-0.49	-0.03	-0.14	0.00	0.42	0.00
	7	0.03	0.87	-0.14	0.00	0.42	-0.00
	8	-0.05	-0.88	-0.14	0.00	0.42	0.00
	9	2.73	0.70	-0.09	0.00	0.27	0.02
	10	3.41	0.83	-0.09	0.00	0.27	0.01
	11	2.61	-1.16	-0.09	0.00	0.27	0.03
	12	3.29	-1.03	-0.09	0.00	0.27	0.01
	13	3.10	1.73	-0.09	0.00	0.27	-0.03
	14	3.77	1.86	-0.09	0.00	0.27	-0.05
	15	2.98	-0.13	-0.09	0.00	0.27	-0.03
	16	3.65	-0.00	-0.09	0.00	0.27	-0.04
	17	-3.65	0.00	-0.09	0.00	0.27	0.04
	18	-2.98	0.13	-0.09	0.00	0.27	0.03
	19	-3.77	-1.86	-0.09	0.00	0.27	0.05
	20	-3.10	-1.73	-0.09	0.00	0.27	0.03
	21	-3.29	1.03	-0.09	0.00	0.27	-0.01
	22	-2.61	1.16	-0.09	0.00	0.27	-0.03
	23	-3.41	-0.83	-0.09	0.00	0.27	-0.01
	24	-2.73	-0.70	-0.09	0.00	0.27	-0.02
	25	-0.02	2.84	-0.09	0.00	0.27	0.02
	26	0.09	3.15	-0.09	0.00	0.27	0.00
	27	-1.93	2.63	-0.09	0.00	0.27	0.03
	28	-1.82	2.94	-0.09	0.00	0.27	0.01
	29	2.23	3.27	-0.09	0.00	0.27	-0.02
	30	2.34	3.58	-0.09	0.00	0.27	-0.03
	31	0.32	3.06	-0.09	0.00	0.27	-0.01
	32	0.43	3.37	-0.09	0.00	0.27	-0.03

	33	-0.43	-3.37	-0.09	0.00	0.27	0.03
	34	-0.32	-3.06	-0.09	0.00	0.27	0.01
	35	-2.34	-3.58	-0.09	0.00	0.27	0.03
	36	-2.23	-3.27	-0.09	0.00	0.27	0.02
	37	1.82	-2.94	-0.09	0.00	0.27	-0.01
	38	1.93	-2.63	-0.09	0.00	0.27	-0.03
	39	-0.09	-3.15	-0.09	0.00	0.27	-0.00
	40	0.02	-2.84	-0.09	0.00	0.27	-0.02
	41	0.06	0.00	-0.12	0.00	0.34	-0.00
	42	-0.20	-0.01	-0.12	0.00	0.34	0.00
	43	0.01	0.35	-0.12	0.00	0.34	-0.00
	44	-0.02	-0.35	-0.12	0.00	0.34	0.00
	45	0.10	0.00	-0.10	0.00	0.31	-0.00
	46	-0.33	-0.02	-0.10	0.00	0.31	0.00
	47	0.02	0.58	-0.10	0.00	0.31	-0.00
	48	-0.03	-0.59	-0.10	0.00	0.31	0.00
	49	0.00	-0.00	-0.10	0.00	0.29	0.00
	50	0.02	0.00	-0.09	0.00	0.27	-0.00
	51	-0.07	-0.00	-0.09	0.00	0.27	0.00
	52	0.00	0.12	-0.09	0.00	0.27	-0.00
	53	-0.01	-0.12	-0.09	0.00	0.27	0.00
	54	0.00	-0.00	-0.09	0.00	0.27	0.00
	55	2.26	0.58	-0.09	0.00	0.27	0.02
	56	2.81	0.68	-0.09	0.00	0.27	0.01
	57	2.15	-0.96	-0.09	0.00	0.27	0.02
	58	2.71	-0.85	-0.09	0.00	0.27	0.01
	59	2.56	1.43	-0.09	0.00	0.27	-0.03
	60	3.11	1.54	-0.09	0.00	0.27	-0.04
	61	2.46	-0.11	-0.09	0.00	0.27	-0.03
	62	3.01	-0.00	-0.09	0.00	0.27	-0.04
	63	-3.01	0.00	-0.09	0.00	0.27	0.04
	64	-2.46	0.11	-0.09	0.00	0.27	0.03
	65	-3.11	-1.54	-0.09	0.00	0.27	0.04
	66	-2.56	-1.43	-0.09	0.00	0.27	0.03
	67	-2.71	0.85	-0.09	0.00	0.27	-0.01
	68	-2.15	0.96	-0.09	0.00	0.27	-0.02
	69	-2.81	-0.68	-0.09	0.00	0.27	-0.01
	70	-2.26	-0.58	-0.09	0.00	0.27	-0.02
	71	-0.01	2.34	-0.09	0.00	0.27	0.02
	72	0.08	2.60	-0.09	0.00	0.27	0.00
	73	-1.60	2.17	-0.09	0.00	0.27	0.02
	74	-1.50	2.43	-0.09	0.00	0.27	0.01
	75	1.84	2.70	-0.09	0.00	0.27	-0.01
	76	1.93	2.95	-0.09	0.00	0.27	-0.03
	77	0.26	2.52	-0.09	0.00	0.27	-0.01
	78	0.35	2.78	-0.09	0.00	0.27	-0.02
	79	-0.35	-2.78	-0.09	0.00	0.27	0.02
	80	-0.26	-2.52	-0.09	0.00	0.27	0.01
	81	-1.93	-2.95	-0.09	0.00	0.27	0.03
	82	-1.84	-2.70	-0.09	0.00	0.27	0.01
	83	1.50	-2.43	-0.09	0.00	0.27	-0.01
	84	1.60	-2.17	-0.09	0.00	0.27	-0.02
	85	-0.08	-2.60	-0.09	0.00	0.27	-0.00
	86	0.01	-2.34	-0.09	0.00	0.27	-0.02
254	1	0.09	0.00	-3.30	0.00	0.13	-0.00
	2	-0.30	-0.01	-3.30	0.00	0.13	0.00
	3	0.02	0.51	-3.30	0.00	0.13	-0.00
	4	-0.03	-0.52	-3.30	0.00	0.13	0.00
	5	0.16	0.00	-2.92	0.00	0.11	-0.00
	6	-0.49	-0.01	-2.92	0.00	0.11	0.00
	7	0.03	0.86	-2.92	0.00	0.11	-0.00
	8	-0.05	-0.87	-2.92	0.00	0.11	0.00
	9	2.73	0.91	-1.89	0.00	0.07	0.02
	10	3.41	0.93	-1.89	0.00	0.07	0.01
	11	2.61	-0.94	-1.89	0.00	0.07	0.03

	12	3.29	-0.91	-1.89	0.00	0.07	0.01
	13	3.10	1.43	-1.89	0.00	0.07	-0.03
	14	3.77	1.46	-1.89	0.00	0.07	-0.05
	15	2.98	-0.41	-1.89	0.00	0.07	-0.03
	16	3.65	-0.39	-1.89	0.00	0.07	-0.04
	17	-3.65	0.39	-1.89	0.00	0.07	0.04
	18	-2.98	0.41	-1.89	0.00	0.07	0.03
	19	-3.77	-1.46	-1.89	0.00	0.07	0.05
	20	-3.10	-1.43	-1.89	0.00	0.07	0.03
	21	-3.29	0.91	-1.89	0.00	0.07	-0.01
	22	-2.61	0.94	-1.89	0.00	0.07	-0.03
	23	-3.41	-0.93	-1.89	0.00	0.07	-0.01
	24	-2.73	-0.91	-1.89	0.00	0.07	-0.02
	25	-0.02	3.03	-1.89	0.00	0.07	0.02
	26	0.09	3.19	-1.89	0.00	0.07	0.00
	27	-1.93	2.87	-1.89	0.00	0.07	0.03
	28	-1.82	3.03	-1.89	0.00	0.07	0.01
	29	2.23	3.12	-1.89	0.00	0.07	-0.02
	30	2.34	3.28	-1.89	0.00	0.07	-0.03
	31	0.32	2.96	-1.89	0.00	0.07	-0.01
	32	0.43	3.12	-1.89	0.00	0.07	-0.03
	33	-0.43	-3.12	-1.89	0.00	0.07	0.03
	34	-0.32	-2.96	-1.89	0.00	0.07	0.01
	35	-2.34	-3.28	-1.89	0.00	0.07	0.03
	36	-2.23	-3.12	-1.89	0.00	0.07	0.02
	37	1.82	-3.03	-1.89	0.00	0.07	-0.01
	38	1.93	-2.87	-1.89	0.00	0.07	-0.03
	39	-0.09	-3.19	-1.89	0.00	0.07	-0.00
	40	0.02	-3.03	-1.89	0.00	0.07	-0.02
	41	0.06	0.00	-2.39	0.00	0.09	-0.00
	42	-0.20	-0.00	-2.39	0.00	0.09	0.00
	43	0.01	0.34	-2.39	0.00	0.09	-0.00
	44	-0.02	-0.35	-2.39	0.00	0.09	0.00
	45	0.10	0.00	-2.14	0.00	0.08	-0.00
	46	-0.33	-0.01	-2.14	0.00	0.08	0.00
	47	0.02	0.57	-2.14	0.00	0.08	-0.00
	48	-0.03	-0.58	-2.14	0.00	0.08	0.00
	49	0.00	-0.00	-1.99	0.00	0.08	0.00
	50	0.02	0.00	-1.89	0.00	0.07	-0.00
	51	-0.07	-0.00	-1.89	0.00	0.07	0.00
	52	0.00	0.11	-1.89	0.00	0.07	-0.00
	53	-0.01	-0.12	-1.89	0.00	0.07	0.00
	54	0.00	-0.00	-1.89	0.00	0.07	0.00
	55	2.26	0.75	-1.89	0.00	0.07	0.02
	56	2.81	0.77	-1.89	0.00	0.07	0.01
	57	2.15	-0.77	-1.89	0.00	0.07	0.02
	58	2.71	-0.75	-1.89	0.00	0.07	0.01
	59	2.56	1.18	-1.89	0.00	0.07	-0.03
	60	3.11	1.20	-1.89	0.00	0.07	-0.04
	61	2.46	-0.34	-1.89	0.00	0.07	-0.03
	62	3.01	-0.32	-1.89	0.00	0.07	-0.04
	63	-3.01	0.32	-1.89	0.00	0.07	0.04
	64	-2.46	0.34	-1.89	0.00	0.07	0.03
	65	-3.11	-1.20	-1.89	0.00	0.07	0.04
	66	-2.56	-1.18	-1.89	0.00	0.07	0.03
	67	-2.71	0.75	-1.89	0.00	0.07	-0.01
	68	-2.15	0.77	-1.89	0.00	0.07	-0.02
	69	-2.81	-0.77	-1.89	0.00	0.07	-0.01
	70	-2.26	-0.75	-1.89	0.00	0.07	-0.02
	71	-0.01	2.50	-1.89	0.00	0.07	0.02
	72	0.08	2.63	-1.89	0.00	0.07	0.00
	73	-1.60	2.37	-1.89	0.00	0.07	0.02
	74	-1.50	2.50	-1.89	0.00	0.07	0.01
	75	1.84	2.57	-1.89	0.00	0.07	-0.01
	76	1.93	2.70	-1.89	0.00	0.07	-0.03

	77	0.26	2.45	-1.89	0.00	0.07	-0.01
	78	0.35	2.58	-1.89	0.00	0.07	-0.02
	79	-0.35	-2.58	-1.89	0.00	0.07	0.02
	80	-0.26	-2.45	-1.89	0.00	0.07	0.01
	81	-1.93	-2.70	-1.89	0.00	0.07	0.03
	82	-1.84	-2.57	-1.89	0.00	0.07	0.01
	83	1.50	-2.50	-1.89	0.00	0.07	-0.01
	84	1.60	-2.37	-1.89	0.00	0.07	-0.02
	85	-0.08	-2.63	-1.89	0.00	0.07	-0.00
	86	0.01	-2.50	-1.89	0.00	0.07	-0.02
255	1	0.09	-0.00	-1.80	0.00	-0.42	-0.00
	2	-0.30	0.00	-1.80	0.00	-0.42	0.00
	3	0.02	0.51	-1.80	0.00	-0.42	-0.00
	4	-0.03	-0.51	-1.80	0.00	-0.42	0.00
	5	0.16	-0.00	-1.59	0.00	-0.38	-0.00
	6	-0.49	0.00	-1.59	0.00	-0.38	0.00
	7	0.03	0.85	-1.59	0.00	-0.38	-0.00
	8	-0.05	-0.85	-1.59	0.00	-0.38	0.00
	9	2.73	1.11	-1.03	0.00	-0.24	0.02
	10	3.41	1.04	-1.03	0.00	-0.24	0.01
	11	2.61	-0.71	-1.03	0.00	-0.24	0.03
	12	3.29	-0.79	-1.03	0.00	-0.24	0.01
	13	3.10	1.13	-1.03	0.00	-0.24	-0.03
	14	3.77	1.06	-1.03	0.00	-0.24	-0.05
	15	2.98	-0.70	-1.03	0.00	-0.24	-0.03
	16	3.65	-0.77	-1.03	0.00	-0.24	-0.04
	17	-3.65	0.77	-1.03	0.00	-0.24	0.04
	18	-2.98	0.70	-1.03	0.00	-0.24	0.03
	19	-3.77	-1.06	-1.03	0.00	-0.24	0.05
	20	-3.10	-1.13	-1.03	0.00	-0.24	0.03
	21	-3.29	0.79	-1.03	0.00	-0.24	-0.01
	22	-2.61	0.71	-1.03	0.00	-0.24	-0.03
	23	-3.41	-1.04	-1.03	0.00	-0.24	-0.01
	24	-2.73	-1.11	-1.03	0.00	-0.24	-0.02
	25	-0.02	3.21	-1.03	0.00	-0.24	0.02
	26	0.09	3.22	-1.03	0.00	-0.24	0.00
	27	-1.93	3.11	-1.03	0.00	-0.24	0.03
	28	-1.82	3.12	-1.03	0.00	-0.24	0.01
	29	2.23	2.97	-1.03	0.00	-0.24	-0.02
	30	2.34	2.98	-1.03	0.00	-0.24	-0.03
	31	0.32	2.87	-1.03	0.00	-0.24	-0.01
	32	0.43	2.87	-1.03	0.00	-0.24	-0.03
	33	-0.43	-2.87	-1.03	0.00	-0.24	0.03
	34	-0.32	-2.87	-1.03	0.00	-0.24	0.01
	35	-2.34	-2.98	-1.03	0.00	-0.24	0.03
	36	-2.23	-2.97	-1.03	0.00	-0.24	0.02
	37	1.82	-3.12	-1.03	0.00	-0.24	-0.01
	38	1.93	-3.11	-1.03	0.00	-0.24	-0.03
	39	-0.09	-3.22	-1.03	0.00	-0.24	-0.00
	40	0.02	-3.21	-1.03	0.00	-0.24	-0.02
	41	0.06	-0.00	-1.31	0.00	-0.31	-0.00
	42	-0.20	0.00	-1.31	0.00	-0.31	0.00
	43	0.01	0.34	-1.31	0.00	-0.31	-0.00
	44	-0.02	-0.34	-1.31	0.00	-0.31	0.00
	45	0.10	-0.00	-1.17	0.00	-0.28	-0.00
	46	-0.33	0.00	-1.17	0.00	-0.28	0.00
	47	0.02	0.57	-1.17	0.00	-0.28	-0.00
	48	-0.03	-0.56	-1.17	0.00	-0.28	0.00
	49	0.00	0.00	-1.09	0.00	-0.26	0.00
	50	0.02	-0.00	-1.03	0.00	-0.24	-0.00
	51	-0.07	0.00	-1.03	0.00	-0.24	0.00
	52	0.00	0.11	-1.03	0.00	-0.24	-0.00
	53	-0.01	-0.11	-1.03	0.00	-0.24	0.00
	54	0.00	0.00	-1.03	0.00	-0.24	0.00
	55	2.26	0.92	-1.03	0.00	-0.24	0.02

	56	2.81	0.86	-1.03	0.00	-0.24	0.01
	57	2.15	-0.59	-1.03	0.00	-0.24	0.02
	58	2.71	-0.65	-1.03	0.00	-0.24	0.01
	59	2.56	0.93	-1.03	0.00	-0.24	-0.03
	60	3.11	0.87	-1.03	0.00	-0.24	-0.04
	61	2.46	-0.58	-1.03	0.00	-0.24	-0.03
	62	3.01	-0.64	-1.03	0.00	-0.24	-0.04
	63	-3.01	0.64	-1.03	0.00	-0.24	0.04
	64	-2.46	0.58	-1.03	0.00	-0.24	0.03
	65	-3.11	-0.87	-1.03	0.00	-0.24	0.04
	66	-2.56	-0.93	-1.03	0.00	-0.24	0.03
	67	-2.71	0.65	-1.03	0.00	-0.24	-0.01
	68	-2.15	0.59	-1.03	0.00	-0.24	-0.02
	69	-2.81	-0.86	-1.03	0.00	-0.24	-0.01
	70	-2.26	-0.92	-1.03	0.00	-0.24	-0.02
	71	-0.01	2.65	-1.03	0.00	-0.24	0.02
	72	0.08	2.66	-1.03	0.00	-0.24	0.00
	73	-1.60	2.57	-1.03	0.00	-0.24	0.02
	74	-1.50	2.57	-1.03	0.00	-0.24	0.01
	75	1.84	2.45	-1.03	0.00	-0.24	-0.01
	76	1.93	2.46	-1.03	0.00	-0.24	-0.03
	77	0.26	2.37	-1.03	0.00	-0.24	-0.01
	78	0.35	2.37	-1.03	0.00	-0.24	-0.02
	79	-0.35	-2.37	-1.03	0.00	-0.24	0.02
	80	-0.26	-2.37	-1.03	0.00	-0.24	0.01
	81	-1.93	-2.46	-1.03	0.00	-0.24	0.03
	82	-1.84	-2.45	-1.03	0.00	-0.24	0.01
	83	1.50	-2.57	-1.03	0.00	-0.24	-0.01
	84	1.60	-2.57	-1.03	0.00	-0.24	-0.02
	85	-0.08	-2.66	-1.03	0.00	-0.24	-0.00
	86	0.01	-2.65	-1.03	0.00	-0.24	-0.02
256	1	0.09	-0.00	-2.67	0.00	0.35	-0.00
	2	-0.30	0.01	-2.67	0.00	0.35	0.00
	3	0.02	0.50	-2.67	0.00	0.35	-0.00
	4	-0.03	-0.50	-2.67	0.00	0.35	0.00
	5	0.16	-0.00	-2.36	0.00	0.31	-0.00
	6	-0.49	0.01	-2.36	0.00	0.31	0.00
	7	0.03	0.84	-2.36	0.00	0.31	-0.00
	8	-0.05	-0.83	-2.36	0.00	0.31	0.00
	9	2.73	1.32	-1.53	0.00	0.20	0.02
	10	3.41	1.14	-1.53	0.00	0.20	0.01
	11	2.61	-0.49	-1.53	0.00	0.20	0.03
	12	3.29	-0.66	-1.53	0.00	0.20	0.01
	13	3.10	0.83	-1.53	0.00	0.20	-0.03
	14	3.77	0.65	-1.53	0.00	0.20	-0.05
	15	2.98	-0.98	-1.53	0.00	0.20	-0.03
	16	3.65	-1.16	-1.53	0.00	0.20	-0.04
	17	-3.65	1.16	-1.53	0.00	0.20	0.04
	18	-2.98	0.98	-1.53	0.00	0.20	0.03
	19	-3.77	-0.65	-1.53	0.00	0.20	0.05
	20	-3.10	-0.83	-1.53	0.00	0.20	0.03
	21	-3.29	0.66	-1.53	0.00	0.20	-0.01
	22	-2.61	0.49	-1.53	0.00	0.20	-0.03
	23	-3.41	-1.14	-1.53	0.00	0.20	-0.01
	24	-2.73	-1.32	-1.53	0.00	0.20	-0.02
	25	-0.02	3.40	-1.53	0.00	0.20	0.02
	26	0.09	3.25	-1.53	0.00	0.20	0.00
	27	-1.93	3.35	-1.53	0.00	0.20	0.03
	28	-1.82	3.21	-1.53	0.00	0.20	0.01
	29	2.23	2.82	-1.53	0.00	0.20	-0.02
	30	2.34	2.67	-1.53	0.00	0.20	-0.03
	31	0.32	2.77	-1.53	0.00	0.20	-0.01
	32	0.43	2.63	-1.53	0.00	0.20	-0.03
	33	-0.43	-2.63	-1.53	0.00	0.20	0.03
	34	-0.32	-2.77	-1.53	0.00	0.20	0.01

	35	-2.34	-2.67	-1.53	0.00	0.20	0.03
	36	-2.23	-2.82	-1.53	0.00	0.20	0.02
	37	1.82	-3.21	-1.53	0.00	0.20	-0.01
	38	1.93	-3.35	-1.53	0.00	0.20	-0.03
	39	-0.09	-3.25	-1.53	0.00	0.20	-0.00
	40	0.02	-3.40	-1.53	0.00	0.20	-0.02
	41	0.06	-0.00	-1.93	0.00	0.25	-0.00
	42	-0.20	0.01	-1.93	0.00	0.25	0.00
	43	0.01	0.34	-1.93	0.00	0.25	-0.00
	44	-0.02	-0.33	-1.93	0.00	0.25	0.00
	45	0.10	-0.00	-1.73	0.00	0.23	-0.00
	46	-0.33	0.01	-1.73	0.00	0.23	0.00
	47	0.02	0.56	-1.73	0.00	0.23	-0.00
	48	-0.03	-0.55	-1.73	0.00	0.23	0.00
	49	0.00	0.00	-1.61	0.00	0.21	0.00
	50	0.02	-0.00	-1.53	0.00	0.20	-0.00
	51	-0.07	0.00	-1.53	0.00	0.20	0.00
	52	0.00	0.11	-1.53	0.00	0.20	-0.00
	53	-0.01	-0.11	-1.53	0.00	0.20	0.00
	54	0.00	0.00	-1.53	0.00	0.20	0.00
	55	2.26	1.09	-1.53	0.00	0.20	0.02
	56	2.81	0.94	-1.53	0.00	0.20	0.01
	57	2.15	-0.40	-1.53	0.00	0.20	0.02
	58	2.71	-0.55	-1.53	0.00	0.20	0.01
	59	2.56	0.68	-1.53	0.00	0.20	-0.03
	60	3.11	0.54	-1.53	0.00	0.20	-0.04
	61	2.46	-0.81	-1.53	0.00	0.20	-0.03
	62	3.01	-0.95	-1.53	0.00	0.20	-0.04
	63	-3.01	0.95	-1.53	0.00	0.20	0.04
	64	-2.46	0.81	-1.53	0.00	0.20	0.03
	65	-3.11	-0.54	-1.53	0.00	0.20	0.04
	66	-2.56	-0.68	-1.53	0.00	0.20	0.03
	67	-2.71	0.55	-1.53	0.00	0.20	-0.01
	68	-2.15	0.40	-1.53	0.00	0.20	-0.02
	69	-2.81	-0.94	-1.53	0.00	0.20	-0.01
	70	-2.26	-1.09	-1.53	0.00	0.20	-0.02
	71	-0.01	2.81	-1.53	0.00	0.20	0.02
	72	0.08	2.69	-1.53	0.00	0.20	0.00
	73	-1.60	2.77	-1.53	0.00	0.20	0.02
	74	-1.50	2.65	-1.53	0.00	0.20	0.01
	75	1.84	2.33	-1.53	0.00	0.20	-0.01
	76	1.93	2.21	-1.53	0.00	0.20	-0.03
	77	0.26	2.29	-1.53	0.00	0.20	-0.01
	78	0.35	2.17	-1.53	0.00	0.20	-0.02
	79	-0.35	-2.17	-1.53	0.00	0.20	0.02
	80	-0.26	-2.29	-1.53	0.00	0.20	0.01
	81	-1.93	-2.21	-1.53	0.00	0.20	0.03
	82	-1.84	-2.33	-1.53	0.00	0.20	0.01
	83	1.50	-2.65	-1.53	0.00	0.20	-0.01
	84	1.60	-2.77	-1.53	0.00	0.20	-0.02
	85	-0.08	-2.69	-1.53	0.00	0.20	-0.00
	86	0.01	-2.81	-1.53	0.00	0.20	-0.02
257	1	0.09	-0.00	-3.13	0.00	-0.26	-0.00
	2	-0.30	0.02	-3.13	0.00	-0.26	0.00
	3	0.02	0.50	-3.13	0.00	-0.26	-0.00
	4	-0.03	-0.49	-3.13	0.00	-0.26	0.00
	5	0.16	-0.00	-2.77	0.00	-0.23	-0.00
	6	-0.49	0.03	-2.77	0.00	-0.23	0.00
	7	0.03	0.83	-2.77	0.00	-0.23	-0.00
	8	-0.05	-0.81	-2.77	0.00	-0.23	0.00
	9	2.73	1.52	-1.79	0.00	-0.15	0.02
	10	3.41	1.25	-1.79	0.00	-0.15	0.01
	11	2.61	-0.27	-1.79	0.00	-0.15	0.03
	12	3.29	-0.54	-1.79	0.00	-0.15	0.01
	13	3.10	0.52	-1.79	0.00	-0.15	-0.03

	14	3.77	0.25	-1.79	0.00	-0.15	-0.05
	15	2.98	-1.27	-1.79	0.00	-0.15	-0.03
	16	3.65	-1.54	-1.79	0.00	-0.15	-0.04
	17	-3.65	1.54	-1.79	0.00	-0.15	0.04
	18	-2.98	1.27	-1.79	0.00	-0.15	0.03
	19	-3.77	-0.25	-1.79	0.00	-0.15	0.05
	20	-3.10	-0.52	-1.79	0.00	-0.15	0.03
	21	-3.29	0.54	-1.79	0.00	-0.15	-0.01
	22	-2.61	0.27	-1.79	0.00	-0.15	-0.03
	23	-3.41	-1.25	-1.79	0.00	-0.15	-0.01
	24	-2.73	-1.52	-1.79	0.00	-0.15	-0.02
	25	-0.02	3.59	-1.79	0.00	-0.15	0.02
	26	0.09	3.29	-1.79	0.00	-0.15	0.00
	27	-1.93	3.59	-1.79	0.00	-0.15	0.03
	28	-1.82	3.29	-1.79	0.00	-0.15	0.01
	29	2.23	2.67	-1.79	0.00	-0.15	-0.02
	30	2.34	2.37	-1.79	0.00	-0.15	-0.03
	31	0.32	2.68	-1.79	0.00	-0.15	-0.01
	32	0.43	2.38	-1.79	0.00	-0.15	-0.03
	33	-0.43	-2.38	-1.79	0.00	-0.15	0.03
	34	-0.32	-2.68	-1.79	0.00	-0.15	0.01
	35	-2.34	-2.37	-1.79	0.00	-0.15	0.03
	36	-2.23	-2.67	-1.79	0.00	-0.15	0.02
	37	1.82	-3.29	-1.79	0.00	-0.15	-0.01
	38	1.93	-3.59	-1.79	0.00	-0.15	-0.03
	39	-0.09	-3.29	-1.79	0.00	-0.15	-0.00
	40	0.02	-3.59	-1.79	0.00	-0.15	-0.02
	41	0.06	-0.00	-2.27	0.00	-0.19	-0.00
	42	-0.20	0.01	-2.27	0.00	-0.19	0.00
	43	0.01	0.33	-2.27	0.00	-0.19	-0.00
	44	-0.02	-0.32	-2.27	0.00	-0.19	0.00
	45	0.10	-0.00	-2.03	0.00	-0.17	-0.00
	46	-0.33	0.02	-2.03	0.00	-0.17	0.00
	47	0.02	0.55	-2.03	0.00	-0.17	-0.00
	48	-0.03	-0.54	-2.03	0.00	-0.17	0.00
	49	0.00	0.00	-1.89	0.00	-0.16	0.00
	50	0.02	-0.00	-1.79	0.00	-0.15	-0.00
	51	-0.07	0.00	-1.79	0.00	-0.15	0.00
	52	0.00	0.11	-1.79	0.00	-0.15	-0.00
	53	-0.01	-0.11	-1.79	0.00	-0.15	0.00
	54	0.00	0.00	-1.79	0.00	-0.15	0.00
	55	2.26	1.26	-1.79	0.00	-0.15	0.02
	56	2.81	1.03	-1.79	0.00	-0.15	0.01
	57	2.15	-0.22	-1.79	0.00	-0.15	0.02
	58	2.71	-0.45	-1.79	0.00	-0.15	0.01
	59	2.56	0.43	-1.79	0.00	-0.15	-0.03
	60	3.11	0.20	-1.79	0.00	-0.15	-0.04
	61	2.46	-1.05	-1.79	0.00	-0.15	-0.03
	62	3.01	-1.27	-1.79	0.00	-0.15	-0.04
	63	-3.01	1.27	-1.79	0.00	-0.15	0.04
	64	-2.46	1.05	-1.79	0.00	-0.15	0.03
	65	-3.11	-0.20	-1.79	0.00	-0.15	0.04
	66	-2.56	-0.43	-1.79	0.00	-0.15	0.03
	67	-2.71	0.45	-1.79	0.00	-0.15	-0.01
	68	-2.15	0.22	-1.79	0.00	-0.15	-0.02
	69	-2.81	-1.03	-1.79	0.00	-0.15	-0.01
	70	-2.26	-1.26	-1.79	0.00	-0.15	-0.02
	71	-0.01	2.96	-1.79	0.00	-0.15	0.02
	72	0.08	2.71	-1.79	0.00	-0.15	0.00
	73	-1.60	2.97	-1.79	0.00	-0.15	0.02
	74	-1.50	2.72	-1.79	0.00	-0.15	0.01
	75	1.84	2.21	-1.79	0.00	-0.15	-0.01
	76	1.93	1.96	-1.79	0.00	-0.15	-0.03
	77	0.26	2.21	-1.79	0.00	-0.15	-0.01
	78	0.35	1.96	-1.79	0.00	-0.15	-0.02

	79	-0.35	-1.96	-1.79	0.00	-0.15	0.02
	80	-0.26	-2.21	-1.79	0.00	-0.15	0.01
	81	-1.93	-1.96	-1.79	0.00	-0.15	0.03
	82	-1.84	-2.21	-1.79	0.00	-0.15	0.01
	83	1.50	-2.72	-1.79	0.00	-0.15	-0.01
	84	1.60	-2.97	-1.79	0.00	-0.15	-0.02
	85	-0.08	-2.71	-1.79	0.00	-0.15	-0.00
	86	0.01	-2.96	-1.79	0.00	-0.15	-0.02
258	1	0.09	-0.00	-1.03	0.00	0.46	-0.00
	2	-0.30	0.02	-1.03	0.00	0.46	0.00
	3	0.02	0.49	-1.03	0.00	0.46	-0.00
	4	-0.03	-0.48	-1.03	0.00	0.46	0.00
	5	0.16	-0.00	-0.92	0.00	0.41	-0.00
	6	-0.49	0.04	-0.92	0.00	0.41	0.00
	7	0.03	0.82	-0.92	0.00	0.41	-0.00
	8	-0.05	-0.79	-0.92	0.00	0.41	0.00
	9	2.73	1.73	-0.60	0.00	0.27	0.02
	10	3.41	1.36	-0.60	0.00	0.27	0.01
	11	2.61	-0.04	-0.60	0.00	0.27	0.03
	12	3.29	-0.42	-0.60	0.00	0.27	0.01
	13	3.10	0.22	-0.60	0.00	0.27	-0.03
	14	3.77	-0.16	-0.60	0.00	0.27	-0.05
	15	2.98	-1.55	-0.60	0.00	0.27	-0.03
	16	3.65	-1.93	-0.60	0.00	0.27	-0.04
	17	-3.65	1.93	-0.60	0.00	0.27	0.04
	18	-2.98	1.55	-0.60	0.00	0.27	0.03
	19	-3.77	0.16	-0.60	0.00	0.27	0.05
	20	-3.10	-0.22	-0.60	0.00	0.27	0.03
	21	-3.29	0.42	-0.60	0.00	0.27	-0.01
	22	-2.61	0.04	-0.60	0.00	0.27	-0.03
	23	-3.41	-1.36	-0.60	0.00	0.27	-0.01
	24	-2.73	-1.73	-0.60	0.00	0.27	-0.02
	25	-0.02	3.78	-0.60	0.00	0.27	0.02
	26	0.09	3.32	-0.60	0.00	0.27	0.00
	27	-1.93	3.84	-0.60	0.00	0.27	0.03
	28	-1.82	3.38	-0.60	0.00	0.27	0.01
	29	2.23	2.53	-0.60	0.00	0.27	-0.02
	30	2.34	2.07	-0.60	0.00	0.27	-0.03
	31	0.32	2.58	-0.60	0.00	0.27	-0.01
	32	0.43	2.13	-0.60	0.00	0.27	-0.03
	33	-0.43	-2.13	-0.60	0.00	0.27	0.03
	34	-0.32	-2.58	-0.60	0.00	0.27	0.01
	35	-2.34	-2.07	-0.60	0.00	0.27	0.03
	36	-2.23	-2.53	-0.60	0.00	0.27	0.02
	37	1.82	-3.38	-0.60	0.00	0.27	-0.01
	38	1.93	-3.84	-0.60	0.00	0.27	-0.03
	39	-0.09	-3.32	-0.60	0.00	0.27	-0.00
	40	0.02	-3.78	-0.60	0.00	0.27	-0.02
	41	0.06	-0.00	-0.75	0.00	0.34	-0.00
	42	-0.20	0.02	-0.75	0.00	0.34	0.00
	43	0.01	0.33	-0.75	0.00	0.34	-0.00
	44	-0.02	-0.32	-0.75	0.00	0.34	0.00
	45	0.10	-0.00	-0.68	0.00	0.30	-0.00
	46	-0.33	0.03	-0.68	0.00	0.30	0.00
	47	0.02	0.55	-0.68	0.00	0.30	-0.00
	48	-0.03	-0.53	-0.68	0.00	0.30	0.00
	49	0.00	0.00	-0.63	0.00	0.28	0.00
	50	0.02	-0.00	-0.60	0.00	0.27	-0.00
	51	-0.07	0.01	-0.60	0.00	0.27	0.00
	52	0.00	0.11	-0.60	0.00	0.27	-0.00
	53	-0.01	-0.11	-0.60	0.00	0.27	0.00
	54	0.00	0.00	-0.60	0.00	0.27	0.00
	55	2.26	1.43	-0.60	0.00	0.27	0.02
	56	2.81	1.12	-0.60	0.00	0.27	0.01
	57	2.15	-0.03	-0.60	0.00	0.27	0.02

	58	2.71	-0.34	-0.60	0.00	0.27	0.01
	59	2.56	0.18	-0.60	0.00	0.27	-0.03
	60	3.11	-0.13	-0.60	0.00	0.27	-0.04
	61	2.46	-1.28	-0.60	0.00	0.27	-0.03
	62	3.01	-1.59	-0.60	0.00	0.27	-0.04
	63	-3.01	1.59	-0.60	0.00	0.27	0.04
	64	-2.46	1.28	-0.60	0.00	0.27	0.03
	65	-3.11	0.13	-0.60	0.00	0.27	0.04
	66	-2.56	-0.18	-0.60	0.00	0.27	0.03
	67	-2.71	0.34	-0.60	0.00	0.27	-0.01
	68	-2.15	0.03	-0.60	0.00	0.27	-0.02
	69	-2.81	-1.12	-0.60	0.00	0.27	-0.01
	70	-2.26	-1.43	-0.60	0.00	0.27	-0.02
	71	-0.01	3.12	-0.60	0.00	0.27	0.02
	72	0.08	2.74	-0.60	0.00	0.27	0.00
	73	-1.60	3.16	-0.60	0.00	0.27	0.02
	74	-1.50	2.79	-0.60	0.00	0.27	0.01
	75	1.84	2.08	-0.60	0.00	0.27	-0.01
	76	1.93	1.71	-0.60	0.00	0.27	-0.03
	77	0.26	2.13	-0.60	0.00	0.27	-0.01
	78	0.35	1.76	-0.60	0.00	0.27	-0.02
	79	-0.35	-1.76	-0.60	0.00	0.27	0.02
	80	-0.26	-2.13	-0.60	0.00	0.27	0.01
	81	-1.93	-1.71	-0.60	0.00	0.27	0.03
	82	-1.84	-2.08	-0.60	0.00	0.27	0.01
	83	1.50	-2.79	-0.60	0.00	0.27	-0.01
	84	1.60	-3.16	-0.60	0.00	0.27	-0.02
	85	-0.08	-2.74	-0.60	0.00	0.27	-0.00
	86	0.01	-3.12	-0.60	0.00	0.27	-0.02
259	1	0.09	-0.00	-3.32	0.00	-0.01	-0.00
	2	-0.30	0.03	-3.32	0.00	-0.01	0.00
	3	0.02	0.48	-3.32	0.00	-0.01	-0.00
	4	-0.03	-0.47	-3.32	0.00	-0.01	0.00
	5	0.16	-0.00	-2.96	0.00	-0.01	-0.00
	6	-0.49	0.05	-2.96	0.00	-0.01	0.00
	7	0.03	0.81	-2.96	0.00	-0.01	-0.00
	8	-0.05	-0.78	-2.96	0.00	-0.01	0.00
	9	2.73	1.94	-1.93	0.00	-0.01	0.02
	10	3.41	1.46	-1.93	0.00	-0.01	0.01
	11	2.61	0.18	-1.93	0.00	-0.01	0.03
	12	3.29	-0.29	-1.93	0.00	-0.01	0.01
	13	3.10	-0.08	-1.93	0.00	-0.01	-0.03
	14	3.77	-0.56	-1.93	0.00	-0.01	-0.05
	15	2.98	-1.84	-1.93	0.00	-0.01	-0.03
	16	3.65	-2.31	-1.93	0.00	-0.01	-0.04
	17	-3.65	2.31	-1.93	0.00	-0.01	0.04
	18	-2.98	1.84	-1.93	0.00	-0.01	0.03
	19	-3.77	0.56	-1.93	0.00	-0.01	0.05
	20	-3.10	0.08	-1.93	0.00	-0.01	0.03
	21	-3.29	0.29	-1.93	0.00	-0.01	-0.01
	22	-2.61	-0.18	-1.93	0.00	-0.01	-0.03
	23	-3.41	-1.46	-1.93	0.00	-0.01	-0.01
	24	-2.73	-1.94	-1.93	0.00	-0.01	-0.02
	25	-0.02	3.96	-1.93	0.00	-0.01	0.02
	26	0.09	3.36	-1.93	0.00	-0.01	0.00
	27	-1.93	4.08	-1.93	0.00	-0.01	0.03
	28	-1.82	3.47	-1.93	0.00	-0.01	0.01
	29	2.23	2.38	-1.93	0.00	-0.01	-0.02
	30	2.34	1.77	-1.93	0.00	-0.01	-0.03
	31	0.32	2.49	-1.93	0.00	-0.01	-0.01
	32	0.43	1.88	-1.93	0.00	-0.01	-0.03
	33	-0.43	-1.88	-1.93	0.00	-0.01	0.03
	34	-0.32	-2.49	-1.93	0.00	-0.01	0.01
	35	-2.34	-1.77	-1.93	0.00	-0.01	0.03
	36	-2.23	-2.38	-1.93	0.00	-0.01	0.02

	37	1.82	-3.47	-1.93	0.00	-0.01	-0.01
	38	1.93	-4.08	-1.93	0.00	-0.01	-0.03
	39	-0.09	-3.36	-1.93	0.00	-0.01	-0.00
	40	0.02	-3.96	-1.93	0.00	-0.01	-0.02
	41	0.06	-0.00	-2.42	0.00	-0.01	-0.00
	42	-0.20	0.02	-2.42	0.00	-0.01	0.00
	43	0.01	0.32	-2.42	0.00	-0.01	-0.00
	44	-0.02	-0.31	-2.42	0.00	-0.01	0.00
	45	0.10	-0.00	-2.17	0.00	-0.01	-0.00
	46	-0.33	0.04	-2.17	0.00	-0.01	0.00
	47	0.02	0.54	-2.17	0.00	-0.01	-0.00
	48	-0.03	-0.52	-2.17	0.00	-0.01	0.00
	49	0.00	0.00	-2.03	0.00	-0.01	0.00
	50	0.02	-0.00	-1.93	0.00	-0.01	-0.00
	51	-0.07	0.01	-1.93	0.00	-0.01	0.00
	52	0.00	0.11	-1.93	0.00	-0.01	-0.00
	53	-0.01	-0.10	-1.93	0.00	-0.01	0.00
	54	0.00	0.00	-1.93	0.00	-0.01	0.00
	55	2.26	1.60	-1.93	0.00	-0.01	0.02
	56	2.81	1.21	-1.93	0.00	-0.01	0.01
	57	2.15	0.15	-1.93	0.00	-0.01	0.02
	58	2.71	-0.24	-1.93	0.00	-0.01	0.01
	59	2.56	-0.07	-1.93	0.00	-0.01	-0.03
	60	3.11	-0.46	-1.93	0.00	-0.01	-0.04
	61	2.46	-1.52	-1.93	0.00	-0.01	-0.03
	62	3.01	-1.91	-1.93	0.00	-0.01	-0.04
	63	-3.01	1.91	-1.93	0.00	-0.01	0.04
	64	-2.46	1.52	-1.93	0.00	-0.01	0.03
	65	-3.11	0.46	-1.93	0.00	-0.01	0.04
	66	-2.56	0.07	-1.93	0.00	-0.01	0.03
	67	-2.71	0.24	-1.93	0.00	-0.01	-0.01
	68	-2.15	-0.15	-1.93	0.00	-0.01	-0.02
	69	-2.81	-1.21	-1.93	0.00	-0.01	-0.01
	70	-2.26	-1.60	-1.93	0.00	-0.01	-0.02
	71	-0.01	3.27	-1.93	0.00	-0.01	0.02
	72	0.08	2.77	-1.93	0.00	-0.01	0.00
	73	-1.60	3.36	-1.93	0.00	-0.01	0.02
	74	-1.50	2.86	-1.93	0.00	-0.01	0.01
	75	1.84	1.96	-1.93	0.00	-0.01	-0.01
	76	1.93	1.46	-1.93	0.00	-0.01	-0.03
	77	0.26	2.05	-1.93	0.00	-0.01	-0.01
	78	0.35	1.55	-1.93	0.00	-0.01	-0.02
	79	-0.35	-1.55	-1.93	0.00	-0.01	0.02
	80	-0.26	-2.05	-1.93	0.00	-0.01	0.01
	81	-1.93	-1.46	-1.93	0.00	-0.01	0.03
	82	-1.84	-1.96	-1.93	0.00	-0.01	0.01
	83	1.50	-2.86	-1.93	0.00	-0.01	-0.01
	84	1.60	-3.36	-1.93	0.00	-0.01	-0.02
	85	-0.08	-2.77	-1.93	0.00	-0.01	-0.00
	86	0.01	-3.27	-1.93	0.00	-0.01	-0.02
260	1	0.09	-0.00	-0.87	0.00	-0.46	-0.00
	2	-0.30	0.04	-0.87	0.00	-0.46	0.00
	3	0.02	0.48	-0.87	0.00	-0.46	-0.00
	4	-0.03	-0.45	-0.87	0.00	-0.46	0.00
	5	0.16	-0.00	-0.78	0.00	-0.41	-0.00
	6	-0.49	0.07	-0.78	0.00	-0.41	0.00
	7	0.03	0.80	-0.78	0.00	-0.41	-0.00
	8	-0.05	-0.76	-0.78	0.00	-0.41	0.00
	9	2.73	2.14	-0.51	0.00	-0.27	0.02
	10	3.41	1.57	-0.51	0.00	-0.27	0.01
	11	2.61	0.41	-0.51	0.00	-0.27	0.03
	12	3.29	-0.17	-0.51	0.00	-0.27	0.01
	13	3.10	-0.39	-0.51	0.00	-0.27	-0.03
	14	3.77	-0.96	-0.51	0.00	-0.27	-0.05
	15	2.98	-2.12	-0.51	0.00	-0.27	-0.03

	16	3.65	-2.70	-0.51	0.00	-0.27	-0.04
	17	-3.65	2.70	-0.51	0.00	-0.27	0.04
	18	-2.98	2.12	-0.51	0.00	-0.27	0.03
	19	-3.77	0.96	-0.51	0.00	-0.27	0.05
	20	-3.10	0.39	-0.51	0.00	-0.27	0.03
	21	-3.29	0.17	-0.51	0.00	-0.27	-0.01
	22	-2.61	-0.41	-0.51	0.00	-0.27	-0.03
	23	-3.41	-1.57	-0.51	0.00	-0.27	-0.01
	24	-2.73	-2.14	-0.51	0.00	-0.27	-0.02
	25	-0.02	4.15	-0.51	0.00	-0.27	0.02
	26	0.09	3.39	-0.51	0.00	-0.27	0.00
	27	-1.93	4.32	-0.51	0.00	-0.27	0.03
	28	-1.82	3.56	-0.51	0.00	-0.27	0.01
	29	2.23	2.23	-0.51	0.00	-0.27	-0.02
	30	2.34	1.47	-0.51	0.00	-0.27	-0.03
	31	0.32	2.39	-0.51	0.00	-0.27	-0.01
	32	0.43	1.64	-0.51	0.00	-0.27	-0.03
	33	-0.43	-1.64	-0.51	0.00	-0.27	0.03
	34	-0.32	-2.39	-0.51	0.00	-0.27	0.01
	35	-2.34	-1.47	-0.51	0.00	-0.27	0.03
	36	-2.23	-2.23	-0.51	0.00	-0.27	0.02
	37	1.82	-3.56	-0.51	0.00	-0.27	-0.01
	38	1.93	-4.32	-0.51	0.00	-0.27	-0.03
	39	-0.09	-3.39	-0.51	0.00	-0.27	-0.00
	40	0.02	-4.15	-0.51	0.00	-0.27	-0.02
	41	0.06	-0.00	-0.63	0.00	-0.33	-0.00
	42	-0.20	0.03	-0.63	0.00	-0.33	0.00
	43	0.01	0.32	-0.63	0.00	-0.33	-0.00
	44	-0.02	-0.30	-0.63	0.00	-0.33	0.00
	45	0.10	-0.00	-0.57	0.00	-0.30	-0.00
	46	-0.33	0.04	-0.57	0.00	-0.30	0.00
	47	0.02	0.53	-0.57	0.00	-0.30	-0.00
	48	-0.03	-0.50	-0.57	0.00	-0.30	0.00
	49	0.00	0.00	-0.53	0.00	-0.28	0.00
	50	0.02	-0.00	-0.51	0.00	-0.27	-0.00
	51	-0.07	0.01	-0.51	0.00	-0.27	0.00
	52	0.00	0.11	-0.51	0.00	-0.27	-0.00
	53	-0.01	-0.10	-0.51	0.00	-0.27	0.00
	54	0.00	0.00	-0.51	0.00	-0.27	0.00
	55	2.26	1.77	-0.51	0.00	-0.27	0.02
	56	2.81	1.29	-0.51	0.00	-0.27	0.01
	57	2.15	0.34	-0.51	0.00	-0.27	0.02
	58	2.71	-0.14	-0.51	0.00	-0.27	0.01
	59	2.56	-0.32	-0.51	0.00	-0.27	-0.03
	60	3.11	-0.79	-0.51	0.00	-0.27	-0.04
	61	2.46	-1.75	-0.51	0.00	-0.27	-0.03
	62	3.01	-2.23	-0.51	0.00	-0.27	-0.04
	63	-3.01	2.23	-0.51	0.00	-0.27	0.04
	64	-2.46	1.75	-0.51	0.00	-0.27	0.03
	65	-3.11	0.79	-0.51	0.00	-0.27	0.04
	66	-2.56	0.32	-0.51	0.00	-0.27	0.03
	67	-2.71	0.14	-0.51	0.00	-0.27	-0.01
	68	-2.15	-0.34	-0.51	0.00	-0.27	-0.02
	69	-2.81	-1.29	-0.51	0.00	-0.27	-0.01
	70	-2.26	-1.77	-0.51	0.00	-0.27	-0.02
	71	-0.01	3.43	-0.51	0.00	-0.27	0.02
	72	0.08	2.80	-0.51	0.00	-0.27	0.00
	73	-1.60	3.56	-0.51	0.00	-0.27	0.02
	74	-1.50	2.94	-0.51	0.00	-0.27	0.01
	75	1.84	1.84	-0.51	0.00	-0.27	-0.01
	76	1.93	1.21	-0.51	0.00	-0.27	-0.03
	77	0.26	1.98	-0.51	0.00	-0.27	-0.01
	78	0.35	1.35	-0.51	0.00	-0.27	-0.02
	79	-0.35	-1.35	-0.51	0.00	-0.27	0.02
	80	-0.26	-1.98	-0.51	0.00	-0.27	0.01

	81	-1.93	-1.21	-0.51	0.00	-0.27	0.03
	82	-1.84	-1.84	-0.51	0.00	-0.27	0.01
	83	1.50	-2.94	-0.51	0.00	-0.27	-0.01
	84	1.60	-3.56	-0.51	0.00	-0.27	-0.02
	85	-0.08	-2.80	-0.51	0.00	-0.27	-0.00
	86	0.01	-3.43	-0.51	0.00	-0.27	-0.02
261	1	0.09	0.00	-0.52	0.00	0.07	-0.00
	2	-0.32	-0.05	-0.52	0.00	0.07	0.00
	3	0.04	0.54	-0.52	0.00	0.07	-0.00
	4	-0.06	-0.57	-0.52	0.00	0.07	0.00
	5	0.16	0.00	-0.48	0.00	0.06	-0.00
	6	-0.54	-0.08	-0.48	0.00	0.06	0.00
	7	0.06	0.91	-0.48	0.00	0.06	-0.00
	8	-0.11	-0.96	-0.48	0.00	0.06	0.00
	9	2.06	-0.13	-0.32	0.00	0.04	0.02
	10	3.07	0.41	-0.32	0.00	0.04	0.01
	11	1.88	-2.06	-0.32	0.00	0.04	0.03
	12	2.88	-1.53	-0.32	0.00	0.04	0.01
	13	4.08	2.95	-0.32	0.00	0.04	-0.03
	14	5.09	3.48	-0.32	0.00	0.04	-0.05
	15	3.90	1.01	-0.32	0.00	0.04	-0.03
	16	4.91	1.55	-0.32	0.00	0.04	-0.04
	17	-4.91	-1.55	-0.32	0.00	0.04	0.04
	18	-3.90	-1.01	-0.32	0.00	0.04	0.03
	19	-5.09	-3.48	-0.32	0.00	0.04	0.05
	20	-4.08	-2.95	-0.32	0.00	0.04	0.03
	21	-2.88	1.53	-0.32	0.00	0.04	-0.01
	22	-1.88	2.06	-0.32	0.00	0.04	-0.03
	23	-3.07	-0.41	-0.32	0.00	0.04	-0.01
	24	-2.06	0.13	-0.32	0.00	0.04	-0.02
	25	-0.63	2.09	-0.32	0.00	0.04	0.02
	26	-0.02	3.01	-0.32	0.00	0.04	0.00
	27	-2.72	1.66	-0.32	0.00	0.04	0.03
	28	-2.11	2.59	-0.32	0.00	0.04	0.01
	29	2.72	3.87	-0.32	0.00	0.04	-0.02
	30	3.32	4.79	-0.32	0.00	0.04	-0.03
	31	0.62	3.44	-0.32	0.00	0.04	-0.01
	32	1.23	4.36	-0.32	0.00	0.04	-0.03
	33	-1.23	-4.36	-0.32	0.00	0.04	0.03
	34	-0.62	-3.44	-0.32	0.00	0.04	0.01
	35	-3.32	-4.79	-0.32	0.00	0.04	0.03
	36	-2.72	-3.87	-0.32	0.00	0.04	0.02
	37	2.11	-2.59	-0.32	0.00	0.04	-0.01
	38	2.72	-1.66	-0.32	0.00	0.04	-0.03
	39	0.02	-3.01	-0.32	0.00	0.04	-0.00
	40	0.63	-2.09	-0.32	0.00	0.04	-0.02
	41	0.06	0.00	-0.38	0.00	0.05	-0.00
	42	-0.21	-0.03	-0.38	0.00	0.05	0.00
	43	0.02	0.36	-0.38	0.00	0.05	-0.00
	44	-0.04	-0.38	-0.38	0.00	0.05	0.00
	45	0.10	0.00	-0.35	0.00	0.05	-0.00
	46	-0.36	-0.05	-0.35	0.00	0.05	0.00
	47	0.04	0.61	-0.35	0.00	0.05	-0.00
	48	-0.07	-0.64	-0.35	0.00	0.05	0.00
	49	0.00	-0.00	-0.34	0.00	0.04	0.00
	50	0.02	0.00	-0.32	0.00	0.04	-0.00
	51	-0.07	-0.01	-0.32	0.00	0.04	0.00
	52	0.01	0.12	-0.32	0.00	0.04	-0.00
	53	-0.01	-0.13	-0.32	0.00	0.04	0.00
	54	0.00	-0.00	-0.32	0.00	0.04	0.00
	55	1.70	-0.11	-0.32	0.00	0.04	0.02
	56	2.53	0.33	-0.32	0.00	0.04	0.01
	57	1.55	-1.70	-0.32	0.00	0.04	0.02
	58	2.38	-1.26	-0.32	0.00	0.04	0.01
	59	3.37	2.43	-0.32	0.00	0.04	-0.03

	60	4.20	2.87	-0.32	0.00	0.04	-0.04
	61	3.22	0.84	-0.32	0.00	0.04	-0.03
	62	4.05	1.28	-0.32	0.00	0.04	-0.04
	63	-4.05	-1.28	-0.32	0.00	0.04	0.04
	64	-3.22	-0.84	-0.32	0.00	0.04	0.03
	65	-4.20	-2.87	-0.32	0.00	0.04	0.04
	66	-3.37	-2.43	-0.32	0.00	0.04	0.03
	67	-2.38	1.26	-0.32	0.00	0.04	-0.01
	68	-1.55	1.70	-0.32	0.00	0.04	-0.02
	69	-2.53	-0.33	-0.32	0.00	0.04	-0.01
	70	-1.70	0.11	-0.32	0.00	0.04	-0.02
	71	-0.52	1.72	-0.32	0.00	0.04	0.02
	72	-0.02	2.48	-0.32	0.00	0.04	0.00
	73	-2.24	1.37	-0.32	0.00	0.04	0.02
	74	-1.74	2.13	-0.32	0.00	0.04	0.01
	75	2.24	3.19	-0.32	0.00	0.04	-0.01
	76	2.74	3.95	-0.32	0.00	0.04	-0.03
	77	0.52	2.84	-0.32	0.00	0.04	-0.01
	78	1.02	3.60	-0.32	0.00	0.04	-0.02
	79	-1.02	-3.60	-0.32	0.00	0.04	0.02
	80	-0.52	-2.84	-0.32	0.00	0.04	0.01
	81	-2.74	-3.95	-0.32	0.00	0.04	0.03
	82	-2.24	-3.19	-0.32	0.00	0.04	0.01
	83	1.74	-2.13	-0.32	0.00	0.04	-0.01
	84	2.24	-1.37	-0.32	0.00	0.04	-0.02
	85	0.02	-2.48	-0.32	0.00	0.04	-0.00
	86	0.52	-1.72	-0.32	0.00	0.04	-0.02
262	1	0.09	0.00	-0.45	0.00	-0.08	-0.00
	2	-0.32	-0.04	-0.45	0.00	-0.08	0.00
	3	0.04	0.54	-0.45	0.00	-0.08	-0.00
	4	-0.06	-0.56	-0.45	0.00	-0.08	0.00
	5	0.16	0.00	-0.41	0.00	-0.07	-0.00
	6	-0.54	-0.06	-0.41	0.00	-0.07	0.00
	7	0.06	0.90	-0.41	0.00	-0.07	-0.00
	8	-0.11	-0.94	-0.41	0.00	-0.07	0.00
	9	2.06	0.08	-0.27	0.00	-0.05	0.02
	10	3.07	0.51	-0.27	0.00	-0.05	0.01
	11	1.88	-1.84	-0.27	0.00	-0.05	0.03
	12	2.88	-1.41	-0.27	0.00	-0.05	0.01
	13	4.08	2.65	-0.27	0.00	-0.05	-0.03
	14	5.09	3.08	-0.27	0.00	-0.05	-0.05
	15	3.90	0.73	-0.27	0.00	-0.05	-0.03
	16	4.91	1.16	-0.27	0.00	-0.05	-0.04
	17	-4.91	-1.16	-0.27	0.00	-0.05	0.04
	18	-3.90	-0.73	-0.27	0.00	-0.05	0.03
	19	-5.09	-3.08	-0.27	0.00	-0.05	0.05
	20	-4.08	-2.65	-0.27	0.00	-0.05	0.03
	21	-2.88	1.41	-0.27	0.00	-0.05	-0.01
	22	-1.88	1.84	-0.27	0.00	-0.05	-0.03
	23	-3.07	-0.51	-0.27	0.00	-0.05	-0.01
	24	-2.06	-0.08	-0.27	0.00	-0.05	-0.02
	25	-0.63	2.28	-0.27	0.00	-0.05	0.02
	26	-0.02	3.05	-0.27	0.00	-0.05	0.00
	27	-2.72	1.90	-0.27	0.00	-0.05	0.03
	28	-2.11	2.67	-0.27	0.00	-0.05	0.01
	29	2.72	3.72	-0.27	0.00	-0.05	-0.02
	30	3.32	4.49	-0.27	0.00	-0.05	-0.03
	31	0.62	3.35	-0.27	0.00	-0.05	-0.01
	32	1.23	4.12	-0.27	0.00	-0.05	-0.03
	33	-1.23	-4.12	-0.27	0.00	-0.05	0.03
	34	-0.62	-3.35	-0.27	0.00	-0.05	0.01
	35	-3.32	-4.49	-0.27	0.00	-0.05	0.03
	36	-2.72	-3.72	-0.27	0.00	-0.05	0.02
	37	2.11	-2.67	-0.27	0.00	-0.05	-0.01
	38	2.72	-1.90	-0.27	0.00	-0.05	-0.03

	39	0.02	-3.05	-0.27	0.00	-0.05	-0.00
	40	0.63	-2.28	-0.27	0.00	-0.05	-0.02
	41	0.06	0.00	-0.33	0.00	-0.06	-0.00
	42	-0.21	-0.03	-0.33	0.00	-0.06	0.00
	43	0.02	0.36	-0.33	0.00	-0.06	-0.00
	44	-0.04	-0.38	-0.33	0.00	-0.06	0.00
	45	0.10	0.00	-0.30	0.00	-0.05	-0.00
	46	-0.36	-0.04	-0.30	0.00	-0.05	0.00
	47	0.04	0.60	-0.30	0.00	-0.05	-0.00
	48	-0.07	-0.63	-0.30	0.00	-0.05	0.00
	49	0.00	-0.00	-0.29	0.00	-0.05	0.00
	50	0.02	0.00	-0.27	0.00	-0.05	-0.00
	51	-0.07	-0.01	-0.27	0.00	-0.05	0.00
	52	0.01	0.12	-0.27	0.00	-0.05	-0.00
	53	-0.01	-0.13	-0.27	0.00	-0.05	0.00
	54	0.00	-0.00	-0.27	0.00	-0.05	0.00
	55	1.70	0.06	-0.27	0.00	-0.05	0.02
	56	2.53	0.42	-0.27	0.00	-0.05	0.01
	57	1.55	-1.52	-0.27	0.00	-0.05	0.02
	58	2.38	-1.16	-0.27	0.00	-0.05	0.01
	59	3.37	2.18	-0.27	0.00	-0.05	-0.03
	60	4.20	2.54	-0.27	0.00	-0.05	-0.04
	61	3.22	0.60	-0.27	0.00	-0.05	-0.03
	62	4.05	0.96	-0.27	0.00	-0.05	-0.04
	63	-4.05	-0.96	-0.27	0.00	-0.05	0.04
	64	-3.22	-0.60	-0.27	0.00	-0.05	0.03
	65	-4.20	-2.54	-0.27	0.00	-0.05	0.04
	66	-3.37	-2.18	-0.27	0.00	-0.05	0.03
	67	-2.38	1.16	-0.27	0.00	-0.05	-0.01
	68	-1.55	1.52	-0.27	0.00	-0.05	-0.02
	69	-2.53	-0.42	-0.27	0.00	-0.05	-0.01
	70	-1.70	-0.06	-0.27	0.00	-0.05	-0.02
	71	-0.52	1.88	-0.27	0.00	-0.05	0.02
	72	-0.02	2.51	-0.27	0.00	-0.05	0.00
	73	-2.24	1.57	-0.27	0.00	-0.05	0.02
	74	-1.74	2.21	-0.27	0.00	-0.05	0.01
	75	2.24	3.07	-0.27	0.00	-0.05	-0.01
	76	2.74	3.70	-0.27	0.00	-0.05	-0.03
	77	0.52	2.76	-0.27	0.00	-0.05	-0.01
	78	1.02	3.40	-0.27	0.00	-0.05	-0.02
	79	-1.02	-3.40	-0.27	0.00	-0.05	0.02
	80	-0.52	-2.76	-0.27	0.00	-0.05	0.01
	81	-2.74	-3.70	-0.27	0.00	-0.05	0.03
	82	-2.24	-3.07	-0.27	0.00	-0.05	0.01
	83	1.74	-2.21	-0.27	0.00	-0.05	-0.01
	84	2.24	-1.57	-0.27	0.00	-0.05	-0.02
	85	0.02	-2.51	-0.27	0.00	-0.05	-0.00
	86	0.52	-1.88	-0.27	0.00	-0.05	-0.02
263	1	0.09	0.00	-0.42	0.00	0.14	-0.00
	2	-0.32	-0.03	-0.42	0.00	0.14	0.00
	3	0.04	0.53	-0.42	0.00	0.14	-0.00
	4	-0.06	-0.55	-0.42	0.00	0.14	0.00
	5	0.16	0.00	-0.38	0.00	0.13	-0.00
	6	-0.54	-0.05	-0.38	0.00	0.13	0.00
	7	0.06	0.89	-0.38	0.00	0.13	-0.00
	8	-0.11	-0.92	-0.38	0.00	0.13	0.00
	9	2.06	0.28	-0.25	0.00	0.09	0.02
	10	3.07	0.62	-0.25	0.00	0.09	0.01
	11	1.88	-1.61	-0.25	0.00	0.09	0.03
	12	2.88	-1.28	-0.25	0.00	0.09	0.01
	13	4.08	2.34	-0.25	0.00	0.09	-0.03
	14	5.09	2.67	-0.25	0.00	0.09	-0.05
	15	3.90	0.44	-0.25	0.00	0.09	-0.03
	16	4.91	0.77	-0.25	0.00	0.09	-0.04
	17	-4.91	-0.77	-0.25	0.00	0.09	0.04

	18	-3.90	-0.44	-0.25	0.00	0.09	0.03
	19	-5.09	-2.67	-0.25	0.00	0.09	0.05
	20	-4.08	-2.34	-0.25	0.00	0.09	0.03
	21	-2.88	1.28	-0.25	0.00	0.09	-0.01
	22	-1.88	1.61	-0.25	0.00	0.09	-0.03
	23	-3.07	-0.62	-0.25	0.00	0.09	-0.01
	24	-2.06	-0.28	-0.25	0.00	0.09	-0.02
	25	-0.63	2.46	-0.25	0.00	0.09	0.02
	26	-0.02	3.08	-0.25	0.00	0.09	0.00
	27	-2.72	2.15	-0.25	0.00	0.09	0.03
	28	-2.11	2.76	-0.25	0.00	0.09	0.01
	29	2.72	3.57	-0.25	0.00	0.09	-0.02
	30	3.32	4.19	-0.25	0.00	0.09	-0.03
	31	0.62	3.25	-0.25	0.00	0.09	-0.01
	32	1.23	3.87	-0.25	0.00	0.09	-0.03
	33	-1.23	-3.87	-0.25	0.00	0.09	0.03
	34	-0.62	-3.25	-0.25	0.00	0.09	0.01
	35	-3.32	-4.19	-0.25	0.00	0.09	0.03
	36	-2.72	-3.57	-0.25	0.00	0.09	0.02
	37	2.11	-2.76	-0.25	0.00	0.09	-0.01
	38	2.72	-2.15	-0.25	0.00	0.09	-0.03
	39	0.02	-3.08	-0.25	0.00	0.09	-0.00
	40	0.63	-2.46	-0.25	0.00	0.09	-0.02
	41	0.06	0.00	-0.31	0.00	0.11	-0.00
	42	-0.21	-0.02	-0.31	0.00	0.11	0.00
	43	0.02	0.36	-0.31	0.00	0.11	-0.00
	44	-0.04	-0.37	-0.31	0.00	0.11	0.00
	45	0.10	0.00	-0.28	0.00	0.10	-0.00
	46	-0.36	-0.03	-0.28	0.00	0.10	0.00
	47	0.04	0.59	-0.28	0.00	0.10	-0.00
	48	-0.07	-0.61	-0.28	0.00	0.10	0.00
	49	0.00	-0.00	-0.26	0.00	0.09	0.00
	50	0.02	0.00	-0.25	0.00	0.09	-0.00
	51	-0.07	-0.01	-0.25	0.00	0.09	0.00
	52	0.01	0.12	-0.25	0.00	0.09	-0.00
	53	-0.01	-0.12	-0.25	0.00	0.09	0.00
	54	0.00	-0.00	-0.25	0.00	0.09	0.00
	55	1.70	0.23	-0.25	0.00	0.09	0.02
	56	2.53	0.51	-0.25	0.00	0.09	0.01
	57	1.55	-1.33	-0.25	0.00	0.09	0.02
	58	2.38	-1.06	-0.25	0.00	0.09	0.01
	59	3.37	1.93	-0.25	0.00	0.09	-0.03
	60	4.20	2.21	-0.25	0.00	0.09	-0.04
	61	3.22	0.37	-0.25	0.00	0.09	-0.03
	62	4.05	0.64	-0.25	0.00	0.09	-0.04
	63	-4.05	-0.64	-0.25	0.00	0.09	0.04
	64	-3.22	-0.37	-0.25	0.00	0.09	0.03
	65	-4.20	-2.21	-0.25	0.00	0.09	0.04
	66	-3.37	-1.93	-0.25	0.00	0.09	0.03
	67	-2.38	1.06	-0.25	0.00	0.09	-0.01
	68	-1.55	1.33	-0.25	0.00	0.09	-0.02
	69	-2.53	-0.51	-0.25	0.00	0.09	-0.01
	70	-1.70	-0.23	-0.25	0.00	0.09	-0.02
	71	-0.52	2.03	-0.25	0.00	0.09	0.02
	72	-0.02	2.54	-0.25	0.00	0.09	0.00
	73	-2.24	1.77	-0.25	0.00	0.09	0.02
	74	-1.74	2.28	-0.25	0.00	0.09	0.01
	75	2.24	2.94	-0.25	0.00	0.09	-0.01
	76	2.74	3.45	-0.25	0.00	0.09	-0.03
	77	0.52	2.68	-0.25	0.00	0.09	-0.01
	78	1.02	3.19	-0.25	0.00	0.09	-0.02
	79	-1.02	-3.19	-0.25	0.00	0.09	0.02
	80	-0.52	-2.68	-0.25	0.00	0.09	0.01
	81	-2.74	-3.45	-0.25	0.00	0.09	0.03
	82	-2.24	-2.94	-0.25	0.00	0.09	0.01

	83	1.74	-2.28	-0.25	0.00	0.09	-0.01
	84	2.24	-1.77	-0.25	0.00	0.09	-0.02
	85	0.02	-2.54	-0.25	0.00	0.09	-0.00
	86	0.52	-2.03	-0.25	0.00	0.09	-0.02
264	1	0.09	0.00	-1.38	0.00	-0.01	-0.00
	2	-0.32	-0.02	-1.38	0.00	-0.01	0.00
	3	0.04	0.53	-1.38	0.00	-0.01	-0.00
	4	-0.06	-0.54	-1.38	0.00	-0.01	0.00
	5	0.16	0.00	-1.24	0.00	-0.01	-0.00
	6	-0.54	-0.04	-1.24	0.00	-0.01	0.00
	7	0.06	0.88	-1.24	0.00	-0.01	-0.00
	8	-0.11	-0.90	-1.24	0.00	-0.01	0.00
	9	2.06	0.49	-0.82	0.00	-0.01	0.02
	10	3.07	0.72	-0.82	0.00	-0.01	0.01
	11	1.88	-1.39	-0.82	0.00	-0.01	0.03
	12	2.88	-1.16	-0.82	0.00	-0.01	0.01
	13	4.08	2.04	-0.82	0.00	-0.01	-0.03
	14	5.09	2.27	-0.82	0.00	-0.01	-0.05
	15	3.90	0.16	-0.82	0.00	-0.01	-0.03
	16	4.91	0.39	-0.82	0.00	-0.01	-0.04
	17	-4.91	-0.39	-0.82	0.00	-0.01	0.04
	18	-3.90	-0.16	-0.82	0.00	-0.01	0.03
	19	-5.09	-2.27	-0.82	0.00	-0.01	0.05
	20	-4.08	-2.04	-0.82	0.00	-0.01	0.03
	21	-2.88	1.16	-0.82	0.00	-0.01	-0.01
	22	-1.88	1.39	-0.82	0.00	-0.01	-0.03
	23	-3.07	-0.72	-0.82	0.00	-0.01	-0.01
	24	-2.06	-0.49	-0.82	0.00	-0.01	-0.02
	25	-0.63	2.65	-0.82	0.00	-0.01	0.02
	26	-0.02	3.12	-0.82	0.00	-0.01	0.00
	27	-2.72	2.39	-0.82	0.00	-0.01	0.03
	28	-2.11	2.85	-0.82	0.00	-0.01	0.01
	29	2.72	3.42	-0.82	0.00	-0.01	-0.02
	30	3.32	3.88	-0.82	0.00	-0.01	-0.03
	31	0.62	3.16	-0.82	0.00	-0.01	-0.01
	32	1.23	3.62	-0.82	0.00	-0.01	-0.03
	33	-1.23	-3.62	-0.82	0.00	-0.01	0.03
	34	-0.62	-3.16	-0.82	0.00	-0.01	0.01
	35	-3.32	-3.88	-0.82	0.00	-0.01	0.03
	36	-2.72	-3.42	-0.82	0.00	-0.01	0.02
	37	2.11	-2.85	-0.82	0.00	-0.01	-0.01
	38	2.72	-2.39	-0.82	0.00	-0.01	-0.03
	39	0.02	-3.12	-0.82	0.00	-0.01	-0.00
	40	0.63	-2.65	-0.82	0.00	-0.01	-0.02
	41	0.06	0.00	-1.01	0.00	-0.01	-0.00
	42	-0.21	-0.02	-1.01	0.00	-0.01	0.00
	43	0.02	0.35	-1.01	0.00	-0.01	-0.00
	44	-0.04	-0.36	-1.01	0.00	-0.01	0.00
	45	0.10	0.00	-0.91	0.00	-0.01	-0.00
	46	-0.36	-0.03	-0.91	0.00	-0.01	0.00
	47	0.04	0.59	-0.91	0.00	-0.01	-0.00
	48	-0.07	-0.60	-0.91	0.00	-0.01	0.00
	49	0.00	-0.00	-0.86	0.00	-0.01	0.00
	50	0.02	0.00	-0.82	0.00	-0.01	-0.00
	51	-0.07	-0.01	-0.82	0.00	-0.01	0.00
	52	0.01	0.12	-0.82	0.00	-0.01	-0.00
	53	-0.01	-0.12	-0.82	0.00	-0.01	0.00
	54	0.00	-0.00	-0.82	0.00	-0.01	0.00
	55	1.70	0.41	-0.82	0.00	-0.01	0.02
	56	2.53	0.60	-0.82	0.00	-0.01	0.01
	57	1.55	-1.15	-0.82	0.00	-0.01	0.02
	58	2.38	-0.96	-0.82	0.00	-0.01	0.01
	59	3.37	1.68	-0.82	0.00	-0.01	-0.03
	60	4.20	1.87	-0.82	0.00	-0.01	-0.04
	61	3.22	0.13	-0.82	0.00	-0.01	-0.03

	62	4.05	0.32	-0.82	0.00	-0.01	-0.04
	63	-4.05	-0.32	-0.82	0.00	-0.01	0.04
	64	-3.22	-0.13	-0.82	0.00	-0.01	0.03
	65	-4.20	-1.87	-0.82	0.00	-0.01	0.04
	66	-3.37	-1.68	-0.82	0.00	-0.01	0.03
	67	-2.38	0.96	-0.82	0.00	-0.01	-0.01
	68	-1.55	1.15	-0.82	0.00	-0.01	-0.02
	69	-2.53	-0.60	-0.82	0.00	-0.01	-0.01
	70	-1.70	-0.41	-0.82	0.00	-0.01	-0.02
	71	-0.52	2.19	-0.82	0.00	-0.01	0.02
	72	-0.02	2.57	-0.82	0.00	-0.01	0.00
	73	-2.24	1.97	-0.82	0.00	-0.01	0.02
	74	-1.74	2.35	-0.82	0.00	-0.01	0.01
	75	2.24	2.82	-0.82	0.00	-0.01	-0.01
	76	2.74	3.20	-0.82	0.00	-0.01	-0.03
	77	0.52	2.60	-0.82	0.00	-0.01	-0.01
	78	1.02	2.99	-0.82	0.00	-0.01	-0.02
	79	-1.02	-2.99	-0.82	0.00	-0.01	0.02
	80	-0.52	-2.60	-0.82	0.00	-0.01	0.01
	81	-2.74	-3.20	-0.82	0.00	-0.01	0.03
	82	-2.24	-2.82	-0.82	0.00	-0.01	0.01
	83	1.74	-2.35	-0.82	0.00	-0.01	-0.01
	84	2.24	-1.97	-0.82	0.00	-0.01	-0.02
	85	0.02	-2.57	-0.82	0.00	-0.01	-0.00
	86	0.52	-2.19	-0.82	0.00	-0.01	-0.02
265	1	0.09	0.00	-0.11	0.00	0.47	-0.00
	2	-0.32	-0.02	-0.11	0.00	0.47	0.00
	3	0.04	0.52	-0.11	0.00	0.47	-0.00
	4	-0.06	-0.53	-0.11	0.00	0.47	0.00
	5	0.16	0.00	-0.10	0.00	0.42	-0.00
	6	-0.54	-0.03	-0.10	0.00	0.42	0.00
	7	0.06	0.87	-0.10	0.00	0.42	-0.00
	8	-0.11	-0.88	-0.10	0.00	0.42	0.00
	9	2.06	0.70	-0.06	0.00	0.28	0.02
	10	3.07	0.83	-0.06	0.00	0.28	0.01
	11	1.88	-1.16	-0.06	0.00	0.28	0.03
	12	2.88	-1.03	-0.06	0.00	0.28	0.01
	13	4.08	1.73	-0.06	0.00	0.28	-0.03
	14	5.09	1.86	-0.06	0.00	0.28	-0.05
	15	3.90	-0.13	-0.06	0.00	0.28	-0.03
	16	4.91	-0.00	-0.06	0.00	0.28	-0.04
	17	-4.91	0.00	-0.06	0.00	0.28	0.04
	18	-3.90	0.13	-0.06	0.00	0.28	0.03
	19	-5.09	-1.86	-0.06	0.00	0.28	0.05
	20	-4.08	-1.73	-0.06	0.00	0.28	0.03
	21	-2.88	1.03	-0.06	0.00	0.28	-0.01
	22	-1.88	1.16	-0.06	0.00	0.28	-0.03
	23	-3.07	-0.83	-0.06	0.00	0.28	-0.01
	24	-2.06	-0.70	-0.06	0.00	0.28	-0.02
	25	-0.63	2.84	-0.06	0.00	0.28	0.02
	26	-0.02	3.15	-0.06	0.00	0.28	0.00
	27	-2.72	2.63	-0.06	0.00	0.28	0.03
	28	-2.11	2.94	-0.06	0.00	0.28	0.01
	29	2.72	3.27	-0.06	0.00	0.28	-0.02
	30	3.32	3.58	-0.06	0.00	0.28	-0.03
	31	0.62	3.06	-0.06	0.00	0.28	-0.01
	32	1.23	3.37	-0.06	0.00	0.28	-0.03
	33	-1.23	-3.37	-0.06	0.00	0.28	0.03
	34	-0.62	-3.06	-0.06	0.00	0.28	0.01
	35	-3.32	-3.58	-0.06	0.00	0.28	0.03
	36	-2.72	-3.27	-0.06	0.00	0.28	0.02
	37	2.11	-2.94	-0.06	0.00	0.28	-0.01
	38	2.72	-2.63	-0.06	0.00	0.28	-0.03
	39	0.02	-3.15	-0.06	0.00	0.28	-0.00
	40	0.63	-2.84	-0.06	0.00	0.28	-0.02

	41	0.06	0.00	-0.08	0.00	0.34	-0.00
	42	-0.21	-0.01	-0.08	0.00	0.34	0.00
	43	0.02	0.35	-0.08	0.00	0.34	-0.00
	44	-0.04	-0.35	-0.08	0.00	0.34	0.00
	45	0.10	0.00	-0.07	0.00	0.31	-0.00
	46	-0.36	-0.02	-0.07	0.00	0.31	0.00
	47	0.04	0.58	-0.07	0.00	0.31	-0.00
	48	-0.07	-0.59	-0.07	0.00	0.31	0.00
	49	0.00	-0.00	-0.07	0.00	0.29	0.00
	50	0.02	0.00	-0.06	0.00	0.28	-0.00
	51	-0.07	-0.00	-0.06	0.00	0.28	0.00
	52	0.01	0.12	-0.06	0.00	0.28	-0.00
	53	-0.01	-0.12	-0.06	0.00	0.28	0.00
	54	0.00	-0.00	-0.06	0.00	0.28	0.00
	55	1.70	0.58	-0.06	0.00	0.28	0.02
	56	2.53	0.68	-0.06	0.00	0.28	0.01
	57	1.55	-0.96	-0.06	0.00	0.28	0.02
	58	2.38	-0.85	-0.06	0.00	0.28	0.01
	59	3.37	1.43	-0.06	0.00	0.28	-0.03
	60	4.20	1.54	-0.06	0.00	0.28	-0.04
	61	3.22	-0.11	-0.06	0.00	0.28	-0.03
	62	4.05	-0.00	-0.06	0.00	0.28	-0.04
	63	-4.05	0.00	-0.06	0.00	0.28	0.04
	64	-3.22	0.11	-0.06	0.00	0.28	0.03
	65	-4.20	-1.54	-0.06	0.00	0.28	0.04
	66	-3.37	-1.43	-0.06	0.00	0.28	0.03
	67	-2.38	0.85	-0.06	0.00	0.28	-0.01
	68	-1.55	0.96	-0.06	0.00	0.28	-0.02
	69	-2.53	-0.68	-0.06	0.00	0.28	-0.01
	70	-1.70	-0.58	-0.06	0.00	0.28	-0.02
	71	-0.52	2.34	-0.06	0.00	0.28	0.02
	72	-0.02	2.60	-0.06	0.00	0.28	0.00
	73	-2.24	2.17	-0.06	0.00	0.28	0.02
	74	-1.74	2.43	-0.06	0.00	0.28	0.01
	75	2.24	2.70	-0.06	0.00	0.28	-0.01
	76	2.74	2.95	-0.06	0.00	0.28	-0.03
	77	0.52	2.52	-0.06	0.00	0.28	-0.01
	78	1.02	2.78	-0.06	0.00	0.28	-0.02
	79	-1.02	-2.78	-0.06	0.00	0.28	0.02
	80	-0.52	-2.52	-0.06	0.00	0.28	0.01
	81	-2.74	-2.95	-0.06	0.00	0.28	0.03
	82	-2.24	-2.70	-0.06	0.00	0.28	0.01
	83	1.74	-2.43	-0.06	0.00	0.28	-0.01
	84	2.24	-2.17	-0.06	0.00	0.28	-0.02
	85	0.02	-2.60	-0.06	0.00	0.28	-0.00
	86	0.52	-2.34	-0.06	0.00	0.28	-0.02
266	1	0.09	0.00	-3.20	0.00	0.12	-0.00
	2	-0.32	-0.01	-3.20	0.00	0.12	0.00
	3	0.04	0.51	-3.20	0.00	0.12	-0.00
	4	-0.06	-0.52	-3.20	0.00	0.12	0.00
	5	0.16	0.00	-2.87	0.00	0.11	-0.00
	6	-0.54	-0.01	-2.87	0.00	0.11	0.00
	7	0.06	0.86	-2.87	0.00	0.11	-0.00
	8	-0.11	-0.87	-2.87	0.00	0.11	0.00
	9	2.06	0.91	-1.89	0.00	0.07	0.02
	10	3.07	0.93	-1.89	0.00	0.07	0.01
	11	1.88	-0.94	-1.89	0.00	0.07	0.03
	12	2.88	-0.91	-1.89	0.00	0.07	0.01
	13	4.08	1.43	-1.89	0.00	0.07	-0.03
	14	5.09	1.46	-1.89	0.00	0.07	-0.05
	15	3.90	-0.41	-1.89	0.00	0.07	-0.03
	16	4.91	-0.39	-1.89	0.00	0.07	-0.04
	17	-4.91	0.39	-1.89	0.00	0.07	0.04
	18	-3.90	0.41	-1.89	0.00	0.07	0.03
	19	-5.09	-1.46	-1.89	0.00	0.07	0.05

