CITTÁ METROPOLITANA DI VENEZIA

Settore Viabilità di Quartiere e Locale Terraferma, Energia e Impianti
Servizio Manutenzione e Gestione Viabilità di Quartiere e Locale Terraferma

CITTA' DI VENEZIA

MANUTENZIONE VIABILITÁ DI QUARTIERE TERRAFERMA

- PROGETTO ESECUTIVO C.I. 15189 -

COMMITTENTE	RESPONSABILE UNICO DEL PROGETTO
CITTÀ DI VENEZIA Viale Ancona, 59 30172 Mestre (VE) tel +39 041 274811	dott. Alberto Cesaro

PROGETTISTI

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COLLABORATORI

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Logit engineering

Studio associato ingegneria dei trasporti

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COLLABORATORI

[redacted]

H&A ASSOCIATI

Studio di ingegneria

[redacted]

GIOVANE PROFESSIONISTA

[redacted]

REV	DATA	DESCRIZIONE
00	05.09.2025	

ELABORATO

RELAZIONE DI CALCOLO DELLE STRUTTURE
VIA PADANA

N. 707

DATA	SCALA	CODICE COMMESSA
05.09.2025		CVEPS25 533

CODICE ELABORATO

25.533.707.X.RE.PE.00.RCA_PAD

Relazione di calcolo strutturale impostata e redatta secondo le modalità previste nel D.M. 17 Gennaio 2018 cap. 10 “Redazione dei progetti strutturali esecutivi e delle relazioni di calcolo”.

Origine e Caratteristiche dei Codici di Calcolo	
Codice di calcolo:	PRO_SAP PROfessional Structural Analysis Program
Versione:	PROFESSIONAL (build 2025-05-203)
Produttore- Distributore:	2S.I. Software e Servizi per l’Ingegneria s.r.l. Via Garibaldi, 90 44121 Ferrara FE (Italy) Tel. +39 0532 200091 www.2si.it
Codice Licenza:	Licenza dsi5161

In merito al punto 10.2 delle Norme Tecniche per le Costruzioni (*Affidabilità dei codici utilizzati*), si fa riferimento al **Documento di Affidabilità** “Test di validazione del software di calcolo PRO_SAP e dei moduli aggiuntivi PRO_SAP Modulo Geotecnico, PRO_CAD nodi acciaio e PRO_MST” disponibile per il download sul sito: https://www.2si.it/it/prodotti/affidabilita/

INTESTAZIONE E CONTENUTI DELLA RELAZIONE

PROGETTO

Realizzazione piattafomrma su pali per fermata bus e cordolo/trave su pali per installazione barriere stradali su argine.

Contenuti della relazione:
RELAZIONE DI CALCOLO STRUTTURALE
- *Origine e Caratteristiche dei Codici di Calcolo*
- *Affidabilità dei codici utilizzati*
- *Validazione dei codici*
- *Tipo di analisi svolta*
- *Modalità di presentazione dei risultati*
- *Informazioni generali sull'elaborazione*
- *Giudizio motivato di accettabilità dei risultati*

STAMPA DEI DATI DI INGRESSO
- *Normative prese a riferimento*
- *Criteri adottati per le misure di sicurezza*
- *Criteri seguiti nella schematizzazione della struttura, dei vincoli e delle sconessioni*
- *Interazione tra terreno e struttura*
- *Legami costitutivi adottati per la modellazione dei materiali e dei terreni*
- *Schematizzazione delle azioni, condizioni e combinazioni di carico*
- *Metodologie numeriche utilizzate per l' analisi strutturale*
-*Metodologie numeriche utilizzate per la progettazione e la verifica degli elementi strutturali*

STAMPA DEI RISULTATI

Il Progettista:

RELAZIONE DI CALCOLO STRUTTURALE

PREMESSA

La presente relazione di calcolo strutturale, in conformità al §10.1 del DM 17/01/18, è comprensiva di una descrizione generale dell'opera e dei criteri generali di analisi e verifica. Segue inoltre le indicazioni fornite al §10.2 del DM stesso per quanto concerne analisi e verifiche svolte con l'ausilio di codici di calcolo.

Nella presente parte sono riportati i principali elementi di inquadramento del progetto esecutivo riguardante le strutture, in relazione agli strumenti urbanistici, al progetto architettonico, al progetto delle componenti tecnologiche in generale ed alle prestazioni attese dalla struttura.

DESCRIZIONE GENERALE DELL'OPERA

Descrizione generale dell'opera	
Fabbricato ad uso	Opera infrastrutturale
Ubicazione	Comune di Venezia (VE) (Regione VENETO)
	Longitudine 12.129, Latitudine 45.435
Numero di piani	/
Numero vani scale	/
Numero vani ascensore	/
Tipo di fondazione	pali

Parametri della struttura			
Classe d'uso	Vita Vn [anni]	Coeff. Uso	Periodo Vr [anni]
III	50.0	1.5	75.0

Fattore di struttura/comportamento
1.5

QUADRO NORMATIVO DI RIFERIMENTO ADOTTATO

Le norme ed i documenti assunti quale riferimento per la progettazione strutturale vengono indicati di seguito.

Nel capitolo "normativa di riferimento" è comunque presente l'elenco completo delle normative disponibili.

Progetto-verifica degli elementi	
Progetto cemento armato	D.M. 17-01-2018
Progetto acciaio	D.M. 17-01-2018
Progetto legno	D.M. 17-01-2018
Progetto muratura	D.M. 17-01-2018
Azione sismica	
Norma applicata per l' azione sismica	D.M. 17-01-2018

AZIONI DI PROGETTO SULLA COSTRUZIONE

Nei capitoli "modellazione delle azioni" e "schematizzazione dei casi di carico" sono indicate le azioni sulla costruzioni.

Nel prosieguo si indicano tipo di analisi strutturale condotta (statico,dinamico, lineare o non lineare) e il metodo adottato per la risoluzione del problema strutturale nonché le metodologie seguite per la verifica o per il progetto-verifica delle sezioni. Si riportano le combinazioni di carico adottate e, nel caso di calcoli non lineari, i percorsi di carico seguiti; le configurazioni studiate per la struttura in esame *sono risultate effettivamente esaustive per la progettazione-verifica.*

La verifica della sicurezza degli elementi strutturali avviene con i metodi della scienza delle costruzioni. L'analisi strutturale è condotta con il metodo degli spostamenti per la valutazione dello stato tensodeformativo indotto da carichi statici. L'analisi strutturale è condotta con il metodo dell'analisi modale e dello spettro di risposta in termini di accelerazione per la valutazione dello stato tensodeformativo indotto da carichi dinamici (tra cui quelli di tipo sismico).

L'analisi strutturale viene effettuata con il metodo degli elementi finiti. Il metodo sopraindicato si basa sulla schematizzazione della struttura in elementi connessi solo in corrispondenza di un numero prefissato di punti denominati nodi. I nodi sono definiti dalle tre coordinate cartesiane in un sistema di riferimento globale. Le incognite del problema (nell'ambito del metodo degli spostamenti) sono le componenti di spostamento dei nodi riferite al sistema di riferimento globale (traslazioni secondo X, Y, Z, rotazioni attorno X, Y, Z). La soluzione del problema si ottiene con un sistema di equazioni algebriche lineari i cui termini noti sono costituiti dai carichi agenti sulla struttura opportunamente concentrati ai nodi:

K * u = F dove **K** = matrice di rigidezza

u = vettore spostamenti nodali

F = vettore forze nodali

Dagli spostamenti ottenuti con la risoluzione del sistema vengono quindi dedotte le sollecitazioni e/o le tensioni di ogni elemento, riferite generalmente ad una terna locale all'elemento stesso.

Il sistema di riferimento utilizzato è costituito da una terna cartesiana destrorsa XYZ. Si assume l'asse Z verticale ed orientato verso l'alto.

Gli elementi utilizzati per la modellazione dello schema statico della struttura sono i seguenti:

Elemento tipo ***TRUSS*** (biella-D2)

Elemento tipo ***BEAM*** (trave-D2)

Elemento tipo ***MEMBRANE*** (membrana-D3)

Elemento tipo ***PLATE*** (piastra-guscio-D3)

Elemento tipo ***BOUNDARY*** (molla)

Elemento tipo ***STIFFNESS*** (matrice di rigidezza)

Elemento tipo ***BRICK*** (elemento solido)

Elemento tipo ***SOLAIO*** (macro elemento composto da più membrane)

MODELLO NUMERICO

In questa parte viene descritto il modello numerico utilizzato (o i modelli numerici utilizzati) per l'analisi della struttura. La presentazione delle informazioni deve essere, coerentemente con le prescrizioni del paragrafo 10.2 e relativi sottoparagrafi delle NTC-18, tale da garantirne la leggibilità, la corretta interpretazione e la riproducibilità

Tipo di analisi strutturale	
Sismica statica lineare	NO
Sismica dinamica lineare	NO
Sismica statica non lineare (prop. masse)	NO
Sismica statica non lineare (prop. modo)	NO
Sismica statica non lineare (triangolare)	NO
Non linearità geometriche (fattore P delta)	NO
Analisi lineare	SI

Di seguito si indicano l'origine e le caratteristiche dei codici di calcolo utilizzati riportando titolo, produttore e distributore, versione, estremi della licenza d'uso:

Informazioni sul codice di calcolo	
Titolo:	PRO_SAP PROfessional Structural Analysis Program
Versione:	PROFESSIONAL (build 2025-05-203)
Produttore-Distributore:	2S.I. Software e Servizi per l'Ingegneria s.r.l., Ferrara
Dati utente finale:	Antonio Pantuso
Codice Utente:	cli
Codice Licenza:	Licenza dsi5161

Un attento esame preliminare della documentazione a corredo del software ***ha consentito di valutarne l'affidabilità e soprattutto l'idoneità al caso specifico***. La documentazione, fornita dal produttore e distributore del software, contiene una esauriente descrizione delle basi teoriche e degli algoritmi impiegati, l'individuazione dei campi d'impiego, nonché casi prova interamente risolti e commentati, corredati dei file di input necessari a riprodurre l'elaborazione:

Affidabilità dei codici utilizzati
2S.I. ha verificato l'affidabilità e la robustezza del codice di calcolo attraverso un numero significativo di casi prova in cui i risultati dell'analisi numerica sono stati confrontati con soluzioni teoriche.

E' possibile reperire la documentazione contenente alcuni dei più significativi casi trattati al seguente link: https://www.2si.it/it/prodotti/affidabilita/

Modellazione della geometria e proprietà meccaniche:	
nodi	110
elementi D2 (per aste, travi, pilastri…)	190
elementi D3 (per pareti, platee, gusci…)	0
elementi solaio	24
elementi solidi	0
Dimensione del modello strutturale [cm]:	
X min =	-2000.00
Xmax =	1000.00
Ymin =	0.00
Ymax =	505.00
Zmin =	0.00
Zmax =	150.00
Strutture verticali:	
Elementi di tipo asta	NO
Pilastri	SI
Pareti	NO
Setti (a comportamento membranale)	NO
Strutture non verticali:	
Elementi di tipo asta	NO
Travi	SI
Gusci	NO
Membrane	NO
Orizzontamenti:	
Solai con la proprietà piano rigido	NO
Solai senza la proprietà piano rigido	SI
Tipo di vincoli:	
Nodi vincolati rigidamente	NO
Nodi vincolati elasticamente	NO
Nodi con isolatori sismici	NO
Fondazioni puntuali (plinti/plinti su palo)	SI

Fondazioni di tipo trave	SI
Fondazioni di tipo platea	NO
Fondazioni con elementi solidi	NO

MODELLAZIONE DELLE AZIONI

Si veda il capitolo **"Schematizzazione dei casi di carico"** per le informazioni necessarie alla comprensione ed alla ricostruzione delle azioni applicate al modello numerico, coerentemente con quanto indicato nella parte "*2.6. Azioni di progetto sulla costruzione*".

COMBINAZIONI E/O PERCORSI DI CARICO

Si veda il capitolo **"Definizione delle combinazioni"** in cui sono indicate le combinazioni di carico adottate e, nel caso di calcoli non lineari, i percorsi di carico seguiti.

Combinazioni dei casi di carico	
APPROCCIO PROGETTUALE	Approccio 2
SLU	SI
SLV (SLU con sisma)	NO
SLC	NO
SLD	NO
SLO	NO
SLU GEO A2 (per approccio 1)	NO
SLU EQU	NO
Combinazione caratteristica (rara)	SI
Combinazione frequente	SI
Combinazione quasi permanente (SLE)	SI
SLA (accidentale quale incendio)	NO

Principali risultati

I risultati devono costituire una sintesi completa ed efficace, presentata in modo da riassumere il comportamento della struttura, per ogni tipo di analisi svolta.

Nella presente relazione di calcolo sono riportati i seguenti risultati che il progettista ritiene di interesse per la descrizione e la compresione del/i modello/i e del comportamento della struttura:

per l'analisi modale:

- periodi dei modi di vibrare della struttura
- masse eccitate dai singoli modi
- massa eccitata totale

deformate e sollecitazioni:

- spostamenti e rotazioni dei singoli nodi della struttura
- reazioni vincolari (nel caso siano presenti nodi vincolati rigidamente)
- pressioni sul terreno (nel caso siano presenti elementi di fondazione)
- sollecitazioni sugli elementi d2 nelle combinazioni di calcolo più significative
- tensioni sugli elementi d3 nelle combinazioni di calcolo più significative
- sollecitazioni sui macroelementi da elementi d3 nelle combinazioni di calcolo più significative

La presente relazione, oltre ad illustrare in modo esaustivo i dati in ingresso ed i risultati delle analisi in forma tabellare, riporta una serie di immagini:

per i dati in ingresso:

- modello solido della struttura
- numerazione di nodi e ed elementi
- configurazioni di carico statiche
- configurazioni di carico sismiche con baricentri delle masse e eccentricità

per le combinazioni più significative (statisticamente più gravose per la struttura):

- configurazioni deformate
- diagrammi e inviluppi delle azioni interne
- mappe delle tensioni
- reazioni vincolari
- mappe delle pressioni sul terreno

per il progetto-verifica degli elementi:

- diagrammi di armatura
- percentuali di sfruttamento
- mappe delle verifiche più significative per i vari stati limite

Informazioni generali sull'elaborazione e giudizio motivato di accettabilità dei risultati.

Il programma prevede una serie di controlli automatici (check) che consentono l'individuazione di errori di modellazione. Al termine dell'analisi un controllo automatico identifica la presenza di spostamenti o rotazioni abnormi. Si può pertanto asserire che l' elaborazione sia corretta e completa. I risultati delle elaborazioni sono stati sottoposti a controlli che ne comprovano l'attendibilità. Tale valutazione ha compreso il confronto con i risultati di semplici calcoli, eseguiti con metodi tradizionali e adottati, anche in fase di primo proporzionamento della struttura. Inoltre, sulla base di considerazioni riguardanti gli stati tensionali e deformativi determinati, si è valutata la validità delle scelte operate in sede di schematizzazione e di modellazione della struttura e delle azioni. Si allega al termine della presente relazione elenco sintetico dei controlli svolti (verifiche di equilibrio tra reazioni vincolari e carichi applicati, comparazioni tra i risultati delle analisi e quelli di valutazioni semplificate, etc.) .

VERIFICHE AGLI STATI LIMITE ULTIMI

Nel capitolo relativo alla progettazione degli elementi strutturali agli SLU vengono indicate, con riferimento alla normativa adottata, le modalità ed i criteri seguiti per valutare la sicurezza della struttura nei confronti delle possibili situazioni di crisi ed i risultati delle valutazioni svolte. In via generale, oltre alle verifiche di resistenza e di spostamento, devono essere prese in considerazione verifiche nei confronti dei fenomeni di instabilità, locale e globale, di fatica, di duttilità, di degrado.

VERIFICHE AGLI STATI LIMITE DI ESERCIZIO

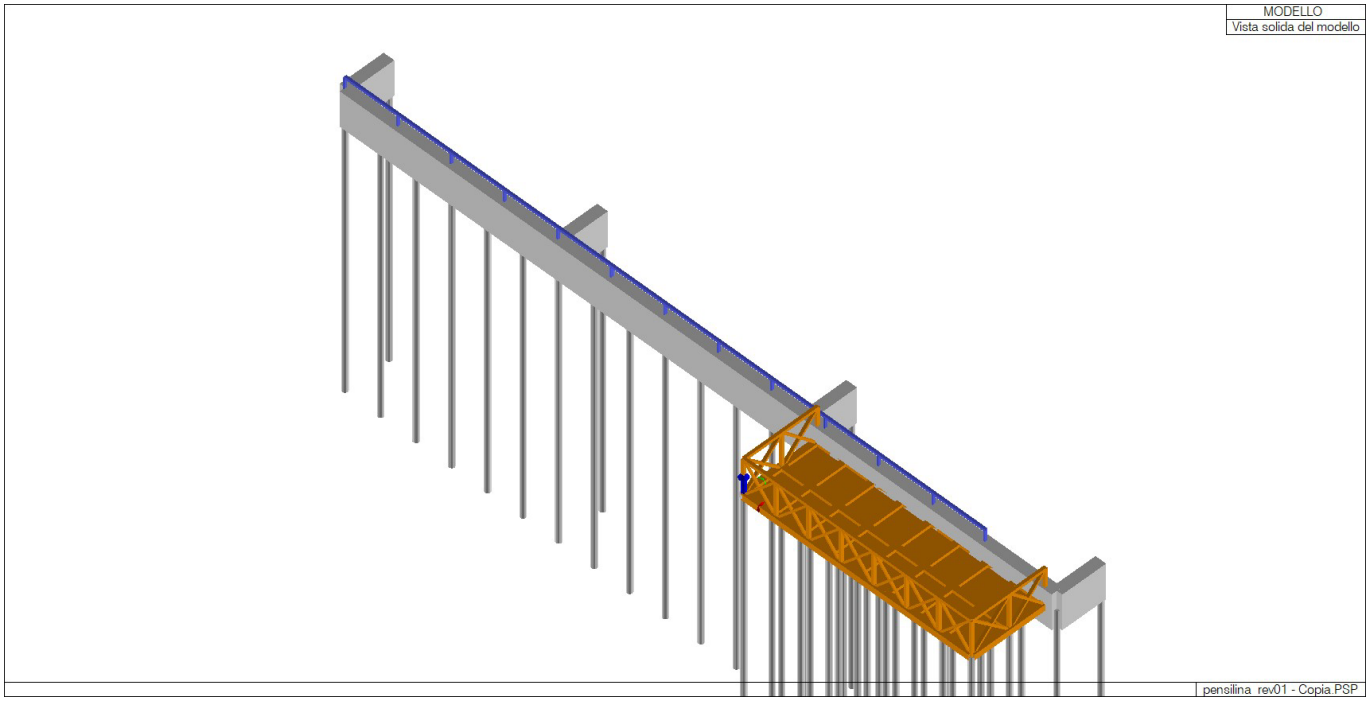
Nel capitolo relativo alla progettazione degli elementi strutturali agli SLE vengono indicate, con riferimento alla normativa adottata, le modalità seguite per valutare l'affidabilità della struttura nei confronti delle possibili situazioni di perdita di funzionalità (per eccessive deformazioni, fessurazioni, vibrazioni, etc.) ed i risultati delle valutazioni svolte.

NORMATIVA DI RIFERIMENTO

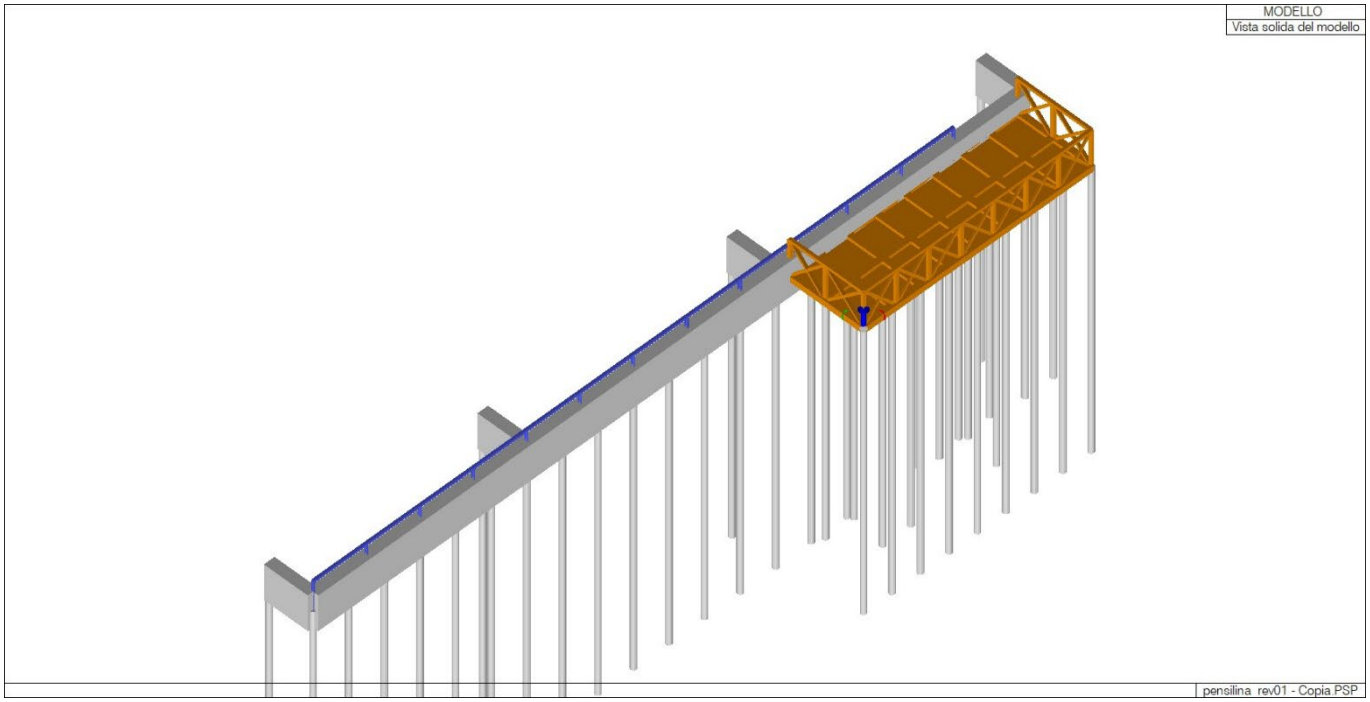
1. D.Min. Infrastrutture Min. Interni e Prot. Civile 17 Gennaio 2018 e allegate "Norme tecniche per le costruzioni".
2. Circolare 21/01/19, n. 7 C.S.LL.PP "Istruzioni per l'applicazione dell'aggiornamento delle Norme Tecniche delle Costruzioni di cui al decreto ministeriale 17 gennaio 2018"
3. D.Min. Infrastrutture e trasporti 14 Settembre 2005 e allegate "Norme tecniche per le costruzioni".
4. D.M. LL.PP. 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".
5. D.M. LL.PP. 16 Gennaio 1996 "Norme tecniche relative ai <<Criteri generali per la verifica di sicurezza delle costruzioni e dei carichi e sovraccarichi>>".
6. D.M. LL.PP. 16 Gennaio 1996 "Norme tecniche per le costruzioni in zone sismiche".
7. Circolare 4/07/96, n.156AA.GG./STC. istruzioni per l'applicazione delle "Norme tecniche relative ai <<Criteri generali per la verifica di sicurezza delle costruzioni e dei carichi e sovraccarichi>>" di cui al D.M. 16/01/96.
8. Circolare 10/04/97, n.65AA.GG. istruzioni per l'applicazione delle "Norme tecniche per le costruzioni in zone sismiche" di cui al D.M. 16/01/96.
9. D.M. LL.PP. 20 Novembre 1987 "Norme tecniche per la progettazione, esecuzione e collaudo degli edifici in muratura e per il loro consolidamento".
10. Circolare 4 Gennaio 1989 n. 30787 "Istruzioni in merito alle norme tecniche per la progettazione, esecuzione e collaudo degli edifici in muratura e per il loro consolidamento".
11. D.M. LL.PP. 11 Marzo 1988 "Norme tecniche riguardanti le indagini sui terreni e sulle rocce, la stabilità dei pendii naturali e delle scarpate, i criteri generali e le prescrizioni per la progettazione, l'esecuzione e il collaudo delle opere di sostegno delle terre e delle opere di fondazione".
12. D.M. LL.PP. 3 Dicembre 1987 "Norme tecniche per la progettazione, esecuzione e collaudo delle costruzioni prefabbricate".
13. UNI 9502 - Procedimento analitico per valutare la resistenza al fuoco degli elementi costruttivi di conglomerato cementizio armato, normale e precompresso - edizione maggio 2001
14. Ordinanza del Presidente del Consiglio dei Ministri 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" e successive modificazioni e integrazioni.
15. UNI EN 1990:2006 13/04/2006 Eurocodice 0 - Criteri generali di progettazione strutturale.
16. UNI EN 1991-1-1:2004 01/08/2004 Eurocodice 1 - Azioni sulle strutture - Parte 1-1: Azioni in generale - Pesi per unità di volume, pesi propri e sovraccarichi per gli edifici.
17. UNI EN 1991-2:2005 01/03/2005 Eurocodice 1 - Azioni sulle strutture - Parte 2: Carichi da traffico sui ponti.
18. UNI EN 1991-1-3:2004 01/10/2004 Eurocodice 1 - Azioni sulle strutture - Parte 1-3: Azioni in generale - Carichi da neve.
19. UNI EN 1991-1-4:2005 01/07/2005 Eurocodice 1 - Azioni sulle strutture - Parte 1-4: Azioni in generale - Azioni del vento.
20. UNI EN 1991-1-5:2004 01/10/2004 Eurocodice 1 - Azioni sulle strutture - Parte 1-5: Azioni in generale - Azioni termiche.
21. UNI EN 1992-1-1:2005 24/11/2005 Eurocodice 2 - Progettazione delle strutture di calcestruzzo - Parte 1-1: Regole generali e regole per gli edifici.
22. UNI EN 1992-1-2:2005 01/04/2005 Eurocodice 2 - Progettazione delle strutture di calcestruzzo - Parte 1-2: Regole generali - Progettazione strutturale contro l'incendio.
23. UNI EN 1993-1-1:2005 01/08/2005 Eurocodice 3 - Progettazione delle strutture di acciaio - Parte 1-1: Regole generali e regole per gli edifici.
24. UNI EN 1993-1-8:2005 01/08/2005 Eurocodice 3 - Progettazione delle strutture di acciaio - Parte 1-8: Progettazione dei collegamenti.
25. UNI EN 1994-1-1:2005 01/03/2005 Eurocodice 4 - Progettazione delle strutture composte acciaio-calcestruzzo - Parte 1-1: Regole generali e regole per gli edifici.
26. UNI EN 1994-2:2006 12/01/2006 Eurocodice 4 - Progettazione delle strutture composte acciaio-calcestruzzo - Parte 2: Regole generali e regole per i ponti.
27. UNI EN 1995-1-1:2005 01/02/2005 Eurocodice 5 - Progettazione delle strutture di legno - Parte 1-1: Regole generali – Regole comuni e regole per gli edifici.
28. UNI EN 1995-2:2005 01/01/2005 Eurocodice 5 - Progettazione delle strutture di legno - Parte 2: Ponti.

29. UNI EN 1996-1-1:2006 26/01/2006 Eurocodice 6 - Progettazione delle strutture di muratura - Parte 1-1: Regole generali per strutture di muratura armata e non armata.
30. UNI EN 1996-3:2006 09/03/2006 Eurocodice 6 - Progettazione delle strutture di muratura - Parte 3: Metodi di calcolo semplificato per strutture di muratura non armata.
31. UNI EN 1997-1:2005 01/02/2005 Eurocodice 7 - Progettazione geotecnica - Parte 1: Regole generali.
32. UNI EN 1998-1:2005 01/03/2005 Eurocodice 8 - Progettazione delle strutture per la resistenza sismica - Parte 1: Regole generali, azioni sismiche e regole per gli edifici.
33. UNI EN 1998-3:2005 01/08/2005 Eurocodice 8 - Progettazione delle strutture per la resistenza sismica - Parte 3: Valutazione e adeguamento degli edifici.
34. UNI EN 1998-5:2005 01/01/2005 Eurocodice 8 - Progettazione delle strutture per la resistenza sismica - Parte 5: Fondazioni, strutture di contenimento ed aspetti geotecnici.
35. CNR DT-200/2013 - Istruzioni per la Progettazione, l'Esecuzione ed il Controllo di Interventi di Consolidamento Statico mediante l'utilizzo di Compositi Fibrorinforzat
36. CNR DT-215/2018 - Istruzioni per la Progettazione, l'Esecuzione ed il Controllo di Interventi di Consolidamento Statico mediante l'utilizzo di Compositi Fibrorinforzati a Matrice Inorganica

NOTA: il presente capitolo riporta l'elenco delle normative implementate nel software. Le norme utilizzate per la struttura oggetto della presente relazione sono indicate nel precedente capitolo "RELAZIONE DI CALCOLO STRUTTURALE" "ANALISI E VERIFICHE SVOLTE CON L'AUSILIO DI CODICI DI CALCOLO".
Laddove nei capitoli successivi vengano richiamate normative antecedenti al DM 17.01.18 è dovuto alla progettazione simulata di edifico esistente.



01_INT_VISTA_SOLIDA_001



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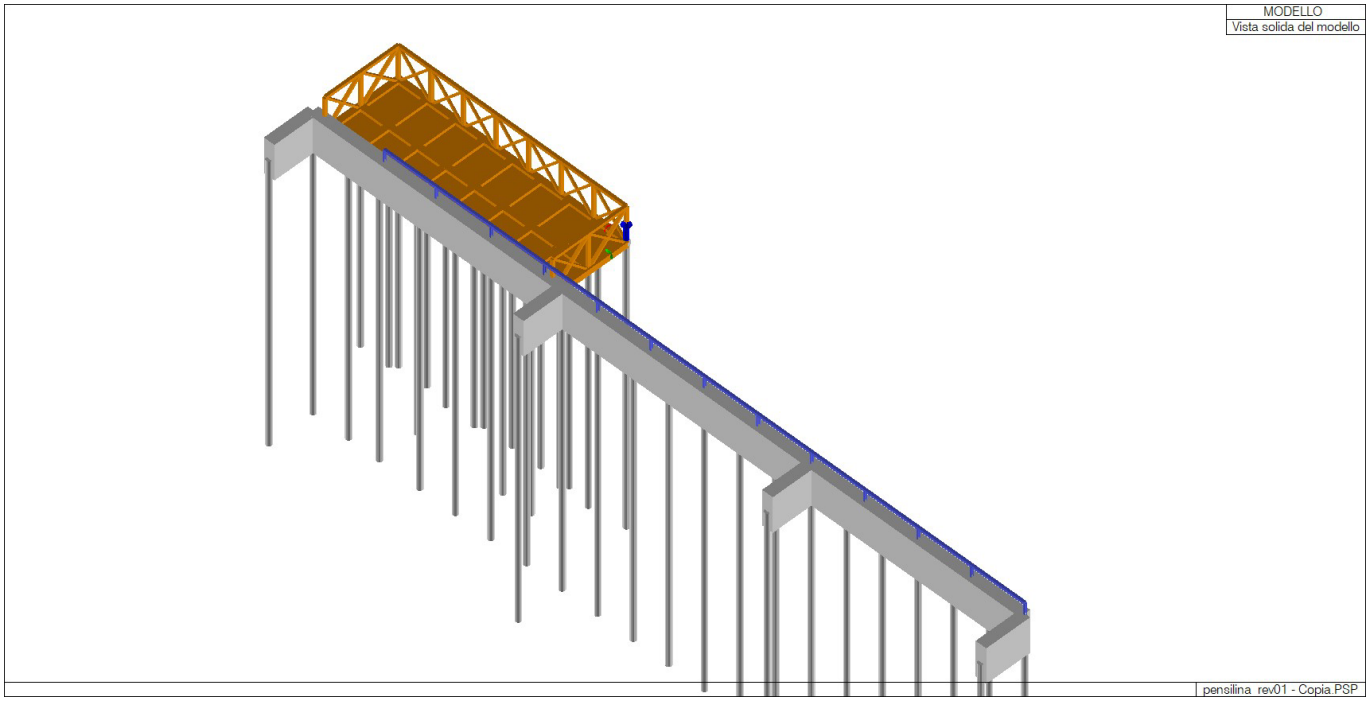

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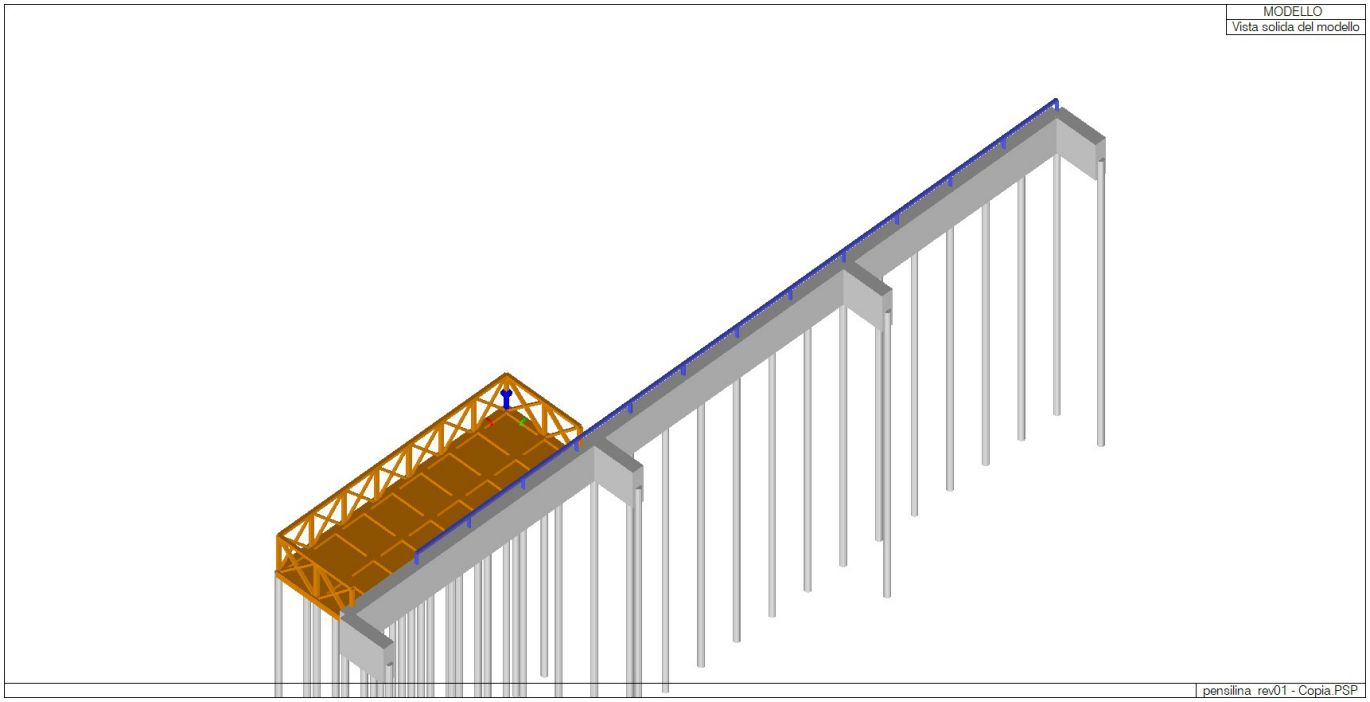


01_INT_VISTA_SOLIDA_004

CARATTERISTICHE MATERIALI UTILIZZATI

LEGENDA TABELLA DATI MATERIALI

Il programma consente l'uso di materiali diversi. Sono previsti i seguenti tipi di materiale:

1	materiale tipo c.a.
2	materiale tipo acciaio
3	materiale tipo muratura
4	materiale tipo legno
5	materiale tipo generico

I materiali utilizzati nella modellazione sono individuati da una sigla identificativa nella quale viene indicato se la tipologia è <NUOVO> o <ESISTENTE>. Per ogni materiale è presente un codice numerico **Id** (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). I seguenti dati sono comuni a tutte le tipologie di materiali:

Modulo E	Modulo di elasticità normale E
Poisson	Coefficiente di contrazione trasversale ni
Modulo G	Modulo di elasticità tangenziale
Gamma	Peso specifico
Alfa	Coefficiente di dilatazione termica
Fattore di confidenza FC m	Fattore di confidenza specifico per materiale (solo per materiali esistenti)
Fattore di confidenza FC a	Fattore di confidenza specifico per l'armatura (solo per materiali esistenti)
Elasto-plastico	Materiale elastico perfettamente plastico per aste non lineari
Massima compressione	Massima tensione di compressione per aste non lineari
Massima trazione	Massima tensione di trazione per aste non lineari
Fattore attrito	Coefficiente di attrito per aste non lineari
Rapporto HRDb	Rapporto di hardening a flessione
Rapporto HRDv	Rapporto di hardening a taglio

I dati soprariportati vengono utilizzati per la modellazione dello schema statico e per la determinazione dei carichi inerziali e termici. In relazione al tipo di materiale vengono riportati inoltre:

C.A.	Resistenza Rc	Resistenza a compressione cubica
	Resistenza fctm	Resistenza media a trazione semplice
	Rapporto Rfess (assiale)	Fattore riduttivo per la rigidezza fessurata assiale in analisi sismica
	Rapporto Rfess (flessione)	Fattore riduttivo per la rigidezza fessurata flessionale in analisi sismica
	Rapporto Rfess (taglio)	Fattore riduttivo per la rigidezza fessurata tagliante in analisi sismica
	Coefficiente ksb	Coefficiente di riduzione della resistenza a compressione da utilizzare nello stress-block

Acciaio	Tensione ft	Valore della tensione di rottura
	Tensione fy	Valore della tensione di snervamento
	Resistenza fd	Resistenza di calcolo per SL CNR-UNI 10011
	Resistenza fd (>40)	Resistenza di calcolo per SL CNR-UNI 10011 per spessori > 40mm

	Tensione ammissibile	Tensione ammissibile CNR-UNI 10011
	Tensione ammissibile (>40)	Tensione ammissibile CNR-UNI 10011 per spessori > 40mm

Muratura	Muratura consolidata	Muratura esistente per la quale si prevedono interventi di rinforzo tramite fattori correttivi (Tabella C.8.5.II circolare 21/01/2019)
	Incremento resistenza (f)	Incremento conseguito in termini di resistenza a compressione
	Incremento rigidezza (v)	Incremento conseguito in termini di resistenza a taglio
	Incremento rigidezza	Incremento conseguito in termini di rigidezza
	Resistenza f	Valore della resistenza a compressione
	Resistenza fh	Valore della resistenza a compressione orizzontale
	Resistenza fv0	Valore della resistenza a taglio in assenza di tensioni normali
	Resistenza fv0h	Valore della resistenza a taglio in assenza di tensioni normali (per elementi trave)
	Resistenza tau0	Valore della resistenza a taglio per fessurazione diagonale
	Resistenza fvlim	Valore della massima resistenza a taglio
	Resistenza fb	Valore della resistenza a compressione dei blocchi
	Resistenza fbh	Valore della resistenza a compressione dei blocchi in direzione orizzontale
	Resistenza fbt	Valore della resistenza a trazione dei blocchi
	Rapporto Rfess (assiale)	Fattore riduttivo per la rigidezza fessurata assiale in analisi sismica
	Rapporto Rfess (flessione)	Fattore riduttivo per la rigidezza fessurata flessionale in analisi sismica
	Rapporto Rfess (taglio)	Fattore riduttivo per la rigidezza fessurata tagliante in analisi sismica
	Coefficiente ksb	Coefficiente di riduzione della resistenza a compressione da utilizzare nello stress-block
	Coefficiente mu tilda	Coefficiente d'attrito equivalente utilizzato per la resistenza a taglio
	Coefficiente fi	Coefficiente d'ingranamento utilizzato per la resistenza a taglio

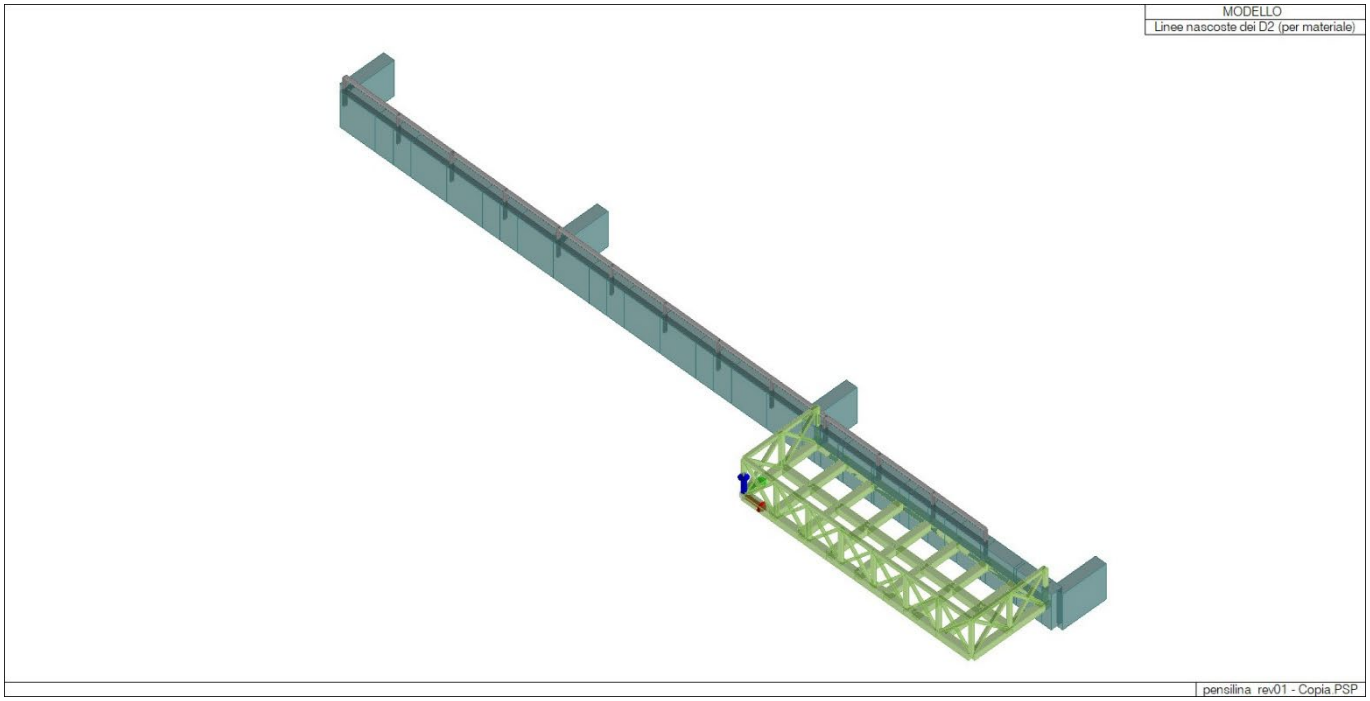
Legno	Modulo E0,05	Modulo elastico parallelo
	Lamellare	Indica se il legno è di tipo lamellare o massiccio
	Resistenza fc0	Valore della resistenza a compressione parallela
	Resistenza ft0	Valore della resistenza a trazione parallela
	Resistenza fm	Valore della resistenza a flessione
	Resistenza fv	Valore della resistenza a taglio
	Incremento dinamico	Fattore moltiplicativo dei moduli elastici per analisi sismiche

Nel tabulato si riportano sia i valori caratteristici che medi utilizzando gli uni e/o gli altri in relazione alle richieste di normativa ed alla tipologia di verifica. (Cap.7 NTC18 per materiali nuovi, Cap.8 NTC18 e relativa circolare 21/01/2019 per materiali esistenti, Linee Guida Reluis per incamiciatura CAM, CNR-DT 200 per interventi con FRP)

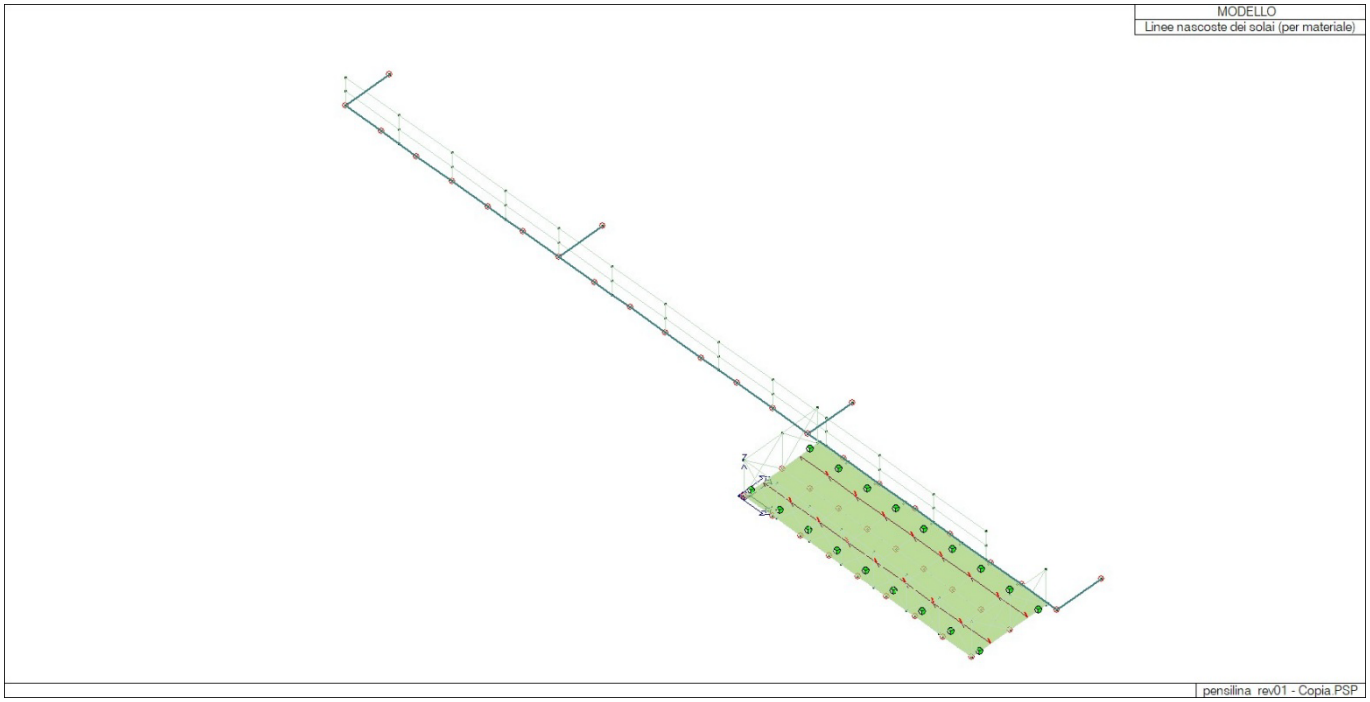
Vengono inoltre riportate le tabelle contenenti il riassunto delle informazioni assegnate nei criteri di progetto in uso.