	20	-4.08	-1.43	-1.89	0.00	0.07	0.03
	21	-2.88	0.91	-1.89	0.00	0.07	-0.01
	22	-1.88	0.94	-1.89	0.00	0.07	-0.03
	23	-3.07	-0.93	-1.89	0.00	0.07	-0.01
	24	-2.06	-0.91	-1.89	0.00	0.07	-0.02
	25	-0.63	3.03	-1.89	0.00	0.07	0.02
	26	-0.02	3.19	-1.89	0.00	0.07	0.00
	27	-2.72	2.87	-1.89	0.00	0.07	0.03
	28	-2.11	3.03	-1.89	0.00	0.07	0.01
	29	2.72	3.12	-1.89	0.00	0.07	-0.02
	30	3.32	3.28	-1.89	0.00	0.07	-0.03
	31	0.62	2.96	-1.89	0.00	0.07	-0.01
	32	1.23	3.12	-1.89	0.00	0.07	-0.03
	33	-1.23	-3.12	-1.89	0.00	0.07	0.03
	34	-0.62	-2.96	-1.89	0.00	0.07	0.01
	35	-3.32	-3.28	-1.89	0.00	0.07	0.03
	36	-2.72	-3.12	-1.89	0.00	0.07	0.02
	37	2.11	-3.03	-1.89	0.00	0.07	-0.01
	38	2.72	-2.87	-1.89	0.00	0.07	-0.03
	39	0.02	-3.19	-1.89	0.00	0.07	-0.00
	40	0.63	-3.03	-1.89	0.00	0.07	-0.02
	41	0.06	0.00	-2.34	0.00	0.09	-0.00
	42	-0.21	-0.00	-2.34	0.00	0.09	0.00
	43	0.02	0.34	-2.34	0.00	0.09	-0.00
	44	-0.04	-0.35	-2.34	0.00	0.09	0.00
	45	0.10	0.00	-2.11	0.00	0.08	-0.00
	46	-0.36	-0.01	-2.11	0.00	0.08	0.00
	47	0.04	0.57	-2.11	0.00	0.08	-0.00
	48	-0.07	-0.58	-2.11	0.00	0.08	0.00
	49	0.00	-0.00	-1.98	0.00	0.08	0.00
	50	0.02	0.00	-1.89	0.00	0.07	-0.00
	51	-0.07	-0.00	-1.89	0.00	0.07	0.00
	52	0.01	0.11	-1.89	0.00	0.07	-0.00
	53	-0.01	-0.12	-1.89	0.00	0.07	0.00
	54	0.00	-0.00	-1.89	0.00	0.07	0.00
	55	1.70	0.75	-1.89	0.00	0.07	0.02
	56	2.53	0.77	-1.89	0.00	0.07	0.01
	57	1.55	-0.77	-1.89	0.00	0.07	0.02
	58	2.38	-0.75	-1.89	0.00	0.07	0.01
	59	3.37	1.18	-1.89	0.00	0.07	-0.03
	60	4.20	1.20	-1.89	0.00	0.07	-0.04
	61	3.22	-0.34	-1.89	0.00	0.07	-0.03
	62	4.05	-0.32	-1.89	0.00	0.07	-0.04
	63	-4.05	0.32	-1.89	0.00	0.07	0.04
	64	-3.22	0.34	-1.89	0.00	0.07	0.03
	65	-4.20	-1.20	-1.89	0.00	0.07	0.04
	66	-3.37	-1.18	-1.89	0.00	0.07	0.03
	67	-2.38	0.75	-1.89	0.00	0.07	-0.01
	68	-1.55	0.77	-1.89	0.00	0.07	-0.02
	69	-2.53	-0.77	-1.89	0.00	0.07	-0.01
	70	-1.70	-0.75	-1.89	0.00	0.07	-0.02
	71	-0.52	2.50	-1.89	0.00	0.07	0.02
	72	-0.02	2.63	-1.89	0.00	0.07	0.00
	73	-2.24	2.37	-1.89	0.00	0.07	0.02
	74	-1.74	2.50	-1.89	0.00	0.07	0.01
	75	2.24	2.57	-1.89	0.00	0.07	-0.01
	76	2.74	2.70	-1.89	0.00	0.07	-0.03
	77	0.52	2.45	-1.89	0.00	0.07	-0.01
	78	1.02	2.58	-1.89	0.00	0.07	-0.02
	79	-1.02	-2.58	-1.89	0.00	0.07	0.02
	80	-0.52	-2.45	-1.89	0.00	0.07	0.01
	81	-2.74	-2.70	-1.89	0.00	0.07	0.03
	82	-2.24	-2.57	-1.89	0.00	0.07	0.01
	83	1.74	-2.50	-1.89	0.00	0.07	-0.01
	84	2.24	-2.37	-1.89	0.00	0.07	-0.02

	85	0.02	-2.63	-1.89	0.00	0.07	-0.00
	86	0.52	-2.50	-1.89	0.00	0.07	-0.02
267	1	0.09	-0.00	-1.72	0.00	-0.42	-0.00
	2	-0.32	0.00	-1.72	0.00	-0.42	0.00
	3	0.04	0.51	-1.72	0.00	-0.42	-0.00
	4	-0.06	-0.51	-1.72	0.00	-0.42	0.00
	5	0.16	-0.00	-1.54	0.00	-0.38	-0.00
	6	-0.54	0.00	-1.54	0.00	-0.38	0.00
	7	0.06	0.85	-1.54	0.00	-0.38	-0.00
	8	-0.11	-0.85	-1.54	0.00	-0.38	0.00
	9	2.06	1.11	-1.01	0.00	-0.25	0.02
	10	3.07	1.04	-1.01	0.00	-0.25	0.01
	11	1.88	-0.71	-1.01	0.00	-0.25	0.03
	12	2.88	-0.79	-1.01	0.00	-0.25	0.01
	13	4.08	1.13	-1.01	0.00	-0.25	-0.03
	14	5.09	1.06	-1.01	0.00	-0.25	-0.05
	15	3.90	-0.70	-1.01	0.00	-0.25	-0.03
	16	4.91	-0.77	-1.01	0.00	-0.25	-0.04
	17	-4.91	0.77	-1.01	0.00	-0.25	0.04
	18	-3.90	0.70	-1.01	0.00	-0.25	0.03
	19	-5.09	-1.06	-1.01	0.00	-0.25	0.05
	20	-4.08	-1.13	-1.01	0.00	-0.25	0.03
	21	-2.88	0.79	-1.01	0.00	-0.25	-0.01
	22	-1.88	0.71	-1.01	0.00	-0.25	-0.03
	23	-3.07	-1.04	-1.01	0.00	-0.25	-0.01
	24	-2.06	-1.11	-1.01	0.00	-0.25	-0.02
	25	-0.63	3.21	-1.01	0.00	-0.25	0.02
	26	-0.02	3.22	-1.01	0.00	-0.25	0.00
	27	-2.72	3.11	-1.01	0.00	-0.25	0.03
	28	-2.11	3.12	-1.01	0.00	-0.25	0.01
	29	2.72	2.97	-1.01	0.00	-0.25	-0.02
	30	3.32	2.98	-1.01	0.00	-0.25	-0.03
	31	0.62	2.87	-1.01	0.00	-0.25	-0.01
	32	1.23	2.87	-1.01	0.00	-0.25	-0.03
	33	-1.23	-2.87	-1.01	0.00	-0.25	0.03
	34	-0.62	-2.87	-1.01	0.00	-0.25	0.01
	35	-3.32	-2.98	-1.01	0.00	-0.25	0.03
	36	-2.72	-2.97	-1.01	0.00	-0.25	0.02
	37	2.11	-3.12	-1.01	0.00	-0.25	-0.01
	38	2.72	-3.11	-1.01	0.00	-0.25	-0.03
	39	0.02	-3.22	-1.01	0.00	-0.25	-0.00
	40	0.63	-3.21	-1.01	0.00	-0.25	-0.02
	41	0.06	-0.00	-1.25	0.00	-0.31	-0.00
	42	-0.21	0.00	-1.25	0.00	-0.31	0.00
	43	0.02	0.34	-1.25	0.00	-0.31	-0.00
	44	-0.04	-0.34	-1.25	0.00	-0.31	0.00
	45	0.10	-0.00	-1.13	0.00	-0.28	-0.00
	46	-0.36	0.00	-1.13	0.00	-0.28	0.00
	47	0.04	0.57	-1.13	0.00	-0.28	-0.00
	48	-0.07	-0.56	-1.13	0.00	-0.28	0.00
	49	0.00	0.00	-1.06	0.00	-0.26	0.00
	50	0.02	-0.00	-1.01	0.00	-0.25	-0.00
	51	-0.07	0.00	-1.01	0.00	-0.25	0.00
	52	0.01	0.11	-1.01	0.00	-0.25	-0.00
	53	-0.01	-0.11	-1.01	0.00	-0.25	0.00
	54	0.00	0.00	-1.01	0.00	-0.25	0.00
	55	1.70	0.92	-1.01	0.00	-0.25	0.02
	56	2.53	0.86	-1.01	0.00	-0.25	0.01
	57	1.55	-0.59	-1.01	0.00	-0.25	0.02
	58	2.38	-0.65	-1.01	0.00	-0.25	0.01
	59	3.37	0.93	-1.01	0.00	-0.25	-0.03
	60	4.20	0.87	-1.01	0.00	-0.25	-0.04
	61	3.22	-0.58	-1.01	0.00	-0.25	-0.03
	62	4.05	-0.64	-1.01	0.00	-0.25	-0.04
	63	-4.05	0.64	-1.01	0.00	-0.25	0.04

	64	-3.22	0.58	-1.01	0.00	-0.25	0.03
	65	-4.20	-0.87	-1.01	0.00	-0.25	0.04
	66	-3.37	-0.93	-1.01	0.00	-0.25	0.03
	67	-2.38	0.65	-1.01	0.00	-0.25	-0.01
	68	-1.55	0.59	-1.01	0.00	-0.25	-0.02
	69	-2.53	-0.86	-1.01	0.00	-0.25	-0.01
	70	-1.70	-0.92	-1.01	0.00	-0.25	-0.02
	71	-0.52	2.65	-1.01	0.00	-0.25	0.02
	72	-0.02	2.66	-1.01	0.00	-0.25	0.00
	73	-2.24	2.57	-1.01	0.00	-0.25	0.02
	74	-1.74	2.57	-1.01	0.00	-0.25	0.01
	75	2.24	2.45	-1.01	0.00	-0.25	-0.01
	76	2.74	2.46	-1.01	0.00	-0.25	-0.03
	77	0.52	2.37	-1.01	0.00	-0.25	-0.01
	78	1.02	2.37	-1.01	0.00	-0.25	-0.02
	79	-1.02	-2.37	-1.01	0.00	-0.25	0.02
	80	-0.52	-2.37	-1.01	0.00	-0.25	0.01
	81	-2.74	-2.46	-1.01	0.00	-0.25	0.03
	82	-2.24	-2.45	-1.01	0.00	-0.25	0.01
	83	1.74	-2.57	-1.01	0.00	-0.25	-0.01
	84	2.24	-2.57	-1.01	0.00	-0.25	-0.02
	85	0.02	-2.66	-1.01	0.00	-0.25	-0.00
	86	0.52	-2.65	-1.01	0.00	-0.25	-0.02
268	1	0.09	-0.00	-2.56	0.00	0.35	-0.00
	2	-0.32	0.01	-2.56	0.00	0.35	0.00
	3	0.04	0.50	-2.56	0.00	0.35	-0.00
	4	-0.06	-0.50	-2.56	0.00	0.35	0.00
	5	0.16	-0.00	-2.29	0.00	0.31	-0.00
	6	-0.54	0.01	-2.29	0.00	0.31	0.00
	7	0.06	0.84	-2.29	0.00	0.31	-0.00
	8	-0.11	-0.83	-2.29	0.00	0.31	0.00
	9	2.06	1.32	-1.51	0.00	0.20	0.02
	10	3.07	1.14	-1.51	0.00	0.20	0.01
	11	1.88	-0.49	-1.51	0.00	0.20	0.03
	12	2.88	-0.66	-1.51	0.00	0.20	0.01
	13	4.08	0.83	-1.51	0.00	0.20	-0.03
	14	5.09	0.65	-1.51	0.00	0.20	-0.05
	15	3.90	-0.98	-1.51	0.00	0.20	-0.03
	16	4.91	-1.16	-1.51	0.00	0.20	-0.04
	17	-4.91	1.16	-1.51	0.00	0.20	0.04
	18	-3.90	0.98	-1.51	0.00	0.20	0.03
	19	-5.09	-0.65	-1.51	0.00	0.20	0.05
	20	-4.08	-0.83	-1.51	0.00	0.20	0.03
	21	-2.88	0.66	-1.51	0.00	0.20	-0.01
	22	-1.88	0.49	-1.51	0.00	0.20	-0.03
	23	-3.07	-1.14	-1.51	0.00	0.20	-0.01
	24	-2.06	-1.32	-1.51	0.00	0.20	-0.02
	25	-0.63	3.40	-1.51	0.00	0.20	0.02
	26	-0.02	3.25	-1.51	0.00	0.20	0.00
	27	-2.72	3.35	-1.51	0.00	0.20	0.03
	28	-2.11	3.21	-1.51	0.00	0.20	0.01
	29	2.72	2.82	-1.51	0.00	0.20	-0.02
	30	3.32	2.67	-1.51	0.00	0.20	-0.03
	31	0.62	2.77	-1.51	0.00	0.20	-0.01
	32	1.23	2.63	-1.51	0.00	0.20	-0.03
	33	-1.23	-2.63	-1.51	0.00	0.20	0.03
	34	-0.62	-2.77	-1.51	0.00	0.20	0.01
	35	-3.32	-2.67	-1.51	0.00	0.20	0.03
	36	-2.72	-2.82	-1.51	0.00	0.20	0.02
	37	2.11	-3.21	-1.51	0.00	0.20	-0.01
	38	2.72	-3.35	-1.51	0.00	0.20	-0.03
	39	0.02	-3.25	-1.51	0.00	0.20	-0.00
	40	0.63	-3.40	-1.51	0.00	0.20	-0.02
	41	0.06	-0.00	-1.87	0.00	0.25	-0.00
	42	-0.21	0.01	-1.87	0.00	0.25	0.00

	43	0.02	0.34	-1.87	0.00	0.25	-0.00
	44	-0.04	-0.33	-1.87	0.00	0.25	0.00
	45	0.10	-0.00	-1.69	0.00	0.23	-0.00
	46	-0.36	0.01	-1.69	0.00	0.23	0.00
	47	0.04	0.56	-1.69	0.00	0.23	-0.00
	48	-0.07	-0.55	-1.69	0.00	0.23	0.00
	49	0.00	0.00	-1.58	0.00	0.21	0.00
	50	0.02	-0.00	-1.51	0.00	0.20	-0.00
	51	-0.07	0.00	-1.51	0.00	0.20	0.00
	52	0.01	0.11	-1.51	0.00	0.20	-0.00
	53	-0.01	-0.11	-1.51	0.00	0.20	0.00
	54	0.00	0.00	-1.51	0.00	0.20	0.00
	55	1.70	1.09	-1.51	0.00	0.20	0.02
	56	2.53	0.94	-1.51	0.00	0.20	0.01
	57	1.55	-0.40	-1.51	0.00	0.20	0.02
	58	2.38	-0.55	-1.51	0.00	0.20	0.01
	59	3.37	0.68	-1.51	0.00	0.20	-0.03
	60	4.20	0.54	-1.51	0.00	0.20	-0.04
	61	3.22	-0.81	-1.51	0.00	0.20	-0.03
	62	4.05	-0.95	-1.51	0.00	0.20	-0.04
	63	-4.05	0.95	-1.51	0.00	0.20	0.04
	64	-3.22	0.81	-1.51	0.00	0.20	0.03
	65	-4.20	-0.54	-1.51	0.00	0.20	0.04
	66	-3.37	-0.68	-1.51	0.00	0.20	0.03
	67	-2.38	0.55	-1.51	0.00	0.20	-0.01
	68	-1.55	0.40	-1.51	0.00	0.20	-0.02
	69	-2.53	-0.94	-1.51	0.00	0.20	-0.01
	70	-1.70	-1.09	-1.51	0.00	0.20	-0.02
	71	-0.52	2.81	-1.51	0.00	0.20	0.02
	72	-0.02	2.69	-1.51	0.00	0.20	0.00
	73	-2.24	2.77	-1.51	0.00	0.20	0.02
	74	-1.74	2.65	-1.51	0.00	0.20	0.01
	75	2.24	2.33	-1.51	0.00	0.20	-0.01
	76	2.74	2.21	-1.51	0.00	0.20	-0.03
	77	0.52	2.29	-1.51	0.00	0.20	-0.01
	78	1.02	2.17	-1.51	0.00	0.20	-0.02
	79	-1.02	-2.17	-1.51	0.00	0.20	0.02
	80	-0.52	-2.29	-1.51	0.00	0.20	0.01
	81	-2.74	-2.21	-1.51	0.00	0.20	0.03
	82	-2.24	-2.33	-1.51	0.00	0.20	0.01
	83	1.74	-2.65	-1.51	0.00	0.20	-0.01
	84	2.24	-2.77	-1.51	0.00	0.20	-0.02
	85	0.02	-2.69	-1.51	0.00	0.20	-0.00
	86	0.52	-2.81	-1.51	0.00	0.20	-0.02
269	1	0.09	-0.00	-3.02	0.00	-0.26	-0.00
	2	-0.32	0.02	-3.02	0.00	-0.26	0.00
	3	0.04	0.50	-3.02	0.00	-0.26	-0.00
	4	-0.06	-0.49	-3.02	0.00	-0.26	0.00
	5	0.16	-0.00	-2.70	0.00	-0.23	-0.00
	6	-0.54	0.03	-2.70	0.00	-0.23	0.00
	7	0.06	0.83	-2.70	0.00	-0.23	-0.00
	8	-0.11	-0.81	-2.70	0.00	-0.23	0.00
	9	2.06	1.52	-1.78	0.00	-0.15	0.02
	10	3.07	1.25	-1.78	0.00	-0.15	0.01
	11	1.88	-0.27	-1.78	0.00	-0.15	0.03
	12	2.88	-0.54	-1.78	0.00	-0.15	0.01
	13	4.08	0.52	-1.78	0.00	-0.15	-0.03
	14	5.09	0.25	-1.78	0.00	-0.15	-0.05
	15	3.90	-1.27	-1.78	0.00	-0.15	-0.03
	16	4.91	-1.54	-1.78	0.00	-0.15	-0.04
	17	-4.91	1.54	-1.78	0.00	-0.15	0.04
	18	-3.90	1.27	-1.78	0.00	-0.15	0.03
	19	-5.09	-0.25	-1.78	0.00	-0.15	0.05
	20	-4.08	-0.52	-1.78	0.00	-0.15	0.03
	21	-2.88	0.54	-1.78	0.00	-0.15	-0.01

	22	-1.88	0.27	-1.78	0.00	-0.15	-0.03
	23	-3.07	-1.25	-1.78	0.00	-0.15	-0.01
	24	-2.06	-1.52	-1.78	0.00	-0.15	-0.02
	25	-0.63	3.59	-1.78	0.00	-0.15	0.02
	26	-0.02	3.29	-1.78	0.00	-0.15	0.00
	27	-2.72	3.59	-1.78	0.00	-0.15	0.03
	28	-2.11	3.29	-1.78	0.00	-0.15	0.01
	29	2.72	2.67	-1.78	0.00	-0.15	-0.02
	30	3.32	2.37	-1.78	0.00	-0.15	-0.03
	31	0.62	2.68	-1.78	0.00	-0.15	-0.01
	32	1.23	2.38	-1.78	0.00	-0.15	-0.03
	33	-1.23	-2.38	-1.78	0.00	-0.15	0.03
	34	-0.62	-2.68	-1.78	0.00	-0.15	0.01
	35	-3.32	-2.37	-1.78	0.00	-0.15	0.03
	36	-2.72	-2.67	-1.78	0.00	-0.15	0.02
	37	2.11	-3.29	-1.78	0.00	-0.15	-0.01
	38	2.72	-3.59	-1.78	0.00	-0.15	-0.03
	39	0.02	-3.29	-1.78	0.00	-0.15	-0.00
	40	0.63	-3.59	-1.78	0.00	-0.15	-0.02
	41	0.06	-0.00	-2.20	0.00	-0.19	-0.00
	42	-0.21	0.01	-2.20	0.00	-0.19	0.00
	43	0.02	0.33	-2.20	0.00	-0.19	-0.00
	44	-0.04	-0.32	-2.20	0.00	-0.19	0.00
	45	0.10	-0.00	-1.99	0.00	-0.17	-0.00
	46	-0.36	0.02	-1.99	0.00	-0.17	0.00
	47	0.04	0.55	-1.99	0.00	-0.17	-0.00
	48	-0.07	-0.54	-1.99	0.00	-0.17	0.00
	49	0.00	0.00	-1.86	0.00	-0.16	0.00
	50	0.02	-0.00	-1.78	0.00	-0.15	-0.00
	51	-0.07	0.00	-1.78	0.00	-0.15	0.00
	52	0.01	0.11	-1.78	0.00	-0.15	-0.00
	53	-0.01	-0.11	-1.78	0.00	-0.15	0.00
	54	0.00	0.00	-1.78	0.00	-0.15	0.00
	55	1.70	1.26	-1.78	0.00	-0.15	0.02
	56	2.53	1.03	-1.78	0.00	-0.15	0.01
	57	1.55	-0.22	-1.78	0.00	-0.15	0.02
	58	2.38	-0.45	-1.78	0.00	-0.15	0.01
	59	3.37	0.43	-1.78	0.00	-0.15	-0.03
	60	4.20	0.20	-1.78	0.00	-0.15	-0.04
	61	3.22	-1.05	-1.78	0.00	-0.15	-0.03
	62	4.05	-1.27	-1.78	0.00	-0.15	-0.04
	63	-4.05	1.27	-1.78	0.00	-0.15	0.04
	64	-3.22	1.05	-1.78	0.00	-0.15	0.03
	65	-4.20	-0.20	-1.78	0.00	-0.15	0.04
	66	-3.37	-0.43	-1.78	0.00	-0.15	0.03
	67	-2.38	0.45	-1.78	0.00	-0.15	-0.01
	68	-1.55	0.22	-1.78	0.00	-0.15	-0.02
	69	-2.53	-1.03	-1.78	0.00	-0.15	-0.01
	70	-1.70	-1.26	-1.78	0.00	-0.15	-0.02
	71	-0.52	2.96	-1.78	0.00	-0.15	0.02
	72	-0.02	2.71	-1.78	0.00	-0.15	0.00
	73	-2.24	2.97	-1.78	0.00	-0.15	0.02
	74	-1.74	2.72	-1.78	0.00	-0.15	0.01
	75	2.24	2.21	-1.78	0.00	-0.15	-0.01
	76	2.74	1.96	-1.78	0.00	-0.15	-0.03
	77	0.52	2.21	-1.78	0.00	-0.15	-0.01
	78	1.02	1.96	-1.78	0.00	-0.15	-0.02
	79	-1.02	-1.96	-1.78	0.00	-0.15	0.02
	80	-0.52	-2.21	-1.78	0.00	-0.15	0.01
	81	-2.74	-1.96	-1.78	0.00	-0.15	0.03
	82	-2.24	-2.21	-1.78	0.00	-0.15	0.01
	83	1.74	-2.72	-1.78	0.00	-0.15	-0.01
	84	2.24	-2.97	-1.78	0.00	-0.15	-0.02
	85	0.02	-2.71	-1.78	0.00	-0.15	-0.00
	86	0.52	-2.96	-1.78	0.00	-0.15	-0.02

270	1	0.09	-0.00	-0.97	0.00	0.46	-0.00
	2	-0.32	0.02	-0.97	0.00	0.46	0.00
	3	0.04	0.49	-0.97	0.00	0.46	-0.00
	4	-0.06	-0.48	-0.97	0.00	0.46	0.00
	5	0.16	-0.00	-0.87	0.00	0.41	-0.00
	6	-0.54	0.04	-0.87	0.00	0.41	0.00
	7	0.06	0.82	-0.87	0.00	0.41	-0.00
	8	-0.11	-0.79	-0.87	0.00	0.41	0.00
	9	2.06	1.73	-0.57	0.00	0.27	0.02
	10	3.07	1.36	-0.57	0.00	0.27	0.01
	11	1.88	-0.04	-0.57	0.00	0.27	0.03
	12	2.88	-0.42	-0.57	0.00	0.27	0.01
	13	4.08	0.22	-0.57	0.00	0.27	-0.03
	14	5.09	-0.16	-0.57	0.00	0.27	-0.05
	15	3.90	-1.55	-0.57	0.00	0.27	-0.03
	16	4.91	-1.93	-0.57	0.00	0.27	-0.04
	17	-4.91	1.93	-0.57	0.00	0.27	0.04
	18	-3.90	1.55	-0.57	0.00	0.27	0.03
	19	-5.09	0.16	-0.57	0.00	0.27	0.05
	20	-4.08	-0.22	-0.57	0.00	0.27	0.03
	21	-2.88	0.42	-0.57	0.00	0.27	-0.01
	22	-1.88	0.04	-0.57	0.00	0.27	-0.03
	23	-3.07	-1.36	-0.57	0.00	0.27	-0.01
	24	-2.06	-1.73	-0.57	0.00	0.27	-0.02
	25	-0.63	3.78	-0.57	0.00	0.27	0.02
	26	-0.02	3.32	-0.57	0.00	0.27	0.00
	27	-2.72	3.84	-0.57	0.00	0.27	0.03
	28	-2.11	3.38	-0.57	0.00	0.27	0.01
	29	2.72	2.53	-0.57	0.00	0.27	-0.02
	30	3.32	2.07	-0.57	0.00	0.27	-0.03
	31	0.62	2.58	-0.57	0.00	0.27	-0.01
	32	1.23	2.13	-0.57	0.00	0.27	-0.03
	33	-1.23	-2.13	-0.57	0.00	0.27	0.03
	34	-0.62	-2.58	-0.57	0.00	0.27	0.01
	35	-3.32	-2.07	-0.57	0.00	0.27	0.03
	36	-2.72	-2.53	-0.57	0.00	0.27	0.02
	37	2.11	-3.38	-0.57	0.00	0.27	-0.01
	38	2.72	-3.84	-0.57	0.00	0.27	-0.03
	39	0.02	-3.32	-0.57	0.00	0.27	-0.00
	40	0.63	-3.78	-0.57	0.00	0.27	-0.02
	41	0.06	-0.00	-0.71	0.00	0.34	-0.00
	42	-0.21	0.02	-0.71	0.00	0.34	0.00
	43	0.02	0.33	-0.71	0.00	0.34	-0.00
	44	-0.04	-0.32	-0.71	0.00	0.34	0.00
	45	0.10	-0.00	-0.64	0.00	0.31	-0.00
	46	-0.36	0.03	-0.64	0.00	0.31	0.00
	47	0.04	0.55	-0.64	0.00	0.31	-0.00
	48	-0.07	-0.53	-0.64	0.00	0.31	0.00
	49	0.00	0.00	-0.60	0.00	0.29	0.00
	50	0.02	-0.00	-0.57	0.00	0.27	-0.00
	51	-0.07	0.01	-0.57	0.00	0.27	0.00
	52	0.01	0.11	-0.57	0.00	0.27	-0.00
	53	-0.01	-0.11	-0.57	0.00	0.27	0.00
	54	0.00	0.00	-0.57	0.00	0.27	0.00
	55	1.70	1.43	-0.57	0.00	0.27	0.02
	56	2.53	1.12	-0.57	0.00	0.27	0.01
	57	1.55	-0.03	-0.57	0.00	0.27	0.02
	58	2.38	-0.34	-0.57	0.00	0.27	0.01
	59	3.37	0.18	-0.57	0.00	0.27	-0.03
	60	4.20	-0.13	-0.57	0.00	0.27	-0.04
	61	3.22	-1.28	-0.57	0.00	0.27	-0.03
	62	4.05	-1.59	-0.57	0.00	0.27	-0.04
	63	-4.05	1.59	-0.57	0.00	0.27	0.04
	64	-3.22	1.28	-0.57	0.00	0.27	0.03
	65	-4.20	0.13	-0.57	0.00	0.27	0.04

	66	-3.37	-0.18	-0.57	0.00	0.27	0.03
	67	-2.38	0.34	-0.57	0.00	0.27	-0.01
	68	-1.55	0.03	-0.57	0.00	0.27	-0.02
	69	-2.53	-1.12	-0.57	0.00	0.27	-0.01
	70	-1.70	-1.43	-0.57	0.00	0.27	-0.02
	71	-0.52	3.12	-0.57	0.00	0.27	0.02
	72	-0.02	2.74	-0.57	0.00	0.27	0.00
	73	-2.24	3.16	-0.57	0.00	0.27	0.02
	74	-1.74	2.79	-0.57	0.00	0.27	0.01
	75	2.24	2.08	-0.57	0.00	0.27	-0.01
	76	2.74	1.71	-0.57	0.00	0.27	-0.03
	77	0.52	2.13	-0.57	0.00	0.27	-0.01
	78	1.02	1.76	-0.57	0.00	0.27	-0.02
	79	-1.02	-1.76	-0.57	0.00	0.27	0.02
	80	-0.52	-2.13	-0.57	0.00	0.27	0.01
	81	-2.74	-1.71	-0.57	0.00	0.27	0.03
	82	-2.24	-2.08	-0.57	0.00	0.27	0.01
	83	1.74	-2.79	-0.57	0.00	0.27	-0.01
	84	2.24	-3.16	-0.57	0.00	0.27	-0.02
	85	0.02	-2.74	-0.57	0.00	0.27	-0.00
	86	0.52	-3.12	-0.57	0.00	0.27	-0.02
271	1	0.09	-0.00	-3.25	0.00	-0.01	-0.00
	2	-0.32	0.03	-3.25	0.00	-0.01	0.00
	3	0.04	0.48	-3.25	0.00	-0.01	-0.00
	4	-0.06	-0.47	-3.25	0.00	-0.01	0.00
	5	0.16	-0.00	-2.92	0.00	-0.01	-0.00
	6	-0.54	0.05	-2.92	0.00	-0.01	0.00
	7	0.06	0.81	-2.92	0.00	-0.01	-0.00
	8	-0.11	-0.78	-2.92	0.00	-0.01	0.00
	9	2.06	1.94	-1.93	0.00	-0.01	0.02
	10	3.07	1.46	-1.93	0.00	-0.01	0.01
	11	1.88	0.18	-1.93	0.00	-0.01	0.03
	12	2.88	-0.29	-1.93	0.00	-0.01	0.01
	13	4.08	-0.08	-1.93	0.00	-0.01	-0.03
	14	5.09	-0.56	-1.93	0.00	-0.01	-0.05
	15	3.90	-1.84	-1.93	0.00	-0.01	-0.03
	16	4.91	-2.31	-1.93	0.00	-0.01	-0.04
	17	-4.91	2.31	-1.93	0.00	-0.01	0.04
	18	-3.90	1.84	-1.93	0.00	-0.01	0.03
	19	-5.09	0.56	-1.93	0.00	-0.01	0.05
	20	-4.08	0.08	-1.93	0.00	-0.01	0.03
	21	-2.88	0.29	-1.93	0.00	-0.01	-0.01
	22	-1.88	-0.18	-1.93	0.00	-0.01	-0.03
	23	-3.07	-1.46	-1.93	0.00	-0.01	-0.01
	24	-2.06	-1.94	-1.93	0.00	-0.01	-0.02
	25	-0.63	3.96	-1.93	0.00	-0.01	0.02
	26	-0.02	3.36	-1.93	0.00	-0.01	0.00
	27	-2.72	4.08	-1.93	0.00	-0.01	0.03
	28	-2.11	3.47	-1.93	0.00	-0.01	0.01
	29	2.72	2.38	-1.93	0.00	-0.01	-0.02
	30	3.32	1.77	-1.93	0.00	-0.01	-0.03
	31	0.62	2.49	-1.93	0.00	-0.01	-0.01
	32	1.23	1.88	-1.93	0.00	-0.01	-0.03
	33	-1.23	-1.88	-1.93	0.00	-0.01	0.03
	34	-0.62	-2.49	-1.93	0.00	-0.01	0.01
	35	-3.32	-1.77	-1.93	0.00	-0.01	0.03
	36	-2.72	-2.38	-1.93	0.00	-0.01	0.02
	37	2.11	-3.47	-1.93	0.00	-0.01	-0.01
	38	2.72	-4.08	-1.93	0.00	-0.01	-0.03
	39	0.02	-3.36	-1.93	0.00	-0.01	-0.00
	40	0.63	-3.96	-1.93	0.00	-0.01	-0.02
	41	0.06	-0.00	-2.37	0.00	-0.01	-0.00
	42	-0.21	0.02	-2.37	0.00	-0.01	0.00
	43	0.02	0.32	-2.37	0.00	-0.01	-0.00
	44	-0.04	-0.31	-2.37	0.00	-0.01	0.00

	45	0.10	-0.00	-2.15	0.00	-0.01	-0.00
	46	-0.36	0.04	-2.15	0.00	-0.01	0.00
	47	0.04	0.54	-2.15	0.00	-0.01	-0.00
	48	-0.07	-0.52	-2.15	0.00	-0.01	0.00
	49	0.00	0.00	-2.02	0.00	-0.01	0.00
	50	0.02	-0.00	-1.93	0.00	-0.01	-0.00
	51	-0.07	0.01	-1.93	0.00	-0.01	0.00
	52	0.01	0.11	-1.93	0.00	-0.01	-0.00
	53	-0.01	-0.10	-1.93	0.00	-0.01	0.00
	54	0.00	0.00	-1.93	0.00	-0.01	0.00
	55	1.70	1.60	-1.93	0.00	-0.01	0.02
	56	2.53	1.21	-1.93	0.00	-0.01	0.01
	57	1.55	0.15	-1.93	0.00	-0.01	0.02
	58	2.38	-0.24	-1.93	0.00	-0.01	0.01
	59	3.37	-0.07	-1.93	0.00	-0.01	-0.03
	60	4.20	-0.46	-1.93	0.00	-0.01	-0.04
	61	3.22	-1.52	-1.93	0.00	-0.01	-0.03
	62	4.05	-1.91	-1.93	0.00	-0.01	-0.04
	63	-4.05	1.91	-1.93	0.00	-0.01	0.04
	64	-3.22	1.52	-1.93	0.00	-0.01	0.03
	65	-4.20	0.46	-1.93	0.00	-0.01	0.04
	66	-3.37	0.07	-1.93	0.00	-0.01	0.03
	67	-2.38	0.24	-1.93	0.00	-0.01	-0.01
	68	-1.55	-0.15	-1.93	0.00	-0.01	-0.02
	69	-2.53	-1.21	-1.93	0.00	-0.01	-0.01
	70	-1.70	-1.60	-1.93	0.00	-0.01	-0.02
	71	-0.52	3.27	-1.93	0.00	-0.01	0.02
	72	-0.02	2.77	-1.93	0.00	-0.01	0.00
	73	-2.24	3.36	-1.93	0.00	-0.01	0.02
	74	-1.74	2.86	-1.93	0.00	-0.01	0.01
	75	2.24	1.96	-1.93	0.00	-0.01	-0.01
	76	2.74	1.46	-1.93	0.00	-0.01	-0.03
	77	0.52	2.05	-1.93	0.00	-0.01	-0.01
	78	1.02	1.55	-1.93	0.00	-0.01	-0.02
	79	-1.02	-1.55	-1.93	0.00	-0.01	0.02
	80	-0.52	-2.05	-1.93	0.00	-0.01	0.01
	81	-2.74	-1.46	-1.93	0.00	-0.01	0.03
	82	-2.24	-1.96	-1.93	0.00	-0.01	0.01
	83	1.74	-2.86	-1.93	0.00	-0.01	-0.01
	84	2.24	-3.36	-1.93	0.00	-0.01	-0.02
	85	0.02	-2.77	-1.93	0.00	-0.01	-0.00
	86	0.52	-3.27	-1.93	0.00	-0.01	-0.02
272	1	0.09	-0.00	-0.83	0.00	-0.46	-0.00
	2	-0.32	0.04	-0.83	0.00	-0.46	0.00
	3	0.04	0.48	-0.83	0.00	-0.46	-0.00
	4	-0.06	-0.45	-0.83	0.00	-0.46	0.00
	5	0.16	-0.00	-0.75	0.00	-0.41	-0.00
	6	-0.54	0.07	-0.75	0.00	-0.41	0.00
	7	0.06	0.80	-0.75	0.00	-0.41	-0.00
	8	-0.11	-0.76	-0.75	0.00	-0.41	0.00
	9	2.06	2.14	-0.50	0.00	-0.27	0.02
	10	3.07	1.57	-0.50	0.00	-0.27	0.01
	11	1.88	0.41	-0.50	0.00	-0.27	0.03
	12	2.88	-0.17	-0.50	0.00	-0.27	0.01
	13	4.08	-0.39	-0.50	0.00	-0.27	-0.03
	14	5.09	-0.96	-0.50	0.00	-0.27	-0.05
	15	3.90	-2.12	-0.50	0.00	-0.27	-0.03
	16	4.91	-2.70	-0.50	0.00	-0.27	-0.04
	17	-4.91	2.70	-0.50	0.00	-0.27	0.04
	18	-3.90	2.12	-0.50	0.00	-0.27	0.03
	19	-5.09	0.96	-0.50	0.00	-0.27	0.05
	20	-4.08	0.39	-0.50	0.00	-0.27	0.03
	21	-2.88	0.17	-0.50	0.00	-0.27	-0.01
	22	-1.88	-0.41	-0.50	0.00	-0.27	-0.03
	23	-3.07	-1.57	-0.50	0.00	-0.27	-0.01

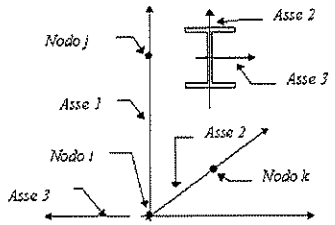
	24	-2.06	-2.14	-0.50	0.00	-0.27	-0.02
	25	-0.63	4.15	-0.50	0.00	-0.27	0.02
	26	-0.02	3.39	-0.50	0.00	-0.27	0.00
	27	-2.72	4.32	-0.50	0.00	-0.27	0.03
	28	-2.11	3.56	-0.50	0.00	-0.27	0.01
	29	2.72	2.23	-0.50	0.00	-0.27	-0.02
	30	3.32	1.47	-0.50	0.00	-0.27	-0.03
	31	0.62	2.39	-0.50	0.00	-0.27	-0.01
	32	1.23	1.64	-0.50	0.00	-0.27	-0.03
	33	-1.23	-1.64	-0.50	0.00	-0.27	0.03
	34	-0.62	-2.39	-0.50	0.00	-0.27	0.01
	35	-3.32	-1.47	-0.50	0.00	-0.27	0.03
	36	-2.72	-2.23	-0.50	0.00	-0.27	0.02
	37	2.11	-3.56	-0.50	0.00	-0.27	-0.01
	38	2.72	-4.32	-0.50	0.00	-0.27	-0.03
	39	0.02	-3.39	-0.50	0.00	-0.27	-0.00
	40	0.63	-4.15	-0.50	0.00	-0.27	-0.02
	41	0.06	-0.00	-0.61	0.00	-0.33	-0.00
	42	-0.21	0.03	-0.61	0.00	-0.33	0.00
	43	0.02	0.32	-0.61	0.00	-0.33	-0.00
	44	-0.04	-0.30	-0.61	0.00	-0.33	0.00
	45	0.10	-0.00	-0.55	0.00	-0.30	-0.00
	46	-0.36	0.04	-0.55	0.00	-0.30	0.00
	47	0.04	0.53	-0.55	0.00	-0.30	-0.00
	48	-0.07	-0.50	-0.55	0.00	-0.30	0.00
	49	0.00	0.00	-0.52	0.00	-0.29	0.00
	50	0.02	-0.00	-0.50	0.00	-0.27	-0.00
	51	-0.07	0.01	-0.50	0.00	-0.27	0.00
	52	0.01	0.11	-0.50	0.00	-0.27	-0.00
	53	-0.01	-0.10	-0.50	0.00	-0.27	0.00
	54	0.00	0.00	-0.50	0.00	-0.27	0.00
	55	1.70	1.77	-0.50	0.00	-0.27	0.02
	56	2.53	1.29	-0.50	0.00	-0.27	0.01
	57	1.55	0.34	-0.50	0.00	-0.27	0.02
	58	2.38	-0.14	-0.50	0.00	-0.27	0.01
	59	3.37	-0.32	-0.50	0.00	-0.27	-0.03
	60	4.20	-0.79	-0.50	0.00	-0.27	-0.04
	61	3.22	-1.75	-0.50	0.00	-0.27	-0.03
	62	4.05	-2.23	-0.50	0.00	-0.27	-0.04
	63	-4.05	2.23	-0.50	0.00	-0.27	0.04
	64	-3.22	1.75	-0.50	0.00	-0.27	0.03
	65	-4.20	0.79	-0.50	0.00	-0.27	0.04
	66	-3.37	0.32	-0.50	0.00	-0.27	0.03
	67	-2.38	0.14	-0.50	0.00	-0.27	-0.01
	68	-1.55	-0.34	-0.50	0.00	-0.27	-0.02
	69	-2.53	-1.29	-0.50	0.00	-0.27	-0.01
	70	-1.70	-1.77	-0.50	0.00	-0.27	-0.02
	71	-0.52	3.43	-0.50	0.00	-0.27	0.02
	72	-0.02	2.80	-0.50	0.00	-0.27	0.00
	73	-2.24	3.56	-0.50	0.00	-0.27	0.02
	74	-1.74	2.94	-0.50	0.00	-0.27	0.01
	75	2.24	1.84	-0.50	0.00	-0.27	-0.01
	76	2.74	1.21	-0.50	0.00	-0.27	-0.03
	77	0.52	1.98	-0.50	0.00	-0.27	-0.01
	78	1.02	1.35	-0.50	0.00	-0.27	-0.02
	79	-1.02	-1.35	-0.50	0.00	-0.27	0.02
	80	-0.52	-1.98	-0.50	0.00	-0.27	0.01
	81	-2.74	-1.21	-0.50	0.00	-0.27	0.03
	82	-2.24	-1.84	-0.50	0.00	-0.27	0.01
	83	1.74	-2.94	-0.50	0.00	-0.27	-0.01
	84	2.24	-3.56	-0.50	0.00	-0.27	-0.02
	85	0.02	-2.80	-0.50	0.00	-0.27	-0.00
	86	0.52	-3.43	-0.50	0.00	-0.27	-0.02

- Sollecitazioni nei pilastri

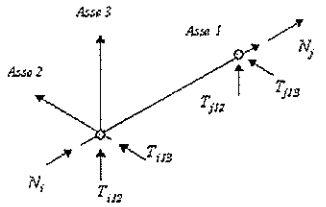
- Convenzioni adottate

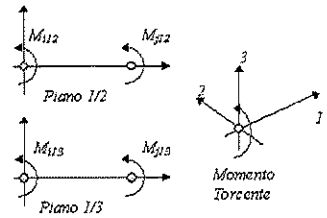
Le sollecitazioni nei pilastri sono da intendersi nel sistema di riferimento locale dell'elemento e si riferiscono all'asta.

L'orientamento del pilastro nello spazio è definito a mezzo del nodo *K*. La terna di riferimento locale dell'asta è così disposta:



Per qunto concerne i segni positivi assunti per le varie componenti di sollecitazione si assumono come positivi i versi e le sollecitazioni così diretti:





Per ogni pilastro vengono riportate, nelle varie combinazioni di carico, le componenti di sollecitazione alle estremità dell'asta.

Comb.	Nodo	N [kg]	T1-2 [kg]	T1-3 [kg]	Mt [kgm]	M1-3 [kgm]	M1-2 [kgm]
1	1	69167.9	16.3	-3227.4	0.0	4041.3	21.4
	101	-64066.7	-16.3	3227.4	0.0	10030.0	49.5
2	1	69167.9	-317.8	-3103.3	0.0	5878.6	-417.5
	101	-64066.7	317.8	3103.3	0.0	7651.8	-968.2
3	1	69167.9	429.9	-3185.2	0.0	4665.0	-2470.6
	101	-64066.7	-429.9	3185.2	0.0	9222.6	4344.8

4	1	69167.9	-625.6	-3209.7	0.0	4303.5	2213.5
	101	-64066.7	625.6	3209.7	0.0	9690.6	-4941.0
5	1	65666.0	27.1	-3080.3	0.0	3470.6	35.6
	101	-60564.8	-27.1	3080.3	0.0	9959.3	82.6
6	1	65666.0	-529.7	-2873.5	0.0	6532.9	-695.8
	101	-60564.8	529.7	2873.5	0.0	5995.6	-1613.7
7	1	65666.0	716.5	-3010.1	0.0	4510.2	-4117.6
	101	-60564.8	-716.5	3010.1	0.0	8613.6	7241.3
8	1	65666.0	-1042.6	-3050.7	0.0	3907.6	3689.1
	101	-60564.8	1042.6	3050.7	0.0	9393.6	-8235.0
9	1	45859.2	-9725.5	6271.6	0.0	-26565.2	-18770.3
	101	-41935.2	9725.5	-6271.6	0.0	32831.4	-12344.2
10	1	45820.4	-10125.0	6513.3	0.0	-21920.0	-16745.6
	101	-41896.4	10125.0	-6513.3	0.0	28681.3	-7200.2
11	1	45864.0	-3073.4	6344.5	0.0	-27246.7	-1327.2
	101	-41940.0	3073.4	-6344.5	0.0	33447.1	-32377.1
12	1	45825.2	-3472.8	6586.2	0.0	-22601.5	697.4
	101	-41901.2	3472.8	-6586.2	0.0	29296.9	-27233.1
13	1	45848.8	10633.9	6115.4	0.0	-24525.0	8464.1
	101	-41924.8	-10633.9	-6115.4	0.0	30111.2	49344.4
14	1	45810.0	10234.5	6357.2	0.0	-19879.8	10488.7
	101	-41886.0	-10234.5	-6357.2	0.0	25961.1	54488.4
15	1	45853.5	17286.0	6188.4	0.0	-25206.5	25907.1
	101	-41929.5	-17286.0	-6188.4	0.0	30726.9	29311.5
16	1	45814.7	16886.6	6430.1	0.0	-20561.3	27931.7
	101	-41890.7	-16886.6	-6430.1	0.0	26576.7	34455.5
17	1	45519.1	-16886.6	-10527.3	0.0	26380.5	-27931.7
	101	-41595.1	16886.6	10527.3	0.0	-14532.2	-34455.5
18	1	45480.3	-17286.0	-10285.5	0.0	31025.8	-25907.1
	101	-41556.3	17286.0	10285.5	0.0	-18682.4	-29311.5
19	1	45523.8	-10234.5	-10454.4	0.0	25699.1	-10488.7
	101	-41599.8	10234.5	10454.4	0.0	-13916.6	-54488.4
20	1	45485.0	-10633.9	-10212.6	0.0	30344.3	-8464.1
	101	-41561.0	10633.9	10212.6	0.0	-18066.7	-49344.4
21	1	45508.6	3472.8	-10683.4	0.0	28420.8	-697.4
	101	-41584.6	-3472.8	10683.4	0.0	-17252.4	27233.1
22	1	45469.8	3073.4	-10441.7	0.0	33066.0	1327.2
	101	-41545.8	-3073.4	10441.7	0.0	-21402.6	32377.1
23	1	45513.4	10125.0	-10610.5	0.0	27739.3	16745.7
	101	-41589.4	-10125.0	10610.5	0.0	-16636.8	7200.2
24	1	45474.6	9725.5	-10368.8	0.0	32384.5	18770.3
	101	-41550.6	-9725.5	10368.8	0.0	-20786.9	12344.2
25	1	45776.2	-12400.8	-29.7	0.0	-11944.5	-35157.0
	101	-41852.2	12400.8	29.7	0.0	19425.7	18878.3
26	1	45773.1	-6293.0	-76.6	0.0	-11332.5	-26986.7
	101	-41849.1	6293.0	76.6	0.0	18609.6	37384.9
27	1	45674.2	-14549.1	-5069.4	0.0	3939.2	-37905.4
	101	-41750.2	14549.1	5069.4	0.0	5216.6	12244.9
28	1	45671.0	-8441.3	-5116.2	0.0	4551.3	-29735.1
	101	-41747.0	8441.3	5116.2	0.0	4400.5	30751.4
29	1	45646.9	-13732.4	776.0	0.0	3539.5	-28408.3
	101	-41722.9	13732.4	-776.0	0.0	5591.9	36024.9
30	1	45643.7	-7624.6	729.2	0.0	4151.6	-20238.0
	101	-41719.7	7624.6	-729.2	0.0	4775.8	54531.4
31	1	45544.8	-15880.7	-4263.7	0.0	19423.3	-31156.7
	101	-41620.8	15880.7	4263.7	0.0	-8617.2	29391.4
32	1	45541.7	-9772.9	-4310.5	0.0	20035.3	-22986.4
	101	-41617.7	9772.9	4310.5	0.0	-9433.3	47898.0
33	1	45792.1	9772.9	213.3	0.0	-14216.1	22986.4
	101	-41868.1	-9772.9	-213.3	0.0	21477.8	-47898.0
34	1	45789.0	15880.7	166.5	0.0	-13604.0	31156.7
	101	-41865.0	-15880.7	-166.5	0.0	20661.7	-29391.5
35	1	45690.1	7624.6	-4826.3	0.0	1667.7	20238.0
	101	-41766.1	-7624.6	4826.3	0.0	7268.7	-54531.4
36	1	45686.9	13732.4	-4873.2	0.0	2279.7	28408.3

	101	-41762.9	-13732.4	4873.2	0.0	6452.6	-36024.9
37	1	45662.8	8441.3	1019.0	0.0	1268.0	29735.1
	101	-41738.8	-8441.3	-1019.0	0.0	7644.0	-30751.4
38	1	45659.6	14549.1	972.2	0.0	1880.1	37905.4
	101	-41735.6	-14549.1	-972.2	0.0	6827.9	-12244.9
39	1	45560.7	6293.0	-4020.6	0.0	17151.7	26986.7
	101	-41636.7	-6293.0	4020.6	0.0	-6565.1	-37384.8
40	1	45557.6	12400.8	-4067.5	0.0	17763.8	35157.0
	101	-41633.6	-12400.8	4067.5	0.0	-7381.2	-18878.3
41	1	50825.0	10.8	-2334.4	0.0	2953.8	14.2
	101	-46901.0	-10.8	2334.4	0.0	7224.1	33.0
42	1	50825.0	-211.9	-2251.7	0.0	4178.7	-278.3
	101	-46901.0	211.9	2251.7	0.0	5638.6	-645.5
43	1	50825.0	286.6	-2306.3	0.0	3369.7	-1647.0
	101	-46901.0	-286.6	2306.3	0.0	6685.8	2896.5
44	1	50825.0	-417.1	-2322.6	0.0	3128.6	1475.6
	101	-46901.0	417.1	2322.6	0.0	6997.8	-3294.0
45	1	48490.4	18.1	-2236.3	0.0	2573.4	23.7
	101	-44566.4	-18.1	2236.3	0.0	7176.9	55.0
46	1	48490.4	-353.1	-2098.5	0.0	4614.9	-463.9
	101	-44566.4	353.1	2098.5	0.0	4534.4	-1075.8
47	1	48490.4	477.6	-2189.5	0.0	3266.5	-2745.1
	101	-44566.4	-477.6	2189.5	0.0	6279.8	4827.6
48	1	48490.4	-695.1	-2216.6	0.0	2864.7	2459.4
	101	-44566.4	695.1	2216.6	0.0	6799.8	-5490.0
49	1	46991.8	-0.0	-2123.9	0.0	3016.6	-0.0
	101	-43067.9	0.0	2123.9	0.0	6243.6	-0.0
50	1	45666.9	3.6	-2056.0	0.0	2799.6	4.7
	101	-41742.9	-3.6	2056.0	0.0	6164.7	11.0
51	1	45666.9	-70.6	-2028.5	0.0	3207.9	-92.8
	101	-41742.9	70.6	2028.5	0.0	5636.2	-215.2
52	1	45666.9	95.5	-2046.7	0.0	2938.2	-549.0
	101	-41742.9	-95.5	2046.7	0.0	5985.2	965.5
53	1	45666.9	-139.0	-2052.1	0.0	2857.9	491.9
	101	-41742.9	139.0	2052.1	0.0	6089.2	-1098.0
54	1	45666.9	-0.0	-2048.6	0.0	2909.6	-0.0
	101	-41742.9	0.0	2048.6	0.0	6022.3	-0.0
55	1	45830.9	-8201.7	5467.9	0.0	-22523.6	-15798.5
	101	-41906.9	8201.7	-5467.9	0.0	29113.9	-22783.3
56	1	45798.9	-8511.0	5678.0	0.0	-18686.3	-14204.5
	101	-41874.9	8511.0	-5678.0	0.0	25685.7	-5761.4
57	1	45834.8	-2381.5	5538.4	0.0	-23081.1	-713.5
	101	-41910.8	2381.5	-5538.4	0.0	29617.8	-26900.1
58	1	45802.8	-2690.9	5748.5	0.0	-19243.8	880.5
	101	-41878.8	2690.9	-5748.5	0.0	26189.6	-9878.2
59	1	45822.3	8598.7	5323.5	0.0	-20864.8	6677.3
	101	-41898.3	-8598.7	-5323.5	0.0	26949.2	28120.1
60	1	45790.3	8289.4	5533.6	0.0	-17027.5	8271.3
	101	-41866.3	-8289.4	-5533.6	0.0	23521.0	45142.0
61	1	45826.2	14418.8	5394.1	0.0	-21422.3	21762.3
	101	-41902.2	-14418.8	-5394.1	0.0	27453.1	24003.3
62	1	45794.2	14109.5	5604.2	0.0	-17585.0	23356.3
	101	-41870.2	-14109.5	-5604.2	0.0	24025.0	41025.2
63	1	45539.6	-14109.5	-9701.4	0.0	23404.3	-23356.3
	101	-41615.6	14109.5	9701.4	0.0	-11980.5	-41025.2
64	1	45507.6	-14418.8	-9491.3	0.0	27241.6	-21762.3
	101	-41583.6	14418.8	9491.3	0.0	-15408.6	-24003.3
65	1	45543.5	-8289.4	-9630.8	0.0	22846.7	-8271.3
	101	-41619.5	8289.4	9630.8	0.0	-11476.5	-45142.0
66	1	45511.5	-8598.7	-9420.7	0.0	26684.1	-6677.3
	101	-41587.5	8598.7	9420.7	0.0	-14904.7	-28120.1
67	1	45531.0	2690.9	-9845.7	0.0	25063.1	-880.5
	101	-41607.0	-2690.9	9845.7	0.0	-14145.1	9878.2
68	1	45499.0	2381.5	-9635.6	0.0	28900.4	713.5
	101	-41575.0	-2381.5	9635.6	0.0	-17573.3	26900.1

69	1	45534.9	8511.0	-9775.2	0.0	24505.5	14204.5
	101	-41610.9	-8511.0	9775.2	0.0	-13641.2	5761.4
70	1	45502.9	8201.6	-9565.1	0.0	28342.9	15798.5
	101	-41578.9	-8201.6	9565.1	0.0	-17069.4	22783.3
71	1	45758.8	-10818.5	-219.3	0.0	-9694.7	-30035.9
	101	-41834.8	10818.5	219.3	0.0	17384.8	-26407.7
72	1	45756.2	-5778.4	-262.6	0.0	-9197.1	-23293.2
	101	-41832.2	5778.4	262.6	0.0	16735.4	-11136.7
73	1	45671.4	-12590.9	-4770.1	0.0	4083.7	-32303.3
	101	-41747.4	12590.9	4770.1	0.0	5056.5	-31880.3
74	1	45668.8	-7550.7	-4813.4	0.0	4581.3	-25560.5
	101	-41744.8	7550.7	4813.4	0.0	4407.1	-16609.3
75	1	45652.0	-11849.6	481.1	0.0	3096.4	-24722.8
	101	-41728.0	11849.6	-481.1	0.0	5957.6	30331.9
76	1	45649.4	-6809.5	437.8	0.0	3594.1	-17980.0
	101	-41725.4	6809.5	-437.8	0.0	5308.2	45603.0
77	1	45564.6	-13622.0	-4069.7	0.0	16874.8	-26990.1
	101	-41640.6	13622.0	4069.7	0.0	-6370.7	24859.4
78	1	45562.0	-8581.9	-4113.0	0.0	17372.4	-20247.4
	101	-41638.0	8581.9	4113.0	0.0	-7020.1	40130.4
79	1	45771.8	8581.9	15.8	0.0	-11553.1	20247.4
	101	-41847.8	-8581.9	-15.8	0.0	19064.6	-40130.4
80	1	45769.2	13622.0	-27.5	0.0	-11055.5	26990.1
	101	-41845.2	-13622.0	27.5	0.0	18415.2	-24859.4
81	1	45684.4	6809.5	-4535.0	0.0	2225.2	17980.0
	101	-41760.4	-6809.5	4535.0	0.0	6736.3	-45603.0
82	1	45681.8	11849.6	-4578.3	0.0	2722.8	24722.8
	101	-41757.8	-11849.6	4578.3	0.0	6086.9	-30332.0
83	1	45665.0	7550.7	716.2	0.0	1238.0	25560.5
	101	-41741.0	-7550.7	-716.2	0.0	7637.4	16609.3
84	1	45662.4	12590.8	672.9	0.0	1735.6	32303.3
	101	-41738.4	-12590.8	-672.9	0.0	6988.0	31880.3
85	1	45577.6	5778.4	-3834.6	0.0	15016.3	23293.2
	101	-41653.6	-5778.4	3834.6	0.0	-4690.9	11136.7
86	1	45575.0	10818.5	-3877.9	0.0	15514.0	30035.9
	101	-41651.0	-10818.5	3877.9	0.0	-5340.3	26407.7
1	101	22789.5	-12.0	-1593.3	3.5	6755.5	-50.9
	201	-17828.7	12.0	1593.3	-3.5	0.0	0.0
2	101	22789.5	234.7	-2154.2	-67.8	9133.8	995.1
	201	-17828.7	-234.7	2154.2	67.8	0.0	0.0
3	101	22789.5	-1029.5	-1783.7	51.6	7562.9	-4365.3
	201	-17828.7	1029.5	1783.7	-51.6	0.0	0.0
4	101	22789.5	1174.1	-1673.3	-93.3	7094.9	4978.1
	201	-17828.7	-1174.1	1673.3	93.3	0.0	0.0
5	101	21484.0	-20.0	-1400.0	5.8	5936.1	-84.9
	201	-16523.2	20.0	1400.0	-5.8	0.0	0.0
6	101	21484.0	391.2	-2334.9	-113.0	9899.8	1658.6
	201	-16523.2	-391.2	2334.9	113.0	0.0	0.0
7	101	21484.0	-1715.9	-1717.4	85.9	7281.7	-7275.5
	201	-16523.2	1715.9	1717.4	-85.9	0.0	0.0
8	101	21484.0	1956.8	-1533.4	-155.5	6501.7	8296.8
	201	-16523.2	-1956.8	1533.4	155.5	0.0	0.0
9	101	15285.7	3035.4	5200.0	-1773.2	-22048.1	12870.0
	201	-11469.7	-3035.4	-5200.0	1773.2	0.0	0.0
10	101	15285.8	1790.7	4224.9	-906.6	-17913.7	7592.5
	201	-11469.8	-1790.7	-4224.9	906.6	0.0	0.0
11	101	15285.7	7808.9	5344.7	-1928.9	-22661.5	33109.7
	201	-11469.7	-7808.9	-5344.7	1928.9	0.0	0.0
12	101	15285.8	6564.2	4369.6	-1062.3	-18527.1	27832.2
	201	-11469.8	-6564.2	-4369.6	1062.3	0.0	0.0
13	101	15285.7	-11923.3	4561.0	2602.4	-19338.7	-50554.8
	201	-11469.7	11923.3	-4561.0	-2602.4	0.0	0.0
14	101	15285.8	-13168.0	3585.9	3469.0	-15204.3	-55832.3
	201	-11469.8	13168.0	-3585.9	-3469.0	0.0	0.0

15	101	15285.7	-7149.8	4705.7	2446.6	-19952.1	-30315.1
	201	-11469.7	7149.8	-4705.7	-2446.6	0.0	0.0
16	101	15285.8	-8394.5	3730.6	3313.2	-15817.7	-35592.6
	201	-11469.8	8394.5	-3730.6	-3313.2	0.0	0.0
17	101	15284.7	8394.5	-5968.3	-3313.2	25305.8	35592.6
	201	-11468.7	-8394.5	5968.3	3313.2	0.0	0.0
18	101	15284.7	7149.8	-6943.4	-2446.6	29440.2	30315.1
	201	-11468.7	-7149.8	6943.4	2446.6	0.0	0.0
19	101	15284.7	13168.0	-5823.7	-3469.0	24692.4	55832.3
	201	-11468.7	-13168.0	5823.7	3469.0	0.0	0.0
20	101	15284.7	11923.3	-6798.8	-2602.4	28826.8	50554.8
	201	-11468.7	-11923.3	6798.8	2602.4	0.0	0.0
21	101	15284.7	-6564.2	-6607.4	1062.3	28015.2	-27832.2
	201	-11468.7	6564.2	6607.4	-1062.3	0.0	0.0
22	101	15284.7	-7808.9	-7582.5	1928.9	32149.6	-33109.7
	201	-11468.7	7808.9	7582.5	-1928.9	0.0	0.0
23	101	15284.7	-1790.7	-6462.7	906.6	27401.8	-7592.5
	201	-11468.7	1790.7	6462.7	-906.6	0.0	0.0
24	101	15284.7	-3035.4	-7437.8	1773.2	31536.2	-12870.0
	201	-11468.7	3035.4	7437.8	-1773.2	0.0	0.0
25	101	15285.3	-4441.4	2036.3	-1610.1	-8633.8	-18831.7
	201	-11469.3	4441.4	-2036.3	1610.1	0.0	0.0
26	101	15285.3	-8929.0	1844.6	-297.5	-7821.0	-37859.1
	201	-11469.3	8929.0	-1844.6	297.5	0.0	0.0
27	101	15285.0	-2833.7	-1314.2	-2072.1	5572.3	-12014.9
	201	-11469.0	2833.7	1314.2	2072.1	0.0	0.0
28	101	15285.0	-7321.3	-1505.9	-759.5	6385.1	-31042.3
	201	-11469.0	7321.3	1505.9	759.5	0.0	0.0
29	101	15285.5	-8590.4	-1214.1	1278.6	5147.6	-36423.3
	201	-11469.5	8590.4	1214.1	-1278.6	0.0	0.0
30	101	15285.5	-13078.0	-1405.8	2591.2	5960.4	-55450.7
	201	-11469.5	13078.0	1405.8	-2591.2	0.0	0.0
31	101	15285.2	-6982.7	-4564.6	816.5	19353.8	-29606.5
	201	-11469.2	6982.7	4564.6	-816.5	0.0	0.0
32	101	15285.2	-11470.3	-4756.3	2129.2	20166.6	-48634.0
	201	-11469.2	11470.3	4756.3	-2129.2	0.0	0.0
33	101	15285.3	11470.3	2518.5	-2129.2	-10678.5	48634.0
	201	-11469.3	-11470.3	-2518.5	2129.2	0.0	0.0
34	101	15285.3	6982.7	2326.8	-816.5	-9865.6	29606.5
	201	-11469.3	-6982.7	-2326.8	816.5	0.0	0.0
35	101	15285.0	13078.0	-832.0	-2591.2	3527.7	55450.7
	201	-11469.0	-13078.0	832.0	2591.2	0.0	0.0
36	101	15285.0	8590.4	-1023.7	-1278.6	4340.5	36423.3
	201	-11469.0	-8590.4	1023.7	1278.6	0.0	0.0
37	101	15285.5	7321.3	-731.8	759.5	3103.0	31042.3
	201	-11469.5	-7321.3	731.8	-759.5	0.0	0.0
38	101	15285.5	2833.7	-923.5	2072.1	3915.8	12014.9
	201	-11469.5	-2833.7	923.5	-2072.1	0.0	0.0
39	101	15285.2	8929.0	-4082.3	297.5	17309.2	37859.1
	201	-11469.2	-8929.0	4082.3	-297.5	0.0	0.0
40	101	15285.1	4441.4	-4274.1	1610.1	18122.0	18831.7
	201	-11469.1	-4441.4	4274.1	-1610.1	0.0	0.0
41	101	17026.6	-8.0	-1162.0	2.3	4927.0	-33.9
	201	-13210.6	8.0	1162.0	-2.3	0.0	0.0
42	101	17026.6	156.5	-1536.0	-45.2	6512.5	663.4
	201	-13210.6	-156.5	1536.0	45.2	0.0	0.0
43	101	17026.6	-686.4	-1289.0	34.4	5465.3	-2910.2
	201	-13210.6	686.4	1289.0	-34.4	0.0	0.0
44	101	17026.6	782.7	-1215.4	-62.2	5153.3	3318.7
	201	-13210.6	-782.7	1215.4	62.2	0.0	0.0
45	101	16156.3	-13.3	-1033.2	3.9	4380.7	-56.6
	201	-12340.3	13.3	1033.2	-3.9	0.0	0.0
46	101	16156.3	260.8	-1656.4	-75.3	7023.2	1105.7
	201	-12340.3	-260.8	1656.4	75.3	0.0	0.0
47	101	16156.3	-1143.9	-1244.8	57.3	5277.8	-4850.3

	201	-12340.3	1143.9	1244.8	-57.3	0.0	0.0
48	101	16156.3	1304.5	-1122.1	-103.7	4757.8	5531.2
	201	-12340.3	-1304.5	1122.1	103.7	0.0	0.0
49	101	15634.0	0.0	-1160.0	-0.0	4918.4	0.0
	201	-11818.0	-0.0	1160.0	0.0	0.0	0.0
50	101	15285.2	-2.7	-1085.3	0.8	4601.7	-11.3
	201	-11469.2	2.7	1085.3	-0.8	0.0	0.0
51	101	15285.2	52.2	-1209.9	-15.1	5130.1	221.1
	201	-11469.2	-52.2	1209.9	15.1	0.0	0.0
52	101	15285.2	-228.8	-1127.6	11.5	4781.1	-970.1
	201	-11469.2	228.8	1127.6	-11.5	0.0	0.0
53	101	15285.2	260.9	-1103.1	-20.7	4677.1	1106.2
	201	-11469.2	-260.9	1103.1	20.7	0.0	0.0
54	101	15285.2	0.0	-1118.9	-0.0	4744.1	0.0
	201	-11469.2	-0.0	1118.9	0.0	0.0	0.0
55	101	15285.7	5489.7	4325.2	-1463.2	-18338.8	23276.5
	201	-11469.7	-5489.7	-4325.2	1463.2	0.0	0.0
56	101	15285.7	1435.7	3519.7	-748.2	-14923.6	6087.6
	201	-11469.7	-1435.7	-3519.7	748.2	0.0	0.0
57	101	15285.7	6486.4	4443.6	-1591.7	-18840.9	27502.3
	201	-11469.7	-6486.4	-4443.6	1591.7	0.0	0.0
58	101	15285.7	2432.4	3638.1	-876.7	-15425.6	10313.4
	201	-11469.7	-2432.4	-3638.1	876.7	0.0	0.0
59	101	15285.7	-6853.7	3816.7	2147.3	-16182.9	-29059.5
	201	-11469.7	6853.7	-3816.7	-2147.3	0.0	0.0
60	101	15285.7	-10907.6	3011.3	2862.3	-12767.7	-46248.4
	201	-11469.7	10907.6	-3011.3	-2862.3	0.0	0.0
61	101	15285.7	-5857.0	3935.1	2018.8	-16685.0	-24833.7
	201	-11469.7	5857.0	-3935.1	-2018.8	0.0	0.0
62	101	15285.7	-9911.0	3129.7	2733.8	-13269.8	-42022.6
	201	-11469.7	9911.0	-3129.7	-2733.8	0.0	0.0
63	101	15284.7	9911.0	-5367.4	-2733.8	22757.9	42022.6
	201	-11468.8	-9911.0	5367.4	2733.8	0.0	0.0
64	101	15284.8	5857.0	-6172.9	-2018.8	26173.1	24833.7
	201	-11468.8	-5857.0	6172.9	2018.8	0.0	0.0
65	101	15284.7	10907.6	-5249.0	-2862.3	22255.8	46248.4
	201	-11468.7	-10907.6	5249.0	2862.3	0.0	0.0
66	101	15284.8	6853.7	-6054.5	-2147.3	25671.1	29059.5
	201	-11468.8	-6853.7	6054.5	2147.3	0.0	0.0
67	101	15284.7	-2432.4	-5875.9	876.7	24913.8	-10313.3
	201	-11468.7	2432.4	5875.9	-876.7	0.0	0.0
68	101	15284.8	-6486.4	-6681.4	1591.7	28329.0	-27502.2
	201	-11468.8	6486.4	6681.4	-1591.7	0.0	0.0
69	101	15284.7	-1435.7	-5757.5	748.2	24411.7	-6087.6
	201	-11468.7	1435.7	5757.5	-748.2	0.0	0.0
70	101	15284.8	-5489.7	-6563.0	1463.2	27826.9	-23276.5
	201	-11468.8	5489.7	6563.0	-1463.2	0.0	0.0
71	101	15285.3	6283.9	1556.4	-1328.5	-6599.1	26643.7
	201	-11469.3	-6283.9	-1556.4	1328.5	0.0	0.0
72	101	15285.3	2580.9	1403.9	-245.4	-5952.4	10942.9
	201	-11469.3	-2580.9	-1403.9	245.4	0.0	0.0
73	101	15285.0	7610.3	-1351.4	-1709.7	5729.9	32267.5
	201	-11469.0	-7610.3	1351.4	1709.7	0.0	0.0
74	101	15285.0	3907.2	-1503.9	-626.6	6376.7	16566.7
	201	-11469.0	-3907.2	1503.9	626.6	0.0	0.0
75	101	15285.4	-7229.4	-1128.5	1054.8	4785.0	-30652.7
	201	-11469.4	7229.4	1128.5	-1054.8	0.0	0.0
76	101	15285.4	-10932.4	-1281.1	2138.0	5431.7	-46353.5
	201	-11469.4	10932.4	1281.1	-2138.0	0.0	0.0
77	101	15285.2	-5903.0	-4036.3	673.6	17114.0	-25028.8
	201	-11469.2	5903.0	4036.3	-673.6	0.0	0.0
78	101	15285.2	-9606.0	-4188.9	1756.8	17760.7	-40729.6
	201	-11469.2	9606.0	4188.9	-1756.8	0.0	0.0
79	101	15285.3	9606.0	1951.1	-1756.8	-8272.6	40729.6
	201	-11469.3	-9606.0	-1951.1	1756.8	0.0	0.0

80	101	15285.3	5903.0	1798.5	-673.6	-7625.8	25028.8
	201	-11469.3	-5903.0	-1798.5	673.6	0.0	0.0
81	101	15285.0	10932.4	-956.7	-2138.0	4056.4	46353.5
	201	-11469.0	-10932.4	956.7	2138.0	0.0	0.0
82	101	15285.0	7229.4	-1109.2	-1054.8	4703.2	30652.7
	201	-11469.0	-7229.4	1109.2	1054.8	0.0	0.0
83	101	15285.4	-3907.2	-733.8	626.6	3111.5	-16566.7
	201	-11469.4	3907.2	733.8	-626.6	0.0	0.0
84	101	15285.4	-7610.3	-886.4	1709.7	3758.2	-32267.5
	201	-11469.4	7610.3	886.4	-1709.7	0.0	0.0
85	101	15285.2	-2580.9	-3641.6	245.4	15440.5	-10942.9
	201	-11469.2	2580.9	3641.6	-245.4	0.0	0.0
86	101	15285.1	-6283.9	-3794.2	1328.5	16087.2	-26643.6
	201	-11469.1	6283.9	3794.2	-1328.5	0.0	0.0
1	2	152616.3	9.9	-33.4	0.0	-495.1	12.4
	102	-147515.1	-9.9	33.4	0.0	640.8	31.0
2	2	152616.3	-194.4	90.6	0.0	1342.3	-242.2
	102	-147515.1	194.4	-90.6	0.0	-1737.4	-605.4
3	2	152616.3	336.0	8.7	0.0	128.7	-2603.8
	102	-147515.1	-336.0	-8.7	0.0	-166.6	4069.0
4	2	152616.3	-455.8	-15.7	0.0	-232.9	2454.7
	102	-147515.1	455.8	15.7	0.0	301.4	-4441.8
5	2	142082.8	16.6	-55.7	0.0	-825.2	20.7
	102	-136981.6	-16.6	55.7	0.0	1068.1	51.6
6	2	142082.8	-324.0	151.0	0.0	2237.1	-403.7
	102	-136981.6	324.0	-151.0	0.0	-2895.7	-1009.0
7	2	142082.8	560.1	14.5	0.0	214.5	-4339.7
	102	-136981.6	-560.1	-14.5	0.0	-277.6	6781.6
8	2	142082.8	-759.6	-26.2	0.0	-388.2	4091.1
	102	-136981.6	759.6	26.2	0.0	502.4	-7402.9
9	2	96262.8	-6844.1	8311.8	0.0	-29453.3	-14638.3
	102	-92338.8	6844.1	-8311.8	0.0	26818.8	-5008.4
10	2	96262.8	-7006.6	8551.5	0.0	-24812.5	-13268.5
	102	-92338.8	7006.6	-8551.5	0.0	22659.9	-1803.8
11	2	96262.8	-1035.5	8385.6	0.0	-30134.2	2459.1
	102	-92338.8	1035.5	-8385.6	0.0	27435.7	-22626.4
12	2	96262.8	-1198.0	8625.3	0.0	-25493.4	3828.9
	102	-92338.8	1198.0	-8625.3	0.0	23276.8	-19421.8
13	2	96262.8	5555.5	8155.6	0.0	-27414.5	1377.2
	102	-92338.8	-5555.5	-8155.6	0.0	24092.6	33301.2
14	2	96262.8	5393.0	8395.3	0.0	-22773.6	2747.0
	102	-92338.8	-5393.0	-8395.3	0.0	19933.7	36505.8
15	2	96262.7	11364.0	8229.3	0.0	-28095.4	18474.6
	102	-92338.7	-11364.0	-8229.3	0.0	24709.5	15683.2
16	2	96262.8	11201.6	8469.0	0.0	-23454.6	19844.3
	102	-92338.8	-11201.6	-8469.0	0.0	20550.5	18887.8
17	2	96261.8	-11201.6	-8469.0	0.0	23454.6	-19844.4
	102	-92337.8	11201.6	8469.0	0.0	-20550.5	-18887.8
18	2	96261.8	-11364.0	-8229.3	0.0	28095.4	-18474.6
	102	-92337.8	11364.0	8229.3	0.0	-24709.5	-15683.2
19	2	96261.7	-5393.0	-8395.3	0.0	22773.6	-2747.0
	102	-92337.7	5393.0	8395.3	0.0	-19933.7	-36505.8
20	2	96261.7	-5555.5	-8155.6	0.0	27414.5	-1377.2
	102	-92337.7	5555.5	8155.6	0.0	-24092.6	-33301.2
21	2	96261.7	1198.0	-8625.3	0.0	25493.4	-3828.9
	102	-92337.7	-1198.0	8625.3	0.0	-23276.8	19421.7
22	2	96261.7	1035.5	-8385.6	0.0	30134.2	-2459.1
	102	-92337.7	-1035.5	8385.6	0.0	-27435.7	22626.4
23	2	96261.7	7006.6	-8551.5	0.0	24812.5	13268.5
	102	-92337.7	-7006.6	8551.5	0.0	-22659.9	1803.8
24	2	96261.7	6844.1	-8311.8	0.0	29453.3	14638.3
	102	-92337.7	-6844.1	8311.8	0.0	-26818.8	5008.4
25	2	96262.5	-10616.6	2018.1	0.0	-14841.9	-32399.9
	102	-92338.5	10616.6	-2018.1	0.0	13417.8	20357.7

26	2	96262.5	-6896.7	1971.2	0.0	-14230.2	-27595.3
	102	-92338.5	6896.7	-1971.2	0.0	12599.9	31850.6
27	2	96262.2	-11923.8	-3016.1	0.0	1030.5	-33961.8
	102	-92338.2	11923.8	3016.1	0.0	-793.0	16193.9
28	2	96262.2	-8204.0	-3063.0	0.0	1642.1	-29157.1
	102	-92338.2	8204.0	3063.0	0.0	-1610.9	27686.8
29	2	96262.5	-11158.0	2817.1	0.0	627.6	-27834.1
	102	-92338.5	11158.0	-2817.1	0.0	-445.4	31039.8
30	2	96262.5	-7438.1	2770.3	0.0	1239.3	-23029.5
	102	-92338.5	7438.1	-2770.3	0.0	-1263.2	42532.7
31	2	96262.2	-12465.3	-2217.1	0.0	16500.0	-29395.9
	102	-92338.2	12465.3	2217.1	0.0	-14656.2	26876.0
32	2	96262.2	-8745.4	-2264.0	0.0	17111.6	-24591.3
	102	-92338.2	8745.4	2264.0	0.0	-15474.1	38368.9
33	2	96262.3	8745.4	2264.0	0.0	-17111.6	24591.3
	102	-92338.3	-8745.4	-2264.0	0.0	15474.0	-38368.9
34	2	96262.3	12465.3	2217.1	0.0	-16500.0	29395.9
	102	-92338.3	-12465.3	-2217.1	0.0	14656.2	-26876.0
35	2	96262.0	7438.1	-2770.3	0.0	-1239.3	23029.5
	102	-92338.0	-7438.1	2770.3	0.0	1263.2	-42532.7
36	2	96262.0	11158.0	-2817.1	0.0	-627.6	27834.1
	102	-92338.0	-11158.0	2817.1	0.0	445.4	-31039.8
37	2	96262.3	8204.0	3063.0	0.0	-1642.1	29157.1
	102	-92338.3	-8204.0	-3063.0	0.0	1610.9	-27686.8
38	2	96262.3	11923.8	3016.1	0.0	-1030.5	33961.8
	102	-92338.3	-11923.8	-3016.1	0.0	793.0	-16193.9
39	2	96262.0	6896.7	-1971.2	0.0	14230.2	27595.3
	102	-92338.0	-6896.7	1971.2	0.0	-12599.9	-31850.6
40	2	96262.0	10616.6	-2018.1	0.0	14841.9	32399.9
	102	-92338.0	-10616.6	2018.1	0.0	-13417.8	-20357.7
41	2	111282.4	6.6	-22.3	0.0	-330.1	8.3
	102	-107358.4	-6.6	22.3	0.0	427.2	20.7
42	2	111282.4	-129.6	60.4	0.0	894.8	-161.5
	102	-107358.4	129.6	-60.4	0.0	-1158.3	-403.6
43	2	111282.4	224.0	5.8	0.0	85.8	-1735.9
	102	-107358.4	-224.0	-5.8	0.0	-111.0	2712.6
44	2	111282.4	-303.8	-10.5	0.0	-155.3	1636.4
	102	-107358.4	303.8	10.5	0.0	201.0	-2961.2
45	2	104260.0	11.1	-37.1	0.0	-550.1	13.8
	102	-100336.0	-11.1	37.1	0.0	712.0	34.4
46	2	104260.0	-216.0	100.7	0.0	1491.4	-269.1
	102	-100336.0	216.0	-100.7	0.0	-1930.4	-672.7
47	2	104260.0	373.4	9.7	0.0	143.0	-2893.1
	102	-100336.0	-373.4	-9.7	0.0	-185.1	4521.1
48	2	104260.0	-506.4	-17.5	0.0	-258.8	2727.4
	102	-100336.0	506.4	17.5	0.0	334.9	-4935.3
49	2	99851.5	-0.0	-0.0	0.0	-0.0	-0.0
	102	-95927.5	0.0	0.0	0.0	0.0	-0.0
50	2	96262.3	2.2	-7.4	0.0	-110.0	2.8
	102	-92338.3	-2.2	7.4	0.0	142.4	6.9
51	2	96262.3	-43.2	20.1	0.0	298.3	-53.8
	102	-92338.3	43.2	-20.1	0.0	-386.1	-134.5
52	2	96262.3	74.7	1.9	0.0	28.6	-578.6
	102	-92338.3	-74.7	-1.9	0.0	-37.0	904.2
53	2	96262.3	-101.3	-3.5	0.0	-51.8	545.5
	102	-92338.3	101.3	3.5	0.0	67.0	-987.1
54	2	96262.3	-0.0	-0.0	0.0	-0.0	-0.0
	102	-92338.3	0.0	0.0	0.0	0.0	-0.0
55	2	96262.8	-5840.5	7508.9	0.0	-25414.9	-12404.9
	102	-92338.8	5840.5	-7508.9	0.0	23096.6	-16344.3
56	2	96262.8	-5964.4	7717.4	0.0	-21581.1	-11329.3
	102	-92338.8	5964.4	-7717.4	0.0	19661.2	-1270.8
57	2	96262.7	-673.8	7580.2	0.0	-25971.9	2402.5
	102	-92338.7	673.8	-7580.2	0.0	23601.6	-18891.8
58	2	96262.7	-797.6	7788.6	0.0	-22138.2	3478.0

	102	-92338.7	797.6	-7788.6	0.0	20166.2	-3818.3
59	2	96262.7	4392.4	7364.5	0.0	-23757.2	816.3
	102	-92338.7	-4392.4	-7364.5	0.0	20927.0	15268.6
60	2	96262.8	4268.5	7573.0	0.0	-19923.5	1891.8
	102	-92338.8	-4268.5	-7573.0	0.0	17491.6	30342.1
61	2	96262.7	9559.1	7435.8	0.0	-24314.3	15623.6
	102	-92338.7	-9559.1	-7435.8	0.0	21432.0	12721.1
62	2	96262.7	9435.3	7644.2	0.0	-20480.6	16699.1
	102	-92338.7	-9435.3	-7644.2	0.0	17996.6	27794.6
63	2	96261.8	-9435.3	-7644.2	0.0	20480.6	-16699.2
	102	-92337.8	9435.3	7644.2	0.0	-17996.6	-27794.6
64	2	96261.8	-9559.1	-7435.8	0.0	24314.3	-15623.6
	102	-92337.8	9559.1	7435.8	0.0	-21432.0	-12721.1
65	2	96261.8	-4268.5	-7573.0	0.0	19923.5	-1891.8
	102	-92337.8	4268.5	7573.0	0.0	-17491.6	-30342.1
66	2	96261.8	-4392.4	-7364.5	0.0	23757.2	-816.3
	102	-92337.8	4392.4	7364.5	0.0	-20927.0	-15268.6
67	2	96261.8	797.6	-7788.6	0.0	22138.2	-3478.0
	102	-92337.8	-797.6	7788.6	0.0	-20166.2	3818.3
68	2	96261.8	673.8	-7580.2	0.0	25971.9	-2402.5
	102	-92337.8	-673.8	7580.2	0.0	-23601.6	18891.8
69	2	96261.7	5964.4	-7717.4	0.0	21581.1	11329.3
	102	-92337.7	-5964.4	7717.4	0.0	-19661.2	1270.8
70	2	96261.7	5840.5	-7508.9	0.0	25414.9	12404.9
	102	-92337.7	-5840.5	7508.9	0.0	-23096.6	16344.3
71	2	96262.5	-9400.5	1828.4	0.0	-12594.0	-27810.5
	102	-92338.5	9400.5	-1828.4	0.0	11373.4	-23901.1
72	2	96262.5	-6330.6	1785.1	0.0	-12096.7	-23844.1
	102	-92338.5	6330.6	-1785.1	0.0	10722.5	-14417.2
73	2	96262.2	-10478.9	-2717.5	0.0	1174.6	-29098.8
	102	-92338.2	10478.9	2717.5	0.0	-954.5	-27336.1
74	2	96262.2	-7409.1	-2760.8	0.0	1671.9	-25132.4
	102	-92338.2	7409.1	2760.8	0.0	-1605.4	-17852.3
75	2	96262.5	-9813.4	2523.3	0.0	185.1	-24225.4
	102	-92338.5	9813.4	-2523.3	0.0	-77.9	26343.9
76	2	96262.5	-6743.6	2480.0	0.0	682.4	-20259.0
	102	-92338.5	6743.6	-2480.0	0.0	-728.8	35827.8
77	2	96262.2	-10891.9	-2022.6	0.0	13953.7	-25513.7
	102	-92338.2	10891.9	2022.6	0.0	-12405.8	22908.8
78	2	96262.2	-7822.0	-2065.9	0.0	14451.0	-21547.3
	102	-92338.2	7822.0	2065.9	0.0	-13056.7	32392.7
79	2	96262.3	7822.0	2065.9	0.0	-14451.0	21547.3
	102	-92338.3	-7822.0	-2065.9	0.0	13056.7	-32392.7
80	2	96262.3	10891.9	2022.6	0.0	-13953.7	25513.7
	102	-92338.3	-10891.9	-2022.6	0.0	12405.8	-22908.8
81	2	96262.0	6743.6	-2480.0	0.0	-682.4	20259.0
	102	-92338.0	-6743.6	2480.0	0.0	728.8	-35827.8
82	2	96262.0	9813.4	-2523.3	0.0	-185.1	24225.4
	102	-92338.0	-9813.4	2523.3	0.0	77.9	-26343.9
83	2	96262.3	7409.1	2760.8	0.0	-1671.9	25132.4
	102	-92338.3	-7409.1	-2760.8	0.0	1605.4	17852.3
84	2	96262.3	10478.9	2717.5	0.0	-1174.6	29098.8
	102	-92338.3	-10478.9	-2717.5	0.0	954.5	27336.1
85	2	96262.0	6330.6	-1785.1	0.0	12096.7	23844.1
	102	-92338.0	-6330.6	1785.1	0.0	-10722.5	14417.2
86	2	96262.0	9400.5	-1828.4	0.0	12594.0	27810.5
	102	-92338.0	-9400.5	1828.4	0.0	-11373.4	23901.1
1	102	64960.7	-7.3	151.1	3.5	-640.8	-31.0
	202	-59999.9	7.3	-151.1	-3.5	0.0	0.0
2	102	64960.7	143.0	-409.8	-67.8	1737.4	606.4
	202	-59999.9	-143.0	409.8	67.8	0.0	0.0
3	102	64960.7	-959.8	-39.3	51.6	166.6	-4069.8
	202	-59999.9	959.8	39.3	-51.6	0.0	0.0
4	102	64960.7	1047.9	71.1	-93.3	-301.4	4443.2

	202	-59999.9	-1047.9	-71.1	93.3	0.0	0.0
5	102	58820.1	-12.2	251.9	5.8	-1068.1	-51.7
	202	-53859.3	12.2	-251.9	-5.8	0.0	0.0
6	102	58820.1	238.4	-682.9	-113.0	2895.7	1010.7
	202	-53859.3	-238.4	682.9	113.0	0.0	0.0
7	102	58820.1	-1599.7	-65.5	85.9	277.6	-6782.9
	202	-53859.3	1599.7	65.5	-85.9	0.0	0.0
8	102	58820.1	1746.5	118.5	-155.5	-502.4	7405.3
	202	-53859.3	-1746.5	-118.5	155.5	0.0	0.0
9	102	39423.5	1186.3	6317.2	-1773.2	-26784.7	5030.0
	202	-35607.5	-1186.3	-6317.2	1773.2	0.0	0.0
10	102	39423.5	429.1	5343.7	-906.6	-22657.2	1819.5
	202	-35607.5	-429.1	-5343.7	906.6	0.0	0.0
11	102	39423.4	5342.9	6461.6	-1928.9	-27397.1	22653.8
	202	-35607.4	-5342.9	-6461.6	1928.9	0.0	0.0
12	102	39423.4	4585.7	5488.1	-1062.3	-23269.6	19443.3
	202	-35607.4	-4585.7	-5488.1	1062.3	0.0	0.0
13	102	39423.4	-7864.7	5679.3	2602.4	-24080.1	-33346.1
	202	-35607.4	7864.7	-5679.3	-2602.4	0.0	0.0
14	102	39423.4	-8621.8	4705.8	3469.0	-19952.6	-36556.6
	202	-35607.4	8621.8	-4705.8	-3469.0	0.0	0.0
15	102	39423.4	-3708.1	5823.7	2446.6	-24692.5	-15722.4
	202	-35607.4	3708.1	-5823.7	-2446.6	0.0	0.0
16	102	39423.4	-4465.3	4850.2	3313.2	-20565.0	-18932.8
	202	-35607.4	4465.3	-4850.2	-3313.2	0.0	0.0
17	102	39422.4	4465.3	-4850.2	-3313.2	20565.0	18932.8
	202	-35606.4	-4465.3	4850.2	3313.2	0.0	0.0
18	102	39422.4	3708.1	-5823.7	-2446.6	24692.5	15722.3
	202	-35606.4	-3708.1	5823.7	2446.6	0.0	0.0
19	102	39422.3	8621.8	-4705.8	-3469.0	19952.6	36556.6
	202	-35606.3	-8621.8	4705.8	3469.0	0.0	0.0
20	102	39422.3	7864.7	-5679.3	-2602.4	24080.1	33346.1
	202	-35606.3	-7864.7	5679.3	2602.4	0.0	0.0
21	102	39422.4	-4585.7	-5488.1	1062.3	23269.6	-19443.3
	202	-35606.4	4585.7	5488.1	-1062.3	0.0	0.0
22	102	39422.4	-5342.9	-6461.6	1928.9	27397.1	-22653.8
	202	-35606.4	5342.9	6461.6	-1928.9	0.0	0.0
23	102	39422.3	-429.1	-5343.7	906.6	22657.2	-1819.5
	202	-35606.3	429.1	5343.7	-906.6	0.0	0.0
24	102	39422.3	-1186.3	-6317.2	1773.2	26784.7	-5030.0
	202	-35606.3	1186.3	6317.2	-1773.2	0.0	0.0
25	102	39423.2	-4799.8	3152.5	-1610.1	-13366.7	-20351.2
	202	-35607.2	4799.8	-3152.5	1610.1	0.0	0.0
26	102	39423.1	-7515.1	2961.1	-297.5	-12555.3	-31864.0
	202	-35607.1	7515.1	-2961.1	297.5	0.0	0.0
27	102	39422.8	-3816.1	-197.7	-2072.1	838.2	-16180.3
	202	-35606.8	3816.1	197.7	2072.1	0.0	0.0
28	102	39422.8	-6531.4	-389.1	-759.5	1649.6	-27693.2
	202	-35606.8	6531.4	389.1	759.5	0.0	0.0
29	102	39423.2	-7323.8	-92.4	1278.6	391.7	-31052.8
	202	-35607.2	7323.8	92.4	-1278.6	0.0	0.0
30	102	39423.2	-10039.1	-283.7	2591.2	1203.1	-42565.6
	202	-35607.2	10039.1	283.7	-2591.2	0.0	0.0
31	102	39422.9	-6340.1	-3442.6	816.5	14596.6	-26881.9
	202	-35606.9	6340.1	3442.6	-816.5	0.0	0.0
32	102	39422.9	-9055.4	-3634.0	2129.2	15408.0	-38394.8
	202	-35606.9	9055.4	3634.0	-2129.2	0.0	0.0
33	102	39422.9	9055.4	3634.0	-2129.2	-15408.0	38394.8
	202	-35606.9	-9055.4	-3634.0	2129.2	0.0	0.0
34	102	39422.9	6340.1	3442.6	-816.5	-14596.6	26881.9
	202	-35606.9	-6340.1	-3442.6	816.5	0.0	0.0
35	102	39422.6	10039.1	283.7	-2591.2	-1203.1	42565.6
	202	-35606.6	-10039.1	-283.7	2591.2	0.0	0.0
36	102	39422.6	7323.8	92.4	-1278.6	-391.7	31052.8
	202	-35606.6	-7323.8	-92.4	1278.6	0.0	0.0

37	102	39422.9	6531.4	389.1	759.5	-1649.6	27693.2
	202	-35606.9	-6531.4	-389.1	-759.5	0.0	0.0
38	102	39422.9	3816.1	197.7	2072.1	-838.2	16180.3
	202	-35606.9	-3816.1	-197.7	-2072.1	0.0	0.0
39	102	39422.6	7515.1	-2961.1	297.5	12555.3	31864.0
	202	-35606.6	-7515.1	2961.1	-297.5	0.0	0.0
40	102	39422.6	4799.8	-3152.5	1610.1	13366.7	20351.2
	202	-35606.6	-4799.8	3152.5	-1610.1	0.0	0.0
41	102	47609.7	-4.9	100.8	2.3	-427.2	-20.7
	202	-43793.7	4.9	-100.8	-2.3	0.0	0.0
42	102	47609.7	95.4	-273.2	-45.2	1158.3	404.3
	202	-43793.7	-95.4	273.2	45.2	0.0	0.0
43	102	47609.7	-639.9	-26.2	34.4	111.0	-2713.2
	202	-43793.7	639.9	26.2	-34.4	0.0	0.0
44	102	47609.7	698.6	47.4	-62.2	-201.0	2962.1
	202	-43793.7	-698.6	-47.4	62.2	0.0	0.0
45	102	43515.9	-8.1	167.9	3.9	-712.0	-34.5
	202	-39699.9	8.1	-167.9	-3.9	0.0	0.0
46	102	43515.9	158.9	-455.3	-75.3	1930.4	673.8
	202	-39699.9	-158.9	455.3	75.3	0.0	0.0
47	102	43515.9	-1066.5	-43.6	57.3	185.1	-4521.9
	202	-39699.9	1066.5	43.6	-57.3	0.0	0.0
48	102	43515.9	1164.4	79.0	-103.7	-334.9	4936.9
	202	-39699.9	-1164.4	-79.0	103.7	0.0	0.0
49	102	41059.8	0.0	-0.0	-0.0	0.0	0.0
	202	-37243.8	-0.0	0.0	0.0	0.0	0.0
50	102	39422.9	-1.6	33.6	0.8	-142.4	-6.9
	202	-35606.9	1.6	-33.6	-0.8	0.0	0.0
51	102	39422.9	31.8	-91.1	-15.1	386.1	134.8
	202	-35606.9	-31.8	91.1	15.1	0.0	0.0
52	102	39422.9	-213.3	-8.7	11.5	37.0	-904.4
	202	-35606.9	213.3	8.7	-11.5	0.0	0.0
53	102	39422.9	232.9	15.8	-20.7	-67.0	987.4
	202	-35606.9	-232.9	-15.8	20.7	0.0	0.0
54	102	39422.9	0.0	-0.0	-0.0	0.0	0.0
	202	-35606.9	-0.0	0.0	0.0	0.0	0.0
55	102	39423.4	3859.0	5443.2	-1463.2	-23079.1	16362.1
	202	-35607.4	-3859.0	-5443.2	1463.2	0.0	0.0
56	102	39423.4	302.8	4639.0	-748.2	-19669.5	1283.9
	202	-35607.4	-302.8	-4639.0	748.2	0.0	0.0
57	102	39423.3	4460.9	5561.4	-1591.7	-23580.3	18914.3
	202	-35607.3	-4460.9	-5561.4	1591.7	0.0	0.0
58	102	39423.3	904.7	4757.3	-876.7	-20170.8	3836.1
	202	-35607.3	-904.7	-4757.3	876.7	0.0	0.0
59	102	39423.4	-3609.9	4935.6	2147.3	-20927.1	-15305.8
	202	-35607.4	3609.9	-4935.6	-2147.3	0.0	0.0
60	102	39423.4	-7166.0	4131.5	2862.3	-17517.5	-30383.9
	202	-35607.4	7166.0	-4131.5	-2862.3	0.0	0.0
61	102	39423.3	-3007.9	5053.8	2018.8	-21428.3	-12753.6
	202	-35607.3	3007.9	-5053.8	-2018.8	0.0	0.0
62	102	39423.3	-6564.1	4249.7	2733.8	-18018.7	-27831.7
	202	-35607.3	6564.1	-4249.7	-2733.8	0.0	0.0
63	102	39422.4	6564.1	-4249.7	-2733.8	18018.8	27831.7
	202	-35606.4	-6564.1	4249.7	2733.8	0.0	0.0
64	102	39422.5	3007.9	-5053.8	-2018.8	21428.3	12753.6
	202	-35606.5	-3007.9	5053.8	2018.8	0.0	0.0
65	102	39422.4	7166.0	-4131.5	-2862.3	17517.5	30383.9
	202	-35606.4	-7166.0	4131.5	2862.3	0.0	0.0
66	102	39422.4	3609.9	-4935.6	-2147.3	20927.1	15305.8
	202	-35606.4	-3609.9	4935.6	2147.3	0.0	0.0
67	102	39422.4	-904.7	-4757.3	876.7	20170.8	-3836.1
	202	-35606.4	904.7	4757.3	-876.7	0.0	0.0
68	102	39422.4	-4460.9	-5561.4	1591.7	23580.3	-18914.3
	202	-35606.4	4460.9	5561.4	-1591.7	0.0	0.0
69	102	39422.4	-302.8	-4639.0	748.2	19669.5	-1283.9

	202	-35606.4	302.8	4639.0	-748.2	0.0	0.0
70	102	39422.4	-3859.0	-5443.2	1463.2	23079.1	-16362.1
	202	-35606.4	3859.0	5443.2	-1463.2	0.0	0.0
71	102	39423.1	5638.3	2673.3	-1328.5	-11334.7	23906.4
	202	-35607.1	-5638.3	-2673.3	1328.5	0.0	0.0
72	102	39423.1	3397.6	2521.0	-245.4	-10689.1	14406.0
	202	-35607.1	-3397.6	-2521.0	245.4	0.0	0.0
73	102	39422.8	6449.8	-234.6	-1709.7	994.7	27347.3
	202	-35606.8	-6449.8	234.6	1709.7	0.0	0.0
74	102	39422.8	4209.2	-386.9	-626.6	1640.3	17846.9
	202	-35606.8	-4209.2	386.9	626.6	0.0	0.0
75	102	39423.1	-6215.6	-7.2	1054.8	30.4	-26354.2
	202	-35607.1	6215.6	7.2	-1054.8	0.0	0.0
76	102	39423.1	-8456.3	-159.4	2138.0	676.0	-35854.5
	202	-35607.1	8456.3	159.4	-2138.0	0.0	0.0
77	102	39422.9	-5404.1	-2915.0	673.6	12359.8	-22913.3
	202	-35606.9	5404.1	2915.0	-673.6	0.0	0.0
78	102	39422.8	-7644.7	-3067.3	1756.8	13005.4	-32413.6
	202	-35606.8	7644.7	3067.3	-1756.8	0.0	0.0
79	102	39422.9	7644.7	3067.3	-1756.8	-13005.4	32413.6
	202	-35606.9	-7644.7	-3067.3	1756.8	0.0	0.0
80	102	39422.9	5404.1	2915.0	-673.6	-12359.8	22913.3
	202	-35606.9	-5404.1	-2915.0	673.6	0.0	0.0
81	102	39422.6	8456.3	159.4	-2138.0	-676.0	35854.5
	202	-35606.6	-8456.3	-159.4	2138.0	0.0	0.0
82	102	39422.6	6215.6	7.2	-1054.8	-30.4	26354.2
	202	-35606.6	-6215.6	-7.2	1054.8	0.0	0.0
83	102	39422.9	-4209.2	386.9	626.6	-1640.3	-17846.9
	202	-35606.9	4209.2	-386.9	-626.6	0.0	0.0
84	102	39422.9	-6449.8	234.6	1709.7	-994.7	-27347.3
	202	-35606.9	6449.8	-234.6	-1709.7	0.0	0.0
85	102	39422.7	-3397.6	-2521.0	245.4	10689.1	-14406.0
	202	-35606.7	3397.6	2521.0	-245.4	0.0	0.0
86	102	39422.7	-5638.3	-2673.3	1328.5	11334.7	-23906.4
	202	-35606.7	5638.3	2673.3	-1328.5	0.0	0.0
1	3	143146.9	3.4	-33.4	0.0	-495.1	3.1
	103	-138045.7	-3.4	33.4	0.0	640.8	11.7
2	3	143146.9	-66.3	90.6	0.0	1342.3	-60.2
	103	-138045.7	66.3	-90.6	0.0	-1737.4	-228.7
3	3	143146.9	238.6	8.7	0.0	128.7	-2742.2
	103	-138045.7	-238.6	-8.7	0.0	-166.6	3782.5
4	3	143146.9	-279.4	-15.7	0.0	-232.9	2705.1
	103	-138045.7	279.4	15.7	0.0	301.4	-3923.3
5	3	133394.2	5.6	-55.7	0.0	-825.2	5.1
	103	-128293.0	-5.6	55.7	0.0	1068.1	19.5
6	3	133394.2	-110.4	151.0	0.0	2237.1	-100.3
	103	-128293.0	110.4	-151.0	0.0	-2895.7	-381.1
7	3	133394.2	397.7	14.5	0.0	214.5	-4570.4
	103	-128293.0	-397.7	-14.5	0.0	-277.6	6304.2
8	3	133394.2	-465.7	-26.2	0.0	-388.2	4508.6
	103	-128293.0	465.7	26.2	0.0	502.4	-6538.9
9	3	90317.2	-3995.1	8311.8	0.0	-29453.3	-10568.8
	103	-86393.2	3995.1	-8311.8	0.0	26818.8	3087.9
10	3	90317.2	-4015.8	8551.5	0.0	-24812.5	-10031.2
	103	-86393.2	4015.8	-8551.5	0.0	22659.9	4105.3
11	3	90317.2	1310.4	8385.6	0.0	-30134.2	6465.4
	103	-86393.2	-1310.4	-8385.6	0.0	27435.7	-12892.5
12	3	90317.2	1289.7	8625.3	0.0	-25493.4	7003.0
	103	-86393.2	-1289.7	-8625.3	0.0	23276.8	-11875.2
13	3	90317.2	154.1	8155.6	0.0	-27414.5	-5726.5
	103	-86393.2	-154.1	-8155.6	0.0	24092.6	17231.3
14	3	90317.2	133.4	8395.3	0.0	-22773.6	-5188.9
	103	-86393.2	-133.4	-8395.3	0.0	19933.7	18248.6
15	3	90317.2	5459.6	8229.3	0.0	-28095.4	11307.8

	103	-86393.2	-5459.6	-8229.3	0.0	24709.5	1250.9
16	3	90317.2	5438.9	8469.0	0.0	-23454.6	11845.4
	103	-86393.2	-5438.9	-8469.0	0.0	20550.5	2268.2
17	3	90317.1	-5438.9	-8469.0	0.0	23454.6	-11845.4
	103	-86393.1	5438.9	8469.0	0.0	-20550.5	-2268.2
18	3	90317.1	-5459.6	-8229.3	0.0	28095.4	-11307.8
	103	-86393.1	5459.6	8229.3	0.0	-24709.5	-1250.9
19	3	90317.1	-133.4	-8395.3	0.0	22773.6	5188.9
	103	-86393.1	133.4	8395.3	0.0	-19933.7	-18248.6
20	3	90317.1	-154.1	-8155.6	0.0	27414.5	5726.5
	103	-86393.1	154.1	8155.6	0.0	-24092.6	-17231.3
21	3	90317.1	-1289.7	-8625.3	0.0	25493.4	-7003.0
	103	-86393.1	1289.7	8625.3	0.0	-23276.8	11875.1
22	3	90317.1	-1310.4	-8385.6	0.0	30134.2	-6465.4
	103	-86393.1	1310.4	8385.6	0.0	-27435.7	12892.5
23	3	90317.1	4015.8	-8551.5	0.0	24812.5	10031.3
	103	-86393.1	-4015.8	8551.5	0.0	-22659.9	-4105.3
24	3	90317.1	3995.1	-8311.8	0.0	29453.3	10568.8
	103	-86393.1	-3995.1	8311.8	0.0	-26818.8	-3087.9
25	3	90317.1	-9213.8	2018.1	0.0	-14841.9	-29821.3
	103	-86393.1	9213.8	-2018.1	0.0	13417.8	23620.4
26	3	90317.1	-7969.0	1971.2	0.0	-14230.2	-28368.6
	103	-86393.1	7969.0	-1971.2	0.0	12599.9	27863.4
27	3	90317.1	-9646.9	-3016.1	0.0	1030.5	-30204.3
	103	-86393.1	9646.9	3016.1	0.0	-793.0	22013.5
28	3	90317.1	-8402.2	-3063.0	0.0	1642.1	-28751.6
	103	-86393.1	8402.2	3063.0	0.0	-1610.9	26256.5
29	3	90317.1	-9282.9	2817.1	0.0	627.6	-28029.3
	103	-86393.1	9282.9	-2817.1	0.0	-445.4	27011.6
30	3	90317.1	-8038.1	2770.3	0.0	1239.3	-26576.6
	103	-86393.1	8038.1	-2770.3	0.0	-1263.2	31254.6
31	3	90317.1	-9716.0	-2217.1	0.0	16500.0	-28412.3
	103	-86393.1	9716.0	2217.1	0.0	-14656.2	25404.7
32	3	90317.1	-8471.3	-2264.0	0.0	17111.6	-26959.6
	103	-86393.1	8471.3	2264.0	0.0	-15474.1	29647.7
33	3	90317.1	8471.3	2264.0	0.0	-17111.6	26959.6
	103	-86393.1	-8471.3	-2264.0	0.0	15474.0	-29647.7
34	3	90317.1	9716.0	2217.1	0.0	-16500.0	28412.3
	103	-86393.1	-9716.0	-2217.1	0.0	14656.2	-25404.7
35	3	90317.1	8038.1	-2770.3	0.0	-1239.3	26576.6
	103	-86393.1	-8038.1	2770.3	0.0	1263.2	-31254.6
36	3	90317.1	9282.9	-2817.1	0.0	-627.6	28029.4
	103	-86393.1	-9282.9	2817.1	0.0	445.4	-27011.6
37	3	90317.1	8402.2	3063.0	0.0	-1642.1	28751.6
	103	-86393.1	-8402.2	-3063.0	0.0	1610.9	-26256.5
38	3	90317.1	9646.9	3016.1	0.0	-1030.5	30204.3
	103	-86393.1	-9646.9	-3016.1	0.0	793.0	-22013.5
39	3	90317.1	7969.0	-1971.2	0.0	14230.2	28368.6
	103	-86393.1	-7969.0	1971.2	0.0	-12599.9	-27863.4
40	3	90317.1	9213.8	-2018.1	0.0	14841.9	29821.3
	103	-86393.1	-9213.8	2018.1	0.0	-13417.8	-23620.4
41	3	104296.9	2.3	-22.3	0.0	-330.1	2.1
	103	-100372.9	-2.3	22.3	0.0	427.2	7.8
42	3	104296.9	-44.2	60.4	0.0	894.8	-40.1
	103	-100372.9	44.2	-60.4	0.0	-1158.3	-152.4
43	3	104296.9	159.1	5.8	0.0	85.8	-1828.1
	103	-100372.9	-159.1	-5.8	0.0	-111.0	2521.7
44	3	104296.9	-186.3	-10.5	0.0	-155.3	1803.4
	103	-100372.9	186.3	10.5	0.0	201.0	-2615.6
45	3	97795.1	3.8	-37.1	0.0	-550.1	3.4
	103	-93871.1	-3.8	37.1	0.0	712.0	13.0
46	3	97795.1	-73.6	100.7	0.0	1491.4	-66.9
	103	-93871.1	73.6	-100.7	0.0	-1930.4	-254.1
47	3	97795.1	265.1	9.7	0.0	143.0	-3046.9
	103	-93871.1	-265.1	-9.7	0.0	-185.1	4202.8

48	3	97795.1	-310.4	-17.5	0.0	-258.8	3005.7
	103	-93871.1	310.4	17.5	0.0	334.9	-4359.3
49	3	93698.8	-0.0	-0.0	0.0	-0.0	-0.0
	103	-89774.8	0.0	0.0	0.0	0.0	-0.0
50	3	90317.1	0.8	-7.4	0.0	-110.0	0.7
	103	-86393.1	-0.8	7.4	0.0	142.4	2.6
51	3	90317.1	-14.7	20.1	0.0	298.3	-13.4
	103	-86393.1	14.7	-20.1	0.0	-386.1	-50.8
52	3	90317.1	53.0	1.9	0.0	28.6	-609.4
	103	-86393.1	-53.0	-1.9	0.0	-37.0	840.6
53	3	90317.1	-62.1	-3.5	0.0	-51.8	601.1
	103	-86393.1	62.1	3.5	0.0	67.0	-871.9
54	3	90317.1	-0.0	-0.0	0.0	-0.0	-0.0
	103	-86393.1	0.0	0.0	0.0	0.0	-0.0
55	3	90317.2	-3501.8	7508.9	0.0	-25414.9	-9068.3
	103	-86393.2	3501.8	-7508.9	0.0	23096.6	2846.6
56	3	90317.2	-3518.4	7717.4	0.0	-21581.1	-8648.4
	103	-86393.2	3518.4	-7717.4	0.0	19661.2	3651.5
57	3	90317.2	1280.7	7580.2	0.0	-25971.9	5684.5
	103	-86393.2	-1280.7	-7580.2	0.0	23601.6	-10909.5
58	3	90317.2	1264.2	7788.6	0.0	-22138.2	6104.5
	103	-86393.2	-1264.2	-7788.6	0.0	20166.2	-10104.6
59	3	90317.2	-73.7	7364.5	0.0	-23757.2	-5052.8
	103	-86393.2	73.7	-7364.5	0.0	20927.0	14522.4
60	3	90317.2	-90.3	7573.0	0.0	-19923.5	-4632.8
	103	-86393.2	90.3	-7573.0	0.0	17491.6	15327.3
61	3	90317.2	4708.8	7435.8	0.0	-24314.3	9700.0
	103	-86393.2	-4708.8	-7435.8	0.0	21432.0	766.2
62	3	90317.2	4692.3	7644.2	0.0	-20480.6	10120.0
	103	-86393.2	-4692.3	-7644.2	0.0	17996.6	1571.2
63	3	90317.1	-4692.3	-7644.2	0.0	20480.6	-10120.0
	103	-86393.1	4692.3	7644.2	0.0	-17996.6	-1571.2
64	3	90317.1	-4708.8	-7435.8	0.0	24314.3	-9700.0
	103	-86393.1	4708.8	7435.8	0.0	-21432.0	-766.2
65	3	90317.1	90.3	-7573.0	0.0	19923.5	4632.8
	103	-86393.1	-90.3	7573.0	0.0	-17491.6	-15327.3
66	3	90317.1	73.7	-7364.5	0.0	23757.2	5052.8
	103	-86393.1	-73.7	7364.5	0.0	-20927.0	-14522.4
67	3	90317.1	-1264.2	-7788.6	0.0	22138.2	-6104.5
	103	-86393.1	1264.2	7788.6	0.0	-20166.2	10104.6
68	3	90317.1	-1280.7	-7580.2	0.0	25971.9	-5684.5
	103	-86393.1	1280.7	7580.2	0.0	-23601.6	10909.5
69	3	90317.1	3518.4	-7717.4	0.0	21581.1	8648.4
	103	-86393.1	-3518.4	7717.4	0.0	-19661.2	-3651.5
70	3	90317.1	3501.8	-7508.9	0.0	25414.9	9068.3
	103	-86393.1	-3501.8	7508.9	0.0	-23096.6	-2846.6
71	3	90317.1	-8279.0	1828.4	0.0	-12594.0	-25732.6
	103	-86393.1	8279.0	-1828.4	0.0	11373.4	20496.6
72	3	90317.1	-7250.6	1785.1	0.0	-12096.7	-24528.0
	103	-86393.1	7250.6	-1785.1	0.0	10722.5	23999.4
73	3	90317.1	-8636.1	-2717.5	0.0	1174.6	-26048.1
	103	-86393.1	8636.1	2717.5	0.0	-954.5	19171.3
74	3	90317.1	-7607.7	-2760.8	0.0	1671.9	-24843.5
	103	-86393.1	7607.7	2760.8	0.0	-1605.4	22674.0
75	3	90317.1	-8334.2	2523.3	0.0	185.1	-24332.7
	103	-86393.1	8334.2	-2523.3	0.0	-77.9	23179.8
76	3	90317.1	-7305.8	2480.0	0.0	682.4	-23128.0
	103	-86393.1	7305.8	-2480.0	0.0	-728.8	26682.5
77	3	90317.1	-8691.4	-2022.6	0.0	13953.7	-24648.2
	103	-86393.1	8691.4	2022.6	0.0	-12405.8	21854.4
78	3	90317.1	-7662.9	-2065.9	0.0	14451.0	-23443.6
	103	-86393.1	7662.9	2065.9	0.0	-13056.7	25357.2
79	3	90317.1	7662.9	2065.9	0.0	-14451.0	23443.6
	103	-86393.1	-7662.9	-2065.9	0.0	13056.7	-25357.2
80	3	90317.1	8691.4	2022.6	0.0	-13953.7	24648.2

	103	-86393.1	-8691.4	-2022.6	0.0	12405.8	-21854.4
81	3	90317.1	7305.8	-2480.0	0.0	-682.4	23128.0
	103	-86393.1	-7305.8	2480.0	0.0	728.8	-26682.5
82	3	90317.1	8334.2	-2523.3	0.0	-185.1	24332.7
	103	-86393.1	-8334.2	2523.3	0.0	77.9	-23179.8
83	3	90317.1	7607.7	2760.8	0.0	-1671.9	24843.5
	103	-86393.1	-7607.7	-2760.8	0.0	1605.4	-22674.0
84	3	90317.1	8636.1	2717.5	0.0	-1174.6	26048.1
	103	-86393.1	-8636.1	-2717.5	0.0	954.5	-19171.3
85	3	90317.1	7250.6	-1785.1	0.0	12096.7	24528.0
	103	-86393.1	-7250.6	1785.1	0.0	-10722.5	-23999.4
86	3	90317.1	8279.0	-1828.4	0.0	12594.0	25732.6
	103	-86393.1	-8279.0	1828.4	0.0	-11373.4	-20496.6
1	103	55491.3	-2.8	151.1	3.5	-640.8	-11.7
	203	-50530.5	2.8	-151.1	-3.5	0.0	0.0
2	103	55491.3	53.9	-409.8	-67.8	1737.4	228.7
	203	-50530.5	-53.9	409.8	67.8	0.0	0.0
3	103	55491.3	-892.1	-39.3	51.6	166.6	-3782.6
	203	-50530.5	892.1	39.3	-51.6	0.0	0.0
4	103	55491.3	925.3	71.1	-93.3	-301.4	3923.4
	203	-50530.5	-925.3	-71.1	93.3	0.0	0.0
5	103	50131.5	-4.6	251.9	5.8	-1068.1	-19.5
	203	-45170.7	4.6	-251.9	-5.8	0.0	0.0
6	103	50131.5	89.9	-682.9	-113.0	2895.7	381.2
	203	-45170.7	-89.9	682.9	113.0	0.0	0.0
7	103	50131.5	-1486.9	-65.5	85.9	277.6	-6304.3
	203	-45170.7	1486.9	65.5	-85.9	0.0	0.0
8	103	50131.5	1542.2	118.5	-155.5	-502.4	6539.0
	203	-45170.7	-1542.2	-118.5	155.5	0.0	0.0
9	103	33477.8	-728.1	6317.2	-1773.2	-26784.7	-3087.1
	203	-29661.8	728.1	-6317.2	1773.2	0.0	0.0
10	103	33477.8	-968.1	5343.7	-906.6	-22657.2	-4104.7
	203	-29661.8	968.1	-5343.7	906.6	0.0	0.0
11	103	33477.8	3040.9	6461.6	-1928.9	-27397.1	12893.5
	203	-29661.8	-3040.9	-6461.6	1928.9	0.0	0.0
12	103	33477.8	2800.9	5488.1	-1062.3	-23269.6	11875.9
	203	-29661.8	-2800.9	-5488.1	1062.3	0.0	0.0
13	103	33477.8	-4064.4	5679.3	2602.4	-24080.1	-17232.9
	203	-29661.8	4064.4	-5679.3	-2602.4	0.0	0.0
14	103	33477.8	-4304.4	4705.8	3469.0	-19952.6	-18250.4
	203	-29661.8	4304.4	-4705.8	-3469.0	0.0	0.0
15	103	33477.8	-295.4	5823.7	2446.6	-24692.5	-1252.3
	203	-29661.8	295.4	-5823.7	-2446.6	0.0	0.0
16	103	33477.8	-535.4	4850.2	3313.2	-20565.0	-2269.9
	203	-29661.8	535.4	-4850.2	-3313.2	0.0	0.0
17	103	33477.8	535.4	-4850.2	-3313.2	20565.0	2269.9
	203	-29661.8	-535.4	4850.2	3313.2	0.0	0.0
18	103	33477.8	295.4	-5823.7	-2446.6	24692.5	1252.3
	203	-29661.8	-295.4	5823.7	2446.6	0.0	0.0
19	103	33477.8	4304.4	-4705.8	-3469.0	19952.6	18250.4
	203	-29661.8	-4304.4	4705.8	3469.0	0.0	0.0
20	103	33477.8	4064.4	-5679.3	-2602.4	24080.1	17232.9
	203	-29661.8	-4064.4	5679.3	2602.4	0.0	0.0
21	103	33477.8	-2800.9	-5488.1	1062.3	23269.6	-11875.9
	203	-29661.8	2800.9	5488.1	-1062.3	0.0	0.0
22	103	33477.8	-3040.9	-6461.6	1928.9	27397.1	-12893.5
	203	-29661.8	3040.9	6461.6	-1928.9	0.0	0.0
23	103	33477.8	968.1	-5343.7	906.6	22657.2	4104.7
	203	-29661.8	-968.1	5343.7	-906.6	0.0	0.0
24	103	33477.8	728.1	-6317.2	1773.2	26784.7	3087.1
	203	-29661.8	-728.1	6317.2	-1773.2	0.0	0.0
25	103	33477.8	-5570.7	3152.5	-1610.1	-13366.7	-23619.9
	203	-29661.8	5570.7	-3152.5	1610.1	0.0	0.0
26	103	33477.8	-6571.6	2961.1	-297.5	-12555.3	-27863.7

	203	-29661.8	6571.6	-2961.1	297.5	0.0	0.0
27	103	33477.8	-5191.7	-197.7	-2072.1	838.2	-22012.8
	203	-29661.8	5191.7	197.7	2072.1	0.0	0.0
28	103	33477.8	-6192.6	-389.1	-759.5	1649.6	-26256.6
	203	-29661.8	6192.6	389.1	759.5	0.0	0.0
29	103	33477.8	-6370.7	-92.4	1278.6	391.7	-27011.9
	203	-29661.8	6370.7	92.4	-1278.6	0.0	0.0
30	103	33477.8	-7371.6	-283.7	2591.2	1203.1	-31255.6
	203	-29661.8	7371.6	283.7	-2591.2	0.0	0.0
31	103	33477.8	-5991.7	-3442.6	816.5	14596.6	-25404.8
	203	-29661.8	5991.7	3442.6	-816.5	0.0	0.0
32	103	33477.8	-6992.6	-3634.0	2129.2	15408.0	-29648.5
	203	-29661.8	6992.6	3634.0	-2129.2	0.0	0.0
33	103	33477.8	6992.6	3634.0	-2129.2	-15408.0	29648.5
	203	-29661.8	-6992.6	-3634.0	2129.2	0.0	0.0
34	103	33477.8	5991.7	3442.6	-816.5	-14596.6	25404.8
	203	-29661.8	-5991.7	-3442.6	816.5	0.0	0.0
35	103	33477.8	7371.6	283.7	-2591.2	-1203.1	31255.6
	203	-29661.8	-7371.6	-283.7	2591.2	0.0	0.0
36	103	33477.8	6370.7	92.4	-1278.6	-391.7	27011.9
	203	-29661.8	-6370.7	-92.4	1278.6	0.0	0.0
37	103	33477.8	6192.6	389.1	759.5	-1649.6	26256.6
	203	-29661.8	-6192.6	-389.1	-759.5	0.0	0.0
38	103	33477.8	5191.7	197.7	2072.1	-838.2	22012.8
	203	-29661.8	-5191.7	-197.7	-2072.1	0.0	0.0
39	103	33477.8	6571.6	-2961.1	297.5	12555.3	27863.7
	203	-29661.8	-6571.6	2961.1	-297.5	0.0	0.0
40	103	33477.8	5570.7	-3152.5	1610.1	13366.7	23619.9
	203	-29661.8	-5570.7	3152.5	-1610.1	0.0	0.0
41	103	40624.2	-1.8	100.8	2.3	-427.2	-7.8
	203	-36808.2	1.8	-100.8	-2.3	0.0	0.0
42	103	40624.2	36.0	-273.2	-45.2	1158.3	152.5
	203	-36808.2	-36.0	273.2	45.2	0.0	0.0
43	103	40624.2	-594.7	-26.2	34.4	111.0	-2521.7
	203	-36808.2	594.7	26.2	-34.4	0.0	0.0
44	103	40624.2	616.9	47.4	-62.2	-201.0	2615.6
	203	-36808.2	-616.9	-47.4	62.2	0.0	0.0
45	103	37051.0	-3.1	167.9	3.9	-712.0	-13.0
	203	-33235.0	3.1	-167.9	-3.9	0.0	0.0
46	103	37051.0	59.9	-455.3	-75.3	1930.4	254.1
	203	-33235.0	-59.9	455.3	75.3	0.0	0.0
47	103	37051.0	-991.2	-43.6	57.3	185.1	-4202.8
	203	-33235.0	991.2	43.6	-57.3	0.0	0.0
48	103	37051.0	1028.1	79.0	-103.7	-334.9	4359.3
	203	-33235.0	-1028.1	-79.0	103.7	0.0	0.0
49	103	34907.1	0.0	-0.0	-0.0	0.0	0.0
	203	-31091.1	-0.0	0.0	0.0	0.0	0.0
50	103	33477.8	-0.6	33.6	0.8	-142.4	-2.6
	203	-29661.8	0.6	-33.6	-0.8	0.0	0.0
51	103	33477.8	12.0	-91.1	-15.1	386.1	50.8
	203	-29661.8	-12.0	91.1	15.1	0.0	0.0
52	103	33477.8	-198.2	-8.7	11.5	37.0	-840.6
	203	-29661.8	198.2	8.7	-11.5	0.0	0.0
53	103	33477.8	205.6	15.8	-20.7	-67.0	871.9
	203	-29661.8	-205.6	-15.8	20.7	0.0	0.0
54	103	33477.8	0.0	-0.0	-0.0	0.0	0.0
	203	-29661.8	-0.0	0.0	0.0	0.0	0.0
55	103	33477.8	-671.2	5443.2	-1463.2	-23079.1	-2845.9
	203	-29661.8	671.2	-5443.2	1463.2	0.0	0.0
56	103	33477.8	-861.1	4639.0	-748.2	-19669.5	-3651.0
	203	-29661.8	861.1	-4639.0	748.2	0.0	0.0
57	103	33477.8	2573.2	5561.4	-1591.7	-23580.3	10910.3
	203	-29661.8	-2573.2	-5561.4	1591.7	0.0	0.0
58	103	33477.8	2383.3	4757.3	-876.7	-20170.8	10105.2
	203	-29661.8	-2383.3	-4757.3	876.7	0.0	0.0

59	103	33477.8	-3425.4	4935.6	2147.3	-20927.1	-14523.7
	203	-29661.8	3425.4	-4935.6	-2147.3	0.0	0.0
60	103	33477.8	-3615.3	4131.5	2862.3	-17517.5	-15328.8
	203	-29661.8	3615.3	-4131.5	-2862.3	0.0	0.0
61	103	33477.8	-181.0	5053.8	2018.8	-21428.3	-767.5
	203	-29661.8	181.0	-5053.8	-2018.8	0.0	0.0
62	103	33477.8	-370.9	4249.7	2733.8	-18018.7	-1572.6
	203	-29661.8	370.9	-4249.7	-2733.8	0.0	0.0
63	103	33477.8	370.9	-4249.7	-2733.8	18018.8	1572.6
	203	-29661.8	-370.9	4249.7	2733.8	0.0	0.0
64	103	33477.8	181.0	-5053.8	-2018.8	21428.3	767.5
	203	-29661.8	-181.0	5053.8	2018.8	0.0	0.0
65	103	33477.8	3615.3	-4131.5	-2862.3	17517.5	15328.8
	203	-29661.8	-3615.3	4131.5	2862.3	0.0	0.0
66	103	33477.8	3425.4	-4935.6	-2147.3	20927.1	14523.7
	203	-29661.8	-3425.4	4935.6	2147.3	0.0	0.0
67	103	33477.8	-2383.3	-4757.3	876.7	20170.8	-10105.2
	203	-29661.8	2383.3	4757.3	-876.7	0.0	0.0
68	103	33477.8	-2573.2	-5561.4	1591.7	23580.3	-10910.3
	203	-29661.8	2573.2	5561.4	-1591.7	0.0	0.0
69	103	33477.8	861.1	-4639.0	748.2	19669.5	3651.0
	203	-29661.8	-861.1	4639.0	-748.2	0.0	0.0
70	103	33477.8	671.2	-5443.2	1463.2	23079.1	2845.9
	203	-29661.8	-671.2	5443.2	-1463.2	0.0	0.0
71	103	33477.8	-4834.0	2673.3	-1328.5	-11334.7	-20496.3
	203	-29661.8	4834.0	-2673.3	1328.5	0.0	0.0
72	103	33477.8	-5660.3	2521.0	-245.4	-10689.1	-23999.6
	203	-29661.8	5660.3	-2521.0	245.4	0.0	0.0
73	103	33477.8	-4521.4	-234.6	-1709.7	994.7	-19170.7
	203	-29661.8	4521.4	234.6	1709.7	0.0	0.0
74	103	33477.8	-5347.7	-386.9	-626.6	1640.3	-22674.1
	203	-29661.8	5347.7	386.9	626.6	0.0	0.0
75	103	33477.8	-5467.0	-7.2	1054.8	30.4	-23180.0
	203	-29661.8	5467.0	7.2	-1054.8	0.0	0.0
76	103	33477.8	-6293.2	-159.4	2138.0	676.0	-26683.3
	203	-29661.8	6293.2	159.4	-2138.0	0.0	0.0
77	103	33477.8	-5154.4	-2915.0	673.6	12359.8	-21854.5
	203	-29661.8	5154.4	2915.0	-673.6	0.0	0.0
78	103	33477.8	-5980.6	-3067.3	1756.8	13005.4	-25357.8
	203	-29661.8	5980.6	3067.3	-1756.8	0.0	0.0
79	103	33477.8	5980.6	3067.3	-1756.8	-13005.4	25357.8
	203	-29661.8	-5980.6	-3067.3	1756.8	0.0	0.0
80	103	33477.8	5154.4	2915.0	-673.6	-12359.8	21854.5
	203	-29661.8	-5154.4	-2915.0	673.6	0.0	0.0
81	103	33477.8	6293.2	159.4	-2138.0	-676.0	26683.3
	203	-29661.8	-6293.2	-159.4	2138.0	0.0	0.0
82	103	33477.8	5467.0	7.2	-1054.8	-30.4	23180.0
	203	-29661.8	-5467.0	-7.2	1054.8	0.0	0.0
83	103	33477.8	5347.7	386.9	626.6	-1640.3	22674.1
	203	-29661.8	-5347.7	-386.9	-626.6	0.0	0.0
84	103	33477.8	4521.4	234.6	1709.7	-994.7	19170.7
	203	-29661.8	-4521.4	-234.6	-1709.7	0.0	0.0
85	103	33477.8	5660.3	-2521.0	245.4	10689.1	23999.6
	203	-29661.8	-5660.3	2521.0	-245.4	0.0	0.0
86	103	33477.8	4834.0	-2673.3	1328.5	11334.7	20496.3
	203	-29661.8	-4834.0	2673.3	-1328.5	0.0	0.0
1	4	147148.4	-3.2	-33.4	0.0	-495.1	-6.2
	104	-142047.2	3.2	33.4	0.0	640.8	-7.6
2	4	147148.4	62.1	90.6	0.0	1342.3	122.1
	104	-142047.2	-62.1	-90.6	0.0	-1737.4	148.6
3	4	147148.4	141.0	8.7	0.0	128.7	-2880.8
	104	-142047.2	-141.0	-8.7	0.0	-166.6	3495.7
4	4	147148.4	-102.8	-15.7	0.0	-232.9	2956.0
	104	-142047.2	102.8	15.7	0.0	301.4	-3404.2

5	4	137050.5	-5.3	-55.7	0.0	-825.2	-10.4
	104	-131949.3	5.3	55.7	0.0	1068.1	-12.7
6	4	137050.5	103.5	151.0	0.0	2237.1	203.5
	104	-131949.3	-103.5	-151.0	0.0	-2895.7	247.6
7	4	137050.5	235.1	14.5	0.0	214.5	-4801.3
	104	-131949.3	-235.1	-14.5	0.0	-277.6	5826.2
8	4	137050.5	-171.4	-26.2	0.0	-388.2	4926.6
	104	-131949.3	171.4	26.2	0.0	502.4	-5673.7
9	4	92802.2	-1263.2	8311.8	0.0	-29453.3	-5945.9
	104	-88878.2	1263.2	-8311.8	0.0	26818.8	11917.3
10	4	92802.2	-1308.7	8551.5	0.0	-24812.5	-6355.8
	104	-88878.2	1308.7	-8551.5	0.0	22659.9	10905.0
11	4	92802.2	4035.0	8385.6	0.0	-30134.2	11309.1
	104	-88878.2	-4035.0	-8385.6	0.0	27435.7	-3542.3
12	4	92802.2	3989.5	8625.3	0.0	-25493.4	10899.2
	104	-88878.2	-3989.5	-8625.3	0.0	23276.8	-4554.6
13	4	92802.2	-5450.8	8155.6	0.0	-27414.5	-14107.3
	104	-88878.2	5450.8	-8155.6	0.0	24092.6	1196.0
14	4	92802.2	-5496.4	8395.3	0.0	-22773.6	-14517.2
	104	-88878.2	5496.4	-8395.3	0.0	19933.7	183.7
15	4	92802.2	-152.6	8229.3	0.0	-28095.4	3147.7
	104	-88878.2	152.6	-8229.3	0.0	24709.5	-14263.5
16	4	92802.2	-198.1	8469.0	0.0	-23454.6	2737.8
	104	-88878.2	198.1	-8469.0	0.0	20550.5	-15275.9
17	4	92802.3	198.1	-8469.0	0.0	23454.6	-2737.8
	104	-88878.3	-198.1	8469.0	0.0	-20550.5	15275.9
18	4	92802.3	152.6	-8229.3	0.0	28095.4	-3147.7
	104	-88878.3	-152.6	8229.3	0.0	-24709.5	14263.5
19	4	92802.3	5496.4	-8395.3	0.0	22773.6	14517.2
	104	-88878.3	-5496.4	8395.3	0.0	-19933.7	-183.7
20	4	92802.3	5450.8	-8155.6	0.0	27414.5	14107.3
	104	-88878.3	-5450.8	8155.6	0.0	-24092.6	-1196.0
21	4	92802.3	-3989.5	-8625.3	0.0	25493.4	-10899.2
	104	-88878.3	3989.5	8625.3	0.0	-23276.8	4554.6
22	4	92802.3	-4035.0	-8385.6	0.0	30134.2	-11309.1
	104	-88878.3	4035.0	8385.6	0.0	-27435.7	3542.3
23	4	92802.3	1308.7	-8551.5	0.0	24812.5	6355.8
	104	-88878.3	-1308.7	8551.5	0.0	-22659.9	-10905.0
24	4	92802.3	1263.2	-8311.8	0.0	29453.3	5945.9
	104	-88878.3	-1263.2	8311.8	0.0	-26818.8	-11917.3
25	4	92802.2	-8345.5	2018.1	0.0	-14841.9	-27332.3
	104	-88878.2	8345.5	-2018.1	0.0	13417.8	28557.6
26	4	92802.2	-9601.8	1971.2	0.0	-14230.2	-29780.7
	104	-88878.2	9601.8	-1971.2	0.0	12599.9	25341.2
27	4	92802.3	-7907.1	-3016.1	0.0	1030.5	-26369.8
	104	-88878.3	7907.1	3016.1	0.0	-793.0	29565.1
28	4	92802.3	-9163.4	-3063.0	0.0	1642.1	-28818.3
	104	-88878.3	9163.4	3063.0	0.0	-1610.9	26348.8
29	4	92802.2	-8497.4	2817.1	0.0	627.6	-28698.5
	104	-88878.2	8497.4	-2817.1	0.0	-445.4	25183.1
30	4	92802.2	-9753.6	2770.3	0.0	1239.3	-31146.9
	104	-88878.2	9753.6	-2770.3	0.0	-1263.2	21966.7
31	4	92802.3	-8059.0	-2217.1	0.0	16500.0	-27736.1
	104	-88878.3	8059.0	2217.1	0.0	-14656.2	26190.7
32	4	92802.3	-9315.2	-2264.0	0.0	17111.6	-30184.5
	104	-88878.3	9315.2	2264.0	0.0	-15474.1	22974.3
33	4	92802.2	9315.2	2264.0	0.0	-17111.6	30184.5
	104	-88878.2	-9315.2	-2264.0	0.0	15474.0	-22974.3
34	4	92802.2	8059.0	2217.1	0.0	-16500.0	27736.1
	104	-88878.2	-8059.0	-2217.1	0.0	14656.2	-26190.7
35	4	92802.3	9753.6	-2770.3	0.0	-1239.3	31146.9
	104	-88878.3	-9753.6	2770.3	0.0	1263.2	-21966.7
36	4	92802.3	8497.4	-2817.1	0.0	-627.6	28698.5
	104	-88878.3	-8497.4	2817.1	0.0	445.4	-25183.1
37	4	92802.2	9163.4	3063.0	0.0	-1642.1	28818.3

	104	-88878.2	-9163.4	-3063.0	0.0	1610.9	-26348.8
38	4	92802.2	7907.1	3016.1	0.0	-1030.5	26369.8
	104	-88878.2	-7907.1	-3016.1	0.0	793.0	-29565.1
39	4	92802.2	9601.8	-1971.2	0.0	14230.2	29780.7
	104	-88878.2	-9601.8	1971.2	0.0	-12599.9	-25341.2
40	4	92802.2	8345.5	-2018.1	0.0	14841.9	27332.3
	104	-88878.2	-8345.5	2018.1	0.0	-13417.8	-28557.6
41	4	107242.3	-2.1	-22.3	0.0	-330.1	-4.2
	104	-103318.3	2.1	22.3	0.0	427.2	-5.1
42	4	107242.3	41.4	60.4	0.0	894.8	81.4
	104	-103318.3	-41.4	-60.4	0.0	-1158.3	99.1
43	4	107242.3	94.0	5.8	0.0	85.8	-1920.5
	104	-103318.3	-94.0	-5.8	0.0	-111.0	2330.5
44	4	107242.3	-68.5	-10.5	0.0	-155.3	1970.6
	104	-103318.3	68.5	10.5	0.0	201.0	-2269.5
45	4	100510.3	-3.5	-37.1	0.0	-550.1	-6.9
	104	-96586.3	3.5	37.1	0.0	712.0	-8.4
46	4	100510.3	69.0	100.7	0.0	1491.4	135.6
	104	-96586.3	-69.0	-100.7	0.0	-1930.4	165.1
47	4	100510.3	156.7	9.7	0.0	143.0	-3200.9
	104	-96586.3	-156.7	-9.7	0.0	-185.1	3884.1
48	4	100510.3	-114.2	-17.5	0.0	-258.8	3284.4
	104	-96586.3	114.2	17.5	0.0	334.9	-3782.5
49	4	96276.0	0.0	0.0	0.0	-0.0	0.0
	104	-92352.0	-0.0	-0.0	0.0	-0.0	0.0
50	4	92802.2	-0.7	-7.4	0.0	-110.0	-1.4
	104	-88878.2	0.7	7.4	0.0	142.4	-1.7
51	4	92802.2	13.8	20.1	0.0	298.3	27.1
	104	-88878.2	-13.8	-20.1	0.0	-386.1	33.0
52	4	92802.2	31.3	1.9	0.0	28.6	-640.2
	104	-88878.2	-31.3	-1.9	0.0	-37.0	776.8
53	4	92802.2	-22.8	-3.5	0.0	-51.8	656.9
	104	-88878.2	22.8	3.5	0.0	67.0	-756.5
54	4	92802.2	0.0	0.0	0.0	-0.0	0.0
	104	-88878.2	-0.0	-0.0	0.0	-0.0	0.0
55	4	92802.2	-1241.8	7508.9	0.0	-25414.9	-5247.1
	104	-88878.2	1241.8	-7508.9	0.0	23096.6	10110.7
56	4	92802.2	-1278.5	7717.4	0.0	-21581.1	-5573.7
	104	-88878.2	1278.5	-7717.4	0.0	19661.2	9315.6
57	4	92802.2	3533.8	7580.2	0.0	-25971.9	9677.4
	104	-88878.2	-3533.8	-7580.2	0.0	23601.6	-3231.4
58	4	92802.2	3497.1	7788.6	0.0	-22138.2	9350.9
	104	-88878.2	-3497.1	-7788.6	0.0	20166.2	-4026.5
59	4	92802.2	-4701.9	7364.5	0.0	-23757.2	-11994.6
	104	-88878.2	4701.9	-7364.5	0.0	20927.0	1256.7
60	4	92802.2	-4738.6	7573.0	0.0	-19923.5	-12321.1
	104	-88878.2	4738.6	-7573.0	0.0	17491.6	461.6
61	4	92802.2	73.8	7435.8	0.0	-24314.3	2930.0
	104	-88878.2	-73.8	-7435.8	0.0	21432.0	-12085.4
62	4	92802.2	37.1	7644.2	0.0	-20480.6	2603.4
	104	-88878.2	-37.1	-7644.2	0.0	17996.6	-12880.5
63	4	92802.3	-37.1	-7644.2	0.0	20480.6	-2603.4
	104	-88878.3	37.1	7644.2	0.0	-17996.6	12880.5
64	4	92802.3	-73.8	-7435.8	0.0	24314.3	-2930.0
	104	-88878.3	73.8	7435.8	0.0	-21432.0	12085.4
65	4	92802.3	4738.6	-7573.0	0.0	19923.5	12321.1
	104	-88878.3	-4738.6	7573.0	0.0	-17491.6	-461.6
66	4	92802.3	4701.9	-7364.5	0.0	23757.2	11994.6
	104	-88878.3	-4701.9	7364.5	0.0	-20927.0	-1256.7
67	4	92802.3	-3497.1	-7788.6	0.0	22138.2	-9350.9
	104	-88878.3	3497.1	7788.6	0.0	-20166.2	4026.5
68	4	92802.3	-3533.8	-7580.2	0.0	25971.9	-9677.4
	104	-88878.3	3533.8	7580.2	0.0	-23601.6	3231.4
69	4	92802.3	1278.5	-7717.4	0.0	21581.1	5573.7
	104	-88878.3	-1278.5	7717.4	0.0	-19661.2	-9315.6

70	4	92802.3	1241.8	-7508.9	0.0	25414.9	5247.1
	104	-88878.3	-1241.8	7508.9	0.0	-23096.6	-10110.7
71	4	92802.2	-7560.0	1828.4	0.0	-12594.0	-23714.4
	104	-88878.2	7560.0	-1828.4	0.0	11373.4	24474.6
72	4	92802.2	-8598.0	1785.1	0.0	-12096.7	-25738.6
	104	-88878.2	8598.0	-1785.1	0.0	10722.5	21818.5
73	4	92802.3	-7198.6	-2717.5	0.0	1174.6	-22921.3
	104	-88878.3	7198.6	2717.5	0.0	-954.5	25305.6
74	4	92802.3	-8236.6	-2760.8	0.0	1671.9	-24945.5
	104	-88878.3	8236.6	2760.8	0.0	-1605.4	22649.4
75	4	92802.2	-7682.3	2523.3	0.0	185.1	-24802.9
	104	-88878.2	7682.3	-2523.3	0.0	-77.9	21824.2
76	4	92802.2	-8720.3	2480.0	0.0	682.4	-26827.2
	104	-88878.2	8720.3	-2480.0	0.0	-728.8	19168.1
77	4	92802.3	-7320.9	-2022.6	0.0	13953.7	-24009.8
	104	-88878.3	7320.9	2022.6	0.0	-12405.8	22655.2
78	4	92802.3	-8358.9	-2065.9	0.0	14451.0	-26034.1
	104	-88878.3	8358.9	2065.9	0.0	-13056.7	19999.0
79	4	92802.2	8358.9	2065.9	0.0	-14451.0	26034.1
	104	-88878.2	-8358.9	-2065.9	0.0	13056.7	-19999.0
80	4	92802.2	7320.9	2022.6	0.0	-13953.7	24009.8
	104	-88878.2	-7320.9	-2022.6	0.0	12405.8	-22655.2
81	4	92802.3	8720.3	-2480.0	0.0	-682.4	26827.2
	104	-88878.3	-8720.3	2480.0	0.0	728.8	-19168.1
82	4	92802.3	7682.3	-2523.3	0.0	-185.1	24802.9
	104	-88878.3	-7682.3	2523.3	0.0	77.9	-21824.2
83	4	92802.2	8236.6	2760.8	0.0	-1671.9	24945.5
	104	-88878.2	-8236.6	-2760.8	0.0	1605.4	-22649.4
84	4	92802.2	7198.6	2717.5	0.0	-1174.6	22921.3
	104	-88878.2	-7198.6	-2717.5	0.0	954.5	-25305.6
85	4	92802.2	8598.0	-1785.1	0.0	12096.7	25738.6
	104	-88878.2	-8598.0	1785.1	0.0	-10722.5	-21818.5
86	4	92802.2	7560.0	-1828.4	0.0	12594.0	23714.4
	104	-88878.2	-7560.0	1828.4	0.0	-11373.4	-24474.6
1	104	59492.8	1.8	151.1	3.5	-640.8	7.6
	204	-54532.0	-1.8	-151.1	-3.5	0.0	0.0
2	104	59492.8	-35.1	-409.8	-67.8	1737.4	-148.6
	204	-54532.0	35.1	409.8	67.8	0.0	0.0
3	104	59492.8	-824.5	-39.3	51.6	166.6	-3495.7
	204	-54532.0	824.5	39.3	-51.6	0.0	0.0
4	104	59492.8	802.9	71.1	-93.3	-301.4	3404.2
	204	-54532.0	-802.9	-71.1	93.3	0.0	0.0
5	104	53787.9	3.0	251.9	5.8	-1068.1	12.7
	204	-48827.1	-3.0	-251.9	-5.8	0.0	0.0
6	104	53787.9	-58.4	-682.9	-113.0	2895.7	-247.7
	204	-48827.1	58.4	682.9	113.0	0.0	0.0
7	104	53787.9	-1374.1	-65.5	85.9	277.6	-5826.1
	204	-48827.1	1374.1	65.5	-85.9	0.0	0.0
8	104	53787.9	1338.1	118.5	-155.5	-502.4	5673.6
	204	-48827.1	-1338.1	-118.5	155.5	0.0	0.0
9	104	35962.9	-2810.9	6317.2	-1773.2	-26784.7	-11918.2
	204	-32146.9	2810.9	-6317.2	1773.2	0.0	0.0
10	104	35962.9	-2572.1	5343.7	-906.6	-22657.2	-10905.7
	204	-32146.8	2572.1	-5343.7	906.6	0.0	0.0
11	104	35962.9	835.2	6461.6	-1928.9	-27397.1	3541.4
	204	-32146.8	-835.2	-6461.6	1928.9	0.0	0.0
12	104	35962.9	1074.0	5488.1	-1062.3	-23269.6	4553.9
	204	-32146.8	-1074.0	-5488.1	1062.3	0.0	0.0
13	104	35962.9	-281.7	5679.3	2602.4	-24080.1	-1194.5
	204	-32146.9	281.7	-5679.3	-2602.4	0.0	0.0
14	104	35962.9	-42.9	4705.8	3469.0	-19952.6	-182.0
	204	-32146.9	42.9	-4705.8	-3469.0	0.0	0.0
15	104	35962.9	3364.4	5823.7	2446.6	-24692.5	14265.1
	204	-32146.9	-3364.4	-5823.7	-2446.6	0.0	0.0

16	104	35962.9	3603.2	4850.2	3313.2	-20565.0	15277.6
	204	-32146.9	-3603.2	-4850.2	-3313.2	0.0	0.0
17	104	35962.9	-3603.2	-4850.2	-3313.2	20565.0	-15277.6
	204	-32146.9	3603.2	4850.2	3313.2	0.0	0.0
18	104	35962.9	-3364.4	-5823.7	-2446.6	24692.5	-14265.1
	204	-32146.9	3364.4	5823.7	2446.6	0.0	0.0
19	104	35962.9	42.9	-4705.8	-3469.0	19952.6	182.0
	204	-32146.9	-42.9	4705.8	3469.0	0.0	0.0
20	104	35962.9	281.7	-5679.3	-2602.4	24080.1	1194.5
	204	-32146.9	-281.7	5679.3	2602.4	0.0	0.0
21	104	35962.9	-1074.0	-5488.1	1062.3	23269.6	-4553.9
	204	-32146.9	1074.0	5488.1	-1062.3	0.0	0.0
22	104	35962.9	-835.2	-6461.6	1928.9	27397.1	-3541.4
	204	-32146.9	835.2	6461.6	-1928.9	0.0	0.0
23	104	35962.9	2572.1	-5343.7	906.6	22657.2	10905.7
	204	-32146.9	-2572.1	5343.7	-906.6	0.0	0.0
24	104	35962.9	2810.9	-6317.2	1773.2	26784.7	11918.2
	204	-32146.9	-2810.9	6317.2	-1773.2	0.0	0.0
25	104	35962.9	-6735.4	3152.5	-1610.1	-13366.7	-28558.1
	204	-32146.9	6735.4	-3152.5	1610.1	0.0	0.0
26	104	35962.9	-5976.7	2961.1	-297.5	-12555.3	-25341.0
	204	-32146.9	5976.7	-2961.1	297.5	0.0	0.0
27	104	35962.9	-6973.1	-197.7	-2072.1	838.2	-29566.0
	204	-32146.9	6973.1	197.7	2072.1	0.0	0.0
28	104	35962.9	-6214.4	-389.1	-759.5	1649.6	-26348.8
	204	-32146.9	6214.4	389.1	759.5	0.0	0.0
29	104	35962.9	-5939.4	-92.4	1278.6	391.7	-25183.1
	204	-32146.9	5939.4	92.4	-1278.6	0.0	0.0
30	104	35962.9	-5180.6	-283.7	2591.2	1203.1	-21966.0
	204	-32146.9	5180.6	283.7	-2591.2	0.0	0.0
31	104	35962.9	-6177.1	-3442.6	816.5	14596.6	-26190.9
	204	-32146.9	6177.1	3442.6	-816.5	0.0	0.0
32	104	35962.9	-5418.3	-3634.0	2129.2	15408.0	-22973.8
	204	-32146.9	5418.3	3634.0	-2129.2	0.0	0.0
33	104	35962.9	5418.3	3634.0	-2129.2	-15408.0	22973.8
	204	-32146.9	-5418.3	-3634.0	2129.2	0.0	0.0
34	104	35962.9	6177.1	3442.6	-816.5	-14596.6	26190.9
	204	-32146.9	-6177.1	-3442.6	816.5	0.0	0.0
35	104	35962.9	5180.6	283.7	-2591.2	-1203.1	21966.0
	204	-32146.9	-5180.6	-283.7	2591.2	0.0	0.0
36	104	35962.9	5939.4	92.4	-1278.6	-391.7	25183.1
	204	-32146.9	-5939.4	-92.4	1278.6	0.0	0.0
37	104	35962.9	6214.4	389.1	759.5	-1649.6	26348.9
	204	-32146.9	-6214.4	-389.1	-759.5	0.0	0.0
38	104	35962.9	6973.1	197.7	2072.1	-838.2	29566.0
	204	-32146.9	-6973.1	-197.7	-2072.1	0.0	0.0
39	104	35962.9	5976.7	-2961.1	297.5	12555.3	25341.0
	204	-32146.9	-5976.7	2961.1	-297.5	0.0	0.0
40	104	35962.9	6735.4	-3152.5	1610.1	13366.7	28558.1
	204	-32146.9	-6735.4	3152.5	-1610.1	0.0	0.0
41	104	43569.5	1.2	100.8	2.3	-427.2	5.1
	204	-39753.5	-1.2	-100.8	-2.3	0.0	0.0
42	104	43569.5	-23.4	-273.2	-45.2	1158.3	-99.1
	204	-39753.5	23.4	273.2	45.2	0.0	0.0
43	104	43569.5	-549.6	-26.2	34.4	111.0	-2330.5
	204	-39753.5	549.6	26.2	-34.4	0.0	0.0
44	104	43569.5	535.2	47.4	-62.2	-201.0	2269.4
	204	-39753.5	-535.2	-47.4	62.2	0.0	0.0
45	104	39766.2	2.0	167.9	3.9	-712.0	8.4
	204	-35950.2	-2.0	-167.9	-3.9	0.0	0.0
46	104	39766.2	-38.9	-455.3	-75.3	1930.4	-165.1
	204	-35950.2	38.9	455.3	75.3	0.0	0.0
47	104	39766.2	-916.1	-43.6	57.3	185.1	-3884.1
	204	-35950.2	916.1	43.6	-57.3	0.0	0.0
48	104	39766.2	892.1	79.0	-103.7	-334.9	3782.4

	204	-35950.2	-892.1	-79.0	103.7	0.0	0.0
49	104	37484.2	-0.0	0.0	-0.0	-0.0	-0.0
	204	-33668.2	0.0	-0.0	0.0	0.0	0.0
50	104	35962.9	0.4	33.6	0.8	-142.4	1.7
	204	-32146.9	-0.4	-33.6	-0.8	0.0	0.0
51	104	35962.9	-7.8	-91.1	-15.1	386.1	-33.0
	204	-32146.9	7.8	91.1	15.1	0.0	0.0
52	104	35962.9	-183.2	-8.7	11.5	37.0	-776.8
	204	-32146.9	183.2	8.7	-11.5	0.0	0.0
53	104	35962.9	178.4	15.8	-20.7	-67.0	756.5
	204	-32146.9	-178.4	-15.8	20.7	0.0	0.0
54	104	35962.9	-0.0	0.0	-0.0	-0.0	-0.0
	204	-32146.9	0.0	-0.0	0.0	0.0	0.0
55	104	35962.9	-2384.8	5443.2	-1463.2	-23079.1	-10111.4
	204	-32146.9	2384.8	-5443.2	1463.2	0.0	0.0
56	104	35962.9	-2197.2	4639.0	-748.2	-19669.5	-9316.1
	204	-32146.9	2197.2	-4639.0	748.2	0.0	0.0
57	104	35962.9	762.0	5561.4	-1591.7	-23580.3	3230.7
	204	-32146.9	-762.0	-5561.4	1591.7	0.0	0.0
58	104	35962.9	949.5	4757.3	-876.7	-20170.8	4026.0
	204	-32146.9	-949.5	-4757.3	876.7	0.0	0.0
59	104	35962.9	-296.1	4935.6	2147.3	-20927.1	-1255.5
	204	-32146.9	296.1	-4935.6	-2147.3	0.0	0.0
60	104	35962.9	-108.5	4131.5	2862.3	-17517.5	-460.2
	204	-32146.9	108.5	-4131.5	-2862.3	0.0	0.0
61	104	35962.9	2850.6	5053.8	2018.8	-21428.3	12086.6
	204	-32146.9	-2850.6	-5053.8	-2018.8	0.0	0.0
62	104	35962.9	3038.2	4249.7	2733.8	-18018.7	12881.9
	204	-32146.9	-3038.2	-4249.7	-2733.8	0.0	0.0
63	104	35962.9	-3038.2	-4249.7	-2733.8	18018.8	-12881.9
	204	-32146.9	3038.2	4249.7	2733.8	0.0	0.0
64	104	35962.9	-2850.6	-5053.8	-2018.8	21428.3	-12086.6
	204	-32146.9	2850.6	5053.8	2018.8	0.0	0.0
65	104	35962.9	108.5	-4131.5	-2862.3	17517.5	460.2
	204	-32146.9	-108.5	4131.5	2862.3	0.0	0.0
66	104	35962.9	296.1	-4935.6	-2147.3	20927.1	1255.5
	204	-32146.9	-296.1	4935.6	2147.3	0.0	0.0
67	104	35962.9	-949.5	-4757.3	876.7	20170.8	-4026.0
	204	-32146.9	949.5	4757.3	-876.7	0.0	0.0
68	104	35962.9	-762.0	-5561.4	1591.7	23580.3	-3230.7
	204	-32146.9	762.0	5561.4	-1591.7	0.0	0.0
69	104	35962.9	2197.2	-4639.0	748.2	19669.5	9316.1
	204	-32146.9	-2197.2	4639.0	-748.2	0.0	0.0
70	104	35962.9	2384.8	-5443.2	1463.2	23079.1	10111.4
	204	-32146.9	-2384.8	5443.2	-1463.2	0.0	0.0
71	104	35962.9	-5772.4	2673.3	-1328.5	-11334.7	-24475.1
	204	-32146.9	5772.4	-2673.3	1328.5	0.0	0.0
72	104	35962.9	-5145.8	2521.0	-245.4	-10689.1	-21818.3
	204	-32146.9	5145.8	-2521.0	245.4	0.0	0.0
73	104	35962.9	-5968.5	-234.6	-1709.7	994.7	-25306.2
	204	-32146.9	5968.5	234.6	1709.7	0.0	0.0
74	104	35962.9	-5341.9	-386.9	-626.6	1640.3	-22649.5
	204	-32146.9	5341.9	386.9	626.6	0.0	0.0
75	104	35962.9	-5147.2	-7.2	1054.8	30.4	-21824.2
	204	-32146.9	5147.2	7.2	-1054.8	0.0	0.0
76	104	35962.9	-4520.6	-159.4	2138.0	676.0	-19167.4
	204	-32146.9	4520.6	159.4	-2138.0	0.0	0.0
77	104	35962.9	-5343.2	-2915.0	673.6	12359.8	-22655.4
	204	-32146.9	5343.2	2915.0	-673.6	0.0	0.0
78	104	35962.9	-4716.6	-3067.3	1756.8	13005.4	-19998.6
	204	-32146.9	4716.6	3067.3	-1756.8	0.0	0.0
79	104	35962.9	4716.6	3067.3	-1756.8	-13005.4	19998.6
	204	-32146.9	-4716.6	-3067.3	1756.8	0.0	0.0
80	104	35962.9	5343.2	2915.0	-673.6	-12359.8	22655.4
	204	-32146.9	-5343.2	-2915.0	673.6	0.0	0.0

81	104	35962.9	4520.6	159.4	-2138.0	-676.0	19167.4
	204	-32146.9	-4520.6	-159.4	2138.0	0.0	0.0
82	104	35962.9	5147.2	7.2	-1054.8	-30.4	21824.2
	204	-32146.9	-5147.2	-7.2	1054.8	0.0	0.0
83	104	35962.9	5341.9	386.9	626.6	-1640.3	22649.5
	204	-32146.9	-5341.9	-386.9	-626.6	0.0	0.0
84	104	35962.9	5968.5	234.6	1709.7	-994.7	25306.2
	204	-32146.9	-5968.5	-234.6	-1709.7	0.0	0.0
85	104	35962.9	5145.8	-2521.0	245.4	10689.1	21818.3
	204	-32146.9	-5145.8	2521.0	-245.4	0.0	0.0
86	104	35962.9	5772.4	-2673.3	1328.5	11334.7	24475.1
	204	-32146.9	-5772.4	2673.3	-1328.5	0.0	0.0
1	5	148085.0	-9.7	-33.4	0.0	-495.1	-15.6
	105	-142983.8	9.7	33.4	0.0	640.8	-26.9
2	5	148085.0	190.2	90.6	0.0	1342.3	304.1
	105	-142983.8	-190.2	-90.6	0.0	-1737.4	525.3
3	5	148085.0	43.6	8.7	0.0	128.7	-3019.2
	105	-142983.8	-43.6	-8.7	0.0	-166.6	3209.3
4	5	148085.0	73.5	-15.7	0.0	-232.9	3206.4
	105	-142983.8	-73.5	15.7	0.0	301.4	-2885.8
5	5	137900.6	-16.2	-55.7	0.0	-825.2	-25.9
	105	-132799.4	16.2	55.7	0.0	1068.1	-44.8
6	5	137900.6	317.0	151.0	0.0	2237.1	506.8
	105	-132799.4	-317.0	-151.0	0.0	-2895.7	875.5
7	5	137900.6	72.7	14.5	0.0	214.5	-5032.0
	105	-132799.4	-72.7	-14.5	0.0	-277.6	5348.8
8	5	137900.6	122.6	-26.2	0.0	-388.2	5344.1
	105	-132799.4	-122.6	26.2	0.0	502.4	-4809.7
9	5	93375.9	1253.8	8311.8	0.0	-29453.3	-1985.9
	105	-89451.9	-1253.8	-8311.8	0.0	26818.8	20840.7
10	5	93375.8	1022.7	8551.5	0.0	-24812.5	-3408.4
	105	-89451.8	-1022.7	-8551.5	0.0	22659.9	18437.5
11	5	93375.8	7040.5	8385.6	0.0	-30134.2	15748.2
	105	-89451.8	-7040.5	-8385.6	0.0	27435.7	4538.1
12	5	93375.8	6809.4	8625.3	0.0	-25493.4	14325.7
	105	-89451.8	-6809.4	-8625.3	0.0	23276.8	2134.9
13	5	93375.7	-11184.4	8155.6	0.0	-27414.5	-21624.1
	105	-89451.7	11184.4	-8155.6	0.0	24092.6	-13982.8
14	5	93375.6	-11415.5	8395.3	0.0	-22773.6	-23046.5
	105	-89451.6	11415.5	-8395.3	0.0	19933.7	-16386.0
15	5	93375.6	-5397.7	8229.3	0.0	-28095.4	-3890.0
	105	-89451.6	5397.7	-8229.3	0.0	24709.5	-30285.4
16	5	93375.6	-5628.8	8469.0	0.0	-23454.6	-5312.4
	105	-89451.6	5628.8	-8469.0	0.0	20550.5	-32688.6
17	5	93372.5	5628.8	-8469.0	0.0	23454.6	5312.4
	105	-89448.5	-5628.8	8469.0	0.0	-20550.5	32688.6
18	5	93372.4	5397.7	-8229.3	0.0	28095.4	3890.0
	105	-89448.4	-5397.7	8229.3	0.0	-24709.5	30285.4
19	5	93372.4	11415.5	-8395.3	0.0	22773.6	23046.5
	105	-89448.4	-11415.5	8395.3	0.0	-19933.7	16386.0
20	5	93372.4	11184.4	-8155.6	0.0	27414.5	21624.1
	105	-89448.4	-11184.4	8155.6	0.0	-24092.6	13982.8
21	5	93372.3	-6809.4	-8625.3	0.0	25493.4	-14325.7
	105	-89448.3	6809.4	8625.3	0.0	-23276.8	-2134.9
22	5	93372.3	-7040.5	-8385.6	0.0	30134.2	-15748.2
	105	-89448.3	7040.5	8385.6	0.0	-27435.7	-4538.1
23	5	93372.3	-1022.7	-8551.5	0.0	24812.5	3408.4
	105	-89448.3	1022.7	8551.5	0.0	-22659.9	-18437.5
24	5	93372.2	-1253.8	-8311.8	0.0	29453.3	1985.9
	105	-89448.2	1253.8	8311.8	0.0	-26818.8	-20840.7
25	5	93374.7	-8049.9	2018.1	0.0	-14841.9	-25335.1
	105	-89450.7	8049.9	-2018.1	0.0	13417.8	34622.6
26	5	93374.7	-11781.4	1971.2	0.0	-14230.2	-31226.5
	105	-89450.7	11781.4	-1971.2	0.0	12599.9	24175.6