Id	Tipo / Note	V. caratt.	V. medio	Young	Poisson	G	Gamma	Alfa	Altri
		daN/cm2	daN/cm2	daN/cm2		daN/cm2	daN/cm3		
3	Concrete Class C28/35			3.259e+05	0.20	1.358e+05	2.50e-03	1.00e-05	
	Resistenza Rc	350.0							
	Resistenza fctm		28.4						
	Rapporto Rfessurata (assiale)								1.00
	Rapporto Rfessurata (flessione)								1.00
	Rapporto Rfessurata (taglio)								1.00

Id	Tipo / Note	V. caratt.	V. medio	Young	Poisson	G	Gamma	Alfa	Altri
	Coefficiente ksb								0.85
	Rapporto HRDb								1.00e-05
	Rapporto HRDv								1.00e-05
12	Steel S275 - Fe430			2.100e+06	0.30	8.077e+05	7.85e-03	1.20e-05	
	Tensione ft	4300.0							
	Tensione fy	2750.0							
	Resistenza fd	2750.0							
	Resistenza fd (>40)	2500.0							
	Tensione ammissibile	1900.0							
	Tensione ammissibile (>40)	1700.0							
	Rapporto HRDb								1.00e-05
	Rapporto HRDv								1.00e-05
132	Solid Timber C24			1.100e+05	0.0	6900.0	4.20e-04	1.00e-05	
	Modulo E0,05			7.400e+04					
	Lamellare : NO								
	Resistenza fc0	210.0							
	Resistenza ft0	145.0							
	Resistenza fm	240.0							
	Resistenza fv	40.0							
	Incremento dinamico								1.00
	Rapporto HRDb								1.00e-05
	Rapporto HRDv								1.00e-05



11_MOD_MATERIALI_D2



11_MOD_MATERIALI_SOLAI

Pilastri acc.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Lunghezze libere						
Metodo di calcolo 2-2	Assegnato	Assegnato				
2-2 Beta assegnato	2.00	2.00				
2-2 Beta * L assegnato [cm]	0.0	0.0				
Metodo di calcolo 3-3	Assegnato	Assegnato				
3-3 Beta assegnato	2.00	2.00				
3-3 Beta * L assegnato [cm]	0.0	0.0				
1-1 Beta assegnato	1.00	1.00				
1-1 Beta * L assegnato [cm]	0.0	0.0				
Generalità						
Coefficiente gamma M0	1.05	1.05				
Coefficiente gamma M1	1.05	1.05				
Coefficiente gamma M2	1.25	1.25				
Effetti del 2 ordine	SI	SI				
Momenti equivalenti	SI	SI				
Usa condizioni I e II	SI	SI				

Travi acc.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Lunghezze libere						
3-3 Beta * L automatico	SI	SI				
3-3 Beta assegnato	1.00	1.00				
3-3 Beta assegnato [cm]	0.0	0.0				
2-2 Beta * L automatico	SI	SI				
2-2 Beta assegnato	1.00	1.00				
2-2 Beta * L assegnato [cm]	0.0	0.0				
1-1 Beta * L automatico	SI	SI				
1-1 Beta assegnato	1.00	1.00				
1-1 Beta * L assegnato [cm]	0.0	0.0				
Generalità						
Coefficiente gamma M0	1.05	1.05				
Coefficiente gamma M1	1.05	1.05				
Coefficiente gamma M2	1.25	1.25				
Luce di taglio per GR [cm]	1.00	1.00				
Usa condizioni I e II	SI	SI				

Travi acc.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Momenti equivalenti	SI	SI				

Travi c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Generalità						
Progetta a filo	NO	NO				
Af inf: da q*L*L /	0.0	0.0				
Armatura						
Minima tesa	0.31	0.20				
Minima compressa	0.31	0.20				
Massima tesa	0.78	4.00				
Da sezione	SI	SI				
Usa armatura teorica	NO	NO				
Stati limite ultimi						
Tensione fy [daN/cm2]	4500.00	4500.00				
Tensione fy staffe [daN/cm2]	4500.00	4500.00				
Tipo acciaio	tipo C	tipo C				
Coefficiente gamma s	1.15	1.15				
Coefficiente gamma c	1.50	1.50				
Verifiche con N costante	SI	SI				
Fattore di ridistribuzione	0.0	0.0				
Modello per il confinamento						
Relazione tensio-deformativa	Mander	Mander				
Incrudimento acciaio	5.000e-03	5.000e-03				
Fattore lambda	1.00	1.00				
epsilon max,s	4.000e-02	4.000e-02				
epsilon cu2	4.500e-03	4.500e-03				
epsilon c2	0.0	0.0				
epsilon cy	0.0	0.0				
Tensioni ammissibili						
Tensione amm. cls [daN/cm2]	97.50	97.50				
Tensione amm. acciaio [daN/cm2]	2600.00	2600.00				
Rapporto omogeneizzazione N	15.00	15.00				
Massimo rapporto area compressa/tesa	1.00	1.00				
Staffe						
Diametro staffe	0.0	0.0				
Passo minimo [cm]	4.00	4.00				
Passo massimo [cm]	30.00	30.00				
Passo raffittito [cm]	15.00	15.00				
Lunghezza zona raffittita [cm]	50.00	50.00				
Ctg(Teta) Max	2.50	2.50				
Percentuale sagomati	0.0	0.0				
Luce di taglio per GR [cm]	1.00	1.00				
Adotta scorrimento medio	NO	NO				
Torsione non essenziale inclusa	SI	SI				

Legno	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Lunghezze libere						
aste						
Beta assegnato	0.80	0.80				
travi						
3-3 Beta * L automatico	SI	SI				
3-3 Beta assegnato	1.00	1.00				
3-3 Beta * L assegnato [cm]	0.0	0.0				
2-2 Beta * L automatico	SI	SI				
2-2 Beta assegnato	1.00	1.00				
2-2 Beta * L assegnato [cm]	0.0	0.0				
1-1 Beta * L automatico	SI	SI				
1-1 Beta assegnato	1.00	1.00				
1-1 Beta * L assegnato [cm]	0.0	0.0				
pilastri						
Metodo di calcolo 3-3	Assegnato	Assegnato				

Legno	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
3-3 Beta assegnato	2.00	2.00				
3-3 Beta * L assegnato [cm]	0.0	0.0				
Metodo di calcolo 2-2	Assegnato	Assegnato				
2-2 Beta assegnato	2.00	2.00				
2-2 Beta * L assegnato [cm]	0.0	0.0				
1-1 Beta assegnato	1.00	1.00				
1-1 Beta * L assegnato [cm]	0.0	0.0				
Generalità						
Gamma non sismico	1.50	1.50				
Gamma sismico	1.50	1.50				
Classificazione						
Classe di servizio	2 (media umidità)	2 (media umidità)				
Per classe di servizio 1						
Kmod permanente	0.60	0.60				
Kmod lunga	0.70	0.70				
Kmod media	0.80	0.80				
Kmod breve	0.90	0.90				
Kmod istantanea	1.10	1.10				
Kdef	0.60	0.60				
Per classe di servizio 2						
Kmod permanente	0.60	0.60				
Kmod lunga	0.70	0.70				
Kmod media	0.80	0.80				
Kmod breve	0.90	0.90				
Kmod istantanea	1.10	1.10				
Kdef	0.80	0.80				
Per classe di servizio 3						
Kmod permanente	0.50	0.50				
Kmod lunga	0.55	0.55				
Kmod media	0.65	0.65				
Kmod breve	0.70	0.70				
Kmod istantanea	0.90	0.90				
Kdef	2.00	2.00				

XLAM	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Generalità						
L direzione 1 [*] [cm]	1.00	1.00				
L direzione 2 [cm]	0.0	0.0				
Verifica V da D.38	NO	NO				
Verifica M da M.5-45	NO	NO				
Media valori elementi	SI	SI				
Connessioni pareti						
rvpk [daN/cm]	50.00	50.00				
rvtk [daN/cm]	50.00	50.00				
rvlk [daN/cm]	50.00	50.00				
RHk [daN]	5000.00	5000.00				
dH [cm]	25.00	25.00				
fcH90k [daN/cm2]	20.00	20.00				
Pannelli solaio						
f ist<L/	500.00	500.00				
f inf<L/	350.00	350.00				
Verifica vibrazioni (EC5 7.3)	NO	NO				
E massetto collaborante [daN/cm2]	200000.00	200000.00				
t massetto collaborante [cm]	4.00	4.00				
Smorzamento percentuale	0.0	0.0				
Resistenza al fuoco						
Spessore carbonizzazione [cm]	0.0	0.0				
3- intradosso	NO	NO				
3+ estradosso	NO	NO				

MODELLAZIONE DELLE SEZIONI

LEGENDA TABELLA DATI SEZIONI

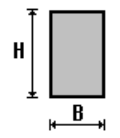
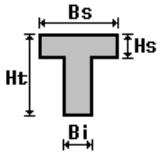
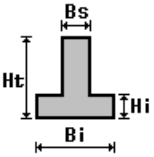
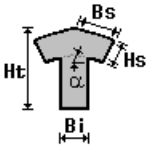
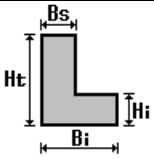
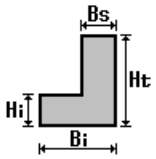
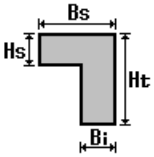
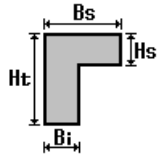
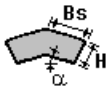
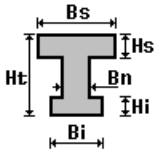
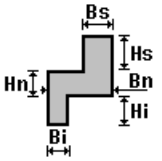
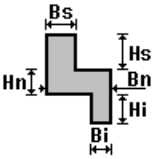
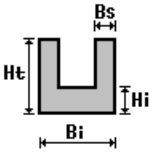
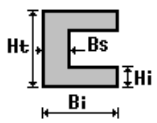
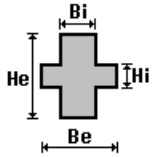
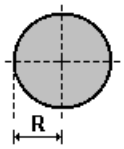
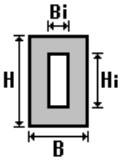
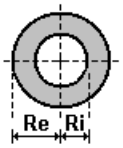
Il programma consente l'uso di sezioni diverse. Sono previsti i seguenti tipi di sezione:

1. sezione di tipo generico
2. profilati semplici
3. profilati accoppiati e speciali

Le sezioni utilizzate nella modellazione sono individuate da una sigla identificativa ed un codice numerico (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). Per ogni sezione vengono riportati in tabella i seguenti dati:

Area	area della sezione
A V2	area della sezione/fattore di taglio (per il taglio in direzione 2)
A V3	area della sezione/fattore di taglio (per il taglio in direzione 3)
Jt	fattore torsionale di rigidezza
J2-2	momento d'inerzia della sezione riferito all'asse 2
J3-3	momento d'inerzia della sezione riferito all'asse 3
W2-2	modulo di resistenza della sezione riferito all'asse 2
W3-3	modulo di resistenza della sezione riferito all'asse 3
Wp2-2	modulo di resistenza plastico della sezione riferito all'asse 2
Wp3-3	modulo di resistenza plastico della sezione riferito all'asse 3

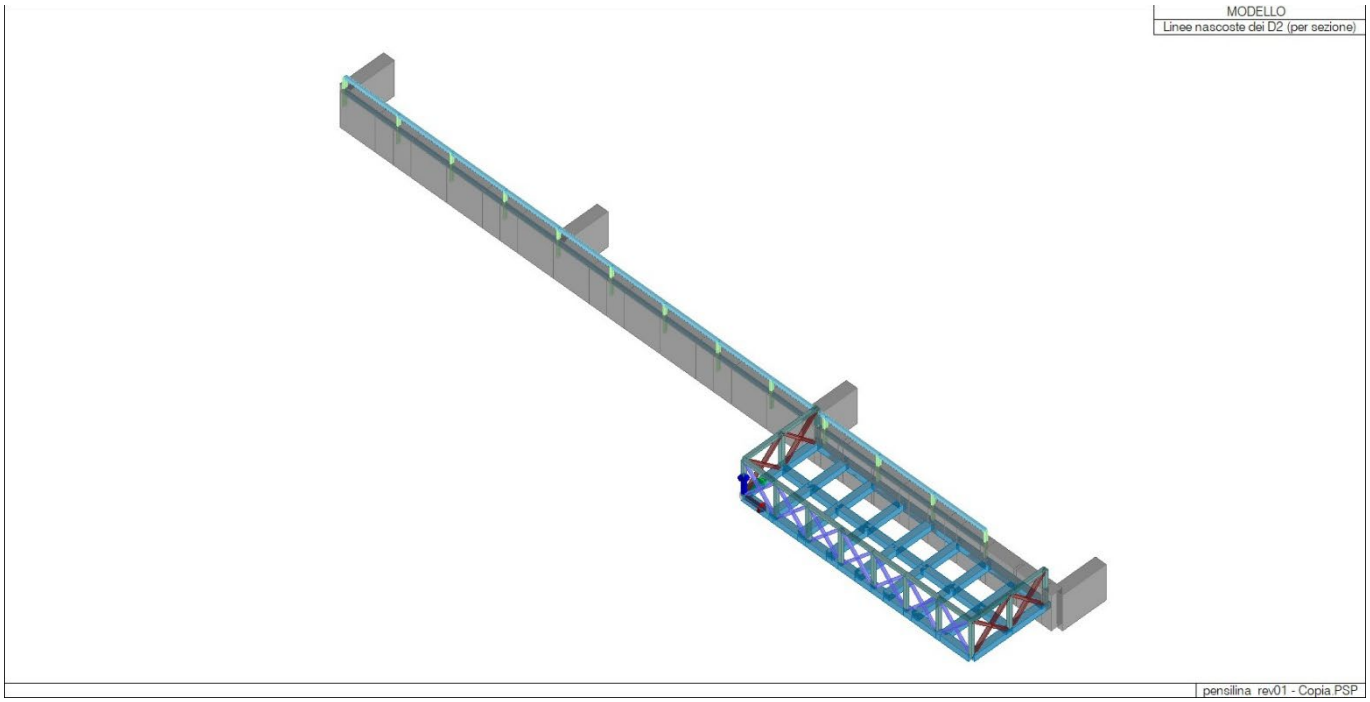
I dati sopra riportati vengono utilizzati per la determinazione dei carichi inerziali e per la definizione delle rigidezze degli elementi strutturali; qualora il valore di Area V2 (e/o Area V3) sia nullo la deformabilità per taglio V2 (e/o V3) è trascurata. La valutazione delle caratteristiche inerziali delle sezioni è condotta nel riferimento 2-3 dell'elemento.

 rettangolare	 a T	 a T rovescia	 a T di colmo	 a L	 a L specchiata
 a L specchiata rovescia	 a L rovescia	 a L di colmo	 a doppio T	 a quattro specchiata	 a quattro
 a U	 a C	 a croce	 circolare	 rettangolare cava	 circolare cava

Per quanto concerne i profilati semplici ed accoppiati l'asse 2 del riferimento coincide con l'asse x riportato nei più diffusi profilatari.

Per quanto concerne le sezioni di tipo generico (tipo 1.):
i valori dimensionali con prefisso B sono riferiti all'asse 2
i valori dimensionali con prefisso H sono riferiti all'asse 3

Id	Tipo	Area	A V2	A V3	Jt	J 2-2	J 3-3	W 2-2	W 3-3	Wp 2-2	Wp 3-3
		cm2	cm2	cm2	cm4	cm4	cm4	cm3	cm3	cm3	cm3
1	Rettangolare: b=45 h=150	6750.00	5625.00	5625.00	3.695e+06	1.139e+06	1.266e+07	5.062e+04	1.688e+05	7.594e+04	2.531e+05
2	Rettangolare: b=25 h=25	625.00	520.83	520.83	5.491e+04	3.255e+04	3.255e+04	2604.17	2604.17	3906.25	3906.25
3	Rettangolare: b=12 h=12	144.00	120.00	120.00	2914.82	1728.00	1728.00	288.00	288.00	432.00	432.00
4	C < CL4 >	10.16	0.0	0.0	0.66	50.91	224.03	12.68	37.34	19.52	44.15
5	T.QU 100x3	11.64	0.0	0.0	273.80	182.70	182.70	36.54	36.54	42.35	42.35
6	Rettangolare: b=8 h=8	64.00	53.33	53.33	575.77	341.33	341.33	85.33	85.33	128.00	128.00
16	Rettangolare: b=12 h=8	96.00	80.00	80.00	1187.84	1152.00	512.00	192.00	128.00	288.00	192.00



13_MOD_SEZIONI

MODELLAZIONE STRUTTURA: NODI

LEGENDA TABELLA DATI NODI

Il programma utilizza per la modellazione nodi strutturali.
Ogni nodo è individuato dalle coordinate cartesiane nel sistema di riferimento globale (X Y Z).
Ad ogni nodo è eventualmente associato un codice di vincolamento rigido, un codice di fondazione speciale, ed un set di sei molle (tre per le traslazioni, tre per le rotazioni). Le tabelle sottoriportate riflettono le succitate possibilità. In particolare per ogni nodo viene indicato in tabella:

Nodo	numero del nodo.
X	valore della coordinata X
Y	valore della coordinata Y
Z	valore della coordinata Z

Per i nodi ai quali sia associato un codice di vincolamento rigido, un codice di fondazione speciale o un set di molle viene indicato in tabella:

Nodo	numero del nodo.
X	valore della coordinata X
Y	valore della coordinata Y
Z	valore della coordinata Z
Note	eventuale codice di vincolo (es. v=110010 sei valori relativi ai sei gradi di libertà previsti per il nodo TxTyTzRxRyRz, il valore 1 indica che lo spostamento o rotazione relativo è impedito, il valore 0 indica che lo spostamento o rotazione relativo è libero).
Note	(FS = 1, 2,…) eventuale codice del tipo di fondazione speciale (1, 2,… fanno riferimento alle tipologie: plinto, palo, plinto su pali,…) che è collegato al nodo. (ISO = "id SIGLA") indice e sigla identificativa dell' eventuale isolatore sismico assegnato al nodo
Rig. TX	valore della rigidezza dei vincoli elastici eventualmente applicati al nodo, nello specifico TX (idem per TY, TZ, RX, RY, RZ).

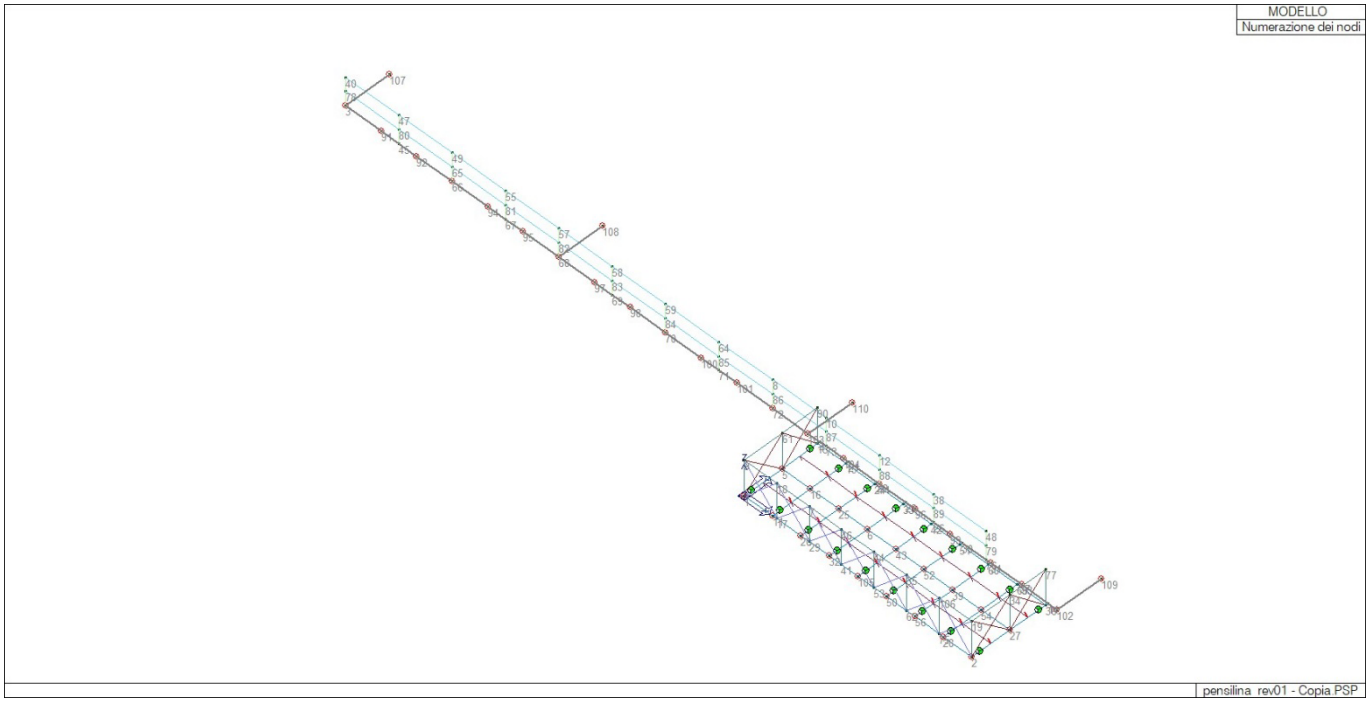
Per strutture sismicamente isolate viene inoltre inserita la tabella delle caratteristiche per gli isolatori utilizzati; le caratteristiche sono indicate in conformità al cap. 7.10 del D.M. 17/01/18

TABELLA DATI NODI

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
	cm	cm	cm		cm	cm	cm		cm	cm	cm
4	0.0	320.0	0.0	7	274.0	0.0	150.0	8	-200.0	320.0	120.0
9	0.0	0.0	150.0	10	25.0	320.0	120.0	12	250.0	320.0	120.0
13	0.0	310.0	0.0	14	960.0	320.0	0.0	15	120.0	310.0	0.0
17	137.0	0.0	0.0	18	137.0	0.0	150.0	19	960.0	0.0	150.0
21	120.0	320.0	0.0	22	240.0	320.0	0.0	23	360.0	320.0	0.0
24	240.0	310.0	0.0	26	480.0	320.0	0.0	29	274.0	0.0	0.0
30	600.0	320.0	0.0	33	360.0	310.0	0.0	34	960.0	160.0	150.0
35	685.0	0.0	150.0	36	960.0	310.0	0.0	37	840.0	320.0	0.0
38	480.0	320.0	120.0	40	-2000.0	320.0	120.0	41	411.0	0.0	0.0
42	480.0	310.0	0.0	44	548.0	0.0	150.0	45	-1775.0	320.0	0.0

46	411.0	0.0	150.0	47	-1775.0	320.0	120.0	48	700.0	320.0	120.0
49	-1550.0	320.0	120.0	51	600.0	310.0	0.0	53	548.0	0.0	0.0
55	-1325.0	320.0	120.0	57	-1100.0	320.0	120.0	58	-875.0	320.0	120.0
59	-650.0	320.0	120.0	60	720.0	310.0	0.0	61	0.0	160.0	150.0
62	685.0	0.0	0.0	63	840.0	310.0	0.0	64	-425.0	320.0	120.0
65	-1550.0	320.0	60.0	67	-1325.0	320.0	0.0	69	-875.0	320.0	0.0
71	-425.0	320.0	0.0	73	25.0	320.0	0.0	75	822.0	0.0	0.0
76	700.0	320.0	0.0	77	960.0	310.0	150.0	78	-2000.0	320.0	60.0
79	700.0	320.0	60.0	80	-1775.0	320.0	60.0	81	-1325.0	320.0	60.0
82	-1100.0	320.0	60.0	83	-875.0	320.0	60.0	84	-650.0	320.0	60.0
85	-425.0	320.0	60.0	86	-200.0	320.0	60.0	87	25.0	320.0	60.0
88	250.0	320.0	60.0	89	480.0	320.0	60.0	90	0.0	310.0	150.0
106	822.0	0.0	150.0								

Nodo	X	Y	Z	Note	Rig. TX	Rig. TY	Rig. TZ	Rig. RX	Rig. RY	Rig. RZ
	cm	cm	cm		daN/cm	daN/cm	daN/cm	daN cm/rad	daN cm/rad	daN cm/rad
1	0.0	0.0	0.0	FS=3						
2	960.0	0.0	0.0	FS=3						
3	-2000.0	320.0	0.0	FS=3						
5	0.0	160.0	0.0	FS=4						
6	360.0	160.0	0.0	FS=3						
11	120.0	0.0	0.0	FS=3						
16	120.0	160.0	0.0	FS=4						
20	240.0	0.0	0.0	FS=3						
25	240.0	160.0	0.0	FS=3						
27	960.0	160.0	0.0	FS=4						
28	840.0	0.0	0.0	FS=3						
31	720.0	320.0	0.0	FS=3						
32	360.0	0.0	0.0	FS=3						
39	720.0	160.0	0.0	FS=3						
43	480.0	160.0	0.0	FS=4						
50	600.0	0.0	0.0	FS=3						
52	600.0	160.0	0.0	FS=4						
54	840.0	160.0	0.0	FS=4						
56	720.0	0.0	0.0	FS=3						
66	-1550.0	320.0	0.0	FS=3						
68	-1100.0	320.0	0.0	FS=3						
70	-650.0	320.0	0.0	FS=3						
72	-200.0	320.0	0.0	FS=3						
74	250.0	320.0	0.0	FS=3						
91	-1850.0	320.0	0.0	FS=3						
92	-1700.0	320.0	0.0	FS=3						
93	850.0	320.0	0.0	FS=3						
94	-1400.0	320.0	0.0	FS=3						
95	-1250.0	320.0	0.0	FS=3						
96	400.0	320.0	0.0	FS=3						
97	-950.0	320.0	0.0	FS=3						
98	-800.0	320.0	0.0	FS=3						
99	550.0	320.0	0.0	FS=3						
100	-500.0	320.0	0.0	FS=3						
101	-350.0	320.0	0.0	FS=3						
102	1000.0	320.0	0.0	FS=3						
103	-50.0	320.0	0.0	FS=3						
104	100.0	320.0	0.0	FS=3						
105	480.0	0.0	0.0	FS=3						
107	-2000.0	505.0	0.0	FS=3						
108	-1100.0	505.0	0.0	FS=3						
109	1000.0	505.0	0.0	FS=3						
110	-50.0	505.0	0.0	FS=3						

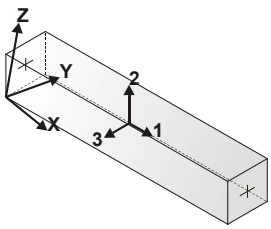


14_MOD_NUMERAZIONE_NODI

MODELLAZIONE STRUTTURA: ELEMENTI TRAVE

TABELLA DATI TRAVI

Il programma utilizza per la modellazione elementi a due nodi denominati in generale travi.
Ogni elemento trave è individuato dal nodo iniziale e dal nodo finale.
Ogni elemento è caratterizzato da un insieme di proprietà riportate in tabella che ne completano la modellazione.



orientamento elementi 2D non verticali

orientamento elementi 2D verticali

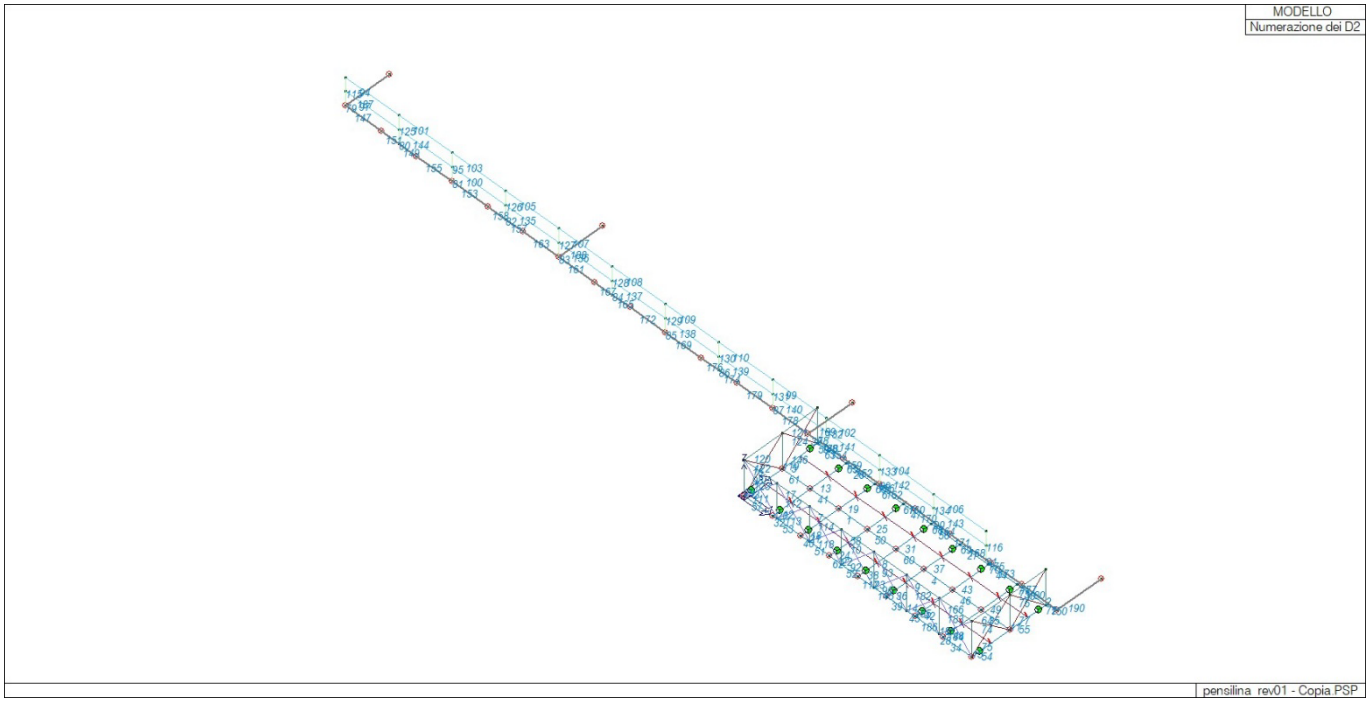
In particolare per ogni elemento viene indicato in tabella:

Elem.	numero dell'elemento
Note	codice di comportamento: trave, trave di fondazione, pilastro, asta, asta tesa, asta compressa,
Nodo I (J)	numero del nodo iniziale (finale)
Mat.	codice del materiale assegnato all'elemento
Sez.	codice della sezione assegnata all'elemento
Rotaz.	valore della rotazione dell'elemento, attorno al proprio asse, nel caso in cui l'orientamento di default non sia adottabile; l'orientamento di default prevede per gli elementi non verticali l'asse 2 contenuto nel piano verticale e l'asse 3 orizzontale, per gli elementi verticali l'asse 2 diretto secondo X negativo e l'asse 3 diretto secondo Y negativo
Svincolo I (J)	codici di svincolo per le azioni interne; i primi sei codici si riferiscono al nodo iniziale, i restanti sei al nodo finale (il valore 1 indica che la relativa azione interna non è attiva)
Wink V	costante di sottofondo (coefficiente di Winkler) per la modellazione della trave su suolo elastico
Wink O	costante di sottofondo (coefficiente di Winkler) per la modellazione del suolo elastico orizzontale

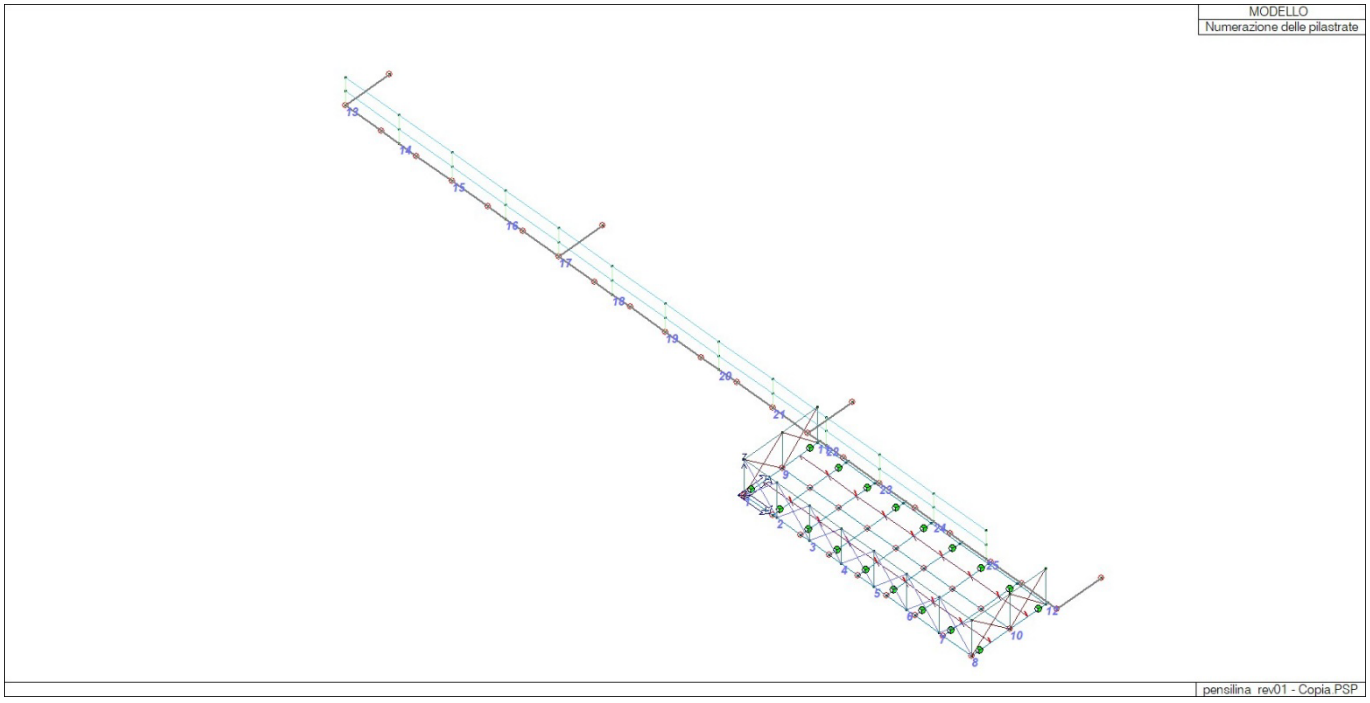
Elem.	Note	Nodo I	Nodo J	Mat.	Sez.	Crit.	Rotaz. gradi	Svincolo I	Svincolo J	Wink V daN/cm3	Wink O daN/cm3
1	Trave	25	6	132	2	1					
2	Pilas.	36	77	132	3	1					
3	Trave	1	5	132	2	1		000011			
4	Trave	52	39	132	2	1					
5	Trave	5	13	132	2	1			000011		
6	Trave	24	33	132	2	1					
7	Trave	7	46	132	3	1					
8	Trave	44	35	132	3	1					
9	Trave	35	106	132	3	1					
10	Trave	46	53	132	6	1					
11	Pilas.	27	34	132	3	1					
12	Trave	11	16	132	2	1		000011			
13	Trave	16	15	132	2	1			000011		
14	Pilas.	62	35	132	3	1					
15	Pilas.	2	19	132	3	1					
16	Trave	9	18	132	3	1					
17	Trave	18	7	132	3	1					
18	Trave	20	25	132	2	1		000011			
19	Trave	25	24	132	2	1			000011		
20	Pilas.	17	18	132	3	1					
21	Pilas.	29	7	132	3	1					
22	Pilas.	41	46	132	3	1					
23	Pilas.	53	44	132	3	1					
24	Trave	32	6	132	2	1		000011			
25	Trave	6	33	132	2	1			000011		
26	Trave	15	24	132	2	1					
27	Trave	51	60	132	2	1					
28	Trave	75	28	132	2	1					
29	Pilas.	1	9	132	3	1					
30	Trave f.	103	4	3	1	2				0.88	0.88
31	Trave	43	42	132	2	1			000011		
32	Trave	11	17	132	2	1					
33	Trave	63	36	132	2	1					
34	Trave	28	2	132	2	1					
35	Trave	54	27	132	2	1					
36	Trave	50	52	132	2	1		000011			
37	Trave	52	51	132	2	1			000011		
38	Trave	105	43	132	2	1		000011			
39	Trave	50	62	132	2	1					
40	Trave	20	29	132	2	1					
41	Trave	16	25	132	2	1					
42	Trave	56	39	132	2	1		000011			
43	Trave	39	60	132	2	1			000011		
44	Trave	60	63	132	2	1					
45	Trave	62	56	132	2	1					
46	Trave	39	54	132	2	1					
47	Trave	33	42	132	2	1					
48	Trave	28	54	132	2	1		000011			
49	Trave	54	63	132	2	1			000011		
50	Trave	6	43	132	2	1					
51	Trave	29	32	132	2	1					
52	Trave	41	105	132	2	1					
53	Trave	17	20	132	2	1					
54	Trave	2	27	132	2	1		000011			
55	Trave	27	36	132	2	1			000011		
56	Trave	42	51	132	2	1					
57	Trave	1	11	132	2	1					
58	Trave	46	44	132	3	1					
59	Trave	13	4	132	2	1					
60	Trave	43	52	132	2	1					
61	Trave	5	16	132	2	1					
62	Trave	32	41	132	2	1					
63	Trave	13	15	132	2	1					
64	Trave	19	34	132	3	1					
65	Trave	15	21	132	2	1					
66	Trave	24	22	132	2	1					
67	Trave	33	23	132	2	1					

68	Trave	42	26	132	2	1	
69	Trave	51	30	132	2	1	
70	Trave	60	31	132	2	1	
71	Trave	63	37	132	2	1	
72	Trave	36	14	132	2	1	
73	Trave	34	77	132	3	1	
74	Trave	19	27	132	16	1	
75	Trave	2	34	132	16	1	
76	Trave	34	36	132	16	1	
77	Trave	27	77	132	16	1	
78	Pilas.	13	90	132	3	1	
79	Pilas.	3	78	12	4	1	270.00
80	Pilas.	45	80	12	4	1	270.00
81	Pilas.	66	65	12	4	1	270.00
82	Pilas.	67	81	12	4	1	270.00
83	Pilas.	68	82	12	4	1	270.00
84	Pilas.	69	83	12	4	1	270.00
85	Pilas.	70	84	12	4	1	270.00
86	Pilas.	71	85	12	4	1	270.00
87	Pilas.	72	86	12	4	1	270.00
88	Pilas.	73	87	12	4	1	270.00
89	Pilas.	74	88	12	4	1	270.00
90	Pilas.	26	89	12	4	1	270.00
91	Pilas.	76	79	12	4	1	270.00
92	Trave	41	44	132	6	1	
93	Trave	44	62	132	6	1	
94	Trave	40	47	12	5	1	
95	Pilas.	65	49	12	4	1	270.00
96	Trave	53	35	132	6	1	
97	Trave	78	80	12	5	1	
98	Trave	9	17	132	6	1	
99	Trave	8	10	12	5	1	
100	Trave	65	81	12	5	1	
101	Trave	47	49	12	5	1	
102	Trave	10	12	12	5	1	
103	Trave	49	55	12	5	1	
104	Trave	12	38	12	5	1	
105	Trave	55	57	12	5	1	
106	Trave	38	48	12	5	1	
107	Trave	57	58	12	5	1	
108	Trave	58	59	12	5	1	
109	Trave	59	64	12	5	1	
110	Trave	64	8	12	5	1	
111	Trave	1	18	132	6	1	
112	Trave	18	29	132	6	1	
113	Trave	17	7	132	6	1	
114	Trave	7	41	132	6	1	
115	Pilas.	78	40	12	4	1	270.00
116	Pilas.	79	48	12	4	1	270.00
117	Trave	105	53	132	2	1	
118	Trave	29	46	132	6	1	
119	Pilas.	5	61	132	3	1	
120	Trave	9	61	132	3	1	
121	Trave	61	90	132	3	1	
122	Trave	9	5	132	16	1	
123	Trave	1	61	132	16	1	
124	Trave	61	13	132	16	1	
125	Pilas.	80	47	12	4	1	270.00
126	Pilas.	81	55	12	4	1	270.00
127	Pilas.	82	57	12	4	1	270.00
128	Pilas.	83	58	12	4	1	270.00
129	Pilas.	84	59	12	4	1	270.00
130	Pilas.	85	64	12	4	1	270.00
131	Pilas.	86	8	12	4	1	270.00
132	Pilas.	87	10	12	4	1	270.00
133	Pilas.	88	12	12	4	1	270.00
134	Pilas.	89	38	12	4	1	270.00
135	Trave	81	82	12	5	1	
136	Trave	82	83	12	5	1	
137	Trave	83	84	12	5	1	
138	Trave	84	85	12	5	1	

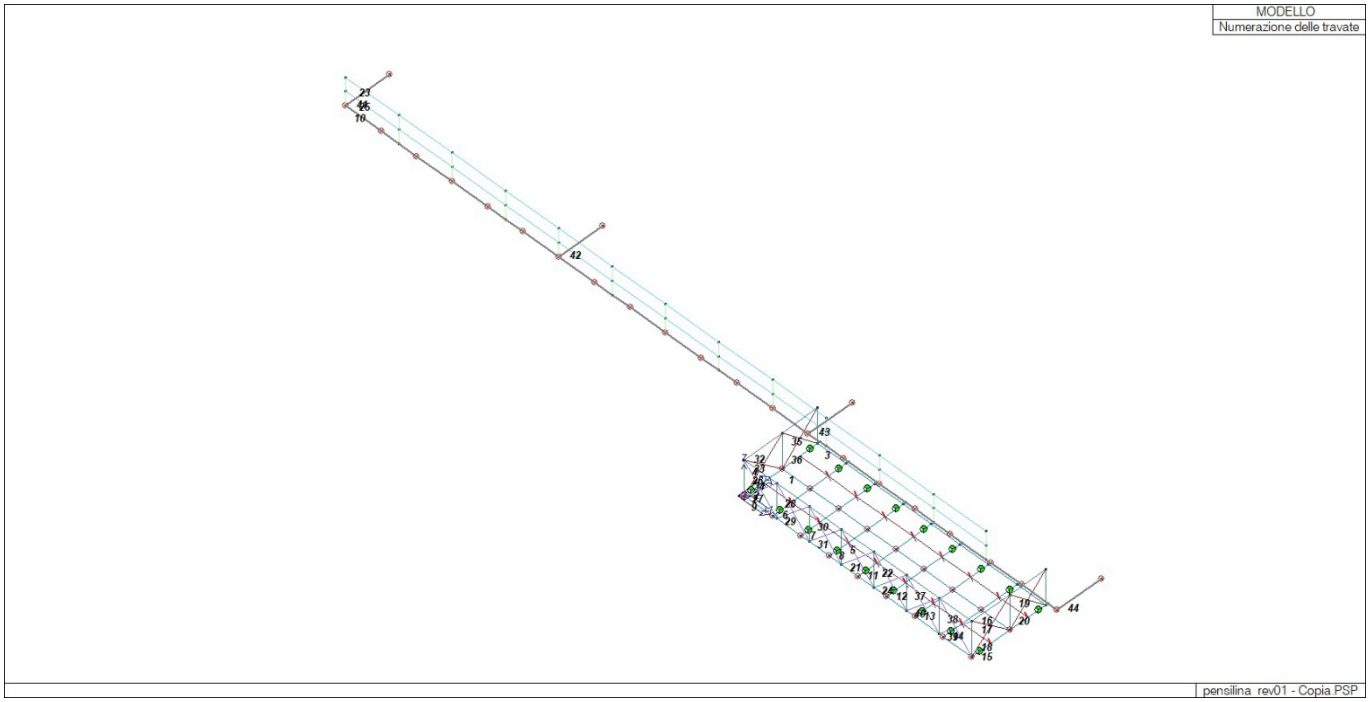
139	Trave	85	86	12	5	1		
140	Trave	86	87	12	5	1		
141	Trave	87	88	12	5	1		
142	Trave	88	89	12	5	1		
143	Trave	89	79	12	5	1		
144	Trave	80	65	12	5	1		
145	Trave	53	50	132	2	1		
146	Trave	5	90	132	16	1		
147	Trave f.	3	91	3	1	2	0.88	0.88
148	Trave f.	4	73	3	1	2	0.88	0.88
149	Trave f.	45	92	3	1	2	0.88	0.88
150	Trave f.	14	102	3	1	2	0.88	0.88
151	Trave f.	91	45	3	1	2	0.88	0.88
152	Trave f.	21	22	3	1	2	0.88	0.88
153	Trave f.	66	94	3	1	2	0.88	0.88
154	Trave f.	73	104	3	1	2	0.88	0.88
155	Trave f.	92	66	3	1	2	0.88	0.88
156	Trave f.	22	74	3	1	2	0.88	0.88
157	Trave f.	67	95	3	1	2	0.88	0.88
158	Trave f.	94	67	3	1	2	0.88	0.88
159	Trave f.	104	21	3	1	2	0.88	0.88
160	Trave f.	23	96	3	1	2	0.88	0.88
161	Trave f.	68	97	3	1	2	0.88	0.88
162	Trave f.	74	23	3	1	2	0.88	0.88
163	Trave f.	95	68	3	1	2	0.88	0.88
164	Trave f.	26	99	3	1	2	0.88	0.88
165	Trave f.	69	98	3	1	2	0.88	0.88
166	Trave	106	19	132	3	1		
167	Trave f.	97	69	3	1	2	0.88	0.88
168	Trave f.	30	76	3	1	2	0.88	0.88
169	Trave f.	70	100	3	1	2	0.88	0.88
170	Trave f.	96	26	3	1	2	0.88	0.88
171	Trave f.	99	30	3	1	2	0.88	0.88
172	Trave f.	98	70	3	1	2	0.88	0.88
173	Trave f.	31	37	3	1	2	0.88	0.88
174	Trave f.	71	101	3	1	2	0.88	0.88
175	Trave f.	76	31	3	1	2	0.88	0.88
176	Trave f.	100	71	3	1	2	0.88	0.88
177	Trave f.	37	93	3	1	2	0.88	0.88
178	Trave f.	72	103	3	1	2	0.88	0.88
179	Trave f.	101	72	3	1	2	0.88	0.88
180	Trave f.	93	14	3	1	2	0.88	0.88
181	Pilas.	75	106	132	3	1		
182	Trave	35	75	132	6	1		
183	Trave	106	2	132	6	1		
184	Trave	75	19	132	6	1		
185	Trave	62	106	132	6	1		
186	Trave	56	75	132	2	1		
187	Trave f.	3	107	3	1	2	0.88	0.88
188	Trave f.	68	108	3	1	2	0.88	0.88
189	Trave f.	103	110	3	1	2	0.88	0.88
190	Trave f.	102	109	3	1	2	0.88	0.88



15_MOD_NUMERAZIONE_D2



15_MOD_NUMERAZIONE_D2_PILASTRATE



15_MOD_NUMERAZIONE_D2_TRAVATE

MODELLAZIONE DELLA STRUTTURA: ELEMENTI SOLAIO-PANNELLO

LEGENDA TABELLA DATI SOLAI-PANNELLI

Il programma utilizza per la modellazione elementi a tre o più nodi denominati in generale solaio o pannello.
Ogni elemento solaio-pannello è individuato da una poligonale di nodi 1,2, ..., N.
L'elemento solaio è utilizzato in primo luogo per la modellazione dei carichi agenti sugli elementi strutturali. In secondo luogo può essere utilizzato per la corretta ripartizione delle forze orizzontali agenti nel proprio piano. L'elemento balcone è derivato dall'elemento solaio.
I carichi agenti sugli elementi solaio, raccolti in un archivio, sono direttamente assegnati agli elementi utilizzando le informazioni raccolte nell' archivio (es. i coefficienti combinatori). La tabella seguente riporta i dati utilizzati per la definizione dei carichi e delle masse.
L'elemento pannello è utilizzato solo per l'applicazione dei carichi, quali pesi delle tamponature o spinte dovute al vento o terre. In questo caso i carichi sono applicati in analogia agli altri elementi strutturali (si veda il cap. SCHEMATIZZAZIONE DEI CASI DI CARICO).