27	5	93373.7	-6737.4	-3016.1	0.0	1030.5	-23145.6
	105	-89449.7	6737.4	3016.1	0.0	-793.0	38177.0
28	5	93373.7	-10468.9	-3063.0	0.0	1642.1	-29037.0
	105	-89449.7	10468.9	3063.0	0.0	-1610.9	27730.0
29	5	93374.5	-8820.2	2817.1	0.0	627.6	-30076.6
	105	-89450.5	8820.2	-2817.1	0.0	-445.4	26611.9
30	5	93374.5	-12551.6	2770.3	0.0	1239.3	-35968.1
	105	-89450.5	12551.6	-2770.3	0.0	-1263.2	16164.9
31	5	93373.5	-7507.7	-2217.1	0.0	16500.0	-27887.1
	105	-89449.5	7507.7	2217.1	0.0	-14656.2	30166.3
32	5	93373.5	-11239.1	-2264.0	0.0	17111.6	-33778.6
	105	-89449.5	11239.1	2264.0	0.0	-15474.1	19719.3
33	5	93374.6	11239.1	2264.0	0.0	-17111.6	33778.6
	105	-89450.6	-11239.1	-2264.0	0.0	15474.0	-19719.3
34	5	93374.5	7507.7	2217.1	0.0	-16500.0	27887.1
	105	-89450.5	-7507.7	-2217.1	0.0	14656.2	-30166.3
35	5	93373.6	12551.6	-2770.3	0.0	-1239.3	35968.1
	105	-89449.6	-12551.6	2770.3	0.0	1263.2	-16164.9
36	5	93373.5	8820.2	-2817.1	0.0	-627.6	30076.6
	105	-89449.5	-8820.2	2817.1	0.0	445.4	-26611.9
37	5	93374.4	10468.9	3063.0	0.0	-1642.1	29037.0
	105	-89450.4	-10468.9	-3063.0	0.0	1610.9	-27729.9
38	5	93374.3	6737.4	3016.1	0.0	-1030.5	23145.6
	105	-89450.3	-6737.4	-3016.1	0.0	793.0	-38177.0
39	5	93373.4	11781.4	-1971.2	0.0	14230.2	31226.5
	105	-89449.4	-11781.4	1971.2	0.0	-12599.9	-24175.6
40	5	93373.3	8049.9	-2018.1	0.0	14841.9	25335.1
	105	-89449.3	-8049.9	2018.1	0.0	-13417.8	-34622.6
41	5	107929.5	-6.5	-22.3	0.0	-330.1	-10.4
	105	-104005.5	6.5	22.3	0.0	427.2	-17.9
42	5	107929.5	126.8	60.4	0.0	894.8	202.7
	105	-104005.5	-126.8	-60.4	0.0	-1158.3	350.2
43	5	107929.5	29.1	5.8	0.0	85.8	-2012.8
	105	-104005.5	-29.1	-5.8	0.0	-111.0	2139.5
44	5	107929.5	49.0	-10.5	0.0	-155.3	2137.6
	105	-104005.5	-49.0	10.5	0.0	201.0	-1923.9
45	5	101139.8	-10.8	-37.1	0.0	-550.1	-17.3
	105	-97215.8	10.8	37.1	0.0	712.0	-29.9
46	5	101139.8	211.4	100.7	0.0	1491.4	337.9
	105	-97215.8	-211.4	-100.7	0.0	-1930.4	583.7
47	5	101139.8	48.4	9.7	0.0	143.0	-3354.6
	105	-97215.8	-48.4	-9.7	0.0	-185.1	3565.9
48	5	101139.8	81.7	-17.5	0.0	-258.8	3562.7
	105	-97215.8	-81.7	17.5	0.0	334.9	-3206.4
49	5	96870.8	0.0	-0.0	0.0	-0.0	0.0
	105	-92946.8	-0.0	0.0	0.0	0.0	0.0
50	5	93374.0	-2.2	-7.4	0.0	-110.0	-3.5
	105	-89450.0	2.2	7.4	0.0	142.4	-6.0
51	5	93374.0	42.3	20.1	0.0	298.3	67.6
	105	-89450.0	-42.3	-20.1	0.0	-386.1	116.7
52	5	93374.0	9.7	1.9	0.0	28.6	-670.9
	105	-89450.0	-9.7	-1.9	0.0	-37.0	713.2
53	5	93374.0	16.3	-3.5	0.0	-51.8	712.5
	105	-89450.0	-16.3	3.5	0.0	67.0	-641.3
54	5	93374.0	0.0	-0.0	0.0	-0.0	0.0
	105	-89450.0	-0.0	0.0	0.0	0.0	0.0
55	5	93375.7	845.0	7508.9	0.0	-25414.9	-1993.2
	105	-89451.7	-845.0	-7508.9	0.0	23096.6	17437.5
56	5	93375.6	664.8	7717.4	0.0	-21581.1	-3120.6
	105	-89451.6	-664.8	-7717.4	0.0	19661.2	3422.3
57	5	93375.6	5991.2	7580.2	0.0	-25971.9	13310.6
	105	-89451.6	-5991.2	-7580.2	0.0	23601.6	15540.5
58	5	93375.6	5810.9	7788.6	0.0	-22138.2	12183.2
	105	-89451.6	-5810.9	-7788.6	0.0	20166.2	1525.4
59	5	93375.5	-9420.0	7364.5	0.0	-23757.2	-18203.2

	105	-89451.5	9420.0	-7364.5	0.0	20927.0	-11299.5
60	5	93375.5	-9600.3	7573.0	0.0	-19923.5	-19330.6
	105	-89451.5	9600.3	-7573.0	0.0	17491.6	-25314.7
61	5	93375.5	-4273.8	7435.8	0.0	-24314.3	-2899.4
	105	-89451.5	4273.8	-7435.8	0.0	21432.0	-13196.4
62	5	93375.4	-4454.1	7644.2	0.0	-20480.6	-4026.8
	105	-89451.4	4454.1	-7644.2	0.0	17996.6	-27211.6
63	5	93372.6	4454.1	-7644.2	0.0	20480.6	4026.8
	105	-89448.6	-4454.1	7644.2	0.0	-17996.6	27211.6
64	5	93372.6	4273.8	-7435.8	0.0	24314.3	2899.4
	105	-89448.6	-4273.8	7435.8	0.0	-21432.0	13196.5
65	5	93372.6	9600.3	-7573.0	0.0	19923.5	19330.6
	105	-89448.6	-9600.3	7573.0	0.0	-17491.6	25314.7
66	5	93372.5	9420.0	-7364.5	0.0	23757.2	18203.2
	105	-89448.5	-9420.0	7364.5	0.0	-20927.0	11299.5
67	5	93372.5	-5810.9	-7788.6	0.0	22138.2	-12183.2
	105	-89448.5	5810.9	7788.6	0.0	-20166.2	-1525.4
68	5	93372.4	-5991.2	-7580.2	0.0	25971.9	-13310.6
	105	-89448.4	5991.2	7580.2	0.0	-23601.6	-15540.5
69	5	93372.5	-664.8	-7717.4	0.0	21581.1	3120.6
	105	-89448.5	664.8	7717.4	0.0	-19661.2	-3422.3
70	5	93372.4	-845.0	-7508.9	0.0	25414.9	1993.2
	105	-89448.4	845.0	7508.9	0.0	-23096.6	-17437.5
71	5	93374.7	-7278.1	1828.4	0.0	-12594.0	-22098.9
	105	-89450.7	7278.1	-1828.4	0.0	11373.4	29364.6
72	5	93374.6	-10357.6	1785.1	0.0	-12096.7	-26961.9
	105	-89450.6	10357.6	-1785.1	0.0	10722.5	20743.5
73	5	93373.8	-6195.4	-2717.5	0.0	1174.6	-20292.9
	105	-89449.8	6195.4	2717.5	0.0	-954.5	32296.9
74	5	93373.7	-9274.9	-2760.8	0.0	1671.9	-25155.9
	105	-89449.7	9274.9	2760.8	0.0	-1605.4	23675.8
75	5	93374.5	-7879.0	2523.3	0.0	185.1	-25856.8
	105	-89450.5	7879.0	-2523.3	0.0	-77.9	-17352.7
76	5	93374.4	-10958.5	2480.0	0.0	682.4	-30719.8
	105	-89450.4	10958.5	-2480.0	0.0	-728.8	-25973.8
77	5	93373.6	-6796.3	-2022.6	0.0	13953.7	-24050.8
	105	-89449.6	6796.3	2022.6	0.0	-12405.8	-14420.4
78	5	93373.5	-9875.8	-2065.9	0.0	14451.0	-28913.8
	105	-89449.5	9875.8	2065.9	0.0	-13056.7	-23041.5
79	5	93374.5	9875.8	2065.9	0.0	-14451.0	28913.8
	105	-89450.5	-9875.8	-2065.9	0.0	13056.7	23041.5
80	5	93374.5	6796.3	2022.6	0.0	-13953.7	24050.8
	105	-89450.5	-6796.3	-2022.6	0.0	12405.8	14420.4
81	5	93373.6	10958.5	-2480.0	0.0	-682.4	30719.8
	105	-89449.6	-10958.5	2480.0	0.0	728.8	25973.8
82	5	93373.6	7879.0	-2523.3	0.0	-185.1	25856.8
	105	-89449.6	-7879.0	2523.3	0.0	77.9	17352.7
83	5	93374.4	9274.9	2760.8	0.0	-1671.9	25155.9
	105	-89450.4	-9274.9	-2760.8	0.0	1605.4	-23675.8
84	5	93374.3	6195.4	2717.5	0.0	-1174.6	20292.9
	105	-89450.3	-6195.4	-2717.5	0.0	954.5	-32296.9
85	5	93373.4	10357.6	-1785.1	0.0	12096.7	26961.9
	105	-89449.4	-10357.6	1785.1	0.0	-10722.5	-20743.5
86	5	93373.4	7278.1	-1828.4	0.0	12594.0	22098.9
	105	-89449.4	-7278.1	1828.4	0.0	-11373.4	-29364.6
1	105	60429.4	6.4	151.1	3.5	-640.8	26.9
	205	-55468.6	-6.4	-151.1	-3.5	0.0	0.0
2	105	60429.4	-124.1	-409.8	-67.8	1737.4	-526.3
	205	-55468.6	124.1	409.8	67.8	0.0	0.0
3	105	60429.4	-756.7	-39.3	51.6	166.6	-3208.5
	205	-55468.6	756.7	39.3	-51.6	0.0	0.0
4	105	60429.4	680.3	71.1	-93.3	-301.4	2884.4
	205	-55468.6	-680.3	-71.1	93.3	0.0	0.0
5	105	54637.9	10.6	251.9	5.8	-1068.1	44.9

	205	-49677.1	-10.6	-251.9	-5.8	0.0	0.0
6	105	54637.9	-206.9	-682.9	-113.0	2895.7	-877.2
	205	-49677.1	206.9	682.9	113.0	0.0	0.0
7	105	54637.9	-1261.2	-65.5	85.9	277.6	-5347.5
	205	-49677.1	1261.2	65.5	-85.9	0.0	0.0
8	105	54637.9	1133.8	118.5	-155.5	-502.4	4807.3
	205	-49677.1	-1133.8	-118.5	155.5	0.0	0.0
9	105	36536.5	-4921.2	6317.2	-1773.2	-26784.7	-20865.7
	205	-32720.5	4921.2	-6317.2	1773.2	0.0	0.0
10	105	36536.4	-4353.7	5343.7	-906.6	-22657.2	-18459.8
	205	-32720.4	4353.7	-5343.7	906.6	0.0	0.0
11	105	36536.4	-1075.2	6461.6	-1928.9	-27397.1	-4558.8
	205	-32720.4	1075.2	-6461.6	1928.9	0.0	0.0
12	105	36536.4	-507.8	5488.1	-1062.3	-23269.6	-2153.0
	205	-32720.4	507.8	-5488.1	1062.3	0.0	0.0
13	105	36536.3	3307.6	5679.3	2602.4	-24080.1	14024.3
	205	-32720.3	-3307.6	-5679.3	-2602.4	0.0	0.0
14	105	36536.3	3875.0	4705.8	3469.0	-19952.6	16430.2
	205	-32720.3	-3875.0	-4705.8	-3469.0	0.0	0.0
15	105	36536.3	7153.6	5823.7	2446.6	-24692.5	30331.2
	205	-32720.3	-7153.6	-5823.7	-2446.6	0.0	0.0
16	105	36536.2	7721.0	4850.2	3313.2	-20565.0	32737.0
	205	-32720.2	-7721.0	-4850.2	-3313.2	0.0	0.0
17	105	36533.2	-7721.0	-4850.2	-3313.2	20565.0	-32737.0
	205	-32717.2	7721.0	4850.2	3313.2	0.0	0.0
18	105	36533.1	-7153.6	-5823.7	-2446.6	24692.5	-30331.2
	205	-32717.1	7153.6	5823.7	2446.6	0.0	0.0
19	105	36533.1	-3875.0	-4705.8	-3469.0	19952.6	-16430.2
	205	-32717.1	3875.0	4705.8	3469.0	0.0	0.0
20	105	36533.1	-3307.6	-5679.3	-2602.4	24080.1	-14024.3
	205	-32717.1	3307.6	5679.3	2602.4	0.0	0.0
21	105	36533.0	507.8	-5488.1	1062.3	23269.6	2153.0
	205	-32717.0	-507.8	5488.1	-1062.3	0.0	0.0
22	105	36532.9	1075.2	-6461.6	1928.9	27397.1	4558.8
	205	-32717.0	-1075.2	6461.6	-1928.9	0.0	0.0
23	105	36533.0	4353.7	-5343.7	906.6	22657.2	18459.8
	205	-32717.0	-4353.7	5343.7	-906.6	0.0	0.0
24	105	36532.9	4921.2	-6317.2	1773.2	26784.7	20865.7
	205	-32716.9	-4921.2	6317.2	-1773.2	0.0	0.0
25	105	36535.4	-8170.0	3152.5	-1610.1	-13366.7	-34640.6
	205	-32719.4	8170.0	-3152.5	1610.1	0.0	0.0
26	105	36535.3	-5701.3	2961.1	-297.5	-12555.3	-24173.6
	205	-32719.3	5701.3	-2961.1	297.5	0.0	0.0
27	105	36534.4	-9009.9	-197.7	-2072.1	838.2	-38202.0
	205	-32718.4	9009.9	197.7	2072.1	0.0	0.0
28	105	36534.3	-6541.3	-389.1	-759.5	1649.6	-27735.0
	205	-32718.3	6541.3	389.1	759.5	0.0	0.0
29	105	36535.2	-6278.6	-92.4	1278.6	391.7	-26621.2
	205	-32719.2	6278.6	92.4	-1278.6	0.0	0.0
30	105	36535.1	-3809.9	-283.7	2591.2	1203.1	-16154.2
	205	-32719.1	3809.9	283.7	-2591.2	0.0	0.0
31	105	36534.2	-7118.5	-3442.6	816.5	14596.6	-30182.6
	205	-32718.2	7118.5	3442.6	-816.5	0.0	0.0
32	105	36534.1	-4649.9	-3634.0	2129.2	15408.0	-19715.6
	205	-32718.1	4649.9	3634.0	-2129.2	0.0	0.0
33	105	36535.3	4649.9	3634.0	-2129.2	-15408.0	19715.6
	205	-32719.3	-4649.9	-3634.0	2129.2	0.0	0.0
34	105	36535.2	7118.5	3442.6	-816.5	-14596.6	30182.6
	205	-32719.2	-7118.5	-3442.6	816.5	0.0	0.0
35	105	36534.3	3809.9	283.7	-2591.2	-1203.1	16154.2
	205	-32718.3	-3809.9	-283.7	2591.2	0.0	0.0
36	105	36534.2	6278.6	92.4	-1278.6	-391.7	26621.2
	205	-32718.2	-6278.6	-92.4	1278.6	0.0	0.0
37	105	36535.0	6541.3	389.1	759.5	-1649.6	27735.0
	205	-32719.1	-6541.3	-389.1	-759.5	0.0	0.0

38	105	36535.0	9009.9	197.7	2072.1	-838.2	38202.0
	205	-32719.0	-9009.9	-197.7	-2072.1	0.0	0.0
39	105	36534.1	5701.3	-2961.1	297.5	12555.3	24173.6
	205	-32718.1	-5701.3	2961.1	-297.5	0.0	0.0
40	105	36534.0	8170.0	-3152.5	1610.1	13366.7	34640.6
	205	-32718.0	-8170.0	3152.5	-1610.1	0.0	0.0
41	105	44256.7	4.2	100.8	2.3	-427.2	18.0
	205	-40440.7	-4.2	-100.8	-2.3	0.0	0.0
42	105	44256.7	-82.8	-273.2	-45.2	1158.3	-350.9
	205	-40440.7	82.8	273.2	45.2	0.0	0.0
43	105	44256.7	-504.5	-26.2	34.4	111.0	-2139.0
	205	-40440.7	504.5	26.2	-34.4	0.0	0.0
44	105	44256.7	453.5	47.4	-62.2	-201.0	1922.9
	205	-40440.7	-453.5	-47.4	62.2	0.0	0.0
45	105	40395.7	7.1	167.9	3.9	-712.0	29.9
	205	-36579.7	-7.1	-167.9	-3.9	0.0	0.0
46	105	40395.7	-137.9	-455.3	-75.3	1930.4	-584.8
	205	-36579.7	137.9	455.3	75.3	0.0	0.0
47	105	40395.7	-840.8	-43.6	57.3	185.1	-3565.0
	205	-36579.7	840.8	43.6	-57.3	0.0	0.0
48	105	40395.7	755.9	79.0	-103.7	-334.9	3204.9
	205	-36579.7	-755.9	-79.0	103.7	0.0	0.0
49	105	38079.1	-0.0	-0.0	-0.0	0.0	-0.0
	205	-34263.1	0.0	0.0	0.0	0.0	0.0
50	105	36534.7	1.4	33.6	0.8	-142.4	6.0
	205	-32718.7	-1.4	-33.6	-0.8	0.0	0.0
51	105	36534.7	-27.6	-91.1	-15.1	386.1	-117.0
	205	-32718.7	27.6	91.1	15.1	0.0	0.0
52	105	36534.7	-168.2	-8.7	11.5	37.0	-713.0
	205	-32718.7	168.2	8.7	-11.5	0.0	0.0
53	105	36534.7	151.2	15.8	-20.7	-67.0	641.0
	205	-32718.7	-151.2	-15.8	20.7	0.0	0.0
54	105	36534.7	-0.0	-0.0	-0.0	0.0	-0.0
	205	-32718.7	0.0	0.0	0.0	0.0	0.0
55	105	36536.3	-4117.5	5443.2	-1463.2	-23079.1	-17458.0
	205	-32720.3	4117.5	-5443.2	1463.2	0.0	0.0
56	105	36536.3	-811.2	4639.0	-748.2	-19669.5	-3439.4
	205	-32720.3	811.2	-4639.0	748.2	0.0	0.0
57	105	36536.3	-3669.6	5561.4	-1591.7	-23580.3	-15559.0
	205	-32720.3	3669.6	-5561.4	1591.7	0.0	0.0
58	105	36536.2	-363.3	4757.3	-876.7	-20170.8	-1540.4
	205	-32720.2	363.3	-4757.3	876.7	0.0	0.0
59	105	36536.2	2673.1	4935.6	2147.3	-20927.1	11333.9
	205	-32720.2	-2673.1	-4935.6	-2147.3	0.0	0.0
60	105	36536.1	5979.4	4131.5	2862.3	-17517.5	25352.5
	205	-32720.1	-5979.4	-4131.5	-2862.3	0.0	0.0
61	105	36536.1	3121.0	5053.8	2018.8	-21428.3	13232.9
	205	-32720.1	-3121.0	-5053.8	-2018.8	0.0	0.0
62	105	36536.1	6427.2	4249.7	2733.8	-18018.7	27251.5
	205	-32720.1	-6427.2	-4249.7	-2733.8	0.0	0.0
63	105	36533.3	-6427.2	-4249.7	-2733.8	18018.8	-27251.5
	205	-32717.3	6427.2	4249.7	2733.8	0.0	0.0
64	105	36533.3	-3121.0	-5053.8	-2018.8	21428.3	-13232.9
	205	-32717.3	3121.0	5053.8	2018.8	0.0	0.0
65	105	36533.3	-5979.4	-4131.5	-2862.3	17517.5	-25352.5
	205	-32717.3	5979.4	4131.5	2862.3	0.0	0.0
66	105	36533.2	-2673.1	-4935.6	-2147.3	20927.1	-11333.9
	205	-32717.2	2673.1	4935.6	2147.3	0.0	0.0
67	105	36533.2	363.3	-4757.3	876.7	20170.8	1540.4
	205	-32717.2	-363.3	4757.3	-876.7	0.0	0.0
68	105	36533.1	3669.6	-5561.4	1591.7	23580.3	15559.0
	205	-32717.1	-3669.6	5561.4	-1591.7	0.0	0.0
69	105	36533.1	811.2	-4639.0	748.2	19669.5	3439.4
	205	-32717.1	-811.2	4639.0	-748.2	0.0	0.0
70	105	36533.1	4117.5	-5443.2	1463.2	23079.1	17458.0

	205	-32717.1	-4117.5	5443.2	-1463.2	0.0	0.0
71	105	36535.3	-6929.0	2673.3	-1328.5	-11334.7	-29379.1
	205	-32719.3	6929.0	-2673.3	1328.5	0.0	0.0
72	105	36535.3	-4891.9	2521.0	-245.4	-10689.1	-20741.6
	205	-32719.3	4891.9	-2521.0	245.4	0.0	0.0
73	105	36534.4	-7622.0	-234.6	-1709.7	994.7	-32317.2
	205	-32718.4	7622.0	234.6	1709.7	0.0	0.0
74	105	36534.4	-5584.8	-386.9	-626.6	1640.3	-23679.6
	205	-32718.4	5584.8	386.9	626.6	0.0	0.0
75	105	36535.1	4091.9	-7.2	1054.8	30.4	17349.5
	205	-32719.1	-4091.9	7.2	-1054.8	0.0	0.0
76	105	36535.1	6129.0	-159.4	2138.0	676.0	25987.0
	205	-32719.1	-6129.0	159.4	-2138.0	0.0	0.0
77	105	36534.2	3398.9	-2915.0	673.6	12359.8	14411.4
	205	-32718.2	-3398.9	2915.0	-673.6	0.0	0.0
78	105	36534.2	5436.1	-3067.3	1756.8	13005.4	23049.0
	205	-32718.2	-5436.1	3067.3	-1756.8	0.0	0.0
79	105	36535.2	-5436.1	3067.3	-1756.8	-13005.4	-23049.0
	205	-32719.2	5436.1	-3067.3	1756.8	0.0	0.0
80	105	36535.1	-3398.9	2915.0	-673.6	-12359.8	-14411.4
	205	-32719.2	3398.9	-2915.0	673.6	0.0	0.0
81	105	36534.3	-6129.0	159.4	-2138.0	-676.0	-25987.0
	205	-32718.3	6129.0	-159.4	2138.0	0.0	0.0
82	105	36534.3	-4091.9	7.2	-1054.8	-30.4	-17349.5
	205	-32718.3	4091.9	-7.2	1054.8	0.0	0.0
83	105	36535.0	5584.8	386.9	626.6	-1640.3	23679.6
	205	-32719.0	-5584.8	-386.9	-626.6	0.0	0.0
84	105	36535.0	7622.0	234.6	1709.7	-994.7	32317.2
	205	-32719.0	-7622.0	-234.6	-1709.7	0.0	0.0
85	105	36534.1	4891.9	-2521.0	245.4	10689.1	20741.6
	205	-32718.1	-4891.9	2521.0	-245.4	0.0	0.0
86	105	36534.1	6929.0	-2673.3	1328.5	11334.7	29379.1
	205	-32718.1	-6929.0	2673.3	-1328.5	0.0	0.0
1	6	79503.4	-16.0	3160.5	0.0	-5031.5	-24.5
	106	-74402.1	16.0	-3160.5	0.0	-8748.3	-45.4
2	6	79503.4	313.6	3284.6	0.0	-3194.1	479.4
	106	-74402.1	-313.6	-3284.6	0.0	-11126.6	888.1
3	6	79503.4	-50.2	3202.6	0.0	-4407.7	-3152.5
	106	-74402.1	50.2	-3202.6	0.0	-9555.7	2933.4
4	6	79503.4	243.4	3178.2	0.0	-4769.2	3447.7
	106	-74402.1	-243.4	-3178.2	0.0	-9087.7	-2386.5
5	6	74739.4	-26.7	2968.8	0.0	-5120.9	-40.9
	106	-69638.2	26.7	-2968.8	0.0	-7823.2	-75.7
6	6	74739.4	522.7	3175.6	0.0	-2058.7	799.0
	106	-69638.2	-522.7	-3175.6	0.0	-11786.9	1480.2
7	6	74739.4	-83.7	3039.0	0.0	-4081.3	-5254.1
	106	-69638.2	83.7	-3039.0	0.0	-9168.8	4889.1
8	6	74739.4	405.6	2998.3	0.0	-4683.9	5746.1
	106	-69638.2	-405.6	-2998.3	0.0	-8388.8	-3977.6
9	6	51259.8	3550.7	10368.8	0.0	-32384.5	1809.4
	106	-47335.8	-3550.7	-10368.8	0.0	20786.9	29726.3
10	6	51298.6	3051.5	10610.5	0.0	-27739.3	-609.5
	106	-47374.6	-3051.5	-10610.5	0.0	16636.8	11326.7
11	6	51255.0	10168.0	10441.7	0.0	-33066.0	20225.6
	106	-47331.0	-10168.0	-10441.7	0.0	21402.6	26793.5
12	6	51293.8	9668.8	10683.4	0.0	-28420.8	17806.7
	106	-47369.8	-9668.8	-10683.4	0.0	17252.4	8393.9
13	6	51270.1	-16847.4	10212.6	0.0	-30344.3	-29072.9
	106	-47346.1	16847.4	-10212.6	0.0	18066.7	-28471.1
14	6	51309.0	-17346.6	10454.4	0.0	-25699.1	-31491.8
	106	-47385.0	17346.6	-10454.4	0.0	13916.6	-46870.7
15	6	51265.3	-10230.1	10285.5	0.0	-31025.8	-10656.6
	106	-47341.3	10230.1	-10285.5	0.0	18682.4	-31403.9
16	6	51304.2	-10729.3	10527.3	0.0	-26380.5	-13075.5

	106	-47380.2	10729.3	-10527.3	0.0	14532.2	-49803.5
17	6	51598.9	10729.3	-6430.1	0.0	20561.3	13075.5
	106	-47674.9	-10729.3	6430.1	0.0	-26576.7	49803.5
18	6	51637.8	10230.1	-6188.4	0.0	25206.5	10656.6
	106	-47713.8	-10230.1	6188.4	0.0	-30726.9	31403.9
19	6	51594.1	17346.6	-6357.2	0.0	19879.8	31491.8
	106	-47670.1	-17346.6	6357.2	0.0	-25961.1	46870.7
20	6	51633.0	16847.4	-6115.4	0.0	24525.0	29072.9
	106	-47709.0	-16847.4	6115.4	0.0	-30111.2	28471.2
21	6	51609.3	-9668.8	-6586.2	0.0	22601.5	-17806.7
	106	-47685.3	9668.8	6586.2	0.0	-29296.9	-8393.9
22	6	51648.1	-10168.0	-6344.5	0.0	27246.7	-20225.6
	106	-47724.1	10168.0	6344.5	0.0	-33447.1	-26793.5
23	6	51604.5	-3051.5	-6513.3	0.0	21920.0	609.5
	106	-47680.5	3051.5	6513.3	0.0	-28681.3	-11326.7
24	6	51643.3	-3550.7	-6271.6	0.0	26565.2	-1809.4
	106	-47719.3	3550.7	6271.6	0.0	-32831.4	-29726.3
25	6	51342.3	-8213.8	4067.5	0.0	-17763.8	-23719.9
	106	-47418.3	8213.8	-4067.5	0.0	7381.2	41272.0
26	6	51345.4	-14333.3	4020.6	0.0	-17151.7	-32984.6
	106	-47421.4	14333.3	-4020.6	0.0	6565.1	23812.8
27	6	51444.1	-6060.2	-972.2	0.0	-1880.1	-20340.0
	106	-47520.1	6060.2	972.2	0.0	-6827.9	47295.2
28	6	51447.2	-12179.7	-1019.0	0.0	-1268.0	-29604.7
	106	-47523.2	12179.7	1019.0	0.0	-7644.0	29835.9
29	6	51471.9	-9878.0	4873.2	0.0	-2279.7	-31782.8
	106	-47547.9	9878.0	-4873.2	0.0	-6452.6	-20059.9
30	6	51475.0	-15997.5	4826.4	0.0	-1667.7	-41047.5
	106	-47551.0	15997.5	-4826.4	0.0	-7268.7	-37519.2
31	6	51573.6	-7724.4	-166.5	0.0	13604.0	-28403.0
	106	-47649.6	7724.4	166.5	0.0	-20661.7	-14036.8
32	6	51576.7	-13843.9	-213.3	0.0	14216.1	-37667.7
	106	-47652.7	13843.9	213.3	0.0	-21477.8	-31496.0
33	6	51326.4	13843.9	4310.5	0.0	-20035.3	37667.7
	106	-47402.4	-13843.9	-4310.5	0.0	9433.3	31496.0
34	6	51329.5	7724.5	4263.7	0.0	-19423.3	28403.0
	106	-47405.5	-7724.5	-4263.7	0.0	8617.2	14036.8
35	6	51428.1	15997.5	-729.2	0.0	-4151.6	41047.5
	106	-47504.1	-15997.5	729.2	0.0	-4775.8	37519.2
36	6	51431.2	9878.0	-776.0	0.0	-3539.5	31782.9
	106	-47507.2	-9878.0	776.0	0.0	-5591.9	20059.9
37	6	51455.9	12179.7	5116.2	0.0	-4551.3	29604.7
	106	-47531.9	-12179.7	-5116.2	0.0	-4400.5	-29835.9
38	6	51459.0	6060.2	5069.4	0.0	-3939.2	20340.0
	106	-47535.0	-6060.2	-5069.4	0.0	-5216.6	-47295.1
39	6	51557.7	14333.3	76.6	0.0	11332.5	32984.6
	106	-47633.7	-14333.3	-76.6	0.0	-18609.6	-23812.7
40	6	51560.8	8213.8	29.7	0.0	11944.5	23719.9
	106	-47636.8	-8213.8	-29.7	0.0	-19425.7	-41272.0
41	6	58291.6	-10.7	2289.8	0.0	-3613.9	-16.4
	106	-54367.6	10.7	-2289.8	0.0	-6369.6	-30.3
42	6	58291.6	209.1	2372.5	0.0	-2389.0	319.6
	106	-54367.6	-209.1	-2372.5	0.0	-7955.1	592.1
43	6	58291.6	-33.5	2317.9	0.0	-3198.1	-2101.6
	106	-54367.6	33.5	-2317.9	0.0	-6907.9	1955.6
44	6	58291.6	162.2	2301.6	0.0	-3439.1	2298.4
	106	-54367.6	-162.2	-2301.6	0.0	-6595.9	-1591.0
45	6	55115.6	-17.8	2162.0	0.0	-3673.6	-27.3
	106	-51191.6	17.8	-2162.0	0.0	-5752.8	-50.5
46	6	55115.6	348.5	2299.9	0.0	-1632.1	532.6
	106	-51191.6	-348.5	-2299.9	0.0	-8395.3	986.8
47	6	55115.6	-55.8	2208.8	0.0	-2980.5	-3502.7
	106	-51191.6	55.8	-2208.8	0.0	-6649.9	3259.4
48	6	55115.6	270.4	2181.7	0.0	-3382.3	3830.7
	106	-51191.6	-270.4	-2181.7	0.0	-6129.9	-2651.7

49	6	53112.4	0.0	2123.9	0.0	-3016.6	0.0
	106	-49188.4	-0.0	-2123.9	0.0	-6243.6	0.0
50	6	51451.5	-3.6	2041.2	0.0	-3019.7	-5.5
	106	-47527.5	3.6	-2041.2	0.0	-5879.8	-10.1
51	6	51451.5	69.7	2068.7	0.0	-2611.4	106.5
	106	-47527.5	-69.7	-2068.7	0.0	-6408.3	197.4
52	6	51451.5	-11.2	2050.5	0.0	-2881.0	-700.5
	106	-47527.5	11.2	-2050.5	0.0	-6059.3	651.9
53	6	51451.5	54.1	2045.1	0.0	-2961.4	766.1
	106	-47527.5	-54.1	-2045.1	0.0	-5955.3	-530.3
54	6	51451.5	0.0	2048.6	0.0	-2909.6	0.0
	106	-47527.5	-0.0	-2048.6	0.0	-6022.3	0.0
55	6	51288.1	2757.8	9565.1	0.0	-28342.9	1132.4
	106	-47364.1	-2757.8	-9565.1	0.0	17069.4	24738.6
56	6	51320.2	2365.1	9775.2	0.0	-24505.5	-787.5
	106	-47396.2	-2365.1	-9775.2	0.0	13641.2	9055.6
57	6	51284.1	8545.3	9635.6	0.0	-28900.4	16979.8
	106	-47360.1	-8545.3	-9635.6	0.0	17573.3	22404.1
58	6	51316.2	8152.6	9845.7	0.0	-25063.1	15059.9
	106	-47392.2	-8152.6	-9845.7	0.0	14145.1	6721.0
59	6	51296.6	-14074.8	9420.7	0.0	-26684.1	-24353.7
	106	-47372.6	14074.8	-9420.7	0.0	14904.7	-23284.6
60	6	51328.7	-14467.4	9630.8	0.0	-22846.7	-26273.7
	106	-47404.7	14467.4	-9630.8	0.0	11476.5	-38967.6
61	6	51292.7	-8287.3	9491.3	0.0	-27241.6	-8506.3
	106	-47368.7	8287.3	-9491.3	0.0	15408.6	-25619.1
62	6	51324.8	-8679.9	9701.4	0.0	-23404.3	-10426.2
	106	-47400.8	8679.9	-9701.4	0.0	11980.5	-41302.1
63	6	51578.3	8679.9	-5604.2	0.0	17585.0	10426.2
	106	-47654.3	-8679.9	5604.2	0.0	-24025.0	41302.1
64	6	51610.4	8287.3	-5394.1	0.0	21422.3	8506.3
	106	-47686.4	-8287.3	5394.1	0.0	-27453.1	25619.1
65	6	51574.4	14467.4	-5533.6	0.0	17027.5	26273.7
	106	-47650.4	-14467.4	5533.6	0.0	-23521.0	38967.6
66	6	51606.5	14074.8	-5323.5	0.0	20864.8	24353.7
	106	-47682.5	-14074.8	5323.5	0.0	-26949.2	23284.6
67	6	51586.9	-8152.6	-5748.5	0.0	19243.8	-15059.9
	106	-47662.9	8152.6	5748.5	0.0	-26189.6	-6721.0
68	6	51618.9	-8545.3	-5538.4	0.0	23081.1	-16979.8
	106	-47694.9	8545.3	5538.4	0.0	-29617.8	-22404.1
69	6	51582.9	-2365.1	-5678.0	0.0	18686.3	787.5
	106	-47658.9	2365.1	5678.0	0.0	-25685.7	-9055.6
70	6	51615.0	-2757.8	-5467.9	0.0	22523.6	-1132.4
	106	-47691.0	2757.8	5467.9	0.0	-29113.9	-24738.6
71	6	51359.8	-7354.8	3877.9	0.0	-15514.0	-20783.7
	106	-47435.8	7354.8	-3877.9	0.0	5340.3	34748.2
72	6	51362.3	-12404.6	3834.6	0.0	-15016.3	-28429.5
	106	-47438.3	12404.6	-3834.6	0.0	4690.9	20341.2
73	6	51446.9	-5578.2	-672.9	0.0	-1735.6	-17995.5
	106	-47522.9	5578.2	672.9	0.0	-6988.0	39717.2
74	6	51449.4	-10627.9	-716.2	0.0	-1238.0	-25641.3
	106	-47525.4	10627.9	716.2	0.0	-7637.4	25310.3
75	6	51466.8	-8663.7	4578.3	0.0	-2722.8	-27183.4
	106	-47542.8	8663.7	-4578.3	0.0	-6086.9	-17528.5
76	6	51469.3	-13713.5	4535.0	0.0	-2225.2	-34829.2
	106	-47545.3	13713.5	-4535.0	0.0	-6736.3	-31935.5
77	6	51553.8	-6887.1	27.5	0.0	11055.5	-24395.2
	106	-47629.8	6887.1	-27.5	0.0	-18415.2	-12559.5
78	6	51556.4	-11936.8	-15.8	0.0	11553.2	-32041.1
	106	-47632.4	11936.8	15.8	0.0	-19064.6	-26966.4
79	6	51346.7	11936.9	4113.0	0.0	-17372.4	32041.1
	106	-47422.7	-11936.9	-4113.0	0.0	7020.1	26966.4
80	6	51349.3	6887.1	4069.7	0.0	-16874.8	24395.2
	106	-47425.3	-6887.1	-4069.7	0.0	6370.7	12559.5
81	6	51433.8	13713.5	-437.8	0.0	-3594.1	34829.2

	106	-47509.8	-13713.5	437.8	0.0	-5308.2	31935.5
82	6	51436.3	8663.7	-481.1	0.0	-3096.4	27183.4
	106	-47512.3	-8663.7	481.1	0.0	-5957.6	17528.6
83	6	51453.7	10627.9	4813.4	0.0	-4581.3	25641.4
	106	-47529.7	-10627.9	-4813.4	0.0	-4407.1	-25310.3
84	6	51456.2	5578.2	4770.1	0.0	-4083.6	17995.5
	106	-47532.2	-5578.2	-4770.1	0.0	-5056.5	-39717.2
85	6	51540.7	12404.6	262.6	0.0	9197.1	28429.5
	106	-47616.7	-12404.6	-262.6	0.0	-16735.4	-20341.2
86	6	51543.3	7354.8	219.3	0.0	9694.7	20783.7
	106	-47619.3	-7354.8	-219.3	0.0	-17384.8	-34748.1
1	106	33125.0	11.0	1895.6	3.5	-8037.2	46.8
	206	-28164.2	-11.0	-1895.6	-3.5	0.0	0.0
2	106	33125.0	-215.8	1334.7	-67.8	-5659.0	-915.0
	206	-28164.2	215.8	-1334.7	67.8	0.0	0.0
3	106	33125.0	-687.0	1705.1	51.6	-7229.8	-2913.0
	206	-28164.2	687.0	-1705.1	-51.6	0.0	0.0
4	106	33125.0	554.1	1815.5	-93.3	-7697.8	2349.5
	206	-28164.2	-554.1	-1815.5	93.3	0.0	0.0
5	106	30557.5	18.4	1903.8	5.8	-8072.2	78.0
	206	-25596.7	-18.4	-1903.8	-5.8	0.0	0.0
6	106	30557.5	-359.7	969.0	-113.0	-4108.5	-1525.1
	206	-25596.7	359.7	-969.0	113.0	0.0	0.0
7	106	30557.5	-1145.0	1586.4	85.9	-6726.5	-4854.9
	206	-25596.7	1145.0	-1586.4	-85.9	0.0	0.0
8	106	30557.5	923.5	1770.4	-155.5	-7506.5	3915.8
	206	-25596.7	-923.5	-1770.4	155.5	0.0	0.0
9	106	21070.7	-7168.2	7437.8	-1773.2	-31536.2	-30393.2
	206	-17254.7	7168.2	-7437.8	1773.2	0.0	0.0
10	106	21070.7	-2782.1	6462.7	-906.6	-27401.8	-11796.0
	206	-17254.7	2782.1	-6462.7	906.6	0.0	0.0
11	106	21070.7	-6473.9	7582.5	-1928.9	-32149.6	-27449.2
	206	-17254.7	6473.9	-7582.5	1928.9	0.0	0.0
12	106	21070.6	-2087.7	6607.4	-1062.3	-28015.2	-8851.9
	206	-17254.6	2087.7	-6607.4	1062.3	0.0	0.0
13	106	21070.6	6967.0	6798.8	2602.4	-28826.8	29540.2
	206	-17254.6	-6967.0	-6798.8	-2602.4	0.0	0.0
14	106	21070.5	11353.2	5823.7	3469.0	-24692.4	48137.5
	206	-17254.5	-11353.2	-5823.7	-3469.0	0.0	0.0
15	106	21070.5	7661.4	6943.4	2446.6	-29440.2	32484.3
	206	-17254.5	-7661.4	-6943.4	-2446.6	0.0	0.0
16	106	21070.5	12047.5	5968.3	3313.2	-25305.8	51081.6
	206	-17254.5	-12047.5	-5968.3	-3313.2	0.0	0.0
17	106	21069.3	-12047.5	-3730.6	-3313.2	15817.7	-51081.6
	206	-17253.3	12047.5	3730.6	3313.2	0.0	0.0
18	106	21069.2	-7661.4	-4705.7	-2446.6	19952.1	-32484.3
	206	-17253.2	7661.4	4705.7	2446.6	0.0	0.0
19	106	21069.3	-11353.2	-3585.9	-3469.0	15204.3	-48137.5
	206	-17253.3	11353.2	3585.9	3469.0	0.0	0.0
20	106	21069.2	-6967.0	-4561.0	-2602.4	19338.7	-29540.2
	206	-17253.2	6967.0	4561.0	2602.4	0.0	0.0
21	106	21069.1	2087.7	-4369.6	1062.3	18527.1	8851.9
	206	-17253.1	-2087.7	4369.6	-1062.3	0.0	0.0
22	106	21069.1	6473.9	-5344.7	1928.9	22661.5	27449.2
	206	-17253.1	-6473.9	5344.7	-1928.9	0.0	0.0
23	106	21069.1	2782.1	-4224.9	906.6	17913.7	11796.0
	206	-17253.1	-2782.1	4224.9	-906.6	0.0	0.0
24	106	21069.0	7168.2	-5200.0	1773.2	22048.1	30393.2
	206	-17253.0	-7168.2	5200.0	-1773.2	0.0	0.0
25	106	21070.3	-9855.9	4274.1	-1610.1	-18122.0	-41789.0
	206	-17254.3	9855.9	-4274.1	1610.1	0.0	0.0
26	106	21070.2	-5615.3	4082.3	-297.5	-17309.2	-23809.0
	206	-17254.2	5615.3	-4082.3	297.5	0.0	0.0
27	106	21069.8	-11319.7	923.5	-2072.1	-3915.8	-47995.5

	206	-17253.8	11319.7	-923.5	2072.1	0.0	0.0
28	106	21069.8	-7079.1	731.8	-759.5	-3103.0	-30015.5
	206	-17253.8	7079.1	-731.8	759.5	0.0	0.0
29	106	21070.1	4764.6	1023.7	1278.6	-4340.5	20201.9
	206	-17254.1	-4764.6	-1023.7	-1278.6	0.0	0.0
30	106	21070.0	9005.2	832.0	2591.2	-3527.7	38182.0
	206	-17254.0	-9005.2	-832.0	-2591.2	0.0	0.0
31	106	21069.6	3300.8	-2326.8	816.5	9865.6	13995.4
	206	-17253.6	-3300.8	2326.8	-816.5	0.0	0.0
32	106	21069.6	7541.4	-2518.5	2129.2	10678.5	31975.5
	206	-17253.6	-7541.4	2518.5	-2129.2	0.0	0.0
33	106	21070.2	-7541.4	4756.3	-2129.2	-20166.6	-31975.5
	206	-17254.2	7541.4	-4756.3	2129.2	0.0	0.0
34	106	21070.1	-3300.8	4564.6	-816.5	-19353.8	-13995.4
	206	-17254.1	3300.8	-4564.6	816.5	0.0	0.0
35	106	21069.7	-9005.2	1405.8	-2591.2	-5960.4	-38182.0
	206	-17253.7	9005.2	-1405.8	2591.2	0.0	0.0
36	106	21069.7	-4764.6	1214.1	-1278.6	-5147.6	-20201.9
	206	-17253.7	4764.6	-1214.1	1278.6	0.0	0.0
37	106	21070.0	7079.1	1505.9	759.5	-6385.1	30015.4
	206	-17254.0	-7079.1	-1505.9	-759.5	0.0	0.0
38	106	21069.9	11319.7	1314.2	2072.1	-5572.3	47995.5
	206	-17253.9	-11319.7	-1314.2	-2072.1	0.0	0.0
39	106	21069.5	5615.3	-1844.6	297.5	7821.0	23808.9
	206	-17253.5	-5615.3	1844.6	-297.5	0.0	0.0
40	106	21069.5	9855.9	-2036.3	1610.1	8633.9	41789.0
	206	-17253.5	-9855.9	2036.3	-1610.1	0.0	0.0
41	106	24493.2	7.4	1363.6	2.3	-5781.5	31.2
	206	-20677.2	-7.4	-1363.6	-2.3	0.0	0.0
42	106	24493.2	-143.9	989.6	-45.2	-4196.0	-610.0
	206	-20677.2	143.9	-989.6	45.2	0.0	0.0
43	106	24493.2	-458.0	1236.6	34.4	-5243.2	-1942.0
	206	-20677.2	458.0	-1236.6	-34.4	0.0	0.0
44	106	24493.2	369.4	1310.2	-62.2	-5555.2	1566.3
	206	-20677.2	-369.4	-1310.2	62.2	0.0	0.0
45	106	22781.6	12.3	1369.1	3.9	-5804.8	52.0
	206	-18965.6	-12.3	-1369.1	-3.9	0.0	0.0
46	106	22781.6	-239.8	745.8	-75.3	-3162.3	-1016.7
	206	-18965.6	239.8	-745.8	75.3	0.0	0.0
47	106	22781.6	-763.4	1157.5	57.3	-4907.7	-3236.6
	206	-18965.6	763.4	-1157.5	-57.3	0.0	0.0
48	106	22781.6	615.7	1280.1	-103.7	-5427.7	2610.5
	206	-18965.6	-615.7	-1280.1	103.7	0.0	0.0
49	106	21754.6	-0.0	1160.0	-0.0	-4918.4	-0.0
	206	-17938.6	0.0	-1160.0	0.0	0.0	0.0
50	106	21069.9	2.5	1152.5	0.8	-4886.5	10.4
	206	-17253.9	-2.5	-1152.5	-0.8	0.0	0.0
51	106	21069.9	-48.0	1027.8	-15.1	-4358.0	-203.3
	206	-17253.9	48.0	-1027.8	15.1	0.0	0.0
52	106	21069.9	-152.7	1110.2	11.5	-4707.1	-647.3
	206	-17253.9	152.7	-1110.2	-11.5	0.0	0.0
53	106	21069.9	123.1	1134.7	-20.7	-4811.1	522.1
	206	-17253.9	-123.1	-1134.7	20.7	0.0	0.0
54	106	21069.9	-0.0	1118.9	-0.0	-4744.1	-0.0
	206	-17253.9	0.0	-1118.9	0.0	0.0	0.0
55	106	21070.6	-5963.9	6563.0	-1463.2	-27826.9	-25286.8
	206	-17254.6	5963.9	-6563.0	1463.2	0.0	0.0
56	106	21070.6	-2227.9	5757.5	-748.2	-24411.7	-9446.1
	206	-17254.6	2227.9	-5757.5	748.2	0.0	0.0
57	106	21070.6	-5410.8	6681.4	-1591.7	-28329.0	-22941.7
	206	-17254.6	5410.8	-6681.4	1591.7	0.0	0.0
58	106	21070.6	-1674.8	5875.9	-876.7	-24913.8	-7101.1
	206	-17254.6	1674.8	-5875.9	876.7	0.0	0.0
59	106	21070.5	5700.2	6054.5	2147.3	-25671.1	24168.8
	206	-17254.5	-5700.2	-6054.5	-2147.3	0.0	0.0

60	106	21070.4	9436.2	5249.0	2862.3	-22255.8	40009.4
	206	-17254.4	-9436.2	-5249.0	-2862.3	0.0	0.0
61	106	21070.5	6253.3	6172.9	2018.8	-26173.1	26513.8
	206	-17254.5	-6253.3	-6172.9	-2018.8	0.0	0.0
62	106	21070.4	9989.3	5367.4	2733.8	-22757.9	42354.5
	206	-17254.4	-9989.3	-5367.4	-2733.8	0.0	0.0
63	106	21069.3	-9989.3	-3129.7	-2733.8	13269.8	-42354.5
	206	-17253.3	9989.3	3129.7	2733.8	0.0	0.0
64	106	21069.3	-6253.3	-3935.1	-2018.8	16685.0	-26513.8
	206	-17253.3	6253.3	3935.1	2018.8	0.0	0.0
65	106	21069.3	-9436.2	-3011.3	-2862.3	12767.7	-40009.4
	206	-17253.3	9436.2	3011.3	2862.3	0.0	0.0
66	106	21069.3	-5700.2	-3816.7	-2147.3	16182.9	-24168.8
	206	-17253.3	5700.2	3816.7	2147.3	0.0	0.0
67	106	21069.2	1674.8	-3638.1	876.7	15425.6	7101.1
	206	-17253.2	-1674.8	3638.1	-876.7	0.0	0.0
68	106	21069.1	5410.8	-4443.6	1591.7	18840.9	22941.7
	206	-17253.1	-5410.8	4443.6	-1591.7	0.0	0.0
69	106	21069.2	2227.9	-3519.7	748.2	14923.6	9446.1
	206	-17253.2	-2227.9	3519.7	-748.2	0.0	0.0
70	106	21069.1	5963.9	-4325.2	1463.2	18338.8	25286.8
	206	-17253.1	-5963.9	4325.2	-1463.2	0.0	0.0
71	106	21070.2	-8294.3	3794.2	-1328.5	-16087.2	-35167.6
	206	-17254.2	8294.3	-3794.2	1328.5	0.0	0.0
72	106	21070.2	-4795.0	3641.6	-245.4	-15440.5	-20331.0
	206	-17254.2	4795.0	-3641.6	245.4	0.0	0.0
73	106	21069.8	-9501.9	886.4	-1709.7	-3758.2	-40287.9
	206	-17253.8	9501.9	-886.4	1709.7	0.0	0.0
74	106	21069.8	-6002.7	733.8	-626.6	-3111.5	-25451.3
	206	-17253.8	6002.7	-733.8	626.6	0.0	0.0
75	106	21070.0	4159.1	1109.2	1054.8	-4703.2	17634.5
	206	-17254.0	-4159.1	-1109.2	-1054.8	0.0	0.0
76	106	21070.0	7658.3	956.7	2138.0	-4056.4	32471.2
	206	-17254.0	-7658.3	-956.7	-2138.0	0.0	0.0
77	106	21069.7	2951.5	-1798.5	673.6	7625.8	12514.2
	206	-17253.7	-2951.5	1798.5	-673.6	0.0	0.0
78	106	21069.6	6450.7	-1951.1	1756.8	8272.6	27350.9
	206	-17253.6	-6450.7	1951.1	-1756.8	0.0	0.0
79	106	21070.1	-6450.7	4188.9	-1756.8	-17760.7	-27350.9
	206	-17254.1	6450.7	-4188.9	1756.8	0.0	0.0
80	106	21070.1	-2951.5	4036.3	-673.6	-17114.0	-12514.2
	206	-17254.1	2951.5	-4036.3	673.6	0.0	0.0
81	106	21069.8	-7658.3	1281.1	-2138.0	-5431.7	-32471.2
	206	-17253.8	7658.3	-1281.1	2138.0	0.0	0.0
82	106	21069.7	-4159.1	1128.5	-1054.8	-4784.9	-17634.5
	206	-17253.7	4159.1	-1128.5	1054.8	0.0	0.0
83	106	21070.0	6002.7	1503.9	626.6	-6376.7	25451.3
	206	-17254.0	-6002.7	-1503.9	-626.6	0.0	0.0
84	106	21069.9	9501.9	1351.4	1709.7	-5729.9	40287.9
	206	-17253.9	-9501.9	-1351.4	-1709.7	0.0	0.0
85	106	21069.6	4795.0	-1403.9	245.4	5952.4	20331.0
	206	-17253.6	-4795.0	1403.9	-245.4	0.0	0.0
86	106	21069.5	8294.3	-1556.4	1328.5	6599.1	35167.6
	206	-17253.5	-8294.3	1556.4	-1328.5	0.0	0.0
1	7	46665.0	-0.6	184.6	0.0	-804.7	-2.6
	107	-41563.8	0.6	-184.6	0.0	0.0	0.0
2	7	46665.0	11.5	-500.4	0.0	2181.7	50.3
	107	-41563.8	-11.5	500.4	0.0	0.0	0.0
3	7	46665.0	-1048.1	-48.0	0.0	209.1	-4569.7
	107	-41563.8	1048.1	48.0	0.0	0.0	0.0
4	7	46665.0	1055.2	86.8	0.0	-378.5	4600.7
	107	-41563.8	-1055.2	-86.8	0.0	0.0	0.0
5	7	44468.6	-1.0	307.6	0.0	-1341.2	-4.3
	107	-39367.4	1.0	-307.6	0.0	0.0	0.0

6	7	44468.6	19.2	-834.0	0.0	3636.1	83.8
	107	-39367.4	-19.2	834.0	0.0	0.0	0.0
7	7	44468.6	-1746.8	-79.9	0.0	348.6	-7616.2
	107	-39367.4	1746.8	79.9	0.0	0.0	0.0
8	7	44468.6	1758.7	144.7	0.0	-630.9	7667.8
	107	-39367.4	-1758.7	-144.7	0.0	0.0	0.0
9	7	30602.2	-1878.8	7562.3	0.0	-32971.5	-8191.7
	107	-26678.2	1878.8	-7562.3	0.0	0.0	0.0
10	7	30602.2	-1843.1	6046.1	0.0	-26361.1	-8035.7
	107	-26678.2	1843.1	-6046.1	0.0	0.0	0.0
11	7	30602.2	2448.5	7794.3	0.0	-33983.2	10675.5
	107	-26678.2	-2448.5	-7794.3	0.0	0.0	0.0
12	7	30602.2	2484.3	6278.2	0.0	-27372.8	10831.4
	107	-26678.2	-2484.3	-6278.2	0.0	0.0	0.0
13	7	30602.2	-2913.1	6631.4	0.0	-28912.8	-12701.1
	107	-26678.2	2913.1	-6631.4	0.0	0.0	0.0
14	7	30602.2	-2877.3	5115.2	0.0	-22302.5	-12545.2
	107	-26678.2	2877.3	-5115.2	0.0	0.0	0.0
15	7	30602.2	1414.2	6863.4	0.0	-29924.5	6166.1
	107	-26678.2	-1414.2	-6863.4	0.0	0.0	0.0
16	7	30602.2	1450.0	5347.3	0.0	-23314.2	6322.0
	107	-26678.2	-1450.0	-5347.3	0.0	0.0	0.0
17	7	30602.2	-1450.0	-5347.3	0.0	23314.2	-6322.0
	107	-26678.2	1450.0	5347.3	0.0	0.0	0.0
18	7	30602.2	-1414.2	-6863.4	0.0	29924.5	-6166.0
	107	-26678.2	1414.2	6863.4	0.0	0.0	0.0
19	7	30602.2	2877.3	-5115.2	0.0	22302.5	12545.2
	107	-26678.2	-2877.3	5115.2	0.0	0.0	0.0
20	7	30602.2	2913.1	-6631.4	0.0	28912.8	12701.1
	107	-26678.2	-2913.1	6631.4	0.0	0.0	0.0
21	7	30602.2	-2484.3	-6278.2	0.0	27372.8	-10831.4
	107	-26678.2	2484.3	6278.2	0.0	0.0	0.0
22	7	30602.2	-2448.5	-7794.3	0.0	33983.2	-10675.5
	107	-26678.2	2448.5	7794.3	0.0	0.0	0.0
23	7	30602.2	1843.1	-6046.1	0.0	26361.1	8035.7
	107	-26678.2	-1843.1	6046.1	0.0	0.0	0.0
24	7	30602.2	1878.8	-7562.3	0.0	32971.5	8191.7
	107	-26678.2	-1878.8	7562.3	0.0	0.0	0.0
25	7	30602.2	-7181.0	4216.2	0.0	-18382.8	-31309.2
	107	-26678.2	7181.0	-4216.2	0.0	0.0	0.0
26	7	30602.2	-7491.3	3937.0	0.0	-17165.2	-32662.0
	107	-26678.2	7491.3	-3937.0	0.0	0.0	0.0
27	7	30602.2	-7052.3	343.4	0.0	-1497.1	-30748.2
	107	-26678.2	7052.3	-343.4	0.0	0.0	0.0
28	7	30602.2	-7362.6	64.1	0.0	-279.5	-32101.1
	107	-26678.2	7362.6	-64.1	0.0	0.0	0.0
29	7	30602.2	-7061.8	-837.6	0.0	3651.8	-30789.4
	107	-26678.2	7061.8	837.6	0.0	0.0	0.0
30	7	30602.2	-7372.1	-1116.8	0.0	4869.4	-32142.2
	107	-26678.2	7372.1	1116.8	0.0	0.0	0.0
31	7	30602.2	-6933.1	-4710.4	0.0	20537.5	-30228.5
	107	-26678.2	6933.1	4710.4	0.0	0.0	0.0
32	7	30602.2	-7243.4	-4989.7	0.0	21755.1	-31581.3
	107	-26678.2	7243.4	4989.7	0.0	0.0	0.0
33	7	30602.2	7243.4	4989.7	0.0	-21755.1	31581.3
	107	-26678.2	-7243.4	-4989.7	0.0	0.0	0.0
34	7	30602.2	6933.1	4710.4	0.0	-20537.5	30228.5
	107	-26678.2	-6933.1	-4710.4	0.0	0.0	0.0
35	7	30602.2	7372.1	1116.8	0.0	-4869.4	32142.2
	107	-26678.2	-7372.1	-1116.8	0.0	0.0	0.0
36	7	30602.2	7061.8	837.6	0.0	-3651.8	30789.4
	107	-26678.2	-7061.8	-837.6	0.0	0.0	0.0
37	7	30602.2	7362.6	-64.1	0.0	279.5	32101.1
	107	-26678.2	-7362.6	64.1	0.0	0.0	0.0
38	7	30602.2	7052.4	-343.4	0.0	1497.1	30748.3

	107	-26678.2	-7052.4	343.4	0.0	0.0	0.0
39	7	30602.2	7491.3	-3937.0	0.0	17165.2	32662.0
	107	-26678.2	-7491.3	3937.0	0.0	0.0	0.0
40	7	30602.2	7181.0	-4216.2	0.0	18382.8	31309.2
	107	-26678.2	-7181.0	4216.2	0.0	0.0	0.0
41	7	34018.9	-0.4	123.0	0.0	-536.5	-1.7
	107	-30094.9	0.4	-123.0	0.0	0.0	0.0
42	7	34018.9	7.7	-333.6	0.0	1454.5	33.5
	107	-30094.9	-7.7	333.6	0.0	0.0	0.0
43	7	34018.9	-698.7	-32.0	0.0	139.4	-3046.5
	107	-30094.9	698.7	32.0	0.0	0.0	0.0
44	7	34018.9	703.5	57.9	0.0	-252.4	3067.1
	107	-30094.9	-703.5	-57.9	0.0	0.0	0.0
45	7	32554.6	-0.7	205.1	0.0	-894.1	-2.9
	107	-28630.6	0.7	-205.1	0.0	0.0	0.0
46	7	32554.6	12.8	-556.0	0.0	2424.1	55.9
	107	-28630.6	-12.8	556.0	0.0	0.0	0.0
47	7	32554.6	-1164.6	-53.3	0.0	232.4	-5077.5
	107	-28630.6	1164.6	53.3	0.0	0.0	0.0
48	7	32554.6	1172.5	96.5	0.0	-420.6	5111.9
	107	-28630.6	-1172.5	-96.5	0.0	0.0	0.0
49	7	31578.4	0.0	0.0	0.0	-0.0	0.0
	107	-27654.4	-0.0	-0.0	0.0	0.0	0.0
50	7	30602.2	-0.1	41.0	0.0	-178.8	-0.6
	107	-26678.2	0.1	-41.0	0.0	0.0	0.0
51	7	30602.2	2.6	-111.2	0.0	484.8	11.2
	107	-26678.2	-2.6	111.2	0.0	0.0	0.0
52	7	30602.2	-232.9	-10.7	0.0	46.5	-1015.5
	107	-26678.2	232.9	10.7	0.0	0.0	0.0
53	7	30602.2	234.5	19.3	0.0	-84.1	1022.4
	107	-26678.2	-234.5	-19.3	0.0	0.0	0.0
54	7	30602.2	0.0	0.0	0.0	-0.0	0.0
	107	-26678.2	-0.0	-0.0	0.0	0.0	0.0
55	7	30602.2	-1573.2	6316.1	0.0	-27538.4	-6859.1
	107	-26678.2	1573.2	-6316.1	0.0	0.0	0.0
56	7	30602.2	-1544.4	5065.0	0.0	-22083.3	-6733.5
	107	-26678.2	1544.4	-5065.0	0.0	0.0	0.0
57	7	30602.2	2046.2	6507.3	0.0	-28371.9	8921.6
	107	-26678.2	-2046.2	-6507.3	0.0	0.0	0.0
58	7	30602.2	2075.1	5256.2	0.0	-22916.8	9047.3
	107	-26678.2	-2075.1	-5256.2	0.0	0.0	0.0
59	7	30602.2	-2428.4	5553.9	0.0	-24215.2	-10587.8
	107	-26678.2	2428.4	-5553.9	0.0	0.0	0.0
60	7	30602.2	-2399.6	4302.8	0.0	-18760.1	-10462.2
	107	-26678.2	2399.6	-4302.8	0.0	0.0	0.0
61	7	30602.2	1191.0	5745.1	0.0	-25048.8	5192.9
	107	-26678.2	-1191.0	-5745.1	0.0	0.0	0.0
62	7	30602.2	1219.9	4494.0	0.0	-19593.7	5318.6
	107	-26678.2	-1219.9	-4494.0	0.0	0.0	0.0
63	7	30602.2	-1219.9	-4494.0	0.0	19593.7	-5318.6
	107	-26678.2	1219.9	4494.0	0.0	0.0	0.0
64	7	30602.2	-1191.0	-5745.1	0.0	25048.8	-5192.9
	107	-26678.2	1191.0	5745.1	0.0	0.0	0.0
65	7	30602.2	2399.6	-4302.8	0.0	18760.1	10462.2
	107	-26678.2	-2399.6	4302.8	0.0	0.0	0.0
66	7	30602.2	2428.4	-5553.9	0.0	24215.2	10587.8
	107	-26678.2	-2428.4	5553.9	0.0	0.0	0.0
67	7	30602.2	-2075.1	-5256.2	0.0	22916.8	-9047.3
	107	-26678.2	2075.1	5256.2	0.0	0.0	0.0
68	7	30602.2	-2046.2	-6507.3	0.0	28371.9	-8921.6
	107	-26678.2	2046.2	6507.3	0.0	0.0	0.0
69	7	30602.2	1544.4	-5065.0	0.0	22083.3	6733.5
	107	-26678.2	-1544.4	5065.0	0.0	0.0	0.0
70	7	30602.2	1573.2	-6316.1	0.0	27538.4	6859.1
	107	-26678.2	-1573.2	6316.1	0.0	0.0	0.0

71	7	30602.2	-6005.1	3502.5	0.0	-15270.8	-26182.5
	107	-26678.2	6005.1	-3502.5	0.0	0.0	0.0
72	7	30602.2	-6261.7	3273.8	0.0	-14273.9	-27301.1
	107	-26678.2	6261.7	-3273.8	0.0	0.0	0.0
73	7	30602.2	-5899.1	259.5	0.0	-1131.2	-25720.3
	107	-26678.2	5899.1	-259.5	0.0	0.0	0.0
74	7	30602.2	-6155.7	30.8	0.0	-134.3	-26838.9
	107	-26678.2	6155.7	-30.8	0.0	0.0	0.0
75	7	30602.2	-5909.1	-668.1	0.0	2912.8	-25763.7
	107	-26678.2	5909.1	668.1	0.0	0.0	0.0
76	7	30602.2	-6165.7	-896.7	0.0	3909.8	-26882.3
	107	-26678.2	6165.7	896.7	0.0	0.0	0.0
77	7	30602.2	-5803.1	-3911.1	0.0	17052.4	-25301.5
	107	-26678.2	5803.1	3911.1	0.0	0.0	0.0
78	7	30602.2	-6059.7	-4139.8	0.0	18049.4	-26420.1
	107	-26678.2	6059.7	4139.8	0.0	0.0	0.0
79	7	30602.2	6059.7	4139.8	0.0	-18049.4	26420.1
	107	-26678.2	-6059.7	-4139.8	0.0	0.0	0.0
80	7	30602.2	5803.1	3911.1	0.0	-17052.4	25301.5
	107	-26678.2	-5803.1	-3911.1	0.0	0.0	0.0
81	7	30602.2	6165.7	896.7	0.0	-3909.8	26882.3
	107	-26678.2	-6165.7	-896.7	0.0	0.0	0.0
82	7	30602.2	5909.1	668.1	0.0	-2912.8	25763.7
	107	-26678.2	-5909.1	-668.1	0.0	0.0	0.0
83	7	30602.2	6155.7	-30.8	0.0	134.3	26838.9
	107	-26678.2	-6155.7	30.8	0.0	0.0	0.0
84	7	30602.2	5899.1	-259.5	0.0	1131.2	25720.3
	107	-26678.2	-5899.1	259.5	0.0	0.0	0.0
85	7	30602.2	6261.7	-3273.8	0.0	14273.9	27301.1
	107	-26678.2	-6261.7	3273.8	0.0	0.0	0.0
86	7	30602.2	6005.1	-3502.5	0.0	15270.8	26182.5
	107	-26678.2	-6005.1	3502.5	0.0	0.0	0.0
1	8	88228.9	-0.6	184.6	0.0	-804.7	-2.6
	108	-83127.7	0.6	-184.6	0.0	0.0	0.0
2	8	88228.9	11.5	-500.4	0.0	2181.7	50.3
	108	-83127.7	-11.5	500.4	0.0	0.0	0.0
3	8	88228.9	-1048.1	-48.0	0.0	209.1	-4569.7
	108	-83127.7	1048.1	48.0	0.0	0.0	0.0
4	8	88228.9	1055.2	86.8	0.0	-378.5	4600.7
	108	-83127.7	-1055.2	-86.8	0.0	0.0	0.0
5	8	83836.0	-1.0	307.6	0.0	-1341.2	-4.3
	108	-78734.8	1.0	-307.6	0.0	0.0	0.0
6	8	83836.0	19.2	-834.0	0.0	3636.1	83.8
	108	-78734.8	-19.2	834.0	0.0	0.0	0.0
7	8	83836.0	-1746.8	-79.9	0.0	348.6	-7616.2
	108	-78734.8	1746.8	79.9	0.0	0.0	0.0
8	8	83836.0	1758.7	144.7	0.0	-630.9	7667.8
	108	-78734.8	-1758.7	-144.7	0.0	0.0	0.0
9	8	57280.3	-1878.8	7562.3	0.0	-32971.5	-8191.7
	108	-53356.3	1878.8	-7562.3	0.0	0.0	0.0
10	8	57280.3	-1843.1	6046.1	0.0	-26361.1	-8035.7
	108	-53356.3	1843.1	-6046.1	0.0	0.0	0.0
11	8	57280.3	2448.5	7794.3	0.0	-33983.2	10675.5
	108	-53356.3	-2448.5	-7794.3	0.0	0.0	0.0
12	8	57280.3	2484.3	6278.2	0.0	-27372.8	10831.4
	108	-53356.3	-2484.3	-6278.2	0.0	0.0	0.0
13	8	57280.3	-2913.1	6631.4	0.0	-28912.8	-12701.1
	108	-53356.3	2913.1	-6631.4	0.0	0.0	0.0
14	8	57280.3	-2877.3	5115.2	0.0	-22302.5	-12545.2
	108	-53356.3	2877.3	-5115.2	0.0	0.0	0.0
15	8	57280.3	1414.2	6863.4	0.0	-29924.5	6166.1
	108	-53356.3	-1414.2	-6863.4	0.0	0.0	0.0
16	8	57280.3	1450.0	5347.3	0.0	-23314.2	6322.0
	108	-53356.3	-1450.0	-5347.3	0.0	0.0	0.0

17	8	57280.3	-1450.0	-5347.3	0.0	23314.2	-6322.0
	108	-53356.3	1450.0	5347.3	0.0	0.0	0.0
18	8	57280.3	-1414.2	-6863.4	0.0	29924.5	-6166.0
	108	-53356.3	1414.2	6863.4	0.0	0.0	0.0
19	8	57280.3	2877.3	-5115.2	0.0	22302.5	12545.2
	108	-53356.3	-2877.3	5115.2	0.0	0.0	0.0
20	8	57280.3	2913.1	-6631.4	0.0	28912.8	12701.1
	108	-53356.3	-2913.1	6631.4	0.0	0.0	0.0
21	8	57280.3	-2484.3	-6278.2	0.0	27372.8	-10831.4
	108	-53356.3	2484.3	6278.2	0.0	0.0	0.0
22	8	57280.3	-2448.5	-7794.3	0.0	33983.2	-10675.5
	108	-53356.3	2448.5	7794.3	0.0	0.0	0.0
23	8	57280.3	1843.1	-6046.1	0.0	26361.1	8035.7
	108	-53356.3	-1843.1	6046.1	0.0	0.0	0.0
24	8	57280.3	1878.8	-7562.3	0.0	32971.5	8191.7
	108	-53356.3	-1878.8	7562.3	0.0	0.0	0.0
25	8	57280.3	-7181.0	4216.2	0.0	-18382.8	-31309.2
	108	-53356.3	7181.0	-4216.2	0.0	0.0	0.0
26	8	57280.3	-7491.3	3937.0	0.0	-17165.2	-32662.0
	108	-53356.3	7491.3	-3937.0	0.0	0.0	0.0
27	8	57280.3	-7052.3	343.4	0.0	-1497.1	-30748.2
	108	-53356.3	7052.3	-343.4	0.0	0.0	0.0
28	8	57280.3	-7362.6	64.1	0.0	-279.5	-32101.1
	108	-53356.3	7362.6	-64.1	0.0	0.0	0.0
29	8	57280.3	-7061.8	-837.6	0.0	3651.8	-30789.4
	108	-53356.3	7061.8	837.6	0.0	0.0	0.0
30	8	57280.3	-7372.1	-1116.8	0.0	4869.4	-32142.2
	108	-53356.3	7372.1	1116.8	0.0	0.0	0.0
31	8	57280.3	-6933.1	-4710.4	0.0	20537.5	-30228.5
	108	-53356.3	6933.1	4710.4	0.0	0.0	0.0
32	8	57280.3	-7243.4	-4989.7	0.0	21755.1	-31581.3
	108	-53356.3	7243.4	4989.7	0.0	0.0	0.0
33	8	57280.3	7243.4	4989.7	0.0	-21755.1	31581.3
	108	-53356.3	-7243.4	-4989.7	0.0	0.0	0.0
34	8	57280.3	6933.1	4710.4	0.0	-20537.5	30228.5
	108	-53356.3	-6933.1	-4710.4	0.0	0.0	0.0
35	8	57280.3	7372.1	1116.8	0.0	-4869.4	32142.2
	108	-53356.3	-7372.1	-1116.8	0.0	0.0	0.0
36	8	57280.3	7061.8	837.6	0.0	-3651.8	30789.4
	108	-53356.3	-7061.8	-837.6	0.0	0.0	0.0
37	8	57280.3	7362.6	-64.1	0.0	279.5	32101.1
	108	-53356.3	-7362.6	64.1	0.0	0.0	0.0
38	8	57280.3	7052.4	-343.4	0.0	1497.1	30748.3
	108	-53356.3	-7052.4	343.4	0.0	0.0	0.0
39	8	57280.3	7491.3	-3937.0	0.0	17165.2	32662.0
	108	-53356.3	-7491.3	3937.0	0.0	0.0	0.0
40	8	57280.3	7181.0	-4216.2	0.0	18382.8	31309.2
	108	-53356.3	-7181.0	4216.2	0.0	0.0	0.0
41	8	64113.7	-0.4	123.0	0.0	-536.5	-1.7
	108	-60189.7	0.4	-123.0	0.0	0.0	0.0
42	8	64113.7	7.7	-333.6	0.0	1454.5	33.5
	108	-60189.7	-7.7	333.6	0.0	0.0	0.0
43	8	64113.7	-698.7	-32.0	0.0	139.4	-3046.5
	108	-60189.7	698.7	32.0	0.0	0.0	0.0
44	8	64113.7	703.5	57.9	0.0	-252.4	3067.1
	108	-60189.7	-703.5	-57.9	0.0	0.0	0.0
45	8	61185.1	-0.7	205.1	0.0	-894.1	-2.9
	108	-57261.1	0.7	-205.1	0.0	0.0	0.0
46	8	61185.1	12.8	-556.0	0.0	2424.1	55.9
	108	-57261.1	-12.8	556.0	0.0	0.0	0.0
47	8	61185.1	-1164.6	-53.3	0.0	232.4	-5077.5
	108	-57261.1	1164.6	53.3	0.0	0.0	0.0
48	8	61185.1	1172.5	96.5	0.0	-420.6	5111.9
	108	-57261.1	-1172.5	-96.5	0.0	0.0	0.0
49	8	59232.7	0.0	0.0	0.0	-0.0	0.0

	108	-55308.7	-0.0	-0.0	0.0	0.0	0.0
50	8	57280.3	-0.1	41.0	0.0	-178.8	-0.6
	108	-53356.3	0.1	-41.0	0.0	0.0	0.0
51	8	57280.3	2.6	-111.2	0.0	484.8	11.2
	108	-53356.3	-2.6	111.2	0.0	0.0	0.0
52	8	57280.3	-232.9	-10.7	0.0	46.5	-1015.5
	108	-53356.3	232.9	10.7	0.0	0.0	0.0
53	8	57280.3	234.5	19.3	0.0	-84.1	1022.4
	108	-53356.3	-234.5	-19.3	0.0	0.0	0.0
54	8	57280.3	0.0	0.0	0.0	-0.0	0.0
	108	-53356.3	-0.0	-0.0	0.0	0.0	0.0
55	8	57280.3	-1573.2	6316.1	0.0	-27538.4	-6859.1
	108	-53356.3	1573.2	-6316.1	0.0	0.0	0.0
56	8	57280.3	-1544.4	5065.0	0.0	-22083.3	-6733.5
	108	-53356.3	1544.4	-5065.0	0.0	0.0	0.0
57	8	57280.3	2046.2	6507.3	0.0	-28371.9	8921.6
	108	-53356.3	-2046.2	-6507.3	0.0	0.0	0.0
58	8	57280.3	2075.1	5256.2	0.0	-22916.8	9047.3
	108	-53356.3	-2075.1	-5256.2	0.0	0.0	0.0
59	8	57280.3	-2428.4	5553.9	0.0	-24215.2	-10587.8
	108	-53356.3	2428.4	-5553.9	0.0	0.0	0.0
60	8	57280.3	-2399.6	4302.8	0.0	-18760.1	-10462.2
	108	-53356.3	2399.6	-4302.8	0.0	0.0	0.0
61	8	57280.3	1191.0	5745.1	0.0	-25048.8	5192.9
	108	-53356.3	-1191.0	-5745.1	0.0	0.0	0.0
62	8	57280.3	1219.9	4494.0	0.0	-19593.7	5318.6
	108	-53356.3	-1219.9	-4494.0	0.0	0.0	0.0
63	8	57280.3	-1219.9	-4494.0	0.0	19593.7	-5318.6
	108	-53356.3	1219.9	4494.0	0.0	0.0	0.0
64	8	57280.3	-1191.0	-5745.1	0.0	25048.8	-5192.9
	108	-53356.3	1191.0	5745.1	0.0	0.0	0.0
65	8	57280.3	2399.6	-4302.8	0.0	18760.1	10462.2
	108	-53356.3	-2399.6	4302.8	0.0	0.0	0.0
66	8	57280.3	2428.4	-5553.9	0.0	24215.2	10587.8
	108	-53356.3	-2428.4	5553.9	0.0	0.0	0.0
67	8	57280.3	-2075.1	-5256.2	0.0	22916.8	-9047.3
	108	-53356.3	2075.1	5256.2	0.0	0.0	0.0
68	8	57280.3	-2046.2	-6507.3	0.0	28371.9	-8921.6
	108	-53356.3	2046.2	6507.3	0.0	0.0	0.0
69	8	57280.3	1544.4	-5065.0	0.0	22083.3	6733.5
	108	-53356.3	-1544.4	5065.0	0.0	0.0	0.0
70	8	57280.3	1573.2	-6316.1	0.0	27538.4	6859.1
	108	-53356.3	-1573.2	6316.1	0.0	0.0	0.0
71	8	57280.3	-6005.1	3502.5	0.0	-15270.8	-26182.5
	108	-53356.3	6005.1	-3502.5	0.0	0.0	0.0
72	8	57280.3	-6261.7	3273.8	0.0	-14273.9	-27301.1
	108	-53356.3	6261.7	-3273.8	0.0	0.0	0.0
73	8	57280.3	-5899.1	259.5	0.0	-1131.2	-25720.3
	108	-53356.3	5899.1	-259.5	0.0	0.0	0.0
74	8	57280.3	-6155.7	30.8	0.0	-134.3	-26838.9
	108	-53356.3	6155.7	-30.8	0.0	0.0	0.0
75	8	57280.3	-5909.1	-668.1	0.0	2912.8	-25763.7
	108	-53356.3	5909.1	668.1	0.0	0.0	0.0
76	8	57280.3	-6165.7	-896.7	0.0	3909.8	-26882.3
	108	-53356.3	6165.7	896.7	0.0	0.0	0.0
77	8	57280.3	-5803.1	-3911.1	0.0	17052.4	-25301.5
	108	-53356.3	5803.1	3911.1	0.0	0.0	0.0
78	8	57280.3	-6059.7	-4139.8	0.0	18049.4	-26420.1
	108	-53356.3	6059.7	4139.8	0.0	0.0	0.0
79	8	57280.3	6059.7	4139.8	0.0	-18049.4	26420.1
	108	-53356.3	-6059.7	-4139.8	0.0	0.0	0.0
80	8	57280.3	5803.1	3911.1	0.0	-17052.4	25301.5
	108	-53356.3	-5803.1	-3911.1	0.0	0.0	0.0
81	8	57280.3	6165.7	896.7	0.0	-3909.8	26882.3
	108	-53356.3	-6165.7	-896.7	0.0	0.0	0.0

82	8	57280.3	5909.1	668.1	0.0	-2912.8	25763.7
	108	-53356.3	-5909.1	-668.1	0.0	0.0	0.0
83	8	57280.3	6155.7	-30.8	0.0	134.3	26838.9
	108	-53356.3	-6155.7	30.8	0.0	0.0	0.0
84	8	57280.3	5899.1	-259.5	0.0	1131.2	25720.3
	108	-53356.3	-5899.1	259.5	0.0	0.0	0.0
85	8	57280.3	6261.7	-3273.8	0.0	14273.9	27301.1
	108	-53356.3	-6261.7	3273.8	0.0	0.0	0.0
86	8	57280.3	6005.1	-3502.5	0.0	15270.8	26182.5
	108	-53356.3	-6005.1	3502.5	0.0	0.0	0.0
1	9	88228.9	-0.6	184.6	0.0	-804.7	-2.6
	109	-83127.7	0.6	-184.6	0.0	0.0	0.0
2	9	88228.9	11.5	-500.4	0.0	2181.7	50.3
	109	-83127.7	-11.5	500.4	0.0	0.0	0.0
3	9	88228.9	-1048.1	-48.0	0.0	209.1	-4569.7
	109	-83127.7	1048.1	48.0	0.0	0.0	0.0
4	9	88228.9	1055.2	86.8	0.0	-378.5	4600.7
	109	-83127.7	-1055.2	-86.8	0.0	0.0	0.0
5	9	83836.0	-1.0	307.6	0.0	-1341.2	-4.3
	109	-78734.8	1.0	-307.6	0.0	0.0	0.0
6	9	83836.0	19.2	-834.0	0.0	3636.1	83.8
	109	-78734.8	-19.2	834.0	0.0	0.0	0.0
7	9	83836.0	-1746.8	-79.9	0.0	348.6	-7616.2
	109	-78734.8	1746.8	79.9	0.0	0.0	0.0
8	9	83836.0	1758.7	144.7	0.0	-630.9	7667.8
	109	-78734.8	-1758.7	-144.7	0.0	0.0	0.0
9	9	57280.3	-1878.8	7562.3	0.0	-32971.5	-8191.7
	109	-53356.3	1878.8	-7562.3	0.0	0.0	0.0
10	9	57280.3	-1843.1	6046.1	0.0	-26361.1	-8035.7
	109	-53356.3	1843.1	-6046.1	0.0	0.0	0.0
11	9	57280.3	2448.5	7794.3	0.0	-33983.2	10675.5
	109	-53356.3	-2448.5	-7794.3	0.0	0.0	0.0
12	9	57280.3	2484.3	6278.2	0.0	-27372.8	10831.4
	109	-53356.3	-2484.3	-6278.2	0.0	0.0	0.0
13	9	57280.3	-2913.1	6631.4	0.0	-28912.8	-12701.1
	109	-53356.3	2913.1	-6631.4	0.0	0.0	0.0
14	9	57280.3	-2877.3	5115.2	0.0	-22302.5	-12545.2
	109	-53356.3	2877.3	-5115.2	0.0	0.0	0.0
15	9	57280.3	1414.2	6863.4	0.0	-29924.5	6166.1
	109	-53356.3	-1414.2	-6863.4	0.0	0.0	0.0
16	9	57280.3	1450.0	5347.3	0.0	-23314.2	6322.0
	109	-53356.3	-1450.0	-5347.3	0.0	0.0	0.0
17	9	57280.3	-1450.0	-5347.3	0.0	23314.2	-6322.0
	109	-53356.3	1450.0	5347.3	0.0	0.0	0.0
18	9	57280.3	-1414.2	-6863.4	0.0	29924.5	-6166.0
	109	-53356.3	1414.2	6863.4	0.0	0.0	0.0
19	9	57280.3	2877.3	-5115.2	0.0	22302.5	12545.2
	109	-53356.3	-2877.3	5115.2	0.0	0.0	0.0
20	9	57280.3	2913.1	-6631.4	0.0	28912.8	12701.1
	109	-53356.3	-2913.1	6631.4	0.0	0.0	0.0
21	9	57280.3	-2484.3	-6278.2	0.0	27372.8	-10831.4
	109	-53356.3	2484.3	6278.2	0.0	0.0	0.0
22	9	57280.3	-2448.5	-7794.3	0.0	33983.2	-10675.5
	109	-53356.3	2448.5	7794.3	0.0	0.0	0.0
23	9	57280.3	1843.1	-6046.1	0.0	26361.1	8035.7
	109	-53356.3	-1843.1	6046.1	0.0	0.0	0.0
24	9	57280.3	1878.8	-7562.3	0.0	32971.5	8191.7
	109	-53356.3	-1878.8	7562.3	0.0	0.0	0.0
25	9	57280.3	-7181.0	4216.2	0.0	-18382.8	-31309.2
	109	-53356.3	7181.0	-4216.2	0.0	0.0	0.0
26	9	57280.3	-7491.3	3937.0	0.0	-17165.2	-32662.0
	109	-53356.3	7491.3	-3937.0	0.0	0.0	0.0
27	9	57280.3	-7052.3	343.4	0.0	-1497.1	-30748.2
	109	-53356.3	7052.3	-343.4	0.0	0.0	0.0

28	9	57280.3	-7362.6	64.1	0.0	-279.5	-32101.1
	109	-53356.3	7362.6	-64.1	0.0	0.0	0.0
29	9	57280.3	-7061.8	-837.6	0.0	3651.8	-30789.4
	109	-53356.3	7061.8	837.6	0.0	0.0	0.0
30	9	57280.3	-7372.1	-1116.8	0.0	4869.4	-32142.2
	109	-53356.3	7372.1	1116.8	0.0	0.0	0.0
31	9	57280.3	-6933.1	-4710.4	0.0	20537.5	-30228.5
	109	-53356.3	6933.1	4710.4	0.0	0.0	0.0
32	9	57280.3	-7243.4	-4989.7	0.0	21755.1	-31581.3
	109	-53356.3	7243.4	4989.7	0.0	0.0	0.0
33	9	57280.3	7243.4	4989.7	0.0	-21755.1	31581.3
	109	-53356.3	-7243.4	-4989.7	0.0	0.0	0.0
34	9	57280.3	6933.1	4710.4	0.0	-20537.5	30228.5
	109	-53356.3	-6933.1	-4710.4	0.0	0.0	0.0
35	9	57280.3	7372.1	1116.8	0.0	-4869.4	32142.2
	109	-53356.3	-7372.1	-1116.8	0.0	0.0	0.0
36	9	57280.3	7061.8	837.6	0.0	-3651.8	30789.4
	109	-53356.3	-7061.8	-837.6	0.0	0.0	0.0
37	9	57280.3	7362.6	-64.1	0.0	279.5	32101.1
	109	-53356.3	-7362.6	64.1	0.0	0.0	0.0
38	9	57280.3	7052.4	-343.4	0.0	1497.1	30748.3
	109	-53356.3	-7052.4	343.4	0.0	0.0	0.0
39	9	57280.3	7491.3	-3937.0	0.0	17165.2	32662.0
	109	-53356.3	-7491.3	3937.0	0.0	0.0	0.0
40	9	57280.3	7181.0	-4216.2	0.0	18382.8	31309.2
	109	-53356.3	-7181.0	4216.2	0.0	0.0	0.0
41	9	64113.7	-0.4	123.0	0.0	-536.5	-1.7
	109	-60189.7	0.4	-123.0	0.0	0.0	0.0
42	9	64113.7	7.7	-333.6	0.0	1454.5	33.5
	109	-60189.7	-7.7	333.6	0.0	0.0	0.0
43	9	64113.7	-698.7	-32.0	0.0	139.4	-3046.5
	109	-60189.7	698.7	32.0	0.0	0.0	0.0
44	9	64113.7	703.5	57.9	0.0	-252.4	3067.1
	109	-60189.7	-703.5	-57.9	0.0	0.0	0.0
45	9	61185.1	-0.7	205.1	0.0	-894.1	-2.9
	109	-57261.1	0.7	-205.1	0.0	0.0	0.0
46	9	61185.1	12.8	-556.0	0.0	2424.1	55.9
	109	-57261.1	-12.8	556.0	0.0	0.0	0.0
47	9	61185.1	-1164.6	-53.3	0.0	232.4	-5077.5
	109	-57261.1	1164.6	53.3	0.0	0.0	0.0
48	9	61185.1	1172.5	96.5	0.0	-420.6	5111.9
	109	-57261.1	-1172.5	-96.5	0.0	0.0	0.0
49	9	59232.7	0.0	0.0	0.0	-0.0	0.0
	109	-55308.7	-0.0	-0.0	0.0	0.0	0.0
50	9	57280.3	-0.1	41.0	0.0	-178.8	-0.6
	109	-53356.3	0.1	-41.0	0.0	0.0	0.0
51	9	57280.3	2.6	-111.2	0.0	484.8	11.2
	109	-53356.3	-2.6	111.2	0.0	0.0	0.0
52	9	57280.3	-232.9	-10.7	0.0	46.5	-1015.5
	109	-53356.3	232.9	10.7	0.0	0.0	0.0
53	9	57280.3	234.5	19.3	0.0	-84.1	1022.4
	109	-53356.3	-234.5	-19.3	0.0	0.0	0.0
54	9	57280.3	0.0	0.0	0.0	-0.0	0.0
	109	-53356.3	-0.0	-0.0	0.0	0.0	0.0
55	9	57280.3	-1573.2	6316.1	0.0	-27538.4	-6859.1
	109	-53356.3	1573.2	-6316.1	0.0	0.0	0.0
56	9	57280.3	-1544.4	5065.0	0.0	-22083.3	-6733.5
	109	-53356.3	1544.4	-5065.0	0.0	0.0	0.0
57	9	57280.3	2046.2	6507.3	0.0	-28371.9	8921.6
	109	-53356.3	-2046.2	-6507.3	0.0	0.0	0.0
58	9	57280.3	2075.1	5256.2	0.0	-22916.8	9047.3
	109	-53356.3	-2075.1	-5256.2	0.0	0.0	0.0
59	9	57280.3	-2428.4	5553.9	0.0	-24215.2	-10587.8
	109	-53356.3	2428.4	-5553.9	0.0	0.0	0.0
60	9	57280.3	-2399.6	4302.8	0.0	-18760.1	-10462.2

	109	-53356.3	2399.6	-4302.8	0.0	0.0	0.0
61	9	57280.3	1191.0	5745.1	0.0	-25048.8	5192.9
	109	-53356.3	-1191.0	-5745.1	0.0	0.0	0.0
62	9	57280.3	1219.9	4494.0	0.0	-19593.7	5318.6
	109	-53356.3	-1219.9	-4494.0	0.0	0.0	0.0
63	9	57280.3	-1219.9	-4494.0	0.0	19593.7	-5318.6
	109	-53356.3	1219.9	4494.0	0.0	0.0	0.0
64	9	57280.3	-1191.0	-5745.1	0.0	25048.8	-5192.9
	109	-53356.3	1191.0	5745.1	0.0	0.0	0.0
65	9	57280.3	2399.6	-4302.8	0.0	18760.1	10462.2
	109	-53356.3	-2399.6	4302.8	0.0	0.0	0.0
66	9	57280.3	2428.4	-5553.9	0.0	24215.2	10587.8
	109	-53356.3	-2428.4	5553.9	0.0	0.0	0.0
67	9	57280.3	-2075.1	-5256.2	0.0	22916.8	-9047.3
	109	-53356.3	2075.1	5256.2	0.0	0.0	0.0
68	9	57280.3	-2046.2	-6507.3	0.0	28371.9	-8921.6
	109	-53356.3	2046.2	6507.3	0.0	0.0	0.0
69	9	57280.3	1544.4	-5065.0	0.0	22083.3	6733.5
	109	-53356.3	-1544.4	5065.0	0.0	0.0	0.0
70	9	57280.3	1573.2	-6316.1	0.0	27538.4	6859.1
	109	-53356.3	-1573.2	6316.1	0.0	0.0	0.0
71	9	57280.3	-6005.1	3502.5	0.0	-15270.8	-26182.5
	109	-53356.3	6005.1	-3502.5	0.0	0.0	0.0
72	9	57280.3	-6261.7	3273.8	0.0	-14273.9	-27301.1
	109	-53356.3	6261.7	-3273.8	0.0	0.0	0.0
73	9	57280.3	-5899.1	259.5	0.0	-1131.2	-25720.3
	109	-53356.3	5899.1	-259.5	0.0	0.0	0.0
74	9	57280.3	-6155.7	30.8	0.0	-134.3	-26838.9
	109	-53356.3	6155.7	-30.8	0.0	0.0	0.0
75	9	57280.3	-5909.1	-668.1	0.0	2912.8	-25763.7
	109	-53356.3	5909.1	668.1	0.0	0.0	0.0
76	9	57280.3	-6165.7	-896.7	0.0	3909.8	-26882.3
	109	-53356.3	6165.7	896.7	0.0	0.0	0.0
77	9	57280.3	-5803.1	-3911.1	0.0	17052.4	-25301.5
	109	-53356.3	5803.1	3911.1	0.0	0.0	0.0
78	9	57280.3	-6059.7	-4139.8	0.0	18049.4	-26420.1
	109	-53356.3	6059.7	4139.8	0.0	0.0	0.0
79	9	57280.3	6059.7	4139.8	0.0	-18049.4	26420.1
	109	-53356.3	-6059.7	-4139.8	0.0	0.0	0.0
80	9	57280.3	5803.1	3911.1	0.0	-17052.4	25301.5
	109	-53356.3	-5803.1	-3911.1	0.0	0.0	0.0
81	9	57280.3	6165.7	896.7	0.0	-3909.8	26882.3
	109	-53356.3	-6165.7	-896.7	0.0	0.0	0.0
82	9	57280.3	5909.1	668.1	0.0	-2912.8	25763.7
	109	-53356.3	-5909.1	-668.1	0.0	0.0	0.0
83	9	57280.3	6155.7	-30.8	0.0	134.3	26838.9
	109	-53356.3	-6155.7	30.8	0.0	0.0	0.0
84	9	57280.3	5899.1	-259.5	0.0	1131.2	25720.3
	109	-53356.3	-5899.1	259.5	0.0	0.0	0.0
85	9	57280.3	6261.7	-3273.8	0.0	14273.9	27301.1
	109	-53356.3	-6261.7	3273.8	0.0	0.0	0.0
86	9	57280.3	6005.1	-3502.5	0.0	15270.8	26182.5
	109	-53356.3	-6005.1	3502.5	0.0	0.0	0.0
1	10	88228.9	-0.6	184.6	0.0	-804.7	-2.6
	110	-83127.7	0.6	-184.6	0.0	0.0	0.0
2	10	88228.9	11.5	-500.4	0.0	2181.7	50.3
	110	-83127.7	-11.5	500.4	0.0	0.0	0.0
3	10	88228.9	-1048.1	-48.0	0.0	209.1	-4569.7
	110	-83127.7	1048.1	48.0	0.0	0.0	0.0
4	10	88228.9	1055.2	86.8	0.0	-378.5	4600.7
	110	-83127.7	-1055.2	-86.8	0.0	0.0	0.0
5	10	83836.0	-1.0	307.6	0.0	-1341.2	-4.3
	110	-78734.8	1.0	-307.6	0.0	0.0	0.0
6	10	83836.0	19.2	-834.0	0.0	3636.1	83.8

	110	-78734.8	-19.2	834.0	0.0	0.0	0.0
7	10	83836.0	-1746.8	-79.9	0.0	348.6	-7616.2
	110	-78734.8	1746.8	79.9	0.0	0.0	0.0
8	10	83836.0	1758.7	144.7	0.0	-630.9	7667.8
	110	-78734.8	-1758.7	-144.7	0.0	0.0	0.0
9	10	57280.4	-1878.8	7562.3	0.0	-32971.5	-8191.7
	110	-53356.4	1878.8	-7562.3	0.0	0.0	0.0
10	10	57280.4	-1843.1	6046.1	0.0	-26361.1	-8035.7
	110	-53356.4	1843.1	-6046.1	0.0	0.0	0.0
11	10	57280.4	2448.5	7794.3	0.0	-33983.2	10675.5
	110	-53356.4	-2448.5	-7794.3	0.0	0.0	0.0
12	10	57280.4	2484.3	6278.2	0.0	-27372.8	10831.4
	110	-53356.4	-2484.3	-6278.2	0.0	0.0	0.0
13	10	57280.4	-2913.1	6631.4	0.0	-28912.8	-12701.1
	110	-53356.4	2913.1	-6631.4	0.0	0.0	0.0
14	10	57280.4	-2877.3	5115.2	0.0	-22302.5	-12545.2
	110	-53356.4	2877.3	-5115.2	0.0	0.0	0.0
15	10	57280.4	1414.2	6863.4	0.0	-29924.5	6166.1
	110	-53356.4	-1414.2	-6863.4	0.0	0.0	0.0
16	10	57280.4	1450.0	5347.3	0.0	-23314.2	6322.0
	110	-53356.4	-1450.0	-5347.3	0.0	0.0	0.0
17	10	57280.4	-1450.0	-5347.3	0.0	23314.2	-6322.0
	110	-53356.4	1450.0	5347.3	0.0	0.0	0.0
18	10	57280.4	-1414.2	-6863.4	0.0	29924.5	-6166.0
	110	-53356.4	1414.2	6863.4	0.0	0.0	0.0
19	10	57280.4	2877.3	-5115.2	0.0	22302.5	12545.2
	110	-53356.4	-2877.3	5115.2	0.0	0.0	0.0
20	10	57280.4	2913.1	-6631.4	0.0	28912.8	12701.1
	110	-53356.4	-2913.1	6631.4	0.0	0.0	0.0
21	10	57280.4	-2484.3	-6278.2	0.0	27372.8	-10831.4
	110	-53356.4	2484.3	6278.2	0.0	0.0	0.0
22	10	57280.4	-2448.5	-7794.3	0.0	33983.2	-10675.5
	110	-53356.4	2448.5	7794.3	0.0	0.0	0.0
23	10	57280.4	1843.1	-6046.1	0.0	26361.1	8035.7
	110	-53356.4	-1843.1	6046.1	0.0	0.0	0.0
24	10	57280.4	1878.8	-7562.3	0.0	32971.5	8191.7
	110	-53356.4	-1878.8	7562.3	0.0	0.0	0.0
25	10	57280.4	-7181.0	4216.2	0.0	-18382.8	-31309.2
	110	-53356.4	7181.0	-4216.2	0.0	0.0	0.0
26	10	57280.4	-7491.3	3937.0	0.0	-17165.2	-32662.0
	110	-53356.4	7491.3	-3937.0	0.0	0.0	0.0
27	10	57280.4	-7052.3	343.4	0.0	-1497.1	-30748.2
	110	-53356.4	7052.3	-343.4	0.0	0.0	0.0
28	10	57280.4	-7362.6	64.1	0.0	-279.5	-32101.1
	110	-53356.4	7362.6	-64.1	0.0	0.0	0.0
29	10	57280.4	-7061.8	-837.6	0.0	3651.8	-30789.4
	110	-53356.4	7061.8	837.6	0.0	0.0	0.0
30	10	57280.4	-7372.1	-1116.8	0.0	4869.4	-32142.2
	110	-53356.4	7372.1	1116.8	0.0	0.0	0.0
31	10	57280.4	-6933.1	-4710.4	0.0	20537.5	-30228.5
	110	-53356.4	6933.1	4710.4	0.0	0.0	0.0
32	10	57280.4	-7243.4	-4989.7	0.0	21755.1	-31581.3
	110	-53356.4	7243.4	4989.7	0.0	0.0	0.0
33	10	57280.4	7243.4	4989.7	0.0	-21755.1	31581.3
	110	-53356.4	-7243.4	-4989.7	0.0	0.0	0.0
34	10	57280.4	6933.1	4710.4	0.0	-20537.5	30228.5
	110	-53356.4	-6933.1	-4710.4	0.0	0.0	0.0
35	10	57280.4	7372.1	1116.8	0.0	-4869.4	32142.2
	110	-53356.4	-7372.1	-1116.8	0.0	0.0	0.0
36	10	57280.4	7061.8	837.6	0.0	-3651.8	30789.4
	110	-53356.4	-7061.8	-837.6	0.0	0.0	0.0
37	10	57280.4	7362.6	-64.1	0.0	279.5	32101.1
	110	-53356.4	-7362.6	64.1	0.0	0.0	0.0
38	10	57280.4	7052.4	-343.4	0.0	1497.1	30748.3
	110	-53356.4	-7052.4	343.4	0.0	0.0	0.0

39	10	57280.4	7491.3	-3937.0	0.0	17165.2	32662.0
	110	-53356.4	-7491.3	3937.0	0.0	0.0	0.0
40	10	57280.4	7181.0	-4216.2	0.0	18382.8	31309.2
	110	-53356.4	-7181.0	4216.2	0.0	0.0	0.0
41	10	64113.8	-0.4	123.0	0.0	-536.5	-1.7
	110	-60189.8	0.4	-123.0	0.0	0.0	0.0
42	10	64113.8	7.7	-333.6	0.0	1454.5	33.5
	110	-60189.8	-7.7	333.6	0.0	0.0	0.0
43	10	64113.8	-698.7	-32.0	0.0	139.4	-3046.5
	110	-60189.8	698.7	32.0	0.0	0.0	0.0
44	10	64113.8	703.5	57.9	0.0	-252.4	3067.1
	110	-60189.8	-703.5	-57.9	0.0	0.0	0.0
45	10	61185.1	-0.7	205.1	0.0	-894.1	-2.9
	110	-57261.1	0.7	-205.1	0.0	0.0	0.0
46	10	61185.1	12.8	-556.0	0.0	2424.1	55.9
	110	-57261.1	-12.8	556.0	0.0	0.0	0.0
47	10	61185.1	-1164.6	-53.3	0.0	232.4	-5077.5
	110	-57261.1	1164.6	53.3	0.0	0.0	0.0
48	10	61185.1	1172.5	96.5	0.0	-420.6	5111.9
	110	-57261.1	-1172.5	-96.5	0.0	0.0	0.0
49	10	59232.8	0.0	0.0	0.0	-0.0	0.0
	110	-55308.8	-0.0	-0.0	0.0	0.0	0.0
50	10	57280.4	-0.1	41.0	0.0	-178.8	-0.6
	110	-53356.4	0.1	-41.0	0.0	0.0	0.0
51	10	57280.4	2.6	-111.2	0.0	484.8	11.2
	110	-53356.4	-2.6	111.2	0.0	0.0	0.0
52	10	57280.4	-232.9	-10.7	0.0	46.5	-1015.5
	110	-53356.4	232.9	10.7	0.0	0.0	0.0
53	10	57280.4	234.5	19.3	0.0	-84.1	1022.4
	110	-53356.4	-234.5	-19.3	0.0	0.0	0.0
54	10	57280.4	0.0	0.0	0.0	-0.0	0.0
	110	-53356.4	-0.0	-0.0	0.0	0.0	0.0
55	10	57280.4	-1573.2	6316.1	0.0	-27538.4	-6859.1
	110	-53356.4	1573.2	-6316.1	0.0	0.0	0.0
56	10	57280.4	-1544.4	5065.0	0.0	-22083.3	-6733.5
	110	-53356.4	1544.4	-5065.0	0.0	0.0	0.0
57	10	57280.4	2046.2	6507.3	0.0	-28371.9	8921.6
	110	-53356.4	-2046.2	-6507.3	0.0	0.0	0.0
58	10	57280.4	2075.1	5256.2	0.0	-22916.8	9047.3
	110	-53356.4	-2075.1	-5256.2	0.0	0.0	0.0
59	10	57280.4	-2428.4	5553.9	0.0	-24215.2	-10587.8
	110	-53356.4	2428.4	-5553.9	0.0	0.0	0.0
60	10	57280.4	-2399.6	4302.8	0.0	-18760.1	-10462.2
	110	-53356.4	2399.6	-4302.8	0.0	0.0	0.0
61	10	57280.4	1191.0	5745.1	0.0	-25048.8	5192.9
	110	-53356.4	-1191.0	-5745.1	0.0	0.0	0.0
62	10	57280.4	1219.9	4494.0	0.0	-19593.7	5318.6
	110	-53356.4	-1219.9	-4494.0	0.0	0.0	0.0
63	10	57280.4	-1219.9	-4494.0	0.0	19593.7	-5318.6
	110	-53356.4	1219.9	4494.0	0.0	0.0	0.0
64	10	57280.4	-1191.0	-5745.1	0.0	25048.8	-5192.9
	110	-53356.4	1191.0	5745.1	0.0	0.0	0.0
65	10	57280.4	2399.6	-4302.8	0.0	18760.1	10462.2
	110	-53356.4	-2399.6	4302.8	0.0	0.0	0.0
66	10	57280.4	2428.4	-5553.9	0.0	24215.2	10587.8
	110	-53356.4	-2428.4	5553.9	0.0	0.0	0.0
67	10	57280.4	-2075.1	-5256.2	0.0	22916.8	-9047.3
	110	-53356.4	2075.1	5256.2	0.0	0.0	0.0
68	10	57280.4	-2046.2	-6507.3	0.0	28371.9	-8921.6
	110	-53356.4	2046.2	6507.3	0.0	0.0	0.0
69	10	57280.4	1544.4	-5065.0	0.0	22083.3	6733.5
	110	-53356.4	-1544.4	5065.0	0.0	0.0	0.0
70	10	57280.4	1573.2	-6316.1	0.0	27538.4	6859.1
	110	-53356.4	-1573.2	6316.1	0.0	0.0	0.0
71	10	57280.4	-6005.1	3502.5	0.0	-15270.8	-26182.5

	110	-53356.4	6005.1	-3502.5	0.0	0.0	0.0
72	10	57280.4	-6261.7	3273.8	0.0	-14273.9	-27301.1
	110	-53356.4	6261.7	-3273.8	0.0	0.0	0.0
73	10	57280.4	-5899.1	259.5	0.0	-1131.2	-25720.3
	110	-53356.4	5899.1	-259.5	0.0	0.0	0.0
74	10	57280.4	-6155.7	30.8	0.0	-134.3	-26838.9
	110	-53356.4	6155.7	-30.8	0.0	0.0	0.0
75	10	57280.4	-5909.1	-668.1	0.0	2912.8	-25763.7
	110	-53356.4	5909.1	668.1	0.0	0.0	0.0
76	10	57280.4	-6165.7	-896.7	0.0	3909.8	-26882.3
	110	-53356.4	6165.7	896.7	0.0	0.0	0.0
77	10	57280.4	-5803.1	-3911.1	0.0	17052.4	-25301.5
	110	-53356.4	5803.1	3911.1	0.0	0.0	0.0
78	10	57280.4	-6059.7	-4139.8	0.0	18049.4	-26420.1
	110	-53356.4	6059.7	4139.8	0.0	0.0	0.0
79	10	57280.4	6059.7	4139.8	0.0	-18049.4	26420.1
	110	-53356.4	-6059.7	-4139.8	0.0	0.0	0.0
80	10	57280.4	5803.1	3911.1	0.0	-17052.4	25301.5
	110	-53356.4	-5803.1	-3911.1	0.0	0.0	0.0
81	10	57280.4	6165.7	896.7	0.0	-3909.8	26882.3
	110	-53356.4	-6165.7	-896.7	0.0	0.0	0.0
82	10	57280.4	5909.1	668.1	0.0	-2912.8	25763.7
	110	-53356.4	-5909.1	-668.1	0.0	0.0	0.0
83	10	57280.4	6155.7	-30.8	0.0	134.3	26838.9
	110	-53356.4	-6155.7	30.8	0.0	0.0	0.0
84	10	57280.4	5899.1	-259.5	0.0	1131.2	25720.3
	110	-53356.4	-5899.1	259.5	0.0	0.0	0.0
85	10	57280.4	6261.7	-3273.8	0.0	14273.9	27301.1
	110	-53356.4	-6261.7	3273.8	0.0	0.0	0.0
86	10	57280.4	6005.1	-3502.5	0.0	15270.8	26182.5
	110	-53356.4	-6005.1	3502.5	0.0	0.0	0.0
1	11	88228.9	-0.6	184.6	0.0	-804.7	-2.6
	111	-83127.7	0.6	-184.6	0.0	0.0	0.0
2	11	88228.9	11.5	-500.4	0.0	2181.7	50.3
	111	-83127.7	-11.5	500.4	0.0	0.0	0.0
3	11	88228.9	-1048.1	-48.0	0.0	209.1	-4569.7
	111	-83127.7	1048.1	48.0	0.0	0.0	0.0
4	11	88228.9	1055.2	86.8	0.0	-378.5	4600.7
	111	-83127.7	-1055.2	-86.8	0.0	0.0	0.0
5	11	83836.0	-1.0	307.6	0.0	-1341.2	-4.3
	111	-78734.8	1.0	-307.6	0.0	0.0	0.0
6	11	83836.0	19.2	-834.0	0.0	3636.1	83.8
	111	-78734.8	-19.2	834.0	0.0	0.0	0.0
7	11	83836.0	-1746.8	-79.9	0.0	348.6	-7616.2
	111	-78734.8	1746.8	79.9	0.0	0.0	0.0
8	11	83836.0	1758.7	144.7	0.0	-630.9	7667.8
	111	-78734.8	-1758.7	-144.7	0.0	0.0	0.0
9	11	57280.4	-1878.8	7562.3	0.0	-32971.5	-8191.7
	111	-53356.4	1878.8	-7562.3	0.0	0.0	0.0
10	11	57280.4	-1843.1	6046.1	0.0	-26361.1	-8035.7
	111	-53356.4	1843.1	-6046.1	0.0	0.0	0.0
11	11	57280.4	2448.5	7794.3	0.0	-33983.2	10675.5
	111	-53356.4	-2448.5	-7794.3	0.0	0.0	0.0
12	11	57280.4	2484.3	6278.2	0.0	-27372.8	10831.4
	111	-53356.4	-2484.3	-6278.2	0.0	0.0	0.0
13	11	57280.4	-2913.1	6631.4	0.0	-28912.8	-12701.1
	111	-53356.4	2913.1	-6631.4	0.0	0.0	0.0
14	11	57280.4	-2877.3	5115.2	0.0	-22302.5	-12545.2
	111	-53356.4	2877.3	-5115.2	0.0	0.0	0.0
15	11	57280.4	1414.2	6863.4	0.0	-29924.5	6166.1
	111	-53356.4	-1414.2	-6863.4	0.0	0.0	0.0
16	11	57280.4	1450.0	5347.3	0.0	-23314.2	6322.0
	111	-53356.4	-1450.0	-5347.3	0.0	0.0	0.0
17	11	57280.4	-1450.0	-5347.3	0.0	23314.2	-6322.0

	111	-53356.4	1450.0	5347.3	0.0	0.0	0.0
18	11	57280.4	-1414.2	-6863.4	0.0	29924.5	-6166.0
	111	-53356.4	1414.2	6863.4	0.0	0.0	0.0
19	11	57280.4	2877.3	-5115.2	0.0	22302.5	12545.2
	111	-53356.4	-2877.3	5115.2	0.0	0.0	0.0
20	11	57280.4	2913.1	-6631.4	0.0	28912.8	12701.1
	111	-53356.4	-2913.1	6631.4	0.0	0.0	0.0
21	11	57280.4	-2484.3	-6278.2	0.0	27372.8	-10831.4
	111	-53356.4	2484.3	6278.2	0.0	0.0	0.0
22	11	57280.4	-2448.5	-7794.3	0.0	33983.2	-10675.5
	111	-53356.4	2448.5	7794.3	0.0	0.0	0.0
23	11	57280.4	1843.1	-6046.1	0.0	26361.1	8035.7
	111	-53356.4	-1843.1	6046.1	0.0	0.0	0.0
24	11	57280.4	1878.8	-7562.3	0.0	32971.5	8191.7
	111	-53356.4	-1878.8	7562.3	0.0	0.0	0.0
25	11	57280.4	-7181.0	4216.2	0.0	-18382.8	-31309.2
	111	-53356.4	7181.0	-4216.2	0.0	0.0	0.0
26	11	57280.4	-7491.3	3937.0	0.0	-17165.2	-32662.0
	111	-53356.4	7491.3	-3937.0	0.0	0.0	0.0
27	11	57280.4	-7052.3	343.4	0.0	-1497.1	-30748.2
	111	-53356.4	7052.3	-343.4	0.0	0.0	0.0
28	11	57280.4	-7362.6	64.1	0.0	-279.5	-32101.1
	111	-53356.4	7362.6	-64.1	0.0	0.0	0.0
29	11	57280.4	-7061.8	-837.6	0.0	3651.8	-30789.4
	111	-53356.4	7061.8	837.6	0.0	0.0	0.0
30	11	57280.4	-7372.1	-1116.8	0.0	4869.4	-32142.2
	111	-53356.4	7372.1	1116.8	0.0	0.0	0.0
31	11	57280.4	-6933.1	-4710.4	0.0	20537.5	-30228.5
	111	-53356.4	6933.1	4710.4	0.0	0.0	0.0
32	11	57280.4	-7243.4	-4989.7	0.0	21755.1	-31581.3
	111	-53356.4	7243.4	4989.7	0.0	0.0	0.0
33	11	57280.4	7243.4	4989.7	0.0	-21755.1	31581.3
	111	-53356.4	-7243.4	-4989.7	0.0	0.0	0.0
34	11	57280.4	6933.1	4710.4	0.0	-20537.5	30228.5
	111	-53356.4	-6933.1	-4710.4	0.0	0.0	0.0
35	11	57280.4	7372.1	1116.8	0.0	-4869.4	32142.2
	111	-53356.4	-7372.1	-1116.8	0.0	0.0	0.0
36	11	57280.4	7061.8	837.6	0.0	-3651.8	30789.4
	111	-53356.4	-7061.8	-837.6	0.0	0.0	0.0
37	11	57280.4	7362.6	-64.1	0.0	279.5	32101.1
	111	-53356.4	-7362.6	64.1	0.0	0.0	0.0
38	11	57280.4	7052.4	-343.4	0.0	1497.1	30748.3
	111	-53356.4	-7052.4	343.4	0.0	0.0	0.0
39	11	57280.4	7491.3	-3937.0	0.0	17165.2	32662.0
	111	-53356.4	-7491.3	3937.0	0.0	0.0	0.0
40	11	57280.4	7181.0	-4216.2	0.0	18382.8	31309.2
	111	-53356.4	-7181.0	4216.2	0.0	0.0	0.0
41	11	64113.8	-0.4	123.0	0.0	-536.5	-1.7
	111	-60189.8	0.4	-123.0	0.0	0.0	0.0
42	11	64113.8	7.7	-333.6	0.0	1454.5	33.5
	111	-60189.8	-7.7	333.6	0.0	0.0	0.0
43	11	64113.8	-698.7	-32.0	0.0	139.4	-3046.5
	111	-60189.8	698.7	32.0	0.0	0.0	0.0
44	11	64113.8	703.5	57.9	0.0	-252.4	3067.1
	111	-60189.8	-703.5	-57.9	0.0	0.0	0.0
45	11	61185.2	-0.7	205.1	0.0	-894.1	-2.9
	111	-57261.2	0.7	-205.1	0.0	0.0	0.0
46	11	61185.2	12.8	-556.0	0.0	2424.1	55.9
	111	-57261.2	-12.8	556.0	0.0	0.0	0.0
47	11	61185.2	-1164.6	-53.3	0.0	232.4	-5077.5
	111	-57261.2	1164.6	53.3	0.0	0.0	0.0
48	11	61185.2	1172.5	96.5	0.0	-420.6	5111.9
	111	-57261.2	-1172.5	-96.5	0.0	0.0	0.0
49	11	59232.8	0.0	0.0	0.0	-0.0	0.0
	111	-55308.8	-0.0	-0.0	0.0	0.0	0.0

50	11	57280.4	-0.1	41.0	0.0	-178.8	-0.6
	111	-53356.4	0.1	-41.0	0.0	0.0	0.0
51	11	57280.4	2.6	-111.2	0.0	484.8	11.2
	111	-53356.4	-2.6	111.2	0.0	0.0	0.0
52	11	57280.4	-232.9	-10.7	0.0	46.5	-1015.5
	111	-53356.4	232.9	10.7	0.0	0.0	0.0
53	11	57280.4	234.5	19.3	0.0	-84.1	1022.4
	111	-53356.4	-234.5	-19.3	0.0	0.0	0.0
54	11	57280.4	0.0	0.0	0.0	-0.0	0.0
	111	-53356.4	-0.0	-0.0	0.0	0.0	0.0
55	11	57280.4	-1573.2	6316.1	0.0	-27538.4	-6859.1
	111	-53356.4	1573.2	-6316.1	0.0	0.0	0.0
56	11	57280.4	-1544.4	5065.0	0.0	-22083.3	-6733.5
	111	-53356.4	1544.4	-5065.0	0.0	0.0	0.0
57	11	57280.4	2046.2	6507.3	0.0	-28371.9	8921.6
	111	-53356.4	-2046.2	-6507.3	0.0	0.0	0.0
58	11	57280.4	2075.1	5256.2	0.0	-22916.8	9047.3
	111	-53356.4	-2075.1	-5256.2	0.0	0.0	0.0
59	11	57280.4	-2428.4	5553.9	0.0	-24215.2	-10587.8
	111	-53356.4	2428.4	-5553.9	0.0	0.0	0.0
60	11	57280.4	-2399.6	4302.8	0.0	-18760.1	-10462.2
	111	-53356.4	2399.6	-4302.8	0.0	0.0	0.0
61	11	57280.4	1191.0	5745.1	0.0	-25048.8	5192.9
	111	-53356.4	-1191.0	-5745.1	0.0	0.0	0.0
62	11	57280.4	1219.9	4494.0	0.0	-19593.7	5318.6
	111	-53356.4	-1219.9	-4494.0	0.0	0.0	0.0
63	11	57280.4	-1219.9	-4494.0	0.0	19593.7	-5318.6
	111	-53356.4	1219.9	4494.0	0.0	0.0	0.0
64	11	57280.4	-1191.0	-5745.1	0.0	25048.8	-5192.9
	111	-53356.4	1191.0	5745.1	0.0	0.0	0.0
65	11	57280.4	2399.6	-4302.8	0.0	18760.1	10462.2
	111	-53356.4	-2399.6	4302.8	0.0	0.0	0.0
66	11	57280.4	2428.4	-5553.9	0.0	24215.2	10587.8
	111	-53356.4	-2428.4	5553.9	0.0	0.0	0.0
67	11	57280.4	-2075.1	-5256.2	0.0	22916.8	-9047.3
	111	-53356.4	2075.1	5256.2	0.0	0.0	0.0
68	11	57280.4	-2046.2	-6507.3	0.0	28371.9	-8921.6
	111	-53356.4	2046.2	6507.3	0.0	0.0	0.0
69	11	57280.4	1544.4	-5065.0	0.0	22083.3	6733.5
	111	-53356.4	-1544.4	5065.0	0.0	0.0	0.0
70	11	57280.4	1573.2	-6316.1	0.0	27538.4	6859.1
	111	-53356.4	-1573.2	6316.1	0.0	0.0	0.0
71	11	57280.4	-6005.1	3502.5	0.0	-15270.8	-26182.5
	111	-53356.4	6005.1	-3502.5	0.0	0.0	0.0
72	11	57280.4	-6261.7	3273.8	0.0	-14273.9	-27301.1
	111	-53356.4	6261.7	-3273.8	0.0	0.0	0.0
73	11	57280.4	-5899.1	259.5	0.0	-1131.2	-25720.3
	111	-53356.4	5899.1	-259.5	0.0	0.0	0.0
74	11	57280.4	-6155.7	30.8	0.0	-134.3	-26838.9
	111	-53356.4	6155.7	-30.8	0.0	0.0	0.0
75	11	57280.4	-5909.1	-668.1	0.0	2912.8	-25763.7
	111	-53356.4	5909.1	668.1	0.0	0.0	0.0
76	11	57280.4	-6165.7	-896.7	0.0	3909.8	-26882.3
	111	-53356.4	6165.7	896.7	0.0	0.0	0.0
77	11	57280.4	-5803.1	-3911.1	0.0	17052.4	-25301.5
	111	-53356.4	5803.1	3911.1	0.0	0.0	0.0
78	11	57280.4	-6059.7	-4139.8	0.0	18049.4	-26420.1
	111	-53356.4	6059.7	4139.8	0.0	0.0	0.0
79	11	57280.4	6059.7	4139.8	0.0	-18049.4	26420.1
	111	-53356.4	-6059.7	-4139.8	0.0	0.0	0.0
80	11	57280.4	5803.1	3911.1	0.0	-17052.4	25301.5
	111	-53356.4	-5803.1	-3911.1	0.0	0.0	0.0
81	11	57280.4	6165.7	896.7	0.0	-3909.8	26882.3
	111	-53356.4	-6165.7	-896.7	0.0	0.0	0.0
82	11	57280.4	5909.1	668.1	0.0	-2912.8	25763.7

	111	-53356.4	-5909.1	-668.1	0.0	0.0	0.0
83	11	57280.4	6155.7	-30.8	0.0	134.3	26838.9
	111	-53356.4	-6155.7	30.8	0.0	0.0	0.0
84	11	57280.4	5899.1	-259.5	0.0	1131.2	25720.3
	111	-53356.4	-5899.1	259.5	0.0	0.0	0.0
85	11	57280.4	6261.7	-3273.8	0.0	14273.9	27301.1
	111	-53356.4	-6261.7	3273.8	0.0	0.0	0.0
86	11	57280.4	6005.1	-3502.5	0.0	15270.8	26182.5
	111	-53356.4	-6005.1	3502.5	0.0	0.0	0.0
1	12	46665.0	-0.6	184.6	0.0	-804.7	-2.6
	112	-41563.8	0.6	-184.6	0.0	0.0	0.0
2	12	46665.0	11.5	-500.4	0.0	2181.7	50.3
	112	-41563.8	-11.5	500.4	0.0	0.0	0.0
3	12	46665.0	-1048.1	-48.0	0.0	209.1	-4569.7
	112	-41563.8	1048.1	48.0	0.0	0.0	0.0
4	12	46665.0	1055.2	86.8	0.0	-378.5	4600.7
	112	-41563.8	-1055.2	-86.8	0.0	0.0	0.0
5	12	44468.6	-1.0	307.6	0.0	-1341.2	-4.3
	112	-39367.4	1.0	-307.6	0.0	0.0	0.0
6	12	44468.6	19.2	-834.0	0.0	3636.1	83.8
	112	-39367.4	-19.2	834.0	0.0	0.0	0.0
7	12	44468.6	-1746.8	-79.9	0.0	348.6	-7616.2
	112	-39367.4	1746.8	79.9	0.0	0.0	0.0
8	12	44468.6	1758.7	144.7	0.0	-630.9	7667.8
	112	-39367.4	-1758.7	-144.7	0.0	0.0	0.0
9	12	30602.2	-1878.8	7562.3	0.0	-32971.5	-8191.7
	112	-26678.2	1878.8	-7562.3	0.0	0.0	0.0
10	12	30602.2	-1843.1	6046.1	0.0	-26361.1	-8035.7
	112	-26678.2	1843.1	-6046.1	0.0	0.0	0.0
11	12	30602.2	2448.5	7794.3	0.0	-33983.2	10675.5
	112	-26678.2	-2448.5	-7794.3	0.0	0.0	0.0
12	12	30602.2	2484.3	6278.2	0.0	-27372.8	10831.4
	112	-26678.2	-2484.3	-6278.2	0.0	0.0	0.0
13	12	30602.2	-2913.1	6631.4	0.0	-28912.8	-12701.1
	112	-26678.2	2913.1	-6631.4	0.0	0.0	0.0
14	12	30602.2	-2877.3	5115.2	0.0	-22302.5	-12545.2
	112	-26678.2	2877.3	-5115.2	0.0	0.0	0.0
15	12	30602.2	1414.2	6863.4	0.0	-29924.5	6166.1
	112	-26678.2	-1414.2	-6863.4	0.0	0.0	0.0
16	12	30602.2	1450.0	5347.3	0.0	-23314.2	6322.0
	112	-26678.2	-1450.0	-5347.3	0.0	0.0	0.0
17	12	30602.2	-1450.0	-5347.3	0.0	23314.2	-6322.0
	112	-26678.2	1450.0	5347.3	0.0	0.0	0.0
18	12	30602.2	-1414.2	-6863.4	0.0	29924.5	-6166.0
	112	-26678.2	1414.2	6863.4	0.0	0.0	0.0
19	12	30602.2	2877.3	-5115.2	0.0	22302.5	12545.2
	112	-26678.2	-2877.3	5115.2	0.0	0.0	0.0
20	12	30602.2	2913.1	-6631.4	0.0	28912.8	12701.1
	112	-26678.2	-2913.1	6631.4	0.0	0.0	0.0
21	12	30602.2	-2484.3	-6278.2	0.0	27372.8	-10831.4
	112	-26678.2	2484.3	6278.2	0.0	0.0	0.0
22	12	30602.2	-2448.5	-7794.3	0.0	33983.2	-10675.5
	112	-26678.2	2448.5	7794.3	0.0	0.0	0.0
23	12	30602.2	1843.1	-6046.1	0.0	26361.1	8035.7
	112	-26678.2	-1843.1	6046.1	0.0	0.0	0.0
24	12	30602.2	1878.8	-7562.3	0.0	32971.5	8191.7
	112	-26678.2	-1878.8	7562.3	0.0	0.0	0.0
25	12	30602.2	-7181.0	4216.2	0.0	-18382.8	-31309.2
	112	-26678.2	7181.0	-4216.2	0.0	0.0	0.0
26	12	30602.2	-7491.3	3937.0	0.0	-17165.2	-32662.0
	112	-26678.2	7491.3	-3937.0	0.0	0.0	0.0
27	12	30602.2	-7052.3	343.4	0.0	-1497.1	-30748.2
	112	-26678.2	7052.3	-343.4	0.0	0.0	0.0
28	12	30602.2	-7362.6	64.1	0.0	-279.5	-32101.1

	112	-26678.2	7362.6	-64.1	0.0	0.0	0.0
29	12	30602.2	-7061.8	-837.6	0.0	3651.8	-30789.4
	112	-26678.2	7061.8	837.6	0.0	0.0	0.0
30	12	30602.2	-7372.1	-1116.8	0.0	4869.4	-32142.2
	112	-26678.2	7372.1	1116.8	0.0	0.0	0.0
31	12	30602.2	-6933.1	-4710.4	0.0	20537.5	-30228.5
	112	-26678.2	6933.1	4710.4	0.0	0.0	0.0
32	12	30602.2	-7243.4	-4989.7	0.0	21755.1	-31581.3
	112	-26678.2	7243.4	4989.7	0.0	0.0	0.0
33	12	30602.2	7243.4	4989.7	0.0	-21755.1	31581.3
	112	-26678.2	-7243.4	-4989.7	0.0	0.0	0.0
34	12	30602.2	6933.1	4710.4	0.0	-20537.5	30228.5
	112	-26678.2	-6933.1	-4710.4	0.0	0.0	0.0
35	12	30602.2	7372.1	1116.8	0.0	-4869.4	32142.2
	112	-26678.2	-7372.1	-1116.8	0.0	0.0	0.0
36	12	30602.2	7061.8	837.6	0.0	-3651.8	30789.4
	112	-26678.2	-7061.8	-837.6	0.0	0.0	0.0
37	12	30602.2	7362.6	-64.1	0.0	279.5	32101.1
	112	-26678.2	-7362.6	64.1	0.0	0.0	0.0
38	12	30602.2	7052.4	-343.4	0.0	1497.1	30748.3
	112	-26678.2	-7052.4	343.4	0.0	0.0	0.0
39	12	30602.2	7491.3	-3937.0	0.0	17165.2	32662.0
	112	-26678.2	-7491.3	3937.0	0.0	0.0	0.0
40	12	30602.2	7181.0	-4216.2	0.0	18382.8	31309.2
	112	-26678.2	-7181.0	4216.2	0.0	0.0	0.0
41	12	34018.9	-0.4	123.0	0.0	-536.5	-1.7
	112	-30094.9	0.4	-123.0	0.0	0.0	0.0
42	12	34018.9	7.7	-333.6	0.0	1454.5	33.5
	112	-30094.9	-7.7	333.6	0.0	0.0	0.0
43	12	34018.9	-698.7	-32.0	0.0	139.4	-3046.5
	112	-30094.9	698.7	32.0	0.0	0.0	0.0
44	12	34018.9	703.5	57.9	0.0	-252.4	3067.1
	112	-30094.9	-703.5	-57.9	0.0	0.0	0.0
45	12	32554.6	-0.7	205.1	0.0	-894.1	-2.9
	112	-28630.6	0.7	-205.1	0.0	0.0	0.0
46	12	32554.6	12.8	-556.0	0.0	2424.1	55.9
	112	-28630.6	-12.8	556.0	0.0	0.0	0.0
47	12	32554.6	-1164.6	-53.3	0.0	232.4	-5077.5
	112	-28630.6	1164.6	53.3	0.0	0.0	0.0
48	12	32554.6	1172.5	96.5	0.0	-420.6	5111.9
	112	-28630.6	-1172.5	-96.5	0.0	0.0	0.0
49	12	31578.4	0.0	0.0	0.0	-0.0	0.0
	112	-27654.4	-0.0	-0.0	0.0	0.0	0.0
50	12	30602.2	-0.1	41.0	0.0	-178.8	-0.6
	112	-26678.2	0.1	-41.0	0.0	0.0	0.0
51	12	30602.2	2.6	-111.2	0.0	484.8	11.2
	112	-26678.2	-2.6	111.2	0.0	0.0	0.0
52	12	30602.2	-232.9	-10.7	0.0	46.5	-1015.5
	112	-26678.2	232.9	10.7	0.0	0.0	0.0
53	12	30602.2	234.5	19.3	0.0	-84.1	1022.4
	112	-26678.2	-234.5	-19.3	0.0	0.0	0.0
54	12	30602.2	0.0	0.0	0.0	-0.0	0.0
	112	-26678.2	-0.0	-0.0	0.0	0.0	0.0
55	12	30602.2	-1573.2	6316.1	0.0	-27538.4	-6859.1
	112	-26678.2	1573.2	-6316.1	0.0	0.0	0.0
56	12	30602.2	-1544.4	5065.0	0.0	-22083.3	-6733.5
	112	-26678.2	1544.4	-5065.0	0.0	0.0	0.0
57	12	30602.2	2046.2	6507.3	0.0	-28371.9	8921.6
	112	-26678.2	-2046.2	-6507.3	0.0	0.0	0.0
58	12	30602.2	2075.1	5256.2	0.0	-22916.8	9047.3
	112	-26678.2	-2075.1	-5256.2	0.0	0.0	0.0
59	12	30602.2	-2428.4	5553.9	0.0	-24215.2	-10587.8
	112	-26678.2	2428.4	-5553.9	0.0	0.0	0.0
60	12	30602.2	-2399.6	4302.8	0.0	-18760.1	-10462.2
	112	-26678.2	2399.6	-4302.8	0.0	0.0	0.0

61	12	30602.2	1191.0	5745.1	0.0	-25048.8	5192.9
	112	-26678.2	-1191.0	-5745.1	0.0	0.0	0.0
62	12	30602.2	1219.9	4494.0	0.0	-19593.7	5318.6
	112	-26678.2	-1219.9	-4494.0	0.0	0.0	0.0
63	12	30602.2	-1219.9	-4494.0	0.0	19593.7	-5318.6
	112	-26678.2	1219.9	4494.0	0.0	0.0	0.0
64	12	30602.2	-1191.0	-5745.1	0.0	25048.8	-5192.9
	112	-26678.2	1191.0	5745.1	0.0	0.0	0.0
65	12	30602.2	2399.6	-4302.8	0.0	18760.1	10462.2
	112	-26678.2	-2399.6	4302.8	0.0	0.0	0.0
66	12	30602.2	2428.4	-5553.9	0.0	24215.2	10587.8
	112	-26678.2	-2428.4	5553.9	0.0	0.0	0.0
67	12	30602.2	-2075.1	-5256.2	0.0	22916.8	-9047.3
	112	-26678.2	2075.1	5256.2	0.0	0.0	0.0
68	12	30602.2	-2046.2	-6507.3	0.0	28371.9	-8921.6
	112	-26678.2	2046.2	6507.3	0.0	0.0	0.0
69	12	30602.2	1544.4	-5065.0	0.0	22083.3	6733.5
	112	-26678.2	-1544.4	5065.0	0.0	0.0	0.0
70	12	30602.2	1573.2	-6316.1	0.0	27538.4	6859.1
	112	-26678.2	-1573.2	6316.1	0.0	0.0	0.0
71	12	30602.2	-6005.1	3502.5	0.0	-15270.8	-26182.5
	112	-26678.2	6005.1	-3502.5	0.0	0.0	0.0
72	12	30602.2	-6261.7	3273.8	0.0	-14273.9	-27301.1
	112	-26678.2	6261.7	-3273.8	0.0	0.0	0.0
73	12	30602.2	-5899.1	259.5	0.0	-1131.2	-25720.3
	112	-26678.2	5899.1	-259.5	0.0	0.0	0.0
74	12	30602.2	-6155.7	30.8	0.0	-134.3	-26838.9
	112	-26678.2	6155.7	-30.8	0.0	0.0	0.0
75	12	30602.2	-5909.1	-668.1	0.0	2912.8	-25763.7
	112	-26678.2	5909.1	668.1	0.0	0.0	0.0
76	12	30602.2	-6165.7	-896.7	0.0	3909.8	-26882.3
	112	-26678.2	6165.7	896.7	0.0	0.0	0.0
77	12	30602.2	-5803.1	-3911.1	0.0	17052.4	-25301.5
	112	-26678.2	5803.1	3911.1	0.0	0.0	0.0
78	12	30602.2	-6059.7	-4139.8	0.0	18049.4	-26420.1
	112	-26678.2	6059.7	4139.8	0.0	0.0	0.0
79	12	30602.2	6059.7	4139.8	0.0	-18049.4	26420.1
	112	-26678.2	-6059.7	-4139.8	0.0	0.0	0.0
80	12	30602.2	5803.1	3911.1	0.0	-17052.4	25301.5
	112	-26678.2	-5803.1	-3911.1	0.0	0.0	0.0
81	12	30602.2	6165.7	896.7	0.0	-3909.8	26882.3
	112	-26678.2	-6165.7	-896.7	0.0	0.0	0.0
82	12	30602.2	5909.1	668.1	0.0	-2912.8	25763.7
	112	-26678.2	-5909.1	-668.1	0.0	0.0	0.0
83	12	30602.2	6155.7	-30.8	0.0	134.3	26838.9
	112	-26678.2	-6155.7	30.8	0.0	0.0	0.0
84	12	30602.2	5899.1	-259.5	0.0	1131.2	25720.3
	112	-26678.2	-5899.1	259.5	0.0	0.0	0.0
85	12	30602.2	6261.7	-3273.8	0.0	14273.9	27301.1
	112	-26678.2	-6261.7	3273.8	0.0	0.0	0.0
86	12	30602.2	6005.1	-3502.5	0.0	15270.8	26182.5
	112	-26678.2	-6005.1	3502.5	0.0	0.0	0.0
1	13	41391.4	-2.8	93.2	1.7	-801.9	-23.7
	213	-31329.4	2.8	-93.2	-1.7	0.0	0.0
2	13	41391.4	53.8	-275.3	-33.4	2367.2	463.0
	213	-31329.4	-53.8	275.3	33.4	0.0	0.0
3	13	41391.4	-558.5	-4.1	25.4	34.9	-4802.9
	213	-31329.4	558.5	4.1	-25.4	0.0	0.0
4	13	41391.4	591.6	7.3	-46.0	-63.1	5088.1
	213	-31329.4	-591.6	-7.3	46.0	0.0	0.0
5	13	38761.2	-4.6	155.4	2.9	-1336.5	-39.5
	213	-28699.2	4.6	-155.4	-2.9	0.0	0.0
6	13	38761.2	89.7	-458.8	-55.7	3945.3	771.7
	213	-28699.2	-89.7	458.8	55.7	0.0	0.0

7	13	38761.2	-930.8	-6.8	42.4	58.1	-8004.9
	213	-28699.2	930.8	6.8	-42.4	0.0	0.0
8	13	38761.2	986.1	12.2	-76.7	-105.2	8480.1
	213	-28699.2	-986.1	-12.2	76.7	0.0	0.0
9	13	27320.9	236.4	3411.1	-874.2	-29335.5	2032.7
	213	-19580.9	-236.4	-3411.1	874.2	0.0	0.0
10	13	27320.9	-111.6	2874.2	-447.0	-24718.3	-959.7
	213	-19580.9	111.6	-2874.2	447.0	0.0	0.0
11	13	27320.9	2257.0	3500.5	-951.0	-30104.1	19410.4
	213	-19580.9	-2257.0	-3500.5	951.0	0.0	0.0
12	13	27320.9	1909.1	2963.6	-523.7	-25486.9	16418.0
	213	-19580.9	-1909.1	-2963.6	523.7	0.0	0.0
13	13	27320.9	-3173.8	2848.3	1283.0	-24495.1	-27294.9
	213	-19580.9	3173.8	-2848.3	-1283.0	0.0	0.0
14	13	27320.9	-3521.8	2311.4	1710.3	-19877.9	-30287.4
	213	-19580.9	3521.8	-2311.4	-1710.3	0.0	0.0
15	13	27320.9	-1153.2	2937.6	1206.2	-25263.7	-9917.2
	213	-19580.9	1153.2	-2937.6	-1206.2	0.0	0.0
16	13	27320.9	-1501.1	2400.8	1633.5	-20646.5	-12909.6
	213	-19580.9	1501.1	-2400.8	-1633.5	0.0	0.0
17	13	27320.9	1501.1	-2400.8	-1633.5	20646.5	12909.6
	213	-19580.9	-1501.1	2400.8	1633.5	0.0	0.0
18	13	27320.9	1153.2	-2937.6	-1206.2	25263.7	9917.2
	213	-19580.9	-1153.2	2937.6	1206.2	0.0	0.0
19	13	27320.9	3521.8	-2311.4	-1710.3	19877.9	30287.4
	213	-19580.9	-3521.8	2311.4	1710.3	0.0	0.0
20	13	27320.9	3173.8	-2848.3	-1283.0	24495.1	27294.9
	213	-19580.9	-3173.8	2848.3	1283.0	0.0	0.0
21	13	27320.9	-1909.1	-2963.6	523.7	25486.9	-16418.0
	213	-19580.9	1909.1	2963.6	-523.7	0.0	0.0
22	13	27320.9	-2257.0	-3500.5	951.0	30104.1	-19410.4
	213	-19580.9	2257.0	3500.5	-951.0	0.0	0.0
23	13	27320.9	111.6	-2874.2	447.0	24718.3	959.7
	213	-19580.9	-111.6	2874.2	-447.0	0.0	0.0
24	13	27320.9	-236.4	-3411.1	874.2	29335.5	-2032.7
	213	-19580.9	236.4	3411.1	-874.2	0.0	0.0
25	13	27320.9	-2466.0	1702.1	-793.8	-14637.7	-21207.9
	213	-19580.9	2466.0	-1702.1	793.8	0.0	0.0
26	13	27320.9	-3489.1	1533.2	-146.7	-13185.6	-30006.2
	213	-19580.9	3489.1	-1533.2	146.7	0.0	0.0
27	13	27320.9	-2086.6	-41.5	-1021.6	356.9	-17944.9
	213	-19580.9	2086.6	41.5	1021.6	0.0	0.0
28	13	27320.9	-3109.7	-210.4	-374.4	1809.0	-26743.1
	213	-19580.9	3109.7	210.4	374.4	0.0	0.0
29	13	27320.9	-3625.9	-87.6	630.4	753.0	-31182.6
	213	-19580.9	3625.9	87.6	-630.4	0.0	0.0
30	13	27320.9	-4648.9	-256.4	1277.5	2205.2	-39980.9
	213	-19580.9	4648.9	256.4	-1277.5	0.0	0.0
31	13	27320.9	-3246.5	-1831.1	402.6	15747.6	-27919.6
	213	-19580.9	3246.5	1831.1	-402.6	0.0	0.0
32	13	27320.9	-4269.5	-2000.0	1049.7	17199.8	-36717.8
	213	-19580.9	4269.5	2000.0	-1049.7	0.0	0.0
33	13	27320.9	4269.5	2000.0	-1049.7	-17199.8	36717.8
	213	-19580.9	-4269.5	-2000.0	1049.7	0.0	0.0
34	13	27320.9	3246.5	1831.1	-402.6	-15747.6	27919.6
	213	-19580.9	-3246.5	-1831.1	402.6	0.0	0.0
35	13	27320.9	4648.9	256.4	-1277.5	-2205.2	39980.9
	213	-19580.9	-4648.9	-256.4	1277.5	0.0	0.0
36	13	27320.9	3625.9	87.6	-630.4	-753.0	31182.6
	213	-19580.9	-3625.9	-87.6	630.4	0.0	0.0
37	13	27320.9	3109.7	210.4	374.4	-1809.0	26743.2
	213	-19580.9	-3109.7	-210.4	-374.4	0.0	0.0
38	13	27320.9	2086.6	41.5	1021.6	-356.9	17944.9
	213	-19580.9	-2086.6	-41.5	-1021.6	0.0	0.0
39	13	27320.9	3489.1	-1533.2	146.7	13185.6	30006.2

	213	-19580.9	-3489.1	1533.2	-146.7	0.0	0.0
40	13	27320.9	2466.0	-1702.1	793.8	14637.7	21207.9
	213	-19580.9	-2466.0	1702.1	-793.8	0.0	0.0
41	13	30827.9	-1.8	62.2	1.1	-534.6	-15.8
	213	-23087.9	1.8	-62.2	-1.1	0.0	0.0
42	13	30827.9	35.9	-183.5	-22.3	1578.1	308.7
	213	-23087.9	-35.9	183.5	22.3	0.0	0.0
43	13	30827.9	-372.3	-2.7	16.9	23.3	-3202.0
	213	-23087.9	372.3	2.7	-16.9	0.0	0.0
44	13	30827.9	394.4	4.9	-30.7	-42.1	3392.0
	213	-23087.9	-394.4	-4.9	30.7	0.0	0.0
45	13	29074.4	-3.1	103.6	1.9	-891.0	-26.3
	213	-21334.4	3.1	-103.6	-1.9	0.0	0.0
46	13	29074.4	59.8	-305.8	-37.1	2630.2	514.4
	213	-21334.4	-59.8	305.8	37.1	0.0	0.0
47	13	29074.4	-620.5	-4.5	28.2	38.8	-5336.6
	213	-21334.4	620.5	4.5	-28.2	0.0	0.0
48	13	29074.4	657.4	8.2	-51.1	-70.1	5653.4
	213	-21334.4	-657.4	-8.2	51.1	0.0	0.0
49	13	28022.3	0.0	0.0	-0.0	-0.0	0.0
	213	-20282.3	-0.0	-0.0	0.0	0.0	0.0
50	13	27320.9	-0.6	20.7	0.4	-178.2	-5.3
	213	-19580.9	0.6	-20.7	-0.4	0.0	0.0
51	13	27320.9	12.0	-61.2	-7.4	526.0	102.9
	213	-19580.9	-12.0	61.2	7.4	0.0	0.0
52	13	27320.9	-124.1	-0.9	5.6	7.8	-1067.3
	213	-19580.9	124.1	0.9	-5.6	0.0	0.0
53	13	27320.9	131.5	1.6	-10.2	-14.0	1130.7
	213	-19580.9	-131.5	-1.6	10.2	0.0	0.0
54	13	27320.9	0.0	0.0	-0.0	-0.0	0.0
	213	-19580.9	-0.0	-0.0	0.0	0.0	0.0
55	13	27320.9	195.2	2814.4	-721.4	-24203.9	1678.5
	213	-19580.9	-195.2	-2814.4	721.4	0.0	0.0
56	13	27320.9	-91.9	2371.4	-368.9	-20394.4	-790.3
	213	-19580.9	91.9	-2371.4	368.9	0.0	0.0
57	13	27320.9	1862.4	2888.1	-784.7	-24838.1	16016.4
	213	-19580.9	-1862.4	-2888.1	784.7	0.0	0.0
58	13	27320.9	1575.3	2445.2	-432.2	-21028.6	13547.7
	213	-19580.9	-1575.3	-2445.2	432.2	0.0	0.0
59	13	27320.9	-2618.7	2350.1	1058.6	-20210.7	-22521.2
	213	-19580.9	2618.7	-2350.1	-1058.6	0.0	0.0
60	13	27320.9	-2905.8	1907.1	1411.2	-16401.2	-24989.9
	213	-19580.9	2905.8	-1907.1	-1411.2	0.0	0.0
61	13	27320.9	-951.5	2423.8	995.3	-20844.8	-8183.3
	213	-19580.9	951.5	-2423.8	-995.3	0.0	0.0
62	13	27320.9	-1238.6	1980.9	1347.8	-17035.3	-10652.0
	213	-19580.9	1238.6	-1980.9	-1347.8	0.0	0.0
63	13	27320.9	1238.6	-1980.9	-1347.8	17035.3	10652.0
	213	-19580.9	-1238.6	1980.9	1347.8	0.0	0.0
64	13	27320.9	951.5	-2423.8	-995.3	20844.8	8183.2
	213	-19580.9	-951.5	2423.8	995.3	0.0	0.0
65	13	27320.9	2905.8	-1907.1	-1411.2	16401.2	24989.9
	213	-19580.9	-2905.8	1907.1	1411.2	0.0	0.0
66	13	27320.9	2618.7	-2350.1	-1058.6	20210.7	22521.2
	213	-19580.9	-2618.7	2350.1	1058.6	0.0	0.0
67	13	27320.9	-1575.3	-2445.2	432.2	21028.6	-13547.7
	213	-19580.9	1575.3	2445.2	-432.2	0.0	0.0
68	13	27320.9	-1862.4	-2888.1	784.7	24838.1	-16016.4
	213	-19580.9	1862.4	2888.1	-784.7	0.0	0.0
69	13	27320.9	91.9	-2371.4	368.9	20394.4	790.3
	213	-19580.9	-91.9	2371.4	-368.9	0.0	0.0
70	13	27320.9	-195.2	-2814.4	721.4	24203.9	-1678.5
	213	-19580.9	195.2	2814.4	-721.4	0.0	0.0
71	13	27320.9	-2034.6	1404.3	-655.0	-12077.1	-17498.0
	213	-19580.9	2034.6	-1404.3	655.0	0.0	0.0

72	13	27320.9	-2878.8	1265.0	-121.0	-10879.1	-24757.9
	213	-19580.9	2878.8	-1265.0	121.0	0.0	0.0
73	13	27320.9	-1721.6	-34.3	-842.9	294.7	-14805.9
	213	-19580.9	1721.6	34.3	842.9	0.0	0.0
74	13	27320.9	-2565.8	-173.6	-308.9	1492.7	-22065.8
	213	-19580.9	2565.8	173.6	308.9	0.0	0.0
75	13	27320.9	-2991.5	-72.2	520.1	621.2	-25727.2
	213	-19580.9	2991.5	72.2	-520.1	0.0	0.0
76	13	27320.9	-3835.7	-211.5	1054.1	1819.2	-32987.1
	213	-19580.9	3835.7	211.5	-1054.1	0.0	0.0
77	13	27320.9	-2678.5	-1510.8	332.1	12992.9	-23035.2
	213	-19580.9	2678.5	1510.8	-332.1	0.0	0.0
78	13	27320.9	-3522.7	-1650.1	866.1	14190.9	-30295.1
	213	-19580.9	3522.7	1650.1	-866.1	0.0	0.0
79	13	27320.9	3522.7	1650.1	-866.1	-14190.9	30295.1
	213	-19580.9	-3522.7	-1650.1	866.1	0.0	0.0
80	13	27320.9	2678.5	1510.8	-332.1	-12992.9	23035.2
	213	-19580.9	-2678.5	-1510.8	332.1	0.0	0.0
81	13	27320.9	3835.7	211.5	-1054.1	-1819.2	32987.1
	213	-19580.9	-3835.7	-211.5	1054.1	0.0	0.0
82	13	27320.9	2991.5	72.2	-520.1	-621.2	25727.2
	213	-19580.9	-2991.5	-72.2	520.1	0.0	0.0
83	13	27320.9	2565.8	173.6	308.9	-1492.7	22065.8
	213	-19580.9	-2565.8	-173.6	-308.9	0.0	0.0
84	13	27320.9	1721.6	34.3	842.9	-294.7	14805.9
	213	-19580.9	-1721.6	-34.3	-842.9	0.0	0.0
85	13	27320.9	2878.8	-1265.0	121.0	10879.1	24757.9
	213	-19580.9	-2878.8	1265.0	-121.0	0.0	0.0
86	13	27320.9	2034.6	-1404.3	655.0	12077.1	17498.0
	213	-19580.9	-2034.6	1404.3	-655.0	0.0	0.0
1	14	120058.1	-1.8	93.2	1.7	-801.9	-15.2
	214	-109996.1	1.8	-93.2	-1.7	0.0	0.0
2	14	120058.1	34.6	-275.3	-33.4	2367.2	297.6
	214	-109996.1	-34.6	275.3	33.4	0.0	0.0
3	14	120058.1	-543.9	-4.1	25.4	34.9	-4677.2
	214	-109996.1	543.9	4.1	-25.4	0.0	0.0
4	14	120058.1	565.2	7.3	-46.0	-63.1	4860.4
	214	-109996.1	-565.2	-7.3	46.0	0.0	0.0
5	14	107804.5	-3.0	155.4	2.9	-1336.5	-25.4
	214	-97742.5	3.0	-155.4	-2.9	0.0	0.0
6	14	107804.5	57.7	-458.8	-55.7	3945.3	495.9
	214	-97742.5	-57.7	458.8	55.7	0.0	0.0
7	14	107804.5	-906.4	-6.8	42.4	58.1	-7795.3
	214	-97742.5	906.4	6.8	-42.4	0.0	0.0
8	14	107804.5	941.9	12.2	-76.7	-105.2	8100.7
	214	-97742.5	-941.9	-12.2	76.7	0.0	0.0
9	14	71301.3	-196.8	3411.1	-874.2	-29335.5	-1692.8
	214	-63561.3	196.8	-3411.1	874.2	0.0	0.0
10	14	71301.3	-398.7	2874.2	-447.0	-24718.3	-3429.2
	214	-63561.3	398.7	-2874.2	447.0	0.0	0.0
11	14	71301.3	1748.3	3500.5	-951.0	-30104.1	15035.6
	214	-63561.3	-1748.3	-3500.5	951.0	0.0	0.0
12	14	71301.3	1546.4	2963.6	-523.7	-25486.9	13299.2
	214	-63561.3	-1546.4	-2963.6	523.7	0.0	0.0
13	14	71301.3	-2377.7	2848.3	1283.0	-24495.1	-20448.3
	214	-63561.3	2377.7	-2848.3	-1283.0	0.0	0.0
14	14	71301.3	-2579.6	2311.4	1710.3	-19877.9	-22184.7
	214	-63561.3	2579.6	-2311.4	-1710.3	0.0	0.0
15	14	71301.3	-432.6	2937.6	1206.2	-25263.7	-3720.0
	214	-63561.3	432.6	-2937.6	-1206.2	0.0	0.0
16	14	71301.3	-634.5	2400.8	1633.5	-20646.5	-5456.4
	214	-63561.3	634.5	-2400.8	-1633.5	0.0	0.0
17	14	71301.3	634.5	-2400.8	-1633.5	20646.5	5456.4
	214	-63561.3	-634.5	2400.8	1633.5	0.0	0.0

18	14	71301.3	432.6	-2937.6	-1206.2	25263.7	3720.0
	214	-63561.3	-432.6	2937.6	1206.2	0.0	0.0
19	14	71301.3	2579.6	-2311.4	-1710.3	19877.9	22184.7
	214	-63561.3	-2579.6	2311.4	1710.3	0.0	0.0
20	14	71301.3	2377.7	-2848.3	-1283.0	24495.1	20448.3
	214	-63561.3	-2377.7	2848.3	1283.0	0.0	0.0
21	14	71301.3	-1546.4	-2963.6	523.7	25486.9	-13299.2
	214	-63561.3	1546.4	2963.6	-523.7	0.0	0.0
22	14	71301.3	-1748.3	-3500.5	951.0	30104.1	-15035.6
	214	-63561.3	1748.3	3500.5	-951.0	0.0	0.0
23	14	71301.3	398.7	-2874.2	447.0	24718.3	3429.2
	214	-63561.3	-398.7	2874.2	-447.0	0.0	0.0
24	14	71301.3	196.8	-3411.1	874.2	29335.5	1692.8
	214	-63561.3	-196.8	3411.1	-874.2	0.0	0.0
25	14	71301.3	-2703.0	1702.1	-793.8	-14637.7	-23245.7
	214	-63561.3	2703.0	-1702.1	793.8	0.0	0.0
26	14	71301.3	-3357.2	1533.2	-146.7	-13185.6	-28872.3
	214	-63561.3	3357.2	-1533.2	146.7	0.0	0.0
27	14	71301.3	-2453.6	-41.5	-1021.6	356.9	-21100.9
	214	-63561.3	2453.6	41.5	1021.6	0.0	0.0
28	14	71301.3	-3107.9	-210.4	-374.4	1809.0	-26727.6
	214	-63561.3	3107.9	210.4	374.4	0.0	0.0
29	14	71301.3	-3376.0	-87.6	630.4	753.0	-29033.7
	214	-63561.3	3376.0	87.6	-630.4	0.0	0.0
30	14	71301.3	-4030.3	-256.4	1277.5	2205.2	-34660.3
	214	-63561.3	4030.3	256.4	-1277.5	0.0	0.0
31	14	71301.3	-3126.6	-1831.1	402.6	15747.6	-26888.9
	214	-63561.3	3126.6	1831.1	-402.6	0.0	0.0
32	14	71301.3	-3780.9	-2000.0	1049.7	17199.8	-32515.6
	214	-63561.3	3780.9	2000.0	-1049.7	0.0	0.0
33	14	71301.3	3780.9	2000.0	-1049.7	-17199.8	32515.6
	214	-63561.3	-3780.9	-2000.0	1049.7	0.0	0.0
34	14	71301.3	3126.6	1831.1	-402.6	-15747.6	26888.9
	214	-63561.3	-3126.6	-1831.1	402.6	0.0	0.0
35	14	71301.3	4030.3	256.4	-1277.5	-2205.2	34660.3
	214	-63561.3	-4030.3	-256.4	1277.5	0.0	0.0
36	14	71301.3	3376.0	87.6	-630.4	-753.0	29033.7
	214	-63561.3	-3376.0	-87.6	630.4	0.0	0.0
37	14	71301.3	3107.9	210.4	374.4	-1809.0	26727.6
	214	-63561.3	-3107.9	-210.4	-374.4	0.0	0.0
38	14	71301.3	2453.6	41.5	1021.6	-356.9	21100.9
	214	-63561.3	-2453.6	-41.5	-1021.6	0.0	0.0
39	14	71301.3	3357.2	-1533.2	146.7	13185.6	28872.3
	214	-63561.3	-3357.2	1533.2	-146.7	0.0	0.0
40	14	71301.3	2703.0	-1702.1	793.8	14637.7	23245.7
	214	-63561.3	-2703.0	1702.1	-793.8	0.0	0.0
41	14	87639.5	-1.2	62.2	1.1	-534.6	-10.1
	214	-79899.5	1.2	-62.2	-1.1	0.0	0.0
42	14	87639.5	23.1	-183.5	-22.3	1578.1	198.4
	214	-79899.5	-23.1	183.5	22.3	0.0	0.0
43	14	87639.5	-362.6	-2.7	16.9	23.3	-3118.1
	214	-79899.5	362.6	2.7	-16.9	0.0	0.0
44	14	87639.5	376.8	4.9	-30.7	-42.1	3240.3
	214	-79899.5	-376.8	-4.9	30.7	0.0	0.0
45	14	79470.4	-2.0	103.6	1.9	-891.0	-16.9
	214	-71730.4	2.0	-103.6	-1.9	0.0	0.0
46	14	79470.4	38.4	-305.8	-37.1	2630.2	330.6
	214	-71730.4	-38.4	305.8	37.1	0.0	0.0
47	14	79470.4	-604.3	-4.5	28.2	38.8	-5196.8
	214	-71730.4	604.3	4.5	-28.2	0.0	0.0
48	14	79470.4	628.0	8.2	-51.1	-70.1	5400.4
	214	-71730.4	-628.0	-8.2	51.1	0.0	0.0
49	14	74569.0	0.0	0.0	-0.0	-0.0	0.0
	214	-66829.0	-0.0	-0.0	0.0	0.0	0.0
50	14	71301.3	-0.4	20.7	0.4	-178.2	-3.4

	214	-63561.3	0.4	-20.7	-0.4	0.0	0.0
51	14	71301.3	7.7	-61.2	-7.4	526.0	66.1
	214	-63561.3	-7.7	61.2	7.4	0.0	0.0
52	14	71301.3	-120.9	-0.9	5.6	7.8	-1039.4
	214	-63561.3	120.9	0.9	-5.6	0.0	0.0
53	14	71301.3	125.6	1.6	-10.2	-14.0	1080.1
	214	-63561.3	-125.6	-1.6	10.2	0.0	0.0
54	14	71301.3	0.0	0.0	-0.0	-0.0	0.0
	214	-63561.3	-0.0	-0.0	0.0	0.0	0.0
55	14	71301.3	-162.3	2814.4	-721.4	-24203.9	-1395.8
	214	-63561.3	162.3	-2814.4	721.4	0.0	0.0
56	14	71301.3	-328.9	2371.4	-368.9	-20394.4	-2828.3
	214	-63561.3	328.9	-2371.4	368.9	0.0	0.0
57	14	71301.3	1442.6	2888.1	-784.7	-24838.1	12406.3
	214	-63561.3	-1442.6	-2888.1	784.7	0.0	0.0
58	14	71301.3	1276.0	2445.2	-432.2	-21028.6	10973.8
	214	-63561.3	-1276.0	-2445.2	432.2	0.0	0.0
59	14	71301.3	-1961.8	2350.1	1058.6	-20210.7	-16871.9
	214	-63561.3	1961.8	-2350.1	-1058.6	0.0	0.0
60	14	71301.3	-2128.4	1907.1	1411.2	-16401.2	-18304.4
	214	-63561.3	2128.4	-1907.1	-1411.2	0.0	0.0
61	14	71301.3	-357.0	2423.8	995.3	-20844.8	-3069.8
	214	-63561.3	357.0	-2423.8	-995.3	0.0	0.0
62	14	71301.3	-523.5	1980.9	1347.8	-17035.3	-4502.3
	214	-63561.3	523.5	-1980.9	-1347.8	0.0	0.0
63	14	71301.3	523.5	-1980.9	-1347.8	17035.3	4502.3
	214	-63561.3	-523.5	1980.9	1347.8	0.0	0.0
64	14	71301.3	356.9	-2423.8	-995.3	20844.8	3069.8
	214	-63561.3	-356.9	2423.8	995.3	0.0	0.0
65	14	71301.3	2128.4	-1907.1	-1411.2	16401.2	18304.4
	214	-63561.3	-2128.4	1907.1	1411.2	0.0	0.0
66	14	71301.3	1961.8	-2350.1	-1058.6	20210.7	16871.9
	214	-63561.3	-1961.8	2350.1	1058.6	0.0	0.0
67	14	71301.3	-1276.0	-2445.2	432.2	21028.6	-10973.8
	214	-63561.3	1276.0	2445.2	-432.2	0.0	0.0
68	14	71301.3	-1442.6	-2888.1	784.7	24838.1	-12406.3
	214	-63561.3	1442.6	2888.1	-784.7	0.0	0.0
69	14	71301.3	328.9	-2371.4	368.9	20394.4	2828.3
	214	-63561.3	-328.9	2371.4	-368.9	0.0	0.0
70	14	71301.3	162.3	-2814.4	721.4	24203.9	1395.8
	214	-63561.3	-162.3	2814.4	-721.4	0.0	0.0
71	14	71301.3	-2230.1	1404.3	-655.0	-12077.1	-19179.2
	214	-63561.3	2230.1	-1404.3	655.0	0.0	0.0
72	14	71301.3	-2770.0	1265.0	-121.0	-10879.1	-23822.1
	214	-63561.3	2770.0	-1265.0	121.0	0.0	0.0
73	14	71301.3	-2024.4	-34.3	-842.9	294.7	-17409.8
	214	-63561.3	2024.4	34.3	842.9	0.0	0.0
74	14	71301.3	-2564.3	-173.6	-308.9	1492.7	-22052.6
	214	-63561.3	2564.3	173.6	308.9	0.0	0.0
75	14	71301.3	-2785.4	-72.2	520.1	621.2	-23954.4
	214	-63561.3	2785.4	72.2	-520.1	0.0	0.0
76	14	71301.3	-3325.3	-211.5	1054.1	1819.2	-28597.2
	214	-63561.3	3325.3	211.5	-1054.1	0.0	0.0
77	14	71301.3	-2579.6	-1510.8	332.1	12992.9	-22185.0
	214	-63561.3	2579.6	1510.8	-332.1	0.0	0.0
78	14	71301.3	-3119.5	-1650.1	866.1	14190.9	-26827.8
	214	-63561.3	3119.5	1650.1	-866.1	0.0	0.0
79	14	71301.3	3119.5	1650.1	-866.1	-14190.9	26827.8
	214	-63561.3	-3119.5	-1650.1	866.1	0.0	0.0
80	14	71301.3	2579.6	1510.8	-332.1	-12992.9	22185.0
	214	-63561.3	-2579.6	-1510.8	332.1	0.0	0.0
81	14	71301.3	3325.3	211.5	-1054.1	-1819.2	28597.2
	214	-63561.3	-3325.3	-211.5	1054.1	0.0	0.0
82	14	71301.3	2785.4	72.2	-520.1	-621.2	23954.4
	214	-63561.3	-2785.4	-72.2	520.1	0.0	0.0