Id.Arch.	Identificativo dell' archivio
Tipo	Tipo di carico *Variab.* Carico variabile generico *Var. rid.* Carico variabile generico con riduzione in funzione dell' area (c.5.5. …) *Neve* Carico di neve
G1	carico permanente (comprensivo del peso proprio)
G2	carico permanente non strutturale e non compiutamente definito
Q	carico variabile
Fatt. A	fattore di riduzione del carico variabile (0.5 o 0.75) per tipo "Var.rid."
S sis.	fattore di riduzione del carico variabile per la definizione delle masse sismiche per D.M. 96 (vedi NOTA sul capitolo "normativa di riferimento")
Psi 0	Coefficiente combinatorio dei valori caratteristici delle azioni variabili: *per valore raro*
Psi 1	Coefficiente combinatorio dei valori caratteristici delle azioni variabili: *per valore frequente*
Psi 2	Coefficiente combinatorio dei valori caratteristici delle azioni variabili: *per valore quasi permanente*
Psi S 2	Coefficiente di combinazione che fornisce il valore quasi-permanente dell'azione variabile: *per la definizione delle masse sismiche*
Fatt. Fi	Coefficiente di correlazione dei carichi per edifici

Ogni elemento è caratterizzato da un insieme di proprietà riportate in tabella che ne completano la modellazione. In particolare per ogni elemento viene indicato in tabella:

Elem	numero dell'elemento
Tipo	codice di comportamento *S* elemento utilizzato solo per scarico *C* elemento utilizzato per scarico e per modellazione piano rigido *P* elemento utilizzato come pannello *M* scarico monodirezionale *B* scarico bidirezionale

Id.Arch.	Identificativo dell' archivio
Mat	codice del materiale assegnato all'elemento
Spessore	spessore dell'elemento (costante)
Orditura	angolo (rispetto all'asse X) della direzione dei travetti principali
G1	carico permanente solaio (comprensivo del peso proprio)
G2	carico permanente non strutturale e non compiutamente definito
Q	carico variabile solaio
Nodi	numero dei nodi che definiscono l'elemento (5 per riga)

La progettazione viene eseguita con il metodo degli stati limite.I simboli utilizzati in tabella assumono il seguente significato:

Elem.	numero identificativo dell'elemento
Stato	Codici di verifica relativi alle tensioni normali e alle tensioni tangenziali
Note	Viene riportato il codice relativo alla sezione(s) e relativo al materiale(m);
F ist, F infi	Frecce instantanee e a tempo infinito
Pos.	Ascissa del punto di verifica
Momento	Momento flettente
Af inf.	Area di armatura longitudinale posta all'intradosso della trave
Af sup.	Area di armatura longitudinale posta all'estradosso della trave
V N/M	rapporto Sd/Su con sollecitazioni ultime proporzionali: valore minore o uguale a 1 per verifica positiva
x/d	rapporto tra posizione dell'asse neutro e altezza utile alla rottura della sezione (per sola flessione)
Taglio	Sollecitazione di taglio
AfV	Area dell'armatura atta ad assorbire le azioni di taglio
Verif.V	rapporto Sd/Su con sollecitazioni taglianti proporzionali: valore minore o uguale a 1 per verifica positiva
B eff	Base della sezione di cls per l'assorbimento del taglio
rRfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni rare [normalizzato a 1]
rFfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni freq. [normalizzato a 1]
rPfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni quasi perm. [normalizzato a 1]
rRfyk	rapporto tra la massima tensione nell'acciaio e la tensione fyk in combinazioni frequenti [normalizzato a 1]
rFyk	rapporto tra la massima tensione nell'acciaio e la tensione fyk in combinazioni rare [normalizzato a 1]
rPfyk	rapporto tra la massima tensione nell'acciaio e la tensione fyk in combinazioni quasi permanenti [normalizzato a 1]
wR	apertura caratteristica delle fessure in combinazioni rare [mm]
wF	apertura caratteristica delle fessure in combinazioni frequenti [mm]
wP	apertura caratteristica delle fessure in combinazioni quasi permanenti [mm]

Nel caso in cui si sia proceduto alla verifica delle tamponature secondo il D.M. 17.01.2018 - §7.2.3 viene riportata una tabella riassuntiva delle verifiche degli elementi pannello. La verifica (definita come rapporto domanda/capacità) confronta le azioni sollecitanti indotte dal sisma con le resistenze secondo tre ipotesi, due basate sulla resistenza a pressoflessione della tamponatura ed una basata sul cinematismo a seguito della formazione di tre cerniere plastiche

sulla tamponatura. Il cinematismo è ricondubile al meccanismo ad arco, descritto nel paragrafo "8.4.3 Walls arching between supports" dell' EN 1996-1-1:2022 per snellezze non superiori a 20. La verifica considera anche il degrado di resistenza dovuto al danneggiamento nel piano della tamponatura.

Qualora la tamponatura sia di tipo antiespulsione (nelle due possibili varianti ordinaria o armata) viene condotta una verifica con meccanismo ad arco con degrado di resistenza. La verifica confronta le pressioni sollecitanti indotte dal sisma con le pressioni resistenti che la tamponatura sviluppa attraverso il meccanismo ad arco. La verifica considera anche il degrado di resistenza dovuto al danneggiamento nel piano della tamponatura.
Per quest'ultima tamponatura sono disponibili, in funzione del materiale impiegato (materiale [52] o materiale [53]):

- Tamponatura Antiespulsione ordinaria Poroton® Danesi sp.30 cm; con metodo di verifica per meccanismo ad arco con degrado di resistenza, sviluppato attraverso i risultati di un progetto di ricerca sperimentale condotto dall'Università degli Studi di Padova.
  Utilizzabile per il materiale [52].
- Tamponatura Antiespulsione armata Poroton® Danesi sp.30 cm; con metodo di verifica per meccanismo ad arco con degrado di resistenza, sviluppato attraverso i risultati di un progetto di ricerca sperimentale condotto dall'Università degli Studi di Padova.
  Utilizzabile per il materiale [53].

La verifica è stata calibrata sulla base di prove sperimentali sul sistema di Tamponatura Antiespulsione anche in presenza di aperture.
(rif. Rapporti di Prova redatti dal Dipartimento ICEA - Università degli Studi di Padova di test sperimentali condotti sul sistema Tamponatura Antiespulsione di Cis Edil)

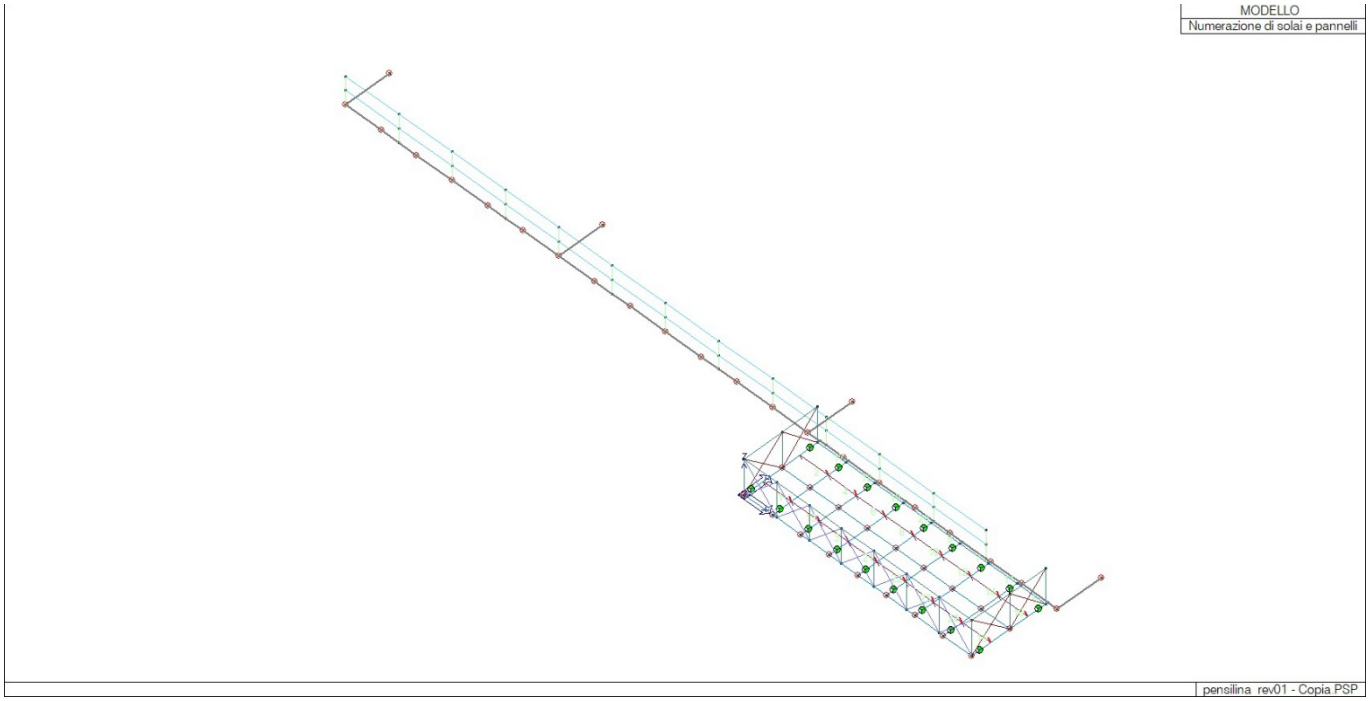
In particolare i simboli utilizzati in tabella assumono il seguente significato:

Elem.	Numero identificativo dell'elemento
Stato	Codice di verifica
Ver. EC6	Rapporto pa/pr (valore minore o uguale a 1 per verifica positiva) con valutazione della pressione resistente pr per meccanismo ad arco secondo EN 1996-1-1:2022
Ver. c.c.	Verifica nell'ipotesi di trave appoggiata con carico concentrato in mezzeria
Ver. c.d.	Verifica nell'ipotesi di trave appoggiata con carico distribuito
Ver. cin.	Verifica nell'ipotesi di cinematismo con formazione di cerniere plastiche in appoggio e mezzeria
Ver. DNS	Rapporto pa/pr (valore minore o uguale a 1 per verifica positiva) con valutazione della pressione resistente pr per meccanismo ad arco per Danesi
Z	Quota del baricentro dell'elemento
T1	Periodo proprio dell'edificio nella direzione di interesse (ortogonale al pannello)
Ta	Periodo proprio della parete
Sa	Accelerazione massima, adimensionalizzata allo SLV
pa	Pressione sulla parete causata dall'azione sismica
Drift	Spostamento relativo interpiano allo SLV valutato secondo il D.M. 14.01.2018 - § 7.3.3.3
R.Drift	Coef. riduttivo per tener conto del danneggiamento del piano dipendente dallo spostamento (utilizzato in Ver. EC6 e Ver. DNS)

ID Arch.	Tipo	G1 daN/cm2	G2 daN/cm2	Q daN/cm2	Fatt. A	s sis.	Psi 0	Psi 1	Psi 2	Psi S 2	Fatt. Fi
1	Variab.	3.00e-03		5.00e-02		1.00	0.70	0.50	0.30	0.30	1.00

Elem.	Tipo	ID Arch.	Mat. Spessore Orditura	G1	G2	Q	Nodo 1/6..	Nodo 2/7..	Nodo 3/8..	Nodo..	Nodo..

					daN/cm2	daN/cm2	daN/cm2					
1	SM	1	m=132	1.0	0.0	3.00e-03		5.00e-02	1	11	16	5	
2	SM	1	m=132	1.0	0.0	3.00e-03		5.00e-02	16	15	13	5	
3	SM	1	m=132	1.0	0.0	3.00e-03		5.00e-02	29	32	6	25	20
4	SM	1	m=132	1.0	0.0	3.00e-03		5.00e-02	25	24	15	16	
5	SM	1	m=132	1.0	90.0	3.00e-03		5.00e-02	36	14	37	63	
6	SM	1	m=132	1.0	0.0	3.00e-03		5.00e-02	6	33	24	25	
7	SM	1	m=132	1.0	90.0	3.00e-03		5.00e-02	60	31	30	51	
8	SM	1	m=132	1.0	0.0	3.00e-03		5.00e-02	43	42	33	6	
9	SM	1	m=132	1.0	90.0	3.00e-03		5.00e-02	51	30	26	42	
10	SM	1	m=132	1.0	0.0	3.00e-03		5.00e-02	52	51	42	43	
11	SM	1	m=132	1.0	90.0	3.00e-03		5.00e-02	63	37	31	60	
12	SM	1	m=132	1.0	0.0	3.00e-03		5.00e-02	39	60	51	52	
13	SM	1	m=132	1.0	0.0	3.00e-03		5.00e-02	25	16	11	17	20
14	SM	1	m=132	1.0	0.0	3.00e-03		5.00e-02	54	63	60	39	
15	SM	1	m=132	1.0	0.0	3.00e-03		5.00e-02	28	2	27	54	
16	SM	1	m=132	1.0	0.0	3.00e-03		5.00e-02	27	36	63	54	
17	SM	1	m=132	1.0	90.0	3.00e-03		5.00e-02	15	21	4	13	
18	SM	1	m=132	1.0	90.0	3.00e-03		5.00e-02	24	22	21	15	
19	SM	1	m=132	1.0	90.0	3.00e-03		5.00e-02	33	23	22	24	
20	SM	1	m=132	1.0	90.0	3.00e-03		5.00e-02	42	26	23	33	
21	SM	1	m=132	1.0	0.0	3.00e-03		5.00e-02	41	105	43	6	32
22	SM	1	m=132	1.0	0.0	3.00e-03		5.00e-02	53	50	52	43	105
23	SM	1	m=132	1.0	0.0	3.00e-03		5.00e-02	62	56	39	52	50
24	SM	1	m=132	1.0	0.0	3.00e-03		5.00e-02	75	28	54	39	56



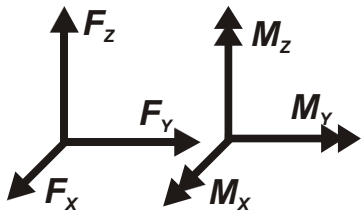
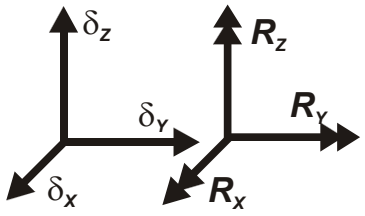
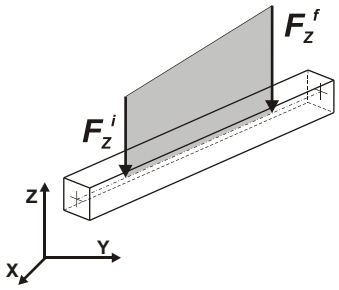
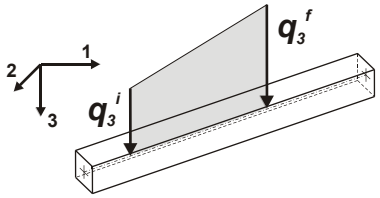
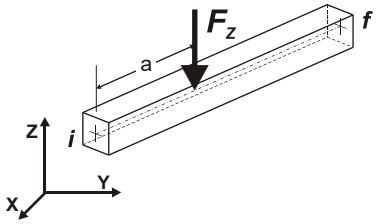
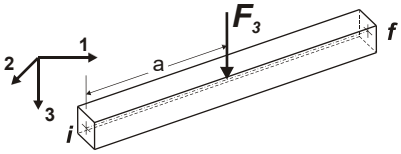
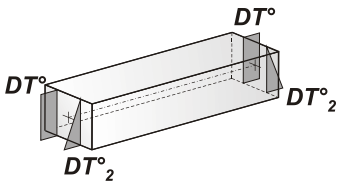
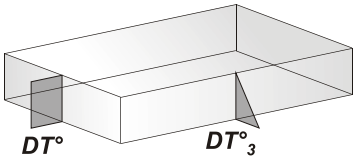
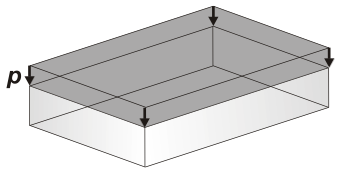
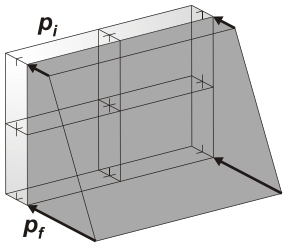
17_MOD_NUMERAZIONE_SOLAI

MODELLAZIONE DELLE AZIONI

LEGENDA TABELLA DATI AZIONI

Il programma consente l'uso di diverse tipologie di carico (azioni). Le azioni utilizzate nella modellazione sono individuate da una sigla identificativa ed un codice numerico (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). Per ogni azione applicata alla struttura viene di riportato il codice, il tipo e la sigla identificativa. Le tabelle successive dettagliano i valori caratteristici di ogni azione in relazione al tipo. Le tabelle riportano infatti i seguenti dati in relazione al tipo:

1	carico concentrato nodale 6 dati (forza Fx, Fy, Fz, momento Mx, My, Mz)
2	spostamento nodale impresso 6 dati (spostamento Tx,Ty,Tz, rotazione Rx,Ry,Rz)
3	carico distribuito globale su elemento tipo trave 7 dati (fx,fy,fz,mx,my,mz,ascissa di inizio carico) 7 dati (fx,fy,fz,mx,my,mz,ascissa di fine carico)
4	carico distribuito locale su elemento tipo trave 7 dati (f1,f2,f3,m1,m2,m3,ascissa di inizio carico) 7 dati (f1,f2,f3,m1,m2,m3,ascissa di fine carico)
5	carico concentrato globale su elemento tipo trave 7 dati (Fx,Fy,Fz,Mx,My,Mz,ascissa di carico)
6	carico concentrato locale su elemento tipo trave 7 dati (F1, F2, F3, M1, M2, M3, ascissa di carico)
7	variazione termica applicata ad elemento tipo trave 7 dati (variazioni termiche: uniforme, media e differenza in altezza e larghezza al nodo iniziale e finale)
8	carico di pressione uniforme su elemento tipo piastra 1 dato (pressione)
9	carico di pressione variabile su elemento tipo piastra 4 dati (pressione, quota, pressione, quota)
10	variazione termica applicata ad elemento tipo piastra 2 dati (variazioni termiche: media e differenza nello spessore)
11	carico variabile generale su elementi tipo trave e piastra 1 dato descrizione della tipologia 4 dati per segmento (posizione, valore, posizione, valore) la tipologia precisa l'ascissa di definizione, la direzione del carico, la modalità di carico e la larghezza d'influenza per gli elementi tipo trave
12	gruppo di carichi con impronta su piastra 9 dati (numero di ripetizioni in direzione X e Y, valore di ciascun carico, posizione centrale del primo, dimensioni dell' impronta, interasse tra i carichi

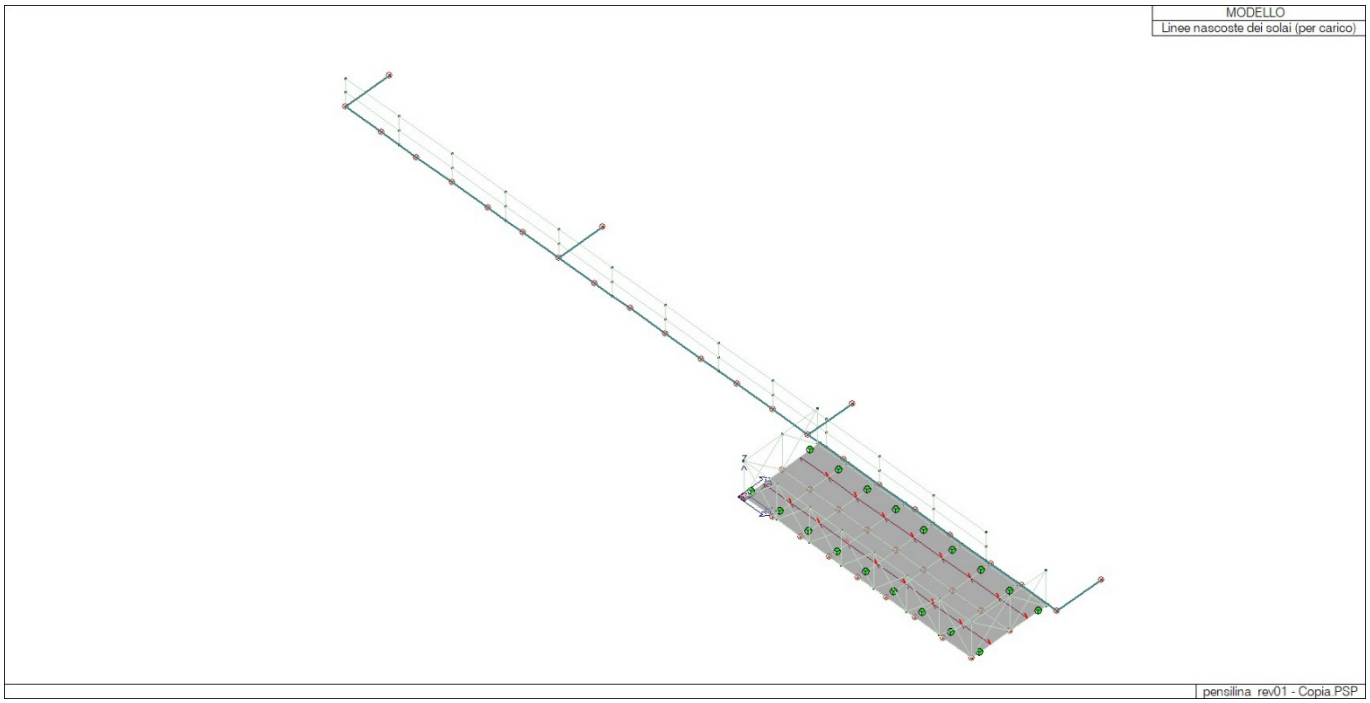
	Carico concentrato nodale
	Spostamento impresso
	Carico distribuito globale
	Carico distribuito locale
	Carico concentrato globale
	Carico concentrato locale
	Carico termico 2D
	Carico termico 3D
	Carico pressione uniforme
	Carico pressione variabile

Tipo	carico concentrato nodale

Id	Tipo	Fx	Fy	Fz	Mx	My	Mz
		daN	daN	daN	daN cm	daN cm	daN cm
9	CN:Fy=-2359.00	0.0	-2359.00	0.0	0.0	0.0	0.0
10	CN:Fz=-500.00	0.0	0.0	-500.00	0.0	0.0	0.0

Tipo	carico distribuito globale su trave

Id	Tipo	Pos.	fx	fy	fz	mx	my	mz
		cm	daN/cm	daN/cm	daN/cm	daN	daN	daN
11	DG:Fyi=-1.50 Fyf=-1.50	0.0	0.0	-1.50	0.0	0.0	0.0	0.0
		0.0	0.0	-1.50	0.0	0.0	0.0	0.0
12	DG:Fxi=-1.50 Fxf=-1.50	0.0	-1.50	0.0	0.0	0.0	0.0	0.0
		0.0	-1.50	0.0	0.0	0.0	0.0	0.0
13	DG:Fxi=1.50 Fxf=1.50	0.0	1.50	0.0	0.0	0.0	0.0	0.0
		0.0	1.50	0.0	0.0	0.0	0.0	0.0



21_CAR_CARICHI_SOLAI

SCHEMATIZZAZIONE DEI CASI DI CARICO

LEGENDA TABELLA CASI DI CARICO

Il programma consente l'applicazione di diverse tipologie di casi di carico.
Sono previsti i seguenti 11 tipi di casi di carico:

	Sigla	*Tipo*	*Descrizione*
1	Ggk	A	caso di carico comprensivo del peso proprio struttura
2	Gk	NA	caso di carico con azioni permanenti
3	Qk	NA	caso di carico con azioni variabili
4	Gsk	A	caso di carico comprensivo dei carichi permanenti sui solai e sulle coperture
5	Qsk	A	caso di carico comprensivo dei carichi variabili sui solai
6	Qnk	A	caso di carico comprensivo dei carichi di neve sulle coperture
7	Qtk	SA	caso di carico comprensivo di una variazione termica agente sulla struttura
8	Qvk	NA	caso di carico comprensivo di azioni da vento sulla struttura
9	Esk	SA	caso di carico sismico con analisi statica equivalente
10	Edk	SA	caso di carico sismico con analisi dinamica
11	Etk	NA	caso di carico comprensivo di azioni derivanti dall' incremento di spinta delle terre in condizione sismica
12	Pk	NA	caso di carico comprensivo di azioni derivanti da coazioni, cedimenti e precompressioni

Sono di tipo automatico A (ossia non prevedono introduzione dati da parte dell'utente) i seguenti casi di carico: 1-Ggk; 4-Gsk; 5-Qsk; 6-Qnk.

Sono di tipo semi-automatico SA (ossia prevedono una minima introduzione dati da parte dell'utente) i seguenti casi di carico:
7-Qtk, in quanto richiede solo il valore della variazione termica;
9-Esk e 10-Edk, in quanto richiedono il valore dell'angolo di ingresso del sisma e l'individuazione dei casi di carico partecipanti alla definizione delle masse.

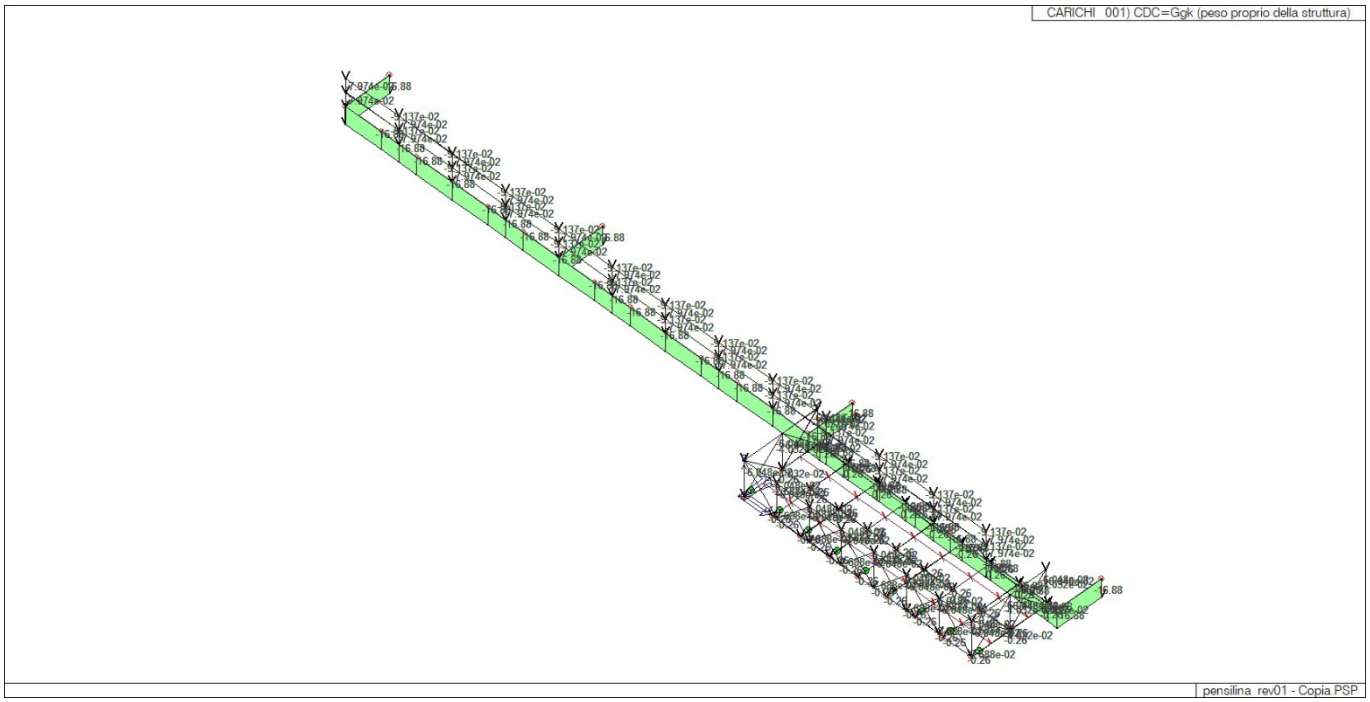
Sono di tipo non automatico NA ossia prevedono la diretta applicazione di carichi generici agli elementi strutturali (si veda il precedente punto Modellazione delle Azioni) i restanti casi di carico.

Nella tabella successiva vengono riportati i casi di carico agenti sulla struttura, con l'indicazione dei dati relativi al caso di carico stesso:
Numero Tipo e *Sigla identificativa*, *Valore di riferimento* del caso di carico (se previsto).

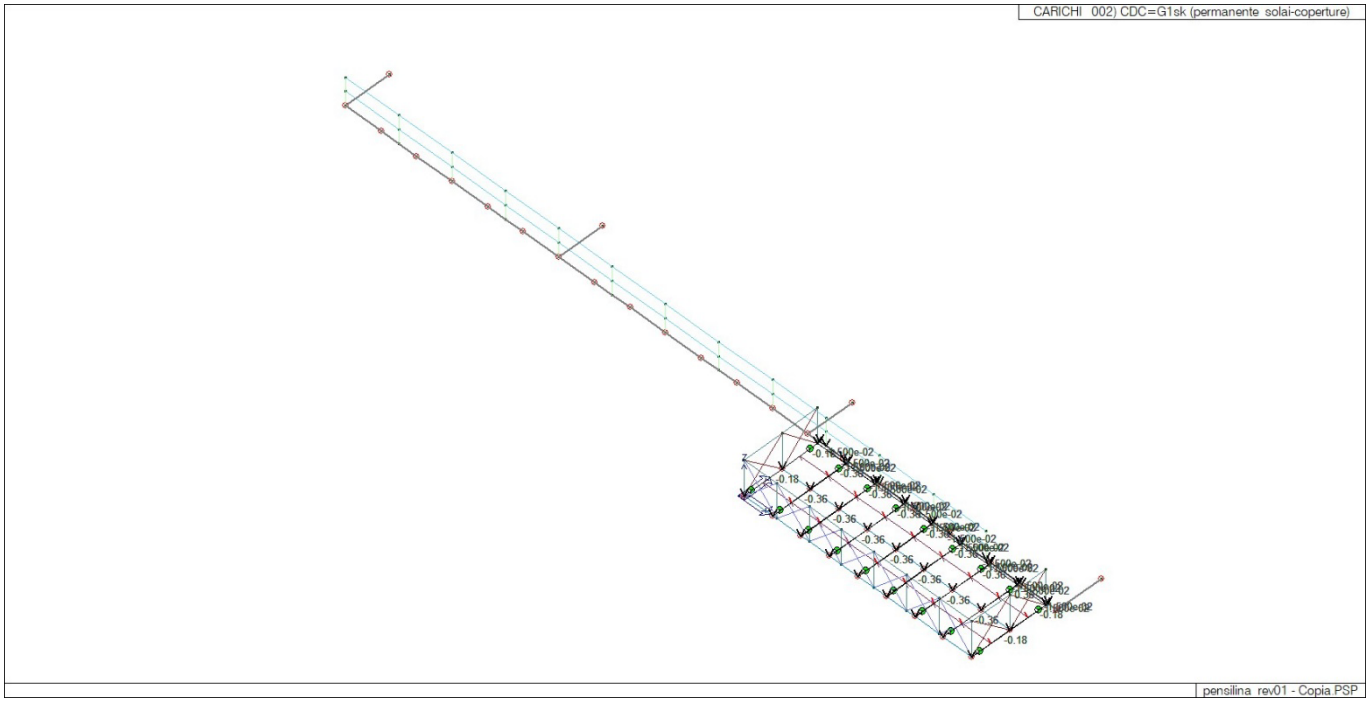
In successione, per i casi di carico non automatici, viene riportato l'elenco di nodi ed elementi direttamente caricati con la sigla identificativa del carico.

Per i casi di carico di tipo sismico (9-Esk e 10-Edk), viene riportata la tabella di definizione delle masse: per ogni caso di carico partecipante alla definizione delle masse viene indicata la relativa aliquota (partecipazione) considerata. Si precisa che per i caso di carico 5-Qsk e 6-Qnk la partecipazione è prevista localmente per ogni elemento solaio o copertura presente nel modello (si confronti il valore Sksol nel capitolo relativo agli elementi solaio) e pertanto la loro partecipazione è di norma pari a uno.

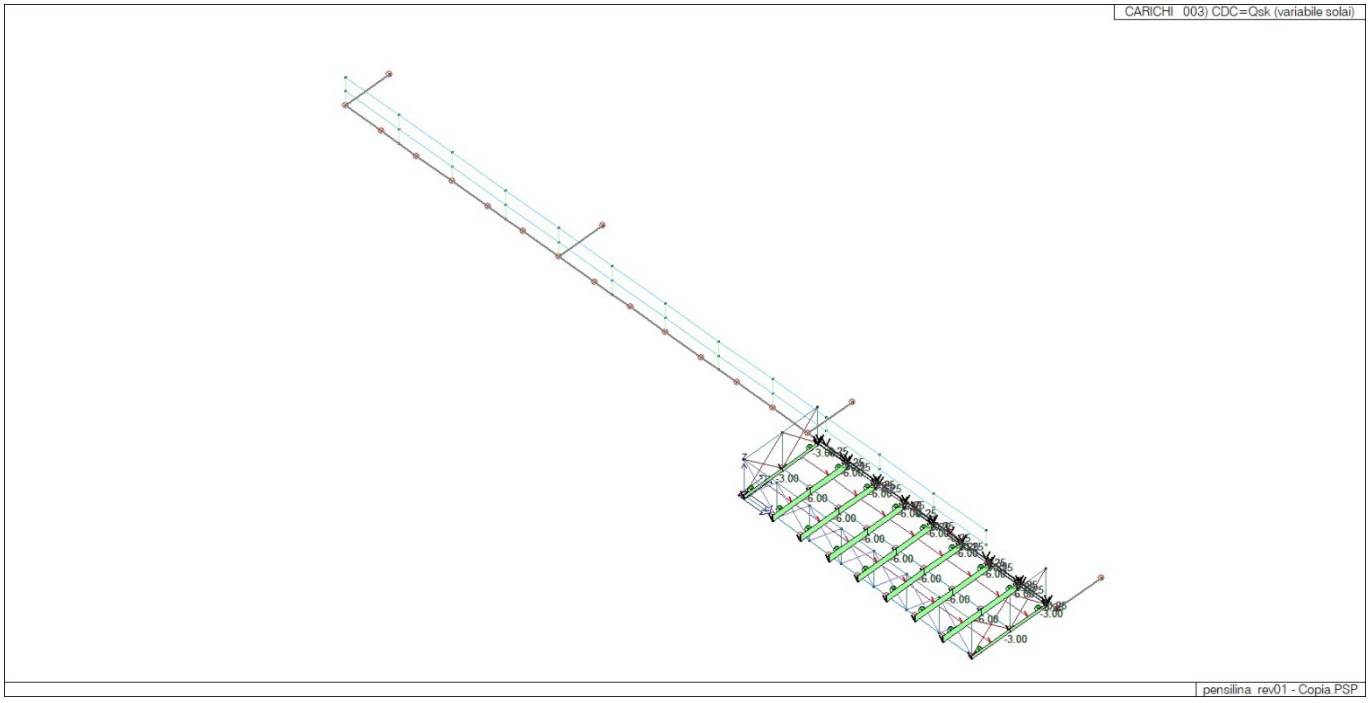
CDC	Tipo	Sigla Id	Note	Per non automatici:
1	Ggk	CDC=Ggk (peso proprio della struttura)		
2	Gsk	CDC=G1sk (permanente solai-coperture)		
3	Qsk	CDC=Qsk (variabile solai)		
4	Qk	CDC=Qk (variabile generico)	Azioni applicate:	Ad elementi:
			[9] CN:Fy=-2359.00	Nodi: 8, 10, 12, 38, 40, 47 # 49, 55, 57 # 59, 64
			[11] DG:Fyi=-1.50 Fyf=-1.50	D2: 7 # 9, 16 # 17, 58, 166
			[12] DG:Fxi=-1.50 Fxf=-1.50	D2: 120 # 121
			[13] DG:Fxi=1.50 Fxf=1.50	D2: 64, 73
5	Gk	CDC=G2k (permanente generico n.c.d.)	Azioni applicate:	Ad elementi:
			[10] CN:Fz=-500.00	Nodi: 20, 25, 50, 52



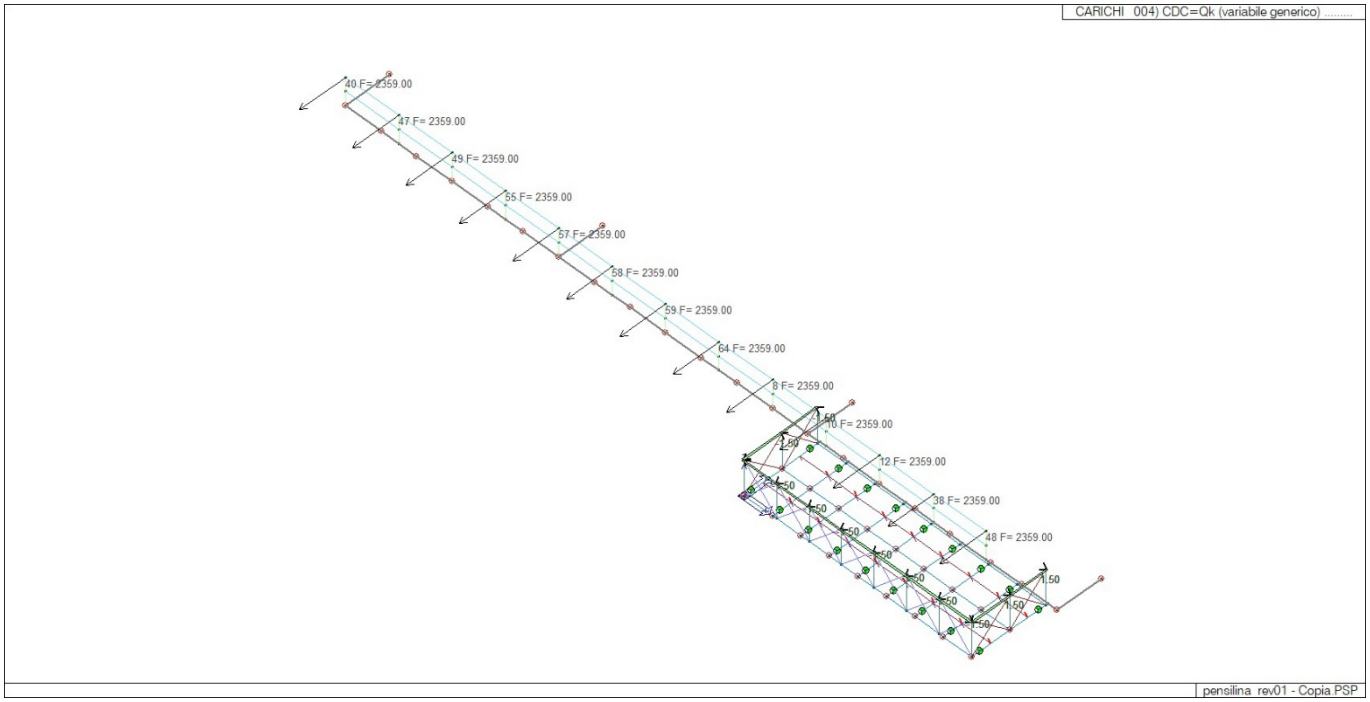
22_CDC_001_CDCGgk peso proprio della struttura



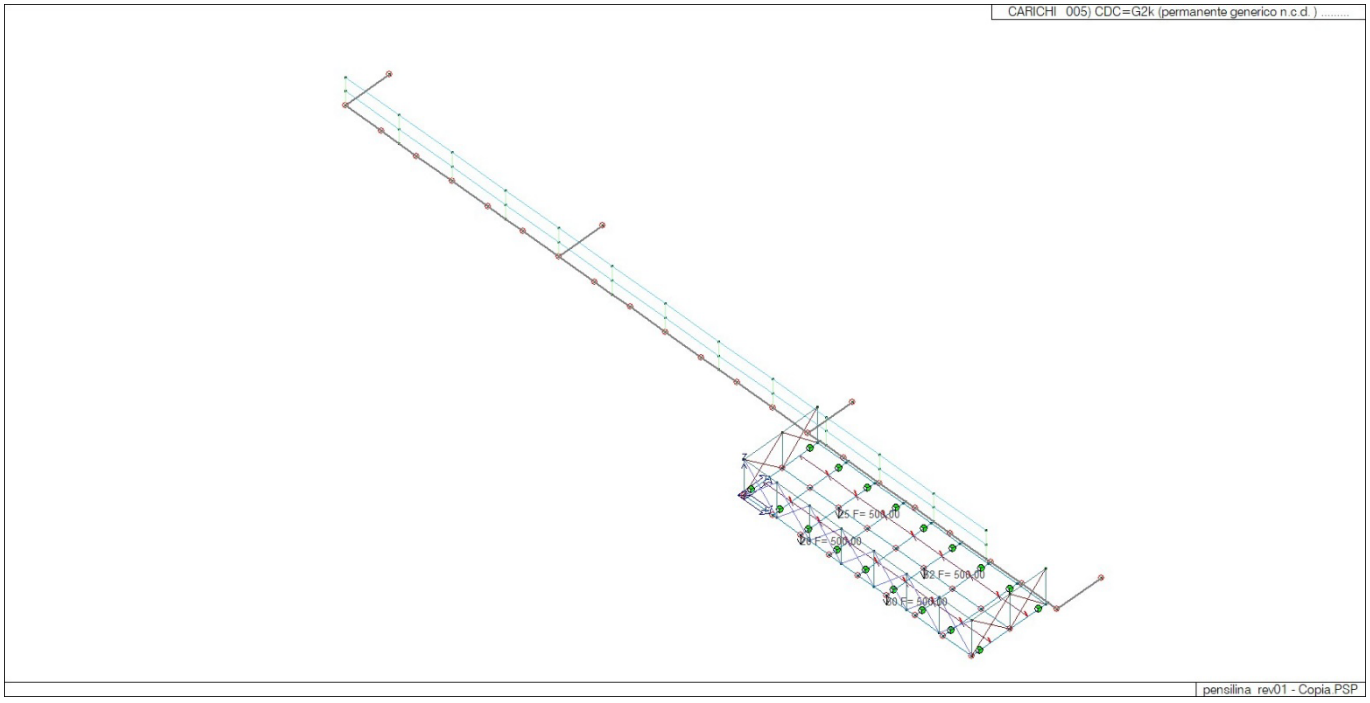
22_CDC_002_CDCG1sk permanente solai-coperture



22_CDC_003_CDCQsk variabile solai



22_CDC_004_CDCQk variabile generico



22_CDC_005_CDCG2k permanente generico ncd

DEFINIZIONE DELLE COMBINAZIONI

LEGENDA TABELLA COMBINAZIONI DI CARICO

Il programma combina i diversi tipi di casi di carico (CDC) secondo le regole previste dalla normativa vigente.
Le combinazioni previste sono destinate al controllo di sicurezza della struttura ed alla verifica degli spostamenti e delle sollecitazioni.

La prima tabella delle combinazioni riportata di seguito comprende le seguenti informazioni: Numero, Tipo, Sigla identificativa. Una seconda tabella riporta il peso nella combinazione assunto per ogni caso di carico.

Ai fini delle verifiche degli stati limite si definiscono le seguenti combinazioni delle azioni:

Combinazione fondamentale *SLU*

$$\gamma_{G1} \times G_1 + \gamma_{G2} \times G_2 + \gamma_P \times P + \gamma_{Q1} \times Q_{k1} + \gamma_{Q2} \times \psi_{02} \times Q_{k2} + \gamma_{Q3} \times \psi_{03} \times Q_{k3} + \ldots$$

Combinazione caratteristica *(rara) SLE*

$$G_1 + G_2 + P + Q_{k1} + \psi_{02} \times Q_{k2} + \psi_{03} \times Q_{k3} + \ldots$$

Combinazione frequente *SLE*

$$G_1 + G_2 + P + \psi_{11} \times Q_{k1} + \psi_{22} \times Q_{k2} + \psi_{23} \times Q_{k3} + \ldots$$

Combinazione quasi permanente *SLE*

$$G1 + G2 + P + \psi_{21} \times Q_{k1} + \psi_{22} \times Q_{k2} + \psi_{23} \times Q_{k3} + \ldots$$

Combinazione sismica*, impiegata per gli stati limite ultimi e di esercizio connessi all'azione sismica E*

$$E + G_1 + G_2 + P + \psi_{21} \times Q_{k1} + \psi_{22} \times Q_{k2} + \ldots$$

Combinazione eccezionale*, impiegata per gli stati limite connessi alle azioni eccezionali*

$$G_1 + G_2 + A_d + P + \psi_{21} \times Q_{k1} + \psi_{22} \times Q_{k2} + \ldots$$

Dove:

NTC 2018 Tabella 2.5.I

Destinazione d'uso/azione	*y0*	*y1*	*y2*
Categoria A residenziali	*0,70*	*0,50*	*0,30*
Categoria B uffici	*0,70*	*0,50*	*0,30*
Categoria C ambienti suscettibili di affollamento	*0,70*	*0,70*	*0,60*
Categoria D ambienti ad uso commerciale	*0,70*	*0,70*	*0,60*
Categoria E biblioteche, archivi, magazzini,…	*1,00*	*0,90*	*0,80*
Categoria F Rimesse e parcheggi (autoveicoli <= 30kN)	*0,70*	*0,70*	*0,60*
Categoria G Rimesse e parcheggi (autoveicoli > 30kN)	*0,70*	*0,50*	*0,30*
Categoria H Coperture	*0,00*	*0,00*	*0,00*
Vento	*0,60*	*0,20*	*0,00*
Neve a quota <= 1000 m	*0,50*	*0,20*	*0,00*
Neve a quota > 1000 m	*0,70*	*0,50*	*0,20*
Variazioni Termiche	*0,60*	*0,50*	*0,00*

Nelle verifiche possono essere adottati in alternativa due diversi approcci progettuali:
- per l'approccio 1 si considerano due diverse combinazioni di gruppi di coefficienti di sicurezza parziali per le azioni, per i materiali e per la resistenza globale (combinazione 1 con coefficienti A1 e combinazione 2 con coefficienti A2),
- per l'approccio 2 si definisce un'unica combinazione per le azioni, per la resistenza dei materiali e per la resistenza globale (con coefficienti A1).

NTC 2018 Tabella 2.6.I

		Coefficiente gf	EQU	A1	A2
Carichi permanenti	Favorevoli	gG1	0,9	1,0	1,0
	Sfavorevoli		1,1	1,3	1,0
Carichi permanenti non strutturali (Non compiutamente definiti)	Favorevoli	gG2	0,8	0,8	0,8
	Sfavorevoli		1,5	1,5	1,3
Carichi variabili	Favorevoli	gQi	0,0	0,0	0,0
	Sfavorevoli		1,5	1,5	1,3

Cmb	Tipo	Sigla Id	effetto P-delta
1	SLU	Comb. SLU A1 1	
2	SLU	Comb. SLU A1 2	
3	SLU	Comb. SLU A1 3	
4	SLU	Comb. SLU A1 4	
5	SLU	Comb. SLU A1 5	
6	SLU	Comb. SLU A1 6	
7	SLU	Comb. SLU A1 7	
8	SLU	Comb. SLU A1 8	
9	SLU	Comb. SLU A1 9	
10	SLU	Comb. SLU A1 10	
11	SLU	Comb. SLU A1 11	
12	SLU	Comb. SLU A1 12	
13	SLU	Comb. SLU A1 13	
14	SLU	Comb. SLU A1 14	
15	SLE(r)	Comb. SLE(rara) 15	
16	SLE(r)	Comb. SLE(rara) 16	
17	SLE(r)	Comb. SLE(rara) 17	
18	SLE(r)	Comb. SLE(rara) 18	
19	SLE(r)	Comb. SLE(rara) 19	
20	SLE(r)	Comb. SLE(rara) 20	
21	SLE(r)	Comb. SLE(rara) 21	
22	SLE(f)	Comb. SLE(freq.) 22	
23	SLE(f)	Comb. SLE(freq.) 23	
24	SLE(f)	Comb. SLE(freq.) 24	
25	SLE(f)	Comb. SLE(freq.) 25	
26	SLE(f)	Comb. SLE(freq.) 26	
27	SLE(f)	Comb. SLE(freq.) 27	
28	SLE(f)	Comb. SLE(freq.) 28	
29	SLE(p)	Comb. SLE(perm.) 29	
30	SLE(p)	Comb. SLE(perm.) 30	
31	SLE(p)	Comb. SLE(perm.) 31	
32	SLE(p)	Comb. SLE(perm.) 32	

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
1	1.30	1.30	0.0	0.0	1.50									
2	1.30	1.30	0.0	1.05	1.50									
3	1.30	1.30	1.50	0.0	1.50									
4	1.30	1.30	1.50	1.05	1.50									
5	1.00	1.00	0.0	0.0	0.80									
6	1.00	1.00	0.0	1.05	0.80									
7	1.00	1.00	1.50	0.0	0.80									

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
8	1.00	1.00	1.50	1.05	0.80									
9	1.30	1.30	0.0	1.50	1.50									
10	1.30	1.30	1.05	0.0	1.50									
11	1.30	1.30	1.05	1.50	1.50									
12	1.00	1.00	0.0	1.50	0.80									
13	1.00	1.00	1.05	0.0	0.80									
14	1.00	1.00	1.05	1.50	0.80									
15	1.00	1.00	0.0	0.0	1.00									
16	1.00	1.00	0.0	0.70	1.00									
17	1.00	1.00	1.00	0.0	1.00									
18	1.00	1.00	1.00	0.70	1.00									
19	1.00	1.00	0.0	1.00	1.00									
20	1.00	1.00	0.70	0.0	1.00									
21	1.00	1.00	0.70	1.00	1.00									
22	1.00	1.00	0.0	0.0	1.00									
23	1.00	1.00	0.0	0.60	1.00									
24	1.00	1.00	0.50	0.0	1.00									
25	1.00	1.00	0.50	0.60	1.00									
26	1.00	1.00	0.0	0.70	1.00									
27	1.00	1.00	0.30	0.0	1.00									
28	1.00	1.00	0.30	0.70	1.00									
29	1.00	1.00	0.0	0.0	1.00									
30	1.00	1.00	0.0	0.60	1.00									
31	1.00	1.00	0.30	0.0	1.00									
32	1.00	1.00	0.30	0.60	1.00									

RISULTATI OPERE DI FONDAZIONE

LEGENDA RISULTATI OPERE DI FONDAZIONE

Il controllo dei risultati delle analisi condotte, per quanto concerne le opere di fondazione, è possibile in relazione alle tabelle sotto riportate.

La prima tabella è riferita alle fondazioni tipo palo e plinto su pali.
Per questo tipo di fondazione vengono riportate le sei componenti di sollecitazione (espresse nel riferimento globale della struttura) per ogni palo componente l'opera.
In particolare viene riportato:

Nodo	numero del nodo a cui è applicato il plinto
Tipo	codice corrispondente al nome assegnato al tipo di plinto di fondazione: 3) palo singolo (*PALO*) 4) plinto su palo 5) plinto su due pali (*PL.2P*) 6) plinto su tre pali (*PL.3P*) 7) plinto su quattro pali (*PL.4P*) 8) plinto rettangolare su cinque pali (*PL.5P.R*) 9) plinto pentagonale su cinque pali (*PL.5P*) 10) plinto su sei pali (*PL.6P*)
Palo	numero del palo
Comb.	combinazione di carico in cui si verificano le sei componenti di sollecitazione.
Quota	quota assoluta della sezione del palo per cui si riportano le sei componenti di sollecitazione.

L'azione Fz (corrispondente allo sforzo normale nel palo) è costante poiché il peso del palo stesso non è considerato nella modellazione.

La seconda tabella è riferita alle fondazioni tipo plinto su suolo elastico.
Per questo tipo di fondazione vengono riportate le pressioni nei quattro vertici dell'impronta sul terreno.
In particolare viene riportato:

Nodo	numero del nodo a cui è applicato il plinto
Tipo	Codice identificativo del nome assegnato al plinto
area	area dell'impronta del plinto
Wink O Wink V	coefficienti di Winkler (orizzontale e verticale) adottati
Comb	Combinazione di carico in cui si verificano i valori riportati
Pt (P1 P2 P3 P4)	valori di pressione nei vertici

La terza tabella è riferita alle fondazioni tipo platea su suolo elastico.
Per questo tipo di fondazione vengono riportate le pressioni in ogni vertice (nodo) degli elementi costituenti la platea.

La quarta tabella è riferita alle fondazioni tipo trave su suolo elastico.
Per questo tipo di fondazione vengono riportate le pressioni alle estremità dell'elemento e la massima (in valore assoluto) pressione lungo lo sviluppo dell'elemento.
Vengono inoltre riportati, con funzione statistica, i valori massimo e minimo delle pressioni che compaiono nella tabella.

Nodo	Tipo	Palo	Cmb	Quota	Fx	Fy	Fz	Mx	My	Mz
				cm	daN	daN	daN	daN cm	daN cm	daN cm
1	PALO D 24.00	1	1	0.0	-2.82	-1.76	11.20	198.91	260.18	-2.38
		1	11	0.0	14.17	-460.70	-591.65	4311.52	-1058.47	104.10
		1	12	0.0	16.19	-459.03	-372.61	4240.65	-1251.64	105.52
		1	14	0.0	14.83	-460.29	-593.99	4265.57	-1115.46	104.69
		1	15	0.0	-2.17	-1.35	8.72	152.98	201.46	-1.81
		1	19	0.0	10.07	-306.47	-245.59	2878.11	-768.42	69.73
		1	21	0.0	9.16	-307.31	-393.18	2894.72	-677.63	69.17
		1	22	0.0	-2.17	-1.35	8.72	152.98	201.46	-1.81
		1	25	0.0	4.53	-185.02	-249.28	1799.93	-315.62	40.71
		1	26	0.0	6.40	-214.94	-169.30	2060.57	-477.46	48.26
		1	28	0.0	6.01	-215.29	-232.55	2067.69	-438.55	48.03
		1	29	0.0	-2.17	-1.35	8.72	152.98	201.46	-1.81
		1	30	0.0	5.17	-184.42	-143.86	1788.06	-380.47	41.11
		1	32	0.0	4.79	-184.78	-207.12	1795.18	-341.56	40.87
2	PALO D 24.00	1	1	0.0	2.96	-1.17	-0.48	177.78	-279.77	2.56
		1	3	0.0	4.91	-3.11	-314.33	217.14	-475.53	3.78
		1	8	0.0	12.59	-84.22	-528.22	-108.94	-398.11	277.11
		1	12	0.0	14.25	-117.17	-305.87	-270.44	-198.24	393.30
		1	15	0.0	2.26	-0.90	-0.60	136.73	-213.79	1.95
		1	17	0.0	3.55	-2.19	-209.83	162.97	-344.29	2.77
		1	18	0.0	9.16	-56.45	-352.15	-27.03	-337.90	185.41
		1	22	0.0	2.26	-0.90	-0.60	136.73	-213.79	1.95
		1	24	0.0	2.91	-1.55	-105.22	149.85	-279.04	2.36
		1	25	0.0	7.71	-48.05	-227.20	-13.00	-273.56	158.91
		1	29	0.0	2.26	-0.90	-0.60	136.73	-213.79	1.95
		1	31	0.0	2.65	-1.29	-63.37	144.61	-252.94	2.19
		1	32	0.0	7.45	-47.80	-185.36	-18.25	-247.46	158.74
3	PALO D 24.00	1	7	0.0	-0.14	2.39	-2603.48	-441.96	16.61	2.17e-03
		1	9	0.0	20.93	-1090.20	-7799.76	6.156e+04	-2102.33	-138.55
		1	14	0.0	21.04	-1090.92	-7018.64	6.169e+04	-2111.00	-138.53
		1	17	0.0	-0.16	2.39	-2603.50	-441.96	17.84	-4.76e-03
		1	19	0.0	13.93	-726.48	-5546.98	4.098e+04	-1398.83	-92.37
		1	21	0.0	13.96	-726.48	-5546.94	4.098e+04	-1400.57	-92.36
		1	24	0.0	-0.18	2.39	-2603.53	-441.96	19.08	-0.01
		1	26	0.0	9.69	-507.82	-4663.95	2.856e+04	-973.09	-64.66
		1	28	0.0	9.70	-507.82	-4663.94	2.856e+04	-973.83	-64.66
		1	30	0.0	8.28	-434.93	-4369.61	2.441e+04	-831.17	-55.43
		1	31	0.0	-0.19	2.39	-2603.54	-441.96	19.57	-0.01
		1	32	0.0	8.29	-434.93	-4369.59	2.441e+04	-831.92	-55.43
5	MICROPILE D 101.6x6.3 - PALO D 24.00	1	4	0.0	44.75	-624.91	-1473.35	3.287e+04	-4844.92	89.24
		1	5	0.0	-0.09	-9.12	-334.94	951.48	10.46	-0.41
		1	9	0.0	71.52	-888.73	-734.42	4.677e+04	-7769.16	129.35
		1	15	0.0	-0.04	-9.13	-334.50	952.04	5.81	-0.45
		1	18	0.0	29.80	-417.82	-1027.13	2.204e+04	-3226.07	59.46
		1	19	0.0	47.64	-593.70	-534.51	3.131e+04	-5175.57	86.19
		1	22	0.0	-0.04	-9.13	-334.50	952.04	5.81	-0.45
		1	25	0.0	26.80	-359.62	-730.82	1.908e+04	-2905.47	51.17
		1	26	0.0	33.34	-418.33	-474.51	2.220e+04	-3621.15	60.20
		1	29	0.0	-0.04	-9.13	-334.50	952.04	5.81	-0.45
		1	30	0.0	28.57	-359.87	-454.51	1.916e+04	-3103.02	51.54
		1	32	0.0	27.51	-359.72	-620.29	1.912e+04	-2984.49	51.31
6	PALO D 24.00	1	4	0.0	7.72	-557.61	-1954.03	2.892e+04	-632.59	19.73
		1	5	0.0	1.91	-6.93	-176.36	761.15	-204.21	0.37
		1	9	0.0	8.71	-797.21	-268.09	4.170e+04	-664.61	28.63
		1	11	0.0	9.10	-795.01	-1455.26	4.130e+04	-701.86	28.31
		1	15	0.0	2.38	-6.95	-178.72	760.97	-254.22	0.37
		1	18	0.0	5.15	-372.66	-1324.94	1.938e+04	-422.29	13.20
		1	19	0.0	5.81	-532.39	-200.98	2.790e+04	-443.63	19.13
		1	21	0.0	6.07	-530.92	-992.43	2.764e+04	-468.47	18.92
		1	22	0.0	2.38	-6.95	-178.72	760.97	-254.22	0.37
		1	25	0.0	4.62	-321.16	-757.40	1.686e+04	-385.61	11.48
		1	26	0.0	4.78	-374.76	-194.30	1.976e+04	-386.81	13.51
		1	28	0.0	4.89	-374.13	-533.49	1.965e+04	-397.45	13.42
		1	29	0.0	2.38	-6.95	-178.72	760.97	-254.22	0.37

Nodo	Tipo	Palo	Cmb	Quota	Fx	Fy	Fz	Mx	My	Mz
		1	30	0.0	4.44	-322.21	-192.08	1.704e+04	-367.87	11.63
		1	32	0.0	4.55	-321.58	-531.27	1.693e+04	-378.51	11.54
11	PALO D 24.00	1	3	0.0	-6.07	-2.55	-692.54	59.84	601.09	-1.56
		1	4	0.0	2.03	-187.10	-754.52	-1.067e+04	107.90	-20.74
		1	5	0.0	-3.02	-0.57	-97.85	38.28	297.07	-0.16
		1	12	0.0	8.55	-264.22	-186.39	-1.529e+04	-407.49	-27.56
		1	15	0.0	-3.52	-0.58	-102.07	38.37	349.13	-0.18
		1	17	0.0	-4.18	-1.77	-472.49	44.95	412.57	-1.05
		1	18	0.0	1.22	-124.81	-513.81	-7108.46	83.78	-13.84
		1	19	0.0	4.19	-176.35	-161.10	-1.018e+04	-120.57	-18.45
		1	22	0.0	-3.52	-0.58	-102.07	38.37	349.13	-0.18
		1	24	0.0	-3.85	-1.17	-287.28	41.66	380.85	-0.62
		1	25	0.0	0.78	-106.63	-322.70	-6089.83	99.03	-11.58
		1	26	0.0	1.88	-123.62	-143.39	-7115.04	20.34	-12.97
		1	29	0.0	-3.52	-0.58	-102.07	38.37	349.13	-0.18
		1	30	0.0	1.10	-106.04	-137.49	-6093.12	67.31	-11.14
		1	31	0.0	-3.72	-0.94	-213.20	40.34	368.16	-0.44
		1	32	0.0	0.91	-106.40	-248.61	-6091.15	86.34	-11.40
16	MICROPILE D 101.6x6.3 - PALO D 24.00	1	3	0.0	-6.23	-6.52	-1930.63	468.64	691.90	-0.91
		1	9	0.0	-6.74	-854.07	-190.77	4.470e+04	783.47	26.37
		1	11	0.0	-9.34	-850.74	-1368.95	4.421e+04	1075.87	25.45
		1	12	0.0	-5.34	-851.46	-128.47	4.443e+04	630.86	26.33
		1	17	0.0	-4.06	-5.50	-1310.23	433.82	450.54	-0.54
		1	19	0.0	-4.39	-570.53	-150.32	2.992e+04	511.59	17.65
		1	21	0.0	-6.13	-568.31	-935.77	2.959e+04	706.52	17.03
		1	24	0.0	-2.82	-7.08	-749.19	670.29	311.30	-0.10
		1	25	0.0	-4.51	-344.20	-726.49	1.808e+04	515.02	10.29
		1	26	0.0	-3.55	-401.97	-161.67	2.122e+04	409.73	12.46
		1	30	0.0	-3.27	-345.79	-165.45	1.832e+04	375.78	10.73
		1	31	0.0	-2.33	-7.72	-524.78	764.87	255.61	0.08
		1	32	0.0	-4.01	-344.84	-502.07	1.818e+04	459.32	10.46
20	PALO D 24.00	1	4	0.0	8.84	-98.03	-1426.37	-2.038e+04	-545.87	-38.85
		1	5	0.0	-0.21	-0.08	-454.73	10.63	6.03	1.22
		1	9	0.0	12.92	-137.13	-877.88	-2.913e+04	-791.39	-54.42
		1	12	0.0	12.58	-137.07	-530.38	-2.913e+04	-747.18	-54.76
		1	15	0.0	-0.03	-0.10	-546.50	10.73	-13.98	1.21
		1	18	0.0	5.77	-65.36	-962.60	-1.359e+04	-352.44	-25.73
		1	19	0.0	8.49	-91.42	-596.93	-1.942e+04	-516.12	-36.11
		1	22	0.0	-0.03	-0.10	-546.50	10.73	-13.98	1.21
		1	25	0.0	5.00	-55.56	-767.16	-1.164e+04	-308.74	-21.59
		1	26	0.0	5.93	-64.02	-581.80	-1.359e+04	-365.48	-24.92
		1	29	0.0	-0.03	-0.10	-546.50	10.73	-13.98	1.21
		1	30	0.0	5.08	-54.89	-576.76	-1.165e+04	-315.26	-21.18
		1	32	0.0	5.03	-55.29	-691.00	-1.164e+04	-311.35	-21.43
25	PALO D 24.00	1	4	0.0	2.04	-560.91	-2655.45	2.904e+04	-95.61	2.08
		1	5	0.0	-0.07	-6.51	-544.93	696.15	8.00	0.57
		1	9	0.0	3.02	-803.23	-967.83	4.200e+04	-162.92	3.78
		1	12	0.0	3.02	-801.80	-586.63	4.185e+04	-164.13	3.64
		1	15	0.0	-0.06	-6.28	-639.59	670.09	7.49	0.56
		1	18	0.0	1.35	-374.93	-1792.47	1.947e+04	-62.40	1.47
		1	19	0.0	2.00	-536.48	-667.39	2.811e+04	-107.27	2.60
		1	22	0.0	-0.06	-6.28	-639.59	670.09	7.49	0.56
		1	25	0.0	1.16	-323.15	-1222.98	1.693e+04	-56.14	1.53
		1	26	0.0	1.38	-377.42	-659.05	1.988e+04	-72.84	1.99
		1	29	0.0	-0.06	-6.28	-639.59	670.09	7.49	0.56
		1	30	0.0	1.17	-324.40	-656.27	1.713e+04	-61.37	1.79
		1	32	0.0	1.16	-323.65	-996.30	1.701e+04	-58.23	1.63
27	MICROPILE D 101.6x6.3 - PALO D 24.00	1	4	0.0	-34.99	-186.44	-1417.51	1.014e+04	4367.33	116.97
		1	5	0.0	0.41	-7.25	-309.78	790.56	-45.20	0.64
		1	9	0.0	-57.79	-262.74	-660.47	1.435e+04	7107.31	165.29
		1	12	0.0	-57.90	-260.55	-567.59	1.411e+04	7120.68	165.04
		1	15	0.0	0.41	-7.26	-309.76	790.93	-45.12	0.67
		1	18	0.0	-23.27	-125.26	-986.32	6867.17	2905.48	78.06
		1	19	0.0	-38.47	-176.12	-481.63	9669.69	4732.13	110.27
		1	22	0.0	0.41	-7.26	-309.76	790.93	-45.12	0.67
		1	25	0.0	-21.15	-108.47	-691.01	6048.74	2624.50	66.76
		1	26	0.0	-26.80	-125.46	-430.07	7006.06	3298.96	77.39
		1	29	0.0	0.41	-7.26	-309.76	790.93	-45.12	0.67

Nodo	Tipo	Palo	Cmb	Quota	Fx	Fy	Fz	Mx	My	Mz
		1	30	0.0	-22.92	-108.58	-412.88	6118.19	2821.23	66.43
		1	32	0.0	-21.86	-108.52	-579.76	6076.52	2703.19	66.63
28	PALO D 24.00	1	4	0.0	18.98	-40.93	-687.15	-1.125e+04	-1093.77	351.44
		1	5	0.0	1.22	-0.25	-86.32	31.46	-105.38	0.49
		1	11	0.0	25.69	-56.95	-527.89	-1.609e+04	-1431.70	500.87
		1	12	0.0	24.55	-55.52	-110.97	-1.611e+04	-1325.92	499.82
		1	15	0.0	1.26	-0.25	-87.26	31.54	-108.98	0.50
		1	18	0.0	12.79	-27.32	-469.11	-7492.86	-741.31	234.35
		1	19	0.0	16.81	-37.10	-103.69	-1.073e+04	-922.68	333.39
		1	21	0.0	17.27	-37.99	-362.94	-1.072e+04	-966.59	333.97
		1	22	0.0	1.26	-0.25	-87.26	31.54	-108.98	0.50
		1	25	0.0	10.92	-23.00	-282.29	-6420.68	-628.57	200.65
		1	26	0.0	12.15	-26.05	-98.76	-7500.51	-678.57	233.53
		1	28	0.0	12.34	-26.43	-209.87	-7498.21	-697.39	233.77
		1	29	0.0	1.26	-0.25	-87.26	31.54	-108.98	0.50
		1	30	0.0	10.59	-22.36	-97.12	-6424.50	-597.20	200.24
		1	32	0.0	10.79	-22.74	-208.22	-6422.21	-616.02	200.48
31	PALO D 24.00	1	4	0.0	1.26	-284.11	-4309.54	8019.34	36.22	278.03
		1	5	0.0	0.41	6.92	-2620.37	-724.06	-43.95	-0.68
		1	12	0.0	0.17	-416.53	-2889.01	1.290e+04	220.97	396.18
		1	15	0.0	0.41	6.90	-2620.49	-722.86	-44.01	-0.66
		1	18	0.0	0.89	-188.47	-3222.34	5249.05	18.32	185.25
		1	19	0.0	0.25	-275.40	-2799.58	8357.45	132.60	263.91
		1	22	0.0	0.41	6.90	-2620.49	-722.86	-44.01	-0.66
		1	25	0.0	0.61	-161.36	-2966.19	4533.17	31.30	158.44
		1	26	0.0	0.30	-190.71	-2745.86	5633.36	79.62	184.54
		1	29	0.0	0.41	6.90	-2620.49	-722.86	-44.01	-0.66
		1	30	0.0	0.32	-162.48	-2727.95	4725.33	61.95	158.08
		1	31	0.0	0.59	7.57	-2763.44	-838.16	-62.40	-0.45
		1	32	0.0	0.49	-161.81	-2870.89	4610.03	43.56	158.30
32	PALO D 24.00	1	4	0.0	10.38	-50.45	-772.78	-2.531e+04	-604.44	6.21
		1	5	0.0	0.07	0.20	-104.84	0.60	-14.71	0.67
		1	9	0.0	14.81	-69.07	-223.64	-3.616e+04	-852.88	9.46
		1	12	0.0	14.47	-69.10	-183.05	-3.616e+04	-813.47	9.25
		1	15	0.0	0.21	0.18	-108.82	0.63	-29.93	0.68
		1	18	0.0	6.86	-33.60	-527.05	-1.687e+04	-396.81	4.23
		1	19	0.0	9.81	-46.01	-160.95	-2.411e+04	-562.43	6.39
		1	22	0.0	0.21	0.18	-108.82	0.63	-29.93	0.68
		1	25	0.0	5.93	-28.26	-330.97	-1.446e+04	-346.49	3.88
		1	26	0.0	6.93	-32.16	-145.31	-1.688e+04	-402.68	4.68
		1	29	0.0	0.21	0.18	-108.82	0.63	-29.93	0.68
		1	30	0.0	5.97	-27.54	-140.10	-1.446e+04	-349.43	4.11
		1	32	0.0	5.95	-27.97	-254.62	-1.446e+04	-347.67	3.97
39	PALO D 24.00	1	4	0.0	10.68	-402.16	-1953.17	2.088e+04	-737.39	165.59
		1	5	0.0	1.71	-6.64	-175.94	728.02	-183.81	-0.26
		1	9	0.0	14.43	-575.79	-264.70	3.027e+04	-951.43	235.78
		1	15	0.0	2.13	-6.65	-178.69	727.74	-228.46	-0.24
		1	18	0.0	7.13	-268.99	-1324.10	1.402e+04	-492.28	110.35
		1	19	0.0	9.63	-384.74	-198.46	2.028e+04	-634.98	157.14
		1	22	0.0	2.13	-6.65	-178.69	727.74	-228.46	-0.24
		1	25	0.0	6.50	-232.34	-756.34	1.226e+04	-462.00	94.40
		1	26	0.0	7.38	-271.31	-192.53	1.441e+04	-513.03	109.93
		1	29	0.0	2.13	-6.65	-178.69	727.74	-228.46	-0.24
		1	30	0.0	6.63	-233.50	-190.55	1.246e+04	-472.37	94.19
		1	32	0.0	6.55	-232.81	-530.02	1.234e+04	-466.15	94.31
43	MICROPILE D 101.6x6.3 - PALO D 24.00	1	1	0.0	-3.46	-9.19	-233.40	1029.21	373.30	0.21
		1	4	0.0	2.35	-570.23	-1956.59	2.949e+04	30.26	77.85
		1	5	0.0	-1.83	-7.04	-175.71	791.73	197.57	0.16
		1	9	0.0	4.15	-815.00	-264.83	4.252e+04	-42.36	111.28
		1	15	0.0	-2.30	-7.06	-177.87	791.71	248.20	0.16
		1	18	0.0	1.57	-381.09	-1326.67	1.976e+04	19.51	51.92
		1	19	0.0	2.77	-544.27	-198.83	2.845e+04	-28.90	74.21
		1	22	0.0	-2.30	-7.06	-177.87	791.71	248.20	0.16
		1	25	0.0	0.90	-328.37	-757.51	1.719e+04	64.58	44.55
		1	26	0.0	1.25	-383.10	-192.54	2.015e+04	54.23	52.00
		1	29	0.0	-2.30	-7.06	-177.87	791.71	248.20	0.16
		1	30	0.0	0.74	-329.38	-190.45	1.739e+04	81.94	44.59
		1	32	0.0	0.84	-328.78	-530.69	1.727e+04	71.53	44.57

Nodo	Tipo	Palo	Cmb	Quota	Fx	Fy	Fz	Mx	My	Mz
50	PALO D 24.00	1	4	0.0	13.90	-15.16	-1435.89	-2.520e+04	-734.32	197.01
		1	5	0.0	0.16	0.27	-462.08	0.26	-6.92	-0.25
		1	12	0.0	19.86	-18.68	-531.85	-3.601e+04	-1063.86	280.93
		1	14	0.0	19.93	-20.23	-932.18	-3.601e+04	-1069.65	281.27
		1	15	0.0	0.07	0.25	-555.32	0.33	2.99	-0.24
		1	18	0.0	9.33	-10.06	-969.14	-1.680e+04	-495.76	131.30
		1	19	0.0	13.20	-12.38	-601.83	-2.401e+04	-701.63	187.21
		1	21	0.0	13.25	-13.41	-868.72	-2.401e+04	-705.49	187.44
		1	22	0.0	0.07	0.25	-555.32	0.33	2.99	-0.24
		1	25	0.0	7.99	-8.06	-773.86	-1.440e+04	-422.54	112.39
		1	26	0.0	9.26	-8.59	-587.88	-1.680e+04	-490.24	130.98
		1	28	0.0	9.29	-9.03	-702.26	-1.680e+04	-491.90	131.07
		1	29	0.0	0.07	0.25	-555.32	0.33	2.99	-0.24
		1	30	0.0	7.95	-7.33	-583.23	-1.440e+04	-419.78	112.23
		1	32	0.0	7.97	-7.77	-697.61	-1.440e+04	-421.44	112.33
52	MICROPILE D 101.6x6.3 - PALO D 24.00	1	4	0.0	6.15	-513.92	-2650.93	2.646e+04	-302.57	148.69
		1	5	0.0	-0.06	-5.92	-546.97	669.85	6.18	-0.12
		1	9	0.0	9.66	-735.62	-957.89	3.830e+04	-519.78	211.92
		1	12	0.0	9.68	-734.40	-575.28	3.817e+04	-522.52	211.93
		1	15	0.0	-0.06	-5.68	-641.97	641.81	6.56	-0.11
		1	18	0.0	4.09	-343.54	-1789.54	1.774e+04	-201.10	99.10
		1	19	0.0	6.43	-491.33	-660.85	2.564e+04	-345.90	141.26
		1	22	0.0	-0.06	-5.68	-641.97	641.81	6.56	-0.11
		1	25	0.0	3.64	-296.02	-1220.48	1.544e+04	-185.38	84.84
		1	26	0.0	4.48	-345.64	-655.19	1.814e+04	-240.16	98.85
		1	29	0.0	-0.06	-5.68	-641.97	641.81	6.56	-0.11
		1	30	0.0	3.83	-297.07	-653.30	1.564e+04	-204.92	84.71
		1	32	0.0	3.72	-296.44	-993.61	1.552e+04	-193.20	84.79
54	MICROPILE D 101.6x6.3 - PALO D 24.00	1	3	0.0	2.70	-5.11	-1902.49	345.34	-307.32	1.25
		1	9	0.0	18.68	-436.04	-140.05	2.312e+04	-1254.41	378.36
		1	12	0.0	18.97	-433.83	-90.66	2.288e+04	-1285.80	378.29
		1	14	0.0	21.60	-430.77	-1269.56	2.240e+04	-1579.85	379.12
		1	17	0.0	1.71	-4.37	-1291.15	335.19	-195.64	0.82
		1	19	0.0	12.37	-291.66	-116.19	1.552e+04	-827.04	252.22
		1	21	0.0	14.12	-289.62	-902.13	1.520e+04	-1023.08	252.78
		1	24	0.0	0.46	-5.83	-729.76	562.20	-55.62	0.42
		1	26	0.0	8.42	-206.35	-131.85	1.110e+04	-553.61	176.56
		1	28	0.0	9.17	-205.47	-468.68	1.096e+04	-637.62	176.80
		1	30	0.0	7.10	-177.91	-137.07	9625.86	-462.46	151.35
		1	31	0.0	-0.04	-6.41	-505.21	653.01	0.39	0.27
		1	32	0.0	7.85	-177.04	-473.90	9489.65	-546.48	151.58
56	PALO D 24.00	1	4	0.0	19.64	-16.79	-738.98	-2.034e+04	-1237.84	303.89
		1	5	0.0	2.60	0.10	-99.90	8.51	-259.26	-0.72
		1	11	0.0	26.03	-22.51	-581.09	-2.907e+04	-1567.51	433.75
		1	12	0.0	24.13	-21.06	-144.60	-2.907e+04	-1377.10	433.18
		1	15	0.0	3.01	0.09	-102.87	8.56	-302.48	-0.69
		1	18	0.0	13.22	-11.17	-504.39	-1.356e+04	-836.74	202.49
		1	19	0.0	17.37	-14.01	-132.67	-1.938e+04	-1047.70	288.57
		1	21	0.0	17.48	-14.99	-399.13	-1.938e+04	-1056.53	289.06
		1	22	0.0	3.01	0.09	-102.87	8.56	-302.48	-0.69
		1	25	0.0	11.70	-9.07	-311.08	-1.162e+04	-755.92	173.21
		1	26	0.0	13.06	-9.78	-123.73	-1.356e+04	-824.13	201.79
		1	28	0.0	13.11	-10.20	-237.93	-1.356e+04	-827.92	202.00
		1	29	0.0	3.01	0.09	-102.87	8.56	-302.48	-0.69
		1	30	0.0	11.63	-8.37	-120.75	-1.162e+04	-749.61	172.87
		1	32	0.0	11.67	-8.79	-234.95	-1.162e+04	-753.39	173.07
66	PALO D 24.00	1	1	0.0	-0.65	3.60	-3419.10	-637.17	67.98	-0.30
		1	5	0.0	-0.50	2.77	-2630.08	-490.13	52.32	-0.23
		1	11	0.0	1.25	-1035.46	-4057.83	4.745e+04	13.25	-0.11
		1	12	0.0	1.36	-1036.32	-3267.53	4.760e+04	0.10	-0.04
		1	15	0.0	-0.50	2.77	-2630.08	-490.13	52.30	-0.23
		1	19	0.0	0.74	-689.96	-3055.05	3.157e+04	17.49	-0.10
		1	21	0.0	0.77	-689.94	-3055.90	3.157e+04	15.82	-0.11
		1	22	0.0	-0.50	2.77	-2630.08	-490.13	52.30	-0.23
		1	26	0.0	0.37	-482.14	-2927.56	2.195e+04	27.94	-0.14
		1	28	0.0	0.38	-482.13	-2927.92	2.195e+04	27.22	-0.14
		1	29	0.0	-0.50	2.77	-2630.08	-490.13	52.30	-0.23
		1	30	0.0	0.24	-412.87	-2885.06	1.875e+04	31.42	-0.15

Nodo	Tipo	Palo	Cmb	Quota	Fx	Fy	Fz	Mx	My	Mz
		1	32	0.0	0.26	-412.86	-2885.43	1.875e+04	30.70	-0.15
68	PALO D 24.00	1	7	0.0	0.16	3.53	-2906.87	-595.92	-14.21	-0.32
		1	9	0.0	3.07	-1151.74	-6677.17	6.393e+04	-167.59	-21.45
		1	11	0.0	3.16	-1151.74	-6675.36	6.393e+04	-174.20	-21.54
		1	12	0.0	3.06	-1152.80	-5804.33	6.411e+04	-166.12	-21.40
		1	17	0.0	0.12	3.53	-2907.73	-594.71	-11.08	-0.28
		1	19	0.0	2.05	-767.35	-4839.37	4.254e+04	-112.35	-14.33
		1	21	0.0	2.11	-767.36	-4838.17	4.254e+04	-116.76	-14.39
		1	24	0.0	0.08	3.53	-2908.59	-593.46	-7.93	-0.23
		1	26	0.0	1.45	-536.09	-4260.39	2.960e+04	-80.08	-10.09
		1	28	0.0	1.47	-536.09	-4259.88	2.960e+04	-81.97	-10.11
		1	30	0.0	1.25	-459.00	-4067.40	2.529e+04	-69.32	-8.67
		1	31	0.0	0.06	3.53	-2908.93	-592.96	-6.67	-0.22
		1	32	0.0	1.27	-459.00	-4066.89	2.529e+04	-71.21	-8.70
70	PALO D 24.00	1	7	0.0	0.39	3.78	-2589.44	-643.94	-39.28	-0.14
		1	9	0.0	7.09	-1010.77	-4125.89	4.202e+04	-576.76	-13.49
		1	11	0.0	7.12	-1010.29	-4109.30	4.195e+04	-577.72	-13.82
		1	12	0.0	6.98	-1011.70	-3341.96	4.218e+04	-565.34	-13.59
		1	17	0.0	0.38	3.56	-2597.34	-610.87	-38.84	0.02
		1	19	0.0	4.77	-673.43	-3099.02	2.794e+04	-389.55	-8.95
		1	21	0.0	4.79	-673.12	-3087.96	2.789e+04	-390.19	-9.17
		1	24	0.0	0.37	3.33	-2605.24	-577.69	-38.38	0.17
		1	26	0.0	3.45	-470.47	-2953.26	1.940e+04	-284.06	-6.17
		1	28	0.0	3.45	-470.34	-2948.52	1.938e+04	-284.34	-6.26
		1	30	0.0	3.00	-402.82	-2904.67	1.655e+04	-248.90	-5.24
		1	31	0.0	0.36	3.24	-2608.40	-564.41	-38.20	0.24
		1	32	0.0	3.01	-402.68	-2899.93	1.653e+04	-249.18	-5.33
72	PALO D 24.00	1	5	0.0	-1.13	5.00	-2828.69	-672.49	119.98	1.70
		1	11	0.0	-5.31	-889.56	-6049.42	4.108e+04	768.83	265.75
		1	12	0.0	-4.15	-891.47	-5084.33	4.139e+04	643.80	266.16
		1	15	0.0	-1.13	5.00	-2828.71	-672.23	119.98	1.69
		1	19	0.0	-3.15	-592.65	-4332.47	2.737e+04	469.20	178.00
		1	21	0.0	-3.69	-592.37	-4410.10	2.730e+04	528.55	177.40
		1	22	0.0	-1.13	5.00	-2828.71	-672.23	119.98	1.69
		1	26	0.0	-2.54	-413.36	-3881.34	1.896e+04	364.43	125.11
		1	28	0.0	-2.77	-413.23	-3914.61	1.893e+04	389.87	124.85
		1	29	0.0	-1.13	5.00	-2828.71	-672.23	119.98	1.69
		1	30	0.0	-2.34	-353.59	-3730.97	1.615e+04	329.51	107.48
		1	32	0.0	-2.57	-353.47	-3764.23	1.612e+04	354.95	107.22
74	PALO D 24.00	1	5	0.0	0.72	7.54	-2787.37	-805.97	-77.47	1.13
		1	9	0.0	13.92	-634.21	-4637.00	2.333e+04	-1262.99	4.82
		1	11	0.0	13.31	-631.87	-5121.18	2.293e+04	-1196.28	3.97
		1	12	0.0	13.70	-636.41	-3800.45	2.357e+04	-1239.76	4.51
		1	15	0.0	0.72	7.52	-2787.52	-804.46	-77.47	1.12
		1	19	0.0	9.38	-421.79	-3462.90	1.545e+04	-852.32	3.37
		1	21	0.0	8.97	-420.23	-3785.69	1.518e+04	-807.86	2.80
		1	22	0.0	0.72	7.52	-2787.52	-804.46	-77.47	1.12
		1	25	0.0	5.63	-248.95	-3423.31	8756.87	-510.62	2.06
		1	26	0.0	6.78	-293.00	-3260.29	1.057e+04	-619.87	2.70
		1	29	0.0	0.72	7.52	-2787.52	-804.46	-77.47	1.12
		1	30	0.0	5.91	-250.07	-3192.75	8946.26	-542.38	2.47
		1	32	0.0	5.74	-249.40	-3331.09	8832.62	-523.32	2.23
91	PALO D 24.00	1	5	0.0	0.07	2.49	-2602.89	-453.28	-8.80	-0.04
		1	11	0.0	17.81	-1056.32	-5680.06	5.412e+04	-1763.00	-153.29
		1	12	0.0	17.74	-1057.08	-4898.87	5.426e+04	-1757.75	-153.29
		1	15	0.0	0.07	2.49	-2602.89	-453.28	-8.82	-0.04
		1	19	0.0	11.85	-703.89	-4133.55	3.602e+04	-1174.78	-102.20
		1	21	0.0	11.88	-703.88	-4133.76	3.602e+04	-1176.50	-102.20
		1	22	0.0	0.07	2.49	-2602.89	-453.28	-8.82	-0.04
		1	26	0.0	8.32	-491.98	-3674.35	2.508e+04	-824.99	-71.55
		1	28	0.0	8.33	-491.97	-3674.44	2.508e+04	-825.73	-71.55
		1	29	0.0	0.07	2.49	-2602.89	-453.28	-8.82	-0.04
		1	30	0.0	7.14	-421.34	-3521.28	2.143e+04	-708.40	-61.34
		1	32	0.0	7.16	-421.33	-3521.37	2.143e+04	-709.13	-61.33
92	PALO D 24.00	1	5	0.0	-0.09	2.63	-2597.66	-469.64	8.29	-0.14
		1	11	0.0	9.70	-1047.44	-4336.38	4.999e+04	-892.32	-83.90
		1	12	0.0	9.68	-1048.25	-3556.31	5.014e+04	-892.29	-83.86
		1	14	0.0	9.72	-1048.23	-3557.08	5.013e+04	-894.77	-83.86

Nodo	Tipo	Palo	Cmb	Quota	Fx	Fy	Fz	Mx	My	Mz
		1	15	0.0	-0.09	2.63	-2597.66	-469.63	8.28	-0.14
		1	19	0.0	6.42	-697.96	-3236.76	3.327e+04	-592.11	-55.95
		1	21	0.0	6.45	-697.94	-3237.27	3.327e+04	-593.77	-55.95
		1	22	0.0	-0.09	2.63	-2597.66	-469.63	8.28	-0.14
		1	26	0.0	4.47	-487.78	-3045.03	2.315e+04	-411.99	-39.21
		1	28	0.0	4.48	-487.78	-3045.25	2.315e+04	-412.71	-39.21
		1	29	0.0	-0.09	2.63	-2597.66	-469.63	8.28	-0.14
		1	30	0.0	3.82	-417.72	-2981.12	1.977e+04	-351.96	-33.63
		1	32	0.0	3.83	-417.72	-2981.34	1.977e+04	-352.67	-33.63
93	PALO D 24.00	1	5	0.0	0.24	6.23	-2585.15	-669.46	-26.26	-1.08
		1	11	0.0	-2.95	-295.19	-4856.71	9755.97	562.87	464.94
		1	12	0.0	-3.90	-298.69	-3656.92	1.026e+04	662.51	464.13
		1	15	0.0	0.24	6.21	-2585.22	-668.77	-26.32	-1.06
		1	19	0.0	-2.52	-197.06	-3299.74	6620.51	432.86	309.08
		1	21	0.0	-1.93	-195.96	-3582.45	6414.35	371.78	309.81
		1	22	0.0	0.24	6.21	-2585.22	-668.77	-26.32	-1.06
		1	25	0.0	-1.00	-114.96	-3215.87	3557.54	205.56	185.54
		1	26	0.0	-1.69	-136.08	-3085.39	4433.73	295.11	216.04
		1	29	0.0	0.24	6.21	-2585.22	-668.77	-26.32	-1.06
		1	30	0.0	-1.41	-115.75	-3013.93	3704.80	249.19	185.02
		1	32	0.0	-1.16	-115.28	-3135.10	3616.45	223.01	185.33
94	PALO D 24.00	1	5	0.0	-0.93	2.95	-2716.89	-515.97	97.98	-0.28
		1	9	0.0	-5.11	-1041.33	-4723.38	4.918e+04	694.83	65.75
		1	11	0.0	-5.06	-1041.29	-4724.95	4.918e+04	691.89	65.72
		1	12	0.0	-4.83	-1042.21	-3908.32	4.934e+04	665.48	65.83
		1	15	0.0	-0.93	2.95	-2716.90	-515.98	97.96	-0.28
		1	19	0.0	-3.53	-693.82	-3511.18	3.272e+04	476.30	43.79
		1	21	0.0	-3.50	-693.80	-3512.22	3.272e+04	474.33	43.78
		1	22	0.0	-0.93	2.95	-2716.90	-515.98	97.96	-0.28
		1	26	0.0	-2.75	-484.79	-3272.89	2.275e+04	362.80	30.57
		1	28	0.0	-2.73	-484.78	-3273.34	2.275e+04	361.95	30.56
		1	29	0.0	-0.93	2.95	-2716.90	-515.98	97.96	-0.28
		1	30	0.0	-2.49	-415.11	-3193.46	1.942e+04	324.96	26.16
		1	32	0.0	-2.47	-415.10	-3193.91	1.942e+04	324.12	26.16
95	PALO D 24.00	1	5	0.0	-0.97	3.19	-2838.42	-548.89	102.64	-0.30
		1	9	0.0	-6.32	-1064.10	-5909.15	5.370e+04	828.93	81.18
		1	11	0.0	-6.26	-1064.07	-5910.07	5.369e+04	824.74	81.13
		1	12	0.0	-6.03	-1065.05	-5057.62	5.386e+04	798.18	81.27
		1	15	0.0	-0.97	3.19	-2838.42	-548.91	102.62	-0.30
		1	19	0.0	-4.34	-708.97	-4317.89	3.573e+04	566.32	54.08
		1	21	0.0	-4.30	-708.96	-4318.50	3.572e+04	563.52	54.05
		1	22	0.0	-0.97	3.19	-2838.42	-548.91	102.62	-0.30
		1	26	0.0	-3.33	-495.32	-3874.05	2.484e+04	427.21	37.77
		1	28	0.0	-3.31	-495.32	-3874.31	2.484e+04	426.01	37.75
		1	29	0.0	-0.97	3.19	-2838.42	-548.91	102.62	-0.30
		1	30	0.0	-2.99	-424.11	-3726.10	2.122e+04	380.84	32.33
		1	32	0.0	-2.97	-424.10	-3726.37	2.121e+04	379.64	32.32
96	PALO D 24.00	1	4	0.0	7.00	-411.91	-4443.46	1.324e+04	-584.52	40.08
		1	5	0.0	0.45	7.68	-2713.57	-799.59	-48.14	0.51
		1	9	0.0	10.19	-598.18	-3732.84	2.028e+04	-858.77	57.70
		1	12	0.0	10.06	-600.42	-2918.39	2.052e+04	-844.30	57.55
		1	15	0.0	0.45	7.65	-2713.73	-797.89	-48.15	0.51
		1	18	0.0	4.73	-273.57	-3324.03	8720.11	-396.09	26.79
		1	19	0.0	6.85	-397.75	-2850.28	1.341e+04	-578.93	38.53
		1	22	0.0	0.45	7.65	-2713.73	-797.89	-48.15	0.51
		1	25	0.0	4.19	-234.31	-3053.02	7513.85	-354.82	23.15
		1	26	0.0	4.93	-276.13	-2809.32	9149.78	-419.69	27.13
		1	29	0.0	0.45	7.65	-2713.73	-797.89	-48.15	0.51
		1	30	0.0	4.29	-235.59	-2795.66	7728.68	-366.62	23.32
		1	32	0.0	4.23	-234.82	-2950.08	7599.78	-359.54	23.22
97	PALO D 24.00	1	7	0.0	1.18	3.49	-2815.15	-600.64	-123.19	-0.30
		1	9	0.0	12.65	-1060.44	-5999.63	5.218e+04	-1182.94	-124.08
		1	11	0.0	12.75	-1060.25	-5992.14	5.215e+04	-1191.71	-124.25
		1	12	0.0	12.34	-1061.41	-5151.88	5.235e+04	-1149.70	-124.07
		1	17	0.0	1.13	3.40	-2818.71	-587.85	-119.03	-0.22
		1	19	0.0	8.57	-706.53	-4376.53	3.471e+04	-803.37	-82.73
		1	21	0.0	8.64	-706.40	-4371.54	3.469e+04	-809.22	-82.84
		1	24	0.0	1.08	3.31	-2822.28	-575.00	-114.86	-0.14