83	14	71301.3	2564.3	173.6	308.9	-1492.7	22052.6
	214	-63561.3	-2564.3	-173.6	-308.9	0.0	0.0
84	14	71301.3	2024.4	34.3	842.9	-294.7	17409.8
	214	-63561.3	-2024.4	-34.3	-842.9	0.0	0.0
85	14	71301.3	2770.0	-1265.0	121.0	10879.1	23822.1
	214	-63561.3	-2770.0	1265.0	-121.0	0.0	0.0
86	14	71301.3	2230.1	-1404.3	655.0	12077.1	19179.2
	214	-63561.3	-2230.1	1404.3	-655.0	0.0	0.0
1	15	103454.7	-3.1	369.7	1.7	-1589.9	-13.4
	215	-93392.7	3.1	-369.7	-1.7	-1589.9	-13.4
2	15	103454.7	60.9	-1091.5	-33.4	4693.4	261.9
	215	-93392.7	-60.9	1091.5	33.4	4693.4	261.9
3	15	103454.7	-2098.6	-16.1	25.4	69.2	-9023.9
	215	-93392.7	2098.6	16.1	-25.4	69.2	-9023.9
4	15	103454.7	2136.1	29.1	-46.0	-125.2	9185.2
	215	-93392.7	-2136.1	-29.1	46.0	-125.2	9185.2
5	15	92732.9	-5.2	616.2	2.9	-2649.8	-22.3
	215	-82670.9	5.2	-616.2	-2.9	-2649.8	-22.3
6	15	92732.9	101.5	-1819.1	-55.7	7822.3	436.6
	215	-82670.9	-101.5	1819.1	55.7	7822.3	436.6
7	15	92732.9	-3497.6	-26.8	42.4	115.3	-15039.9
	215	-82670.9	3497.6	26.8	-42.4	115.3	-15039.9
8	15	92732.9	3560.2	48.5	-76.7	-208.6	15308.7
	215	-82670.9	-3560.2	-48.5	76.7	-208.6	15308.7
9	15	61161.1	-2489.3	13526.2	-874.2	-58162.8	-10703.9
	215	-53421.1	2489.3	-13526.2	874.2	-58162.8	-10703.9
10	15	61161.1	-2707.9	11397.3	-447.0	-49008.4	-11643.8
	215	-53421.1	2707.9	-11397.3	447.0	-49008.4	-11643.8
11	15	61161.1	4999.3	13880.6	-951.0	-59686.8	21496.9
	215	-53421.1	-4999.3	-13880.6	951.0	-59686.8	21496.9
12	15	61161.1	4780.7	11751.7	-523.7	-50532.3	20556.9
	215	-53421.1	-4780.7	-11751.7	523.7	-50532.3	20556.9
13	15	61161.1	-6385.1	11294.4	1283.0	-48565.9	-27455.8
	215	-53421.1	6385.1	-11294.4	-1283.0	-48565.9	-27455.8
14	15	61161.1	-6603.7	9165.4	1710.3	-39411.4	-28395.8
	215	-53421.1	6603.7	-9165.4	-1710.3	-39411.4	-28395.8
15	15	61161.1	1103.5	11648.8	1206.2	-50089.8	4744.9
	215	-53421.1	-1103.5	-11648.8	-1206.2	-50089.8	4744.9
16	15	61161.1	884.9	9519.8	1633.5	-40935.4	3804.9
	215	-53421.1	-884.9	-9519.8	-1633.5	-40935.4	3804.9
17	15	61161.1	-884.9	-9519.8	-1633.5	40935.4	-3805.0
	215	-53421.1	884.9	9519.8	1633.5	40935.4	-3805.0
18	15	61161.1	-1103.5	-11648.8	-1206.2	50089.8	-4744.9
	215	-53421.1	1103.5	11648.8	1206.2	50089.8	-4744.9
19	15	61161.1	6603.7	-9165.4	-1710.3	39411.4	28395.8
	215	-53421.1	-6603.7	9165.4	1710.3	39411.4	28395.8
20	15	61161.1	6385.1	-11294.4	-1283.0	48565.9	27455.8
	215	-53421.1	-6385.1	11294.4	1283.0	48565.9	27455.8
21	15	61161.1	-4780.7	-11751.7	523.7	50532.3	-20556.9
	215	-53421.1	4780.7	11751.7	-523.7	50532.3	-20556.9
22	15	61161.1	-4999.3	-13880.6	951.0	59686.8	-21496.8
	215	-53421.1	4999.3	13880.6	-951.0	59686.8	-21496.8
23	15	61161.1	2707.9	-11397.3	447.0	49008.4	11643.9
	215	-53421.1	-2707.9	11397.3	-447.0	49008.4	11643.9
24	15	61161.1	2489.3	-13526.2	874.2	58162.9	10703.9
	215	-53421.1	-2489.3	13526.2	-874.2	58162.9	10703.9
25	15	61161.1	-11772.9	6749.3	-793.8	-29021.8	-50623.4
	215	-53421.1	11772.9	-6749.3	793.8	-29021.8	-50623.4
26	15	61161.1	-12941.6	6079.7	-146.7	-26142.7	-55649.0
	215	-53421.1	12941.6	-6079.7	146.7	-26142.7	-55649.0
27	15	61161.1	-11291.6	-164.6	-1021.6	707.6	-48553.7
	215	-53421.1	11291.6	164.6	1021.6	707.6	-48553.7
28	15	61161.1	-12460.3	-834.1	-374.4	3586.7	-53579.3
	215	-53421.1	12460.3	834.1	374.4	3586.7	-53579.3

29	15	61161.1	-12501.5	-347.2	630.4	1493.1	-53756.5
	215	-53421.1	12501.5	347.2	-630.4	1493.1	-53756.5
30	15	61161.1	-13670.3	-1016.8	1277.5	4372.1	-58782.1
	215	-53421.1	13670.3	1016.8	-1277.5	4372.1	-58782.1
31	15	61161.1	-12020.2	-7261.0	402.6	31222.5	-51686.9
	215	-53421.1	12020.2	7261.0	-402.6	31222.5	-51686.9
32	15	61161.1	-13188.9	-7930.6	1049.7	34101.6	-56712.4
	215	-53421.1	13188.9	7930.6	-1049.7	34101.6	-56712.4
33	15	61161.1	13188.9	7930.6	-1049.7	-34101.6	56712.4
	215	-53421.1	-13188.9	-7930.6	1049.7	-34101.6	56712.4
34	15	61161.1	12020.2	7261.0	-402.6	-31222.5	51686.9
	215	-53421.1	-12020.2	-7261.0	402.6	-31222.5	51686.9
35	15	61161.1	13670.3	1016.8	-1277.5	-4372.1	58782.1
	215	-53421.1	-13670.3	-1016.8	1277.5	-4372.1	58782.1
36	15	61161.1	12501.5	347.2	-630.4	-1493.0	53756.5
	215	-53421.1	-12501.5	-347.2	630.4	-1493.0	53756.5
37	15	61161.1	12460.3	834.1	374.4	-3586.7	53579.3
	215	-53421.1	-12460.3	-834.1	-374.4	-3586.7	53579.3
38	15	61161.1	11291.6	164.6	1021.6	-707.6	48553.7
	215	-53421.1	-11291.6	-164.6	-1021.6	-707.6	48553.7
39	15	61161.1	12941.6	-6079.7	146.7	26142.7	55649.0
	215	-53421.1	-12941.6	6079.7	-146.7	26142.7	55649.0
40	15	61161.1	11772.9	-6749.3	793.8	29021.8	50623.4
	215	-53421.1	-11772.9	6749.3	-793.8	29021.8	50623.4
41	15	75456.8	-2.1	246.5	1.1	-1059.9	-8.9
	215	-67716.8	2.1	-246.5	-1.1	-1059.9	-8.9
42	15	75456.8	40.6	-727.7	-22.3	3128.9	174.6
	215	-67716.8	-40.6	727.7	22.3	3128.9	174.6
43	15	75456.8	-1399.1	-10.7	16.9	46.1	-6015.9
	215	-67716.8	1399.1	10.7	-16.9	46.1	-6015.9
44	15	75456.8	1424.1	19.4	-30.7	-83.4	6123.5
	215	-67716.8	-1424.1	-19.4	30.7	-83.4	6123.5
45	15	68308.9	-3.5	410.8	1.9	-1766.5	-14.9
	215	-60568.9	3.5	-410.8	-1.9	-1766.5	-14.9
46	15	68308.9	67.7	-1212.8	-37.1	5214.9	291.0
	215	-60568.9	-67.7	1212.8	37.1	5214.9	291.0
47	15	68308.9	-2331.8	-17.9	28.2	76.8	-10026.6
	215	-60568.9	2331.8	17.9	-28.2	76.8	-10026.6
48	15	68308.9	2373.4	32.3	-51.1	-139.1	10205.8
	215	-60568.9	-2373.4	-32.3	51.1	-139.1	10205.8
49	15	64020.2	0.0	0.0	-0.0	-0.0	0.0
	215	-56280.2	-0.0	-0.0	0.0	-0.0	0.0
50	15	61161.1	-0.7	82.2	0.4	-353.3	-3.0
	215	-53421.1	0.7	-82.2	-0.4	-353.3	-3.0
51	15	61161.1	13.5	-242.6	-7.4	1043.0	58.2
	215	-53421.1	-13.5	242.6	7.4	1043.0	58.2
52	15	61161.1	-466.4	-3.6	5.6	15.4	-2005.3
	215	-53421.1	466.4	3.6	-5.6	15.4	-2005.3
53	15	61161.1	474.7	6.5	-10.2	-27.8	2041.2
	215	-53421.1	-474.7	-6.5	10.2	-27.8	2041.2
54	15	61161.1	0.0	0.0	-0.0	-0.0	0.0
	215	-53421.1	-0.0	-0.0	0.0	-0.0	0.0
55	15	61161.1	-2053.7	11160.1	-721.4	-47988.6	-8830.7
	215	-53421.1	2053.7	-11160.1	721.4	-47988.6	-8830.7
56	15	61161.1	-2234.0	9403.6	-368.9	-40435.6	-9606.1
	215	-53421.1	2234.0	-9403.6	368.9	-40435.6	-9606.1
57	15	61161.1	4124.9	11452.5	-784.7	-49245.9	17737.2
	215	-53421.1	-4124.9	-11452.5	784.7	-49245.9	17737.2
58	15	61161.1	3944.6	9696.0	-432.2	-41692.9	16961.8
	215	-53421.1	-3944.6	-9696.0	432.2	-41692.9	16961.8
59	15	61161.1	-5268.2	9318.9	1058.6	-40071.2	-22653.4
	215	-53421.1	5268.2	-9318.9	-1058.6	-40071.2	-22653.4
60	15	61161.1	-5448.6	7562.4	1411.2	-32518.3	-23428.9
	215	-53421.1	5448.6	-7562.4	-1411.2	-32518.3	-23428.9
61	15	61161.1	910.3	9611.3	995.3	-41328.6	3914.5

	215	-53421.1	-910.3	-9611.3	-995.3	-41328.6	3914.5
62	15	61161.1	730.0	7854.8	1347.8	-33775.6	3139.0
	215	-53421.1	-730.0	-7854.8	-1347.8	-33775.6	3139.0
63	15	61161.1	-730.0	-7854.8	-1347.8	33775.6	-3139.0
	215	-53421.1	730.0	7854.8	1347.8	33775.6	-3139.0
64	15	61161.1	-910.3	-9611.3	-995.3	41328.6	-3914.5
	215	-53421.1	910.3	9611.3	995.3	41328.6	-3914.5
65	15	61161.1	5448.6	-7562.4	-1411.2	32518.3	23428.9
	215	-53421.1	-5448.6	7562.4	1411.2	32518.3	23428.9
66	15	61161.1	5268.2	-9318.9	-1058.6	40071.2	22653.4
	215	-53421.1	-5268.2	9318.9	1058.6	40071.2	22653.4
67	15	61161.1	-3944.6	-9696.0	432.2	41692.9	-16961.7
	215	-53421.1	3944.6	9696.0	-432.2	41692.9	-16961.7
68	15	61161.1	-4124.9	-11452.5	784.7	49245.9	-17737.2
	215	-53421.1	4124.9	11452.5	-784.7	49245.9	-17737.2
69	15	61161.1	2234.0	-9403.6	368.9	40435.6	9606.2
	215	-53421.1	-2234.0	9403.6	-368.9	40435.6	9606.2
70	15	61161.1	2053.7	-11160.1	721.4	47988.6	8830.7
	215	-53421.1	-2053.7	11160.1	-721.4	47988.6	8830.7
71	15	61161.1	-9713.4	5568.6	-655.0	-23945.0	-41767.8
	215	-53421.1	9713.4	-5568.6	655.0	-23945.0	-41767.8
72	15	61161.1	-10677.8	5016.2	-121.0	-21569.8	-45914.6
	215	-53421.1	10677.8	-5016.2	121.0	-21569.8	-45914.6
73	15	61161.1	-9316.3	-135.9	-842.9	584.3	-40060.3
	215	-53421.1	9316.3	135.9	842.9	584.3	-40060.3
74	15	61161.1	-10280.7	-688.3	-308.9	2959.5	-44207.1
	215	-53421.1	10280.7	688.3	308.9	2959.5	-44207.1
75	15	61161.1	-10314.6	-286.4	520.1	1231.6	-44352.6
	215	-53421.1	10314.6	286.4	-520.1	1231.6	-44352.6
76	15	61161.1	-11278.9	-838.8	1054.1	3606.8	-48499.4
	215	-53421.1	11278.9	838.8	-1054.1	3606.8	-48499.4
77	15	61161.1	-9917.5	-5990.9	332.1	25760.9	-42645.1
	215	-53421.1	9917.5	5990.9	-332.1	25760.9	-42645.1
78	15	61161.1	-10881.8	-6543.3	866.1	28136.1	-46791.9
	215	-53421.1	10881.8	6543.3	-866.1	28136.1	-46791.9
79	15	61161.1	10881.8	6543.3	-866.1	-28136.1	46791.9
	215	-53421.1	-10881.8	-6543.3	866.1	-28136.1	46791.9
80	15	61161.1	9917.5	5990.9	-332.1	-25760.8	42645.1
	215	-53421.1	-9917.5	-5990.9	332.1	-25760.8	42645.1
81	15	61161.1	11278.9	838.8	-1054.1	-3606.8	48499.4
	215	-53421.1	-11278.9	-838.8	1054.1	-3606.8	48499.4
82	15	61161.1	10314.6	286.4	-520.1	-1231.6	44352.6
	215	-53421.1	-10314.6	-286.4	520.1	-1231.6	44352.6
83	15	61161.1	10280.7	688.3	308.9	-2959.5	44207.1
	215	-53421.1	-10280.7	-688.3	-308.9	-2959.5	44207.1
84	15	61161.1	9316.3	135.9	842.9	-584.3	40060.3
	215	-53421.1	-9316.3	-135.9	-842.9	-584.3	40060.3
85	15	61161.1	10677.8	-5016.2	121.0	21569.8	45914.6
	215	-53421.1	-10677.8	5016.2	-121.0	21569.8	45914.6
86	15	61161.1	9713.4	-5568.6	655.0	23945.0	41767.8
	215	-53421.1	-9713.4	5568.6	-655.0	23945.0	41767.8
1	16	110324.3	0.8	369.7	1.7	-1589.9	3.4
	216	-100262.3	-0.8	-369.7	-1.7	-1589.9	3.4
2	16	110324.3	-15.4	-1091.5	-33.4	4693.4	-66.1
	216	-100262.3	15.4	1091.5	33.4	4693.4	-66.1
3	16	110324.3	-2040.6	-16.1	25.4	69.2	-8774.5
	216	-100262.3	2040.6	16.1	-25.4	69.2	-8774.5
4	16	110324.3	2031.1	29.1	-46.0	-125.2	8733.8
	216	-100262.3	-2031.1	-29.1	46.0	-125.2	8733.8
5	16	98918.6	1.3	616.2	2.9	-2649.8	5.6
	216	-88856.6	-1.3	-616.2	-2.9	-2649.8	5.6
6	16	98918.6	-25.6	-1819.1	-55.7	7822.3	-110.1
	216	-88856.6	25.6	1819.1	55.7	7822.3	-110.1
7	16	98918.6	-3401.0	-26.8	42.4	115.3	-14624.2

	216	-88856.6	3401.0	26.8	-42.4	115.3	-14624.2
8	16	98918.6	3385.2	48.5	-76.7	-208.6	14556.4
	216	-88856.6	-3385.2	-48.5	76.7	-208.6	14556.4
9	16	65270.5	-4590.4	13526.2	-874.2	-58162.8	-19738.5
	216	-57530.5	4590.4	-13526.2	874.2	-58162.8	-19738.5
10	16	65270.5	-4241.8	11397.3	-447.0	-49008.4	-18239.9
	216	-57530.5	4241.8	-11397.3	447.0	-49008.4	-18239.9
11	16	65270.5	2755.2	13880.6	-951.0	-59686.8	11847.5
	216	-57530.5	-2755.2	-13880.6	951.0	-59686.8	11847.5
12	16	65270.5	3103.7	11751.7	-523.7	-50532.3	13346.1
	216	-57530.5	-3103.7	-11751.7	523.7	-50532.3	13346.1
13	16	65270.5	-2581.6	11294.4	1283.0	-48565.9	-11100.8
	216	-57530.5	2581.6	-11294.4	-1283.0	-48565.9	-11100.8
14	16	65270.5	-2233.1	9165.4	1710.3	-39411.4	-9602.2
	216	-57530.5	2233.1	-9165.4	-1710.3	-39411.4	-9602.2
15	16	65270.5	4764.0	11648.8	1206.2	-50089.8	20485.2
	216	-57530.5	-4764.0	-11648.8	-1206.2	-50089.8	20485.2
16	16	65270.5	5112.5	9519.8	1633.5	-40935.4	21983.8
	216	-57530.5	-5112.5	-9519.8	-1633.5	-40935.4	21983.8
17	16	65270.5	-5112.5	-9519.8	-1633.5	40935.4	-21983.8
	216	-57530.5	5112.5	9519.8	1633.5	40935.4	-21983.8
18	16	65270.5	-4764.0	-11648.8	-1206.2	50089.8	-20485.2
	216	-57530.5	4764.0	11648.8	1206.2	50089.8	-20485.2
19	16	65270.5	2233.1	-9165.4	-1710.3	39411.4	9602.2
	216	-57530.5	-2233.1	9165.4	1710.3	39411.4	9602.2
20	16	65270.5	2581.6	-11294.4	-1283.0	48565.9	11100.8
	216	-57530.5	-2581.6	11294.4	1283.0	48565.9	11100.8
21	16	65270.5	-3103.7	-11751.7	523.7	50532.3	-13346.1
	216	-57530.5	3103.7	11751.7	-523.7	50532.3	-13346.1
22	16	65270.5	-2755.2	-13880.6	951.0	59686.8	-11847.5
	216	-57530.5	2755.2	13880.6	-951.0	59686.8	-11847.5
23	16	65270.5	4241.8	-11397.3	447.0	49008.4	18239.9
	216	-57530.5	-4241.8	11397.3	-447.0	49008.4	18239.9
24	16	65270.5	4590.4	-13526.2	874.2	58162.9	19738.5
	216	-57530.5	-4590.4	13526.2	-874.2	58162.9	19738.5
25	16	65270.5	-13046.5	6749.3	-793.8	-29021.8	-56099.9
	216	-57530.5	13046.5	-6749.3	793.8	-29021.8	-56099.9
26	16	65270.5	-12443.9	6079.7	-146.7	-26142.7	-53508.6
	216	-57530.5	12443.9	-6079.7	146.7	-26142.7	-53508.6
27	16	65270.5	-13203.1	-164.6	-1021.6	707.6	-56773.5
	216	-57530.5	13203.1	164.6	1021.6	707.6	-56773.5
28	16	65270.5	-12600.5	-834.1	-374.4	3586.7	-54182.1
	216	-57530.5	12600.5	834.1	374.4	3586.7	-54182.1
29	16	65270.5	-11884.8	-347.2	630.4	1493.1	-51104.5
	216	-57530.5	11884.8	347.2	-630.4	1493.1	-51104.5
30	16	65270.5	-11282.1	-1016.8	1277.5	4372.1	-48513.2
	216	-57530.5	11282.1	1016.8	-1277.5	4372.1	-48513.2
31	16	65270.5	-12041.4	-7261.0	402.6	31222.5	-51778.1
	216	-57530.5	12041.4	7261.0	-402.6	31222.5	-51778.1
32	16	65270.5	-11438.8	-7930.6	1049.7	34101.6	-49186.8
	216	-57530.5	11438.8	7930.6	-1049.7	34101.6	-49186.8
33	16	65270.5	11438.8	7930.6	-1049.7	-34101.6	49186.8
	216	-57530.5	-11438.8	-7930.6	1049.7	-34101.6	49186.8
34	16	65270.5	12041.4	7261.0	-402.6	-31222.5	51778.1
	216	-57530.5	-12041.4	-7261.0	402.6	-31222.5	51778.1
35	16	65270.5	11282.1	1016.8	-1277.5	-4372.1	48513.2
	216	-57530.5	-11282.1	-1016.8	1277.5	-4372.1	48513.2
36	16	65270.5	11884.8	347.2	-630.4	-1493.0	51104.5
	216	-57530.5	-11884.8	-347.2	630.4	-1493.0	51104.5
37	16	65270.5	12600.5	834.1	374.4	-3586.7	54182.1
	216	-57530.5	-12600.5	-834.1	-374.4	-3586.7	54182.1
38	16	65270.5	13203.1	164.6	1021.6	-707.6	56773.5
	216	-57530.5	-13203.1	-164.6	-1021.6	-707.6	56773.5
39	16	65270.5	12443.9	-6079.7	146.7	26142.7	53508.6
	216	-57530.5	-12443.9	6079.7	-146.7	26142.7	53508.6

40	16	65270.5	13046.5	-6749.3	793.8	29021.8	56099.9
	216	-57530.5	-13046.5	6749.3	-793.8	29021.8	56099.9
41	16	80478.0	0.5	246.5	1.1	-1059.9	2.3
	216	-72738.0	-0.5	-246.5	-1.1	-1059.9	2.3
42	16	80478.0	-10.2	-727.7	-22.3	3128.9	-44.0
	216	-72738.0	10.2	727.7	22.3	3128.9	-44.0
43	16	80478.0	-1360.4	-10.7	16.9	46.1	-5849.7
	216	-72738.0	1360.4	10.7	-16.9	46.1	-5849.7
44	16	80478.0	1354.1	19.4	-30.7	-83.4	5822.6
	216	-72738.0	-1354.1	-19.4	30.7	-83.4	5822.6
45	16	72874.3	0.9	410.8	1.9	-1766.5	3.8
	216	-65134.3	-0.9	-410.8	-1.9	-1766.5	3.8
46	16	72874.3	-17.1	-1212.8	-37.1	5214.9	-73.4
	216	-65134.3	17.1	1212.8	37.1	5214.9	-73.4
47	16	72874.3	-2267.3	-17.9	28.2	76.8	-9749.5
	216	-65134.3	2267.3	17.9	-28.2	76.8	-9749.5
48	16	72874.3	2256.8	32.3	-51.1	-139.1	9704.3
	216	-65134.3	-2256.8	-32.3	51.1	-139.1	9704.3
49	16	68312.0	-0.0	0.0	-0.0	-0.0	-0.0
	216	-60572.0	0.0	-0.0	0.0	-0.0	-0.0
50	16	65270.5	0.2	82.2	0.4	-353.3	0.8
	216	-57530.5	-0.2	-82.2	-0.4	-353.3	0.8
51	16	65270.5	-3.4	-242.6	-7.4	1043.0	-14.7
	216	-57530.5	3.4	242.6	7.4	1043.0	-14.7
52	16	65270.5	-453.5	-3.6	5.6	15.4	-1949.9
	216	-57530.5	453.5	3.6	-5.6	15.4	-1949.9
53	16	65270.5	451.4	6.5	-10.2	-27.8	1940.9
	216	-57530.5	-451.4	-6.5	10.2	-27.8	1940.9
54	16	65270.5	-0.0	0.0	-0.0	-0.0	-0.0
	216	-57530.5	0.0	-0.0	0.0	-0.0	-0.0
55	16	65270.5	-3787.4	11160.1	-721.4	-47988.6	-16285.8
	216	-57530.5	3787.4	-11160.1	721.4	-47988.6	-16285.8
56	16	65270.5	-3499.9	9403.6	-368.9	-40435.6	-15049.4
	216	-57530.5	3499.9	-9403.6	368.9	-40435.6	-15049.4
57	16	65270.5	2273.2	11452.5	-784.7	-49245.9	9774.9
	216	-57530.5	-2273.2	-11452.5	784.7	-49245.9	9774.9
58	16	65270.5	2560.8	9696.0	-432.2	-41692.9	11011.3
	216	-57530.5	-2560.8	-9696.0	432.2	-41692.9	11011.3
59	16	65270.5	-2130.0	9318.9	1058.6	-40071.2	-9158.8
	216	-57530.5	2130.0	-9318.9	-1058.6	-40071.2	-9158.8
60	16	65270.5	-1842.4	7562.4	1411.2	-32518.3	-7922.4
	216	-57530.5	1842.4	-7562.4	-1411.2	-32518.3	-7922.4
61	16	65270.5	3930.7	9611.3	995.3	-41328.6	16901.8
	216	-57530.5	-3930.7	-9611.3	-995.3	-41328.6	16901.8
62	16	65270.5	4218.2	7854.8	1347.8	-33775.6	18138.2
	216	-57530.5	-4218.2	-7854.8	-1347.8	-33775.6	18138.2
63	16	65270.5	-4218.2	-7854.8	-1347.8	33775.6	-18138.2
	216	-57530.5	4218.2	7854.8	1347.8	33775.6	-18138.2
64	16	65270.5	-3930.7	-9611.3	-995.3	41328.6	-16901.8
	216	-57530.5	3930.7	9611.3	995.3	41328.6	-16901.8
65	16	65270.5	1842.4	-7562.4	-1411.2	32518.3	7922.4
	216	-57530.5	-1842.4	7562.4	1411.2	32518.3	7922.4
66	16	65270.5	2130.0	-9318.9	-1058.6	40071.2	9158.8
	216	-57530.5	-2130.0	9318.9	1058.6	40071.2	9158.8
67	16	65270.5	-2560.8	-9696.0	432.2	41692.9	-11011.3
	216	-57530.5	2560.8	9696.0	-432.2	41692.9	-11011.3
68	16	65270.5	-2273.2	-11452.5	784.7	49245.9	-9774.9
	216	-57530.5	2273.2	11452.5	-784.7	49245.9	-9774.9
69	16	65270.5	3499.9	-9403.6	368.9	40435.6	15049.4
	216	-57530.5	-3499.9	9403.6	-368.9	40435.6	15049.4
70	16	65270.5	3787.4	-11160.1	721.4	47988.6	16285.8
	216	-57530.5	-3787.4	11160.1	-721.4	47988.6	16285.8
71	16	65270.5	-10764.3	5568.6	-655.0	-23945.0	-46286.3
	216	-57530.5	10764.3	-5568.6	655.0	-23945.0	-46286.3
72	16	65270.5	-10267.0	5016.2	-121.0	-21569.8	-44148.2

	216	-57530.5	10267.0	-5016.2	121.0	-21569.8	-44148.2
73	16	65270.5	-10893.5	-135.9	-842.9	584.3	-46842.0
	216	-57530.5	10893.5	135.9	842.9	584.3	-46842.0
74	16	65270.5	-10396.3	-688.3	-308.9	2959.5	-44703.9
	216	-57530.5	10396.3	688.3	308.9	2959.5	-44703.9
75	16	65270.5	-9805.8	-286.4	520.1	1231.6	-42164.9
	216	-57530.5	9805.8	286.4	-520.1	1231.6	-42164.9
76	16	65270.5	-9308.6	-838.8	1054.1	3606.8	-40026.8
	216	-57530.5	9308.6	838.8	-1054.1	3606.8	-40026.8
77	16	65270.5	-9935.0	-5990.9	332.1	25760.9	-42720.6
	216	-57530.5	9935.0	5990.9	-332.1	25760.9	-42720.6
78	16	65270.5	-9437.8	-6543.3	866.1	28136.1	-40582.5
	216	-57530.5	9437.8	6543.3	-866.1	28136.1	-40582.5
79	16	65270.5	9437.8	6543.3	-866.1	-28136.1	40582.5
	216	-57530.5	-9437.8	-6543.3	866.1	-28136.1	40582.5
80	16	65270.5	9935.0	5990.9	-332.1	-25760.8	42720.6
	216	-57530.5	-9935.0	-5990.9	332.1	-25760.8	42720.6
81	16	65270.5	9308.6	838.8	-1054.1	-3606.8	40026.8
	216	-57530.5	-9308.6	-838.8	1054.1	-3606.8	40026.8
82	16	65270.5	9805.8	286.4	-520.1	-1231.6	42164.9
	216	-57530.5	-9805.8	-286.4	520.1	-1231.6	42164.9
83	16	65270.5	10396.3	688.3	308.9	-2959.5	44704.0
	216	-57530.5	-10396.3	-688.3	-308.9	-2959.5	44704.0
84	16	65270.5	10893.5	135.9	842.9	-584.3	46842.0
	216	-57530.5	-10893.5	-135.9	-842.9	-584.3	46842.0
85	16	65270.5	10267.0	-5016.2	121.0	21569.8	44148.2
	216	-57530.5	-10267.0	5016.2	-121.0	21569.8	44148.2
86	16	65270.5	10764.3	-5568.6	655.0	23945.0	46286.3
	216	-57530.5	-10764.3	5568.6	-655.0	23945.0	46286.3
1	17	112195.9	4.7	369.7	1.7	-1589.9	20.2
	217	-102133.9	-4.7	-369.7	-1.7	-1589.9	20.2
2	17	112195.9	-91.6	-1091.5	-33.4	4693.4	-394.1
	217	-102133.9	91.6	1091.5	33.4	4693.4	-394.1
3	17	112195.9	-1982.6	-16.1	25.4	69.2	-8525.1
	217	-102133.9	1982.6	16.1	-25.4	69.2	-8525.1
4	17	112195.9	1926.2	29.1	-46.0	-125.2	8282.5
	217	-102133.9	-1926.2	-29.1	46.0	-125.2	8282.5
5	17	100617.7	7.8	616.2	2.9	-2649.8	33.6
	217	-90555.7	-7.8	-616.2	-2.9	-2649.8	33.6
6	17	100617.7	-152.7	-1819.1	-55.7	7822.3	-656.8
	217	-90555.7	152.7	1819.1	55.7	7822.3	-656.8
7	17	100617.7	-3304.3	-26.8	42.4	115.3	-14208.6
	217	-90555.7	3304.3	26.8	-42.4	115.3	-14208.6
8	17	100617.7	3210.3	48.5	-76.7	-208.6	13804.1
	217	-90555.7	-3210.3	-48.5	76.7	-208.6	13804.1
9	17	66413.8	-6296.3	13526.2	-874.2	-58162.8	-27074.0
	217	-58673.8	6296.3	-13526.2	874.2	-58162.8	-27074.0
10	17	66413.8	-5416.9	11397.3	-447.0	-49008.4	-23292.5
	217	-58673.8	5416.9	-11397.3	447.0	-49008.4	-23292.5
11	17	66413.8	999.0	13880.6	-951.0	-59686.8	4295.6
	217	-58673.8	-999.0	-13880.6	951.0	-59686.8	4295.6
12	17	66413.8	1878.4	11751.7	-523.7	-50532.3	8077.1
	217	-58673.8	-1878.4	-11751.7	523.7	-50532.3	8077.1
13	17	66413.8	129.5	11294.4	1283.0	-48565.9	557.0
	217	-58673.8	-129.5	-11294.4	-1283.0	-48565.9	557.0
14	17	66413.8	1008.9	9165.4	1710.3	-39411.4	4338.4
	217	-58673.8	-1008.9	-9165.4	-1710.3	-39411.4	4338.4
15	17	66413.8	7424.8	11648.8	1206.2	-50089.8	31926.6
	217	-58673.8	-7424.8	-11648.8	-1206.2	-50089.8	31926.6
16	17	66413.8	8304.2	9519.8	1633.5	-40935.4	35708.0
	217	-58673.8	-8304.2	-9519.8	-1633.5	-40935.4	35708.0
17	17	66413.6	-8304.2	-9519.8	-1633.5	40935.4	-35708.0
	217	-58673.6	8304.2	9519.8	1633.5	40935.4	-35708.0
18	17	66413.6	-7424.8	-11648.8	-1206.2	50089.8	-31926.6

	217	-58673.6	7424.8	11648.8	1206.2	50089.8	-31926.6
19	17	66413.6	-1008.9	-9165.4	-1710.3	39411.4	-4338.4
	217	-58673.6	1008.9	9165.4	1710.3	39411.4	-4338.4
20	17	66413.6	-129.5	-11294.4	-1283.0	48565.9	-557.0
	217	-58673.6	129.5	11294.4	1283.0	48565.9	-557.0
21	17	66413.6	-1878.4	-11751.7	523.7	50532.3	-8077.0
	217	-58673.6	1878.4	11751.7	-523.7	50532.3	-8077.0
22	17	66413.6	-999.0	-13880.6	951.0	59686.8	-4295.6
	217	-58673.6	999.0	13880.6	-951.0	59686.8	-4295.6
23	17	66413.6	5416.9	-11397.3	447.0	49008.4	23292.5
	217	-58673.6	-5416.9	11397.3	-447.0	49008.4	23292.5
24	17	66413.6	6296.3	-13526.2	874.2	58162.9	27074.0
	217	-58673.6	-6296.3	13526.2	-874.2	58162.9	27074.0
25	17	66413.8	-14287.1	6749.3	-793.8	-29021.8	-61434.6
	217	-58673.8	14287.1	-6749.3	793.8	-29021.8	-61434.6
26	17	66413.8	-12359.4	6079.7	-146.7	-26142.7	-53145.3
	217	-58673.8	12359.4	-6079.7	146.7	-26142.7	-53145.3
27	17	66413.7	-14889.5	-164.6	-1021.6	707.6	-64024.8
	217	-58673.7	14889.5	164.6	1021.6	707.6	-64024.8
28	17	66413.7	-12961.7	-834.1	-374.4	3586.7	-55735.5
	217	-58673.7	12961.7	834.1	374.4	3586.7	-55735.5
29	17	66413.7	-11355.8	-347.2	630.4	1493.1	-48829.8
	217	-58673.7	11355.8	347.2	-630.4	1493.1	-48829.8
30	17	66413.7	-9428.0	-1016.8	1277.5	4372.1	-40540.5
	217	-58673.7	9428.0	1016.8	-1277.5	4372.1	-40540.5
31	17	66413.7	-11958.1	-7261.0	402.6	31222.5	-51420.0
	217	-58673.7	11958.1	7261.0	-402.6	31222.5	-51420.0
32	17	66413.7	-10030.4	-7930.6	1049.7	34101.6	-43130.7
	217	-58673.7	10030.4	7930.6	-1049.7	34101.6	-43130.7
33	17	66413.7	10030.4	7930.6	-1049.7	-34101.6	43130.7
	217	-58673.7	-10030.4	-7930.6	1049.7	-34101.6	43130.7
34	17	66413.7	11958.1	7261.0	-402.6	-31222.5	51420.0
	217	-58673.7	-11958.1	-7261.0	402.6	-31222.5	51420.0
35	17	66413.7	9428.0	1016.8	-1277.5	-4372.1	40540.5
	217	-58673.7	-9428.0	-1016.8	1277.5	-4372.1	40540.5
36	17	66413.7	11355.8	347.2	-630.4	-1493.0	48829.8
	217	-58673.7	-11355.8	-347.2	630.4	-1493.0	48829.8
37	17	66413.7	12961.7	834.1	374.4	-3586.7	55735.5
	217	-58673.7	-12961.7	-834.1	-374.4	-3586.7	55735.5
38	17	66413.7	14889.5	164.6	1021.6	-707.6	64024.8
	217	-58673.7	-14889.5	-164.6	-1021.6	-707.6	64024.8
39	17	66413.7	12359.4	-6079.7	146.7	26142.7	53145.3
	217	-58673.7	-12359.4	6079.7	-146.7	26142.7	53145.3
40	17	66413.7	14287.1	-6749.3	793.8	29021.8	61434.6
	217	-58673.7	-14287.1	6749.3	-793.8	29021.8	61434.6
41	17	81851.4	3.1	246.5	1.1	-1059.9	13.4
	217	-74111.4	-3.1	-246.5	-1.1	-1059.9	13.4
42	17	81851.4	-61.1	-727.7	-22.3	3128.9	-262.7
	217	-74111.4	61.1	727.7	22.3	3128.9	-262.7
43	17	81851.4	-1321.7	-10.7	16.9	46.1	-5683.4
	217	-74111.4	1321.7	10.7	-16.9	46.1	-5683.4
44	17	81851.4	1284.1	19.4	-30.7	-83.4	5521.6
	217	-74111.4	-1284.1	-19.4	30.7	-83.4	5521.6
45	17	74132.5	5.2	410.8	1.9	-1766.5	22.4
	217	-66392.5	-5.2	-410.8	-1.9	-1766.5	22.4
46	17	74132.5	-101.8	-1212.8	-37.1	5214.9	-437.9
	217	-66392.5	101.8	1212.8	37.1	5214.9	-437.9
47	17	74132.5	-2202.9	-17.9	28.2	76.8	-9472.4
	217	-66392.5	2202.9	17.9	-28.2	76.8	-9472.4
48	17	74132.5	2140.2	32.3	-51.1	-139.1	9202.7
	217	-66392.5	-2140.2	-32.3	51.1	-139.1	9202.7
49	17	69501.3	-0.0	0.0	-0.0	-0.0	-0.0
	217	-61761.3	0.0	-0.0	0.0	-0.0	-0.0
50	17	66413.7	1.0	82.2	0.4	-353.3	4.5
	217	-58673.7	-1.0	-82.2	-0.4	-353.3	4.5

51	17	66413.7	-20.4	-242.6	-7.4	1043.0	-87.6
	217	-58673.7	20.4	242.6	7.4	1043.0	-87.6
52	17	66413.7	-440.6	-3.6	5.6	15.4	-1894.5
	217	-58673.7	440.6	3.6	-5.6	15.4	-1894.5
53	17	66413.7	428.0	6.5	-10.2	-27.8	1840.5
	217	-58673.7	-428.0	-6.5	10.2	-27.8	1840.5
54	17	66413.7	-0.0	0.0	-0.0	-0.0	-0.0
	217	-58673.7	0.0	-0.0	0.0	-0.0	-0.0
55	17	66413.8	-5195.1	11160.1	-721.4	-47988.6	-22339.1
	217	-58673.8	5195.1	-11160.1	721.4	-47988.6	-22339.1
56	17	66413.8	-4469.6	9403.6	-368.9	-40435.6	-19219.2
	217	-58673.8	4469.6	-9403.6	368.9	-40435.6	-19219.2
57	17	66413.8	824.0	11452.5	-784.7	-49245.9	3543.0
	217	-58673.8	-824.0	-11452.5	784.7	-49245.9	3543.0
58	17	66413.8	1549.5	9696.0	-432.2	-41692.9	6662.8
	217	-58673.8	-1549.5	-9696.0	432.2	-41692.9	6662.8
59	17	66413.8	107.1	9318.9	1058.6	-40071.2	460.4
	217	-58673.8	-107.1	-9318.9	-1058.6	-40071.2	460.4
60	17	66413.8	832.6	7562.4	1411.2	-32518.3	3580.2
	217	-58673.8	-832.6	-7562.4	-1411.2	-32518.3	3580.2
61	17	66413.8	6126.2	9611.3	995.3	-41328.6	26342.5
	217	-58673.8	-6126.2	-9611.3	-995.3	-41328.6	26342.5
62	17	66413.8	6851.7	7854.8	1347.8	-33775.6	29462.3
	217	-58673.8	-6851.7	-7854.8	-1347.8	-33775.6	29462.3
63	17	66413.6	-6851.7	-7854.8	-1347.8	33775.6	-29462.3
	217	-58673.6	6851.7	7854.8	1347.8	33775.6	-29462.3
64	17	66413.6	-6126.2	-9611.3	-995.3	41328.6	-26342.5
	217	-58673.6	6126.2	9611.3	995.3	41328.6	-26342.5
65	17	66413.6	-832.6	-7562.4	-1411.2	32518.3	-3580.2
	217	-58673.6	832.6	7562.4	1411.2	32518.3	-3580.2
66	17	66413.6	-107.1	-9318.9	-1058.6	40071.2	-460.4
	217	-58673.6	107.1	9318.9	1058.6	40071.2	-460.4
67	17	66413.6	-1549.5	-9696.0	432.2	41692.9	-6662.8
	217	-58673.6	1549.5	9696.0	-432.2	41692.9	-6662.8
68	17	66413.6	-824.0	-11452.5	784.7	49245.9	-3543.0
	217	-58673.6	824.0	11452.5	-784.7	49245.9	-3543.0
69	17	66413.6	4469.6	-9403.6	368.9	40435.6	19219.3
	217	-58673.6	-4469.6	9403.6	-368.9	40435.6	19219.3
70	17	66413.6	5195.1	-11160.1	721.4	47988.6	22339.1
	217	-58673.6	-5195.1	11160.1	-721.4	47988.6	22339.1
71	17	66413.8	-11787.9	5568.6	-655.0	-23945.0	-50687.9
	217	-58673.8	11787.9	-5568.6	655.0	-23945.0	-50687.9
72	17	66413.7	-10197.2	5016.2	-121.0	-21569.8	-43848.1
	217	-58673.8	10197.2	-5016.2	121.0	-21569.8	-43848.1
73	17	66413.7	-12284.9	-135.9	-842.9	584.3	-52824.9
	217	-58673.7	12284.9	135.9	842.9	584.3	-52824.9
74	17	66413.7	-10694.2	-688.3	-308.9	2959.5	-45985.0
	217	-58673.7	10694.2	688.3	308.9	2959.5	-45985.0
75	17	66413.7	-9369.4	-286.4	520.1	1231.6	-40288.5
	217	-58673.7	9369.4	286.4	-520.1	1231.6	-40288.5
76	17	66413.7	-7778.8	-838.8	1054.1	3606.8	-33448.7
	217	-58673.7	7778.8	838.8	-1054.1	3606.8	-33448.7
77	17	66413.7	-9866.4	-5990.9	332.1	25760.9	-42425.5
	217	-58673.7	9866.4	5990.9	-332.1	25760.9	-42425.5
78	17	66413.7	-8275.7	-6543.3	866.1	28136.1	-35585.7
	217	-58673.7	8275.7	6543.3	-866.1	28136.1	-35585.7
79	17	66413.7	8275.7	6543.3	-866.1	-28136.1	35585.7
	217	-58673.7	-8275.7	-6543.3	866.1	-28136.1	35585.7
80	17	66413.7	9866.4	5990.9	-332.1	-25760.8	42425.5
	217	-58673.7	-9866.4	-5990.9	332.1	-25760.8	42425.5
81	17	66413.7	7778.8	838.8	-1054.1	-3606.8	33448.7
	217	-58673.7	-7778.8	-838.8	1054.1	-3606.8	33448.7
82	17	66413.7	9369.4	286.4	-520.1	-1231.6	40288.5
	217	-58673.7	-9369.4	-286.4	520.1	-1231.6	40288.5
83	17	66413.7	10694.2	688.3	308.9	-2959.5	45985.0

	217	-58673.7	-10694.2	-688.3	-308.9	-2959.5	45985.0
84	17	66413.7	12284.9	135.9	842.9	-584.3	52824.9
	217	-58673.7	-12284.9	-135.9	-842.9	-584.3	52824.9
85	17	66413.7	10197.2	-5016.2	121.0	21569.8	43848.1
	217	-58673.7	-10197.2	5016.2	-121.0	21569.8	43848.1
86	17	66413.7	11787.9	-5568.6	655.0	23945.0	50687.9
	217	-58673.7	-11787.9	5568.6	-655.0	23945.0	50687.9
1	18	61988.5	8.6	369.7	1.7	-1589.9	36.9
	218	-51926.5	-8.6	-369.7	-1.7	-1589.9	36.9
2	18	61988.5	-167.9	-1091.5	-33.4	4693.4	-722.1
	218	-51926.5	167.9	1091.5	33.4	4693.4	-722.1
3	18	61988.5	-1924.6	-16.1	25.4	69.2	-8275.8
	218	-51926.5	1924.6	16.1	-25.4	69.2	-8275.8
4	18	61988.5	1821.2	29.1	-46.0	-125.2	7831.1
	218	-51926.5	-1821.2	-29.1	46.0	-125.2	7831.1
5	18	56854.8	14.3	616.2	2.9	-2649.8	61.6
	218	-46792.8	-14.3	-616.2	-2.9	-2649.8	61.6
6	18	56854.8	-279.9	-1819.1	-55.7	7822.3	-1203.5
	218	-46792.8	279.9	1819.1	55.7	7822.3	-1203.5
7	18	56854.8	-3207.7	-26.8	42.4	115.3	-13792.9
	218	-46792.8	3207.7	26.8	-42.4	115.3	-13792.9
8	18	56854.8	3035.3	48.5	-76.7	-208.6	13051.8
	218	-46792.8	-3035.3	-48.5	76.7	-208.6	13051.8
9	18	38864.1	-8131.8	13526.2	-874.2	-58162.8	-34966.8
	218	-31124.1	8131.8	-13526.2	874.2	-58162.8	-34966.8
10	18	38864.1	-6781.2	11397.3	-447.0	-49008.4	-29159.1
	218	-31124.1	6781.2	-11397.3	447.0	-49008.4	-29159.1
11	18	38864.1	-780.1	13880.6	-951.0	-59686.8	-3354.6
	218	-31124.1	780.1	-13880.6	951.0	-59686.8	-3354.6
12	18	38864.1	570.5	11751.7	-523.7	-50532.3	2453.1
	218	-31124.1	-570.5	-11751.7	523.7	-50532.3	2453.1
13	18	38864.1	3139.2	11294.4	1283.0	-48565.9	13498.4
	218	-31124.1	-3139.2	-11294.4	-1283.0	-48565.9	13498.4
14	18	38864.1	4489.8	9165.4	1710.3	-39411.4	19306.0
	218	-31124.1	-4489.8	-9165.4	-1710.3	-39411.4	19306.0
15	18	38864.1	10490.8	11648.8	1206.2	-50089.8	45110.6
	218	-31124.1	-10490.8	-11648.8	-1206.2	-50089.8	45110.6
16	18	38864.1	11841.4	9519.8	1633.5	-40935.4	50918.2
	218	-31124.1	-11841.4	-9519.8	-1633.5	-40935.4	50918.2
17	18	38863.9	-11841.4	-9519.8	-1633.5	40935.4	-50918.2
	218	-31123.9	11841.4	9519.8	1633.5	40935.4	-50918.2
18	18	38863.9	-10490.8	-11648.8	-1206.2	50089.8	-45110.6
	218	-31123.9	10490.8	11648.8	1206.2	50089.8	-45110.6
19	18	38863.9	-4489.8	-9165.4	-1710.3	39411.4	-19306.0
	218	-31123.9	4489.8	9165.4	1710.3	39411.4	-19306.0
20	18	38863.9	-3139.2	-11294.4	-1283.0	48565.9	-13498.4
	218	-31123.9	3139.2	11294.4	1283.0	48565.9	-13498.4
21	18	38863.9	-570.5	-11751.7	523.7	50532.3	-2453.1
	218	-31123.9	570.5	11751.7	-523.7	50532.3	-2453.1
22	18	38863.9	780.1	-13880.6	951.0	59686.8	3354.6
	218	-31123.9	-780.1	13880.6	-951.0	59686.8	3354.6
23	18	38863.9	6781.2	-11397.3	447.0	49008.4	29159.1
	218	-31123.9	-6781.2	11397.3	-447.0	49008.4	29159.1
24	18	38863.9	8131.8	-13526.2	874.2	58162.9	34966.8
	218	-31123.9	-8131.8	13526.2	-874.2	58162.9	34966.8
25	18	38864.0	-15638.0	6749.3	-793.8	-29021.8	-67243.5
	218	-31124.0	15638.0	-6749.3	793.8	-29021.8	-67243.5
26	18	38864.0	-12256.7	6079.7	-146.7	-26142.7	-52703.9
	218	-31124.0	12256.7	-6079.7	146.7	-26142.7	-52703.9
27	18	38864.0	-16750.9	-164.6	-1021.6	707.6	-72028.9
	218	-31124.0	16750.9	164.6	1021.6	707.6	-72028.9
28	18	38864.0	-13369.6	-834.1	-374.4	3586.7	-57489.4
	218	-31124.0	13369.6	834.1	374.4	3586.7	-57489.4
29	18	38864.0	-11135.9	-347.2	630.4	1493.1	-47884.6

	218	-31124.0	11135.9	347.2	-630.4	1493.1	-47884.6
30	18	38864.0	-7754.7	-1016.8	1277.5	4372.1	-33345.0
	218	-31124.0	7754.7	1016.8	-1277.5	4372.1	-33345.0
31	18	38864.0	-12248.8	-7261.0	402.6	31222.5	-52670.0
	218	-31124.0	12248.8	7261.0	-402.6	31222.5	-52670.0
32	18	38864.0	-8867.6	-7930.6	1049.7	34101.6	-38130.5
	218	-31124.0	8867.6	7930.6	-1049.7	34101.6	-38130.5
33	18	38864.0	8867.5	7930.6	-1049.7	-34101.6	38130.5
	218	-31124.0	-8867.5	-7930.6	1049.7	-34101.6	38130.5
34	18	38864.0	12248.8	7261.0	-402.6	-31222.5	52670.0
	218	-31124.0	-12248.8	-7261.0	402.6	-31222.5	52670.0
35	18	38864.0	7754.7	1016.8	-1277.5	-4372.1	33345.0
	218	-31124.0	-7754.7	-1016.8	1277.5	-4372.1	33345.0
36	18	38864.0	11135.9	347.2	-630.4	-1493.0	47884.6
	218	-31124.0	-11135.9	-347.2	630.4	-1493.0	47884.6
37	18	38864.0	13369.6	834.1	374.4	-3586.7	57489.4
	218	-31124.0	-13369.6	-834.1	-374.4	-3586.7	57489.4
38	18	38864.0	16750.9	164.6	1021.6	-707.6	72028.9
	218	-31124.0	-16750.9	-164.6	-1021.6	-707.6	72028.9
39	18	38864.0	12256.7	-6079.7	146.7	26142.7	52703.9
	218	-31124.0	-12256.7	6079.7	-146.7	26142.7	52703.9
40	18	38864.0	15638.0	-6749.3	793.8	29021.8	67243.5
	218	-31124.0	-15638.0	6749.3	-793.8	29021.8	67243.5
41	18	45709.0	5.7	246.5	1.1	-1059.9	24.6
	218	-37969.0	-5.7	-246.5	-1.1	-1059.9	24.6
42	18	45709.0	-112.0	-727.7	-22.3	3128.9	-481.4
	218	-37969.0	112.0	727.7	22.3	3128.9	-481.4
43	18	45709.0	-1283.1	-10.7	16.9	46.1	-5517.2
	218	-37969.0	1283.1	10.7	-16.9	46.1	-5517.2
44	18	45709.0	1214.1	19.4	-30.7	-83.4	5220.7
	218	-37969.0	-1214.1	-19.4	30.7	-83.4	5220.7
45	18	42286.5	9.5	410.8	1.9	-1766.5	41.1
	218	-34546.5	-9.5	-410.8	-1.9	-1766.5	41.1
46	18	42286.5	-186.6	-1212.8	-37.1	5214.9	-802.3
	218	-34546.5	186.6	1212.8	37.1	5214.9	-802.3
47	18	42286.5	-2138.4	-17.9	28.2	76.8	-9195.3
	218	-34546.5	2138.4	17.9	-28.2	76.8	-9195.3
48	18	42286.5	2023.5	32.3	-51.1	-139.1	8701.2
	218	-34546.5	-2023.5	-32.3	51.1	-139.1	8701.2
49	18	40233.0	-0.0	0.0	-0.0	-0.0	-0.0
	218	-32493.0	0.0	-0.0	0.0	-0.0	-0.0
50	18	38864.0	1.9	82.2	0.4	-353.3	8.2
	218	-31124.0	-1.9	-82.2	-0.4	-353.3	8.2
51	18	38864.0	-37.3	-242.6	-7.4	1043.0	-160.5
	218	-31124.0	37.3	242.6	7.4	1043.0	-160.5
52	18	38864.0	-427.7	-3.6	5.6	15.4	-1839.1
	218	-31124.0	427.7	3.6	-5.6	15.4	-1839.1
53	18	38864.0	404.7	6.5	-10.2	-27.8	1740.2
	218	-31124.0	-404.7	-6.5	10.2	-27.8	1740.2
54	18	38864.0	-0.0	0.0	-0.0	-0.0	-0.0
	218	-31124.0	0.0	-0.0	0.0	-0.0	-0.0
55	18	38864.1	-6709.8	11160.1	-721.4	-47988.6	-28852.2
	218	-31124.1	6709.8	-11160.1	721.4	-47988.6	-28852.2
56	18	38864.1	-5595.5	9403.6	-368.9	-40435.6	-24060.7
	218	-31124.1	5595.5	-9403.6	368.9	-40435.6	-24060.7
57	18	38864.1	-644.2	11452.5	-784.7	-49245.9	-2770.0
	218	-31124.1	644.2	-11452.5	784.7	-49245.9	-2770.0
58	18	38864.1	470.1	9696.0	-432.2	-41692.9	2021.5
	218	-31124.1	-470.1	-9696.0	432.2	-41692.9	2021.5
59	18	38864.1	2590.4	9318.9	1058.6	-40071.2	11138.6
	218	-31124.1	-2590.4	-9318.9	-1058.6	-40071.2	11138.6
60	18	38864.1	3704.7	7562.4	1411.2	-32518.3	15930.1
	218	-31124.1	-3704.7	-7562.4	-1411.2	-32518.3	15930.1
61	18	38864.1	8656.0	9611.3	995.3	-41328.6	37220.8
	218	-31124.1	-8656.0	-9611.3	-995.3	-41328.6	37220.8

62	18	38864.1	9770.3	7854.8	1347.8	-33775.6	42012.3
	218	-31124.1	-9770.3	-7854.8	-1347.8	-33775.6	42012.3
63	18	38863.9	-9770.3	-7854.8	-1347.8	33775.6	-42012.3
	218	-31123.9	9770.3	7854.8	1347.8	33775.6	-42012.3
64	18	38863.9	-8656.0	-9611.3	-995.3	41328.6	-37220.8
	218	-31123.9	8656.0	9611.3	995.3	41328.6	-37220.8
65	18	38863.9	-3704.7	-7562.4	-1411.2	32518.3	-15930.1
	218	-31123.9	3704.7	7562.4	1411.2	32518.3	-15930.1
66	18	38863.9	-2590.4	-9318.9	-1058.6	40071.2	-11138.6
	218	-31123.9	2590.4	9318.9	1058.6	40071.2	-11138.6
67	18	38863.9	-470.1	-9696.0	432.2	41692.9	-2021.5
	218	-31123.9	470.1	9696.0	-432.2	41692.9	-2021.5
68	18	38863.9	644.2	-11452.5	784.7	49245.9	2770.0
	218	-31123.9	-644.2	11452.5	-784.7	49245.9	2770.0
69	18	38863.9	5595.5	-9403.6	368.9	40435.6	24060.7
	218	-31123.9	-5595.5	9403.6	-368.9	40435.6	24060.7
70	18	38863.9	6709.8	-11160.1	721.4	47988.6	28852.2
	218	-31123.9	-6709.8	11160.1	-721.4	47988.6	28852.2
71	18	38864.0	-12902.5	5568.6	-655.0	-23945.0	-55480.8
	218	-31124.0	12902.5	-5568.6	655.0	-23945.0	-55480.8
72	18	38864.0	-10112.5	5016.2	-121.0	-21569.8	-43483.6
	218	-31124.0	10112.5	-5016.2	121.0	-21569.8	-43483.6
73	18	38864.0	-13820.7	-135.9	-842.9	584.3	-59428.8
	218	-31124.0	13820.7	135.9	842.9	584.3	-59428.8
74	18	38864.0	-11030.6	-688.3	-308.9	2959.5	-47431.6
	218	-31124.0	11030.6	688.3	308.9	2959.5	-47431.6
75	18	38864.0	-9188.2	-286.4	520.1	1231.6	-39509.1
	218	-31124.0	9188.2	286.4	-520.1	1231.6	-39509.1
76	18	38864.0	-6398.1	-838.8	1054.1	3606.8	-27511.8
	218	-31124.0	6398.1	838.8	-1054.1	3606.8	-27511.8
77	18	38864.0	-10106.3	-5990.9	332.1	25760.9	-43457.1
	218	-31124.0	10106.3	5990.9	-332.1	25760.9	-43457.1
78	18	38864.0	-7316.2	-6543.3	866.1	28136.1	-31459.9
	218	-31124.0	7316.2	6543.3	-866.1	28136.1	-31459.9
79	18	38864.0	7316.2	6543.3	-866.1	-28136.1	31459.9
	218	-31124.0	-7316.2	-6543.3	866.1	-28136.1	31459.9
80	18	38864.0	10106.3	5990.9	-332.1	-25760.8	43457.1
	218	-31124.0	-10106.3	-5990.9	332.1	-25760.8	43457.1
81	18	38864.0	6398.1	838.8	-1054.1	-3606.8	27511.8
	218	-31124.0	-6398.1	-838.8	1054.1	-3606.8	27511.8
82	18	38864.0	9188.2	286.4	-520.1	-1231.6	39509.1
	218	-31124.0	-9188.2	-286.4	520.1	-1231.6	39509.1
83	18	38864.0	11030.6	688.3	308.9	-2959.5	47431.6
	218	-31124.0	-11030.6	-688.3	-308.9	-2959.5	47431.6
84	18	38864.0	13820.7	135.9	842.9	-584.3	59428.8
	218	-31124.0	-13820.7	-135.9	-842.9	-584.3	59428.8
85	18	38864.0	10112.5	-5016.2	121.0	21569.8	43483.6
	218	-31124.0	-10112.5	5016.2	-121.0	21569.8	43483.6
86	18	38864.0	12902.5	-5568.6	655.0	23945.0	55480.8
	218	-31124.0	-12902.5	5568.6	-655.0	23945.0	55480.8
1	19	41392.6	-2.8	94.6	1.7	-813.4	-23.7
	219	-31330.6	2.8	-94.6	-1.7	0.0	0.0
2	19	41392.6	53.8	-301.3	-33.4	2591.4	463.0
	219	-31330.6	-53.8	301.3	33.4	0.0	0.0
3	19	41392.6	-558.5	15.8	25.4	-135.6	-4802.9
	219	-31330.6	558.5	-15.8	-25.4	0.0	0.0
4	19	41392.6	591.6	-28.5	-46.0	245.3	5088.1
	219	-31330.6	-591.6	28.5	46.0	0.0	0.0
5	19	38762.2	-4.6	157.6	2.9	-1355.6	-39.5
	219	-28700.2	4.6	-157.6	-2.9	0.0	0.0
6	19	38762.2	89.7	-502.2	-55.7	4319.0	771.7
	219	-28700.2	-89.7	502.2	55.7	0.0	0.0
7	19	38762.2	-930.8	26.3	42.4	-225.9	-8004.9
	219	-28700.2	930.8	-26.3	-42.4	0.0	0.0

8	19	38762.2	986.1	-47.5	-76.7	408.9	8480.1
	219	-28700.2	-986.1	47.5	76.7	0.0	0.0
9	19	27321.7	236.4	3241.3	-874.2	-27875.5	2032.7
	219	-19581.7	-236.4	-3241.3	874.2	0.0	0.0
10	19	27321.7	-111.6	3802.1	-447.0	-32697.6	-959.7
	219	-19581.7	111.6	-3802.1	447.0	0.0	0.0
11	19	27321.7	2257.0	3132.4	-951.0	-26938.4	19410.4
	219	-19581.7	-2257.0	-3132.4	951.0	0.0	0.0
12	19	27321.7	1909.1	3693.1	-523.7	-31760.5	16418.0
	219	-19581.7	-1909.1	-3693.1	523.7	0.0	0.0
13	19	27321.7	-3173.8	2969.6	1283.0	-25538.4	-27294.9
	219	-19581.7	3173.8	-2969.6	-1283.0	0.0	0.0
14	19	27321.7	-3521.8	3530.3	1710.3	-30360.5	-30287.4
	219	-19581.7	3521.8	-3530.3	-1710.3	0.0	0.0
15	19	27321.7	-1153.2	2860.6	1206.2	-24601.2	-9917.2
	219	-19581.7	1153.2	-2860.6	-1206.2	0.0	0.0
16	19	27321.7	-1501.1	3421.3	1633.5	-29423.4	-12909.6
	219	-19581.7	1501.1	-3421.3	-1633.5	0.0	0.0
17	19	27321.7	1501.1	-3421.3	-1633.5	29423.4	12909.6
	219	-19581.7	-1501.1	3421.3	1633.5	0.0	0.0
18	19	27321.7	1153.2	-2860.6	-1206.2	24601.2	9917.2
	219	-19581.7	-1153.2	2860.6	1206.2	0.0	0.0
19	19	27321.7	3521.8	-3530.3	-1710.3	30360.5	30287.4
	219	-19581.7	-3521.8	3530.3	1710.3	0.0	0.0
20	19	27321.7	3173.8	-2969.6	-1283.0	25538.4	27294.9
	219	-19581.7	-3173.8	2969.6	1283.0	0.0	0.0
21	19	27321.7	-1909.1	-3693.1	523.7	31760.5	-16418.0
	219	-19581.7	1909.1	3693.1	-523.7	0.0	0.0
22	19	27321.7	-2257.0	-3132.4	951.0	26938.4	-19410.4
	219	-19581.7	2257.0	3132.4	-951.0	0.0	0.0
23	19	27321.7	111.6	-3802.1	447.0	32697.6	959.7
	219	-19581.7	-111.6	3802.1	-447.0	0.0	0.0
24	19	27321.7	-236.4	-3241.3	874.2	27875.5	-2032.7
	219	-19581.7	236.4	3241.3	-874.2	0.0	0.0
25	19	27321.7	-2466.0	287.2	-793.8	-2470.3	-21207.9
	219	-19581.7	2466.0	-287.2	793.8	0.0	0.0
26	19	27321.7	-3489.1	205.7	-146.7	-1769.2	-30006.2
	219	-19581.7	3489.1	-205.7	146.7	0.0	0.0
27	19	27321.7	-2086.6	-1711.6	-1021.6	14719.3	-17944.9
	219	-19581.7	2086.6	1711.6	1021.6	0.0	0.0
28	19	27321.7	-3109.7	-1793.1	-374.4	15420.5	-26743.1
	219	-19581.7	3109.7	1793.1	374.4	0.0	0.0
29	19	27321.7	-3625.9	2156.3	630.4	-18544.2	-31182.6
	219	-19581.7	3625.9	-2156.3	-630.4	0.0	0.0
30	19	27321.7	-4648.9	2074.8	1277.5	-17843.1	-39980.9
	219	-19581.7	4648.9	-2074.8	-1277.5	0.0	0.0
31	19	27321.7	-3246.5	157.5	402.6	-1354.5	-27919.6
	219	-19581.7	3246.5	-157.5	-402.6	0.0	0.0
32	19	27321.7	-4269.5	76.0	1049.7	-653.4	-36717.8
	219	-19581.7	4269.5	-76.0	-1049.7	0.0	0.0
33	19	27321.7	4269.5	-76.0	-1049.7	653.4	36717.8
	219	-19581.7	-4269.5	76.0	1049.7	0.0	0.0
34	19	27321.7	3246.5	-157.5	-402.6	1354.5	27919.6
	219	-19581.7	-3246.5	157.5	402.6	0.0	0.0
35	19	27321.7	4648.9	-2074.8	-1277.5	17843.1	39980.9
	219	-19581.7	-4648.9	2074.8	1277.5	0.0	0.0
36	19	27321.7	3625.9	-2156.3	-630.4	18544.2	31182.6
	219	-19581.7	-3625.9	2156.3	630.4	0.0	0.0
37	19	27321.7	3109.7	1793.1	374.4	-15420.5	26743.2
	219	-19581.7	-3109.7	-1793.1	-374.4	0.0	0.0
38	19	27321.7	2086.6	1711.6	1021.6	-14719.3	17944.9
	219	-19581.7	-2086.6	-1711.6	-1021.6	0.0	0.0
39	19	27321.7	3489.1	-205.7	146.7	1769.2	30006.2
	219	-19581.7	-3489.1	205.7	-146.7	0.0	0.0
40	19	27321.7	2466.0	-287.2	793.8	2470.3	21207.9

	219	-19581.7	-2466.0	287.2	-793.8	0.0	0.0
41	19	30828.8	-1.8	63.1	1.1	-542.2	-15.8
	219	-23088.8	1.8	-63.1	-1.1	0.0	0.0
42	19	30828.8	35.9	-200.9	-22.3	1727.6	308.7
	219	-23088.8	-35.9	200.9	22.3	0.0	0.0
43	19	30828.8	-372.3	10.5	16.9	-90.4	-3202.0
	219	-23088.8	372.3	-10.5	-16.9	0.0	0.0
44	19	30828.8	394.4	-19.0	-30.7	163.6	3392.0
	219	-23088.8	-394.4	19.0	30.7	0.0	0.0
45	19	29075.2	-3.1	105.1	1.9	-903.7	-26.3
	219	-21335.2	3.1	-105.1	-1.9	0.0	0.0
46	19	29075.2	59.8	-334.8	-37.1	2879.3	514.4
	219	-21335.2	-59.8	334.8	37.1	0.0	0.0
47	19	29075.2	-620.5	17.5	28.2	-150.6	-5336.6
	219	-21335.2	620.5	-17.5	-28.2	0.0	0.0
48	19	29075.2	657.4	-31.7	-51.1	272.6	5653.4
	219	-21335.2	-657.4	31.7	51.1	0.0	0.0
49	19	28023.1	0.0	0.0	-0.0	-0.0	0.0
	219	-20283.1	-0.0	-0.0	0.0	0.0	0.0
50	19	27321.7	-0.6	21.0	0.4	-180.7	-5.3
	219	-19581.7	0.6	-21.0	-0.4	0.0	0.0
51	19	27321.7	12.0	-67.0	-7.4	575.9	102.9
	219	-19581.7	-12.0	67.0	7.4	0.0	0.0
52	19	27321.7	-124.1	3.5	5.6	-30.1	-1067.3
	219	-19581.7	124.1	-3.5	-5.6	0.0	0.0
53	19	27321.7	131.5	-6.3	-10.2	54.5	1130.7
	219	-19581.7	-131.5	6.3	10.2	0.0	0.0
54	19	27321.7	0.0	0.0	-0.0	-0.0	0.0
	219	-19581.7	-0.0	-0.0	0.0	0.0	0.0
55	19	27321.7	195.2	2674.3	-721.4	-22999.0	1678.5
	219	-19581.7	-195.2	-2674.3	721.4	0.0	0.0
56	19	27321.7	-91.9	3136.9	-368.9	-26977.5	-790.3
	219	-19581.7	91.9	-3136.9	368.9	0.0	0.0
57	19	27321.7	1862.4	2584.4	-784.7	-22225.8	16016.4
	219	-19581.7	-1862.4	-2584.4	784.7	0.0	0.0
58	19	27321.7	1575.3	3047.0	-432.2	-26204.3	13547.7
	219	-19581.7	-1575.3	-3047.0	432.2	0.0	0.0
59	19	27321.7	-2618.7	2450.1	1058.6	-21070.8	-22521.2
	219	-19581.7	2618.7	-2450.1	-1058.6	0.0	0.0
60	19	27321.7	-2905.8	2912.7	1411.2	-25049.3	-24989.9
	219	-19581.7	2905.8	-2912.7	-1411.2	0.0	0.0
61	19	27321.7	-951.5	2360.2	995.3	-20297.6	-8183.3
	219	-19581.7	951.5	-2360.2	-995.3	0.0	0.0
62	19	27321.7	-1238.6	2822.8	1347.8	-24276.2	-10652.0
	219	-19581.7	1238.6	-2822.8	-1347.8	0.0	0.0
63	19	27321.7	1238.6	-2822.8	-1347.8	24276.2	10652.0
	219	-19581.7	-1238.6	2822.8	1347.8	0.0	0.0
64	19	27321.7	951.5	-2360.2	-995.3	20297.6	8183.2
	219	-19581.7	-951.5	2360.2	995.3	0.0	0.0
65	19	27321.7	2905.8	-2912.7	-1411.2	25049.3	24989.9
	219	-19581.7	-2905.8	2912.7	1411.2	0.0	0.0
66	19	27321.7	2618.7	-2450.1	-1058.6	21070.8	22521.2
	219	-19581.7	-2618.7	2450.1	1058.6	0.0	0.0
67	19	27321.7	-1575.3	-3047.0	432.2	26204.3	-13547.7
	219	-19581.7	1575.3	3047.0	-432.2	0.0	0.0
68	19	27321.7	-1862.4	-2584.4	784.7	22225.8	-16016.4
	219	-19581.7	1862.4	2584.4	-784.7	0.0	0.0
69	19	27321.7	91.9	-3136.9	368.9	26977.5	790.3
	219	-19581.7	-91.9	3136.9	-368.9	0.0	0.0
70	19	27321.7	-195.2	-2674.3	721.4	22999.0	-1678.5
	219	-19581.7	195.2	2674.3	-721.4	0.0	0.0
71	19	27321.7	-2034.6	237.0	-655.0	-2038.2	-17498.0
	219	-19581.7	2034.6	-237.0	655.0	0.0	0.0
72	19	27321.7	-2878.8	169.7	-121.0	-1459.7	-24757.9
	219	-19581.7	2878.8	-169.7	121.0	0.0	0.0

73	19	27321.7	-1721.6	-1412.1	-842.9	12144.4	-14805.9
	219	-19581.7	1721.6	1412.1	842.9	0.0	0.0
74	19	27321.7	-2565.8	-1479.4	-308.9	12722.8	-22065.8
	219	-19581.7	2565.8	1479.4	308.9	0.0	0.0
75	19	27321.7	-2991.5	1779.1	520.1	-15300.1	-25727.2
	219	-19581.7	2991.5	-1779.1	-520.1	0.0	0.0
76	19	27321.7	-3835.7	1711.8	1054.1	-14721.6	-32987.1
	219	-19581.7	3835.7	-1711.8	-1054.1	0.0	0.0
77	19	27321.7	-2678.5	129.9	332.1	-1117.5	-23035.2
	219	-19581.7	2678.5	-129.9	-332.1	0.0	0.0
78	19	27321.7	-3522.7	62.7	866.1	-539.1	-30295.1
	219	-19581.7	3522.7	-62.7	-866.1	0.0	0.0
79	19	27321.7	3522.7	-62.7	-866.1	539.1	30295.1
	219	-19581.7	-3522.7	62.7	866.1	0.0	0.0
80	19	27321.7	2678.5	-129.9	-332.1	1117.5	23035.2
	219	-19581.7	-2678.5	129.9	332.1	0.0	0.0
81	19	27321.7	3835.7	-1711.8	-1054.1	14721.6	32987.1
	219	-19581.7	-3835.7	1711.8	1054.1	0.0	0.0
82	19	27321.7	2991.5	-1779.1	-520.1	15300.1	25727.2
	219	-19581.7	-2991.5	1779.1	520.1	0.0	0.0
83	19	27321.7	2565.8	1479.4	308.9	-12722.8	22065.8
	219	-19581.7	-2565.8	-1479.4	-308.9	0.0	0.0
84	19	27321.7	1721.6	1412.1	842.9	-12144.4	14805.9
	219	-19581.7	-1721.6	-1412.1	-842.9	0.0	0.0
85	19	27321.7	2878.8	-169.7	121.0	1459.7	24757.9
	219	-19581.7	-2878.8	169.7	-121.0	0.0	0.0
86	19	27321.7	2034.6	-237.0	655.0	2038.2	17498.0
	219	-19581.7	-2034.6	237.0	-655.0	0.0	0.0
1	20	120057.0	-1.8	94.6	1.7	-813.4	-15.2
	220	-109995.0	1.8	-94.6	-1.7	0.0	0.0
2	20	120057.0	34.6	-301.3	-33.4	2591.4	297.6
	220	-109995.0	-34.6	301.3	33.4	0.0	0.0
3	20	120057.0	-543.9	15.8	25.4	-135.6	-4677.2
	220	-109995.0	543.9	-15.8	-25.4	0.0	0.0
4	20	120057.0	565.2	-28.5	-46.0	245.3	4860.4
	220	-109995.0	-565.2	28.5	46.0	0.0	0.0
5	20	107803.5	-3.0	157.6	2.9	-1355.6	-25.4
	220	-97741.5	3.0	-157.6	-2.9	0.0	0.0
6	20	107803.5	57.7	-502.2	-55.7	4319.0	495.9
	220	-97741.5	-57.7	502.2	55.7	0.0	0.0
7	20	107803.5	-906.4	26.3	42.4	-225.9	-7795.3
	220	-97741.5	906.4	-26.3	-42.4	0.0	0.0
8	20	107803.5	941.9	-47.5	-76.7	408.9	8100.7
	220	-97741.5	-941.9	47.5	76.7	0.0	0.0
9	20	71300.6	-196.8	3241.3	-874.2	-27875.5	-1692.8
	220	-63560.6	196.8	-3241.3	874.2	0.0	0.0
10	20	71300.6	-398.7	3802.1	-447.0	-32697.6	-3429.2
	220	-63560.6	398.7	-3802.1	447.0	0.0	0.0
11	20	71300.6	1748.3	3132.4	-951.0	-26938.4	15035.6
	220	-63560.6	-1748.3	-3132.4	951.0	0.0	0.0
12	20	71300.6	1546.4	3693.1	-523.7	-31760.5	13299.2
	220	-63560.6	-1546.4	-3693.1	523.7	0.0	0.0
13	20	71300.6	-2377.7	2969.6	1283.0	-25538.4	-20448.3
	220	-63560.6	2377.7	-2969.6	-1283.0	0.0	0.0
14	20	71300.6	-2579.6	3530.3	1710.3	-30360.5	-22184.7
	220	-63560.6	2579.6	-3530.3	-1710.3	0.0	0.0
15	20	71300.6	-432.6	2860.6	1206.2	-24601.2	-3720.0
	220	-63560.6	432.6	-2860.6	-1206.2	0.0	0.0
16	20	71300.6	-634.5	3421.3	1633.5	-29423.4	-5456.4
	220	-63560.6	634.5	-3421.3	-1633.5	0.0	0.0
17	20	71300.6	634.5	-3421.3	-1633.5	29423.4	5456.4
	220	-63560.6	-634.5	3421.3	1633.5	0.0	0.0
18	20	71300.6	432.6	-2860.6	-1206.2	24601.2	3720.0
	220	-63560.6	-432.6	2860.6	1206.2	0.0	0.0

19	20	71300.6	2579.6	-3530.3	-1710.3	30360.5	22184.7
	220	-63560.6	-2579.6	3530.3	1710.3	0.0	0.0
20	20	71300.6	2377.7	-2969.6	-1283.0	25538.4	20448.3
	220	-63560.6	-2377.7	2969.6	1283.0	0.0	0.0
21	20	71300.6	-1546.4	-3693.1	523.7	31760.5	-13299.2
	220	-63560.6	1546.4	3693.1	-523.7	0.0	0.0
22	20	71300.6	-1748.3	-3132.4	951.0	26938.4	-15035.6
	220	-63560.6	1748.3	3132.4	-951.0	0.0	0.0
23	20	71300.6	398.7	-3802.1	447.0	32697.6	3429.2
	220	-63560.6	-398.7	3802.1	-447.0	0.0	0.0
24	20	71300.6	196.8	-3241.3	874.2	27875.5	1692.8
	220	-63560.6	-196.8	3241.3	-874.2	0.0	0.0
25	20	71300.6	-2703.0	287.2	-793.8	-2470.3	-23245.7
	220	-63560.6	2703.0	-287.2	793.8	0.0	0.0
26	20	71300.6	-3357.2	205.7	-146.7	-1769.2	-28872.3
	220	-63560.6	3357.2	-205.7	146.7	0.0	0.0
27	20	71300.6	-2453.6	-1711.6	-1021.6	14719.3	-21100.9
	220	-63560.6	2453.6	1711.6	1021.6	0.0	0.0
28	20	71300.6	-3107.9	-1793.1	-374.4	15420.5	-26727.6
	220	-63560.6	3107.9	1793.1	374.4	0.0	0.0
29	20	71300.6	-3376.0	2156.3	630.4	-18544.2	-29033.7
	220	-63560.6	3376.0	-2156.3	-630.4	0.0	0.0
30	20	71300.6	-4030.3	2074.8	1277.5	-17843.1	-34660.3
	220	-63560.6	4030.3	-2074.8	-1277.5	0.0	0.0
31	20	71300.6	-3126.6	157.5	402.6	-1354.5	-26888.9
	220	-63560.6	3126.6	-157.5	-402.6	0.0	0.0
32	20	71300.6	-3780.9	76.0	1049.7	-653.4	-32515.6
	220	-63560.6	3780.9	-76.0	-1049.7	0.0	0.0
33	20	71300.6	3780.9	-76.0	-1049.7	653.4	32515.6
	220	-63560.6	-3780.9	76.0	1049.7	0.0	0.0
34	20	71300.6	3126.6	-157.5	-402.6	1354.5	26888.9
	220	-63560.6	-3126.6	157.5	402.6	0.0	0.0
35	20	71300.6	4030.3	-2074.8	-1277.5	17843.1	34660.3
	220	-63560.6	-4030.3	2074.8	1277.5	0.0	0.0
36	20	71300.6	3376.0	-2156.3	-630.4	18544.2	29033.7
	220	-63560.6	-3376.0	2156.3	630.4	0.0	0.0
37	20	71300.6	3107.9	1793.1	374.4	-15420.5	26727.6
	220	-63560.6	-3107.9	-1793.1	-374.4	0.0	0.0
38	20	71300.6	2453.6	1711.6	1021.6	-14719.3	21100.9
	220	-63560.6	-2453.6	-1711.6	-1021.6	0.0	0.0
39	20	71300.6	3357.2	-205.7	146.7	1769.2	28872.3
	220	-63560.6	-3357.2	205.7	-146.7	0.0	0.0
40	20	71300.6	2703.0	-287.2	793.8	2470.3	23245.7
	220	-63560.6	-2703.0	287.2	-793.8	0.0	0.0
41	20	87638.6	-1.2	63.1	1.1	-542.2	-10.1
	220	-79898.7	1.2	-63.1	-1.1	0.0	0.0
42	20	87638.6	23.1	-200.9	-22.3	1727.6	198.4
	220	-79898.7	-23.1	200.9	22.3	0.0	0.0
43	20	87638.6	-362.6	10.5	16.9	-90.4	-3118.1
	220	-79898.7	362.6	-10.5	-16.9	0.0	0.0
44	20	87638.6	376.8	-19.0	-30.7	163.6	3240.3
	220	-79898.7	-376.8	19.0	30.7	0.0	0.0
45	20	79469.6	-2.0	105.1	1.9	-903.7	-16.9
	220	-71729.6	2.0	-105.1	-1.9	0.0	0.0
46	20	79469.6	38.4	-334.8	-37.1	2879.3	330.6
	220	-71729.6	-38.4	334.8	37.1	0.0	0.0
47	20	79469.6	-604.3	17.5	28.2	-150.6	-5196.8
	220	-71729.6	604.3	-17.5	-28.2	0.0	0.0
48	20	79469.6	628.0	-31.7	-51.1	272.6	5400.4
	220	-71729.6	-628.0	31.7	51.1	0.0	0.0
49	20	74568.2	0.0	0.0	-0.0	-0.0	0.0
	220	-66828.2	-0.0	-0.0	0.0	0.0	0.0
50	20	71300.6	-0.4	21.0	0.4	-180.7	-3.4
	220	-63560.6	0.4	-21.0	-0.4	0.0	0.0
51	20	71300.6	7.7	-67.0	-7.4	575.9	66.1