Nodo	Tipo	Palo	Cmb	Quota	Fx	Fy	Fz	Mx	My	Mz
		1	26	0.0	6.31	-493.61	-3911.32	2.413e+04	-595.57	-57.93
		1	28	0.0	6.34	-493.55	-3909.19	2.412e+04	-598.07	-57.98
		1	30	0.0	5.55	-422.63	-3756.25	2.060e+04	-526.30	-49.66
		1	31	0.0	1.06	3.28	-2823.70	-569.86	-113.19	-0.11
		1	32	0.0	5.58	-422.58	-3754.12	2.059e+04	-528.80	-49.71
98	PALO D 24.00	1	7	0.0	1.06	3.57	-2675.77	-616.04	-110.97	-0.26
		1	9	0.0	12.05	-1031.42	-4860.27	4.597e+04	-1113.09	-99.87
		1	11	0.0	12.15	-1031.07	-4846.16	4.593e+04	-1121.02	-100.11
		1	12	0.0	11.77	-1032.35	-4051.50	4.614e+04	-1083.15	-99.89
		1	17	0.0	1.02	3.40	-2682.49	-592.65	-107.22	-0.15
		1	19	0.0	8.16	-687.21	-3599.64	3.058e+04	-755.34	-66.57
		1	21	0.0	8.22	-686.97	-3590.23	3.054e+04	-760.62	-66.73
		1	24	0.0	0.97	3.24	-2689.21	-569.17	-103.44	-0.03
		1	26	0.0	5.99	-480.13	-3328.53	2.124e+04	-558.64	-46.57
		1	28	0.0	6.02	-480.02	-3324.50	2.123e+04	-560.90	-46.64
		1	30	0.0	5.27	-411.10	-3238.16	1.813e+04	-493.07	-39.91
		1	31	0.0	0.96	3.17	-2691.90	-559.77	-101.93	0.01
		1	32	0.0	5.29	-411.00	-3234.12	1.811e+04	-495.33	-39.98
99	PALO D 24.00	1	3	0.0	0.60	13.55	-4256.29	-1653.80	-61.76	0.19
		1	11	0.0	5.73	-536.97	-3923.96	1.688e+04	-376.25	208.97
		1	12	0.0	5.49	-541.86	-2573.20	1.757e+04	-351.84	208.80
		1	17	0.0	0.44	10.05	-3193.45	-1206.68	-45.28	0.11
		1	19	0.0	3.75	-358.77	-2605.65	1.145e+04	-244.88	139.18
		1	21	0.0	3.86	-356.97	-2971.90	1.115e+04	-254.94	139.30
		1	24	0.0	0.36	8.76	-2931.85	-989.77	-38.09	0.03
		1	26	0.0	2.71	-248.90	-2625.03	7785.83	-180.69	97.41
		1	28	0.0	2.76	-248.13	-2781.99	7655.69	-185.00	97.46
		1	30	0.0	2.37	-212.27	-2631.49	6563.16	-159.29	83.49
		1	31	0.0	0.33	8.24	-2827.20	-903.00	-35.22	-7.93e-03
		1	32	0.0	2.41	-211.50	-2788.45	6433.02	-163.60	83.54
100	PALO D 24.00	1	7	0.0	-0.55	4.18	-2604.15	-687.35	61.19	0.05
		1	9	0.0	1.02	-991.71	-4113.74	4.132e+04	77.43	105.07
		1	11	0.0	0.89	-991.16	-4108.40	4.123e+04	94.02	104.61
		1	12	0.0	1.13	-992.73	-3330.22	4.149e+04	66.22	104.86
		1	17	0.0	-0.48	3.92	-2606.69	-645.80	53.27	0.26
		1	19	0.0	0.63	-660.68	-3090.73	2.747e+04	56.63	70.14
		1	21	0.0	0.54	-660.32	-3087.18	2.741e+04	67.69	69.83
		1	24	0.0	-0.42	3.66	-2609.23	-604.16	45.38	0.48
		1	25	0.0	0.17	-394.79	-2896.60	1.621e+04	56.87	42.15
		1	26	0.0	0.34	-461.46	-2947.04	1.906e+04	50.88	49.31
		1	30	0.0	0.24	-395.05	-2899.14	1.626e+04	48.97	42.37
		1	31	0.0	-0.39	3.55	-2610.24	-587.50	42.22	0.57
		1	32	0.0	0.20	-394.90	-2897.62	1.623e+04	53.71	42.23
101	PALO D 24.00	1	5	0.0	-0.96	4.01	-2693.88	-603.96	101.71	1.18
		1	11	0.0	-4.33	-944.08	-4856.15	4.053e+04	657.21	222.91
		1	12	0.0	-3.61	-945.82	-4013.89	4.081e+04	578.77	223.22
		1	15	0.0	-0.96	4.01	-2693.88	-603.93	101.70	1.17
		1	19	0.0	-2.73	-629.21	-3573.88	2.701e+04	419.74	149.20
		1	21	0.0	-3.01	-628.85	-3596.62	2.694e+04	451.71	148.77
		1	22	0.0	-0.96	4.01	-2693.88	-603.93	101.70	1.17
		1	26	0.0	-2.20	-439.24	-3309.88	1.872e+04	324.33	104.79
		1	28	0.0	-2.32	-439.09	-3319.63	1.869e+04	338.03	104.61
		1	29	0.0	-0.96	4.01	-2693.88	-603.93	101.70	1.17
		1	30	0.0	-2.02	-375.92	-3221.88	1.596e+04	292.52	89.99
		1	32	0.0	-2.14	-375.77	-3231.63	1.593e+04	306.22	89.80
102	PALO D 24.00	1	5	0.0	0.49	5.27	-2544.95	-599.37	-52.83	-1.24
		1	11	0.0	-4.31	-155.26	-6036.53	6622.03	719.03	433.53
		1	12	0.0	-5.50	-157.28	-4963.66	6950.27	843.67	432.65
		1	15	0.0	0.49	5.27	-2544.97	-599.25	-52.89	-1.22
		1	19	0.0	-3.50	-103.10	-4157.45	4433.84	544.78	288.03
		1	21	0.0	-2.81	-102.80	-4363.66	4334.71	472.34	288.84
		1	22	0.0	0.49	5.27	-2544.97	-599.25	-52.89	-1.22
		1	26	0.0	-2.30	-70.59	-3673.71	2923.92	365.48	201.26
		1	28	0.0	-2.01	-70.46	-3762.08	2881.43	334.43	201.60
		1	29	0.0	0.49	5.27	-2544.97	-599.25	-52.89	-1.22
		1	30	0.0	-1.90	-59.75	-3512.46	2420.61	305.71	172.33
		1	32	0.0	-1.61	-59.62	-3600.84	2378.12	274.66	172.68
103	PALO D 24.00	1	5	0.0	-0.23	6.34	-2926.65	-766.66	24.21	1.99

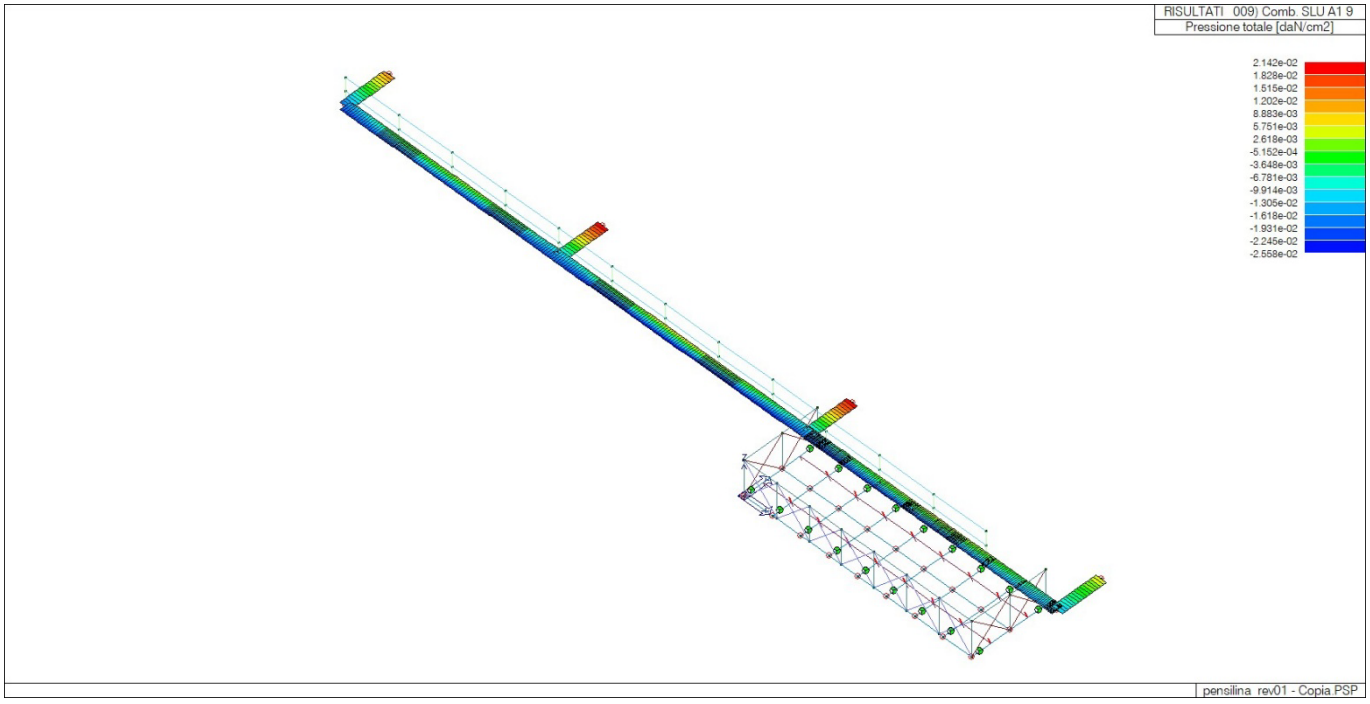
Nodo	Tipo	Palo	Cmb	Quota	Fx	Fy	Fz	Mx	My	Mz
		1	11	0.0	3.83	-905.96	-6834.64	4.908e+04	-198.76	173.86
		1	12	0.0	4.99	-908.03	-5713.87	4.942e+04	-324.23	174.44
		1	15	0.0	-0.23	6.33	-2926.70	-766.00	24.23	1.98
		1	19	0.0	3.25	-603.25	-4784.84	3.269e+04	-208.06	116.94
		1	21	0.0	2.52	-603.12	-4946.62	3.262e+04	-129.29	116.18
		1	22	0.0	-0.23	6.33	-2926.70	-766.00	24.23	1.98
		1	26	0.0	2.20	-420.37	-4227.40	2.265e+04	-138.38	82.45
		1	28	0.0	1.89	-420.32	-4296.73	2.262e+04	-104.61	82.13
		1	29	0.0	-0.23	6.33	-2926.70	-766.00	24.23	1.98
		1	30	0.0	1.86	-359.42	-4041.59	1.931e+04	-115.15	70.96
		1	32	0.0	1.55	-359.36	-4110.92	1.928e+04	-81.38	70.63
104	PALO D 24.00	1	5	0.0	0.71	7.05	-2882.05	-791.06	-76.14	1.79
		1	9	0.0	14.11	-726.14	-5841.46	3.278e+04	-1290.89	54.01
		1	11	0.0	13.13	-724.63	-6221.05	3.250e+04	-1184.20	52.81
		1	12	0.0	13.89	-728.21	-4976.62	3.302e+04	-1268.12	53.51
		1	15	0.0	0.71	7.03	-2882.15	-789.96	-76.11	1.77
		1	19	0.0	9.50	-483.15	-4278.53	2.175e+04	-870.76	36.25
		1	21	0.0	8.85	-482.14	-4531.58	2.156e+04	-799.63	35.45
		1	22	0.0	0.71	7.03	-2882.15	-789.96	-76.11	1.77
		1	26	0.0	6.86	-336.09	-3859.61	1.499e+04	-632.37	25.91
		1	28	0.0	6.58	-335.66	-3968.07	1.491e+04	-601.88	25.57
		1	29	0.0	0.71	7.03	-2882.15	-789.96	-76.11	1.77
		1	30	0.0	5.98	-287.08	-3719.98	1.273e+04	-552.90	22.46
		1	32	0.0	5.70	-286.64	-3828.43	1.265e+04	-522.42	22.12
105	PALO D 24.00	1	4	0.0	10.47	-27.12	-771.77	-2.672e+04	-492.77	89.59
		1	5	0.0	-0.75	0.30	-102.84	-2.09	82.27	0.17
		1	9	0.0	15.57	-35.71	-224.29	-3.818e+04	-769.71	128.04
		1	14	0.0	16.24	-37.33	-586.16	-3.818e+04	-842.01	127.93
		1	15	0.0	-0.95	0.29	-106.27	-2.07	102.89	0.17
		1	18	0.0	6.99	-18.03	-526.40	-1.782e+04	-328.54	59.75
		1	19	0.0	10.38	-23.76	-161.41	-2.545e+04	-513.17	85.38
		1	21	0.0	10.38	-24.80	-428.48	-2.545e+04	-513.30	85.34
		1	22	0.0	-0.95	0.29	-106.27	-2.07	102.89	0.17
		1	25	0.0	5.85	-14.88	-330.12	-1.527e+04	-266.84	51.27
		1	26	0.0	6.99	-16.54	-144.87	-1.782e+04	-328.35	59.82
		1	28	0.0	6.99	-16.99	-259.33	-1.782e+04	-328.41	59.80
		1	29	0.0	-0.95	0.29	-106.27	-2.07	102.89	0.17
		1	30	0.0	5.85	-14.14	-139.35	-1.527e+04	-266.75	51.30
		1	32	0.0	5.85	-14.59	-253.81	-1.527e+04	-266.80	51.28
107	PALO D 24.00	1	1	0.0	-0.23	4.46	-2008.37	-718.12	24.27	-0.05
		1	14	0.0	108.60	-1102.16	5695.88	6.294e+04	-7342.99	-123.41
		1	15	0.0	-0.18	3.43	-1544.90	-552.41	18.68	-0.04
		1	21	0.0	72.34	-733.63	3282.29	4.178e+04	-4889.11	-82.29
		1	22	0.0	-0.18	3.43	-1544.90	-552.41	18.68	-0.04
		1	28	0.0	50.58	-512.51	1834.07	2.908e+04	-3416.44	-57.61
		1	29	0.0	-0.18	3.43	-1544.90	-552.41	18.68	-0.04
		1	32	0.0	43.33	-438.81	1351.38	2.485e+04	-2925.79	-49.39
108	PALO D 24.00	1	1	0.0	0.21	6.02	-2049.40	-922.02	-15.55	-0.22
		1	11	0.0	16.75	-1171.97	9857.22	6.614e+04	-987.48	-19.07
		1	12	0.0	16.56	-1173.34	1.032e+04	6.636e+04	-974.19	-18.95
		1	14	0.0	16.70	-1173.36	1.033e+04	6.636e+04	-983.91	-19.02
		1	15	0.0	0.16	4.63	-1576.46	-709.22	-11.97	-0.17
		1	19	0.0	11.10	-780.68	6355.00	4.400e+04	-653.44	-12.69
		1	21	0.0	11.19	-780.70	6361.29	4.400e+04	-659.92	-12.74
		1	22	0.0	0.16	4.63	-1576.46	-709.22	-11.97	-0.17
		1	26	0.0	7.81	-545.09	3975.56	3.059e+04	-461.00	-8.93
		1	28	0.0	7.85	-545.09	3978.26	3.059e+04	-463.78	-8.95
		1	29	0.0	0.16	4.63	-1576.46	-709.22	-11.97	-0.17
		1	30	0.0	6.72	-466.56	3182.42	2.612e+04	-396.85	-7.68
		1	32	0.0	6.76	-466.56	3185.11	2.612e+04	-399.63	-7.70
109	PALO D 24.00	1	1	0.0	1.61	8.18	-2005.21	-921.06	-126.40	-1.37
		1	12	0.0	-282.80	-164.52	2682.47	7730.35	1.746e+04	391.58
		1	14	0.0	-282.60	-164.23	2758.80	7598.47	1.740e+04	392.77
		1	15	0.0	1.25	6.30	-1542.51	-708.61	-97.74	-1.06
		1	19	0.0	-188.12	-107.58	1274.18	4917.45	1.161e+04	260.71
		1	21	0.0	-187.99	-107.39	1325.06	4829.53	1.157e+04	261.50
		1	22	0.0	1.25	6.30	-1542.51	-708.61	-97.74	-1.06
		1	26	0.0	-131.31	-73.42	429.17	3229.64	8097.12	182.18

Nodo	Tipo	Palo	Cmb	Quota	Fx	Fy	Fz	Mx	My	Mz
		1	28	0.0	-131.26	-73.34	450.98	3191.95	8080.74	182.52
		1	29	0.0	1.25	6.30	-1542.51	-708.61	-97.74	-1.06
		1	30	0.0	-112.37	-62.03	147.50	2667.03	6926.42	156.00
		1	32	0.0	-112.32	-61.95	169.31	2629.35	6910.05	156.34
110	PALO D 24.00	1	1	0.0	-1.92	9.64	-2052.18	-1147.14	128.45	2.29
		1	11	0.0	-107.99	-926.40	9680.67	5.130e+04	6507.46	158.01
		1	12	0.0	-107.28	-928.65	1.009e+04	5.166e+04	6409.71	158.64
		1	14	0.0	-107.57	-928.61	1.015e+04	5.157e+04	6478.76	157.50
		1	15	0.0	-1.48	7.43	-1578.63	-882.92	99.22	1.77
		1	19	0.0	-72.01	-616.63	6197.78	3.415e+04	4305.86	106.34
		1	21	0.0	-72.20	-616.60	6243.26	3.408e+04	4351.89	105.58
		1	22	0.0	-1.48	7.43	-1578.63	-882.92	99.22	1.77
		1	26	0.0	-50.85	-429.41	3864.86	2.364e+04	3043.86	74.97
		1	28	0.0	-50.93	-429.40	3884.35	2.361e+04	3063.59	74.64
		1	29	0.0	-1.48	7.43	-1578.63	-882.92	99.22	1.77
		1	30	0.0	-43.80	-367.01	3087.21	2.014e+04	2623.20	64.51
		1	32	0.0	-43.88	-367.00	3106.71	2.011e+04	2642.93	64.19
Nodo					Fx	Fy	Fz	Mx	My	Mz
					-282.80	-1173.36	-7799.76	-3.818e+04	-7769.16	-153.29
					108.60	13.55	1.033e+04	6.636e+04	1.746e+04	500.87

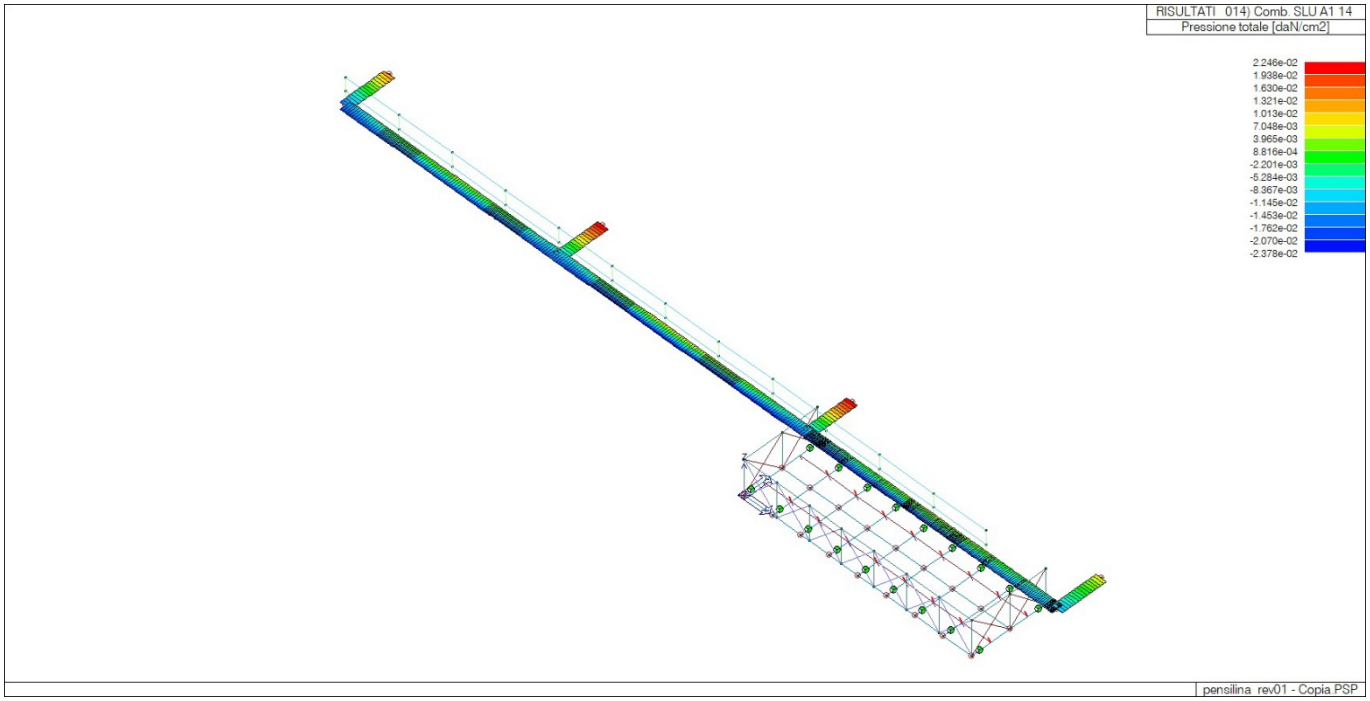
Elem.	Cmb	Pt ini	Pt fin	Pt max	Cmb	Pt ini	Pt fin	Pt max	Cmb	Pt ini	Pt fin	Pt max
		daN/cm2	daN/cm2	daN/cm2		daN/cm2	daN/cm2	daN/cm2		daN/cm2	daN/cm2	daN/cm2
30	11	-0.02	-0.02	-0.02	21	-0.01	-0.02	-0.02	28	-0.01	-0.01	-0.01
	32	-0.01	-0.01	-0.01								
147	11	-0.02	-0.02	-0.02	21	-0.01	-0.01	-0.01	28	-0.01	-0.01	-0.01
	32	-0.01	-0.01	-0.01								
148	11	-0.02	-0.02	-0.02	21	-0.02	-0.02	-0.02	28	-0.01	-0.01	-0.01
	32	-0.01	-0.01	-0.01								
149	11	-0.02	-0.02	-0.02	21	-0.01	-0.01	-0.01	28	-0.01	-0.01	-0.01
	32	-0.01	-0.01	-0.01								
150	11	-0.02	-0.02	-0.02	21	-0.01	-0.01	-0.01	28	-9.61e-03	-9.37e-03	-9.61e-03
	32	-9.11e-03	-8.89e-03	-9.11e-03								
151	11	-0.02	-0.02	-0.02	21	-0.01	-0.01	-0.01	28	-0.01	-0.01	-0.01
	32	-0.01	-0.01	-0.01								
152	11	-0.02	-0.02	-0.02	21	-0.02	-0.02	-0.02	28	-0.01	-0.01	-0.01
	32	-0.01	-0.01	-0.01								
153	11	-0.02	-0.02	-0.02	21	-0.02	-0.02	-0.02	28	-0.01	-0.01	-0.01
	32	-0.01	-0.01	-0.01								
154	11	-0.02	-0.02	-0.02	21	-0.02	-0.02	-0.02	28	-0.01	-0.01	-0.01
	32	-0.01	-0.01	-0.01								
155	11	-0.02	-0.02	-0.02	21	-0.01	-0.02	-0.02	28	-0.01	-0.01	-0.01
	32	-0.01	-0.01	-0.01								
156	11	-0.02	-0.02	-0.02	21	-0.02	-0.02	-0.02	28	-0.01	-0.01	-0.01
	32	-0.01	-0.01	-0.01								
157	11	-0.02	-0.02	-0.02	21	-0.02	-0.02	-0.02	28	-0.01	-0.01	-0.01
	32	-0.01	-0.01	-0.01								
158	11	-0.02	-0.02	-0.02	21	-0.02	-0.02	-0.02	28	-0.01	-0.01	-0.01
	32	-0.01	-0.01	-0.01								
159	11	-0.02	-0.02	-0.02	21	-0.02	-0.02	-0.02	28	-0.01	-0.01	-0.01
	32	-0.01	-0.01	-0.01								
160	11	-0.02	-0.02	-0.02	21	-0.02	-0.02	-0.02	28	-0.01	-0.01	-0.01
	32	-0.01	-0.01	-0.01								
161	9	-0.02	-0.02	-0.02	19	-0.01	-0.02	-0.02	26	-0.01	-0.01	-0.01
	30	-0.01	-0.01	-0.01								
162	11	-0.02	-0.02	-0.02	21	-0.02	-0.02	-0.02	28	-0.01	-0.01	-0.01
	32	-0.01	-0.01	-0.01								
163	11	-0.02	-0.02	-0.02	21	-0.02	-0.01	-0.02	28	-0.01	-0.01	-0.01
	32	-0.01	-0.01	-0.01								
164	11	-0.02	-0.02	-0.02	21	-0.02	-0.02	-0.02	28	-0.01	-0.01	-0.01
	32	-0.01	-0.01	-0.01								
165	9	-0.02	-0.02	-0.02	19	-0.02	-0.02	-0.02	26	-0.01	-0.01	-0.01
	30	-0.01	-0.01	-0.01								
167	9	-0.02	-0.02	-0.02	19	-0.02	-0.02	-0.02	26	-0.01	-0.01	-0.01
	30	-0.01	-0.01	-0.01								

168	11	-0.02	-0.02	-0.02	21	-0.02	-0.01	-0.02	28	-0.01	-0.01	-0.01
	32	-0.01	-0.01	-0.01								
169	9	-0.03	-0.03	-0.03	19	-0.02	-0.02	-0.02	26	-0.01	-0.01	-0.01
	30	-0.01	-0.01	-0.01								
170	11	-0.02	-0.02	-0.02	21	-0.02	-0.02	-0.02	28	-0.01	-0.01	-0.01
	32	-0.01	-0.01	-0.01								
171	11	-0.02	-0.02	-0.02	21	-0.02	-0.02	-0.02	28	-0.01	-0.01	-0.01
	32	-0.01	-0.01	-0.01								
172	9	-0.02	-0.03	-0.03	19	-0.02	-0.02	-0.02	26	-0.01	-0.01	-0.01
	30	-0.01	-0.01	-0.01								
173	11	-0.02	-0.02	-0.02	21	-0.01	-0.01	-0.01	28	-0.01	-0.01	-0.01
	32	-0.01	-9.79e-03	-0.01								
174	11	-0.03	-0.02	-0.03	21	-0.02	-0.02	-0.02	28	-0.01	-0.01	-0.01
	32	-0.01	-0.01	-0.01								
175	11	-0.02	-0.02	-0.02	21	-0.01	-0.01	-0.01	28	-0.01	-0.01	-0.01
	32	-0.01	-0.01	-0.01								
176	11	-0.03	-0.03	-0.03	21	-0.02	-0.02	-0.02	28	-0.01	-0.01	-0.01
	32	-0.01	-0.01	-0.01								
177	11	-0.02	-0.02	-0.02	21	-0.01	-0.01	-0.01	28	-0.01	-0.01	-0.01
	32	-9.79e-03	-9.73e-03	-9.79e-03								
178	11	-0.02	-0.02	-0.02	21	-0.02	-0.01	-0.02	28	-0.01	-0.01	-0.01
	32	-0.01	-0.01	-0.01								
179	11	-0.02	-0.02	-0.02	21	-0.02	-0.02	-0.02	28	-0.01	-0.01	-0.01
	32	-0.01	-0.01	-0.01								
180	11	-0.02	-0.02	-0.02	21	-0.01	-0.01	-0.01	28	-0.01	-9.61e-03	-0.01
	32	-9.73e-03	-9.11e-03	-9.73e-03								
187	9	-0.02	0.01	-0.02	19	-0.01	7.58e-03	-0.01	26	-0.01	4.30e-03	-0.01
	30	-9.78e-03	3.20e-03	-9.78e-03								
188	9	-0.01	0.02	0.02	19	-0.01	0.01	0.01	26	-9.26e-03	8.65e-03	-9.26e-03
	30	-8.84e-03	6.92e-03	-8.84e-03								
189	11	-0.01	0.02	0.02	21	-0.01	0.01	0.01	28	-9.34e-03	8.45e-03	-9.34e-03
	32	-8.94e-03	6.76e-03	-8.94e-03								
190	11	-0.01	5.26e-03	-0.01	21	-9.74e-03	3.06e-03	-9.74e-03	28	-8.36e-03	1.11e-03	-8.36e-03
	32	-7.98e-03	4.72e-04	-7.98e-03								

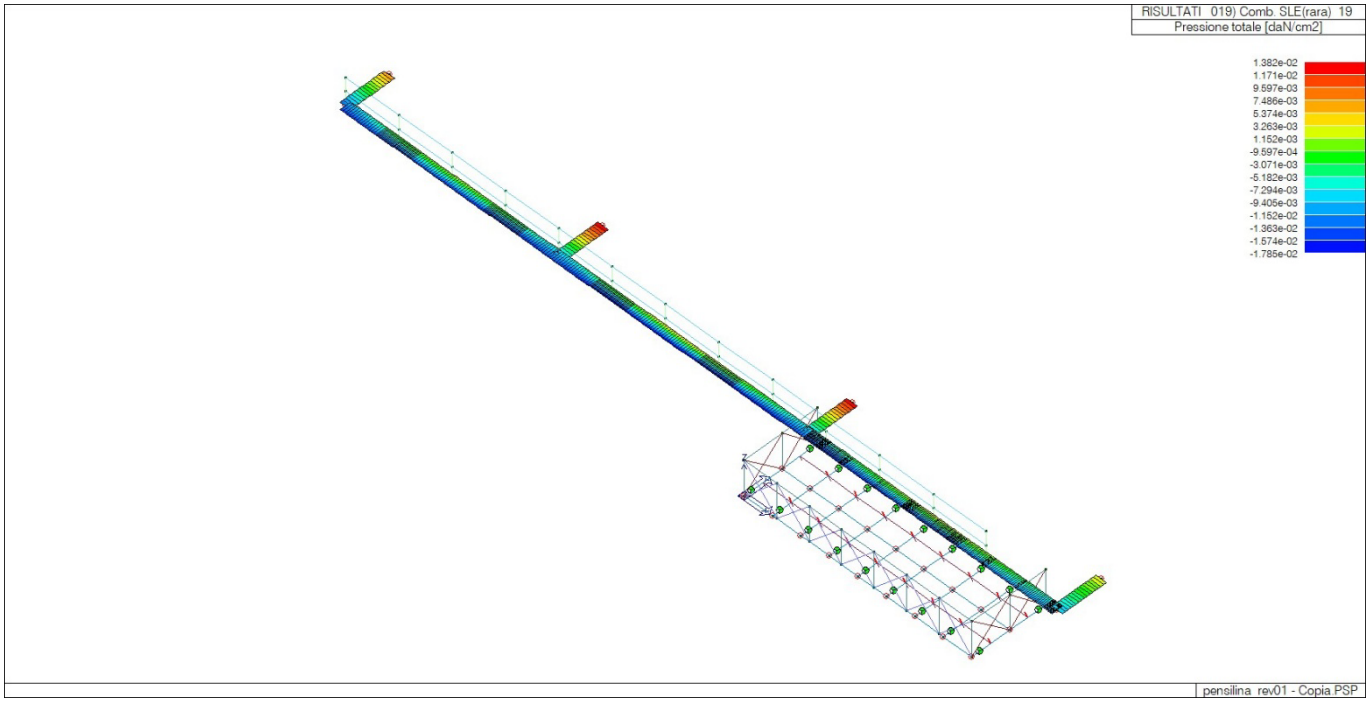
Elem.		Pt ini	Pt fin	Pt max		Pt ini	Pt fin	Pt max		Pt ini	Pt fin	Pt max
		-0.03										
		0.02										



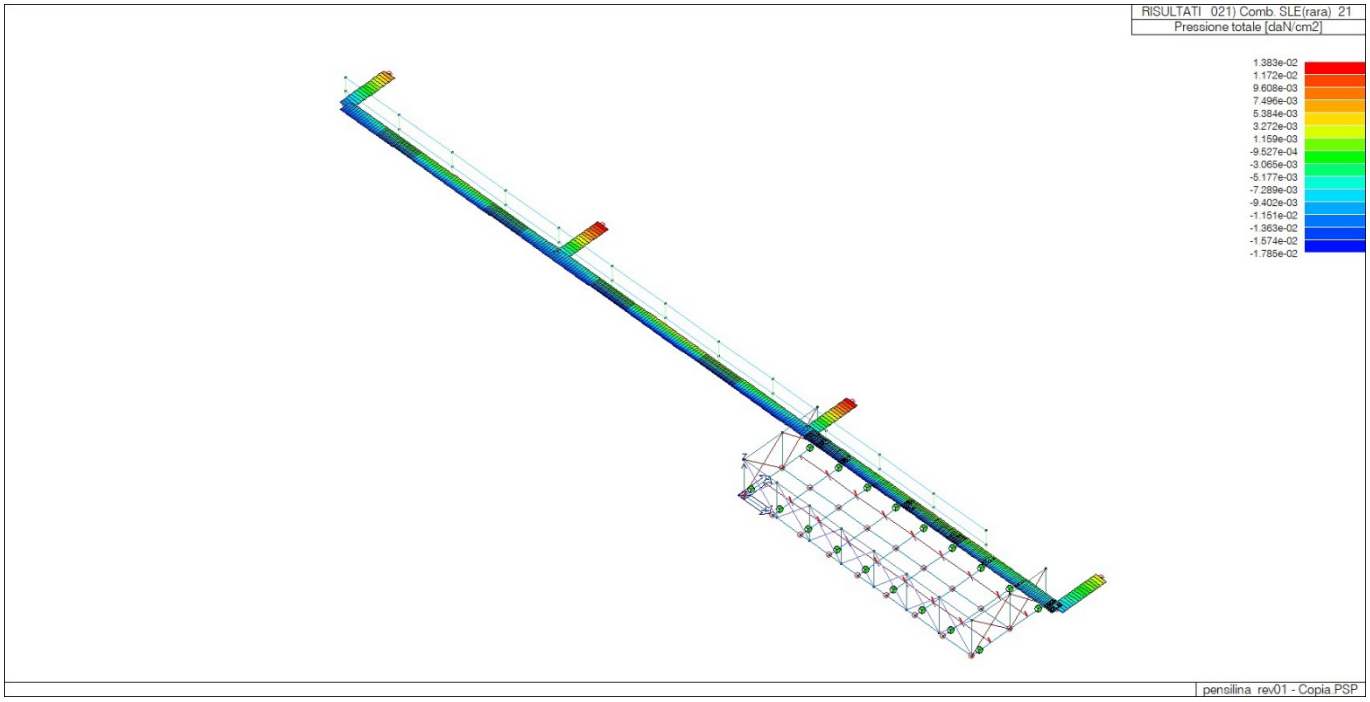
46_RIS_PRESSIONI_009_Comb SLU A1 9



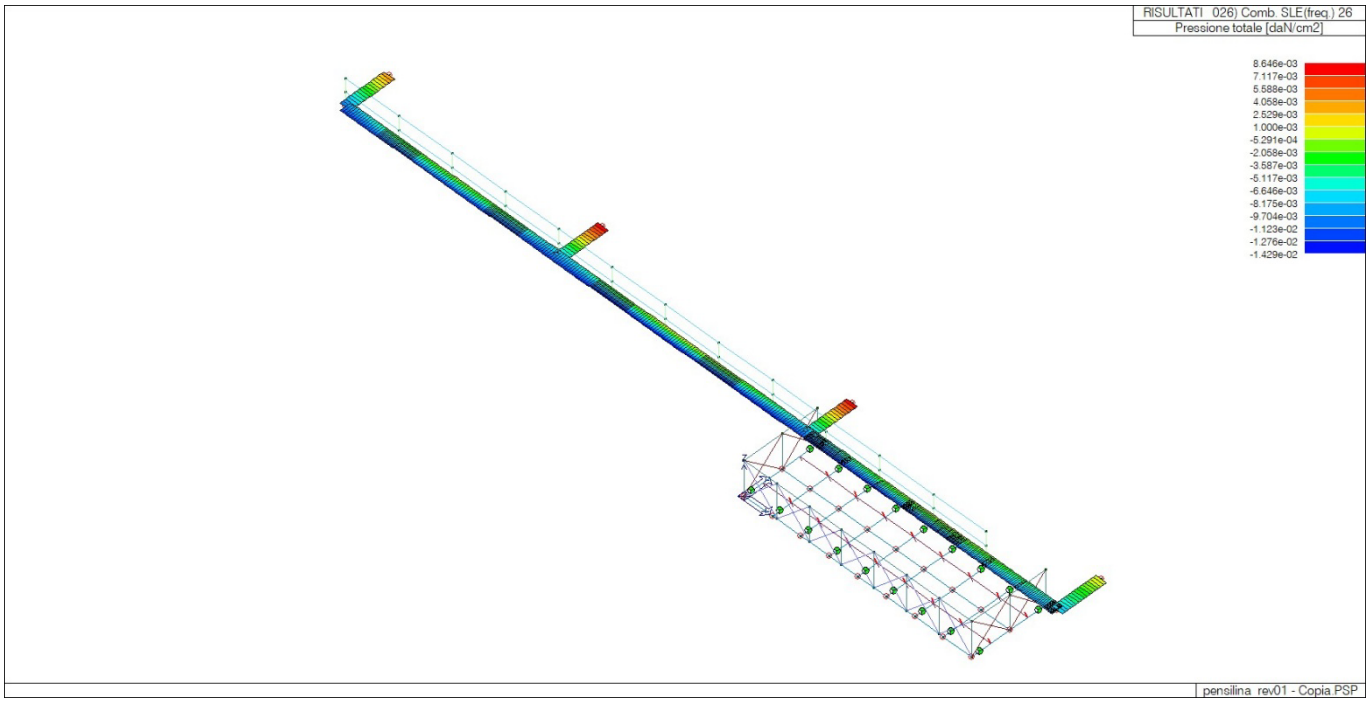
46_RIS_PRESSIONI_014_Comb SLU A1 14



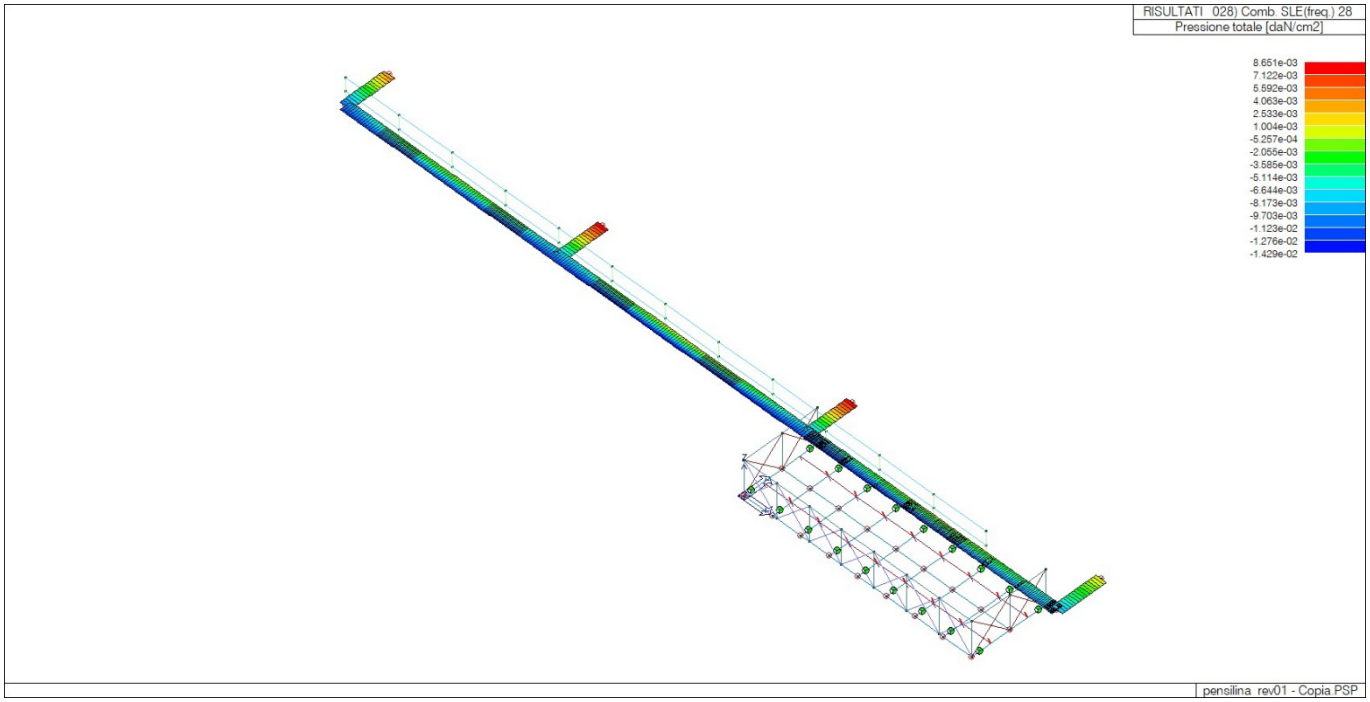
46_RIS_PRESSIONI_019_Comb SLErara 19



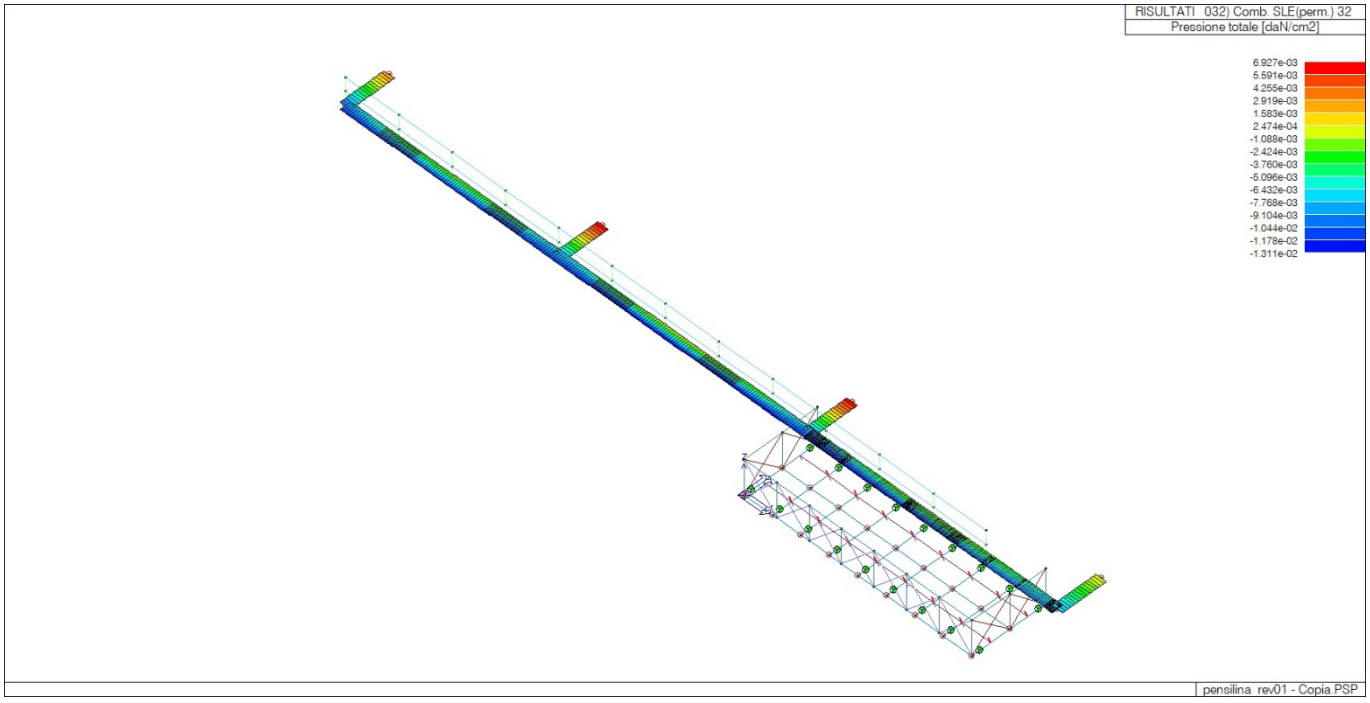
46_RIS_PRESSIONI_021_Comb SLErara 21



46_RIS_PRESSIONI_026_Comb SLEfreq 26



46_RIS_PRESSIONI_028_Comb SLEfreq 28



46_RIS_PRESSIONI_032_Comb SLEperm 32

RISULTATI ELEMENTI TIPO TRAVE

LEGENDA RISULTATI ELEMENTI TIPO TRAVE

Il controllo dei risultati delle analisi condotte, per quanto concerne gli elementi tipo trave, è possibile in relazione alle tabelle sotto riportate.

Gli elementi vengono suddivisi in relazione alle proprietà in elementi:

- tipo **pilastro**
- tipo **trave in elevazione**
- tipo **trave in fondazione**

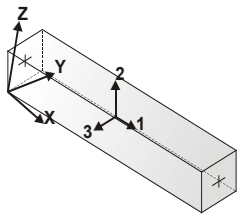
Per ogni elemento e per ogni combinazione (o caso di carico) vengono riportati i risultati più significativi.

Per gli elementi tipo *pilastro* sono riportati in tabella i seguenti valori:

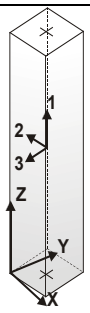
Pilas.	numero dell'elemento pilastro
Cmb	combinazione in cui si verificano i valori riportati
M3 mx/mn	momento flettente in campata M3 max (prima riga) / min (seconda riga)
M2 mx/mn	momento flettente in campata M2 max (prima riga) / min (seconda riga)
D2/D3	freccia massima in direzione 2 (prima riga) / direzione 3 (seconda riga)
Q2/Q3	carico totale in direzione 2 (prima riga) / direzione 3 (seconda riga)
Pos.	ascissa del punto iniziale e finale dell'elemento
N, V2, ecc..	sei componenti di sollecitazione al piede ed in sommità dell'elemento

Per gli elementi tipo *trave in elevazione* sono riportati, oltre al numero dell'elemento, i medesimi risultati visti per i pilastri.

Per gli elementi tipo *trave in fondazione* (trave f.) sono riportati, oltre al numero dell'elemento, i medesimi risultati visti per i pilastri e la massima pressione sul terreno.



orientamento elementi 2D non verticali



orientamento elementi 2D verticali

Pilas.	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
		daN cm	daN cm	cm	daN	cm	daN	daN	daN	daN cm	daN cm	daN cm
2	7	-1.13	136.55	2.47e-03	0.0	0.0	22.05	2.02e-04	2.62	0.33	-256.20	-1.16
		-1.16	-256.20	-4.13e-03	0.0	75.0	26.58	2.02e-04	2.62	0.33	-59.82	-1.15
						150.0	31.12	2.02e-04	2.62	0.33	136.55	-1.13
2	9	331.76	257.21	-0.82	0.0	0.0	156.17	133.09	7.48	-48.22	-864.09	-1.963e+04
		-1.963e+04	-864.09	-4.25e-03	0.0	75.0	162.07	133.09	7.48	-48.22	-303.44	-9650.00
						150.0	167.96	133.09	7.48	-48.22	257.21	331.76
2	11	329.91	273.01	-0.82	0.0	0.0	151.10	133.08	7.92	-48.08	-915.05	-1.963e+04
		-1.963e+04	-915.05	-4.63e-03	0.0	75.0	156.99	133.08	7.92	-48.08	-321.02	-9650.80
						150.0	162.89	133.08	7.92	-48.08	273.01	329.91
2	17	-0.22	129.04	1.89e-03	0.0	0.0	24.45	6.94e-03	2.41	0.25	-231.96	-1.26
		-1.26	-231.96	-3.95e-03	0.0	75.0	28.99	6.94e-03	2.41	0.25	-51.46	-0.74
						150.0	33.53	6.94e-03	2.41	0.25	129.04	-0.22
2	19	221.36	186.66	-0.55	0.0	0.0	108.02	88.73	5.25	-32.12	-600.49	-1.309e+04
		-1.309e+04	-600.49	-3.31e-03	0.0	75.0	112.56	88.73	5.25	-32.12	-206.91	-6433.35
						150.0	117.10	88.73	5.25	-32.12	186.66	221.36
2	21	220.13	197.20	-0.55	0.0	0.0	104.64	88.72	5.54	-32.03	-634.47	-1.309e+04
		-1.309e+04	-634.47	-3.57e-03	0.0	75.0	109.18	88.72	5.54	-32.03	-218.63	-6433.88
						150.0	113.71	88.72	5.54	-32.03	197.20	220.13
2	24	0.66	121.52	1.32e-03	0.0	0.0	26.87	0.01	2.19	0.19	-207.70	-1.38
		-1.38	-207.70	-3.77e-03	0.0	75.0	31.41	0.01	2.19	0.19	-43.09	-0.36
						150.0	35.94	0.01	2.19	0.19	121.52	0.66
2	26	155.42	164.86	-0.38	0.0	0.0	84.40	62.12	4.27	-22.45	-475.37	-9162.09
		-9162.09	-475.37	-3.39e-03	0.0	75.0	88.94	62.12	4.27	-22.45	-155.25	-4503.34
						150.0	93.48	62.12	4.27	-22.45	164.86	155.42
2	28	154.89	169.38	-0.38	0.0	0.0	82.95	62.11	4.40	-22.41	-489.93	-9162.02
		-9162.02	-489.93	-3.50e-03	0.0	75.0	87.49	62.11	4.40	-22.41	-160.28	-4503.56
						150.0	92.03	62.11	4.40	-22.41	169.38	154.89
2	30	133.44	157.60	-0.33	0.0	0.0	76.53	53.25	3.94	-19.23	-433.67	-7853.44
		-7853.44	-433.67	-3.42e-03	0.0	75.0	81.07	53.25	3.94	-19.23	-138.03	-3860.00
						150.0	85.60	53.25	3.94	-19.23	157.60	133.44
2	31	1.02	118.51	1.08e-03	0.0	0.0	27.84	0.02	2.11	0.16	-197.99	-1.43
		-1.43	-197.99	-3.70e-03	0.0	75.0	32.37	0.02	2.11	0.16	-39.74	-0.21
						150.0	36.91	0.02	2.11	0.16	118.51	1.02
2	32	132.91	162.11	-0.33	0.0	0.0	75.08	53.24	4.07	-19.19	-448.23	-7853.36
		-7853.36	-448.23	-3.53e-03	0.0	75.0	79.62	53.24	4.07	-19.19	-143.06	-3860.23
						150.0	84.15	53.24	4.07	-19.19	162.11	132.91
11	3	8.73	39.58	2.14e-03	0.0	0.0	-119.47	-0.05	0.89	0.50	-93.20	8.73
		1.18	-93.20	-4.63e-03	0.0	75.0	-113.58	-0.05	0.89	0.50	-26.81	4.95
						150.0	-107.68	-0.05	0.89	0.50	39.58	1.18
11	7	3.75	34.42	1.91e-03	0.0	0.0	-88.58	-0.01	0.79	0.52	-83.57	3.75
		1.57	-83.57	-3.71e-03	0.0	75.0	-84.04	-0.01	0.79	0.52	-24.58	2.66
						150.0	-79.50	-0.01	0.79	0.52	34.42	1.57
11	9	218.28	-31.95	-0.57	0.0	0.0	-228.33	92.85	1.82	-429.21	-305.16	-1.371e+04
		-1.371e+04	-305.16	-2.59e-03	0.0	75.0	-222.43	92.85	1.82	-429.21	-168.55	-6745.13
						150.0	-216.53	92.85	1.82	-429.21	-31.95	218.28
11	11	220.42	-19.89	-0.57	0.0	0.0	-218.20	92.91	2.14	-428.86	-341.31	-1.372e+04
		-1.372e+04	-341.31	-3.03e-03	0.0	75.0	-212.30	92.91	2.14	-428.86	-180.60	-6748.10
						150.0	-206.41	92.91	2.14	-428.86	-19.89	220.42
11	14	220.81	-25.05	-0.57	0.0	0.0	-187.30	92.95	2.04	-428.84	-331.68	-1.372e+04
		-1.372e+04	-331.68	-2.11e-03	0.0	75.0	-182.77	92.95	2.04	-428.84	-178.37	-6750.40
						150.0	-178.23	92.95	2.04	-428.84	-25.05	220.81
11	17	7.77	28.68	1.52e-03	0.0	0.0	-93.39	-0.05	0.63	0.34	-66.38	7.77
		0.57	-66.38	-3.50e-03	0.0	75.0	-88.86	-0.05	0.63	0.34	-18.85	4.17
						150.0	-84.32	-0.05	0.63	0.34	28.68	0.57
11	19	145.31	-19.00	-0.38	0.0	0.0	-165.96	61.88	1.26	-286.14	-207.69	-9137.08
		-9137.08	-207.69	-2.13e-03	0.0	75.0	-161.43	61.88	1.26	-286.14	-113.35	-4495.88
						150.0	-156.89	61.88	1.26	-286.14	-19.00	145.31
11	21	146.74	-10.97	-0.38	0.0	0.0	-159.21	61.93	1.47	-285.90	-231.79	-9142.47
		-9142.47	-231.79	-2.43e-03	0.0	75.0	-154.67	61.93	1.47	-285.90	-121.38	-4497.87
						150.0	-150.14	61.93	1.47	-285.90	-10.97	146.74
11	24	11.62	22.94	1.12e-03	0.0	0.0	-98.21	-0.08	0.48	0.17	-49.17	11.62
		-0.45	-49.17	-3.29e-03	0.0	75.0	-93.68	-0.08	0.48	0.17	-13.11	5.59
						150.0	-89.14	-0.08	0.48	0.17	22.94	-0.45
11	26	101.28	-8.14	-0.27	0.0	0.0	-147.08	43.28	0.98	-200.29	-154.97	-6391.32
		-6391.32	-154.97	-2.42e-03	0.0	75.0	-142.55	43.28	0.98	-200.29	-81.56	-3145.02
						150.0	-138.01	43.28	0.98	-200.29	-8.14	101.28
11	28	101.89	-4.70	-0.27	0.0	0.0	-144.19	43.30	1.07	-200.19	-165.30	-6393.62

		-6393.62	-165.30	-2.54e-03	0.0	75.0	-139.65	43.30	1.07	-200.19	-85.00	-3145.87
						150.0	-135.12	43.30	1.07	-200.19	-4.70	101.89
11	30	86.60	-4.52	-0.23	0.0	0.0	-140.79	37.08	0.89	-171.68	-137.40	-5476.06
		-5476.06	-137.40	-2.51e-03	0.0	75.0	-136.26	37.08	0.89	-171.68	-70.96	-2694.73
						150.0	-131.72	37.08	0.89	-171.68	-4.52	86.60
11	31	13.16	20.64	9.61e-04	0.0	0.0	-100.14	-0.09	0.42	0.10	-42.28	13.16
		-0.85	-42.28	-3.20e-03	0.0	75.0	-95.61	-0.09	0.42	0.10	-10.82	6.15
						150.0	-91.07	-0.09	0.42	0.10	20.64	-0.85
11	32	87.21	-1.08	-0.23	0.0	0.0	-137.90	37.10	0.98	-171.58	-147.72	-5478.37
		-5478.37	-147.72	-2.64e-03	0.0	75.0	-133.36	37.10	0.98	-171.58	-74.40	-2695.58
						150.0	-128.83	37.10	0.98	-171.58	-1.08	87.21
14	7	12.48	-0.98	3.39e-04	0.0	0.0	-15.18	0.26	0.04	0.85	-6.98	-27.05
		-27.05	-6.98	3.44e-04	0.0	75.0	-10.64	0.26	0.04	0.85	-3.98	-7.28
						150.0	-6.11	0.26	0.04	0.85	-0.98	12.48
14	9	83.85	3.220e+04	-1.33e-03	0.0	0.0	-31.78	1.29	-217.28	655.56	3.220e+04	-109.19
		-109.19	-395.19	1.89	0.0	75.0	-25.88	1.29	-217.28	655.56	1.590e+04	-12.67
						150.0	-19.98	1.29	-217.28	655.56	-395.19	83.85
14	11	82.49	3.220e+04	-1.26e-03	0.0	0.0	-31.43	1.26	-217.27	655.76	3.220e+04	-106.99
		-106.99	-395.34	1.89	0.0	75.0	-25.54	1.26	-217.27	655.76	1.590e+04	-12.25
						150.0	-19.64	1.26	-217.27	655.76	-395.34	82.49
14	12	72.84	3.220e+04	-1.45e-03	0.0	0.0	-27.75	1.06	-217.29	655.39	3.220e+04	-85.43
		-85.43	-394.96	1.89	0.0	75.0	-23.22	1.06	-217.29	655.39	1.590e+04	-6.30
						150.0	-18.68	1.06	-217.29	655.39	-394.96	72.84
14	17	16.03	-0.91	3.25e-04	0.0	0.0	-15.05	0.34	0.04	0.75	-6.36	-34.48
		-34.48	-6.36	1.16e-04	0.0	75.0	-10.51	0.34	0.04	0.75	-3.64	-9.22
						150.0	-5.98	0.34	0.04	0.75	-0.91	16.03
14	19	56.27	2.146e+04	-8.70e-04	0.0	0.0	-23.43	0.86	-144.85	437.11	2.146e+04	-73.41
		-73.41	-263.56	1.26	0.0	75.0	-18.90	0.86	-144.85	437.11	1.060e+04	-8.57
						150.0	-14.36	0.86	-144.85	437.11	-263.56	56.27
14	21	55.37	2.146e+04	-8.20e-04	0.0	0.0	-23.20	0.85	-144.84	437.25	2.146e+04	-71.94
		-71.94	-263.66	1.26	0.0	75.0	-18.67	0.85	-144.84	437.25	1.060e+04	-8.29
						150.0	-14.13	0.85	-144.84	437.25	-263.66	55.37
14	24	16.68	-0.84	2.90e-04	0.0	0.0	-15.21	0.35	0.03	0.65	-5.70	-35.53
		-35.53	-5.70	-1.31e-04	0.0	75.0	-10.68	0.35	0.03	0.65	-3.27	-9.42
						150.0	-6.14	0.35	0.03	0.65	-0.84	16.68
14	26	44.59	1.502e+04	-5.33e-04	0.0	0.0	-21.01	0.71	-101.39	306.14	1.502e+04	-62.36
		-62.36	-184.72	0.88	0.0	75.0	-16.48	0.71	-101.39	306.14	7419.19	-8.88
						150.0	-11.94	0.71	-101.39	306.14	-184.72	44.59
14	28	44.20	1.502e+04	-5.11e-04	0.0	0.0	-20.92	0.71	-101.38	306.20	1.502e+04	-61.73
		-61.73	-184.77	0.88	0.0	75.0	-16.38	0.71	-101.38	306.20	7418.97	-8.76
						150.0	-11.84	0.71	-101.38	306.20	-184.77	44.20
14	30	40.69	1.288e+04	-4.20e-04	0.0	0.0	-20.21	0.66	-86.90	262.49	1.288e+04	-58.68
		-58.68	-158.44	0.75	0.0	75.0	-15.67	0.66	-86.90	262.49	6358.89	-8.99
						150.0	-11.14	0.66	-86.90	262.49	-158.44	40.69
14	31	16.94	-0.81	2.78e-04	0.0	0.0	-15.28	0.35	0.03	0.61	-5.43	-35.95
		-35.95	-5.43	-2.27e-04	0.0	75.0	-10.74	0.35	0.03	0.61	-3.12	-9.50
						150.0	-6.21	0.35	0.03	0.61	-0.81	16.94
14	32	40.31	1.288e+04	-3.99e-04	0.0	0.0	-20.11	0.66	-86.90	262.55	1.288e+04	-58.05
		-58.05	-158.49	0.75	0.0	75.0	-15.57	0.66	-86.90	262.55	6358.67	-8.87
						150.0	-11.04	0.66	-86.90	262.55	-158.49	40.31
15	1	100.58	-21.26	5.55e-04	0.0	0.0	19.74	0.99	-0.48	1.08	-21.26	-48.54
		-48.54	-93.00	-3.29e-03	0.0	75.0	25.63	0.99	-0.48	1.08	-57.13	26.02
						150.0	31.53	0.99	-0.48	1.08	-93.00	100.58
15	11	522.58	796.16	-6.37e-03	0.0	0.0	-134.37	5.36	15.56	158.13	-1537.54	-281.78
		-281.78	-1537.54	6.89e-03	0.0	75.0	-128.47	5.36	15.56	158.13	-370.69	120.40
						150.0	-122.57	5.36	15.56	158.13	796.16	522.58
15	14	499.96	817.65	-6.45e-03	0.0	0.0	-139.24	5.14	15.67	157.89	-1532.56	-271.76
		-271.76	-1532.56	7.00e-03	0.0	75.0	-134.71	5.14	15.67	157.89	-357.45	114.10
						150.0	-130.17	5.14	15.67	157.89	817.65	499.96
15	15	77.63	-16.32	4.09e-04	0.0	0.0	15.04	0.77	-0.37	0.84	-16.32	-37.86
		-37.86	-71.52	-2.53e-03	0.0	75.0	19.58	0.77	-0.37	0.84	-43.92	19.88
						150.0	24.12	0.77	-0.37	0.84	-71.52	77.63
15	21	358.96	521.25	-4.24e-03	0.0	0.0	-87.69	3.68	10.32	105.53	-1027.17	-193.35
		-193.35	-1027.17	4.54e-03	0.0	75.0	-83.16	3.68	10.32	105.53	-252.96	82.81
						150.0	-78.62	3.68	10.32	105.53	521.25	358.96
15	22	77.63	-16.32	4.09e-04	0.0	0.0	15.04	0.77	-0.37	0.84	-16.32	-37.86
		-37.86	-71.52	-2.53e-03	0.0	75.0	19.58	0.77	-0.37	0.84	-43.92	19.88
						150.0	24.12	0.77	-0.37	0.84	-71.52	77.63
15	28	273.60	342.73	-2.98e-03	0.0	0.0	-55.43	2.79	7.08	74.01	-719.77	-145.41
		-145.41	-719.77	3.08e-03	0.0	75.0	-50.90	2.79	7.08	74.01	-188.52	64.10
						150.0	-46.36	2.79	7.08	74.01	342.73	273.60

15	29	77.63	-16.32	4.09e-04	0.0	0.0	15.04	0.77	-0.37	0.84	-16.32	-37.86
		-37.86	-71.52	-2.53e-03	0.0	75.0	19.58	0.77	-0.37	0.84	-43.92	19.88
						150.0	24.12	0.77	-0.37	0.84	-71.52	77.63
15	32	245.82	283.70	-2.56e-03	0.0	0.0	-45.69	2.51	6.03	63.58	-620.21	-130.33
		-130.33	-620.21	2.58e-03	0.0	75.0	-41.15	2.51	6.03	63.58	-168.25	57.74
						150.0	-36.62	2.51	6.03	63.58	283.70	245.82
20	7	21.36	-2.05	-5.75e-04	0.0	0.0	-12.14	-0.21	0.24	-1.98	-38.69	21.36
		-9.94	-38.69	-1.23e-03	0.0	75.0	-7.60	-0.21	0.24	-1.98	-20.37	5.71
						150.0	-3.07	-0.21	0.24	-1.98	-2.05	-9.94
20	9	144.98	1.593e+04	2.99e-03	0.0	0.0	-41.53	-1.39	-107.33	-1084.08	1.593e+04	144.98
		-63.17	-169.39	0.96	0.0	75.0	-35.64	-1.39	-107.33	-1084.08	7880.08	40.90
						150.0	-29.74	-1.39	-107.33	-1084.08	-169.39	-63.17
20	11	144.88	1.592e+04	2.86e-03	0.0	0.0	-36.92	-1.40	-107.29	-1084.53	1.592e+04	144.88
		-64.53	-169.73	0.96	0.0	75.0	-31.02	-1.40	-107.29	-1084.53	7876.81	40.17
						150.0	-25.12	-1.40	-107.29	-1084.53	-169.73	-64.53
20	12	125.79	1.594e+04	3.18e-03	0.0	0.0	-34.56	-1.20	-107.38	-1083.68	1.594e+04	125.79
		-54.45	-168.93	0.96	0.0	75.0	-30.02	-1.20	-107.38	-1083.68	7884.90	35.67
						150.0	-25.49	-1.20	-107.38	-1083.68	-168.93	-54.45
20	17	26.95	-1.89	-5.41e-04	0.0	0.0	-14.92	-0.26	0.23	-1.76	-35.82	26.95
		-12.04	-35.82	-1.30e-03	0.0	75.0	-10.39	-0.26	0.23	-1.76	-18.86	7.45
						150.0	-5.85	-0.26	0.23	-1.76	-1.89	-12.04
20	19	96.57	1.062e+04	1.96e-03	0.0	0.0	-29.87	-0.92	-71.53	-722.90	1.062e+04	96.57
		-41.72	-113.14	0.64	0.0	75.0	-25.34	-0.92	-71.53	-722.90	5251.32	27.43
						150.0	-20.80	-0.92	-71.53	-722.90	-113.14	-41.72
20	21	96.50	1.061e+04	1.87e-03	0.0	0.0	-26.79	-0.93	-71.50	-723.20	1.061e+04	96.50
		-42.62	-113.37	0.64	0.0	75.0	-22.26	-0.93	-71.50	-723.20	5249.14	26.94
						150.0	-17.72	-0.93	-71.50	-723.20	-113.37	-42.62
20	24	26.99	-1.73	-4.76e-04	0.0	0.0	-17.12	-0.26	0.21	-1.55	-32.87	26.99
		-11.39	-32.87	-1.38e-03	0.0	75.0	-12.59	-0.26	0.21	-1.55	-17.30	7.80
						150.0	-8.05	-0.26	0.21	-1.55	-1.73	-11.39
20	26	75.71	7422.07	1.25e-03	0.0	0.0	-26.71	-0.72	-50.01	-506.43	7422.07	75.71
		-32.43	-79.67	0.45	0.0	75.0	-22.17	-0.72	-50.01	-506.43	3671.20	21.64
						150.0	-17.64	-0.72	-50.01	-506.43	-79.67	-32.43
20	28	75.68	7420.30	1.21e-03	0.0	0.0	-25.39	-0.72	-50.00	-506.56	7420.30	75.68
		-32.81	-79.76	0.45	0.0	75.0	-20.85	-0.72	-50.00	-506.56	3670.27	21.43
						150.0	-16.32	-0.72	-50.00	-506.56	-79.76	-32.81
20	30	68.76	6357.50	1.01e-03	0.0	0.0	-25.65	-0.65	-42.84	-434.27	6357.50	68.76
		-29.33	-68.51	0.38	0.0	75.0	-21.12	-0.65	-42.84	-434.27	3144.50	19.71
						150.0	-16.58	-0.65	-42.84	-434.27	-68.51	-29.33
20	31	27.01	-1.66	-4.50e-04	0.0	0.0	-18.00	-0.25	0.20	-1.46	-31.69	27.01
		-11.13	-31.69	-1.41e-03	0.0	75.0	-13.47	-0.25	0.20	-1.46	-16.67	7.94
						150.0	-8.93	-0.25	0.20	-1.46	-1.66	-11.13
20	32	68.73	6355.73	9.74e-04	0.0	0.0	-24.33	-0.66	-42.83	-434.40	6355.73	68.73
		-29.72	-68.61	0.38	0.0	75.0	-19.80	-0.66	-42.83	-434.40	3143.56	19.51
						150.0	-15.26	-0.66	-42.83	-434.40	-68.61	-29.72
21	3	17.89	-1.35	-4.14e-04	0.0	0.0	-3.50	0.44	0.06	-1.10	-10.05	-47.41
		-47.41	-10.05	2.08e-04	0.0	75.0	2.40	0.44	0.06	-1.10	-5.70	-14.76
						150.0	8.29	0.44	0.06	-1.10	-1.35	17.89
21	11	20.78	3.210e+04	1.36e-03	0.0	0.0	-15.07	-0.43	-216.92	-647.40	3.210e+04	20.78
		-44.41	-438.48	1.91	0.0	75.0	-9.17	-0.43	-216.92	-647.40	1.583e+04	-11.81
						150.0	-3.28	-0.43	-216.92	-647.40	-438.48	-44.41
21	12	44.92	3.210e+04	1.53e-03	0.0	0.0	-18.71	-0.66	-216.93	-647.00	3.210e+04	44.92
		-53.92	-438.08	1.91	0.0	75.0	-14.17	-0.66	-216.93	-647.00	1.583e+04	-4.50
						150.0	-9.64	-0.66	-216.93	-647.00	-438.08	-53.92
21	17	11.60	-1.02	-2.98e-04	0.0	0.0	-4.58	0.28	0.04	-0.82	-7.52	-31.04
		-31.04	-7.52	1.07e-04	0.0	75.0	-0.04	0.28	0.04	-0.82	-4.27	-9.72
						150.0	4.49	0.28	0.04	-0.82	-1.02	11.60
21	19	15.83	2.140e+04	9.32e-04	0.0	0.0	-12.51	-0.31	-144.61	-431.55	2.140e+04	15.83
		-30.79	-292.35	1.28	0.0	75.0	-7.98	-0.31	-144.61	-431.55	1.055e+04	-7.48
						150.0	-3.44	-0.31	-144.61	-431.55	-292.35	-30.79
21	21	14.42	2.140e+04	8.83e-04	0.0	0.0	-12.29	-0.30	-144.61	-431.68	2.140e+04	14.42
		-29.93	-292.44	1.28	0.0	75.0	-7.75	-0.30	-144.61	-431.68	1.055e+04	-7.75
						150.0	-3.22	-0.30	-144.61	-431.68	-292.44	-29.93
21	24	10.98	-0.96	-2.63e-04	0.0	0.0	-4.74	0.27	0.04	-0.72	-6.97	-30.03
		-30.03	-6.97	-1.55e-04	0.0	75.0	-0.20	0.27	0.04	-0.72	-3.96	-9.52
						150.0	4.34	0.27	0.04	-0.72	-0.96	10.98
21	26	2.37	1.498e+04	5.86e-04	0.0	0.0	-10.23	-0.14	-101.22	-302.27	1.498e+04	2.37
		-18.44	-204.91	0.89	0.0	75.0	-5.69	-0.14	-101.22	-302.27	7386.31	-8.04
						150.0	-1.15	-0.14	-101.22	-302.27	-204.91	-18.44
21	28	1.77	1.498e+04	5.66e-04	0.0	0.0	-10.13	-0.13	-101.21	-302.33	1.498e+04	1.77
		-18.07	-204.95	0.89	0.0	75.0	-5.60	-0.13	-101.21	-302.33	7386.13	-8.15

						150.0	-1.06	-0.13	-101.21	-302.33	-204.95	-18.07
21	30	-2.11	1.284e+04	4.72e-04	0.0	0.0	-9.46	-0.08	-86.75	-259.18	1.284e+04	-2.11
		-14.33	-175.77	0.77	0.0	75.0	-4.93	-0.08	-86.75	-259.18	6330.60	-8.22
						150.0	-0.39	-0.08	-86.75	-259.18	-175.77	-14.33
21	31	10.74	-0.93	-2.49e-04	0.0	0.0	-4.80	0.27	0.04	-0.68	-6.76	-29.63
		-29.63	-6.76	-2.50e-04	0.0	75.0	-0.26	0.27	0.04	-0.68	-3.84	-9.45
						150.0	4.27	0.27	0.04	-0.68	-0.93	10.74
21	32	-2.72	1.284e+04	4.54e-04	0.0	0.0	-9.37	-0.07	-86.75	-259.24	1.284e+04	-2.72
		-13.96	-175.81	0.77	0.0	75.0	-4.83	-0.07	-86.75	-259.24	6330.42	-8.34
						150.0	-0.30	-0.07	-86.75	-259.24	-175.81	-13.96
22	7	1.57	1.61	-9.34e-05	0.0	0.0	-25.75	0.01	-0.01	-0.21	1.61	-0.08
		-0.08	-0.46	8.61e-04	0.0	75.0	-21.22	0.01	-0.01	-0.21	0.57	0.74
						150.0	-16.68	0.01	-0.01	-0.21	-0.46	1.57
22	9	22.05	3.825e+04	4.44e-04	0.0	0.0	-49.86	-0.24	-256.78	-181.74	3.825e+04	22.05
		-14.63	-264.42	2.34	0.0	75.0	-43.96	-0.24	-256.78	-181.74	1.899e+04	3.71
						150.0	-38.06	-0.24	-256.78	-181.74	-264.42	-14.63
22	11	21.32	3.825e+04	4.22e-04	0.0	0.0	-49.82	-0.24	-256.79	-181.79	3.825e+04	21.32
		-14.06	-264.46	2.34	0.0	75.0	-43.93	-0.24	-256.79	-181.79	1.899e+04	3.63
						150.0	-38.03	-0.24	-256.79	-181.79	-264.46	-14.06
22	12	22.19	3.825e+04	4.65e-04	0.0	0.0	-37.11	-0.25	-256.78	-181.70	3.825e+04	22.19
		-15.58	-264.29	2.34	0.0	75.0	-32.57	-0.25	-256.78	-181.70	1.899e+04	3.31
						150.0	-28.04	-0.25	-256.78	-181.70	-264.29	-15.58
22	17	1.61	1.48	-8.38e-05	0.0	0.0	-27.95	0.01	-0.01	-0.19	1.48	0.08
		0.08	-0.45	5.69e-04	0.0	75.0	-23.41	0.01	-0.01	-0.19	0.52	0.84
						150.0	-18.88	0.01	-0.01	-0.19	-0.45	1.61
22	19	14.92	2.550e+04	2.89e-04	0.0	0.0	-35.52	-0.16	-171.19	-121.18	2.550e+04	14.92
		-9.82	-176.34	1.56	0.0	75.0	-30.98	-0.16	-171.19	-121.18	1.266e+04	2.55
						150.0	-26.45	-0.16	-171.19	-121.18	-176.34	-9.82
22	21	14.44	2.550e+04	2.74e-04	0.0	0.0	-35.49	-0.16	-171.19	-121.21	2.550e+04	14.44
		-9.44	-176.36	1.56	0.0	75.0	-30.96	-0.16	-171.19	-121.21	1.266e+04	2.50
						150.0	-26.42	-0.16	-171.19	-121.21	-176.36	-9.44
22	24	1.34	1.36	-7.32e-05	0.0	0.0	-27.96	6.15e-03	-0.01	-0.16	1.36	0.42
		0.42	-0.44	2.73e-04	0.0	75.0	-23.43	6.15e-03	-0.01	-0.16	0.46	0.88
						150.0	-18.89	6.15e-03	-0.01	-0.16	-0.44	1.34
22	26	10.68	1.785e+04	1.83e-04	0.0	0.0	-33.26	-0.11	-119.84	-84.86	1.785e+04	10.68
		-6.55	-123.56	1.09	0.0	75.0	-28.72	-0.11	-119.84	-84.86	8864.18	2.06
						150.0	-24.18	-0.11	-119.84	-84.86	-123.56	-6.55
22	28	10.47	1.785e+04	1.77e-04	0.0	0.0	-33.25	-0.11	-119.84	-84.88	1.785e+04	10.47
		-6.39	-123.57	1.09	0.0	75.0	-28.71	-0.11	-119.84	-84.88	8864.21	2.04
						150.0	-24.17	-0.11	-119.84	-84.88	-123.57	-6.39
22	30	9.26	1.530e+04	1.48e-04	0.0	0.0	-32.50	-0.10	-102.72	-72.76	1.530e+04	9.26
		-5.46	-105.97	0.94	0.0	75.0	-27.97	-0.10	-102.72	-72.76	7597.93	1.90
						150.0	-23.43	-0.10	-102.72	-72.76	-105.97	-5.46
22	31	1.23	1.32	-6.90e-05	0.0	0.0	-27.97	4.51e-03	-0.01	-0.15	1.32	0.56
		0.56	-0.43	1.54e-04	0.0	75.0	-23.44	4.51e-03	-0.01	-0.15	0.44	0.90
						150.0	-18.90	4.51e-03	-0.01	-0.15	-0.43	1.23
22	32	9.05	1.530e+04	1.42e-04	0.0	0.0	-32.49	-0.10	-102.72	-72.78	1.530e+04	9.05
		-5.30	-105.98	0.94	0.0	75.0	-27.96	-0.10	-102.72	-72.78	7597.96	1.88
						150.0	-23.42	-0.10	-102.72	-72.78	-105.98	-5.30
23	3	51.64	2.05	-2.00e-04	0.0	0.0	-11.38	-0.48	-0.02	0.26	2.05	51.64
		-21.05	-0.52	8.58e-04	0.0	75.0	-5.48	-0.48	-0.02	0.26	0.77	15.29
						150.0	0.42	-0.48	-0.02	0.26	-0.52	-21.05
23	9	36.93	3.822e+04	-4.25e-04	0.0	0.0	-22.84	-0.28	-256.50	201.40	3.822e+04	36.93
		-5.75	-251.22	2.33	0.0	75.0	-16.94	-0.28	-256.50	201.40	1.899e+04	15.59
						150.0	-11.04	-0.28	-256.50	201.40	-251.22	-5.75
23	11	37.67	3.822e+04	-4.11e-04	0.0	0.0	-22.82	-0.29	-256.50	201.45	3.822e+04	37.67
		-6.34	-251.26	2.33	0.0	75.0	-16.92	-0.29	-256.50	201.45	1.899e+04	15.66
						150.0	-11.02	-0.29	-256.50	201.45	-251.26	-6.34
23	17	34.19	1.57	-1.31e-04	0.0	0.0	-9.86	-0.32	-0.01	0.19	1.57	34.19
		-13.95	-0.40	5.65e-04	0.0	75.0	-5.33	-0.32	-0.01	0.19	0.59	10.12
						150.0	-0.79	-0.32	-0.01	0.19	-0.40	-13.95
23	19	24.39	2.548e+04	-2.79e-04	0.0	0.0	-17.50	-0.19	-171.00	134.29	2.548e+04	24.39
		-3.75	-167.53	1.55	0.0	75.0	-12.97	-0.19	-171.00	134.29	1.266e+04	10.32
						150.0	-8.43	-0.19	-171.00	134.29	-167.53	-3.75
23	21	24.88	2.548e+04	-2.69e-04	0.0	0.0	-17.49	-0.19	-171.00	134.32	2.548e+04	24.88
		-4.14	-167.55	1.55	0.0	75.0	-12.95	-0.19	-171.00	134.32	1.266e+04	10.37
						150.0	-8.42	-0.19	-171.00	134.32	-167.55	-4.14
23	24	33.85	1.47	-1.33e-04	0.0	0.0	-9.87	-0.32	-0.01	0.17	1.47	33.85
		-13.67	-0.38	2.66e-04	0.0	75.0	-5.34	-0.32	-0.01	0.17	0.54	10.09
						150.0	-0.80	-0.32	-0.01	0.17	-0.38	-13.67
23	26	27.12	1.784e+04	-2.24e-04	0.0	0.0	-15.22	-0.23	-119.70	94.04	1.784e+04	27.12

		-6.64	-117.38	1.09	0.0	75.0	-10.68	-0.23	-119.70	94.04	8860.36	10.24
						150.0	-6.15	-0.23	-119.70	94.04	-117.38	-6.64
23	28	27.33	1.784e+04	-2.21e-04	0.0	0.0	-15.21	-0.23	-119.70	94.06	1.784e+04	27.33
		-6.81	-117.39	1.09	0.0	75.0	-10.68	-0.23	-119.70	94.06	8860.39	10.26
						150.0	-6.14	-0.23	-119.70	94.06	-117.39	-6.81
23	30	28.03	1.529e+04	-2.08e-04	0.0	0.0	-14.46	-0.24	-102.60	80.63	1.529e+04	28.03
		-7.61	-100.66	0.93	0.0	75.0	-9.92	-0.24	-102.60	80.63	7594.67	10.21
						150.0	-5.38	-0.24	-102.60	80.63	-100.66	-7.61
23	31	33.71	1.43	-1.34e-04	0.0	0.0	-9.88	-0.32	-0.01	0.16	1.43	33.71
		-13.56	-0.37	1.47e-04	0.0	75.0	-5.34	-0.32	-0.01	0.16	0.53	10.07
						150.0	-0.81	-0.32	-0.01	0.16	-0.37	-13.56
23	32	28.24	1.529e+04	-2.05e-04	0.0	0.0	-14.45	-0.24	-102.60	80.64	1.529e+04	28.24
		-7.78	-100.67	0.93	0.0	75.0	-9.91	-0.24	-102.60	80.64	7594.69	10.23
						150.0	-5.38	-0.24	-102.60	80.64	-100.67	-7.78
29	1	44.82	-39.19	-6.67e-04	0.0	0.0	23.51	-0.98	-0.30	-1.19	-39.19	44.82
		-102.34	-83.66	-3.75e-03	0.0	75.0	29.40	-0.98	-0.30	-1.19	-61.42	-28.76
						150.0	35.30	-0.98	-0.30	-1.19	-83.66	-102.34
29	11	350.33	1630.76	6.21e-03	0.0	0.0	-125.69	-5.93	41.11	-190.47	-4535.14	350.33
		-539.91	-4535.14	0.02	0.0	75.0	-119.79	-5.93	41.11	-190.47	-1452.19	-94.79
						150.0	-113.90	-5.93	41.11	-190.47	1630.76	-539.91
29	14	342.07	1650.01	6.32e-03	0.0	0.0	-130.68	-5.72	41.17	-190.21	-4526.03	342.07
		-516.52	-4526.03	0.02	0.0	75.0	-126.15	-5.72	41.17	-190.21	-1438.01	-87.23
						150.0	-121.61	-5.72	41.17	-190.21	1650.01	-516.52
29	15	35.38	-30.12	-4.88e-04	0.0	0.0	18.27	-0.76	-0.23	-0.92	-30.12	35.38
		-78.82	-64.38	-2.89e-03	0.0	75.0	22.81	-0.76	-0.23	-0.92	-47.25	-21.72
						150.0	27.34	-0.76	-0.23	-0.92	-64.38	-78.82
29	21	239.05	1078.57	4.13e-03	0.0	0.0	-81.19	-4.06	27.37	-127.11	-3027.42	239.05
		-370.54	-3027.42	0.02	0.0	75.0	-76.66	-4.06	27.37	-127.11	-974.42	-65.74
						150.0	-72.12	-4.06	27.37	-127.11	1078.57	-370.54
29	22	35.38	-30.12	-4.88e-04	0.0	0.0	18.27	-0.76	-0.23	-0.92	-30.12	35.38
		-78.82	-64.38	-2.89e-03	0.0	75.0	22.81	-0.76	-0.23	-0.92	-47.25	-21.72
						150.0	27.34	-0.76	-0.23	-0.92	-64.38	-78.82
29	28	176.68	735.19	2.86e-03	0.0	0.0	-49.77	-3.06	19.06	-89.14	-2124.49	176.68
		-282.10	-2124.49	0.01	0.0	75.0	-45.24	-3.06	19.06	-89.14	-694.65	-52.71
						150.0	-40.70	-3.06	19.06	-89.14	735.19	-282.10
29	29	35.38	-30.12	-4.88e-04	0.0	0.0	18.27	-0.76	-0.23	-0.92	-30.12	35.38
		-78.82	-64.38	-2.89e-03	0.0	75.0	22.81	-0.76	-0.23	-0.92	-47.25	-21.72
						150.0	27.34	-0.76	-0.23	-0.92	-64.38	-78.82
29	32	156.78	621.07	2.43e-03	0.0	0.0	-40.41	-2.73	16.31	-76.56	-1826.13	156.78
		-253.27	-1826.13	9.50e-03	0.0	75.0	-35.87	-2.73	16.31	-76.56	-602.53	-48.24
						150.0	-31.34	-2.73	16.31	-76.56	621.07	-253.27
78	7	0.66	139.94	-2.37e-03	0.0	0.0	27.53	1.61e-03	2.79	-0.31	-278.71	0.41
		0.41	-278.71	-4.55e-03	0.0	75.0	32.07	1.61e-03	2.79	-0.31	-69.38	0.54
						150.0	36.60	1.61e-03	2.79	-0.31	139.94	0.66
78	9	1.964e+04	459.00	0.82	0.0	0.0	205.01	-133.58	14.14	14.52	-1661.31	1.964e+04
		-394.62	-1661.31	-8.09e-03	0.0	75.0	210.91	-133.58	14.14	14.52	-601.16	9623.71
						150.0	216.81	-133.58	14.14	14.52	459.00	-394.62
78	11	1.964e+04	474.04	0.82	0.0	0.0	198.98	-133.57	14.55	14.35	-1707.79	1.964e+04
		-392.72	-1707.79	-8.40e-03	0.0	75.0	204.88	-133.57	14.55	14.35	-616.87	9624.73
						150.0	210.78	-133.57	14.55	14.35	474.04	-392.72
78	17	0.38	132.75	-1.78e-03	0.0	0.0	30.43	-4.55e-03	2.60	-0.22	-256.56	0.38
		-0.30	-256.56	-4.41e-03	0.0	75.0	34.97	-4.55e-03	2.60	-0.22	-61.91	0.04
						150.0	39.50	-4.55e-03	2.60	-0.22	132.75	-0.30
78	19	1.309e+04	321.80	0.55	0.0	0.0	141.48	-89.05	9.72	9.67	-1135.86	1.309e+04
		-263.33	-1135.86	-5.94e-03	0.0	75.0	146.01	-89.05	9.72	9.67	-407.03	6415.70
						150.0	150.55	-89.05	9.72	9.67	321.80	-263.33
78	21	1.309e+04	331.83	0.55	0.0	0.0	137.46	-89.05	9.99	9.55	-1166.84	1.309e+04
		-262.06	-1166.84	-6.15e-03	0.0	75.0	142.00	-89.05	9.99	9.55	-417.50	6416.37
						150.0	146.53	-89.05	9.99	9.55	331.83	-262.06
78	24	0.32	125.58	-1.19e-03	0.0	0.0	33.30	-0.01	2.40	-0.14	-234.43	0.32
		-1.21	-234.43	-4.26e-03	0.0	75.0	37.84	-0.01	2.40	-0.14	-54.42	-0.45
						150.0	42.37	-0.01	2.40	-0.14	125.58	-1.21
78	26	9166.38	260.79	0.38	0.0	0.0	109.89	-62.34	7.46	6.75	-858.79	9166.38
		-184.96	-858.79	-5.39e-03	0.0	75.0	114.42	-62.34	7.46	6.75	-299.00	4490.71
						150.0	118.96	-62.34	7.46	6.75	260.79	-184.96
78	28	9166.42	265.09	0.38	0.0	0.0	108.16	-62.34	7.58	6.70	-872.07	9166.42
		-184.42	-872.07	-5.48e-03	0.0	75.0	112.70	-62.34	7.58	6.70	-303.49	4491.00
						150.0	117.24	-62.34	7.58	6.70	265.09	-184.42
78	30	7856.93	240.45	0.33	0.0	0.0	99.36	-53.44	6.71	5.77	-766.43	7856.93
		-158.84	-766.43	-5.21e-03	0.0	75.0	103.89	-53.44	6.71	5.77	-262.99	3849.04
						150.0	108.43	-53.44	6.71	5.77	240.45	-158.84

78	31	0.29	122.72	-9.53e-04	0.0	0.0	34.45	-0.01	2.32	-0.11	-225.57	0.29
		-1.57	-225.57	-4.20e-03	0.0	75.0	38.99	-0.01	2.32	-0.11	-51.43	-0.64
						150.0	43.52	-0.01	2.32	-0.11	122.72	-1.57
78	32	7856.97	244.75	0.33	0.0	0.0	97.63	-53.44	6.83	5.73	-779.71	7856.97
		-158.30	-779.71	-5.30e-03	0.0	75.0	102.17	-53.44	6.83	5.73	-267.48	3849.34
						150.0	106.71	-53.44	6.83	5.73	244.75	-158.30
79	1	-0.70	85.15	-1.03e-03	0.0	0.0	-36.84	-3.99e-03	-4.02	-1.07e-03	85.15	-0.70
		-0.94	-156.12	2.13e-04	0.0	30.0	-33.73	-3.99e-03	-4.02	-1.07e-03	-35.49	-0.82
						60.0	-30.62	-3.99e-03	-4.02	-1.07e-03	-156.12	-0.94
79	5	-0.54	65.50	-7.89e-04	0.0	0.0	-28.34	-3.07e-03	-3.09	-8.19e-04	65.50	-0.54
		-0.72	-120.09	1.64e-04	0.0	30.0	-25.94	-3.07e-03	-3.09	-8.19e-04	-27.30	-0.63
						60.0	-23.55	-3.07e-03	-3.09	-8.19e-04	-120.09	-0.72
79	11	-2.128e+05	-10.01	-1.37	0.0	0.0	-33.67	3540.20	2.59	-0.87	-165.26	-4.252e+05
		-4.252e+05	-165.26	5.21e-04	0.0	30.0	-30.56	3540.20	2.59	-0.87	-87.63	-3.190e+05
						60.0	-27.45	3540.20	2.59	-0.87	-10.01	-2.128e+05
79	14	-2.128e+05	26.02	-1.37	0.0	0.0	-25.17	3540.20	3.52	-0.87	-184.90	-4.252e+05
		-4.252e+05	-184.90	4.81e-04	0.0	30.0	-22.77	3540.20	3.52	-0.87	-79.44	-3.190e+05
						60.0	-20.38	3540.20	3.52	-0.87	26.02	-2.128e+05
79	15	-0.54	65.50	-7.89e-04	0.0	0.0	-28.34	-3.07e-03	-3.09	-8.20e-04	65.50	-0.54
		-0.72	-120.09	1.64e-04	0.0	30.0	-25.94	-3.07e-03	-3.09	-8.20e-04	-27.30	-0.63
						60.0	-23.55	-3.07e-03	-3.09	-8.20e-04	-120.09	-0.72
79	21	-1.419e+05	-22.69	-0.91	0.0	0.0	-26.22	2360.13	1.31	-0.58	-101.44	-2.835e+05
		-2.835e+05	-101.44	3.65e-04	0.0	30.0	-23.83	2360.13	1.31	-0.58	-62.06	-2.127e+05
						60.0	-21.44	2360.13	1.31	-0.58	-22.69	-1.419e+05
79	22	-0.54	65.50	-7.89e-04	0.0	0.0	-28.34	-3.07e-03	-3.09	-8.20e-04	65.50	-0.54
		-0.72	-120.09	1.64e-04	0.0	30.0	-25.94	-3.07e-03	-3.09	-8.20e-04	-27.30	-0.63
						60.0	-23.55	-3.07e-03	-3.09	-8.20e-04	-120.09	-0.72
79	28	-9.931e+04	-50.89	-0.64	0.0	0.0	-26.86	1652.09	-0.02	-0.41	-50.89	-1.984e+05
		-1.984e+05	-52.19	3.04e-04	0.0	30.0	-24.47	1652.09	-0.02	-0.41	-51.54	-1.489e+05
						60.0	-22.08	1652.09	-0.02	-0.41	-52.19	-9.931e+04
79	29	-0.54	65.50	-7.89e-04	0.0	0.0	-28.34	-3.07e-03	-3.09	-8.20e-04	65.50	-0.54
		-0.72	-120.09	1.64e-04	0.0	30.0	-25.94	-3.07e-03	-3.09	-8.20e-04	-27.30	-0.63
						60.0	-23.55	-3.07e-03	-3.09	-8.20e-04	-120.09	-0.72
79	32	-8.512e+04	-34.37	-0.55	0.0	0.0	-27.07	1416.08	-0.46	-0.35	-34.37	-1.701e+05
		-1.701e+05	-61.83	2.84e-04	0.0	30.0	-24.68	1416.08	-0.46	-0.35	-48.10	-1.276e+05
						60.0	-22.29	1416.08	-0.46	-0.35	-61.83	-8.512e+04
80	5	-0.64	0.29	-8.15e-04	0.0	0.0	-52.53	3.09e-03	-8.09e-04	-1.28e-03	0.29	-0.83
		-0.83	0.25	1.16e-05	0.0	30.0	-50.13	3.09e-03	-8.09e-04	-1.28e-03	0.27	-0.73
						60.0	-47.74	3.09e-03	-8.09e-04	-1.28e-03	0.25	-0.64
80	11	-2.120e+05	123.29	-1.39	0.0	0.0	-71.11	3537.40	4.69	-0.50	-158.14	-4.243e+05
		-4.243e+05	-158.14	2.57e-04	0.0	30.0	-68.00	3537.40	4.69	-0.50	-17.42	-3.182e+05
						60.0	-64.89	3537.40	4.69	-0.50	123.29	-2.120e+05
80	14	-2.120e+05	123.21	-1.39	0.0	0.0	-55.35	3537.40	4.69	-0.50	-158.22	-4.243e+05
		-4.243e+05	-158.22	2.54e-04	0.0	30.0	-52.96	3537.40	4.69	-0.50	-17.50	-3.182e+05
						60.0	-50.56	3537.40	4.69	-0.50	123.21	-2.120e+05
80	15	-0.64	0.29	-8.15e-04	0.0	0.0	-52.53	3.09e-03	-7.85e-04	-1.28e-03	0.29	-0.83
		-0.83	0.25	1.16e-05	0.0	30.0	-50.13	3.09e-03	-7.85e-04	-1.28e-03	0.27	-0.73
						60.0	-47.74	3.09e-03	-7.85e-04	-1.28e-03	0.25	-0.64
80	21	-1.414e+05	82.23	-0.92	0.0	0.0	-54.41	2358.27	3.13	-0.33	-105.38	-2.829e+05
		-2.829e+05	-105.38	1.73e-04	0.0	30.0	-52.01	2358.27	3.13	-0.33	-11.58	-2.121e+05
						60.0	-49.62	2358.27	3.13	-0.33	82.23	-1.414e+05
80	22	-0.64	0.29	-8.15e-04	0.0	0.0	-52.53	3.09e-03	-7.85e-04	-1.28e-03	0.29	-0.83
		-0.83	0.25	1.16e-05	0.0	30.0	-50.13	3.09e-03	-7.85e-04	-1.28e-03	0.27	-0.73
						60.0	-47.74	3.09e-03	-7.85e-04	-1.28e-03	0.25	-0.64
80	28	-9.895e+04	57.22	-0.65	0.0	0.0	-53.84	1650.79	2.17	-0.23	-73.15	-1.980e+05
		-1.980e+05	-73.15	1.28e-04	0.0	30.0	-51.45	1650.79	2.17	-0.23	-7.97	-1.485e+05
						60.0	-49.06	1650.79	2.17	-0.23	57.22	-9.895e+04
80	29	-0.64	0.29	-8.15e-04	0.0	0.0	-52.53	3.09e-03	-7.85e-04	-1.28e-03	0.29	-0.83
		-0.83	0.25	1.16e-05	0.0	30.0	-50.13	3.09e-03	-7.85e-04	-1.28e-03	0.27	-0.73
						60.0	-47.74	3.09e-03	-7.85e-04	-1.28e-03	0.25	-0.64
80	32	-8.482e+04	49.17	-0.55	0.0	0.0	-53.65	1414.96	1.87	-0.20	-62.78	-1.697e+05
		-1.697e+05	-62.78	1.11e-04	0.0	30.0	-51.26	1414.96	1.87	-0.20	-6.80	-1.273e+05
						60.0	-48.87	1414.96	1.87	-0.20	49.17	-8.482e+04
81	5	-0.71	10.99	-8.57e-04	0.0	0.0	-50.65	8.55e-04	-0.38	-2.04e-03	10.99	-0.76
		-0.76	-11.54	6.60e-06	0.0	30.0	-48.26	8.55e-04	-0.38	-2.04e-03	-0.28	-0.74
						60.0	-45.87	8.55e-04	-0.38	-2.04e-03	-11.54	-0.71
81	7	-0.73	6.76	-8.62e-04	0.0	0.0	-50.65	8.91e-04	-0.25	-2.17e-03	6.76	-0.78
		-0.78	-8.31	-3.02e-05	0.0	30.0	-48.26	8.91e-04	-0.25	-2.17e-03	-0.77	-0.76
						60.0	-45.87	8.91e-04	-0.25	-2.17e-03	-8.31	-0.73
81	9	-2.119e+05	70.85	-1.39	0.0	0.0	-67.74	3537.03	-2.12	-0.05	70.85	-4.241e+05
		-4.241e+05	-56.11	2.45e-04	0.0	30.0	-64.63	3537.03	-2.12	-0.05	7.37	-3.180e+05