	220	-63560.6	-7.7	67.0	7.4	0.0	0.0
52	20	71300.6	-120.9	3.5	5.6	-30.1	-1039.4
	220	-63560.6	120.9	-3.5	-5.6	0.0	0.0
53	20	71300.6	125.6	-6.3	-10.2	54.5	1080.1
	220	-63560.6	-125.6	6.3	10.2	0.0	0.0
54	20	71300.6	0.0	0.0	-0.0	-0.0	0.0
	220	-63560.6	-0.0	-0.0	0.0	0.0	0.0
55	20	71300.6	-162.3	2674.3	-721.4	-22999.0	-1395.8
	220	-63560.6	162.3	-2674.3	721.4	0.0	0.0
56	20	71300.6	-328.9	3136.9	-368.9	-26977.5	-2828.3
	220	-63560.6	328.9	-3136.9	368.9	0.0	0.0
57	20	71300.6	1442.6	2584.4	-784.7	-22225.8	12406.3
	220	-63560.6	-1442.6	-2584.4	784.7	0.0	0.0
58	20	71300.6	1276.0	3047.0	-432.2	-26204.3	10973.8
	220	-63560.6	-1276.0	-3047.0	432.2	0.0	0.0
59	20	71300.6	-1961.8	2450.1	1058.6	-21070.8	-16871.9
	220	-63560.6	1961.8	-2450.1	-1058.6	0.0	0.0
60	20	71300.6	-2128.4	2912.7	1411.2	-25049.3	-18304.4
	220	-63560.6	2128.4	-2912.7	-1411.2	0.0	0.0
61	20	71300.6	-357.0	2360.2	995.3	-20297.6	-3069.8
	220	-63560.6	357.0	-2360.2	-995.3	0.0	0.0
62	20	71300.6	-523.5	2822.8	1347.8	-24276.2	-4502.3
	220	-63560.6	523.5	-2822.8	-1347.8	0.0	0.0
63	20	71300.6	523.5	-2822.8	-1347.8	24276.2	4502.3
	220	-63560.6	-523.5	2822.8	1347.8	0.0	0.0
64	20	71300.6	356.9	-2360.2	-995.3	20297.6	3069.8
	220	-63560.6	-356.9	2360.2	995.3	0.0	0.0
65	20	71300.6	2128.4	-2912.7	-1411.2	25049.3	18304.4
	220	-63560.6	-2128.4	2912.7	1411.2	0.0	0.0
66	20	71300.6	1961.8	-2450.1	-1058.6	21070.8	16871.9
	220	-63560.6	-1961.8	2450.1	1058.6	0.0	0.0
67	20	71300.6	-1276.0	-3047.0	432.2	26204.3	-10973.8
	220	-63560.6	1276.0	3047.0	-432.2	0.0	0.0
68	20	71300.6	-1442.6	-2584.4	784.7	22225.8	-12406.3
	220	-63560.6	1442.6	2584.4	-784.7	0.0	0.0
69	20	71300.6	328.9	-3136.9	368.9	26977.5	2828.3
	220	-63560.6	-328.9	3136.9	-368.9	0.0	0.0
70	20	71300.6	162.3	-2674.3	721.4	22999.0	1395.8
	220	-63560.6	-162.3	2674.3	-721.4	0.0	0.0
71	20	71300.6	-2230.1	237.0	-655.0	-2038.2	-19179.2
	220	-63560.6	2230.1	-237.0	655.0	0.0	0.0
72	20	71300.6	-2770.0	169.7	-121.0	-1459.7	-23822.1
	220	-63560.6	2770.0	-169.7	121.0	0.0	0.0
73	20	71300.6	-2024.4	-1412.1	-842.9	12144.4	-17409.8
	220	-63560.6	2024.4	1412.1	842.9	0.0	0.0
74	20	71300.6	-2564.3	-1479.4	-308.9	12722.8	-22052.6
	220	-63560.6	2564.3	1479.4	308.9	0.0	0.0
75	20	71300.6	-2785.4	1779.1	520.1	-15300.1	-23954.4
	220	-63560.6	2785.4	-1779.1	-520.1	0.0	0.0
76	20	71300.6	-3325.3	1711.8	1054.1	-14721.6	-28597.2
	220	-63560.6	3325.3	-1711.8	-1054.1	0.0	0.0
77	20	71300.6	-2579.6	129.9	332.1	-1117.5	-22185.0
	220	-63560.6	2579.6	-129.9	-332.1	0.0	0.0
78	20	71300.6	-3119.5	62.7	866.1	-539.1	-26827.8
	220	-63560.6	3119.5	-62.7	-866.1	0.0	0.0
79	20	71300.6	3119.5	-62.7	-866.1	539.1	26827.8
	220	-63560.6	-3119.5	62.7	866.1	0.0	0.0
80	20	71300.6	2579.6	-129.9	-332.1	1117.5	22185.0
	220	-63560.6	-2579.6	129.9	332.1	0.0	0.0
81	20	71300.6	3325.3	-1711.8	-1054.1	14721.6	28597.2
	220	-63560.6	-3325.3	1711.8	1054.1	0.0	0.0
82	20	71300.6	2785.4	-1779.1	-520.1	15300.1	23954.4
	220	-63560.6	-2785.4	1779.1	520.1	0.0	0.0
83	20	71300.6	2564.3	1479.4	308.9	-12722.8	22052.6
	220	-63560.6	-2564.3	-1479.4	-308.9	0.0	0.0

84	20	71300.6	2024.4	1412.1	842.9	-12144.4	17409.8
	220	-63560.6	-2024.4	-1412.1	-842.9	0.0	0.0
85	20	71300.6	2770.0	-169.7	121.0	1459.7	23822.1
	220	-63560.6	-2770.0	169.7	-121.0	0.0	0.0
86	20	71300.6	2230.1	-237.0	655.0	2038.2	19179.2
	220	-63560.6	-2230.1	237.0	-655.0	0.0	0.0
1	21	103454.6	-0.8	94.6	1.7	-813.4	-6.8
	221	-93392.7	0.8	-94.6	-1.7	0.0	0.0
2	21	103454.6	15.4	-301.3	-33.4	2591.4	132.1
	221	-93392.7	-15.4	301.3	33.4	0.0	0.0
3	21	103454.6	-529.2	15.8	25.4	-135.6	-4551.4
	221	-93392.7	529.2	-15.8	-25.4	0.0	0.0
4	21	103454.6	538.7	-28.5	-46.0	245.3	4632.7
	221	-93392.7	-538.7	28.5	46.0	0.0	0.0
5	21	92732.9	-1.3	157.6	2.9	-1355.6	-11.3
	221	-82670.9	1.3	-157.6	-2.9	0.0	0.0
6	21	92732.9	25.6	-502.2	-55.7	4319.0	220.2
	221	-82670.9	-25.6	502.2	55.7	0.0	0.0
7	21	92732.9	-882.0	26.3	42.4	-225.9	-7585.6
	221	-82670.9	882.0	-26.3	-42.4	0.0	0.0
8	21	92732.9	897.8	-47.5	-76.7	408.9	7721.2
	221	-82670.9	-897.8	47.5	76.7	0.0	0.0
9	21	61161.1	-627.8	3241.3	-874.2	-27875.5	-5398.7
	221	-53421.1	627.8	-3241.3	874.2	0.0	0.0
10	21	61161.1	-682.9	3802.1	-447.0	-32697.6	-5872.8
	221	-53421.1	682.9	-3802.1	447.0	0.0	0.0
11	21	61161.1	1260.7	3132.4	-951.0	-26938.4	10842.3
	221	-53421.1	-1260.7	-3132.4	951.0	0.0	0.0
12	21	61161.1	1205.6	3693.1	-523.7	-31760.5	10368.2
	221	-53421.1	-1205.6	-3693.1	523.7	0.0	0.0
13	21	61161.1	-1610.2	2969.6	1283.0	-25538.4	-13847.9
	221	-53421.1	1610.2	-2969.6	-1283.0	0.0	0.0
14	21	61161.1	-1665.3	3530.3	1710.3	-30360.5	-14321.9
	221	-53421.1	1665.3	-3530.3	-1710.3	0.0	0.0
15	21	61161.1	278.3	2860.6	1206.2	-24601.2	2393.2
	221	-53421.1	-278.3	-2860.6	-1206.2	0.0	0.0
16	21	61161.1	223.2	3421.3	1633.5	-29423.4	1919.1
	221	-53421.1	-223.2	-3421.3	-1633.5	0.0	0.0
17	21	61161.1	-223.2	-3421.3	-1633.5	29423.4	-1919.1
	221	-53421.1	223.2	3421.3	1633.5	0.0	0.0
18	21	61161.1	-278.3	-2860.6	-1206.2	24601.2	-2393.2
	221	-53421.1	278.3	2860.6	1206.2	0.0	0.0
19	21	61161.1	1665.3	-3530.3	-1710.3	30360.5	14321.9
	221	-53421.1	-1665.3	3530.3	1710.3	0.0	0.0
20	21	61161.1	1610.2	-2969.6	-1283.0	25538.4	13847.8
	221	-53421.1	-1610.2	2969.6	1283.0	0.0	0.0
21	21	61161.1	-1205.6	-3693.1	523.7	31760.5	-10368.2
	221	-53421.1	1205.6	3693.1	-523.7	0.0	0.0
22	21	61161.1	-1260.7	-3132.4	951.0	26938.4	-10842.3
	221	-53421.1	1260.7	3132.4	-951.0	0.0	0.0
23	21	61161.1	682.9	-3802.1	447.0	32697.6	5872.8
	221	-53421.1	-682.9	3802.1	-447.0	0.0	0.0
24	21	61161.1	627.8	-3241.3	874.2	27875.5	5398.7
	221	-53421.1	-627.8	3241.3	-874.2	0.0	0.0
25	21	61161.1	-2968.9	287.2	-793.8	-2470.3	-25532.8
	221	-53421.1	2968.9	-287.2	793.8	0.0	0.0
26	21	61161.1	-3263.7	205.7	-146.7	-1769.2	-28067.6
	221	-53421.1	3263.7	-205.7	146.7	0.0	0.0
27	21	61161.1	-2847.5	-1711.6	-1021.6	14719.3	-24488.9
	221	-53421.1	2847.5	1711.6	1021.6	0.0	0.0
28	21	61161.1	-3142.3	-1793.1	-374.4	15420.5	-27023.7
	221	-53421.1	3142.3	1793.1	374.4	0.0	0.0
29	21	61161.1	-3152.7	2156.3	630.4	-18544.2	-27113.1
	221	-53421.1	3152.7	-2156.3	-630.4	0.0	0.0

30	21	61161.1	-3447.4	2074.8	1277.5	-17843.1	-29647.8
	221	-53421.1	3447.4	-2074.8	-1277.5	0.0	0.0
31	21	61161.1	-3031.3	157.5	402.6	-1354.5	-26069.2
	221	-53421.1	3031.3	-157.5	-402.6	0.0	0.0
32	21	61161.1	-3326.0	76.0	1049.7	-653.4	-28603.9
	221	-53421.1	3326.0	-76.0	-1049.7	0.0	0.0
33	21	61161.1	3326.0	-76.0	-1049.7	653.4	28603.9
	221	-53421.1	-3326.0	76.0	1049.7	0.0	0.0
34	21	61161.1	3031.3	-157.5	-402.6	1354.5	26069.2
	221	-53421.1	-3031.3	157.5	402.6	0.0	0.0
35	21	61161.1	3447.4	-2074.8	-1277.5	17843.1	29647.8
	221	-53421.1	-3447.4	2074.8	1277.5	0.0	0.0
36	21	61161.1	3152.7	-2156.3	-630.4	18544.2	27113.1
	221	-53421.1	-3152.7	2156.3	630.4	0.0	0.0
37	21	61161.1	3142.3	1793.1	374.4	-15420.5	27023.7
	221	-53421.1	-3142.3	-1793.1	-374.4	0.0	0.0
38	21	61161.1	2847.5	1711.6	1021.6	-14719.3	24488.9
	221	-53421.1	-2847.5	-1711.6	-1021.6	0.0	0.0
39	21	61161.1	3263.7	-205.7	146.7	1769.2	28067.6
	221	-53421.1	-3263.7	205.7	-146.7	0.0	0.0
40	21	61161.1	2968.9	-287.2	793.8	2470.3	25532.8
	221	-53421.1	-2968.9	287.2	-793.8	0.0	0.0
41	21	75456.8	-0.5	63.1	1.1	-542.2	-4.5
	221	-67716.8	0.5	-63.1	-1.1	0.0	0.0
42	21	75456.8	10.2	-200.9	-22.3	1727.6	88.1
	221	-67716.8	-10.2	200.9	22.3	0.0	0.0
43	21	75456.8	-352.8	10.5	16.9	-90.4	-3034.3
	221	-67716.8	352.8	-10.5	-16.9	0.0	0.0
44	21	75456.8	359.1	-19.0	-30.7	163.6	3088.5
	221	-67716.8	-359.1	19.0	30.7	0.0	0.0
45	21	68308.9	-0.9	105.1	1.9	-903.7	-7.5
	221	-60568.9	0.9	-105.1	-1.9	0.0	0.0
46	21	68308.9	17.1	-334.8	-37.1	2879.3	146.8
	221	-60568.9	-17.1	334.8	37.1	0.0	0.0
47	21	68308.9	-588.0	17.5	28.2	-150.6	-5057.1
	221	-60568.9	588.0	-17.5	-28.2	0.0	0.0
48	21	68308.9	598.5	-31.7	-51.1	272.6	5147.5
	221	-60568.9	-598.5	31.7	51.1	0.0	0.0
49	21	64020.2	0.0	0.0	-0.0	-0.0	0.0
	221	-56280.2	-0.0	-0.0	0.0	0.0	0.0
50	21	61161.1	-0.2	21.0	0.4	-180.7	-1.5
	221	-53421.1	0.2	-21.0	-0.4	0.0	0.0
51	21	61161.1	3.4	-67.0	-7.4	575.9	29.4
	221	-53421.1	-3.4	67.0	7.4	0.0	0.0
52	21	61161.1	-117.6	3.5	5.6	-30.1	-1011.4
	221	-53421.1	117.6	-3.5	-5.6	0.0	0.0
53	21	61161.1	119.7	-6.3	-10.2	54.5	1029.5
	221	-53421.1	-119.7	6.3	10.2	0.0	0.0
54	21	61161.1	0.0	0.0	-0.0	-0.0	0.0
	221	-53421.1	-0.0	-0.0	0.0	0.0	0.0
55	21	61161.1	-517.9	2674.3	-721.4	-22999.0	-4453.9
	221	-53421.1	517.9	-2674.3	721.4	0.0	0.0
56	21	61161.1	-563.4	3136.9	-368.9	-26977.5	-4845.0
	221	-53421.1	563.4	-3136.9	368.9	0.0	0.0
57	21	61161.1	1040.2	2584.4	-784.7	-22225.8	8946.1
	221	-53421.1	-1040.2	-2584.4	784.7	0.0	0.0
58	21	61161.1	994.8	3047.0	-432.2	-26204.3	8555.0
	221	-53421.1	-994.8	-3047.0	432.2	0.0	0.0
59	21	61161.1	-1328.6	2450.1	1058.6	-21070.8	-11425.7
	221	-53421.1	1328.6	-2450.1	-1058.6	0.0	0.0
60	21	61161.1	-1374.0	2912.7	1411.2	-25049.3	-11816.8
	221	-53421.1	1374.0	-2912.7	-1411.2	0.0	0.0
61	21	61161.1	229.6	2360.2	995.3	-20297.6	1974.3
	221	-53421.1	-229.6	-2360.2	-995.3	0.0	0.0
62	21	61161.1	184.1	2822.8	1347.8	-24276.2	1583.2

	221	-53421.1	-184.1	-2822.8	-1347.8	0.0	0.0
63	21	61161.1	-184.1	-2822.8	-1347.8	24276.2	-1583.2
	221	-53421.1	184.1	2822.8	1347.8	0.0	0.0
64	21	61161.1	-229.6	-2360.2	-995.3	20297.6	-1974.3
	221	-53421.1	229.6	2360.2	995.3	0.0	0.0
65	21	61161.1	1374.0	-2912.7	-1411.2	25049.3	11816.8
	221	-53421.1	-1374.0	2912.7	1411.2	0.0	0.0
66	21	61161.1	1328.6	-2450.1	-1058.6	21070.8	11425.7
	221	-53421.1	-1328.6	2450.1	1058.6	0.0	0.0
67	21	61161.1	-994.8	-3047.0	432.2	26204.3	-8555.0
	221	-53421.1	994.8	3047.0	-432.2	0.0	0.0
68	21	61161.1	-1040.2	-2584.4	784.7	22225.8	-8946.1
	221	-53421.1	1040.2	2584.4	-784.7	0.0	0.0
69	21	61161.1	563.4	-3136.9	368.9	26977.5	4845.0
	221	-53421.1	-563.4	3136.9	-368.9	0.0	0.0
70	21	61161.1	517.9	-2674.3	721.4	22999.0	4453.9
	221	-53421.1	-517.9	2674.3	-721.4	0.0	0.0
71	21	61161.1	-2449.6	237.0	-655.0	-2038.2	-21066.3
	221	-53421.1	2449.6	-237.0	655.0	0.0	0.0
72	21	61161.1	-2692.8	169.7	-121.0	-1459.7	-23157.8
	221	-53421.1	2692.8	-169.7	121.0	0.0	0.0
73	21	61161.1	-2349.4	-1412.1	-842.9	12144.4	-20205.1
	221	-53421.1	2349.4	1412.1	842.9	0.0	0.0
74	21	61161.1	-2592.6	-1479.4	-308.9	12722.8	-22296.6
	221	-53421.1	2592.6	1479.4	308.9	0.0	0.0
75	21	61161.1	-2601.2	1779.1	520.1	-15300.1	-22370.0
	221	-53421.1	2601.2	-1779.1	-520.1	0.0	0.0
76	21	61161.1	-2844.4	1711.8	1054.1	-14721.6	-24461.6
	221	-53421.1	2844.4	-1711.8	-1054.1	0.0	0.0
77	21	61161.1	-2501.0	129.9	332.1	-1117.5	-21508.8
	221	-53421.1	2501.0	-129.9	-332.1	0.0	0.0
78	21	61161.1	-2744.2	62.7	866.1	-539.1	-23600.3
	221	-53421.1	2744.2	-62.7	-866.1	0.0	0.0
79	21	61161.1	2744.2	-62.7	-866.1	539.1	23600.3
	221	-53421.1	-2744.2	62.7	866.1	0.0	0.0
80	21	61161.1	2501.0	-129.9	-332.1	1117.5	21508.8
	221	-53421.1	-2501.0	129.9	332.1	0.0	0.0
81	21	61161.1	2844.4	-1711.8	-1054.1	14721.6	24461.6
	221	-53421.1	-2844.4	1711.8	1054.1	0.0	0.0
82	21	61161.1	2601.2	-1779.1	-520.1	15300.1	22370.0
	221	-53421.1	-2601.2	1779.1	520.1	0.0	0.0
83	21	61161.1	2592.6	1479.4	308.9	-12722.8	22296.6
	221	-53421.1	-2592.6	-1479.4	-308.9	0.0	0.0
84	21	61161.1	2349.4	1412.1	842.9	-12144.4	20205.1
	221	-53421.1	-2349.4	-1412.1	-842.9	0.0	0.0
85	21	61161.1	2692.8	-169.7	121.0	1459.7	23157.8
	221	-53421.1	-2692.8	169.7	-121.0	0.0	0.0
86	21	61161.1	2449.6	-237.0	655.0	2038.2	21066.3
	221	-53421.1	-2449.6	237.0	-655.0	0.0	0.0
1	22	110324.3	0.2	94.6	1.7	-813.4	1.7
	222	-100262.3	-0.2	-94.6	-1.7	0.0	0.0
2	22	110324.3	-3.9	-301.3	-33.4	2591.4	-33.3
	222	-100262.3	3.9	301.3	33.4	0.0	0.0
3	22	110324.3	-514.6	15.8	25.4	-135.6	-4425.6
	222	-100262.3	514.6	-15.8	-25.4	0.0	0.0
4	22	110324.3	512.2	-28.5	-46.0	245.3	4405.1
	222	-100262.3	-512.2	28.5	46.0	0.0	0.0
5	22	98918.6	0.3	157.6	2.9	-1355.6	2.8
	222	-88856.6	-0.3	-157.6	-2.9	0.0	0.0
6	22	98918.6	-6.5	-502.2	-55.7	4319.0	-55.5
	222	-88856.6	6.5	502.2	55.7	0.0	0.0
7	22	98918.6	-857.7	26.3	42.4	-225.9	-7376.0
	222	-88856.6	857.7	-26.3	-42.4	0.0	0.0
8	22	98918.6	853.7	-47.5	-76.7	408.9	7341.8

	222	-88856.6	-853.7	47.5	76.7	0.0	0.0
9	22	65270.5	-1157.6	3241.3	-874.2	-27875.5	-9955.5
	222	-57530.5	1157.6	-3241.3	874.2	0.0	0.0
10	22	65270.5	-1069.7	3802.1	-447.0	-32697.6	-9199.6
	222	-57530.5	1069.7	-3802.1	447.0	0.0	0.0
11	22	65270.5	694.8	3132.4	-951.0	-26938.4	5975.5
	222	-57530.5	-694.8	-3132.4	951.0	0.0	0.0
12	22	65270.5	782.7	3693.1	-523.7	-31760.5	6731.3
	222	-57530.5	-782.7	-3693.1	523.7	0.0	0.0
13	22	65270.5	-651.0	2969.6	1283.0	-25538.4	-5598.9
	222	-57530.5	651.0	-2969.6	-1283.0	0.0	0.0
14	22	65270.5	-563.1	3530.3	1710.3	-30360.5	-4843.0
	222	-57530.5	563.1	-3530.3	-1710.3	0.0	0.0
15	22	65270.5	1201.4	2860.6	1206.2	-24601.2	10332.1
	222	-57530.5	-1201.4	-2860.6	-1206.2	0.0	0.0
16	22	65270.5	1289.3	3421.3	1633.5	-29423.4	11087.9
	222	-57530.5	-1289.3	-3421.3	-1633.5	0.0	0.0
17	22	65270.5	-1289.3	-3421.3	-1633.5	29423.4	-11087.9
	222	-57530.5	1289.3	3421.3	1633.5	0.0	0.0
18	22	65270.5	-1201.4	-2860.6	-1206.2	24601.2	-10332.1
	222	-57530.5	1201.4	2860.6	1206.2	0.0	0.0
19	22	65270.5	563.1	-3530.3	-1710.3	30360.5	4843.0
	222	-57530.5	-563.1	3530.3	1710.3	0.0	0.0
20	22	65270.5	651.0	-2969.6	-1283.0	25538.4	5598.9
	222	-57530.5	-651.0	2969.6	1283.0	0.0	0.0
21	22	65270.5	-782.7	-3693.1	523.7	31760.5	-6731.3
	222	-57530.5	782.7	3693.1	-523.7	0.0	0.0
22	22	65270.5	-694.8	-3132.4	951.0	26938.4	-5975.5
	222	-57530.5	694.8	3132.4	-951.0	0.0	0.0
23	22	65270.5	1069.7	-3802.1	447.0	32697.6	9199.6
	222	-57530.5	-1069.7	3802.1	-447.0	0.0	0.0
24	22	65270.5	1157.6	-3241.3	874.2	27875.5	9955.5
	222	-57530.5	-1157.6	3241.3	-874.2	0.0	0.0
25	22	65270.5	-3290.1	287.2	-793.8	-2470.3	-28295.0
	222	-57530.5	3290.1	-287.2	793.8	0.0	0.0
26	22	65270.5	-3138.1	205.7	-146.7	-1769.2	-26988.0
	222	-57530.5	3138.1	-205.7	146.7	0.0	0.0
27	22	65270.5	-3329.6	-1711.6	-1021.6	14719.3	-28634.7
	222	-57530.5	3329.6	1711.6	1021.6	0.0	0.0
28	22	65270.5	-3177.6	-1793.1	-374.4	15420.5	-27327.7
	222	-57530.5	3177.6	1793.1	374.4	0.0	0.0
29	22	65270.5	-2997.1	2156.3	630.4	-18544.2	-25775.5
	222	-57530.5	2997.1	-2156.3	-630.4	0.0	0.0
30	22	65270.5	-2845.2	2074.8	1277.5	-17843.1	-24468.5
	222	-57530.5	2845.2	-2074.8	-1277.5	0.0	0.0
31	22	65270.5	-3036.7	157.5	402.6	-1354.5	-26115.2
	222	-57530.5	3036.7	-157.5	-402.6	0.0	0.0
32	22	65270.5	-2884.7	76.0	1049.7	-653.4	-24808.2
	222	-57530.5	2884.7	-76.0	-1049.7	0.0	0.0
33	22	65270.5	2884.7	-76.0	-1049.7	653.4	24808.2
	222	-57530.5	-2884.7	76.0	1049.7	0.0	0.0
34	22	65270.5	3036.7	-157.5	-402.6	1354.5	26115.2
	222	-57530.5	-3036.7	157.5	402.6	0.0	0.0
35	22	65270.5	2845.2	-2074.8	-1277.5	17843.1	24468.5
	222	-57530.5	-2845.2	2074.8	1277.5	0.0	0.0
36	22	65270.5	2997.1	-2156.3	-630.4	18544.2	25775.5
	222	-57530.5	-2997.1	2156.3	630.4	0.0	0.0
37	22	65270.5	3177.6	1793.1	374.4	-15420.5	27327.7
	222	-57530.5	-3177.6	-1793.1	-374.4	0.0	0.0
38	22	65270.5	3329.6	1711.6	1021.6	-14719.3	28634.7
	222	-57530.5	-3329.6	-1711.6	-1021.6	0.0	0.0
39	22	65270.5	3138.1	-205.7	146.7	1769.2	26988.0
	222	-57530.5	-3138.1	205.7	-146.7	0.0	0.0
40	22	65270.5	3290.1	-287.2	793.8	2470.3	28295.0
	222	-57530.5	-3290.1	287.2	-793.8	0.0	0.0

41	22	80478.0	0.1	63.1	1.1	-542.2	1.1
	222	-72738.0	-0.1	-63.1	-1.1	0.0	0.0
42	22	80478.0	-2.6	-200.9	-22.3	1727.6	-22.2
	222	-72738.0	2.6	200.9	22.3	0.0	0.0
43	22	80478.0	-343.1	10.5	16.9	-90.4	-2950.4
	222	-72738.0	343.1	-10.5	-16.9	0.0	0.0
44	22	80478.0	341.5	-19.0	-30.7	163.6	2936.7
	222	-72738.0	-341.5	19.0	30.7	0.0	0.0
45	22	72874.3	0.2	105.1	1.9	-903.7	1.9
	222	-65134.3	-0.2	-105.1	-1.9	0.0	0.0
46	22	72874.3	-4.3	-334.8	-37.1	2879.3	-37.0
	222	-65134.3	4.3	334.8	37.1	0.0	0.0
47	22	72874.3	-571.8	17.5	28.2	-150.6	-4917.3
	222	-65134.3	571.8	-17.5	-28.2	0.0	0.0
48	22	72874.3	569.1	-31.7	-51.1	272.6	4894.5
	222	-65134.3	-569.1	31.7	51.1	0.0	0.0
49	22	68312.0	-0.0	0.0	-0.0	-0.0	-0.0
	222	-60572.0	0.0	-0.0	0.0	0.0	0.0
50	22	65270.5	0.0	21.0	0.4	-180.7	0.4
	222	-57530.5	-0.0	-21.0	-0.4	0.0	0.0
51	22	65270.5	-0.9	-67.0	-7.4	575.9	-7.4
	222	-57530.5	0.9	67.0	7.4	0.0	0.0
52	22	65270.5	-114.4	3.5	5.6	-30.1	-983.5
	222	-57530.5	114.4	-3.5	-5.6	0.0	0.0
53	22	65270.5	113.8	-6.3	-10.2	54.5	978.9
	222	-57530.5	-113.8	6.3	10.2	0.0	0.0
54	22	65270.5	-0.0	0.0	-0.0	-0.0	-0.0
	222	-57530.5	0.0	-0.0	0.0	0.0	0.0
55	22	65270.5	-955.1	2674.3	-721.4	-22999.0	-8214.0
	222	-57530.5	955.1	-2674.3	721.4	0.0	0.0
56	22	65270.5	-882.6	3136.9	-368.9	-26977.5	-7590.4
	222	-57530.5	882.6	-3136.9	368.9	0.0	0.0
57	22	65270.5	573.3	2584.4	-784.7	-22225.8	4930.1
	222	-57530.5	-573.3	-2584.4	784.7	0.0	0.0
58	22	65270.5	645.8	3047.0	-432.2	-26204.3	5553.7
	222	-57530.5	-645.8	-3047.0	432.2	0.0	0.0
59	22	65270.5	-537.1	2450.1	1058.6	-21070.8	-4619.4
	222	-57530.5	537.1	-2450.1	-1058.6	0.0	0.0
60	22	65270.5	-464.6	2912.7	1411.2	-25049.3	-3995.8
	222	-57530.5	464.6	-2912.7	-1411.2	0.0	0.0
61	22	65270.5	991.2	2360.2	995.3	-20297.6	8524.7
	222	-57530.5	-991.2	-2360.2	-995.3	0.0	0.0
62	22	65270.5	1063.8	2822.8	1347.8	-24276.2	9148.3
	222	-57530.5	-1063.8	-2822.8	-1347.8	0.0	0.0
63	22	65270.5	-1063.8	-2822.8	-1347.8	24276.2	-9148.4
	222	-57530.5	1063.8	2822.8	1347.8	0.0	0.0
64	22	65270.5	-991.2	-2360.2	-995.3	20297.6	-8524.7
	222	-57530.5	991.2	2360.2	995.3	0.0	0.0
65	22	65270.5	464.6	-2912.7	-1411.2	25049.3	3995.8
	222	-57530.5	-464.6	2912.7	1411.2	0.0	0.0
66	22	65270.5	537.1	-2450.1	-1058.6	21070.8	4619.4
	222	-57530.5	-537.1	2450.1	1058.6	0.0	0.0
67	22	65270.5	-645.8	-3047.0	432.2	26204.3	-5553.7
	222	-57530.5	645.8	3047.0	-432.2	0.0	0.0
68	22	65270.5	-573.3	-2584.4	784.7	22225.8	-4930.1
	222	-57530.5	573.3	2584.4	-784.7	0.0	0.0
69	22	65270.5	882.6	-3136.9	368.9	26977.5	7590.4
	222	-57530.5	-882.6	3136.9	-368.9	0.0	0.0
70	22	65270.5	955.1	-2674.3	721.4	22999.0	8214.0
	222	-57530.5	-955.1	2674.3	-721.4	0.0	0.0
71	22	65270.5	-2714.6	237.0	-655.0	-2038.2	-23345.3
	222	-57530.5	2714.6	-237.0	655.0	0.0	0.0
72	22	65270.5	-2589.2	169.7	-121.0	-1459.7	-22266.9
	222	-57530.5	2589.2	-169.7	121.0	0.0	0.0
73	22	65270.5	-2747.2	-1412.1	-842.9	12144.4	-23625.6

	222	-57530.5	2747.2	1412.1	842.9	0.0	0.0
74	22	65270.5	-2621.8	-1479.4	-308.9	12722.8	-22547.2
	222	-57530.5	2621.8	1479.4	308.9	0.0	0.0
75	22	65270.5	-2472.9	1779.1	520.1	-15300.1	-21266.6
	222	-57530.5	2472.9	-1779.1	-520.1	0.0	0.0
76	22	65270.5	-2347.5	1711.8	1054.1	-14721.6	-20188.2
	222	-57530.5	2347.5	-1711.8	-1054.1	0.0	0.0
77	22	65270.5	-2505.5	129.9	332.1	-1117.5	-21546.9
	222	-57530.5	2505.5	-129.9	-332.1	0.0	0.0
78	22	65270.5	-2380.1	62.7	866.1	-539.1	-20468.5
	222	-57530.5	2380.1	-62.7	-866.1	0.0	0.0
79	22	65270.5	2380.1	-62.7	-866.1	539.1	20468.5
	222	-57530.5	-2380.1	62.7	866.1	0.0	0.0
80	22	65270.5	2505.5	-129.9	-332.1	1117.5	21546.9
	222	-57530.5	-2505.5	129.9	332.1	0.0	0.0
81	22	65270.5	2347.5	-1711.8	-1054.1	14721.6	20188.2
	222	-57530.5	-2347.5	1711.8	1054.1	0.0	0.0
82	22	65270.5	2472.9	-1779.1	-520.1	15300.1	21266.6
	222	-57530.5	-2472.9	1779.1	520.1	0.0	0.0
83	22	65270.5	2621.8	1479.4	308.9	-12722.8	22547.2
	222	-57530.5	-2621.8	-1479.4	-308.9	0.0	0.0
84	22	65270.5	2747.2	1412.1	842.9	-12144.4	23625.6
	222	-57530.5	-2747.2	-1412.1	-842.9	0.0	0.0
85	22	65270.5	2589.2	-169.7	121.0	1459.7	22266.9
	222	-57530.5	-2589.2	169.7	-121.0	0.0	0.0
86	22	65270.5	2714.6	-237.0	655.0	2038.2	23345.3
	222	-57530.5	-2714.6	237.0	-655.0	0.0	0.0
1	23	112194.8	1.2	94.6	1.7	-813.4	10.2
	223	-102132.8	-1.2	-94.6	-1.7	0.0	0.0
2	23	112194.8	-23.1	-301.3	-33.4	2591.4	-198.8
	223	-102132.8	23.1	301.3	33.4	0.0	0.0
3	23	112194.8	-500.0	15.8	25.4	-135.6	-4299.8
	223	-102132.8	500.0	-15.8	-25.4	0.0	0.0
4	23	112194.8	485.7	-28.5	-46.0	245.3	4177.4
	223	-102132.8	-485.7	28.5	46.0	0.0	0.0
5	23	100616.6	2.0	157.6	2.9	-1355.6	17.0
	223	-90554.6	-2.0	-157.6	-2.9	0.0	0.0
6	23	100616.6	-38.5	-502.2	-55.7	4319.0	-331.3
	223	-90554.6	38.5	502.2	55.7	0.0	0.0
7	23	100616.6	-833.3	26.3	42.4	-225.9	-7166.3
	223	-90554.6	833.3	-26.3	-42.4	0.0	0.0
8	23	100616.6	809.6	-47.5	-76.7	408.9	6962.4
	223	-90554.6	-809.6	47.5	76.7	0.0	0.0
9	23	66413.0	-1587.8	3241.3	-874.2	-27875.5	-13655.2
	223	-58673.0	1587.8	-3241.3	874.2	0.0	0.0
10	23	66413.0	-1366.0	3802.1	-447.0	-32697.6	-11748.0
	223	-58673.0	1366.0	-3802.1	447.0	0.0	0.0
11	23	66413.0	251.9	3132.4	-951.0	-26938.4	2166.6
	223	-58673.0	-251.9	-3132.4	951.0	0.0	0.0
12	23	66413.0	473.7	3693.1	-523.7	-31760.5	4073.8
	223	-58673.0	-473.7	-3693.1	523.7	0.0	0.0
13	23	66413.0	32.7	2969.6	1283.0	-25538.4	280.9
	223	-58673.0	-32.7	-2969.6	-1283.0	0.0	0.0
14	23	66413.0	254.4	3530.3	1710.3	-30360.5	2188.2
	223	-58673.0	-254.4	-3530.3	-1710.3	0.0	0.0
15	23	66413.0	1872.4	2860.6	1206.2	-24601.2	16102.7
	223	-58673.0	-1872.4	-2860.6	-1206.2	0.0	0.0
16	23	66413.0	2094.2	3421.3	1633.5	-29423.4	18010.0
	223	-58673.0	-2094.2	-3421.3	-1633.5	0.0	0.0
17	23	66413.0	-2094.2	-3421.3	-1633.5	29423.4	-18010.0
	223	-58673.0	2094.2	3421.3	1633.5	0.0	0.0
18	23	66413.0	-1872.4	-2860.6	-1206.2	24601.2	-16102.8
	223	-58673.0	1872.4	2860.6	1206.2	0.0	0.0
19	23	66413.0	-254.4	-3530.3	-1710.3	30360.5	-2188.2

	223	-58673.0	254.4	3530.3	1710.3	0.0	0.0
20	23	66413.0	-32.7	-2969.6	-1283.0	25538.4	-280.9
	223	-58673.0	32.7	2969.6	1283.0	0.0	0.0
21	23	66413.0	-473.7	-3693.1	523.7	31760.5	-4073.8
	223	-58673.0	473.7	3693.1	-523.7	0.0	0.0
22	23	66413.0	-251.9	-3132.4	951.0	26938.4	-2166.6
	223	-58673.0	251.9	3132.4	-951.0	0.0	0.0
23	23	66413.0	1366.0	-3802.1	447.0	32697.6	11748.0
	223	-58673.0	-1366.0	3802.1	-447.0	0.0	0.0
24	23	66413.0	1587.8	-3241.3	874.2	27875.5	13655.2
	223	-58673.0	-1587.8	3241.3	-874.2	0.0	0.0
25	23	66413.0	-3603.0	287.2	-793.8	-2470.3	-30985.6
	223	-58673.0	3603.0	-287.2	793.8	0.0	0.0
26	23	66413.0	-3116.8	205.7	-146.7	-1769.2	-26804.8
	223	-58673.0	3116.8	-205.7	146.7	0.0	0.0
27	23	66413.0	-3754.9	-1711.6	-1021.6	14719.3	-32292.1
	223	-58673.0	3754.9	1711.6	1021.6	0.0	0.0
28	23	66413.0	-3268.7	-1793.1	-374.4	15420.5	-28111.2
	223	-58673.0	3268.7	1793.1	374.4	0.0	0.0
29	23	66413.0	-2863.7	2156.3	630.4	-18544.2	-24628.2
	223	-58673.0	2863.7	-2156.3	-630.4	0.0	0.0
30	23	66413.0	-2377.6	2074.8	1277.5	-17843.1	-20447.3
	223	-58673.0	2377.6	-2074.8	-1277.5	0.0	0.0
31	23	66413.0	-3015.7	157.5	402.6	-1354.5	-25934.6
	223	-58673.0	3015.7	-157.5	-402.6	0.0	0.0
32	23	66413.0	-2529.5	76.0	1049.7	-653.4	-21753.8
	223	-58673.0	2529.5	-76.0	-1049.7	0.0	0.0
33	23	66413.0	2529.5	-76.0	-1049.7	653.4	21753.8
	223	-58673.0	-2529.5	76.0	1049.7	0.0	0.0
34	23	66413.0	3015.7	-157.5	-402.6	1354.5	25934.6
	223	-58673.0	-3015.7	157.5	402.6	0.0	0.0
35	23	66413.0	2377.6	-2074.8	-1277.5	17843.1	20447.3
	223	-58673.0	-2377.6	2074.8	1277.5	0.0	0.0
36	23	66413.0	2863.7	-2156.3	-630.4	18544.2	24628.2
	223	-58673.0	-2863.7	2156.3	630.4	0.0	0.0
37	23	66413.0	3268.7	1793.1	374.4	-15420.5	28111.2
	223	-58673.0	-3268.7	-1793.1	-374.4	0.0	0.0
38	23	66413.0	3754.9	1711.6	1021.6	-14719.3	32292.0
	223	-58673.0	-3754.9	-1711.6	-1021.6	0.0	0.0
39	23	66413.0	3116.8	-205.7	146.7	1769.2	26804.8
	223	-58673.0	-3116.8	205.7	-146.7	0.0	0.0
40	23	66413.0	3603.0	-287.2	793.8	2470.3	30985.6
	223	-58673.0	-3603.0	287.2	-793.8	0.0	0.0
41	23	81850.5	0.8	63.1	1.1	-542.2	6.8
	223	-74110.5	-0.8	-63.1	-1.1	0.0	0.0
42	23	81850.5	-15.4	-200.9	-22.3	1727.6	-132.5
	223	-74110.5	15.4	200.9	22.3	0.0	0.0
43	23	81850.5	-333.3	10.5	16.9	-90.4	-2866.5
	223	-74110.5	333.3	-10.5	-16.9	0.0	0.0
44	23	81850.5	323.8	-19.0	-30.7	163.6	2784.9
	223	-74110.5	-323.8	19.0	30.7	0.0	0.0
45	23	74131.7	1.3	105.1	1.9	-903.7	11.3
	223	-66391.7	-1.3	-105.1	-1.9	0.0	0.0
46	23	74131.7	-25.7	-334.8	-37.1	2879.3	-220.8
	223	-66391.7	25.7	334.8	37.1	0.0	0.0
47	23	74131.7	-555.5	17.5	28.2	-150.6	-4777.6
	223	-66391.7	555.5	-17.5	-28.2	0.0	0.0
48	23	74131.7	539.7	-31.7	-51.1	272.6	4641.6
	223	-66391.7	-539.7	31.7	51.1	0.0	0.0
49	23	69500.5	-0.0	0.0	-0.0	-0.0	-0.0
	223	-61760.5	0.0	-0.0	0.0	0.0	0.0
50	23	66413.0	0.3	21.0	0.4	-180.7	2.3
	223	-58673.0	-0.3	-21.0	-0.4	0.0	0.0
51	23	66413.0	-5.1	-67.0	-7.4	575.9	-44.2
	223	-58673.0	5.1	67.0	7.4	0.0	0.0

52	23	66413.0	-111.1	3.5	5.6	-30.1	-955.5
	223	-58673.0	111.1	-3.5	-5.6	0.0	0.0
53	23	66413.0	107.9	-6.3	-10.2	54.5	928.3
	223	-58673.0	-107.9	6.3	10.2	0.0	0.0
54	23	66413.0	-0.0	0.0	-0.0	-0.0	-0.0
	223	-58673.0	0.0	-0.0	0.0	0.0	0.0
55	23	66413.0	-1310.1	2674.3	-721.4	-22999.0	-11267.1
	223	-58673.0	1310.1	-2674.3	721.4	0.0	0.0
56	23	66413.0	-1127.2	3136.9	-368.9	-26977.5	-9693.6
	223	-58673.0	1127.2	-3136.9	368.9	0.0	0.0
57	23	66413.0	207.8	2584.4	-784.7	-22225.8	1787.0
	223	-58673.0	-207.8	-2584.4	784.7	0.0	0.0
58	23	66413.0	390.8	3047.0	-432.2	-26204.3	3360.5
	223	-58673.0	-390.8	-3047.0	432.2	0.0	0.0
59	23	66413.0	27.0	2450.1	1058.6	-21070.8	232.2
	223	-58673.0	-27.0	-2450.1	-1058.6	0.0	0.0
60	23	66413.0	210.0	2912.7	1411.2	-25049.3	1805.7
	223	-58673.0	-210.0	-2912.7	-1411.2	0.0	0.0
61	23	66413.0	1544.9	2360.2	995.3	-20297.6	13286.3
	223	-58673.0	-1544.9	-2360.2	-995.3	0.0	0.0
62	23	66413.0	1727.9	2822.8	1347.8	-24276.2	14859.8
	223	-58673.0	-1727.9	-2822.8	-1347.8	0.0	0.0
63	23	66413.0	-1727.9	-2822.8	-1347.8	24276.2	-14859.8
	223	-58673.0	1727.9	2822.8	1347.8	0.0	0.0
64	23	66413.0	-1544.9	-2360.2	-995.3	20297.6	-13286.3
	223	-58673.0	1544.9	2360.2	995.3	0.0	0.0
65	23	66413.0	-210.0	-2912.7	-1411.2	25049.3	-1805.7
	223	-58673.0	210.0	2912.7	1411.2	0.0	0.0
66	23	66413.0	-27.0	-2450.1	-1058.6	21070.8	-232.2
	223	-58673.0	27.0	2450.1	1058.6	0.0	0.0
67	23	66413.0	-390.8	-3047.0	432.2	26204.3	-3360.5
	223	-58673.0	390.8	3047.0	-432.2	0.0	0.0
68	23	66413.0	-207.8	-2584.4	784.7	22225.8	-1787.0
	223	-58673.0	207.8	2584.4	-784.7	0.0	0.0
69	23	66413.0	1127.2	-3136.9	368.9	26977.5	9693.6
	223	-58673.0	-1127.2	3136.9	-368.9	0.0	0.0
70	23	66413.0	1310.1	-2674.3	721.4	22999.0	11267.1
	223	-58673.0	-1310.1	2674.3	-721.4	0.0	0.0
71	23	66413.0	-2972.7	237.0	-655.0	-2038.2	-25565.4
	223	-58673.0	2972.7	-237.0	655.0	0.0	0.0
72	23	66413.0	-2571.6	169.7	-121.0	-1459.7	-22115.6
	223	-58673.0	2571.6	-169.7	121.0	0.0	0.0
73	23	66413.0	-3098.0	-1412.1	-842.9	12144.4	-26643.2
	223	-58673.0	3098.0	1412.1	842.9	0.0	0.0
74	23	66413.0	-2696.9	-1479.4	-308.9	12722.8	-23193.4
	223	-58673.0	2696.9	1479.4	308.9	0.0	0.0
75	23	66413.0	-2362.8	1779.1	520.1	-15300.1	-20320.3
	223	-58673.0	2362.8	-1779.1	-520.1	0.0	0.0
76	23	66413.0	-1961.7	1711.8	1054.1	-14721.6	-16870.5
	223	-58673.0	1961.7	-1711.8	-1054.1	0.0	0.0
77	23	66413.0	-2488.1	129.9	332.1	-1117.5	-21398.1
	223	-58673.0	2488.1	-129.9	-332.1	0.0	0.0
78	23	66413.0	-2087.0	62.7	866.1	-539.1	-17948.3
	223	-58673.0	2087.0	-62.7	-866.1	0.0	0.0
79	23	66413.0	2087.0	-62.7	-866.1	539.1	17948.3
	223	-58673.0	-2087.0	62.7	866.1	0.0	0.0
80	23	66413.0	2488.1	-129.9	-332.1	1117.5	21398.1
	223	-58673.0	-2488.1	129.9	332.1	0.0	0.0
81	23	66413.0	1961.7	-1711.8	-1054.1	14721.6	16870.5
	223	-58673.0	-1961.7	1711.8	1054.1	0.0	0.0
82	23	66413.0	2362.8	-1779.1	-520.1	15300.1	20320.2
	223	-58673.0	-2362.8	1779.1	520.1	0.0	0.0
83	23	66413.0	2696.9	1479.4	308.9	-12722.8	23193.4
	223	-58673.0	-2696.9	-1479.4	-308.9	0.0	0.0
84	23	66413.0	3098.0	1412.1	842.9	-12144.4	26643.2

	223	-58673.0	-3098.0	-1412.1	-842.9	0.0	0.0
85	23	66413.0	2571.6	-169.7	121.0	1459.7	22115.6
	223	-58673.0	-2571.6	169.7	-121.0	0.0	0.0
86	23	66413.0	2972.7	-237.0	655.0	2038.2	25565.4
	223	-58673.0	-2972.7	237.0	-655.0	0.0	0.0
1	24	61989.7	2.2	94.6	1.7	-813.4	18.6
	224	-51927.7	-2.2	-94.6	-1.7	0.0	0.0
2	24	61989.7	-42.3	-301.3	-33.4	2591.4	-364.2
	224	-51927.7	42.3	301.3	33.4	0.0	0.0
3	24	61989.7	-485.4	15.8	25.4	-135.6	-4174.0
	224	-51927.7	485.4	-15.8	-25.4	0.0	0.0
4	24	61989.7	459.3	-28.5	-46.0	245.3	3949.7
	224	-51927.7	-459.3	28.5	46.0	0.0	0.0
5	24	56855.9	3.6	157.6	2.9	-1355.6	31.1
	224	-46793.9	-3.6	-157.6	-2.9	0.0	0.0
6	24	56855.9	-70.6	-502.2	-55.7	4319.0	-607.0
	224	-46793.9	70.6	502.2	55.7	0.0	0.0
7	24	56855.9	-808.9	26.3	42.4	-225.9	-6956.7
	224	-46793.9	808.9	-26.3	-42.4	0.0	0.0
8	24	56855.9	765.5	-47.5	-76.7	408.9	6582.9
	224	-46793.9	-765.5	47.5	76.7	0.0	0.0
9	24	38864.7	-2050.7	3241.3	-874.2	-27875.5	-17636.1
	224	-31124.7	2050.7	-3241.3	874.2	0.0	0.0
10	24	38864.7	-1710.1	3802.1	-447.0	-32697.6	-14706.9
	224	-31124.8	1710.1	-3802.1	447.0	0.0	0.0
11	24	38864.7	-196.7	3132.4	-951.0	-26938.4	-1691.9
	224	-31124.8	196.7	-3132.4	951.0	0.0	0.0
12	24	38864.7	143.9	3693.1	-523.7	-31760.5	1237.3
	224	-31124.8	-143.9	-3693.1	523.7	0.0	0.0
13	24	38864.8	791.6	2969.6	1283.0	-25538.4	6808.1
	224	-31124.8	-791.6	-2969.6	-1283.0	0.0	0.0
14	24	38864.8	1132.2	3530.3	1710.3	-30360.5	9737.3
	224	-31124.8	-1132.2	-3530.3	-1710.3	0.0	0.0
15	24	38864.8	2645.6	2860.6	1206.2	-24601.2	22752.3
	224	-31124.8	-2645.6	-2860.6	-1206.2	0.0	0.0
16	24	38864.8	2986.2	3421.3	1633.5	-29423.4	25681.5
	224	-31124.8	-2986.2	-3421.3	-1633.5	0.0	0.0
17	24	38864.8	-2986.2	-3421.3	-1633.5	29423.4	-25681.5
	224	-31124.8	2986.2	3421.3	1633.5	0.0	0.0
18	24	38864.8	-2645.6	-2860.6	-1206.2	24601.2	-22752.3
	224	-31124.8	2645.6	2860.6	1206.2	0.0	0.0
19	24	38864.8	-1132.3	-3530.3	-1710.3	30360.5	-9737.4
	224	-31124.8	1132.3	3530.3	1710.3	0.0	0.0
20	24	38864.8	-791.6	-2969.6	-1283.0	25538.4	-6808.1
	224	-31124.8	791.6	2969.6	1283.0	0.0	0.0
21	24	38864.8	-143.9	-3693.1	523.7	31760.5	-1237.3
	224	-31124.8	143.9	3693.1	-523.7	0.0	0.0
22	24	38864.8	196.7	-3132.4	951.0	26938.4	1691.9
	224	-31124.8	-196.7	3132.4	-951.0	0.0	0.0
23	24	38864.8	1710.1	-3802.1	447.0	32697.6	14706.9
	224	-31124.8	-1710.1	3802.1	-447.0	0.0	0.0
24	24	38864.8	2050.7	-3241.3	874.2	27875.5	17636.1
	224	-31124.8	-2050.7	3241.3	-874.2	0.0	0.0
25	24	38864.7	-3943.7	287.2	-793.8	-2470.3	-33915.5
	224	-31124.8	3943.7	-287.2	793.8	0.0	0.0
26	24	38864.8	-3091.0	205.7	-146.7	-1769.2	-26582.2
	224	-31124.8	3091.0	-205.7	146.7	0.0	0.0
27	24	38864.8	-4224.3	-1711.6	-1021.6	14719.3	-36329.1
	224	-31124.8	4224.3	1711.6	1021.6	0.0	0.0
28	24	38864.8	-3371.6	-1793.1	-374.4	15420.5	-28995.8
	224	-31124.8	3371.6	1793.1	374.4	0.0	0.0
29	24	38864.8	-2808.3	2156.3	630.4	-18544.2	-24151.4
	224	-31124.8	2808.3	-2156.3	-630.4	0.0	0.0
30	24	38864.8	-1955.6	2074.8	1277.5	-17843.1	-16818.2

	224	-31124.8	1955.6	-2074.8	-1277.5	0.0	0.0
31	24	38864.8	-3089.0	157.5	402.6	-1354.5	-26565.1
	224	-31124.8	3089.0	-157.5	-402.6	0.0	0.0
32	24	38864.8	-2236.3	76.0	1049.7	-653.4	-19231.8
	224	-31124.8	2236.3	-76.0	-1049.7	0.0	0.0
33	24	38864.8	2236.3	-76.0	-1049.7	653.4	19231.8
	224	-31124.8	-2236.3	76.0	1049.7	0.0	0.0
34	24	38864.8	3089.0	-157.5	-402.6	1354.5	26565.1
	224	-31124.8	-3089.0	157.5	402.6	0.0	0.0
35	24	38864.8	1955.6	-2074.8	-1277.5	17843.1	16818.2
	224	-31124.8	-1955.6	2074.8	1277.5	0.0	0.0
36	24	38864.8	2808.3	-2156.3	-630.4	18544.2	24151.4
	224	-31124.8	-2808.3	2156.3	630.4	0.0	0.0
37	24	38864.8	3371.6	1793.1	374.4	-15420.5	28995.8
	224	-31124.8	-3371.6	-1793.1	-374.4	0.0	0.0
38	24	38864.8	4224.3	1711.6	1021.6	-14719.3	36329.1
	224	-31124.8	-4224.3	-1711.6	-1021.6	0.0	0.0
39	24	38864.8	3091.0	-205.7	146.7	1769.2	26582.2
	224	-31124.8	-3091.0	205.7	-146.7	0.0	0.0
40	24	38864.8	3943.7	-287.2	793.8	2470.3	33915.5
	224	-31124.8	-3943.7	287.2	-793.8	0.0	0.0
41	24	45709.8	1.4	63.1	1.1	-542.2	12.4
	224	-37969.8	-1.4	-63.1	-1.1	0.0	0.0
42	24	45709.8	-28.2	-200.9	-22.3	1727.6	-242.8
	224	-37969.8	28.2	200.9	22.3	0.0	0.0
43	24	45709.8	-323.6	10.5	16.9	-90.4	-2782.7
	224	-37969.8	323.6	-10.5	-16.9	0.0	0.0
44	24	45709.8	306.2	-19.0	-30.7	163.6	2633.2
	224	-37969.8	-306.2	19.0	30.7	0.0	0.0
45	24	42287.3	2.4	105.1	1.9	-903.7	20.7
	224	-34547.3	-2.4	-105.1	-1.9	0.0	0.0
46	24	42287.3	-47.1	-334.8	-37.1	2879.3	-404.7
	224	-34547.3	47.1	334.8	37.1	0.0	0.0
47	24	42287.3	-539.3	17.5	28.2	-150.6	-4637.8
	224	-34547.3	539.3	-17.5	-28.2	0.0	0.0
48	24	42287.3	510.3	-31.7	-51.1	272.6	4388.6
	224	-34547.3	-510.3	31.7	51.1	0.0	0.0
49	24	40233.8	-0.0	0.0	-0.0	-0.0	-0.0
	224	-32493.8	0.0	-0.0	0.0	0.0	0.0
50	24	38864.8	0.5	21.0	0.4	-180.7	4.1
	224	-31124.8	-0.5	-21.0	-0.4	0.0	0.0
51	24	38864.8	-9.4	-67.0	-7.4	575.9	-80.9
	224	-31124.8	9.4	67.0	7.4	0.0	0.0
52	24	38864.8	-107.9	3.5	5.6	-30.1	-927.6
	224	-31124.8	107.9	-3.5	-5.6	0.0	0.0
53	24	38864.8	102.1	-6.3	-10.2	54.5	877.7
	224	-31124.8	-102.1	6.3	10.2	0.0	0.0
54	24	38864.8	-0.0	0.0	-0.0	-0.0	-0.0
	224	-31124.8	0.0	-0.0	0.0	0.0	0.0
55	24	38864.7	-1692.1	2674.3	-721.4	-22999.0	-14552.1
	224	-31124.8	1692.1	-2674.3	721.4	0.0	0.0
56	24	38864.7	-1411.1	3136.9	-368.9	-26977.5	-12135.4
	224	-31124.8	1411.1	-3136.9	368.9	0.0	0.0
57	24	38864.7	-162.5	2584.4	-784.7	-22225.8	-1397.1
	224	-31124.8	162.5	-2584.4	784.7	0.0	0.0
58	24	38864.7	118.6	3047.0	-432.2	-26204.3	1019.6
	224	-31124.8	-118.6	-3047.0	432.2	0.0	0.0
59	24	38864.8	653.3	2450.1	1058.6	-21070.8	5618.0
	224	-31124.8	-653.3	-2450.1	-1058.6	0.0	0.0
60	24	38864.8	934.3	2912.7	1411.2	-25049.3	8034.6
	224	-31124.8	-934.3	-2912.7	-1411.2	0.0	0.0
61	24	38864.8	2182.9	2360.2	995.3	-20297.6	18773.0
	224	-31124.8	-2182.9	-2360.2	-995.3	0.0	0.0
62	24	38864.8	2463.9	2822.8	1347.8	-24276.2	21189.7
	224	-31124.8	-2463.9	-2822.8	-1347.8	0.0	0.0

63	24	38864.8	-2463.9	-2822.8	-1347.8	24276.2	-21189.7
	224	-31124.8	2463.9	2822.8	1347.8	0.0	0.0
64	24	38864.8	-2182.9	-2360.2	-995.3	20297.6	-18773.0
	224	-31124.8	2182.9	2360.2	995.3	0.0	0.0
65	24	38864.8	-934.3	-2912.7	-1411.2	25049.3	-8034.7
	224	-31124.8	934.3	2912.7	1411.2	0.0	0.0
66	24	38864.8	-653.3	-2450.1	-1058.6	21070.8	-5618.0
	224	-31124.8	653.3	2450.1	1058.6	0.0	0.0
67	24	38864.8	-118.6	-3047.0	432.2	26204.3	-1019.6
	224	-31124.8	118.6	3047.0	-432.2	0.0	0.0
68	24	38864.8	162.5	-2584.4	784.7	22225.8	1397.1
	224	-31124.8	-162.5	2584.4	-784.7	0.0	0.0
69	24	38864.8	1411.1	-3136.9	368.9	26977.5	12135.4
	224	-31124.8	-1411.1	3136.9	-368.9	0.0	0.0
70	24	38864.8	1692.1	-2674.3	721.4	22999.0	14552.1
	224	-31124.8	-1692.1	2674.3	-721.4	0.0	0.0
71	24	38864.7	-3253.8	237.0	-655.0	-2038.2	-27982.7
	224	-31124.8	3253.8	-237.0	655.0	0.0	0.0
72	24	38864.8	-2550.2	169.7	-121.0	-1459.7	-21931.7
	224	-31124.8	2550.2	-169.7	121.0	0.0	0.0
73	24	38864.8	-3485.3	-1412.1	-842.9	12144.4	-29974.0
	224	-31124.8	3485.3	1412.1	842.9	0.0	0.0
74	24	38864.8	-2781.7	-1479.4	-308.9	12722.8	-23923.0
	224	-31124.8	2781.7	1479.4	308.9	0.0	0.0
75	24	38864.8	-2317.1	1779.1	520.1	-15300.1	-19927.1
	224	-31124.8	2317.1	-1779.1	-520.1	0.0	0.0
76	24	38864.8	-1613.5	1711.8	1054.1	-14721.6	-13876.1
	224	-31124.8	1613.5	-1711.8	-1054.1	0.0	0.0
77	24	38864.8	-2548.6	129.9	332.1	-1117.5	-21918.4
	224	-31124.8	2548.6	-129.9	-332.1	0.0	0.0
78	24	38864.8	-1845.0	62.7	866.1	-539.1	-15867.3
	224	-31124.8	1845.0	-62.7	-866.1	0.0	0.0
79	24	38864.8	1845.0	-62.7	-866.1	539.1	15867.3
	224	-31124.8	-1845.0	62.7	866.1	0.0	0.0
80	24	38864.8	2548.6	-129.9	-332.1	1117.5	21918.4
	224	-31124.8	-2548.6	129.9	332.1	0.0	0.0
81	24	38864.8	1613.5	-1711.8	-1054.1	14721.6	13876.1
	224	-31124.8	-1613.5	1711.8	1054.1	0.0	0.0
82	24	38864.8	2317.1	-1779.1	-520.1	15300.1	19927.1
	224	-31124.8	-2317.1	1779.1	520.1	0.0	0.0
83	24	38864.8	2781.7	1479.4	308.9	-12722.8	23923.0
	224	-31124.8	-2781.7	-1479.4	-308.9	0.0	0.0
84	24	38864.8	3485.3	1412.1	842.9	-12144.4	29974.0
	224	-31124.8	-3485.3	-1412.1	-842.9	0.0	0.0
85	24	38864.8	2550.2	-169.7	121.0	1459.7	21931.7
	224	-31124.8	-2550.2	169.7	-121.0	0.0	0.0
86	24	38864.8	3253.8	-237.0	655.0	2038.2	27982.7
	224	-31124.8	-3253.8	237.0	-655.0	0.0	0.0
1	25	27824.8	-2.8	95.9	1.7	-824.8	-23.7
	225	-17762.8	2.8	-95.9	-1.7	0.0	0.0
2	25	27824.8	53.8	-327.4	-33.4	2815.7	463.0
	225	-17762.8	-53.8	327.4	33.4	0.0	0.0
3	25	27824.8	-558.5	35.6	25.4	-306.1	-4802.9
	225	-17762.8	558.5	-35.6	-25.4	0.0	0.0
4	25	27824.8	591.6	-64.4	-46.0	554.0	5088.1
	225	-17762.8	-591.6	64.4	46.0	0.0	0.0
5	25	26522.9	-4.6	159.9	2.9	-1374.7	-39.5
	225	-16460.9	4.6	-159.9	-2.9	0.0	0.0
6	25	26522.9	89.7	-545.7	-55.7	4692.8	771.7
	225	-16460.9	-89.7	545.7	55.7	0.0	0.0
7	25	26522.9	-930.8	59.3	42.4	-510.2	-8004.9
	225	-16460.9	930.8	-59.3	-42.4	0.0	0.0
8	25	26522.9	986.1	-107.4	-76.7	923.4	8480.1
	225	-16460.9	-986.1	107.4	76.7	0.0	0.0

9	25	19167.0	236.4	3506.3	-874.2	-30154.2	2032.7
	225	-11427.0	-236.4	-3506.3	874.2	0.0	0.0
10	25	19167.0	-111.6	4256.3	-447.0	-36604.2	-959.7
	225	-11427.0	111.6	-4256.3	447.0	0.0	0.0
11	25	19167.0	2257.0	3354.1	-951.0	-28845.4	19410.4
	225	-11427.0	-2257.0	-3354.1	951.0	0.0	0.0
12	25	19167.0	1909.1	4104.1	-523.7	-35295.3	16418.0
	225	-11427.0	-1909.1	-4104.1	523.7	0.0	0.0
13	25	19167.0	-3173.8	3716.5	1283.0	-31962.1	-27294.9
	225	-11427.0	3173.8	-3716.5	-1283.0	0.0	0.0
14	25	19167.0	-3521.8	4466.5	1710.3	-38412.1	-30287.4
	225	-11427.0	3521.8	-4466.5	-1710.3	0.0	0.0
15	25	19167.0	-1153.2	3564.3	1206.2	-30653.3	-9917.2
	225	-11427.0	1153.2	-3564.3	-1206.2	0.0	0.0
16	25	19167.0	-1501.1	4314.3	1633.5	-37103.2	-12909.6
	225	-11427.0	1501.1	-4314.3	-1633.5	0.0	0.0
17	25	19167.0	1501.1	-4314.3	-1633.5	37103.2	12909.6
	225	-11427.0	-1501.1	4314.3	1633.5	0.0	0.0
18	25	19167.0	1153.2	-3564.3	-1206.2	30653.3	9917.2
	225	-11427.0	-1153.2	3564.3	1206.2	0.0	0.0
19	25	19167.0	3521.8	-4466.5	-1710.3	38412.1	30287.4
	225	-11427.0	-3521.8	4466.5	1710.3	0.0	0.0
20	25	19167.0	3173.8	-3716.5	-1283.0	31962.1	27294.9
	225	-11427.0	-3173.8	3716.5	1283.0	0.0	0.0
21	25	19167.0	-1909.1	-4104.1	523.7	35295.3	-16418.0
	225	-11427.0	1909.1	4104.1	-523.7	0.0	0.0
22	25	19167.0	-2257.0	-3354.1	951.0	28845.4	-19410.4
	225	-11427.0	2257.0	3354.1	-951.0	0.0	0.0
23	25	19167.0	111.6	-4256.3	447.0	36604.2	959.7
	225	-11427.0	-111.6	4256.3	-447.0	0.0	0.0
24	25	19167.0	-236.4	-3506.3	874.2	30154.2	-2032.7
	225	-11427.0	236.4	3506.3	-874.2	0.0	0.0
25	25	19167.0	-2466.0	145.2	-793.8	-1248.9	-21207.9
	225	-11427.0	2466.0	-145.2	793.8	0.0	0.0
26	25	19167.0	-3489.1	208.3	-146.7	-1791.3	-30006.2
	225	-11427.0	3489.1	-208.3	146.7	0.0	0.0
27	25	19167.0	-2086.6	-2201.0	-1021.6	18928.3	-17944.9
	225	-11427.0	2086.6	2201.0	1021.6	0.0	0.0
28	25	19167.0	-3109.7	-2137.9	-374.4	18386.0	-26743.1
	225	-11427.0	3109.7	2137.9	374.4	0.0	0.0
29	25	19167.0	-3625.9	2645.2	630.4	-22748.8	-31182.6
	225	-11427.0	3625.9	-2645.2	-630.4	0.0	0.0
30	25	19167.0	-4648.9	2708.3	1277.5	-23291.2	-39980.9
	225	-11427.0	4648.9	-2708.3	-1277.5	0.0	0.0
31	25	19167.0	-3246.5	299.0	402.6	-2571.6	-27919.6
	225	-11427.0	3246.5	-299.0	-402.6	0.0	0.0
32	25	19167.0	-4269.5	362.1	1049.7	-3113.9	-36717.8
	225	-11427.0	4269.5	-362.1	-1049.7	0.0	0.0
33	25	19167.0	4269.5	-362.1	-1049.7	3113.9	36717.8
	225	-11427.0	-4269.5	362.1	1049.7	0.0	0.0
34	25	19167.0	3246.5	-299.0	-402.6	2571.6	27919.6
	225	-11427.0	-3246.5	299.0	402.6	0.0	0.0
35	25	19167.0	4648.9	-2708.3	-1277.5	23291.2	39980.9
	225	-11427.0	-4648.9	2708.3	1277.5	0.0	0.0
36	25	19167.0	3625.9	-2645.2	-630.4	22748.8	31182.6
	225	-11427.0	-3625.9	2645.2	630.4	0.0	0.0
37	25	19167.0	3109.7	2137.9	374.4	-18386.0	26743.2
	225	-11427.0	-3109.7	-2137.9	-374.4	0.0	0.0
38	25	19167.0	2086.6	2201.0	1021.6	-18928.3	17944.9
	225	-11427.0	-2086.6	-2201.0	-1021.6	0.0	0.0
39	25	19167.0	3489.1	-208.3	146.7	1791.3	30006.2
	225	-11427.0	-3489.1	208.3	-146.7	0.0	0.0
40	25	19167.0	2466.0	-145.2	793.8	1248.9	21207.9
	225	-11427.0	-2466.0	145.2	-793.8	0.0	0.0
41	25	20903.0	-1.8	63.9	1.1	-549.9	-15.8

	225	-13163.0	1.8	-63.9	-1.1	0.0	0.0
42	25	20903.0	35.9	-218.3	-22.3	1877.1	308.7
	225	-13163.0	-35.9	218.3	22.3	0.0	0.0
43	25	20903.0	-372.3	23.7	16.9	-204.1	-3202.0
	225	-13163.0	372.3	-23.7	-16.9	0.0	0.0
44	25	20903.0	394.4	-42.9	-30.7	369.3	3392.0
	225	-13163.0	-394.4	42.9	30.7	0.0	0.0
45	25	20035.0	-3.1	106.6	1.9	-916.5	-26.3
	225	-12295.0	3.1	-106.6	-1.9	0.0	0.0
46	25	20035.0	59.8	-363.8	-37.1	3128.5	514.4
	225	-12295.0	-59.8	363.8	37.1	0.0	0.0
47	25	20035.0	-620.5	39.5	28.2	-340.1	-5336.6
	225	-12295.0	620.5	-39.5	-28.2	0.0	0.0
48	25	20035.0	657.4	-71.6	-51.1	615.6	5653.4
	225	-12295.0	-657.4	71.6	51.1	0.0	0.0
49	25	19514.2	0.0	0.0	-0.0	-0.0	0.0
	225	-11774.2	-0.0	-0.0	0.0	0.0	0.0
50	25	19167.0	-0.6	21.3	0.4	-183.3	-5.3
	225	-11427.0	0.6	-21.3	-0.4	0.0	0.0
51	25	19167.0	12.0	-72.8	-7.4	625.7	102.9
	225	-11427.0	-12.0	72.8	7.4	0.0	0.0
52	25	19167.0	-124.1	7.9	5.6	-68.0	-1067.3
	225	-11427.0	124.1	-7.9	-5.6	0.0	0.0
53	25	19167.0	131.5	-14.3	-10.2	123.1	1130.7
	225	-11427.0	-131.5	14.3	10.2	0.0	0.0
54	25	19167.0	0.0	0.0	-0.0	-0.0	0.0
	225	-11427.0	-0.0	-0.0	0.0	0.0	0.0
55	25	19167.0	195.2	2892.9	-721.4	-24878.9	1678.5
	225	-11427.0	-195.2	-2892.9	721.4	0.0	0.0
56	25	19167.0	-91.9	3511.7	-368.9	-30200.6	-790.3
	225	-11427.0	91.9	-3511.7	368.9	0.0	0.0
57	25	19167.0	1862.4	2767.3	-784.7	-23799.1	16016.4
	225	-11427.0	-1862.4	-2767.3	784.7	0.0	0.0
58	25	19167.0	1575.3	3386.1	-432.2	-29120.7	13547.7
	225	-11427.0	-1575.3	-3386.1	432.2	0.0	0.0
59	25	19167.0	-2618.7	3066.3	1058.6	-26370.5	-22521.2
	225	-11427.0	2618.7	-3066.3	-1058.6	0.0	0.0
60	25	19167.0	-2905.8	3685.1	1411.2	-31692.2	-24989.9
	225	-11427.0	2905.8	-3685.1	-1411.2	0.0	0.0
61	25	19167.0	-951.5	2940.8	995.3	-25290.7	-8183.3
	225	-11427.0	951.5	-2940.8	-995.3	0.0	0.0
62	25	19167.0	-1238.6	3559.6	1347.8	-30612.3	-10652.0
	225	-11427.0	1238.6	-3559.6	-1347.8	0.0	0.0
63	25	19167.0	1238.6	-3559.6	-1347.8	30612.3	10652.0
	225	-11427.0	-1238.6	3559.6	1347.8	0.0	0.0
64	25	19167.0	951.5	-2940.8	-995.3	25290.7	8183.2
	225	-11427.0	-951.5	2940.8	995.3	0.0	0.0
65	25	19167.0	2905.8	-3685.1	-1411.2	31692.2	24989.9
	225	-11427.0	-2905.8	3685.1	1411.2	0.0	0.0
66	25	19167.0	2618.7	-3066.3	-1058.6	26370.6	22521.2
	225	-11427.0	-2618.7	3066.3	1058.6	0.0	0.0
67	25	19167.0	-1575.3	-3386.1	432.2	29120.7	-13547.7
	225	-11427.0	1575.3	3386.1	-432.2	0.0	0.0
68	25	19167.0	-1862.4	-2767.3	784.7	23799.1	-16016.4
	225	-11427.0	1862.4	2767.3	-784.7	0.0	0.0
69	25	19167.0	91.9	-3511.7	368.9	30200.6	790.3
	225	-11427.0	-91.9	3511.7	-368.9	0.0	0.0
70	25	19167.0	-195.2	-2892.9	721.4	24878.9	-1678.5
	225	-11427.0	195.2	2892.9	-721.4	0.0	0.0
71	25	19167.0	-2034.6	119.8	-655.0	-1030.3	-17498.0
	225	-11427.0	2034.6	-119.8	655.0	0.0	0.0
72	25	19167.0	-2878.8	171.8	-121.0	-1477.8	-24757.9
	225	-11427.0	2878.8	-171.8	121.0	0.0	0.0
73	25	19167.0	-1721.6	-1815.9	-842.9	15617.1	-14805.9
	225	-11427.0	1721.6	1815.9	842.9	0.0	0.0

74	25	19167.0	-2565.8	-1763.9	-308.9	15169.6	-22065.8
	225	-11427.0	2565.8	1763.9	308.9	0.0	0.0
75	25	19167.0	-2991.5	2182.4	520.1	-18769.1	-25727.2
	225	-11427.0	2991.5	-2182.4	-520.1	0.0	0.0
76	25	19167.0	-3835.7	2234.5	1054.1	-19216.5	-32987.1
	225	-11427.0	3835.7	-2234.5	-1054.1	0.0	0.0
77	25	19167.0	-2678.5	246.7	332.1	-2121.7	-23035.2
	225	-11427.0	2678.5	-246.7	-332.1	0.0	0.0
78	25	19167.0	-3522.7	298.7	866.1	-2569.2	-30295.1
	225	-11427.0	3522.7	-298.7	-866.1	0.0	0.0
79	25	19167.0	3522.7	-298.7	-866.1	2569.2	30295.1
	225	-11427.0	-3522.7	298.7	866.1	0.0	0.0
80	25	19167.0	2678.5	-246.7	-332.1	2121.7	23035.2
	225	-11427.0	-2678.5	246.7	332.1	0.0	0.0
81	25	19167.0	3835.7	-2234.5	-1054.1	19216.6	32987.1
	225	-11427.0	-3835.7	2234.5	1054.1	0.0	0.0
82	25	19167.0	2991.5	-2182.4	-520.1	18769.1	25727.2
	225	-11427.0	-2991.5	2182.4	520.1	0.0	0.0
83	25	19167.0	2565.8	1763.9	308.9	-15169.6	22065.8
	225	-11427.0	-2565.8	-1763.9	-308.9	0.0	0.0
84	25	19167.0	1721.6	1815.9	842.9	-15617.0	14805.9
	225	-11427.0	-1721.6	-1815.9	-842.9	0.0	0.0
85	25	19167.0	2878.8	-171.8	121.0	1477.8	24757.9
	225	-11427.0	-2878.8	171.8	-121.0	0.0	0.0
86	25	19167.0	2034.6	-119.8	655.0	1030.3	17498.0
	225	-11427.0	-2034.6	119.8	-655.0	0.0	0.0
1	26	70127.8	-1.8	95.9	1.7	-824.8	-15.2
	226	-60065.8	1.8	-95.9	-1.7	0.0	0.0
2	26	70127.8	34.6	-327.4	-33.4	2815.7	297.6
	226	-60065.8	-34.6	327.4	33.4	0.0	0.0
3	26	70127.8	-543.9	35.6	25.4	-306.1	-4677.2
	226	-60065.8	543.9	-35.6	-25.4	0.0	0.0
4	26	70127.8	565.2	-64.4	-46.0	554.0	4860.4
	226	-60065.8	-565.2	64.4	46.0	0.0	0.0
5	26	63983.6	-3.0	159.9	2.9	-1374.7	-25.4
	226	-53921.6	3.0	-159.9	-2.9	0.0	0.0
6	26	63983.6	57.7	-545.7	-55.7	4692.8	495.9
	226	-53921.6	-57.7	545.7	55.7	0.0	0.0
7	26	63983.6	-906.4	59.3	42.4	-510.2	-7795.3
	226	-53921.6	906.4	-59.3	-42.4	0.0	0.0
8	26	63983.6	941.9	-107.4	-76.7	923.4	8100.7
	226	-53921.6	-941.9	107.4	76.7	0.0	0.0
9	26	43389.1	-196.8	3506.3	-874.2	-30154.2	-1692.8
	226	-35649.1	196.8	-3506.3	874.2	0.0	0.0
10	26	43389.1	-398.7	4256.3	-447.0	-36604.2	-3429.2
	226	-35649.1	398.7	-4256.3	447.0	0.0	0.0
11	26	43389.1	1748.3	3354.1	-951.0	-28845.4	15035.6
	226	-35649.1	-1748.3	-3354.1	951.0	0.0	0.0
12	26	43389.1	1546.4	4104.1	-523.7	-35295.3	13299.2
	226	-35649.1	-1546.4	-4104.1	523.7	0.0	0.0
13	26	43389.1	-2377.7	3716.5	1283.0	-31962.1	-20448.3
	226	-35649.1	2377.7	-3716.5	-1283.0	0.0	0.0
14	26	43389.1	-2579.6	4466.5	1710.3	-38412.1	-22184.7
	226	-35649.1	2579.6	-4466.5	-1710.3	0.0	0.0
15	26	43389.1	-432.6	3564.3	1206.2	-30653.3	-3720.0
	226	-35649.1	432.6	-3564.3	-1206.2	0.0	0.0
16	26	43389.1	-634.5	4314.3	1633.5	-37103.2	-5456.4
	226	-35649.1	634.5	-4314.3	-1633.5	0.0	0.0
17	26	43389.1	634.5	-4314.3	-1633.5	37103.2	5456.4
	226	-35649.1	-634.5	4314.3	1633.5	0.0	0.0
18	26	43389.1	432.6	-3564.3	-1206.2	30653.3	3720.0
	226	-35649.1	-432.6	3564.3	1206.2	0.0	0.0
19	26	43389.1	2579.6	-4466.5	-1710.3	38412.1	22184.7
	226	-35649.1	-2579.6	4466.5	1710.3	0.0	0.0