						60.0	-61.53	3537.03	-2.12	-0.05	-56.11	-2.119e+05
81	11	-2.119e+05	67.89	-1.39	0.0	0.0	-67.74	3537.03	-2.03	-0.05	67.89	-4.241e+05
		-4.241e+05	-53.85	2.24e-04	0.0	30.0	-64.63	3537.03	-2.03	-0.05	7.02	-3.180e+05
						60.0	-61.52	3537.03	-2.03	-0.05	-53.85	-2.119e+05
81	15	-0.71	10.99	-8.57e-04	0.0	0.0	-50.65	8.56e-04	-0.38	-2.04e-03	10.99	-0.76
		-0.76	-11.54	6.59e-06	0.0	30.0	-48.26	8.56e-04	-0.38	-2.04e-03	-0.28	-0.74
						60.0	-45.87	8.56e-04	-0.38	-2.04e-03	-11.54	-0.71
81	17	-0.72	8.17	-8.60e-04	0.0	0.0	-50.65	8.79e-04	-0.29	-2.13e-03	8.17	-0.78
		-0.78	-9.38	-2.02e-05	0.0	30.0	-48.26	8.79e-04	-0.29	-2.13e-03	-0.61	-0.75
						60.0	-45.87	8.79e-04	-0.29	-2.13e-03	-9.38	-0.72
81	19	-1.413e+05	48.70	-0.93	0.0	0.0	-51.92	2358.02	-1.46	-0.04	48.70	-2.827e+05
		-2.827e+05	-38.95	1.63e-04	0.0	30.0	-49.52	2358.02	-1.46	-0.04	4.88	-2.120e+05
						60.0	-47.13	2358.02	-1.46	-0.04	-38.95	-1.413e+05
81	21	-1.413e+05	46.73	-0.93	0.0	0.0	-51.92	2358.02	-1.40	-0.04	46.73	-2.827e+05
		-2.827e+05	-37.44	1.49e-04	0.0	30.0	-49.52	2358.02	-1.40	-0.04	4.64	-2.120e+05
						60.0	-47.13	2358.02	-1.40	-0.04	-37.44	-1.413e+05
81	22	-0.71	10.99	-8.57e-04	0.0	0.0	-50.65	8.56e-04	-0.38	-2.04e-03	10.99	-0.76
		-0.76	-11.54	6.59e-06	0.0	30.0	-48.26	8.56e-04	-0.38	-2.04e-03	-0.28	-0.74
						60.0	-45.87	8.56e-04	-0.38	-2.04e-03	-11.54	-0.71
81	24	-0.72	9.58	-8.58e-04	0.0	0.0	-50.65	8.67e-04	-0.33	-2.08e-03	9.58	-0.77
		-0.77	-10.46	-1.08e-05	0.0	30.0	-48.26	8.67e-04	-0.33	-2.08e-03	-0.44	-0.74
						60.0	-45.87	8.67e-04	-0.33	-2.08e-03	-10.46	-0.72
81	26	-9.888e+04	37.39	-0.65	0.0	0.0	-51.54	1650.62	-1.14	-0.03	37.39	-1.979e+05
		-1.979e+05	-30.73	1.14e-04	0.0	30.0	-49.15	1650.62	-1.14	-0.03	3.33	-1.484e+05
						60.0	-46.75	1650.62	-1.14	-0.03	-30.73	-9.888e+04
81	28	-9.888e+04	36.54	-0.65	0.0	0.0	-51.54	1650.62	-1.11	-0.03	36.54	-1.979e+05
		-1.979e+05	-30.08	1.08e-04	0.0	30.0	-49.15	1650.62	-1.11	-0.03	3.23	-1.484e+05
						60.0	-46.75	1650.62	-1.11	-0.03	-30.08	-9.888e+04
81	29	-0.71	10.99	-8.57e-04	0.0	0.0	-50.65	8.56e-04	-0.38	-2.04e-03	10.99	-0.76
		-0.76	-11.54	6.59e-06	0.0	30.0	-48.26	8.56e-04	-0.38	-2.04e-03	-0.28	-0.74
						60.0	-45.87	8.56e-04	-0.38	-2.04e-03	-11.54	-0.71
81	30	-8.476e+04	33.62	-0.56	0.0	0.0	-51.41	1414.81	-1.03	-0.02	33.62	-1.696e+05
		-1.696e+05	-27.99	9.79e-05	0.0	30.0	-49.02	1414.81	-1.03	-0.02	2.81	-1.272e+05
						60.0	-46.63	1414.81	-1.03	-0.02	-27.99	-8.476e+04
81	31	-0.71	10.14	-8.58e-04	0.0	0.0	-50.65	8.63e-04	-0.35	-2.06e-03	10.14	-0.77
		-0.77	-10.90	-5.78e-06	0.0	30.0	-48.26	8.63e-04	-0.35	-2.06e-03	-0.38	-0.74
						60.0	-45.87	8.63e-04	-0.35	-2.06e-03	-10.90	-0.71
81	32	-8.476e+04	32.77	-0.56	0.0	0.0	-51.41	1414.81	-1.00	-0.02	32.77	-1.696e+05
		-1.696e+05	-27.34	9.19e-05	0.0	30.0	-49.02	1414.81	-1.00	-0.02	2.72	-1.272e+05
						60.0	-46.63	1414.81	-1.00	-0.02	-27.34	-8.476e+04
82	5	-0.04	17.72	-9.21e-04	0.0	0.0	-50.77	0.02	-0.54	-3.14e-03	17.72	-0.96
		-0.96	-14.48	-1.51e-05	0.0	30.0	-48.38	0.02	-0.54	-3.14e-03	1.62	-0.50
						60.0	-45.99	0.02	-0.54	-3.14e-03	-14.48	-0.04
82	7	-0.34	13.11	-9.29e-04	0.0	0.0	-50.77	7.84e-03	-0.40	-3.14e-03	13.11	-0.81
		-0.81	-10.94	-3.71e-05	0.0	30.0	-48.37	7.84e-03	-0.40	-3.14e-03	1.08	-0.58
						60.0	-45.98	7.84e-03	-0.40	-3.14e-03	-10.94	-0.34
82	9	-2.121e+05	200.21	-1.39	0.0	0.0	-66.37	3532.11	-5.75	0.56	200.21	-4.241e+05
		-4.241e+05	-144.69	2.31e-04	0.0	30.0	-63.26	3532.11	-5.75	0.56	27.76	-3.181e+05
						60.0	-60.15	3532.11	-5.75	0.56	-144.69	-2.121e+05
82	15	-0.04	17.72	-9.21e-04	0.0	0.0	-50.77	0.02	-0.54	-3.14e-03	17.72	-0.96
		-0.96	-14.48	-1.51e-05	0.0	30.0	-48.38	0.02	-0.54	-3.14e-03	1.62	-0.50
						60.0	-45.99	0.02	-0.54	-3.14e-03	-14.48	-0.04
82	17	-0.24	14.65	-9.26e-04	0.0	0.0	-50.77	0.01	-0.45	-3.14e-03	14.65	-0.86
		-0.86	-12.12	-2.67e-05	0.0	30.0	-48.38	0.01	-0.45	-3.14e-03	1.26	-0.55
						60.0	-45.98	0.01	-0.45	-3.14e-03	-12.12	-0.24
82	19	-1.414e+05	135.84	-0.92	0.0	0.0	-51.02	2354.74	-3.90	0.37	135.84	-2.827e+05
		-2.827e+05	-98.39	1.54e-04	0.0	30.0	-48.62	2354.74	-3.90	0.37	18.72	-2.121e+05
						60.0	-46.23	2354.74	-3.90	0.37	-98.39	-1.414e+05
82	22	-0.04	17.72	-9.21e-04	0.0	0.0	-50.77	0.02	-0.54	-3.14e-03	17.72	-0.96
		-0.96	-14.48	-1.51e-05	0.0	30.0	-48.38	0.02	-0.54	-3.14e-03	1.62	-0.50
						60.0	-45.99	0.02	-0.54	-3.14e-03	-14.48	-0.04
82	24	-0.14	16.18	-9.23e-04	0.0	0.0	-50.77	0.01	-0.49	-3.14e-03	16.18	-0.91
		-0.91	-13.30	-1.72e-05	0.0	30.0	-48.38	0.01	-0.49	-3.14e-03	1.44	-0.53
						60.0	-45.99	0.01	-0.49	-3.14e-03	-13.30	-0.14
82	26	-9.900e+04	100.40	-0.65	0.0	0.0	-50.94	1648.33	-2.89	0.26	100.40	-1.979e+05
		-1.979e+05	-73.22	1.07e-04	0.0	30.0	-48.55	1648.33	-2.89	0.26	13.59	-1.484e+05
						60.0	-46.16	1648.33	-2.89	0.26	-73.22	-9.900e+04
82	29	-0.04	17.72	-9.21e-04	0.0	0.0	-50.77	0.02	-0.54	-3.14e-03	17.72	-0.96
		-0.96	-14.48	-1.51e-05	0.0	30.0	-48.38	0.02	-0.54	-3.14e-03	1.62	-0.50
						60.0	-45.99	0.02	-0.54	-3.14e-03	-14.48	-0.04
82	30	-8.485e+04	88.59	-0.56	0.0	0.0	-50.92	1412.85	-2.56	0.22	88.59	-1.696e+05

		-1.696e+05	-64.83	9.15e-05	0.0	30.0	-48.53	1412.85	-2.56	0.22	11.88	-1.272e+05
						60.0	-46.13	1412.85	-2.56	0.22	-64.83	-8.485e+04
82	31	-0.10	16.80	-9.22e-04	0.0	0.0	-50.77	0.01	-0.51	-3.14e-03	16.80	-0.93
		-0.93	-13.77	-1.58e-05	0.0	30.0	-48.38	0.01	-0.51	-3.14e-03	1.51	-0.52
						60.0	-45.99	0.01	-0.51	-3.14e-03	-13.77	-0.10
83	1	5.91	-0.60	-1.28e-03	0.0	0.0	-65.45	-0.04	9.85e-03	-1.21e-03	-1.19	5.91
		3.51	-1.19	-8.20e-06	0.0	30.0	-62.34	-0.04	9.85e-03	-1.21e-03	-0.89	4.71
						60.0	-59.23	-0.04	9.85e-03	-1.21e-03	-0.60	3.51
83	9	-2.132e+05	40.28	-1.37	0.0	0.0	-62.36	3553.08	-1.20	-0.11	40.28	-4.264e+05
		-4.264e+05	-31.96	2.24e-04	0.0	30.0	-59.25	3553.08	-1.20	-0.11	4.16	-3.198e+05
						60.0	-56.14	3553.08	-1.20	-0.11	-31.96	-2.132e+05
83	12	-2.132e+05	40.56	-1.37	0.0	0.0	-47.26	3553.09	-1.21	-0.11	40.56	-4.264e+05
		-4.264e+05	-31.83	2.26e-04	0.0	30.0	-44.87	3553.09	-1.21	-0.11	4.37	-3.198e+05
						60.0	-42.47	3553.09	-1.21	-0.11	-31.83	-2.132e+05
83	14	-2.132e+05	36.70	-1.37	0.0	0.0	-47.25	3553.10	-1.09	-0.11	36.70	-4.264e+05
		-4.264e+05	-28.89	2.04e-04	0.0	30.0	-44.86	3553.10	-1.09	-0.11	3.91	-3.198e+05
						60.0	-42.46	3553.10	-1.09	-0.11	-28.89	-2.132e+05
83	15	4.54	-0.46	-9.87e-04	0.0	0.0	-50.34	-0.03	7.55e-03	-9.27e-04	-0.91	4.54
		2.70	-0.91	-6.30e-06	0.0	30.0	-47.95	-0.03	7.55e-03	-9.27e-04	-0.69	3.62
						60.0	-45.56	-0.03	7.55e-03	-9.27e-04	-0.46	2.70
83	19	-1.422e+05	26.73	-0.92	0.0	0.0	-48.29	2368.72	-0.80	-0.07	26.73	-2.843e+05
		-2.843e+05	-21.37	1.49e-04	0.0	30.0	-45.89	2368.72	-0.80	-0.07	2.68	-2.132e+05
						60.0	-43.50	2368.72	-0.80	-0.07	-21.37	-1.422e+05
83	21	-1.422e+05	24.16	-0.92	0.0	0.0	-48.28	2368.72	-0.73	-0.07	24.16	-2.843e+05
		-2.843e+05	-19.41	1.34e-04	0.0	30.0	-45.89	2368.72	-0.73	-0.07	2.37	-2.132e+05
						60.0	-43.50	2368.72	-0.73	-0.07	-19.41	-1.422e+05
83	22	4.54	-0.46	-9.87e-04	0.0	0.0	-50.34	-0.03	7.55e-03	-9.27e-04	-0.91	4.54
		2.70	-0.91	-6.30e-06	0.0	30.0	-47.95	-0.03	7.55e-03	-9.27e-04	-0.69	3.62
						60.0	-45.56	-0.03	7.55e-03	-9.27e-04	-0.46	2.70
83	26	-9.950e+04	18.44	-0.64	0.0	0.0	-48.90	1658.09	-0.56	-0.05	18.44	-1.990e+05
		-1.990e+05	-15.10	1.02e-04	0.0	30.0	-46.51	1658.09	-0.56	-0.05	1.67	-1.492e+05
						60.0	-44.12	1658.09	-0.56	-0.05	-15.10	-9.950e+04
83	28	-9.951e+04	17.34	-0.64	0.0	0.0	-48.90	1658.10	-0.53	-0.05	17.34	-1.990e+05
		-1.990e+05	-14.26	9.58e-05	0.0	30.0	-46.51	1658.10	-0.53	-0.05	1.54	-1.492e+05
						60.0	-44.12	1658.10	-0.53	-0.05	-14.26	-9.951e+04
83	29	4.54	-0.46	-9.87e-04	0.0	0.0	-50.34	-0.03	7.55e-03	-9.27e-04	-0.91	4.54
		2.70	-0.91	-6.30e-06	0.0	30.0	-47.95	-0.03	7.55e-03	-9.27e-04	-0.69	3.62
						60.0	-45.56	-0.03	7.55e-03	-9.27e-04	-0.46	2.70
83	30	-8.529e+04	15.68	-0.55	0.0	0.0	-49.11	1421.22	-0.48	-0.04	15.68	-1.706e+05
		-1.706e+05	-13.01	8.67e-05	0.0	30.0	-46.72	1421.22	-0.48	-0.04	1.33	-1.279e+05
						60.0	-44.33	1421.22	-0.48	-0.04	-13.01	-8.529e+04
83	32	-8.529e+04	14.57	-0.55	0.0	0.0	-49.11	1421.22	-0.45	-0.04	14.57	-1.706e+05
		-1.706e+05	-12.17	8.03e-05	0.0	30.0	-46.71	1421.22	-0.45	-0.04	1.20	-1.279e+05
						60.0	-44.32	1421.22	-0.45	-0.04	-12.17	-8.529e+04
84	5	-0.07	12.37	-9.66e-04	0.0	0.0	-50.75	0.02	0.51	1.36e-03	-18.33	-1.04
		-1.04	-18.33	1.65e-05	0.0	30.0	-48.35	0.02	0.51	1.36e-03	-2.98	-0.55
						60.0	-45.96	0.02	0.51	1.36e-03	12.37	-0.07
84	7	-0.44	17.02	-1.05e-03	0.0	0.0	-50.74	8.73e-03	0.69	-1.56e-03	-24.54	-0.96
		-0.96	-24.54	-3.80e-05	0.0	30.0	-48.35	8.73e-03	0.69	-1.56e-03	-3.76	-0.70
						60.0	-45.96	8.73e-03	0.69	-1.56e-03	17.02	-0.44
84	9	-2.121e+05	84.97	-1.39	0.0	0.0	-66.21	3532.24	3.50	-0.76	-125.19	-4.241e+05
		-4.241e+05	-125.19	2.34e-04	0.0	30.0	-63.10	3532.24	3.50	-0.76	-20.11	-3.181e+05
						60.0	-59.99	3532.24	3.50	-0.76	84.97	-2.121e+05
84	11	-2.121e+05	88.22	-1.39	0.0	0.0	-66.20	3532.24	3.63	-0.76	-129.53	-4.241e+05
		-4.241e+05	-129.53	2.10e-04	0.0	30.0	-63.09	3532.24	3.63	-0.76	-20.66	-3.181e+05
						60.0	-59.98	3532.24	3.63	-0.76	88.22	-2.121e+05
84	15	-0.07	12.37	-9.66e-04	0.0	0.0	-50.75	0.02	0.51	1.35e-03	-18.33	-1.04
		-1.04	-18.33	1.65e-05	0.0	30.0	-48.35	0.02	0.51	1.35e-03	-2.98	-0.55
						60.0	-45.96	0.02	0.51	1.35e-03	12.37	-0.07
84	17	-0.32	15.47	-1.02e-03	0.0	0.0	-50.74	0.01	0.63	-5.88e-04	-22.47	-0.99
		-0.99	-22.47	-2.67e-05	0.0	30.0	-48.35	0.01	0.63	-5.88e-04	-3.50	-0.65
						60.0	-45.96	0.01	0.63	-5.88e-04	15.47	-0.32
84	19	-1.414e+05	58.29	-0.93	0.0	0.0	-50.90	2354.83	2.40	-0.51	-85.90	-2.827e+05
		-2.827e+05	-85.90	1.55e-04	0.0	30.0	-48.51	2354.83	2.40	-0.51	-13.80	-2.121e+05
						60.0	-46.12	2354.83	2.40	-0.51	58.29	-1.414e+05
84	21	-1.414e+05	60.46	-0.93	0.0	0.0	-50.90	2354.83	2.49	-0.51	-88.80	-2.827e+05
		-2.827e+05	-88.80	1.39e-04	0.0	30.0	-48.51	2354.83	2.49	-0.51	-14.17	-2.121e+05
						60.0	-46.12	2354.83	2.49	-0.51	60.46	-1.414e+05
84	22	-0.07	12.37	-9.66e-04	0.0	0.0	-50.75	0.02	0.51	1.35e-03	-18.33	-1.04
		-1.04	-18.33	1.65e-05	0.0	30.0	-48.35	0.02	0.51	1.35e-03	-2.98	-0.55
						60.0	-45.96	0.02	0.51	1.35e-03	12.37	-0.07

84	24	-0.19	13.92	-9.93e-04	0.0	0.0	-50.74	0.01	0.57	3.83e-04	-20.40	-1.02
		-1.02	-20.40	-1.60e-05	0.0	30.0	-48.35	0.01	0.57	3.83e-04	-3.24	-0.60
						60.0	-45.96	0.01	0.57	3.83e-04	13.92	-0.19
84	26	-9.900e+04	44.51	-0.65	0.0	0.0	-50.86	1648.39	1.84	-0.35	-65.63	-1.979e+05
		-1.979e+05	-65.63	1.08e-04	0.0	30.0	-48.46	1648.39	1.84	-0.35	-10.56	-1.484e+05
						60.0	-46.07	1648.39	1.84	-0.35	44.51	-9.900e+04
84	28	-9.900e+04	45.44	-0.65	0.0	0.0	-50.86	1648.38	1.87	-0.36	-66.87	-1.979e+05
		-1.979e+05	-66.87	1.01e-04	0.0	30.0	-48.46	1648.38	1.87	-0.36	-10.71	-1.484e+05
						60.0	-46.07	1648.38	1.87	-0.36	45.44	-9.900e+04
84	29	-0.07	12.37	-9.66e-04	0.0	0.0	-50.75	0.02	0.51	1.35e-03	-18.33	-1.04
		-1.04	-18.33	1.65e-05	0.0	30.0	-48.35	0.02	0.51	1.35e-03	-2.98	-0.55
						60.0	-45.96	0.02	0.51	1.35e-03	12.37	-0.07
84	30	-8.485e+04	39.92	-0.56	0.0	0.0	-50.84	1412.90	1.65	-0.30	-58.87	-1.696e+05
		-1.696e+05	-58.87	9.16e-05	0.0	30.0	-48.45	1412.90	1.65	-0.30	-9.47	-1.272e+05
						60.0	-46.06	1412.90	1.65	-0.30	39.92	-8.485e+04
84	31	-0.14	13.30	-9.82e-04	0.0	0.0	-50.75	0.01	0.55	7.72e-04	-19.57	-1.03
		-1.03	-19.57	1.59e-05	0.0	30.0	-48.35	0.01	0.55	7.72e-04	-3.14	-0.58
						60.0	-45.96	0.01	0.55	7.72e-04	13.30	-0.14
84	32	-8.485e+04	40.85	-0.56	0.0	0.0	-50.84	1412.90	1.68	-0.30	-60.11	-1.696e+05
		-1.696e+05	-60.11	8.65e-05	0.0	30.0	-48.45	1412.90	1.68	-0.30	-9.63	-1.272e+05
						60.0	-46.06	1412.90	1.68	-0.30	40.85	-8.485e+04
85	5	-0.73	4.84	-9.47e-04	0.0	0.0	-50.91	6.79e-04	0.19	2.12e-04	-6.53	-0.77
		-0.77	-6.53	5.30e-06	0.0	30.0	-48.52	6.79e-04	0.19	2.12e-04	-0.84	-0.75
						60.0	-46.13	6.79e-04	0.19	2.12e-04	4.84	-0.73
85	11	-2.119e+05	17.72	-1.40	0.0	0.0	-67.67	3537.40	0.71	-0.16	-24.73	-4.241e+05
		-4.241e+05	-24.73	2.12e-04	0.0	30.0	-64.56	3537.40	0.71	-0.16	-3.51	-3.180e+05
						60.0	-61.45	3537.40	0.71	-0.16	17.72	-2.119e+05
85	15	-0.73	4.84	-9.48e-04	0.0	0.0	-50.91	6.71e-04	0.19	2.11e-04	-6.53	-0.77
		-0.77	-6.53	5.31e-06	0.0	30.0	-48.52	6.71e-04	0.19	2.11e-04	-0.84	-0.75
						60.0	-46.13	6.71e-04	0.19	2.11e-04	4.84	-0.73
85	21	-1.412e+05	12.46	-0.94	0.0	0.0	-51.90	2358.27	0.50	-0.11	-17.36	-2.827e+05
		-2.827e+05	-17.36	1.41e-04	0.0	30.0	-49.51	2358.27	0.50	-0.11	-2.45	-2.120e+05
						60.0	-47.11	2358.27	0.50	-0.11	12.46	-1.412e+05
85	22	-0.73	4.84	-9.48e-04	0.0	0.0	-50.91	6.71e-04	0.19	2.11e-04	-6.53	-0.77
		-0.77	-6.53	5.31e-06	0.0	30.0	-48.52	6.71e-04	0.19	2.11e-04	-0.84	-0.75
						60.0	-46.13	6.71e-04	0.19	2.11e-04	4.84	-0.73
85	28	-9.887e+04	9.76	-0.65	0.0	0.0	-51.60	1650.79	0.39	-0.08	-13.54	-1.979e+05
		-1.979e+05	-13.54	1.03e-04	0.0	30.0	-49.21	1650.79	0.39	-0.08	-1.89	-1.484e+05
						60.0	-46.81	1650.79	0.39	-0.08	9.76	-9.887e+04
85	29	-0.73	4.84	-9.48e-04	0.0	0.0	-50.91	6.71e-04	0.19	2.11e-04	-6.53	-0.77
		-0.77	-6.53	5.31e-06	0.0	30.0	-48.52	6.71e-04	0.19	2.11e-04	-0.84	-0.75
						60.0	-46.13	6.71e-04	0.19	2.11e-04	4.84	-0.73
85	32	-8.475e+04	9.15	-0.56	0.0	0.0	-51.50	1414.96	0.36	-0.06	-12.67	-1.696e+05
		-1.696e+05	-12.67	8.67e-05	0.0	30.0	-49.11	1414.96	0.36	-0.06	-1.76	-1.272e+05
						60.0	-46.72	1414.96	0.36	-0.06	9.15	-8.475e+04
86	5	-0.43	11.33	-9.53e-04	0.0	0.0	-50.89	1.82e-03	-0.32	-6.58e-04	11.33	-0.54
		-0.54	-7.96	-1.04e-05	0.0	30.0	-48.50	1.82e-03	-0.32	-6.58e-04	1.69	-0.49
						60.0	-46.11	1.82e-03	-0.32	-6.58e-04	-7.96	-0.43
86	9	-2.120e+05	135.26	-1.40	0.0	0.0	-67.53	3535.22	-3.93	0.36	135.26	-4.241e+05
		-4.241e+05	-100.52	2.41e-04	0.0	30.0	-64.42	3535.22	-3.93	0.36	17.37	-3.180e+05
						60.0	-61.31	3535.22	-3.93	0.36	-100.52	-2.120e+05
86	11	-2.120e+05	137.11	-1.40	0.0	0.0	-67.60	3535.21	-3.99	0.36	137.11	-4.241e+05
		-4.241e+05	-102.14	2.16e-04	0.0	30.0	-64.49	3535.21	-3.99	0.36	17.48	-3.180e+05
						60.0	-61.38	3535.21	-3.99	0.36	-102.14	-2.120e+05
86	15	-0.43	11.33	-9.53e-04	0.0	0.0	-50.89	1.81e-03	-0.32	-6.59e-04	11.33	-0.54
		-0.54	-7.96	-1.04e-05	0.0	30.0	-48.50	1.81e-03	-0.32	-6.59e-04	1.69	-0.49
						60.0	-46.11	1.81e-03	-0.32	-6.59e-04	-7.96	-0.43
86	19	-1.413e+05	91.68	-0.93	0.0	0.0	-51.81	2356.81	-2.66	0.24	91.68	-2.827e+05
		-2.827e+05	-68.07	1.61e-04	0.0	30.0	-49.41	2356.81	-2.66	0.24	11.80	-2.120e+05
						60.0	-47.02	2356.81	-2.66	0.24	-68.07	-1.413e+05
86	21	-1.413e+05	92.91	-0.93	0.0	0.0	-51.86	2356.81	-2.70	0.24	92.91	-2.827e+05
		-2.827e+05	-69.16	1.44e-04	0.0	30.0	-49.46	2356.81	-2.70	0.24	11.88	-2.120e+05
						60.0	-47.07	2356.81	-2.70	0.24	-69.16	-1.413e+05
86	22	-0.43	11.33	-9.53e-04	0.0	0.0	-50.89	1.81e-03	-0.32	-6.59e-04	11.33	-0.54
		-0.54	-7.96	-1.04e-05	0.0	30.0	-48.50	1.81e-03	-0.32	-6.59e-04	1.69	-0.49
						60.0	-46.11	1.81e-03	-0.32	-6.59e-04	-7.96	-0.43
86	26	-9.892e+04	67.58	-0.65	0.0	0.0	-51.53	1649.77	-1.96	0.17	67.58	-1.979e+05
		-1.979e+05	-50.04	1.13e-04	0.0	30.0	-49.14	1649.77	-1.96	0.17	8.77	-1.484e+05
						60.0	-46.75	1649.77	-1.96	0.17	-50.04	-9.892e+04
86	28	-9.892e+04	68.10	-0.65	0.0	0.0	-51.55	1649.77	-1.98	0.17	68.10	-1.979e+05
		-1.979e+05	-50.50	1.06e-04	0.0	30.0	-49.16	1649.77	-1.98	0.17	8.80	-1.484e+05

						60.0	-46.77	1649.77	-1.98	0.17	-50.50	-9.892e+04
86	29	-0.43	11.33	-9.53e-04	0.0	0.0	-50.89	1.81e-03	-0.32	-6.59e-04	11.33	-0.54
		-0.54	-7.96	-1.04e-05	0.0	30.0	-48.50	1.81e-03	-0.32	-6.59e-04	1.69	-0.49
						60.0	-46.11	1.81e-03	-0.32	-6.59e-04	-7.96	-0.43
86	30	-8.478e+04	59.54	-0.56	0.0	0.0	-51.44	1414.09	-1.73	0.14	59.54	-1.696e+05
		-1.696e+05	-44.03	9.67e-05	0.0	30.0	-49.05	1414.09	-1.73	0.14	7.76	-1.272e+05
						60.0	-46.66	1414.09	-1.73	0.14	-44.03	-8.478e+04
86	32	-8.478e+04	60.07	-0.56	0.0	0.0	-51.46	1414.09	-1.74	0.14	60.07	-1.696e+05
		-1.696e+05	-44.49	8.98e-05	0.0	30.0	-49.07	1414.09	-1.74	0.14	7.79	-1.272e+05
						60.0	-46.68	1414.09	-1.74	0.14	-44.49	-8.478e+04
87	1	1.45	23.14	-1.27e-03	0.0	0.0	-65.81	-8.62e-03	-0.62	-1.09e-03	23.14	1.45
		0.93	-14.16	-2.35e-05	0.0	30.0	-62.70	-8.62e-03	-0.62	-1.09e-03	4.49	1.19
						60.0	-59.59	-8.62e-03	-0.62	-1.09e-03	-14.16	0.93
87	3	-3.59	38.96	-1.60e-03	0.0	0.0	-65.96	0.01	-1.08	-7.31e-03	38.96	-4.23
		-4.23	-26.09	-5.05e-05	0.0	30.0	-62.85	0.01	-1.08	-7.31e-03	6.43	-3.91
						60.0	-59.74	0.01	-1.08	-7.31e-03	-26.09	-3.59
87	11	-2.125e+05	189.71	-1.39	0.0	0.0	-64.80	3538.48	-5.30	0.47	189.71	-4.248e+05
		-4.248e+05	-128.03	2.25e-04	0.0	30.0	-61.69	3538.48	-5.30	0.47	30.84	-3.187e+05
						60.0	-58.58	3538.48	-5.30	0.47	-128.03	-2.125e+05
87	12	-2.125e+05	173.29	-1.39	0.0	0.0	-49.51	3538.46	-4.83	0.47	173.29	-4.248e+05
		-4.248e+05	-116.41	2.52e-04	0.0	30.0	-47.12	3538.46	-4.83	0.47	28.44	-3.187e+05
						60.0	-44.72	3538.46	-4.83	0.47	-116.41	-2.125e+05
87	14	-2.125e+05	184.36	-1.39	0.0	0.0	-49.61	3538.48	-5.15	0.47	184.36	-4.248e+05
		-4.248e+05	-124.76	2.24e-04	0.0	30.0	-47.22	3538.48	-5.15	0.47	29.80	-3.187e+05
						60.0	-44.83	3538.48	-5.15	0.47	-124.76	-2.125e+05
87	15	1.12	17.80	-9.76e-04	0.0	0.0	-50.62	-6.67e-03	-0.48	-8.35e-04	17.80	1.12
		0.72	-10.89	-1.79e-05	0.0	30.0	-48.23	-6.67e-03	-0.48	-8.35e-04	3.45	0.92
						60.0	-45.84	-6.67e-03	-0.48	-8.35e-04	-10.89	0.72
87	17	-2.30	28.34	-1.20e-03	0.0	0.0	-50.72	6.21e-03	-0.79	-4.98e-03	28.34	-2.67
		-2.67	-18.84	-3.61e-05	0.0	30.0	-48.33	6.21e-03	-0.79	-4.98e-03	4.75	-2.48
						60.0	-45.94	6.21e-03	-0.79	-4.98e-03	-18.84	-2.30
87	19	-1.417e+05	121.46	-0.93	0.0	0.0	-49.88	2358.97	-3.38	0.31	121.46	-2.832e+05
		-2.832e+05	-81.24	1.69e-04	0.0	30.0	-47.49	2358.97	-3.38	0.31	20.11	-2.124e+05
						60.0	-45.10	2358.97	-3.38	0.31	-81.24	-1.417e+05
87	21	-1.417e+05	128.84	-0.93	0.0	0.0	-49.95	2358.98	-3.59	0.31	128.84	-2.832e+05
		-2.832e+05	-86.80	1.50e-04	0.0	30.0	-47.56	2358.98	-3.59	0.31	21.02	-2.124e+05
						60.0	-45.17	2358.98	-3.59	0.31	-86.80	-1.417e+05
87	22	1.12	17.80	-9.76e-04	0.0	0.0	-50.62	-6.67e-03	-0.48	-8.35e-04	17.80	1.12
		0.72	-10.89	-1.79e-05	0.0	30.0	-48.23	-6.67e-03	-0.48	-8.35e-04	3.45	0.92
						60.0	-45.84	-6.67e-03	-0.48	-8.35e-04	-10.89	0.72
87	24	-0.78	23.07	-1.09e-03	0.0	0.0	-50.67	-2.31e-04	-0.63	-2.91e-03	23.07	-0.78
		-0.79	-14.87	-2.69e-05	0.0	30.0	-48.28	-2.31e-04	-0.63	-2.91e-03	4.10	-0.78
						60.0	-45.89	-2.31e-04	-0.63	-2.91e-03	-14.87	-0.79
87	26	-9.917e+04	90.36	-0.65	0.0	0.0	-50.10	1651.28	-2.51	0.22	90.36	-1.982e+05
		-1.982e+05	-60.13	1.19e-04	0.0	30.0	-47.71	1651.28	-2.51	0.22	15.12	-1.487e+05
						60.0	-45.32	1651.28	-2.51	0.22	-60.13	-9.917e+04
87	28	-9.917e+04	93.53	-0.65	0.0	0.0	-50.13	1651.28	-2.60	0.22	93.53	-1.982e+05
		-1.982e+05	-62.52	1.11e-04	0.0	30.0	-47.74	1651.28	-2.60	0.22	15.50	-1.487e+05
						60.0	-45.35	1651.28	-2.60	0.22	-62.52	-9.917e+04
87	29	1.12	17.80	-9.76e-04	0.0	0.0	-50.62	-6.67e-03	-0.48	-8.35e-04	17.80	1.12
		0.72	-10.89	-1.79e-05	0.0	30.0	-48.23	-6.67e-03	-0.48	-8.35e-04	3.45	0.92
						60.0	-45.84	-6.67e-03	-0.48	-8.35e-04	-10.89	0.72
87	30	-8.500e+04	80.00	-0.56	0.0	0.0	-50.18	1415.38	-2.22	0.19	80.00	-1.699e+05
		-1.699e+05	-53.10	1.02e-04	0.0	30.0	-47.79	1415.38	-2.22	0.19	13.45	-1.275e+05
						60.0	-45.39	1415.38	-2.22	0.19	-53.10	-8.500e+04
87	31	-0.02	20.96	-1.04e-03	0.0	0.0	-50.65	-2.81e-03	-0.57	-2.08e-03	20.96	-0.02
		-0.19	-13.27	-2.36e-05	0.0	30.0	-48.26	-2.81e-03	-0.57	-2.08e-03	3.84	-0.10
						60.0	-45.87	-2.81e-03	-0.57	-2.08e-03	-13.27	-0.19
87	32	-8.500e+04	83.16	-0.56	0.0	0.0	-50.21	1415.39	-2.31	0.19	83.16	-1.699e+05
		-1.699e+05	-55.48	9.38e-05	0.0	30.0	-47.82	1415.39	-2.31	0.19	13.84	-1.275e+05
						60.0	-45.42	1415.39	-2.31	0.19	-55.48	-8.500e+04
88	1	2.94	8.23	-1.27e-03	0.0	0.0	-65.50	-0.01	0.30	9.85e-04	-9.78	2.94
		2.19	-9.78	7.88e-06	0.0	30.0	-62.39	-0.01	0.30	9.85e-04	-0.77	2.56
						60.0	-59.28	-0.01	0.30	9.85e-04	8.23	2.19
88	9	-2.129e+05	38.74	-1.38	0.0	0.0	-63.15	3547.29	1.76	-0.09	-67.15	-4.257e+05
		-4.257e+05	-67.15	2.76e-04	0.0	30.0	-60.04	3547.29	1.76	-0.09	-14.21	-3.193e+05
						60.0	-56.93	3547.29	1.76	-0.09	38.74	-2.129e+05
88	14	-2.129e+05	25.68	-1.38	0.0	0.0	-48.00	3547.32	1.26	-0.10	-49.69	-4.257e+05
		-4.257e+05	-49.69	2.46e-04	0.0	30.0	-45.61	3547.32	1.26	-0.10	-12.01	-3.193e+05
						60.0	-43.22	3547.32	1.26	-0.10	25.68	-2.129e+05
88	15	2.27	6.34	-9.80e-04	0.0	0.0	-50.39	-9.79e-03	0.23	7.60e-04	-7.53	2.27

		1.68	-7.53	6.28e-06	0.0	30.0	-47.99	-9.79e-03	0.23	7.60e-04	-0.59	1.98
						60.0	-45.60	-9.79e-03	0.23	7.60e-04	6.34	1.68
88	19	-1.419e+05	26.67	-0.92	0.0	0.0	-48.82	2364.86	1.21	-0.06	-45.77	-2.838e+05
		-2.838e+05	-45.77	1.84e-04	0.0	30.0	-46.43	2364.86	1.21	-0.06	-9.55	-2.129e+05
						60.0	-44.03	2364.86	1.21	-0.06	26.67	-1.419e+05
88	21	-1.419e+05	19.23	-0.92	0.0	0.0	-48.80	2364.88	0.91	-0.07	-35.63	-2.838e+05
		-2.838e+05	-35.63	1.65e-04	0.0	30.0	-46.40	2364.88	0.91	-0.07	-8.20	-2.129e+05
						60.0	-44.01	2364.88	0.91	-0.07	19.23	-1.419e+05
88	22	2.27	6.34	-9.80e-04	0.0	0.0	-50.39	-9.79e-03	0.23	7.60e-04	-7.53	2.27
		1.68	-7.53	6.28e-06	0.0	30.0	-47.99	-9.79e-03	0.23	7.60e-04	-0.59	1.98
						60.0	-45.60	-9.79e-03	0.23	7.60e-04	6.34	1.68
88	26	-9.935e+04	20.57	-0.65	0.0	0.0	-49.29	1655.40	0.91	-0.04	-34.30	-1.987e+05
		-1.987e+05	-34.30	1.29e-04	0.0	30.0	-46.90	1655.40	0.91	-0.04	-6.86	-1.490e+05
						60.0	-44.50	1655.40	0.91	-0.04	20.57	-9.935e+04
88	28	-9.935e+04	17.38	-0.65	0.0	0.0	-49.28	1655.41	0.79	-0.05	-29.95	-1.987e+05
		-1.987e+05	-29.95	1.21e-04	0.0	30.0	-46.89	1655.41	0.79	-0.05	-6.29	-1.490e+05
						60.0	-44.50	1655.41	0.79	-0.05	17.38	-9.935e+04
88	29	2.27	6.34	-9.80e-04	0.0	0.0	-50.39	-9.79e-03	0.23	7.60e-04	-7.53	2.27
		1.68	-7.53	6.28e-06	0.0	30.0	-47.99	-9.79e-03	0.23	7.60e-04	-0.59	1.98
						60.0	-45.60	-9.79e-03	0.23	7.60e-04	6.34	1.68
88	30	-8.516e+04	18.54	-0.55	0.0	0.0	-49.45	1418.91	0.82	-0.04	-30.47	-1.703e+05
		-1.703e+05	-30.47	1.11e-04	0.0	30.0	-47.05	1418.91	0.82	-0.04	-5.97	-1.277e+05
						60.0	-44.66	1418.91	0.82	-0.04	18.54	-8.516e+04
88	32	-8.516e+04	15.35	-0.55	0.0	0.0	-49.44	1418.92	0.69	-0.04	-26.13	-1.703e+05
		-1.703e+05	-26.13	1.03e-04	0.0	30.0	-47.04	1418.92	0.69	-0.04	-5.39	-1.277e+05
						60.0	-44.65	1418.92	0.69	-0.04	15.35	-8.516e+04
89	7	8.72	1.46	-1.87e-03	0.0	0.0	-51.05	-0.04	0.06	-9.25e-03	-2.36	8.72
		6.53	-2.36	-4.30e-05	0.0	30.0	-48.65	-0.04	0.06	-9.25e-03	-0.45	7.63
						60.0	-46.26	-0.04	0.06	-9.25e-03	1.46	6.53
89	9	-2.121e+05	84.41	-1.39	0.0	0.0	-67.46	3534.53	3.34	-0.43	-115.77	-4.242e+05
		-4.242e+05	-115.77	2.90e-04	0.0	30.0	-64.35	3534.53	3.34	-0.43	-15.68	-3.181e+05
						60.0	-61.24	3534.53	3.34	-0.43	84.41	-2.121e+05
89	17	5.56	4.22	-1.55e-03	0.0	0.0	-51.09	-0.02	0.17	-5.30e-03	-5.91	5.56
		4.36	-5.91	-2.94e-05	0.0	30.0	-48.70	-0.02	0.17	-5.30e-03	-0.85	4.96
						60.0	-46.31	-0.02	0.17	-5.30e-03	4.22	4.36
89	19	-1.414e+05	57.58	-0.93	0.0	0.0	-51.80	2356.36	2.27	-0.28	-78.92	-2.828e+05
		-2.828e+05	-78.92	1.93e-04	0.0	30.0	-49.40	2356.36	2.27	-0.28	-10.67	-2.121e+05
						60.0	-47.01	2356.36	2.27	-0.28	57.58	-1.414e+05
89	24	2.38	6.99	-1.24e-03	0.0	0.0	-51.14	-3.39e-03	0.27	-1.35e-03	-9.48	2.38
		2.18	-9.48	-1.58e-05	0.0	30.0	-48.75	-3.39e-03	0.27	-1.35e-03	-1.24	2.28
						60.0	-46.36	-3.39e-03	0.27	-1.35e-03	6.99	2.18
89	26	-9.897e+04	43.23	-0.65	0.0	0.0	-51.62	1649.45	1.71	-0.20	-59.15	-1.979e+05
		-1.979e+05	-59.15	1.34e-04	0.0	30.0	-49.22	1649.45	1.71	-0.20	-7.96	-1.485e+05
						60.0	-46.83	1649.45	1.71	-0.20	43.23	-9.897e+04
89	30	-8.483e+04	38.45	-0.56	0.0	0.0	-51.56	1413.82	1.52	-0.17	-52.57	-1.697e+05
		-1.697e+05	-52.57	1.15e-04	0.0	30.0	-49.16	1413.82	1.52	-0.17	-7.06	-1.272e+05
						60.0	-46.77	1413.82	1.52	-0.17	38.45	-8.483e+04
89	31	1.31	8.10	-1.12e-03	0.0	0.0	-51.16	3.24e-03	0.32	2.38e-04	-10.90	1.11
		1.11	-10.90	-1.19e-05	0.0	30.0	-48.77	3.24e-03	0.32	2.38e-04	-1.40	1.21
						60.0	-46.38	3.24e-03	0.32	2.38e-04	8.10	1.31
90	3	8.14	21.03	-2.23e-03	0.0	0.0	-68.11	-0.03	0.68	2.32e-03	-19.70	8.14
		6.43	-19.70	-6.15e-05	0.0	30.0	-65.00	-0.03	0.68	2.32e-03	0.66	7.28
						60.0	-61.90	-0.03	0.68	2.32e-03	21.03	6.43
90	7	8.33	17.02	-1.96e-03	0.0	0.0	-52.35	-0.03	0.55	1.74e-03	-16.18	8.33
		6.52	-16.18	-5.59e-05	0.0	30.0	-49.96	-0.03	0.55	1.74e-03	0.42	7.43
						60.0	-47.56	-0.03	0.55	1.74e-03	17.02	6.52
90	9	-2.120e+05	9.39	-1.40	0.0	0.0	-70.01	3534.11	0.32	0.20	-9.64	-4.241e+05
		-4.241e+05	-9.64	2.82e-04	0.0	30.0	-66.90	3534.11	0.32	0.20	-0.13	-3.180e+05
						60.0	-63.79	3534.11	0.32	0.20	9.39	-2.120e+05
90	17	5.32	15.80	-1.60e-03	0.0	0.0	-52.42	-0.02	0.51	1.79e-03	-14.70	5.32
		4.24	-14.70	-4.36e-05	0.0	30.0	-50.03	-0.02	0.51	1.79e-03	0.55	4.78
						60.0	-47.63	-0.02	0.51	1.79e-03	15.80	4.24
90	19	-1.413e+05	8.04	-0.93	0.0	0.0	-53.68	2356.08	0.27	0.14	-7.99	-2.827e+05
		-2.827e+05	-7.99	1.86e-04	0.0	30.0	-51.29	2356.08	0.27	0.14	0.02	-2.120e+05
						60.0	-48.90	2356.08	0.27	0.14	8.04	-1.413e+05
90	24	2.30	14.58	-1.24e-03	0.0	0.0	-52.49	-5.71e-03	0.46	1.82e-03	-13.22	2.30
		1.96	-13.22	-3.17e-05	0.0	30.0	-50.10	-5.71e-03	0.46	1.82e-03	0.68	2.13
						60.0	-47.70	-5.71e-03	0.46	1.82e-03	14.58	1.96
90	26	-9.894e+04	9.64	-0.65	0.0	0.0	-53.34	1649.26	0.31	0.10	-9.12	-1.979e+05
		-1.979e+05	-9.12	1.26e-04	0.0	30.0	-50.95	1649.26	0.31	0.10	0.26	-1.484e+05
						60.0	-48.56	1649.26	0.31	0.10	9.64	-9.894e+04