20	26	43389.1	2377.7	-3716.5	-1283.0	31962.1	20448.3
	226	-35649.1	-2377.7	3716.5	1283.0	0.0	0.0
21	26	43389.1	-1546.4	4104.1	523.7	35295.3	-13299.2
	226	-35649.1	1546.4	4104.1	-523.7	0.0	0.0
22	26	43389.1	-1748.3	3354.1	951.0	28845.4	-15035.6
	226	-35649.1	1748.3	3354.1	-951.0	0.0	0.0
23	26	43389.1	398.7	-4256.3	447.0	36604.2	3429.2
	226	-35649.1	-398.7	4256.3	-447.0	0.0	0.0
24	26	43389.1	196.8	-3506.3	874.2	30154.2	1692.8
	226	-35649.1	-196.8	3506.3	-874.2	0.0	0.0
25	26	43389.1	-2703.0	145.2	-793.8	-1248.9	-23245.7
	226	-35649.1	2703.0	-145.2	793.8	0.0	0.0
26	26	43389.1	-3357.2	208.3	-146.7	-1791.3	-28872.3
	226	-35649.1	3357.2	-208.3	146.7	0.0	0.0
27	26	43389.1	-2453.6	-2201.0	-1021.6	18928.3	-21100.9
	226	-35649.1	2453.6	2201.0	1021.6	0.0	0.0
28	26	43389.1	-3107.9	-2137.9	-374.4	18386.0	-26727.6
	226	-35649.1	3107.9	2137.9	374.4	0.0	0.0
29	26	43389.1	-3376.0	2645.2	630.4	-22748.8	-29033.7
	226	-35649.1	3376.0	-2645.2	-630.4	0.0	0.0
30	26	43389.1	-4030.3	2708.3	1277.5	-23291.2	-34660.3
	226	-35649.1	4030.3	-2708.3	-1277.5	0.0	0.0
31	26	43389.1	-3126.6	299.0	402.6	-2571.6	-26888.9
	226	-35649.1	3126.6	-299.0	-402.6	0.0	0.0
32	26	43389.1	-3780.9	362.1	1049.7	-3113.9	-32515.6
	226	-35649.1	3780.9	-362.1	-1049.7	0.0	0.0
33	26	43389.1	3780.9	-362.1	-1049.7	3113.9	32515.6
	226	-35649.1	-3780.9	362.1	1049.7	0.0	0.0
34	26	43389.1	3126.6	-299.0	-402.6	2571.6	26888.9
	226	-35649.1	-3126.6	299.0	402.6	0.0	0.0
35	26	43389.1	4030.3	-2708.3	-1277.5	23291.2	34660.3
	226	-35649.1	-4030.3	2708.3	1277.5	0.0	0.0
36	26	43389.1	3376.0	-2645.2	-630.4	22748.8	29033.7
	226	-35649.1	-3376.0	2645.2	630.4	0.0	0.0
37	26	43389.1	3107.9	2137.9	374.4	-18386.0	26727.6
	226	-35649.1	-3107.9	-2137.9	-374.4	0.0	0.0
38	26	43389.1	2453.6	2201.0	1021.6	-18928.3	21100.9
	226	-35649.1	-2453.6	-2201.0	-1021.6	0.0	0.0
39	26	43389.1	3357.2	-208.3	146.7	1791.3	28872.3
	226	-35649.1	-3357.2	208.3	-146.7	0.0	0.0
40	26	43389.1	2703.0	-145.2	793.8	1248.9	23245.7
	226	-35649.1	-2703.0	145.2	-793.8	0.0	0.0
41	26	51581.3	-1.2	63.9	1.1	-549.9	-10.1
	226	-43841.3	1.2	-63.9	-1.1	0.0	0.0
42	26	51581.3	23.1	-218.3	-22.3	1877.1	198.4
	226	-43841.3	-23.1	218.3	22.3	0.0	0.0
43	26	51581.3	-362.6	23.7	16.9	-204.1	-3118.1
	226	-43841.3	362.6	-23.7	-16.9	0.0	0.0
44	26	51581.3	376.8	-42.9	-30.7	369.3	3240.3
	226	-43841.3	-376.8	42.9	30.7	0.0	0.0
45	26	47485.2	-2.0	106.6	1.9	-916.5	-16.9
	226	-39745.2	2.0	-106.6	-1.9	0.0	0.0
46	26	47485.2	38.4	-363.8	-37.1	3128.5	330.6
	226	-39745.2	-38.4	363.8	37.1	0.0	0.0
47	26	47485.2	-604.3	39.5	28.2	-340.1	-5196.8
	226	-39745.2	604.3	-39.5	-28.2	0.0	0.0
48	26	47485.2	628.0	-71.6	-51.1	615.6	5400.4
	226	-39745.2	-628.0	71.6	51.1	0.0	0.0
49	26	45027.5	0.0	0.0	-0.0	-0.0	0.0
	226	-37287.5	-0.0	-0.0	0.0	0.0	0.0
50	26	43389.1	-0.4	21.3	0.4	-183.3	-3.4
	226	-35649.1	0.4	-21.3	-0.4	0.0	0.0
51	26	43389.1	7.7	-72.8	-7.4	625.7	66.1
	226	-35649.1	-7.7	72.8	7.4	0.0	0.0
52	26	43389.1	-120.9	7.9	5.6	-68.0	-1039.4

	226	-35649.1	120.9	-7.9	-5.6	0.0	0.0
53	26	43389.1	125.6	-14.3	-10.2	123.1	1080.1
	226	-35649.1	-125.6	14.3	10.2	0.0	0.0
54	26	43389.1	0.0	0.0	-0.0	-0.0	0.0
	226	-35649.1	-0.0	-0.0	0.0	0.0	0.0
55	26	43389.1	-162.3	2892.9	-721.4	-24878.9	-1395.8
	226	-35649.1	162.3	-2892.9	721.4	0.0	0.0
56	26	43389.1	-328.9	3511.7	-368.9	-30200.6	-2828.3
	226	-35649.1	328.9	-3511.7	368.9	0.0	0.0
57	26	43389.1	1442.6	2767.3	-784.7	-23799.1	12406.3
	226	-35649.1	-1442.6	-2767.3	784.7	0.0	0.0
58	26	43389.1	1276.0	3386.1	-432.2	-29120.7	10973.8
	226	-35649.1	-1276.0	-3386.1	432.2	0.0	0.0
59	26	43389.1	-1961.8	3066.3	1058.6	-26370.5	-16871.9
	226	-35649.1	1961.8	-3066.3	-1058.6	0.0	0.0
60	26	43389.1	-2128.4	3685.1	1411.2	-31692.2	-18304.4
	226	-35649.1	2128.4	-3685.1	-1411.2	0.0	0.0
61	26	43389.1	-357.0	2940.8	995.3	-25290.7	-3069.8
	226	-35649.1	357.0	-2940.8	-995.3	0.0	0.0
62	26	43389.1	-523.5	3559.6	1347.8	-30612.3	-4502.3
	226	-35649.1	523.5	-3559.6	-1347.8	0.0	0.0
63	26	43389.1	523.5	-3559.6	-1347.8	30612.3	4502.3
	226	-35649.1	-523.5	3559.6	1347.8	0.0	0.0
64	26	43389.1	356.9	-2940.8	-995.3	25290.7	3069.8
	226	-35649.1	-356.9	2940.8	995.3	0.0	0.0
65	26	43389.1	2128.4	-3685.1	-1411.2	31692.2	18304.4
	226	-35649.1	-2128.4	3685.1	1411.2	0.0	0.0
66	26	43389.1	1961.8	-3066.3	-1058.6	26370.6	16871.9
	226	-35649.1	-1961.8	3066.3	1058.6	0.0	0.0
67	26	43389.1	-1276.0	-3386.1	432.2	29120.7	-10973.8
	226	-35649.1	1276.0	3386.1	-432.2	0.0	0.0
68	26	43389.1	-1442.6	-2767.3	784.7	23799.1	-12406.3
	226	-35649.1	1442.6	2767.3	-784.7	0.0	0.0
69	26	43389.1	328.9	-3511.7	368.9	30200.6	2828.3
	226	-35649.1	-328.9	3511.7	-368.9	0.0	0.0
70	26	43389.1	162.3	-2892.9	721.4	24878.9	1395.8
	226	-35649.1	-162.3	2892.9	-721.4	0.0	0.0
71	26	43389.1	-2230.1	119.8	-655.0	-1030.3	-19179.2
	226	-35649.1	2230.1	-119.8	655.0	0.0	0.0
72	26	43389.1	-2770.0	171.8	-121.0	-1477.8	-23822.1
	226	-35649.1	2770.0	-171.8	121.0	0.0	0.0
73	26	43389.1	-2024.4	-1815.9	-842.9	15617.1	-17409.8
	226	-35649.1	2024.4	1815.9	842.9	0.0	0.0
74	26	43389.1	-2564.3	-1763.9	-308.9	15169.6	-22052.6
	226	-35649.1	2564.3	1763.9	308.9	0.0	0.0
75	26	43389.1	-2785.4	2182.4	520.1	-18769.1	-23954.4
	226	-35649.1	2785.4	-2182.4	-520.1	0.0	0.0
76	26	43389.1	-3325.3	2234.5	1054.1	-19216.5	-28597.2
	226	-35649.1	3325.3	-2234.5	-1054.1	0.0	0.0
77	26	43389.1	-2579.6	246.7	332.1	-2121.7	-22185.0
	226	-35649.1	2579.6	-246.7	-332.1	0.0	0.0
78	26	43389.1	-3119.5	298.7	866.1	-2569.2	-26827.8
	226	-35649.1	3119.5	-298.7	-866.1	0.0	0.0
79	26	43389.1	3119.5	-298.7	-866.1	2569.2	26827.8
	226	-35649.1	-3119.5	298.7	866.1	0.0	0.0
80	26	43389.1	2579.6	-246.7	-332.1	2121.7	22185.0
	226	-35649.1	-2579.6	246.7	332.1	0.0	0.0
81	26	43389.1	3325.3	-2234.5	-1054.1	19216.6	28597.2
	226	-35649.1	-3325.3	2234.5	1054.1	0.0	0.0
82	26	43389.1	2785.4	-2182.4	-520.1	18769.1	23954.4
	226	-35649.1	-2785.4	2182.4	520.1	0.0	0.0
83	26	43389.1	2564.3	1763.9	308.9	-15169.6	22052.6
	226	-35649.1	-2564.3	-1763.9	-308.9	0.0	0.0
84	26	43389.1	2024.4	1815.9	842.9	-15617.0	17409.8
	226	-35649.1	-2024.4	-1815.9	-842.9	0.0	0.0

85	26	43389.1	2770.0	-171.8	121.0	1477.8	23822.1
	226	-35649.1	-2770.0	171.8	-121.0	0.0	0.0
86	26	43389.1	2230.1	-119.8	655.0	1030.3	19179.2
	226	-35649.1	-2230.1	119.8	-655.0	0.0	0.0
1	27	60592.6	-0.8	95.9	1.7	-824.8	-6.8
	227	-50530.6	0.8	-95.9	-1.7	0.0	0.0
2	27	60592.6	15.4	-327.4	-33.4	2815.7	132.1
	227	-50530.6	-15.4	327.4	33.4	0.0	0.0
3	27	60592.6	-529.2	35.6	25.4	-306.1	-4551.4
	227	-50530.6	529.2	-35.6	-25.4	0.0	0.0
4	27	60592.6	538.7	-64.4	-46.0	554.0	4632.7
	227	-50530.6	-538.7	64.4	46.0	0.0	0.0
5	27	55232.8	-1.3	159.9	2.9	-1374.7	-11.3
	227	-45170.8	1.3	-159.9	-2.9	0.0	0.0
6	27	55232.8	25.6	-545.7	-55.7	4692.8	220.2
	227	-45170.8	-25.6	545.7	55.7	0.0	0.0
7	27	55232.8	-882.0	59.3	42.4	-510.2	-7585.6
	227	-45170.8	882.0	-59.3	-42.4	0.0	0.0
8	27	55232.8	897.8	-107.4	-76.7	923.4	7721.2
	227	-45170.8	-897.8	107.4	76.7	0.0	0.0
9	27	37401.8	-627.8	3506.3	-874.2	-30154.2	-5398.7
	227	-29661.8	627.8	-3506.3	874.2	0.0	0.0
10	27	37401.8	-682.9	4256.3	-447.0	-36604.2	-5872.8
	227	-29661.8	682.9	-4256.3	447.0	0.0	0.0
11	27	37401.8	1260.7	3354.1	-951.0	-28845.4	10842.3
	227	-29661.8	-1260.7	-3354.1	951.0	0.0	0.0
12	27	37401.8	1205.6	4104.1	-523.7	-35295.3	10368.2
	227	-29661.8	-1205.6	-4104.1	523.7	0.0	0.0
13	27	37401.8	-1610.2	3716.5	1283.0	-31962.1	-13847.9
	227	-29661.8	1610.2	-3716.5	-1283.0	0.0	0.0
14	27	37401.8	-1665.3	4466.5	1710.3	-38412.1	-14321.9
	227	-29661.8	1665.3	-4466.5	-1710.3	0.0	0.0
15	27	37401.8	278.3	3564.3	1206.2	-30653.3	2393.2
	227	-29661.8	-278.3	-3564.3	-1206.2	0.0	0.0
16	27	37401.8	223.2	4314.3	1633.5	-37103.2	1919.1
	227	-29661.8	-223.2	-4314.3	-1633.5	0.0	0.0
17	27	37401.8	-223.2	-4314.3	-1633.5	37103.2	-1919.1
	227	-29661.8	223.2	4314.3	1633.5	0.0	0.0
18	27	37401.8	-278.3	-3564.3	-1206.2	30653.3	-2393.2
	227	-29661.8	278.3	3564.3	1206.2	0.0	0.0
19	27	37401.8	1665.3	-4466.5	-1710.3	38412.1	14321.9
	227	-29661.8	-1665.3	4466.5	1710.3	0.0	0.0
20	27	37401.8	1610.2	-3716.5	-1283.0	31962.1	13847.8
	227	-29661.8	-1610.2	3716.5	1283.0	0.0	0.0
21	27	37401.8	-1205.6	-4104.1	523.7	35295.3	-10368.2
	227	-29661.8	1205.6	4104.1	-523.7	0.0	0.0
22	27	37401.8	-1260.7	-3354.1	951.0	28845.4	-10842.3
	227	-29661.8	1260.7	3354.1	-951.0	0.0	0.0
23	27	37401.8	682.9	-4256.3	447.0	36604.2	5872.8
	227	-29661.8	-682.9	4256.3	-447.0	0.0	0.0
24	27	37401.8	627.8	-3506.3	874.2	30154.2	5398.7
	227	-29661.8	-627.8	3506.3	-874.2	0.0	0.0
25	27	37401.8	-2968.9	145.2	-793.8	-1248.9	-25532.8
	227	-29661.8	2968.9	-145.2	793.8	0.0	0.0
26	27	37401.8	-3263.7	208.3	-146.7	-1791.3	-28067.6
	227	-29661.8	3263.7	-208.3	146.7	0.0	0.0
27	27	37401.8	-2847.5	-2201.0	-1021.6	18928.3	-24488.9
	227	-29661.8	2847.5	2201.0	1021.6	0.0	0.0
28	27	37401.8	-3142.3	-2137.9	-374.4	18386.0	-27023.7
	227	-29661.8	3142.3	2137.9	374.4	0.0	0.0
29	27	37401.8	-3152.7	2645.2	630.4	-22748.8	-27113.1
	227	-29661.8	3152.7	-2645.2	-630.4	0.0	0.0
30	27	37401.8	-3447.4	2708.3	1277.5	-23291.2	-29647.8
	227	-29661.8	3447.4	-2708.3	-1277.5	0.0	0.0

31	27	37401.8	-3031.3	299.0	402.6	-2571.6	-26069.2
	227	-29661.8	3031.3	-299.0	-402.6	0.0	0.0
32	27	37401.8	-3326.0	362.1	1049.7	-3113.9	-28603.9
	227	-29661.8	3326.0	-362.1	-1049.7	0.0	0.0
33	27	37401.8	3326.0	-362.1	-1049.7	3113.9	28603.9
	227	-29661.8	-3326.0	362.1	1049.7	0.0	0.0
34	27	37401.8	3031.3	-299.0	-402.6	2571.6	26069.2
	227	-29661.8	-3031.3	299.0	402.6	0.0	0.0
35	27	37401.8	3447.4	-2708.3	-1277.5	23291.2	29647.8
	227	-29661.8	-3447.4	2708.3	1277.5	0.0	0.0
36	27	37401.8	3152.7	-2645.2	-630.4	22748.8	27113.1
	227	-29661.8	-3152.7	2645.2	630.4	0.0	0.0
37	27	37401.8	3142.3	2137.9	374.4	-18386.0	27023.7
	227	-29661.8	-3142.3	-2137.9	-374.4	0.0	0.0
38	27	37401.8	2847.5	2201.0	1021.6	-18928.3	24488.9
	227	-29661.8	-2847.5	-2201.0	-1021.6	0.0	0.0
39	27	37401.8	3263.7	-208.3	146.7	1791.3	28067.6
	227	-29661.8	-3263.7	208.3	-146.7	0.0	0.0
40	27	37401.8	2968.9	-145.2	793.8	1248.9	25532.8
	227	-29661.8	-2968.9	145.2	-793.8	0.0	0.0
41	27	44548.2	-0.5	63.9	1.1	-549.9	-4.5
	227	-36808.2	0.5	-63.9	-1.1	0.0	0.0
42	27	44548.2	10.2	-218.3	-22.3	1877.1	88.1
	227	-36808.2	-10.2	218.3	22.3	0.0	0.0
43	27	44548.2	-352.8	23.7	16.9	-204.1	-3034.3
	227	-36808.2	352.8	-23.7	-16.9	0.0	0.0
44	27	44548.2	359.1	-42.9	-30.7	369.3	3088.5
	227	-36808.2	-359.1	42.9	30.7	0.0	0.0
45	27	40975.0	-0.9	106.6	1.9	-916.5	-7.5
	227	-33235.0	0.9	-106.6	-1.9	0.0	0.0
46	27	40975.0	17.1	-363.8	-37.1	3128.5	146.8
	227	-33235.0	-17.1	363.8	37.1	0.0	0.0
47	27	40975.0	-588.0	39.5	28.2	-340.1	-5057.1
	227	-33235.0	588.0	-39.5	-28.2	0.0	0.0
48	27	40975.0	598.5	-71.6	-51.1	615.6	5147.5
	227	-33235.0	-598.5	71.6	51.1	0.0	0.0
49	27	38831.1	0.0	0.0	-0.0	-0.0	0.0
	227	-31091.1	-0.0	-0.0	0.0	0.0	0.0
50	27	37401.8	-0.2	21.3	0.4	-183.3	-1.5
	227	-29661.8	0.2	-21.3	-0.4	0.0	0.0
51	27	37401.8	3.4	-72.8	-7.4	625.7	29.4
	227	-29661.8	-3.4	72.8	7.4	0.0	0.0
52	27	37401.8	-117.6	7.9	5.6	-68.0	-1011.4
	227	-29661.8	117.6	-7.9	-5.6	0.0	0.0
53	27	37401.8	119.7	-14.3	-10.2	123.1	1029.5
	227	-29661.8	-119.7	14.3	10.2	0.0	0.0
54	27	37401.8	0.0	0.0	-0.0	-0.0	0.0
	227	-29661.8	-0.0	-0.0	0.0	0.0	0.0
55	27	37401.8	-517.9	2892.9	-721.4	-24878.9	-4453.9
	227	-29661.8	517.9	-2892.9	721.4	0.0	0.0
56	27	37401.8	-563.4	3511.7	-368.9	-30200.6	-4845.0
	227	-29661.8	563.4	-3511.7	368.9	0.0	0.0
57	27	37401.8	1040.2	2767.3	-784.7	-23799.1	8946.1
	227	-29661.8	-1040.2	-2767.3	784.7	0.0	0.0
58	27	37401.8	994.8	3386.1	-432.2	-29120.7	8555.0
	227	-29661.8	-994.8	-3386.1	432.2	0.0	0.0
59	27	37401.8	-1328.6	3066.3	1058.6	-26370.5	-11425.7
	227	-29661.8	1328.6	-3066.3	-1058.6	0.0	0.0
60	27	37401.8	-1374.0	3685.1	1411.2	-31692.2	-11816.8
	227	-29661.8	1374.0	-3685.1	-1411.2	0.0	0.0
61	27	37401.8	229.6	2940.8	995.3	-25290.7	1974.3
	227	-29661.8	-229.6	-2940.8	-995.3	0.0	0.0
62	27	37401.8	184.1	3559.6	1347.8	-30612.3	1583.2
	227	-29661.8	-184.1	-3559.6	-1347.8	0.0	0.0
63	27	37401.8	-184.1	-3559.6	-1347.8	30612.3	-1583.2

	227	-29661.8	184.1	3559.6	1347.8	0.0	0.0
64	27	37401.8	-229.6	-2940.8	-995.3	25290.7	-1974.3
	227	-29661.8	229.6	2940.8	995.3	0.0	0.0
65	27	37401.8	1374.0	-3685.1	-1411.2	31692.2	11816.8
	227	-29661.8	-1374.0	3685.1	1411.2	0.0	0.0
66	27	37401.8	1328.6	-3066.3	-1058.6	26370.6	11425.7
	227	-29661.8	-1328.6	3066.3	1058.6	0.0	0.0
67	27	37401.8	-994.8	-3386.1	432.2	29120.7	-8555.0
	227	-29661.8	994.8	3386.1	-432.2	0.0	0.0
68	27	37401.8	-1040.2	-2767.3	784.7	23799.1	-8946.1
	227	-29661.8	1040.2	2767.3	-784.7	0.0	0.0
69	27	37401.8	563.4	-3511.7	368.9	30200.6	4845.0
	227	-29661.8	-563.4	3511.7	-368.9	0.0	0.0
70	27	37401.8	517.9	-2892.9	721.4	24878.9	4453.9
	227	-29661.8	-517.9	2892.9	-721.4	0.0	0.0
71	27	37401.8	-2449.6	119.8	-655.0	-1030.3	-21066.3
	227	-29661.8	2449.6	-119.8	655.0	0.0	0.0
72	27	37401.8	-2692.8	171.8	-121.0	-1477.8	-23157.8
	227	-29661.8	2692.8	-171.8	121.0	0.0	0.0
73	27	37401.8	-2349.4	-1815.9	-842.9	15617.1	-20205.1
	227	-29661.8	2349.4	1815.9	842.9	0.0	0.0
74	27	37401.8	-2592.6	-1763.9	-308.9	15169.6	-22296.6
	227	-29661.8	2592.6	1763.9	308.9	0.0	0.0
75	27	37401.8	-2601.2	2182.4	520.1	-18769.1	-22370.0
	227	-29661.8	2601.2	-2182.4	-520.1	0.0	0.0
76	27	37401.8	-2844.4	2234.5	1054.1	-19216.5	-24461.6
	227	-29661.8	2844.4	-2234.5	-1054.1	0.0	0.0
77	27	37401.8	-2501.0	246.7	332.1	-2121.7	-21508.8
	227	-29661.8	2501.0	-246.7	-332.1	0.0	0.0
78	27	37401.8	-2744.2	298.7	866.1	-2569.2	-23600.3
	227	-29661.8	2744.2	-298.7	-866.1	0.0	0.0
79	27	37401.8	2744.2	-298.7	-866.1	2569.2	23600.3
	227	-29661.8	-2744.2	298.7	866.1	0.0	0.0
80	27	37401.8	2501.0	-246.7	-332.1	2121.7	21508.8
	227	-29661.8	-2501.0	246.7	332.1	0.0	0.0
81	27	37401.8	2844.4	-2234.5	-1054.1	19216.6	24461.6
	227	-29661.8	-2844.4	2234.5	1054.1	0.0	0.0
82	27	37401.8	2601.2	-2182.4	-520.1	18769.1	22370.0
	227	-29661.8	-2601.2	2182.4	520.1	0.0	0.0
83	27	37401.8	2592.6	1763.9	308.9	-15169.6	22296.6
	227	-29661.8	-2592.6	-1763.9	-308.9	0.0	0.0
84	27	37401.8	2349.4	1815.9	842.9	-15617.0	20205.1
	227	-29661.8	-2349.4	-1815.9	-842.9	0.0	0.0
85	27	37401.8	2692.8	-171.8	121.0	1477.8	23157.8
	227	-29661.8	-2692.8	171.8	-121.0	0.0	0.0
86	27	37401.8	2449.6	-119.8	655.0	1030.3	21066.3
	227	-29661.8	-2449.6	119.8	-655.0	0.0	0.0
1	28	64594.0	0.2	95.9	1.7	-824.8	1.7
	228	-54532.0	-0.2	-95.9	-1.7	0.0	0.0
2	28	64594.0	-3.9	-327.4	-33.4	2815.7	-33.3
	228	-54532.0	3.9	327.4	33.4	0.0	0.0
3	28	64594.0	-514.6	35.6	25.4	-306.1	-4425.6
	228	-54532.0	514.6	-35.6	-25.4	0.0	0.0
4	28	64594.0	512.2	-64.4	-46.0	554.0	4405.1
	228	-54532.0	-512.2	64.4	46.0	0.0	0.0
5	28	58889.1	0.3	159.9	2.9	-1374.7	2.8
	228	-48827.1	-0.3	-159.9	-2.9	0.0	0.0
6	28	58889.1	-6.5	-545.7	-55.7	4692.8	-55.5
	228	-48827.1	6.5	545.7	55.7	0.0	0.0
7	28	58889.1	-857.7	59.3	42.4	-510.2	-7376.0
	228	-48827.1	857.7	-59.3	-42.4	0.0	0.0
8	28	58889.1	853.7	-107.4	-76.7	923.4	7341.8
	228	-48827.1	-853.7	107.4	76.7	0.0	0.0
9	28	39886.9	-1157.6	3506.3	-874.2	-30154.2	-9955.5

	228	-32146.9	1157.6	-3506.3	874.2	0.0	0.0
10	28	39886.9	-1069.7	4256.3	-447.0	-36604.2	-9199.6
	228	-32146.9	1069.7	-4256.3	447.0	0.0	0.0
11	28	39886.9	694.8	3354.1	-951.0	-28845.4	5975.5
	228	-32146.9	-694.8	-3354.1	951.0	0.0	0.0
12	28	39886.9	782.7	4104.1	-523.7	-35295.3	6731.3
	228	-32146.9	-782.7	-4104.1	523.7	0.0	0.0
13	28	39886.9	-651.0	3716.5	1283.0	-31962.1	-5598.9
	228	-32146.9	651.0	-3716.5	-1283.0	0.0	0.0
14	28	39886.9	-563.1	4466.5	1710.3	-38412.1	-4843.0
	228	-32146.9	563.1	-4466.5	-1710.3	0.0	0.0
15	28	39886.9	1201.4	3564.3	1206.2	-30653.3	10332.1
	228	-32146.9	-1201.4	-3564.3	-1206.2	0.0	0.0
16	28	39886.9	1289.3	4314.3	1633.5	-37103.2	11087.9
	228	-32146.9	-1289.3	-4314.3	-1633.5	0.0	0.0
17	28	39886.9	-1289.3	-4314.3	-1633.5	37103.2	-11087.9
	228	-32146.9	1289.3	4314.3	1633.5	0.0	0.0
18	28	39886.9	-1201.4	-3564.3	-1206.2	30653.3	-10332.1
	228	-32146.9	1201.4	3564.3	1206.2	0.0	0.0
19	28	39886.9	563.1	-4466.5	-1710.3	38412.1	4843.0
	228	-32146.9	-563.1	4466.5	1710.3	0.0	0.0
20	28	39886.9	651.0	-3716.5	-1283.0	31962.1	5598.9
	228	-32146.9	-651.0	3716.5	1283.0	0.0	0.0
21	28	39886.9	-782.7	-4104.1	523.7	35295.3	-6731.3
	228	-32146.9	782.7	4104.1	-523.7	0.0	0.0
22	28	39886.9	-694.8	-3354.1	951.0	28845.4	-5975.5
	228	-32146.9	694.8	3354.1	-951.0	0.0	0.0
23	28	39886.9	1069.7	-4256.3	447.0	36604.2	9199.6
	228	-32146.9	-1069.7	4256.3	-447.0	0.0	0.0
24	28	39886.9	1157.6	-3506.3	874.2	30154.2	9955.5
	228	-32146.9	-1157.6	3506.3	-874.2	0.0	0.0
25	28	39886.9	-3290.1	145.2	-793.8	-1248.9	-28295.0
	228	-32146.9	3290.1	-145.2	793.8	0.0	0.0
26	28	39886.9	-3138.1	208.3	-146.7	-1791.3	-26988.0
	228	-32146.9	3138.1	-208.3	146.7	0.0	0.0
27	28	39886.9	-3329.6	-2201.0	-1021.6	18928.3	-28634.7
	228	-32146.9	3329.6	2201.0	1021.6	0.0	0.0
28	28	39886.9	-3177.6	-2137.9	-374.4	18386.0	-27327.7
	228	-32146.9	3177.6	2137.9	374.4	0.0	0.0
29	28	39886.9	-2997.1	2645.2	630.4	-22748.8	-25775.5
	228	-32146.9	2997.1	-2645.2	-630.4	0.0	0.0
30	28	39886.9	-2845.2	2708.3	1277.5	-23291.2	-24468.5
	228	-32146.9	2845.2	-2708.3	-1277.5	0.0	0.0
31	28	39886.9	-3036.7	299.0	402.6	-2571.6	-26115.2
	228	-32146.9	3036.7	-299.0	-402.6	0.0	0.0
32	28	39886.9	-2884.7	362.1	1049.7	-3113.9	-24808.2
	228	-32146.9	2884.7	-362.1	-1049.7	0.0	0.0
33	28	39886.9	2884.7	-362.1	-1049.7	3113.9	24808.2
	228	-32146.9	-2884.7	362.1	1049.7	0.0	0.0
34	28	39886.9	3036.7	-299.0	-402.6	2571.6	26115.2
	228	-32146.9	-3036.7	299.0	402.6	0.0	0.0
35	28	39886.9	2845.2	-2708.3	-1277.5	23291.2	24468.5
	228	-32146.9	-2845.2	2708.3	1277.5	0.0	0.0
36	28	39886.9	2997.1	-2645.2	-630.4	22748.8	25775.5
	228	-32146.9	-2997.1	2645.2	630.4	0.0	0.0
37	28	39886.9	3177.6	2137.9	374.4	-18386.0	27327.7
	228	-32146.9	-3177.6	-2137.9	-374.4	0.0	0.0
38	28	39886.9	3329.6	2201.0	1021.6	-18928.3	28634.7
	228	-32146.9	-3329.6	-2201.0	-1021.6	0.0	0.0
39	28	39886.9	3138.1	-208.3	146.7	1791.3	26988.0
	228	-32146.9	-3138.1	208.3	-146.7	0.0	0.0
40	28	39886.9	3290.1	-145.2	793.8	1248.9	28295.0
	228	-32146.9	-3290.1	145.2	-793.8	0.0	0.0
41	28	47493.5	0.1	63.9	1.1	-549.9	1.1
	228	-39753.5	-0.1	-63.9	-1.1	0.0	0.0

42	28	47493.5	-2.6	-218.3	-22.3	1877.1	-22.2
	228	-39753.5	2.6	218.3	22.3	0.0	0.0
43	28	47493.5	-343.1	23.7	16.9	-204.1	-2950.4
	228	-39753.5	343.1	-23.7	-16.9	0.0	0.0
44	28	47493.5	341.5	-42.9	-30.7	369.3	2936.7
	228	-39753.5	-341.5	42.9	30.7	0.0	0.0
45	28	43690.2	0.2	106.6	1.9	-916.5	1.9
	228	-35950.2	-0.2	-106.6	-1.9	0.0	0.0
46	28	43690.2	-4.3	-363.8	-37.1	3128.5	-37.0
	228	-35950.2	4.3	363.8	37.1	0.0	0.0
47	28	43690.2	-571.8	39.5	28.2	-340.1	-4917.3
	228	-35950.2	571.8	-39.5	-28.2	0.0	0.0
48	28	43690.2	569.1	-71.6	-51.1	615.6	4894.5
	228	-35950.2	-569.1	71.6	51.1	0.0	0.0
49	28	41408.2	-0.0	0.0	-0.0	-0.0	-0.0
	228	-33668.2	0.0	-0.0	0.0	0.0	0.0
50	28	39886.9	0.0	21.3	0.4	-183.3	0.4
	228	-32146.9	-0.0	-21.3	-0.4	0.0	0.0
51	28	39886.9	-0.9	-72.8	-7.4	625.7	-7.4
	228	-32146.9	0.9	72.8	7.4	0.0	0.0
52	28	39886.9	-114.4	7.9	5.6	-68.0	-983.5
	228	-32146.9	114.4	-7.9	-5.6	0.0	0.0
53	28	39886.9	113.8	-14.3	-10.2	123.1	978.9
	228	-32146.9	-113.8	14.3	10.2	0.0	0.0
54	28	39886.9	-0.0	0.0	-0.0	-0.0	-0.0
	228	-32146.9	0.0	-0.0	0.0	0.0	0.0
55	28	39886.9	-955.1	2892.9	-721.4	-24878.9	-8214.0
	228	-32146.9	955.1	-2892.9	721.4	0.0	0.0
56	28	39886.9	-882.6	3511.7	-368.9	-30200.6	-7590.4
	228	-32146.9	882.6	-3511.7	368.9	0.0	0.0
57	28	39886.9	573.3	2767.3	-784.7	-23799.1	4930.1
	228	-32146.9	-573.3	-2767.3	784.7	0.0	0.0
58	28	39886.9	645.8	3386.1	-432.2	-29120.7	5553.7
	228	-32146.9	-645.8	-3386.1	432.2	0.0	0.0
59	28	39886.9	-537.1	3066.3	1058.6	-26370.5	-4619.4
	228	-32146.9	537.1	-3066.3	-1058.6	0.0	0.0
60	28	39886.9	-464.6	3685.1	1411.2	-31692.2	-3995.8
	228	-32146.9	464.6	-3685.1	-1411.2	0.0	0.0
61	28	39886.9	991.2	2940.8	995.3	-25290.7	8524.7
	228	-32146.9	-991.2	-2940.8	-995.3	0.0	0.0
62	28	39886.9	1063.8	3559.6	1347.8	-30612.3	9148.3
	228	-32146.9	-1063.8	-3559.6	-1347.8	0.0	0.0
63	28	39886.9	-1063.8	-3559.6	-1347.8	30612.3	-9148.4
	228	-32146.9	1063.8	3559.6	1347.8	0.0	0.0
64	28	39886.9	-991.2	-2940.8	-995.3	25290.7	-8524.7
	228	-32146.9	991.2	2940.8	995.3	0.0	0.0
65	28	39886.9	464.6	-3685.1	-1411.2	31692.2	3995.8
	228	-32146.9	-464.6	3685.1	1411.2	0.0	0.0
66	28	39886.9	537.1	-3066.3	-1058.6	26370.6	4619.4
	228	-32146.9	-537.1	3066.3	1058.6	0.0	0.0
67	28	39886.9	-645.8	-3386.1	432.2	29120.7	-5553.7
	228	-32146.9	645.8	3386.1	-432.2	0.0	0.0
68	28	39886.9	-573.3	-2767.3	784.7	23799.1	-4930.1
	228	-32146.9	573.3	2767.3	-784.7	0.0	0.0
69	28	39886.9	882.6	-3511.7	368.9	30200.6	7590.4
	228	-32146.9	-882.6	3511.7	-368.9	0.0	0.0
70	28	39886.9	955.1	-2892.9	721.4	24878.9	8214.0
	228	-32146.9	-955.1	2892.9	-721.4	0.0	0.0
71	28	39886.9	-2714.6	119.8	-655.0	-1030.3	-23345.3
	228	-32146.9	2714.6	-119.8	655.0	0.0	0.0
72	28	39886.9	-2589.2	171.8	-121.0	-1477.8	-22266.9
	228	-32146.9	2589.2	-171.8	121.0	0.0	0.0
73	28	39886.9	-2747.2	-1815.9	-842.9	15617.1	-23625.6
	228	-32146.9	2747.2	1815.9	842.9	0.0	0.0
74	28	39886.9	-2621.8	-1763.9	-308.9	15169.6	-22547.2

	228	-32146.9	2621.8	1763.9	308.9	0.0	0.0
75	28	39886.9	-2472.9	2182.4	520.1	-18769.1	-21266.6
	228	-32146.9	2472.9	-2182.4	-520.1	0.0	0.0
76	28	39886.9	-2347.5	2234.5	1054.1	-19216.5	-20188.2
	228	-32146.9	2347.5	-2234.5	-1054.1	0.0	0.0
77	28	39886.9	-2505.5	246.7	332.1	-2121.7	-21546.9
	228	-32146.9	2505.5	-246.7	-332.1	0.0	0.0
78	28	39886.9	-2380.1	298.7	866.1	-2569.2	-20468.5
	228	-32146.9	2380.1	-298.7	-866.1	0.0	0.0
79	28	39886.9	2380.1	-298.7	-866.1	2569.2	20468.5
	228	-32146.9	-2380.1	298.7	866.1	0.0	0.0
80	28	39886.9	2505.5	-246.7	-332.1	2121.7	21546.9
	228	-32146.9	-2505.5	246.7	332.1	0.0	0.0
81	28	39886.9	2347.5	-2234.5	-1054.1	19216.6	20188.2
	228	-32146.9	-2347.5	2234.5	1054.1	0.0	0.0
82	28	39886.9	2472.9	-2182.4	-520.1	18769.1	21266.6
	228	-32146.9	-2472.9	2182.4	520.1	0.0	0.0
83	28	39886.9	2621.8	1763.9	308.9	-15169.6	22547.2
	228	-32146.9	-2621.8	-1763.9	-308.9	0.0	0.0
84	28	39886.9	2747.2	1815.9	842.9	-15617.0	23625.6
	228	-32146.9	-2747.2	-1815.9	-842.9	0.0	0.0
85	28	39886.9	2589.2	-171.8	121.0	1477.8	22266.9
	228	-32146.9	-2589.2	171.8	-121.0	0.0	0.0
86	28	39886.9	2714.6	-119.8	655.0	1030.3	23345.3
	228	-32146.9	-2714.6	119.8	-655.0	0.0	0.0
1	29	65531.8	1.2	95.9	1.7	-824.8	10.2
	229	-55469.8	-1.2	-95.9	-1.7	0.0	0.0
2	29	65531.8	-23.1	-327.4	-33.4	2815.7	-198.8
	229	-55469.8	23.1	327.4	33.4	0.0	0.0
3	29	65531.8	-500.0	35.6	25.4	-306.1	-4299.8
	229	-55469.8	500.0	-35.6	-25.4	0.0	0.0
4	29	65531.8	485.7	-64.4	-46.0	554.0	4177.4
	229	-55469.8	-485.7	64.4	46.0	0.0	0.0
5	29	59740.2	2.0	159.9	2.9	-1374.7	17.0
	229	-49678.2	-2.0	-159.9	-2.9	0.0	0.0
6	29	59740.2	-38.5	-545.7	-55.7	4692.8	-331.3
	229	-49678.2	38.5	545.7	55.7	0.0	0.0
7	29	59740.2	-833.3	59.3	42.4	-510.2	-7166.3
	229	-49678.2	833.3	-59.3	-42.4	0.0	0.0
8	29	59740.2	809.6	-107.4	-76.7	923.4	6962.4
	229	-49678.2	-809.6	107.4	76.7	0.0	0.0
9	29	40459.2	-1587.8	3506.3	-874.2	-30154.2	-13655.2
	229	-32719.2	1587.8	-3506.3	874.2	0.0	0.0
10	29	40459.2	-1366.0	4256.3	-447.0	-36604.2	-11748.0
	229	-32719.2	1366.0	-4256.3	447.0	0.0	0.0
11	29	40459.2	251.9	3354.1	-951.0	-28845.4	2166.6
	229	-32719.2	-251.9	-3354.1	951.0	0.0	0.0
12	29	40459.3	473.7	4104.1	-523.7	-35295.3	4073.8
	229	-32719.3	-473.7	-4104.1	523.7	0.0	0.0
13	29	40459.3	32.7	3716.5	1283.0	-31962.1	280.9
	229	-32719.3	-32.7	-3716.5	-1283.0	0.0	0.0
14	29	40459.4	254.4	4466.5	1710.3	-38412.1	2188.2
	229	-32719.4	-254.4	-4466.5	-1710.3	0.0	0.0
15	29	40459.4	1872.4	3564.3	1206.2	-30653.3	16102.7
	229	-32719.4	-1872.4	-3564.3	-1206.2	0.0	0.0
16	29	40459.4	2094.2	4314.3	1633.5	-37103.2	18010.0
	229	-32719.4	-2094.2	-4314.3	-1633.5	0.0	0.0
17	29	40459.5	-2094.2	-4314.3	-1633.5	37103.2	-18010.0
	229	-32719.5	2094.2	4314.3	1633.5	0.0	0.0
18	29	40459.6	-1872.4	-3564.3	-1206.2	30653.3	-16102.8
	229	-32719.6	1872.4	3564.3	1206.2	0.0	0.0
19	29	40459.5	-254.4	-4466.5	-1710.3	38412.1	-2188.2
	229	-32719.5	254.4	4466.5	1710.3	0.0	0.0
20	29	40459.6	-32.7	-3716.5	-1283.0	31962.1	-280.9

	229	-32719.6	32.7	3716.5	1283.0	0.0	0.0
21	29	40459.7	-473.7	-4104.1	523.7	35295.3	-4073.8
	229	-32719.7	473.7	4104.1	-523.7	0.0	0.0
22	29	40459.7	-251.9	-3354.1	951.0	28845.4	-2166.6
	229	-32719.7	251.9	3354.1	-951.0	0.0	0.0
23	29	40459.7	1366.0	-4256.3	447.0	36604.2	11748.0
	229	-32719.7	-1366.0	4256.3	-447.0	0.0	0.0
24	29	40459.7	1587.8	-3506.3	874.2	30154.2	13655.2
	229	-32719.7	-1587.8	3506.3	-874.2	0.0	0.0
25	29	40459.3	-3603.0	145.2	-793.8	-1248.9	-30985.6
	229	-32719.3	3603.0	-145.2	793.8	0.0	0.0
26	29	40459.3	-3116.8	208.3	-146.7	-1791.3	-26804.8
	229	-32719.3	3116.8	-208.3	146.7	0.0	0.0
27	29	40459.4	-3754.9	-2201.0	-1021.6	18928.3	-32292.1
	229	-32719.4	3754.9	2201.0	1021.6	0.0	0.0
28	29	40459.4	-3268.7	-2137.9	-374.4	18386.0	-28111.2
	229	-32719.4	3268.7	2137.9	374.4	0.0	0.0
29	29	40459.4	-2863.7	2645.2	630.4	-22748.8	-24628.2
	229	-32719.4	2863.7	-2645.2	-630.4	0.0	0.0
30	29	40459.4	-2377.6	2708.3	1277.5	-23291.2	-20447.3
	229	-32719.4	2377.6	-2708.3	-1277.5	0.0	0.0
31	29	40459.5	-3015.7	299.0	402.6	-2571.6	-25934.6
	229	-32719.5	3015.7	-299.0	-402.6	0.0	0.0
32	29	40459.5	-2529.5	362.1	1049.7	-3113.9	-21753.8
	229	-32719.5	2529.5	-362.1	-1049.7	0.0	0.0
33	29	40459.4	2529.5	-362.1	-1049.7	3113.9	21753.8
	229	-32719.4	-2529.5	362.1	1049.7	0.0	0.0
34	29	40459.4	3015.7	-299.0	-402.6	2571.6	25934.6
	229	-32719.4	-3015.7	299.0	402.6	0.0	0.0
35	29	40459.5	2377.6	-2708.3	-1277.5	23291.2	20447.3
	229	-32719.5	-2377.6	2708.3	1277.5	0.0	0.0
36	29	40459.5	2863.7	-2645.2	-630.4	22748.8	24628.2
	229	-32719.5	-2863.7	2645.2	630.4	0.0	0.0
37	29	40459.5	3268.7	2137.9	374.4	-18386.0	28111.2
	229	-32719.5	-3268.7	-2137.9	-374.4	0.0	0.0
38	29	40459.5	3754.9	2201.0	1021.6	-18928.3	32292.0
	229	-32719.5	-3754.9	-2201.0	-1021.6	0.0	0.0
39	29	40459.6	3116.8	-208.3	146.7	1791.3	26804.8
	229	-32719.6	-3116.8	208.3	-146.7	0.0	0.0
40	29	40459.6	3603.0	-145.2	793.8	1248.9	30985.6
	229	-32719.6	-3603.0	145.2	-793.8	0.0	0.0
41	29	48181.6	0.8	63.9	1.1	-549.9	6.8
	229	-40441.6	-0.8	-63.9	-1.1	0.0	0.0
42	29	48181.6	-15.4	-218.3	-22.3	1877.1	-132.5
	229	-40441.6	15.4	218.3	22.3	0.0	0.0
43	29	48181.6	-333.3	23.7	16.9	-204.1	-2866.5
	229	-40441.6	333.3	-23.7	-16.9	0.0	0.0
44	29	48181.6	323.8	-42.9	-30.7	369.3	2784.9
	229	-40441.6	-323.8	42.9	30.7	0.0	0.0
45	29	44320.5	1.3	106.6	1.9	-916.5	11.3
	229	-36580.5	-1.3	-106.6	-1.9	0.0	0.0
46	29	44320.5	-25.7	-363.8	-37.1	3128.5	-220.8
	229	-36580.5	25.7	363.8	37.1	0.0	0.0
47	29	44320.5	-555.5	39.5	28.2	-340.1	-4777.6
	229	-36580.5	555.5	-39.5	-28.2	0.0	0.0
48	29	44320.5	539.7	-71.6	-51.1	615.6	4641.6
	229	-36580.5	-539.7	71.6	51.1	0.0	0.0
49	29	42003.9	-0.0	0.0	-0.0	-0.0	-0.0
	229	-34263.9	0.0	-0.0	0.0	0.0	0.0
50	29	40459.5	0.3	21.3	0.4	-183.3	2.3
	229	-32719.5	-0.3	-21.3	-0.4	0.0	0.0
51	29	40459.5	-5.1	-72.8	-7.4	625.7	-44.2
	229	-32719.5	5.1	72.8	7.4	0.0	0.0
52	29	40459.5	-111.1	7.9	5.6	-68.0	-955.5
	229	-32719.5	111.1	-7.9	-5.6	0.0	0.0

53	29	40459.5	107.9	-14.3	-10.2	123.1	928.3
	229	-32719.5	-107.9	14.3	10.2	0.0	0.0
54	29	40459.5	-0.0	0.0	-0.0	-0.0	-0.0
	229	-32719.5	0.0	-0.0	0.0	0.0	0.0
55	29	40459.2	-1310.1	2892.9	-721.4	-24878.9	-11267.1
	229	-32719.2	1310.1	-2892.9	721.4	0.0	0.0
56	29	40459.2	-1127.2	3511.7	-368.9	-30200.6	-9693.6
	229	-32719.2	1127.2	-3511.7	368.9	0.0	0.0
57	29	40459.2	207.8	2767.3	-784.7	-23799.1	1787.0
	229	-32719.2	-207.8	-2767.3	784.7	0.0	0.0
58	29	40459.3	390.8	3386.1	-432.2	-29120.7	3360.5
	229	-32719.3	-390.8	-3386.1	432.2	0.0	0.0
59	29	40459.3	27.0	3066.3	1058.6	-26370.5	232.2
	229	-32719.3	-27.0	-3066.3	-1058.6	0.0	0.0
60	29	40459.4	210.0	3685.1	1411.2	-31692.2	1805.7
	229	-32719.4	-210.0	-3685.1	-1411.2	0.0	0.0
61	29	40459.4	1544.9	2940.8	995.3	-25290.7	13286.3
	229	-32719.4	-1544.9	-2940.8	-995.3	0.0	0.0
62	29	40459.4	1727.9	3559.6	1347.8	-30612.3	14859.8
	229	-32719.4	-1727.9	-3559.6	-1347.8	0.0	0.0
63	29	40459.5	-1727.9	-3559.6	-1347.8	30612.3	-14859.8
	229	-32719.5	1727.9	3559.6	1347.8	0.0	0.0
64	29	40459.5	-1544.9	-2940.8	-995.3	25290.7	-13286.3
	229	-32719.5	1544.9	2940.8	995.3	0.0	0.0
65	29	40459.5	-210.0	-3685.1	-1411.2	31692.2	-1805.7
	229	-32719.5	210.0	3685.1	1411.2	0.0	0.0
66	29	40459.6	-27.0	-3066.3	-1058.6	26370.6	-232.2
	229	-32719.6	27.0	3066.3	1058.6	0.0	0.0
67	29	40459.6	-390.8	-3386.1	432.2	29120.7	-3360.5
	229	-32719.6	390.8	3386.1	-432.2	0.0	0.0
68	29	40459.7	-207.8	-2767.3	784.7	23799.1	-1787.0
	229	-32719.7	207.8	2767.3	-784.7	0.0	0.0
69	29	40459.7	1127.2	-3511.7	368.9	30200.6	9693.6
	229	-32719.7	-1127.2	3511.7	-368.9	0.0	0.0
70	29	40459.7	1310.1	-2892.9	721.4	24878.9	11267.1
	229	-32719.7	-1310.1	2892.9	-721.4	0.0	0.0
71	29	40459.3	-2972.7	119.8	-655.0	-1030.3	-25565.4
	229	-32719.3	2972.7	-119.8	655.0	0.0	0.0
72	29	40459.3	-2571.6	171.8	-121.0	-1477.8	-22115.6
	229	-32719.3	2571.6	-171.8	121.0	0.0	0.0
73	29	40459.4	-3098.0	-1815.9	-842.9	15617.1	-26643.2
	229	-32719.4	3098.0	1815.9	842.9	0.0	0.0
74	29	40459.4	-2696.9	-1763.9	-308.9	15169.6	-23193.4
	229	-32719.4	2696.9	1763.9	308.9	0.0	0.0
75	29	40459.4	-2362.8	2182.4	520.1	-18769.1	-20320.3
	229	-32719.4	2362.8	-2182.4	-520.1	0.0	0.0
76	29	40459.4	-1961.7	2234.5	1054.1	-19216.5	-16870.5
	229	-32719.4	1961.7	-2234.5	-1054.1	0.0	0.0
77	29	40459.5	-2488.1	246.7	332.1	-2121.7	-21398.1
	229	-32719.5	2488.1	-246.7	-332.1	0.0	0.0
78	29	40459.5	-2087.0	298.7	866.1	-2569.2	-17948.3
	229	-32719.5	2087.0	-298.7	-866.1	0.0	0.0
79	29	40459.4	2087.0	-298.7	-866.1	2569.2	17948.3
	229	-32719.4	-2087.0	298.7	866.1	0.0	0.0
80	29	40459.4	2488.1	-246.7	-332.1	2121.7	21398.1
	229	-32719.4	-2488.1	246.7	332.1	0.0	0.0
81	29	40459.5	1961.7	-2234.5	-1054.1	19216.6	16870.5
	229	-32719.5	-1961.7	2234.5	1054.1	0.0	0.0
82	29	40459.5	2362.8	-2182.4	-520.1	18769.1	20320.2
	229	-32719.5	-2362.8	2182.4	520.1	0.0	0.0
83	29	40459.5	2696.9	1763.9	308.9	-15169.6	23193.4
	229	-32719.5	-2696.9	-1763.9	-308.9	0.0	0.0
84	29	40459.5	3098.0	1815.9	842.9	-15617.0	26643.2
	229	-32719.5	-3098.0	-1815.9	-842.9	0.0	0.0
85	29	40459.6	2571.6	-171.8	121.0	1477.8	22115.6

	229	-32719.6	-2571.6	171.8	-121.0	0.0	0.0
86	29	40459.6	2972.7	-119.8	655.0	1030.3	25565.4
	229	-32719.6	-2972.7	119.8	-655.0	0.0	0.0
1	30	38225.0	2.2	95.9	1.7	-824.8	18.6
	230	-28163.0	-2.2	-95.9	-1.7	0.0	0.0
2	30	38225.0	-42.3	-327.4	-33.4	2815.7	-364.2
	230	-28163.0	42.3	327.4	33.4	0.0	0.0
3	30	38225.0	-485.4	35.6	25.4	-306.1	-4174.0
	230	-28163.0	485.4	-35.6	-25.4	0.0	0.0
4	30	38225.0	459.3	-64.4	-46.0	554.0	3949.7
	230	-28163.0	-459.3	64.4	46.0	0.0	0.0
5	30	35657.6	3.6	159.9	2.9	-1374.7	31.1
	230	-25595.6	-3.6	-159.9	-2.9	0.0	0.0
6	30	35657.6	-70.6	-545.7	-55.7	4692.8	-607.0
	230	-25595.6	70.6	545.7	55.7	0.0	0.0
7	30	35657.6	-808.9	59.3	42.4	-510.2	-6956.7
	230	-25595.6	808.9	-59.3	-42.4	0.0	0.0
8	30	35657.6	765.5	-107.4	-76.7	923.4	6582.9
	230	-25595.6	-765.5	107.4	76.7	0.0	0.0
9	30	24992.8	-2050.7	3506.3	-874.2	-30154.2	-17636.1
	230	-17252.8	2050.7	-3506.3	874.2	0.0	0.0
10	30	24992.9	-1710.1	4256.3	-447.0	-36604.2	-14706.9
	230	-17252.9	1710.1	-4256.3	447.0	0.0	0.0
11	30	24992.9	-196.7	3354.1	-951.0	-28845.4	-1691.9
	230	-17252.9	196.7	-3354.1	951.0	0.0	0.0
12	30	24992.9	143.9	4104.1	-523.7	-35295.3	1237.3
	230	-17252.9	-143.9	-4104.1	523.7	0.0	0.0
13	30	24993.0	791.6	3716.5	1283.0	-31962.1	6808.1
	230	-17253.0	-791.6	-3716.5	-1283.0	0.0	0.0
14	30	24993.0	1132.2	4466.5	1710.3	-38412.1	9737.3
	230	-17253.0	-1132.2	-4466.5	-1710.3	0.0	0.0
15	30	24993.0	2645.6	3564.3	1206.2	-30653.3	22752.3
	230	-17253.0	-2645.6	-3564.3	-1206.2	0.0	0.0
16	30	24993.1	2986.2	4314.3	1633.5	-37103.2	25681.5
	230	-17253.1	-2986.2	-4314.3	-1633.5	0.0	0.0
17	30	24993.2	-2986.2	-4314.3	-1633.5	37103.2	-25681.5
	230	-17253.2	2986.2	4314.3	1633.5	0.0	0.0
18	30	24993.2	-2645.6	-3564.3	-1206.2	30653.3	-22752.3
	230	-17253.2	2645.6	3564.3	1206.2	0.0	0.0
19	30	24993.2	-1132.3	-4466.5	-1710.3	38412.1	-9737.4
	230	-17253.2	1132.3	4466.5	1710.3	0.0	0.0
20	30	24993.2	-791.6	-3716.5	-1283.0	31962.1	-6808.1
	230	-17253.2	791.6	3716.5	1283.0	0.0	0.0
21	30	24993.3	-143.9	-4104.1	523.7	35295.3	-1237.3
	230	-17253.3	143.9	4104.1	-523.7	0.0	0.0
22	30	24993.4	196.7	-3354.1	951.0	28845.4	1691.9
	230	-17253.4	-196.7	3354.1	-951.0	0.0	0.0
23	30	24993.4	1710.1	-4256.3	447.0	36604.2	14706.9
	230	-17253.4	-1710.1	4256.3	-447.0	0.0	0.0
24	30	24993.4	2050.7	-3506.3	874.2	30154.2	17636.1
	230	-17253.4	-2050.7	3506.3	-874.2	0.0	0.0
25	30	24992.9	-3943.7	145.2	-793.8	-1248.9	-33915.5
	230	-17252.9	3943.7	-145.2	793.8	0.0	0.0
26	30	24993.0	-3091.0	208.3	-146.7	-1791.3	-26582.2
	230	-17253.0	3091.0	-208.3	146.7	0.0	0.0
27	30	24993.0	-4224.3	-2201.0	-1021.6	18928.3	-36329.1
	230	-17253.0	4224.3	2201.0	1021.6	0.0	0.0
28	30	24993.1	-3371.6	-2137.9	-374.4	18386.0	-28995.8
	230	-17253.1	3371.6	2137.9	374.4	0.0	0.0
29	30	24993.1	-2808.3	2645.2	630.4	-22748.8	-24151.4
	230	-17253.1	2808.3	-2645.2	-630.4	0.0	0.0
30	30	24993.1	-1955.6	2708.3	1277.5	-23291.2	-16818.2
	230	-17253.1	1955.6	-2708.3	-1277.5	0.0	0.0
31	30	24993.2	-3089.0	299.0	402.6	-2571.6	-26565.1

	230	-17253.2	3089.0	-299.0	-402.6	0.0	0.0
32	30	24993.2	-2236.3	362.1	1049.7	-3113.9	-19231.8
	230	-17253.2	2236.3	-362.1	-1049.7	0.0	0.0
33	30	24993.0	2236.3	-362.1	-1049.7	3113.9	19231.8
	230	-17253.0	-2236.3	362.1	1049.7	0.0	0.0
34	30	24993.1	3089.0	-299.0	-402.6	2571.6	26565.1
	230	-17253.1	-3089.0	299.0	402.6	0.0	0.0
35	30	24993.1	1955.6	-2708.3	-1277.5	23291.2	16818.2
	230	-17253.1	-1955.6	2708.3	1277.5	0.0	0.0
36	30	24993.2	2808.3	-2645.2	-630.4	22748.8	24151.4
	230	-17253.2	-2808.3	2645.2	630.4	0.0	0.0
37	30	24993.1	3371.6	2137.9	374.4	-18386.0	28995.8
	230	-17253.1	-3371.6	-2137.9	-374.4	0.0	0.0
38	30	24993.2	4224.3	2201.0	1021.6	-18928.3	36329.1
	230	-17253.2	-4224.3	-2201.0	-1021.6	0.0	0.0
39	30	24993.3	3091.0	-208.3	146.7	1791.3	26582.2
	230	-17253.3	-3091.0	208.3	-146.7	0.0	0.0
40	30	24993.3	3943.7	-145.2	793.8	1248.9	33915.5
	230	-17253.3	-3943.7	145.2	-793.8	0.0	0.0
41	30	28416.4	1.4	63.9	1.1	-549.9	12.4
	230	-20676.4	-1.4	-63.9	-1.1	0.0	0.0
42	30	28416.4	-28.2	-218.3	-22.3	1877.1	-242.8
	230	-20676.4	28.2	218.3	22.3	0.0	0.0
43	30	28416.4	-323.6	23.7	16.9	-204.1	-2782.7
	230	-20676.4	323.6	-23.7	-16.9	0.0	0.0
44	30	28416.4	306.2	-42.9	-30.7	369.3	2633.2
	230	-20676.4	-306.2	42.9	30.7	0.0	0.0
45	30	26704.7	2.4	106.6	1.9	-916.5	20.7
	230	-18964.7	-2.4	-106.6	-1.9	0.0	0.0
46	30	26704.7	-47.1	-363.8	-37.1	3128.5	-404.7
	230	-18964.7	47.1	363.8	37.1	0.0	0.0
47	30	26704.7	-539.3	39.5	28.2	-340.1	-4637.8
	230	-18964.7	539.3	-39.5	-28.2	0.0	0.0
48	30	26704.7	510.3	-71.6	-51.1	615.6	4388.6
	230	-18964.7	-510.3	71.6	51.1	0.0	0.0
49	30	25677.8	-0.0	0.0	-0.0	-0.0	-0.0
	230	-17937.8	0.0	-0.0	0.0	0.0	0.0
50	30	24993.1	0.5	21.3	0.4	-183.3	4.1
	230	-17253.1	-0.5	-21.3	-0.4	0.0	0.0
51	30	24993.1	-9.4	-72.8	-7.4	625.7	-80.9
	230	-17253.1	9.4	72.8	7.4	0.0	0.0
52	30	24993.1	-107.9	7.9	5.6	-68.0	-927.6
	230	-17253.1	107.9	-7.9	-5.6	0.0	0.0
53	30	24993.1	102.1	-14.3	-10.2	123.1	877.7
	230	-17253.1	-102.1	14.3	10.2	0.0	0.0
54	30	24993.1	-0.0	0.0	-0.0	-0.0	-0.0
	230	-17253.1	0.0	-0.0	0.0	0.0	0.0
55	30	24992.9	-1692.1	2892.9	-721.4	-24878.9	-14552.1
	230	-17252.9	1692.1	-2892.9	721.4	0.0	0.0
56	30	24992.9	-1411.1	3511.7	-368.9	-30200.6	-12135.4
	230	-17252.9	1411.1	-3511.7	368.9	0.0	0.0
57	30	24992.9	-162.5	2767.3	-784.7	-23799.1	-1397.1
	230	-17252.9	162.5	-2767.3	784.7	0.0	0.0
58	30	24992.9	118.6	3386.1	-432.2	-29120.7	1019.6
	230	-17252.9	-118.6	-3386.1	432.2	0.0	0.0
59	30	24993.0	653.3	3066.3	1058.6	-26370.5	5618.0
	230	-17253.0	-653.3	-3066.3	-1058.6	0.0	0.0
60	30	24993.0	934.3	3685.1	1411.2	-31692.2	8034.6
	230	-17253.0	-934.3	-3685.1	-1411.2	0.0	0.0
61	30	24993.0	2182.9	2940.8	995.3	-25290.7	18773.0
	230	-17253.0	-2182.9	-2940.8	-995.3	0.0	0.0
62	30	24993.1	2463.9	3559.6	1347.8	-30612.3	21189.7
	230	-17253.1	-2463.9	-3559.6	-1347.8	0.0	0.0
63	30	24993.2	-2463.9	-3559.6	-1347.8	30612.3	-21189.7
	230	-17253.2	2463.9	3559.6	1347.8	0.0	0.0

64	30	24993.2	-2182.9	-2940.8	-995.3	25290.7	-18773.0
	230	-17253.2	2182.9	2940.8	995.3	0.0	0.0
65	30	24993.2	-934.3	-3685.1	-1411.2	31692.2	-8034.7
	230	-17253.2	934.3	3685.1	1411.2	0.0	0.0
66	30	24993.2	-653.3	-3066.3	-1058.6	26370.6	-5618.0
	230	-17253.2	653.3	3066.3	1058.6	0.0	0.0
67	30	24993.3	-118.6	-3386.1	432.2	29120.7	-1019.6
	230	-17253.3	118.6	3386.1	-432.2	0.0	0.0
68	30	24993.3	162.5	-2767.3	784.7	23799.1	1397.1
	230	-17253.3	-162.5	2767.3	-784.7	0.0	0.0
69	30	24993.3	1411.1	-3511.7	368.9	30200.6	12135.4
	230	-17253.3	-1411.1	3511.7	-368.9	0.0	0.0
70	30	24993.4	1692.1	-2892.9	721.4	24878.9	14552.1
	230	-17253.4	-1692.1	2892.9	-721.4	0.0	0.0
71	30	24993.0	-3253.8	119.8	-655.0	-1030.3	-27982.7
	230	-17253.0	3253.8	-119.8	655.0	0.0	0.0
72	30	24993.0	-2550.2	171.8	-121.0	-1477.8	-21931.7
	230	-17253.0	2550.2	-171.8	121.0	0.0	0.0
73	30	24993.1	-3485.3	-1815.9	-842.9	15617.1	-29974.0
	230	-17253.1	3485.3	1815.9	842.9	0.0	0.0
74	30	24993.1	-2781.7	-1763.9	-308.9	15169.6	-23923.0
	230	-17253.1	2781.7	1763.9	308.9	0.0	0.0
75	30	24993.1	-2317.1	2182.4	520.1	-18769.1	-19927.1
	230	-17253.1	2317.1	-2182.4	-520.1	0.0	0.0
76	30	24993.1	-1613.5	2234.5	1054.1	-19216.5	-13876.1
	230	-17253.1	1613.5	-2234.5	-1054.1	0.0	0.0
77	30	24993.2	-2548.6	246.7	332.1	-2121.7	-21918.4
	230	-17253.2	2548.6	-246.7	-332.1	0.0	0.0
78	30	24993.2	-1845.0	298.7	866.1	-2569.2	-15867.3
	230	-17253.2	1845.0	-298.7	-866.1	0.0	0.0
79	30	24993.0	1845.0	-298.7	-866.1	2569.2	15867.3
	230	-17253.0	-1845.0	298.7	866.1	0.0	0.0
80	30	24993.1	2548.6	-246.7	-332.1	2121.7	21918.4
	230	-17253.1	-2548.6	246.7	332.1	0.0	0.0
81	30	24993.1	1613.5	-2234.5	-1054.1	19216.6	13876.1
	230	-17253.1	-1613.5	2234.5	1054.1	0.0	0.0
82	30	24993.2	2317.1	-2182.4	-520.1	18769.1	19927.1
	230	-17253.2	-2317.1	2182.4	520.1	0.0	0.0
83	30	24993.1	2781.7	1763.9	308.9	-15169.6	23923.0
	230	-17253.1	-2781.7	-1763.9	-308.9	0.0	0.0
84	30	24993.2	3485.3	1815.9	842.9	-15617.0	29974.0
	230	-17253.2	-3485.3	-1815.9	-842.9	0.0	0.0
85	30	24993.2	2550.2	-171.8	121.0	1477.8	21931.7
	230	-17253.2	-2550.2	171.8	-121.0	0.0	0.0
86	30	24993.3	3253.8	-119.8	655.0	1030.3	27982.7
	230	-17253.3	-3253.8	119.8	-655.0	0.0	0.0

- En.Ex.Sys. WinStrand
- Dati relativi ai nodi della struttura
- Dati relativi ai solai della struttura
- Elementi tipo pilastro
- Elementi tipo trave
- Condizioni e combinazioni di carico
- Carichi e coppie applicati ai nodi
- Carichi e coppie applicati ai solai
- Dati relativi alle aree di carico
- Carichi applicati agli elementi
- Analisi dinamica
- Spostamenti nodali
- Sollecitazioni nei pilastri

Comune di Verona - Provincia di Verona

OPERE IN CONGLOMERATO CEMENTIZIO ARMATO NORMALE O PRECOMPRESSO

Lavori di costruzione di deposito per filobus sito in Verona, località Genovesa, di proprietà del comune di Verona.
Edificio adibito ad officina.

RELAZIONE DI CALCOLO

(ai sensi dell'art. 4 della legge 5 novembre 1971 n.1086)

1. Premessa

Si sono dimensionate le fondazioni delle strutture prefabbricate a partire dai carichi che ci sono stati forniti dal prefabbricatore, "cooperativa di costruzioni", e dalle indagini geologica e geotecnica del Dott. Geol. Alessandro Rebonato.

2. Normativa di riferimento

Le fasi di analisi e verifica delle fondazioni sono state condotte in accordo alle seguenti disposizioni normative:

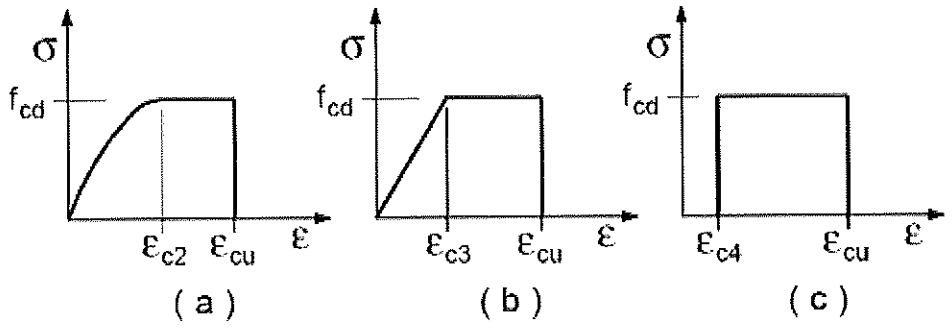
Norme Tecniche per le costruzioni introdotte con il D.M. infrastrutture del 14/01/08, con la relativa Circolare n°617/C.S.LL.PP. del 02/02/09; si fa inoltre riferimento alla Norma UNI EN 1992-1-1: 2005 (Eurocodice 2), e alla Norma UNI EN 1998-1: 2005 (Eurocodice 8).

3. Materiali impiegati e resistenze di calcolo

Per la realizzazione delle opere in oggetto saranno impiegati i seguenti materiali:

1.Calcestruzzo tipo C25/30 (Resistenza caratteristica Rck = 30.0 N/mm^2) armato con barre di acciaio ad aderenza migliorata tipo Acciaio B450C (Resistenza caratteristica Fyk = 450.0 N/mm^2);

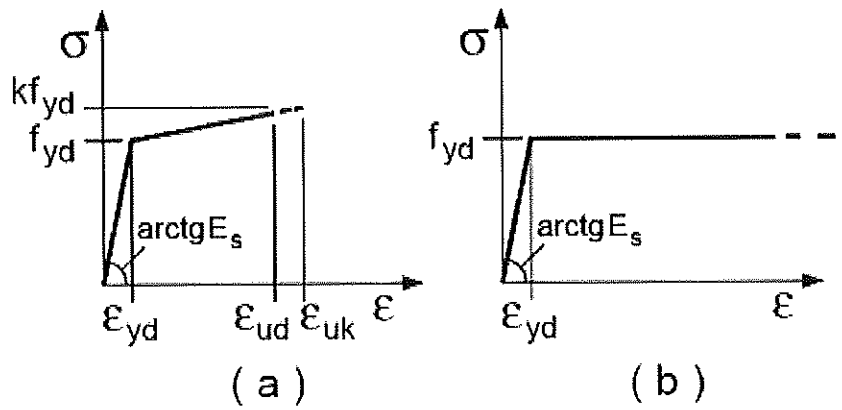
I diagrammi costitutivi del calcestruzzo sono stati adottati in conformità alle indicazioni riportate al punto 4.1.2.1.2.2 del D.M. 14 gennaio 2008; in particolare per le verifiche effettuate a pressoflessione retta e pressoflessione deviata è adottato il modello riportato in fig. (a).



Diagrammi di calcolo tensione/deformazione del calcestruzzo.

La deformazione massima $e_{c\ max}$ è assunta pari a 0.0035.

I diagrammi costitutivi dell'acciaio sono stati adottati in conformità alle indicazioni riportate al punto 4.1.2.1.2.3 del D.M. 14 gennaio 2008; in particolare è adottato il modello elastico perfettamente plastico rappresentato in fig. (b).



La resistenza di calcolo è data da f_{yk} / g_f. Il coefficiente di sicurezza g_f si assume pari a 1.15.

Tutti i materiali impiegati dovranno essere comunque verificati con opportune prove di laboratorio secondo le prescrizioni della vigente Normativa.

4. Vita utile della struttura

La vita utile della struttura VR , che serve a definire Periodo di Riferimento dell'azione sismica, è stata definita come descritto nel cap. 2.4 delle NTC 2008 pari a VR = VN x Cu, dove

VN= vita nominale

C_u= classe d'uso

Quindi la vita utile della struttura oggetto della presente relazione di calcolo è

$V_R = V_N \times C_u = 50 \times 1{,}0 = 50$ anni

Alla scdenza della vita utile di servizio sopra dichiarata e valutata a partire dalla fine della costruzione (data di collaudo statico) la struttura dovrà essere sottoposta ad una nuova valutazione della sicurezza così come descritto dettagliatamente nel cap.8 delle NTC 2008 "Costruzioni esistenti".

5. Dimensionamento plinti

Come già anticipato nella premessa, a partire dai carichi (cooperativa di costruzioni) e dalle caratteristiche meccaniche del terreno (Dott. Geol. Alessandro Rebonato) si sono dimensionate le fondazioni in opera.

Si sono utilizzati sette "plinti tipo" di base e spessore differenti.

Nel seguito si riportano i fogli di calcolo utilizzati per associare ai pilastri prefabbricati il "plinto tipo" tale per cui risultino verificate le pressioni a terra.

PLINTO TIPO	BASE	H PLINTO
1	150	0,4
2	200	0,4
3	250	0,7
4	300	0,7
5	350	0,7
6	400	1,0
7	450	1,0

STRUTTURA 3A – OFFICINA

LEGENDA | INPUT | Valore Corretto | Valore non ammissibile

NODO	Rx [kg]	Ry [kg]	Rz [kg]	Mx [kgm]	My [kgm]	M max [kgm]	B min [cm]	B eff [cm]	e [cm]	e max [cm]	H PLINTO [m]	P.P. PLINTO [kg]	PARZIALIZZATO	SIGMA t [kg/cmq]	PLINTO TIPO
1	-	-	27200	33900	12000	33900	123	400	50,45	66,67	1	40000	NO	0,74	6
2	-	-	52000	37000	12000	37000	170	350	50,38	58,33	0,7	21437,5	NO	1,12	5
3	-	-	64000	42000	12000	42000	189	350	49,16	58,33	0,7	21437,5	NO	1,29	5
4	-	-	67000	46000	12000	46000	193	350	52,01	58,33	0,7	21437,5	NO	1,37	5
5	-	-	64000	52000	12000	52000	189	400	50	66,67	1	40000	NO	1,14	6
6	-	-	65000	57000	12000	57000	190	400	54,29	66,67	1	40000	NO	1,19	6
7	-	-	65000	62000	12000	62000	190	450	53,62	75	1	50625	NO	0,98	7
8	-	-	43000	67000	12000	67000	155	450	71,56	75	1	50625	NO	0,9	7
9	-	-	43000	34000	12000	34000	155	350	52,76	58,33	0,7	21437,5	NO	1	5
10	-	-	88000	37000	12000	37000	221	350	33,81	58,33	0,7	21437,5	NO	1,41	5
11	-	-	108000	42000	12000	42000	245	350	32,45	58,33	0,7	21437,5	NO	1,64	5
12	-	-	114000	47000	12000	47000	252	400	30,52	66,67	1	40000	NO	1,4	6
13	-	-	108000	52000	12000	52000	245	400	35,14	66,67	1	40000	NO	1,41	6
14	-	-	111000	57000	12000	57000	248	400	37,75	66,67	1	40000	NO	1,48	6
15	-	-	112000	62000	12000	62000	249	400	40,79	66,67	1	40000	NO	1,53	6
16	-	-	72000	67000	12000	67000	200	450	54,64	75	1	50625	NO	1,05	7
17	-	-	42000	34000	12000	34000	153	350	53,6	58,33	0,7	21437,5	NO	0,99	5
18	-	-	87000	37000	12000	37000	220	350	34,12	58,33	0,7	21437,5	NO	1,4	5
19	-	-	108000	42000	12000	42000	245	350	32,45	58,33	0,7	21437,5	NO	1,64	5
20	-	-	114000	47000	12000	47000	252	350	34,7	58,33	0,7	21437,5	NO	1,76	5
21	-	-	108000	52000	12000	52000	245	350	40,17	58,33	0,7	21437,5	NO	1,78	5
22	-	-	111000	57000	12000	57000	248	400	37,75	66,67	1	40000	NO	1,48	6
23	-	-	72000	32000	12000	32000	200	300	36,47	50	0,7	15750	NO	1,69	4
24	-	-	72000	62000	12000	62000	200	400	55,36	66,67	1	40000	NO	1,28	6
25	-	-	27000	67000	12000	67000	122	450	86,31	75	1	50625	SI	2,49	7
26	-	-	52000	34000	12000	34000	170	301	50,11	50,17	0,7	15855,18	NO	1,5	4
27	-	-	64000	37000	12000	37000	189	302	46,27	50,33	0,7	15960,7	NO	1,68	4
28	-	-	67000	42000	12000	42000	193	400	39,25	66,67	1	40000	NO	1,06	6
29	-	-	63200	52000	12000	52000	187	400	50,39	66,67	1	40000	NO	1,13	6
30	-	-	65000	57000	12000	57000	190	400	54,29	66,67	1	40000	NO	1,19	6
31	-	-	66000	62000	12000	62000	191	400	58,49	66,67	1	40000	NO	1,24	6
32	-	-	43000	67000	12000	67000	155	450	71,56	75	1	50625	NO	0,9	7

STRUTTURA 3B – OFFICINA

LEGENDA | INPUT | Valore Corretto | Valore non ammissibile

NODO	Rx [kg]	Ry [kg]	Rz [kg]	Mx [kgm]	My [kgm]	M max [kgm]	B min [cm]	B eff [cm]	e [cm]	e max [cm]	H PLINTO [m]	P.P. PLINTO [kg]	PARZIALIZZATO	SIGMA t [kg/cmq]	PLINTO TIPO
1	-	-	85000	13000	10000	13000	217	300	12,9	50	0,7	15750	NO	1,41	4
2	-	-	150000	16000	4200	16000	289	350	9,33	58,33	0,7	21437,5	NO	1,62	5
3	-	-	146000	20000	5700	20000	285	350	11,94	58,33	0,7	21437,5	NO	1,65	5
4	-	-	147000	24000	5700	24000	286	350	14,25	58,33	0,7	21437,5	NO	1,71	5
5	-	-	81000	27000	8500	27000	212	300	27,91	50	0,7	15750	NO	1,68	4
6	-	-	48000	32000	9200	32000	163	350	46,08	58,33	0,7	21437,5	NO	1,01	5
7	-	-	91000	32000	9200	32000	225	350	28,46	58,33	0,7	21437,5	NO	1,37	5
8	-	-	91000	32000	9200	32000	225	350	28,46	58,33	0,7	21437,5	NO	1,37	5
9	-	-	91000	32000	9200	32000	225	350	28,46	58,33	0,7	21437,5	NO	1,37	5
10	-	-	48000	32000	9200	32000	163	350	46,08	58,33	0,7	21437,5	NO	1,01	5
11	-	-	62000	38000	10300	38000	186	300	48,87	50	0,7	15750	NO	1,71	4
12	-	-	105000	69000	21000	69000	242	400	47,59	66,67	1	40000	NO	1,55	6
13	-	-	98000	62000	21000	62000	233	400	44,93	66,67	1	40000	NO	1,44	6
14	-	-	100000	55200	21000	55200	236	350	45,46	58,33	0,7	21437,5	NO	1,76	5
15	-	-	55000	49000	21000	49000	175	400	51,58	66,67	1	40000	NO	1,05	6
16	-	-	72000	38000	8600	38000	200	350	40,67	58,33	0,7	21437,5	NO	1,29	5
17			115000	35000	8600	35000	253	350	25,65	58,33	0,7	21437,5	NO	1,6	5
18			108000	32000	8600	32000	245	350	24,72	58,33	0,7	21437,5	NO	1,5	5
19			110000	28000	12000	28000	247	350	21,3	58,33	0,7	21437,5	NO	1,46	5
20			65000	28000	12000	28000	190	300	34,67	50	0,7	15750	NO	1,52	4
21			40000	25000	13000	25000	149	300	44,84	50	0,7	15750	NO	1,18	4
22			67000	35000	13000	35000	193	300	42,3	50	0,7	15750	NO	1,7	4
23			64000	32000	13000	32000	189	300	40,13	50	0,7	15750	NO	1,6	4
24			65000	28000	13000	28000	190	300	34,67	50	0,7	15750	NO	1,52	4
25			40000	25000	13000	25000	149	300	44,84	50	0,7	15750	NO	1,18	4

STRUTTURA 4 – OFFICINA

LEGENDA | INPUT | Valore Corretto | Valore non ammissibile

NODO	Rx [kg]	Ry [kg]	Rz [kg]	Mx [kgm]	My [kgm]	M max [kgm]	B min [cm]	B eff [cm]	e [cm]	e max [cm]	H PLINTO [m]	P.P. PLINTO [kg]	PARZIALIZZATO	SIGMA t [kg/cmq]	PLINTO TIPO
1	-	-	60000	30100	40200	40200	183	350	49,36	58,33	0,7	21437,5	NO	1,23	5
2	-	-	109000	30100	40200	40200	246	350	30,82	58,33	0,7	21437,5	NO	1,63	5
3	-	-	109000	30100	40200	40200	246	350	30,82	58,33	0,7	21437,5	NO	1,63	5
4	-	-	60000	30100	40200	40200	183	350	49,36	58,33	0,7	21437,5	NO	1,23	5
5	-	-	102000	30100	40200	40200	238	350	32,57	58,33	0,7	21437,5	NO	1,57	5
6	-	-	194000	30100	40200	40200	328	400	17,18	66,67	1	40000	NO	1,84	6
7	-	-	194000	30100	40200	40200	328	400	17,18	66,67	1	40000	NO	1,84	6
8	-	-	102000	30100	40200	40200	238	350	32,57	58,33	0,7	21437,5	NO	1,57	5
9	-	-	102000	30100	40200	40200	238	350	32,57	58,33	0,7	21437,5	NO	1,57	5
10	-	-	52000	30100	40200	40200	170	350	54,74	58,33	0,7	21437,5	NO	1,16	5
11	-	-	194000	30100	40200	40200	328	400	17,18	66,67	1	40000	NO	1,84	6
12	-	-	102000	30100	40200	40200	238	350	32,57	58,33	0,7	21437,5	NO	1,57	5
13	-	-	60000	30100	40200	40200	183	350	49,36	58,33	0,7	21437,5	NO	1,23	5
14	-	-	109000	30100	40200	40200	246	350	30,82	58,33	0,7	21437,5	NO	1,63	5
15	-	-	109000	30100	40200	40200	246	350	30,82	58,33	0,7	21437,5	NO	1,63	5
16	-	-	60000	30100	40200	40200	183	350	49,36	58,33	0,7	21437,5	NO	1,23	5