90	30	-8.480e+04	10.17	-0.56	0.0	0.0	-53.23	1413.65	0.33	0.08	-9.49	-1.696e+05
		-1.696e+05	-9.49	1.06e-04	0.0	30.0	-50.84	1413.65	0.33	0.08	0.34	-1.272e+05
						60.0	-48.45	1413.65	0.33	0.08	10.17	-8.480e+04
90	31	1.09	14.09	-1.09e-03	0.0	0.0	-52.52	-8.13e-04	0.45	1.84e-03	-12.62	1.09
		1.04	-12.62	-2.77e-05	0.0	30.0	-50.12	-8.13e-04	0.45	1.84e-03	0.73	1.07
						60.0	-47.73	-8.13e-04	0.45	1.84e-03	14.09	1.04
91	3	-3.74	160.21	-2.08e-03	0.0	0.0	-36.41	0.03	4.39	7.48e-03	-103.01	-5.29
		-5.29	-103.01	-2.26e-04	0.0	30.0	-33.30	0.03	4.39	7.48e-03	28.60	-4.51
						60.0	-30.19	0.03	4.39	7.48e-03	160.21	-3.74
91	5	-0.97	116.98	-8.18e-04	0.0	0.0	-27.87	-7.42e-03	3.07	3.16e-03	-67.07	-0.97
		-1.41	-67.07	-1.56e-04	0.0	30.0	-25.47	-7.42e-03	3.07	3.16e-03	24.95	-1.19
						60.0	-23.08	-7.42e-03	3.07	3.16e-03	116.98	-1.41
91	11	-2.125e+05	103.31	-1.39	0.0	0.0	-35.31	3541.44	1.59	-0.02	7.92	-4.250e+05
		-4.250e+05	7.92	2.27e-04	0.0	30.0	-32.20	3541.44	1.59	-0.02	55.61	-3.187e+05
						60.0	-29.09	3541.44	1.59	-0.02	103.31	-2.125e+05
91	12	-2.125e+05	62.52	-1.39	0.0	0.0	-26.83	3541.42	0.39	-0.03	39.11	-4.250e+05
		-4.250e+05	39.11	2.66e-04	0.0	30.0	-24.44	3541.42	0.39	-0.03	50.82	-3.187e+05
						60.0	-22.04	3541.42	0.39	-0.03	62.52	-2.125e+05
91	15	-0.98	116.98	-8.19e-04	0.0	0.0	-27.87	-7.29e-03	3.07	3.14e-03	-67.08	-0.98
		-1.42	-67.08	-1.56e-04	0.0	30.0	-25.47	-7.29e-03	3.07	3.14e-03	24.95	-1.20
						60.0	-23.08	-7.29e-03	3.07	3.14e-03	116.98	-1.42
91	17	-2.68	122.40	-1.50e-03	0.0	0.0	-27.99	0.02	3.33	5.42e-03	-77.61	-3.65
		-3.65	-77.61	-1.71e-04	0.0	30.0	-25.59	0.02	3.33	5.42e-03	22.40	-3.17
						60.0	-23.20	0.02	3.33	5.42e-03	122.40	-2.68
91	19	-1.417e+05	80.68	-0.93	0.0	0.0	-27.17	2360.94	1.28	-0.02	3.71	-2.833e+05
		-2.833e+05	3.71	1.64e-04	0.0	30.0	-24.78	2360.94	1.28	-0.02	42.19	-2.125e+05
						60.0	-22.39	2360.94	1.28	-0.02	80.68	-1.417e+05
91	21	-1.417e+05	84.47	-0.93	0.0	0.0	-27.26	2360.96	1.47	-0.01	-3.66	-2.833e+05
		-2.833e+05	-3.66	1.46e-04	0.0	30.0	-24.87	2360.96	1.47	-0.01	40.40	-2.125e+05
						60.0	-22.47	2360.96	1.47	-0.01	84.47	-1.417e+05
91	22	-0.98	116.98	-8.19e-04	0.0	0.0	-27.87	-7.29e-03	3.07	3.14e-03	-67.08	-0.98
		-1.42	-67.08	-1.56e-04	0.0	30.0	-25.47	-7.29e-03	3.07	3.14e-03	24.95	-1.20
						60.0	-23.08	-7.29e-03	3.07	3.14e-03	116.98	-1.42
91	24	-2.05	119.69	-1.16e-03	0.0	0.0	-27.93	4.48e-03	3.20	4.28e-03	-72.35	-2.32
		-2.32	-72.35	-1.64e-04	0.0	30.0	-25.53	4.48e-03	3.20	4.28e-03	23.67	-2.18
						60.0	-23.14	4.48e-03	3.20	4.28e-03	119.69	-2.05
91	26	-9.916e+04	91.57	-0.65	0.0	0.0	-27.38	1652.66	1.82	-0.01	-17.53	-1.983e+05
		-1.983e+05	-17.53	-1.04e-04	0.0	30.0	-24.99	1652.66	1.82	-0.01	37.02	-1.487e+05
						60.0	-22.60	1652.66	1.82	-0.01	91.57	-9.916e+04
91	28	-9.916e+04	93.19	-0.65	0.0	0.0	-27.42	1652.66	1.90	-9.99e-03	-20.69	-1.983e+05
		-1.983e+05	-20.69	-1.05e-04	0.0	30.0	-25.03	1652.66	1.90	-9.99e-03	36.25	-1.487e+05
						60.0	-22.63	1652.66	1.90	-9.99e-03	93.19	-9.916e+04
91	29	-0.98	116.98	-8.19e-04	0.0	0.0	-27.87	-7.29e-03	3.07	3.14e-03	-67.08	-0.98
		-1.42	-67.08	-1.56e-04	0.0	30.0	-25.47	-7.29e-03	3.07	3.14e-03	24.95	-1.20
						60.0	-23.08	-7.29e-03	3.07	3.14e-03	116.98	-1.42
91	30	-8.499e+04	95.20	-0.56	0.0	0.0	-27.45	1416.56	2.00	-8.70e-03	-24.61	-1.700e+05
		-1.700e+05	-24.61	-1.07e-04	0.0	30.0	-25.06	1416.56	2.00	-8.70e-03	35.30	-1.275e+05
						60.0	-22.67	1416.56	2.00	-8.70e-03	95.20	-8.499e+04
91	31	-1.78	118.61	-1.02e-03	0.0	0.0	-27.90	-2.28e-04	3.15	3.82e-03	-70.24	-1.78
		-1.79	-70.24	-1.61e-04	0.0	30.0	-25.51	-2.28e-04	3.15	3.82e-03	24.18	-1.79
						60.0	-23.12	-2.28e-04	3.15	3.82e-03	118.61	-1.79
91	32	-8.499e+04	96.82	-0.56	0.0	0.0	-27.49	1416.57	2.08	-8.02e-03	-27.76	-1.700e+05
		-1.700e+05	-27.76	-1.10e-04	0.0	30.0	-25.09	1416.57	2.08	-8.02e-03	34.53	-1.275e+05
						60.0	-22.70	1416.57	2.08	-8.02e-03	96.82	-8.499e+04
95	7	-0.32	9.25	-8.66e-04	0.0	0.0	-25.25	9.30e-04	0.36	-2.22e-03	-12.56	-0.38
		-0.38	-12.56	-1.75e-04	0.0	30.0	-22.86	9.30e-04	0.36	-2.22e-03	-1.65	-0.35
						60.0	-20.47	9.30e-04	0.36	-2.22e-03	9.25	-0.32
95	9	163.14	20.74	-3.01	0.0	0.0	-33.51	3537.38	-0.90	-1.35e-03	20.74	-2.121e+05
		-2.121e+05	-32.98	7.87e-05	0.0	30.0	-30.40	3537.38	-0.90	-1.35e-03	-6.12	-1.060e+05
						60.0	-27.29	3537.38	-0.90	-1.35e-03	-32.98	163.14
95	11	163.12	19.01	-3.01	0.0	0.0	-33.51	3537.38	-0.83	-1.40e-03	19.01	-2.121e+05
		-2.121e+05	-30.92	6.22e-05	0.0	30.0	-30.40	3537.38	-0.83	-1.40e-03	-5.95	-1.060e+05
						60.0	-27.29	3537.38	-0.83	-1.40e-03	-30.92	163.12
95	12	163.23	23.77	-3.01	0.0	0.0	-25.94	3537.38	-0.98	-7.09e-04	23.77	-2.121e+05
		-2.121e+05	-34.87	1.15e-04	0.0	30.0	-23.54	3537.38	-0.98	-7.09e-04	-5.55	-1.060e+05
						60.0	-21.15	3537.38	-0.98	-7.09e-04	-34.87	163.23
95	17	-0.31	8.27	-8.64e-04	0.0	0.0	-25.25	1.04e-03	0.33	-2.19e-03	-11.74	-0.38
		-0.38	-11.74	-1.65e-04	0.0	30.0	-22.86	1.04e-03	0.33	-2.19e-03	-1.73	-0.34
						60.0	-20.47	1.04e-03	0.33	-2.19e-03	8.27	-0.31
95	19	108.72	12.48	-2.01	0.0	0.0	-25.71	2358.25	-0.56	-1.19e-03	12.48	-1.414e+05
		-1.414e+05	-21.15	3.81e-05	0.0	30.0	-23.32	2358.25	-0.56	-1.19e-03	-4.33	-7.064e+04

						60.0	-20.92	2358.25	-0.56	-1.19e-03	-21.15	108.72
95	21	108.71	11.33	-2.01	0.0	0.0	-25.71	2358.25	-0.52	-1.22e-03	11.33	-1.414e+05
		-1.414e+05	-19.77	2.71e-05	0.0	30.0	-23.32	2358.25	-0.52	-1.22e-03	-4.22	-7.064e+04
						60.0	-20.92	2358.25	-0.52	-1.22e-03	-19.77	108.71
95	24	-0.30	7.29	-8.62e-04	0.0	0.0	-25.25	1.16e-03	0.30	-2.17e-03	-10.91	-0.37
		-0.37	-10.91	-1.55e-04	0.0	30.0	-22.86	1.16e-03	0.30	-2.17e-03	-1.81	-0.34
						60.0	-20.47	1.16e-03	0.30	-2.17e-03	7.29	-0.30
95	26	76.02	5.71	-1.41	0.0	0.0	-25.57	1650.78	-0.31	-1.47e-03	5.71	-9.897e+04
		-9.897e+04	-12.91	-2.92e-05	0.0	30.0	-23.18	1650.78	-0.31	-1.47e-03	-3.60	-4.945e+04
						60.0	-20.79	1650.78	-0.31	-1.47e-03	-12.91	76.02
95	28	76.01	5.22	-1.41	0.0	0.0	-25.57	1650.78	-0.29	-1.49e-03	5.22	-9.897e+04
		-9.897e+04	-12.32	-3.49e-05	0.0	30.0	-23.18	1650.78	-0.29	-1.49e-03	-3.55	-4.945e+04
						60.0	-20.79	1650.78	-0.29	-1.49e-03	-12.32	76.01
95	30	65.12	3.45	-1.21	0.0	0.0	-25.53	1414.95	-0.23	-1.57e-03	3.45	-8.483e+04
		-8.483e+04	-10.17	-4.58e-05	0.0	30.0	-23.13	1414.95	-0.23	-1.57e-03	-3.36	-4.238e+04
						60.0	-20.74	1414.95	-0.23	-1.57e-03	-10.17	65.12
95	31	-0.30	6.90	-8.62e-04	0.0	0.0	-25.25	1.20e-03	0.29	-2.16e-03	-10.58	-0.37
		-0.37	-10.58	-1.52e-04	0.0	30.0	-22.86	1.20e-03	0.29	-2.16e-03	-1.84	-0.34
						60.0	-20.47	1.20e-03	0.29	-2.16e-03	6.90	-0.30
95	32	65.11	2.96	-1.21	0.0	0.0	-25.53	1414.95	-0.21	-1.58e-03	2.96	-8.483e+04
		-8.483e+04	-9.58	-5.16e-05	0.0	30.0	-23.13	1414.95	-0.21	-1.58e-03	-3.31	-4.238e+04
						60.0	-20.74	1414.95	-0.21	-1.58e-03	-9.58	65.11
115	1	-0.40	210.64	-1.03e-03	0.0	0.0	-18.13	-2.38e-03	-7.99	-1.16e-03	210.64	-0.40
		-0.54	-268.95	-3.68e-04	0.0	30.0	-15.02	-2.38e-03	-7.99	-1.16e-03	-29.15	-0.47
						60.0	-11.91	-2.38e-03	-7.99	-1.16e-03	-268.95	-0.54
115	5	-0.30	162.03	-7.93e-04	0.0	0.0	-13.95	-1.83e-03	-6.15	-8.95e-04	162.03	-0.30
		-0.41	-206.88	-2.83e-04	0.0	30.0	-11.56	-1.83e-03	-6.15	-8.95e-04	-22.42	-0.36
						60.0	-9.16	-1.83e-03	-6.15	-8.95e-04	-206.88	-0.41
115	11	-194.89	126.71	-3.00	0.0	0.0	-16.95	3539.47	-4.46	-0.57	126.71	-2.126e+05
		-2.126e+05	-140.90	-1.04e-04	0.0	30.0	-13.84	3539.47	-4.46	-0.57	-7.10	-1.064e+05
						60.0	-10.73	3539.47	-4.46	-0.57	-140.90	-194.89
115	14	-194.76	78.10	-3.00	0.0	0.0	-12.76	3539.47	-2.62	-0.57	78.10	-2.126e+05
		-2.126e+05	-78.84	-4.47e-05	0.0	30.0	-10.37	3539.47	-2.62	-0.57	-0.37	-1.064e+05
						60.0	-7.98	3539.47	-2.62	-0.57	-78.84	-194.76
115	15	-0.30	162.03	-7.93e-04	0.0	0.0	-13.95	-1.83e-03	-6.15	-8.95e-04	162.03	-0.30
		-0.41	-206.88	-2.83e-04	0.0	30.0	-11.56	-1.83e-03	-6.15	-8.95e-04	-22.42	-0.36
						60.0	-9.16	-1.83e-03	-6.15	-8.95e-04	-206.88	-0.41
115	21	-129.98	106.08	-2.00	0.0	0.0	-13.16	2359.65	-3.79	-0.38	106.08	-1.417e+05
		-1.417e+05	-121.52	-1.07e-04	0.0	30.0	-10.77	2359.65	-3.79	-0.38	-7.72	-7.092e+04
						60.0	-8.37	2359.65	-3.79	-0.38	-121.52	-129.98
115	22	-0.30	162.03	-7.93e-04	0.0	0.0	-13.95	-1.83e-03	-6.15	-8.95e-04	162.03	-0.30
		-0.41	-206.88	-2.83e-04	0.0	30.0	-11.56	-1.83e-03	-6.15	-8.95e-04	-22.42	-0.36
						60.0	-9.16	-1.83e-03	-6.15	-8.95e-04	-206.88	-0.41
115	28	-91.11	123.03	-1.40	0.0	0.0	-13.40	1651.75	-4.51	-0.26	123.03	-9.920e+04
		-9.920e+04	-147.37	-1.57e-04	0.0	30.0	-11.00	1651.75	-4.51	-0.26	-12.17	-4.964e+04
						60.0	-8.61	1651.75	-4.51	-0.26	-147.37	-91.11
115	29	-0.30	162.03	-7.93e-04	0.0	0.0	-13.95	-1.83e-03	-6.15	-8.95e-04	162.03	-0.30
		-0.41	-206.88	-2.83e-04	0.0	30.0	-11.56	-1.83e-03	-6.15	-8.95e-04	-22.42	-0.36
						60.0	-9.16	-1.83e-03	-6.15	-8.95e-04	-206.88	-0.41
115	32	-78.15	128.56	-1.20	0.0	0.0	-13.48	1415.79	-4.74	-0.23	128.56	-8.503e+04
		-8.503e+04	-155.82	-1.76e-04	0.0	30.0	-11.08	1415.79	-4.74	-0.23	-13.63	-4.255e+04
						60.0	-8.69	1415.79	-4.74	-0.23	-155.82	-78.15
116	3	-1.09	261.76	-2.11e-03	0.0	0.0	-17.88	0.02	7.77	4.53e-03	-204.41	-2.07
		-2.07	-204.41	3.06e-04	0.0	30.0	-14.77	0.02	7.77	4.53e-03	28.67	-1.58
						60.0	-11.66	0.02	7.77	4.53e-03	261.76	-1.09
116	5	-0.56	195.97	-8.25e-04	0.0	0.0	-13.70	-3.83e-03	5.83	1.95e-03	-153.85	-0.56
		-0.79	-153.85	2.70e-04	0.0	30.0	-11.31	-3.83e-03	5.83	1.95e-03	21.06	-0.68
						60.0	-8.92	-3.83e-03	5.83	1.95e-03	195.97	-0.79
116	11	-27.15	223.70	-3.02	0.0	0.0	-17.46	3540.07	6.82	0.13	-185.31	-2.124e+05
		-2.124e+05	-185.31	6.07e-04	0.0	30.0	-14.36	3540.07	6.82	0.13	19.19	-1.062e+05
						60.0	-11.25	3540.07	6.82	0.13	223.70	-27.15
116	12	-26.87	160.01	-3.02	0.0	0.0	-13.31	3540.06	4.93	0.13	-136.06	-2.124e+05
		-2.124e+05	-136.06	5.58e-04	0.0	30.0	-10.91	3540.06	4.93	0.13	11.97	-1.062e+05
						60.0	-8.52	3540.06	4.93	0.13	160.01	-26.87
116	15	-0.56	195.97	-8.26e-04	0.0	0.0	-13.70	-3.76e-03	5.83	1.95e-03	-153.85	-0.56
		-0.79	-153.85	2.70e-04	0.0	30.0	-11.31	-3.76e-03	5.83	1.95e-03	21.06	-0.68
						60.0	-8.92	-3.76e-03	5.83	1.95e-03	195.97	-0.79
116	17	-0.83	200.63	-1.51e-03	0.0	0.0	-13.75	0.01	5.96	3.28e-03	-156.79	-1.45
		-1.45	-156.79	2.40e-04	0.0	30.0	-11.35	0.01	5.96	3.28e-03	21.92	-1.14
						60.0	-8.96	0.01	5.96	3.28e-03	200.63	-0.83
116	19	-18.17	172.00	-2.01	0.0	0.0	-13.44	2360.04	5.23	0.09	-141.99	-1.416e+05

		-1.416e+05	-141.99	4.62e-04	0.0	30.0	-11.05	2360.04	5.23	0.09	15.00	-7.082e+04
						60.0	-8.65	2360.04	5.23	0.09	172.00	-18.17
116	21	-18.20	175.26	-2.01	0.0	0.0	-13.47	2360.05	5.32	0.09	-144.05	-1.416e+05
		-1.416e+05	-144.05	4.40e-04	0.0	30.0	-11.08	2360.05	5.32	0.09	15.60	-7.082e+04
						60.0	-8.69	2360.05	5.32	0.09	175.26	-18.20
116	22	-0.56	195.97	-8.26e-04	0.0	0.0	-13.70	-3.76e-03	5.83	1.95e-03	-153.85	-0.56
		-0.79	-153.85	2.70e-04	0.0	30.0	-11.31	-3.76e-03	5.83	1.95e-03	21.06	-0.68
						60.0	-8.92	-3.76e-03	5.83	1.95e-03	195.97	-0.79
116	24	-0.81	198.30	-1.17e-03	0.0	0.0	-13.72	3.29e-03	5.89	2.62e-03	-155.32	-1.01
		-1.01	-155.32	2.55e-04	0.0	30.0	-11.33	3.29e-03	5.89	2.62e-03	21.49	-0.91
						60.0	-8.94	3.29e-03	5.89	2.62e-03	198.30	-0.81
116	26	-12.96	179.19	-1.41	0.0	0.0	-13.52	1652.03	5.41	0.06	-145.55	-9.913e+04
		-9.913e+04	-145.55	4.04e-04	0.0	30.0	-11.12	1652.03	5.41	0.06	16.82	-4.957e+04
						60.0	-8.73	1652.03	5.41	0.06	179.19	-12.96
116	28	-12.97	180.59	-1.41	0.0	0.0	-13.53	1652.03	5.45	0.06	-146.43	-9.913e+04
		-9.913e+04	-146.43	3.95e-04	0.0	30.0	-11.14	1652.03	5.45	0.06	17.08	-4.957e+04
						60.0	-8.75	1652.03	5.45	0.06	180.59	-12.97
116	29	-0.56	195.97	-8.26e-04	0.0	0.0	-13.70	-3.76e-03	5.83	1.95e-03	-153.85	-0.56
		-0.79	-153.85	2.70e-04	0.0	30.0	-11.31	-3.76e-03	5.83	1.95e-03	21.06	-0.68
						60.0	-8.92	-3.76e-03	5.83	1.95e-03	195.97	-0.79
116	30	-11.22	181.59	-1.21	0.0	0.0	-13.54	1416.02	5.47	0.05	-146.74	-8.497e+04
		-8.497e+04	-146.74	3.85e-04	0.0	30.0	-11.15	1416.02	5.47	0.05	17.43	-4.249e+04
						60.0	-8.76	1416.02	5.47	0.05	181.59	-11.22
116	31	-0.80	197.37	-1.03e-03	0.0	0.0	-13.71	4.70e-04	5.87	2.35e-03	-154.73	-0.83
		-0.83	-154.73	2.61e-04	0.0	30.0	-11.32	4.70e-04	5.87	2.35e-03	21.32	-0.82
						60.0	-8.93	4.70e-04	5.87	2.35e-03	197.37	-0.80
116	32	-11.23	182.99	-1.21	0.0	0.0	-13.56	1416.03	5.51	0.05	-147.62	-8.497e+04
		-8.497e+04	-147.62	3.76e-04	0.0	30.0	-11.16	1416.03	5.51	0.05	17.68	-4.249e+04
						60.0	-8.77	1416.03	5.51	0.05	182.99	-11.23
119	7	-1.48	35.43	-1.91e-03	0.0	0.0	-98.58	0.03	0.82	-0.46	-87.08	-5.73
		-5.73	-87.08	-4.06e-03	0.0	75.0	-94.04	0.03	0.82	-0.46	-25.82	-3.60
						150.0	-89.50	0.03	0.82	-0.46	35.43	-1.48
119	9	1.363e+04	291.04	0.57	0.0	0.0	-235.30	-92.02	10.91	413.05	-1345.14	1.363e+04
		-171.66	-1345.14	6.95e-03	0.0	75.0	-229.41	-92.02	10.91	413.05	-527.05	6729.57
						150.0	-223.51	-92.02	10.91	413.05	291.04	-171.66
119	11	1.364e+04	302.88	0.57	0.0	0.0	-223.42	-92.08	11.22	412.67	-1380.51	1.364e+04
		-173.72	-1380.51	7.00e-03	0.0	75.0	-217.52	-92.08	11.22	412.67	-538.82	6732.59
						150.0	-211.62	-92.08	11.22	412.67	302.88	-173.72
119	14	1.365e+04	297.30	0.57	0.0	0.0	-188.66	-92.13	11.11	412.62	-1369.52	1.365e+04
		-174.06	-1369.52	7.35e-03	0.0	75.0	-184.13	-92.13	11.11	412.62	-536.11	6735.48
						150.0	-179.59	-92.13	11.11	412.62	297.30	-174.06
119	17	-0.54	29.81	-1.51e-03	0.0	0.0	-104.27	0.06	0.67	-0.27	-70.25	-9.99
		-9.99	-70.25	-3.88e-03	0.0	75.0	-99.74	0.06	0.67	-0.27	-20.22	-5.27
						150.0	-95.20	0.06	0.67	-0.27	29.81	-0.54
119	19	9085.11	196.49	0.38	0.0	0.0	-172.26	-61.33	7.32	275.37	-901.63	9085.11
		-114.22	-901.63	4.48e-03	0.0	75.0	-167.72	-61.33	7.32	275.37	-352.57	4485.44
						150.0	-163.18	-61.33	7.32	275.37	196.49	-114.22
119	21	9090.51	204.38	0.38	0.0	0.0	-164.33	-61.37	7.53	275.12	-925.21	9090.51
		-115.59	-925.21	4.51e-03	0.0	75.0	-159.80	-61.37	7.53	275.12	-360.41	4487.46
						150.0	-155.26	-61.37	7.53	275.12	204.38	-115.59
119	24	0.44	24.17	-1.11e-03	0.0	0.0	-109.93	0.10	0.52	-0.09	-53.41	-13.85
		-13.85	-53.41	-3.70e-03	0.0	75.0	-105.40	0.10	0.52	-0.09	-14.62	-6.71
						150.0	-100.86	0.10	0.52	-0.09	24.17	0.44
119	26	6354.26	143.10	0.27	0.0	0.0	-155.26	-42.89	5.23	192.78	-642.11	6354.26
		-79.53	-642.11	-3.00e-03	0.0	75.0	-150.72	-42.89	5.23	192.78	-249.50	3137.37
						150.0	-146.19	-42.89	5.23	192.78	143.10	-79.53
119	28	6356.58	146.49	0.27	0.0	0.0	-151.86	-42.91	5.32	192.68	-652.22	6356.58
		-80.12	-652.22	-3.11e-03	0.0	75.0	-147.33	-42.91	5.32	192.68	-252.86	3138.23
						150.0	-142.79	-42.91	5.32	192.68	146.49	-80.12
119	30	5443.98	125.31	0.23	0.0	0.0	-149.59	-36.75	4.54	165.26	-555.60	5443.98
		-67.96	-555.60	-3.07e-03	0.0	75.0	-145.05	-36.75	4.54	165.26	-215.15	2688.01
						150.0	-140.52	-36.75	4.54	165.26	125.31	-67.96
119	31	0.83	21.92	-9.55e-04	0.0	0.0	-112.20	0.11	0.46	-0.02	-46.67	-15.40
		-15.40	-46.67	-3.63e-03	0.0	75.0	-107.66	0.11	0.46	-0.02	-12.38	-7.28
						150.0	-103.13	0.11	0.46	-0.02	21.92	0.83
119	32	5446.30	128.69	0.23	0.0	0.0	-146.19	-36.77	4.63	165.15	-565.71	5446.30
		-68.55	-565.71	-3.18e-03	0.0	75.0	-141.66	-36.77	4.63	165.15	-218.51	2688.87
						150.0	-137.12	-36.77	4.63	165.15	128.69	-68.55
125	5	-0.27	57.01	-8.19e-04	0.0	0.0	-26.52	1.66e-03	1.74	-1.24e-03	-47.62	-0.37
		-0.37	-47.62	-2.07e-04	0.0	30.0	-24.13	1.66e-03	1.74	-1.24e-03	4.70	-0.32
						60.0	-21.73	1.66e-03	1.74	-1.24e-03	57.01	-0.27

125	11	100.17	194.54	-3.01	0.0	0.0	-35.56	3537.96	5.98	-0.43	-164.27	-2.122e+05
		-2.122e+05	-164.27	-1.40e-04	0.0	30.0	-32.45	3537.96	5.98	-0.43	15.14	-1.060e+05
						60.0	-29.34	3537.96	5.98	-0.43	194.54	100.17
125	12	100.26	175.33	-3.01	0.0	0.0	-27.60	3537.96	5.39	-0.43	-148.20	-2.122e+05
		-2.122e+05	-148.20	8.06e-05	0.0	30.0	-25.21	3537.96	5.39	-0.43	13.57	-1.060e+05
						60.0	-22.81	3537.96	5.39	-0.43	175.33	100.26
125	15	-0.27	57.01	-8.19e-04	0.0	0.0	-26.52	1.66e-03	1.74	-1.24e-03	-47.62	-0.37
		-0.37	-47.62	-2.07e-04	0.0	30.0	-24.13	1.66e-03	1.74	-1.24e-03	4.70	-0.32
						60.0	-21.73	1.66e-03	1.74	-1.24e-03	57.01	-0.27
125	19	66.75	135.89	-2.01	0.0	0.0	-27.24	2358.64	4.18	-0.29	-114.67	-1.415e+05
		-1.415e+05	-114.67	-1.08e-04	0.0	30.0	-24.85	2358.64	4.18	-0.29	10.61	-7.069e+04
						60.0	-22.45	2358.64	4.18	-0.29	135.89	66.75
125	21	66.74	137.30	-2.01	0.0	0.0	-27.24	2358.64	4.22	-0.29	-115.86	-1.415e+05
		-1.415e+05	-115.86	-1.19e-04	0.0	30.0	-24.85	2358.64	4.22	-0.29	10.72	-7.069e+04
						60.0	-22.46	2358.64	4.22	-0.29	137.30	66.74
125	22	-0.27	57.01	-8.19e-04	0.0	0.0	-26.52	1.66e-03	1.74	-1.24e-03	-47.62	-0.37
		-0.37	-47.62	-2.07e-04	0.0	30.0	-24.13	1.66e-03	1.74	-1.24e-03	4.70	-0.32
						60.0	-21.73	1.66e-03	1.74	-1.24e-03	57.01	-0.27
125	26	46.64	112.23	-1.40	0.0	0.0	-27.02	1651.05	3.45	-0.20	-94.56	-9.902e+04
		-9.902e+04	-94.56	-1.33e-04	0.0	30.0	-24.63	1651.05	3.45	-0.20	8.84	-4.948e+04
						60.0	-22.24	1651.05	3.45	-0.20	112.23	46.64
125	28	46.64	112.83	-1.40	0.0	0.0	-27.02	1651.05	3.46	-0.20	-95.07	-9.902e+04
		-9.902e+04	-95.07	-1.38e-04	0.0	30.0	-24.63	1651.05	3.46	-0.20	8.88	-4.948e+04
						60.0	-22.24	1651.05	3.46	-0.20	112.83	46.64
125	29	-0.27	57.01	-8.19e-04	0.0	0.0	-26.52	1.66e-03	1.74	-1.24e-03	-47.62	-0.37
		-0.37	-47.62	-2.07e-04	0.0	30.0	-24.13	1.66e-03	1.74	-1.24e-03	4.70	-0.32
						60.0	-21.73	1.66e-03	1.74	-1.24e-03	57.01	-0.27
125	30	39.94	104.34	-1.20	0.0	0.0	-26.95	1415.19	3.20	-0.17	-87.85	-8.487e+04
		-8.487e+04	-87.85	-1.41e-04	0.0	30.0	-24.56	1415.19	3.20	-0.17	8.24	-4.242e+04
						60.0	-22.17	1415.19	3.20	-0.17	104.34	39.94
125	32	39.94	104.94	-1.20	0.0	0.0	-26.95	1415.19	3.22	-0.17	-88.36	-8.487e+04
		-8.487e+04	-88.36	-1.46e-04	0.0	30.0	-24.56	1415.19	3.22	-0.17	8.29	-4.242e+04
						60.0	-22.17	1415.19	3.22	-0.17	104.94	39.94
126	1	0.35	1.79	-1.20e-03	0.0	0.0	-33.03	0.01	0.11	-3.20e-03	-4.67	-0.27
		-0.27	-4.67	-1.32e-04	0.0	30.0	-29.92	0.01	0.11	-3.20e-03	-1.44	0.04
						60.0	-26.81	0.01	0.11	-3.20e-03	1.79	0.35
126	7	-0.02	4.65	-9.31e-04	0.0	0.0	-25.41	4.03e-03	0.18	-2.79e-03	-6.35	-0.27
		-0.27	-6.35	-1.32e-04	0.0	30.0	-23.01	4.03e-03	0.18	-2.79e-03	-0.85	-0.15
						60.0	-20.62	4.03e-03	0.18	-2.79e-03	4.65	-0.02
126	9	-29.80	92.97	-3.01	0.0	0.0	-33.23	3535.26	-3.54	0.28	92.97	-2.121e+05
		-2.121e+05	-119.48	1.70e-04	0.0	30.0	-30.12	3535.26	-3.54	0.28	-13.26	-1.061e+05
						60.0	-27.01	3535.26	-3.54	0.28	-119.48	-29.80
126	11	-30.01	91.04	-3.01	0.0	0.0	-33.23	3535.25	-3.47	0.28	91.04	-2.121e+05
		-2.121e+05	-117.19	1.53e-04	0.0	30.0	-30.12	3535.25	-3.47	0.28	-13.08	-1.061e+05
						60.0	-27.01	3535.25	-3.47	0.28	-117.19	-30.01
126	12	-29.88	94.05	-3.01	0.0	0.0	-25.61	3535.25	-3.57	0.28	94.05	-2.121e+05
		-2.121e+05	-119.90	1.92e-04	0.0	30.0	-23.22	3535.25	-3.57	0.28	-12.92	-1.061e+05
						60.0	-20.82	3535.25	-3.57	0.28	-119.90	-29.88
126	15	0.27	1.37	-9.22e-04	0.0	0.0	-25.41	7.89e-03	0.08	-2.46e-03	-3.60	-0.21
		-0.21	-3.60	-1.02e-04	0.0	30.0	-23.02	7.89e-03	0.08	-2.46e-03	-1.11	0.03
						60.0	-20.62	7.89e-03	0.08	-2.46e-03	1.37	0.27
126	17	0.07	3.56	-9.28e-04	0.0	0.0	-25.41	5.32e-03	0.15	-2.68e-03	-5.44	-0.25
		-0.25	-5.44	-1.22e-04	0.0	30.0	-23.02	5.32e-03	0.15	-2.68e-03	-0.94	-0.09
						60.0	-20.62	5.32e-03	0.15	-2.68e-03	3.56	0.07
126	19	-19.83	61.50	-2.01	0.0	0.0	-25.54	2356.84	-2.35	0.18	61.50	-1.414e+05
		-1.414e+05	-79.47	1.04e-04	0.0	30.0	-23.15	2356.84	-2.35	0.18	-8.99	-7.072e+04
						60.0	-20.76	2356.84	-2.35	0.18	-79.47	-19.83
126	21	-19.97	60.21	-2.01	0.0	0.0	-25.54	2356.84	-2.30	0.18	60.21	-1.414e+05
		-1.414e+05	-77.95	9.20e-05	0.0	30.0	-23.15	2356.84	-2.30	0.18	-8.87	-7.073e+04
						60.0	-20.76	2356.84	-2.30	0.18	-77.95	-19.97
126	22	0.27	1.37	-9.22e-04	0.0	0.0	-25.41	7.89e-03	0.08	-2.46e-03	-3.60	-0.21
		-0.21	-3.60	-1.02e-04	0.0	30.0	-23.02	7.89e-03	0.08	-2.46e-03	-1.11	0.03
						60.0	-20.62	7.89e-03	0.08	-2.46e-03	1.37	0.27
126	24	0.17	2.47	-9.25e-04	0.0	0.0	-25.41	6.60e-03	0.12	-2.57e-03	-4.52	-0.23
		-0.23	-4.52	-1.12e-04	0.0	30.0	-23.02	6.60e-03	0.12	-2.57e-03	-1.03	-0.03
						60.0	-20.62	6.60e-03	0.12	-2.57e-03	2.47	0.17
126	26	-13.80	41.97	-1.40	0.0	0.0	-25.50	1649.79	-1.62	0.13	41.97	-9.900e+04
		-9.900e+04	-55.22	5.02e-05	0.0	30.0	-23.11	1649.79	-1.62	0.13	-6.62	-4.951e+04
						60.0	-20.72	1649.79	-1.62	0.13	-55.22	-13.80
126	28	-13.86	41.42	-1.40	0.0	0.0	-25.50	1649.79	-1.60	0.13	41.42	-9.900e+04
		-9.900e+04	-54.56	4.53e-05	0.0	30.0	-23.11	1649.79	-1.60	0.13	-6.57	-4.951e+04

						60.0	-20.72	1649.79	-1.60	0.13	-54.56	-13.86
126	29	0.27	1.37	-9.22e-04	0.0	0.0	-25.41	7.89e-03	0.08	-2.46e-03	-3.60	-0.21
		-0.21	-3.60	-1.02e-04	0.0	30.0	-23.02	7.89e-03	0.08	-2.46e-03	-1.11	0.03
						60.0	-20.62	7.89e-03	0.08	-2.46e-03	1.37	0.27
126	30	-11.79	35.46	-1.20	0.0	0.0	-25.49	1414.11	-1.38	0.11	35.46	-8.486e+04
		-8.486e+04	-47.13	3.24e-05	0.0	30.0	-23.10	1414.11	-1.38	0.11	-5.84	-4.243e+04
						60.0	-20.70	1414.11	-1.38	0.11	-47.13	-11.79
126	31	0.21	2.03	-9.24e-04	0.0	0.0	-25.41	7.12e-03	0.10	-2.53e-03	-4.15	-0.22
		-0.22	-4.15	-1.08e-04	0.0	30.0	-23.02	7.12e-03	0.10	-2.53e-03	-1.06	-5.71e-03
						60.0	-20.62	7.12e-03	0.10	-2.53e-03	2.03	0.21
126	32	-11.85	34.91	-1.20	0.0	0.0	-25.49	1414.11	-1.36	0.11	34.91	-8.486e+04
		-8.486e+04	-46.48	2.75e-05	0.0	30.0	-23.10	1414.11	-1.36	0.11	-5.78	-4.244e+04
						60.0	-20.70	1414.11	-1.36	0.11	-46.48	-11.85
127	1	2.23	10.67	-1.26e-03	0.0	0.0	-32.76	-0.02	0.36	-1.17e-03	-10.85	2.23
		0.89	-10.85	-8.34e-05	0.0	30.0	-29.65	-0.02	0.36	-1.17e-03	-0.09	1.56
						60.0	-26.54	-0.02	0.36	-1.17e-03	10.67	0.89
127	12	-163.00	17.06	-3.01	0.0	0.0	-23.91	3546.41	-0.65	-0.10	17.06	-2.129e+05
		-2.129e+05	-21.93	1.65e-04	0.0	30.0	-21.51	3546.41	-0.65	-0.10	-2.44	-1.066e+05
						60.0	-19.12	3546.41	-0.65	-0.10	-21.93	-163.00
127	14	-163.35	14.70	-3.01	0.0	0.0	-23.90	3546.41	-0.56	-0.10	14.70	-2.129e+05
		-2.129e+05	-19.14	1.43e-04	0.0	30.0	-21.51	3546.41	-0.56	-0.10	-2.22	-1.066e+05
						60.0	-19.12	3546.41	-0.56	-0.10	-19.14	-163.35
127	15	1.72	8.21	-9.69e-04	0.0	0.0	-25.20	-0.02	0.28	-9.03e-04	-8.34	1.72
		0.68	-8.34	-6.42e-05	0.0	30.0	-22.81	-0.02	0.28	-9.03e-04	-0.07	1.20
						60.0	-20.42	-0.02	0.28	-9.03e-04	8.21	0.68
127	17	1.07	10.87	-9.89e-04	0.0	0.0	-25.20	-0.01	0.36	-1.88e-03	-10.59	1.07
		0.35	-10.59	-8.52e-05	0.0	30.0	-22.81	-0.01	0.36	-1.88e-03	0.14	0.71
						60.0	-20.41	-0.01	0.36	-1.88e-03	10.87	0.35
127	19	-108.44	8.59	-2.00	0.0	0.0	-24.34	2364.27	-0.34	-0.07	8.59	-1.420e+05
		-1.420e+05	-11.89	8.86e-05	0.0	30.0	-21.95	2364.27	-0.34	-0.07	-1.65	-7.104e+04
						60.0	-19.55	2364.27	-0.34	-0.07	-11.89	-108.44
127	21	-108.67	7.02	-2.00	0.0	0.0	-24.34	2364.27	-0.28	-0.07	7.02	-1.420e+05
		-1.420e+05	-10.02	7.39e-05	0.0	30.0	-21.94	2364.27	-0.28	-0.07	-1.50	-7.104e+04
						60.0	-19.55	2364.27	-0.28	-0.07	-10.02	-108.67
127	22	1.72	8.21	-9.69e-04	0.0	0.0	-25.20	-0.02	0.28	-9.03e-04	-8.34	1.72
		0.68	-8.34	-6.42e-05	0.0	30.0	-22.81	-0.02	0.28	-9.03e-04	-0.07	1.20
						60.0	-20.42	-0.02	0.28	-9.03e-04	8.21	0.68
127	24	1.39	9.54	-9.79e-04	0.0	0.0	-25.20	-0.01	0.32	-1.39e-03	-9.47	1.39
		0.52	-9.47	-7.47e-05	0.0	30.0	-22.81	-0.01	0.32	-1.39e-03	0.04	0.96
						60.0	-20.42	-0.01	0.32	-1.39e-03	9.54	0.52
127	28	-75.80	2.84	-1.40	0.0	0.0	-24.60	1654.98	-0.13	-0.05	2.84	-9.937e+04
		-9.937e+04	-5.06	3.65e-05	0.0	30.0	-22.20	1654.98	-0.13	-0.05	-1.11	-4.973e+04
						60.0	-19.81	1654.98	-0.13	-0.05	-5.06	-75.80
127	29	1.72	8.21	-9.69e-04	0.0	0.0	-25.20	-0.02	0.28	-9.03e-04	-8.34	1.72
		0.68	-8.34	-6.42e-05	0.0	30.0	-22.81	-0.02	0.28	-9.03e-04	-0.07	1.20
						60.0	-20.42	-0.02	0.28	-9.03e-04	8.21	0.68
127	31	1.52	9.01	-9.75e-04	0.0	0.0	-25.20	-0.02	0.30	-1.20e-03	-9.02	1.52
		0.58	-9.02	-7.05e-05	0.0	30.0	-22.81	-0.02	0.30	-1.20e-03	-4.90e-03	1.05
						60.0	-20.42	-0.02	0.30	-1.20e-03	9.01	0.58
127	32	-64.89	1.14	-1.20	0.0	0.0	-24.68	1418.55	-0.07	-0.04	1.14	-8.518e+04
		-8.518e+04	-3.05	2.14e-05	0.0	30.0	-22.29	1418.55	-0.07	-0.04	-0.95	-4.262e+04
						60.0	-19.90	1418.55	-0.07	-0.04	-3.05	-64.89
128	1	0.35	20.99	-1.26e-03	0.0	0.0	-32.99	0.01	0.65	8.70e-04	-17.84	-0.30
		-0.30	-17.84	-4.76e-05	0.0	30.0	-29.88	0.01	0.65	8.70e-04	1.58	0.02
						60.0	-26.77	0.01	0.65	8.70e-04	20.99	0.35
128	7	-0.06	20.70	-1.05e-03	0.0	0.0	-25.38	4.51e-03	0.64	-1.99e-03	-17.55	-0.33
		-0.33	-17.55	-6.89e-05	0.0	30.0	-22.98	4.51e-03	0.64	-1.99e-03	1.58	-0.20
						60.0	-20.59	4.51e-03	0.64	-1.99e-03	20.70	-0.06
128	9	-27.68	87.74	-3.02	0.0	0.0	-33.15	3535.34	2.63	-0.49	-69.81	-2.121e+05
		-2.121e+05	-69.81	1.94e-04	0.0	30.0	-30.04	3535.34	2.63	-0.49	8.97	-1.061e+05
						60.0	-26.93	3535.34	2.63	-0.49	87.74	-27.68
128	11	-27.91	90.93	-3.02	0.0	0.0	-33.15	3535.34	2.72	-0.49	-72.49	-2.121e+05
		-2.121e+05	-72.49	1.70e-04	0.0	30.0	-30.04	3535.34	2.72	-0.49	9.22	-1.061e+05
						60.0	-26.93	3535.34	2.72	-0.49	90.93	-27.91
128	15	0.27	16.15	-9.68e-04	0.0	0.0	-25.38	8.31e-03	0.50	6.70e-04	-13.72	-0.23
		-0.23	-13.72	-3.66e-05	0.0	30.0	-22.99	8.31e-03	0.50	6.70e-04	1.21	0.02
						60.0	-20.59	8.31e-03	0.50	6.70e-04	16.15	0.27
128	17	0.05	19.19	-1.02e-03	0.0	0.0	-25.38	5.77e-03	0.59	-1.10e-03	-16.28	-0.30
		-0.30	-16.28	-5.82e-05	0.0	30.0	-22.99	5.77e-03	0.59	-1.10e-03	1.45	-0.12
						60.0	-20.59	5.77e-03	0.59	-1.10e-03	19.19	0.05
128	19	-18.42	60.64	-2.01	0.0	0.0	-25.49	2356.89	1.82	-0.32	-48.37	-1.414e+05

		-1.414e+05	-48.37	1.25e-04	0.0	30.0	-23.09	2356.89	1.82	-0.32	6.14	-7.073e+04
						60.0	-20.70	2356.89	1.82	-0.32	60.64	-18.42
128	21	-18.57	62.77	-2.01	0.0	0.0	-25.48	2356.89	1.88	-0.32	-50.15	-1.414e+05
		-1.414e+05	-50.15	1.09e-04	0.0	30.0	-23.09	2356.89	1.88	-0.32	6.31	-7.073e+04
						60.0	-20.70	2356.89	1.88	-0.32	62.77	-18.57
128	22	0.27	16.15	-9.68e-04	0.0	0.0	-25.38	8.31e-03	0.50	6.70e-04	-13.72	-0.23
		-0.23	-13.72	-3.66e-05	0.0	30.0	-22.99	8.31e-03	0.50	6.70e-04	1.21	0.02
						60.0	-20.59	8.31e-03	0.50	6.70e-04	16.15	0.27
128	24	0.16	17.67	-9.96e-04	0.0	0.0	-25.38	7.04e-03	0.54	-2.16e-04	-15.00	-0.26
		-0.26	-15.00	-4.74e-05	0.0	30.0	-22.99	7.04e-03	0.54	-2.16e-04	1.33	-0.05
						60.0	-20.59	7.04e-03	0.54	-2.16e-04	17.67	0.16
128	26	-12.81	47.30	-1.41	0.0	0.0	-25.45	1649.83	1.42	-0.23	-37.97	-9.900e+04
		-9.900e+04	-37.97	7.80e-05	0.0	30.0	-23.06	1649.83	1.42	-0.23	4.66	-4.951e+04
						60.0	-20.67	1649.83	1.42	-0.23	47.30	-12.81
128	28	-12.88	48.21	-1.41	0.0	0.0	-25.45	1649.83	1.45	-0.23	-38.74	-9.900e+04
		-9.900e+04	-38.74	7.12e-05	0.0	30.0	-23.06	1649.83	1.45	-0.23	4.73	-4.951e+04
						60.0	-20.67	1649.83	1.45	-0.23	48.21	-12.88
128	29	0.27	16.15	-9.68e-04	0.0	0.0	-25.38	8.31e-03	0.50	6.70e-04	-13.72	-0.23
		-0.23	-13.72	-3.66e-05	0.0	30.0	-22.99	8.31e-03	0.50	6.70e-04	1.21	0.02
						60.0	-20.59	8.31e-03	0.50	6.70e-04	16.15	0.27
128	30	-10.94	42.85	-1.21	0.0	0.0	-25.44	1414.14	1.29	-0.19	-34.51	-8.486e+04
		-8.486e+04	-34.51	6.24e-05	0.0	30.0	-23.05	1414.14	1.29	-0.19	4.17	-4.244e+04
						60.0	-20.66	1414.14	1.29	-0.19	42.85	-10.94
128	31	0.20	17.06	-9.84e-04	0.0	0.0	-25.38	7.55e-03	0.53	1.38e-04	-14.49	-0.25
		-0.25	-14.49	-4.31e-05	0.0	30.0	-22.99	7.55e-03	0.53	1.38e-04	1.29	-0.02
						60.0	-20.59	7.55e-03	0.53	1.38e-04	17.06	0.20
128	32	-11.01	43.76	-1.21	0.0	0.0	-25.44	1414.14	1.32	-0.19	-35.28	-8.486e+04
		-8.486e+04	-35.28	5.56e-05	0.0	30.0	-23.05	1414.14	1.32	-0.19	4.24	-4.244e+04
						60.0	-20.66	1414.14	1.32	-0.19	43.76	-11.01
129	5	-0.29	5.00	-9.52e-04	0.0	0.0	-25.43	1.34e-03	0.15	3.19e-04	-4.21	-0.37
		-0.37	-4.21	-6.44e-06	0.0	30.0	-23.04	1.34e-03	0.15	3.19e-04	0.40	-0.33
						60.0	-20.65	1.34e-03	0.15	3.19e-04	5.00	-0.29
129	11	178.48	19.59	-3.03	0.0	0.0	-33.61	3537.56	0.60	-0.19	-16.23	-2.121e+05
		-2.121e+05	-16.23	2.00e-04	0.0	30.0	-30.50	3537.56	0.60	-0.19	1.68	-1.059e+05
						60.0	-27.39	3537.56	0.60	-0.19	19.59	178.48
129	12	178.68	15.72	-3.02	0.0	0.0	-25.97	3537.56	0.48	-0.19	-13.00	-2.121e+05
		-2.121e+05	-13.00	2.27e-04	0.0	30.0	-23.58	3537.56	0.48	-0.19	1.36	-1.059e+05
						60.0	-21.19	3537.56	0.48	-0.19	15.72	178.68
129	15	-0.29	5.00	-9.52e-04	0.0	0.0	-25.43	1.34e-03	0.15	3.19e-04	-4.21	-0.37
		-0.37	-4.21	-6.47e-06	0.0	30.0	-23.04	1.34e-03	0.15	3.19e-04	0.40	-0.33
						60.0	-20.65	1.34e-03	0.15	3.19e-04	5.00	-0.29
129	19	119.02	12.15	-2.02	0.0	0.0	-25.79	2358.38	0.37	-0.13	-10.07	-1.414e+05
		-1.414e+05	-10.07	1.50e-04	0.0	30.0	-23.40	2358.38	0.37	-0.13	1.04	-7.063e+04
						60.0	-21.01	2358.38	0.37	-0.13	12.15	119.02
129	21	118.95	13.72	-2.02	0.0	0.0	-25.80	2358.38	0.42	-0.13	-11.38	-1.414e+05
		-1.414e+05	-11.38	1.33e-04	0.0	30.0	-23.40	2358.38	0.42	-0.13	1.17	-7.063e+04
						60.0	-21.01	2358.38	0.42	-0.13	13.72	118.95
129	22	-0.29	5.00	-9.52e-04	0.0	0.0	-25.43	1.34e-03	0.15	3.19e-04	-4.21	-0.37
		-0.37	-4.21	-6.47e-06	0.0	30.0	-23.04	1.34e-03	0.15	3.19e-04	0.40	-0.33
						60.0	-20.65	1.34e-03	0.15	3.19e-04	5.00	-0.29
129	26	83.23	10.00	-1.41	0.0	0.0	-25.68	1650.86	0.31	-0.09	-8.31	-9.897e+04
		-9.897e+04	-8.31	1.04e-04	0.0	30.0	-23.29	1650.86	0.31	-0.09	0.85	-4.944e+04
						60.0	-20.90	1650.86	0.31	-0.09	10.00	83.23
129	28	83.20	10.68	-1.41	0.0	0.0	-25.69	1650.86	0.33	-0.09	-8.87	-9.897e+04
		-9.897e+04	-8.87	9.66e-05	0.0	30.0	-23.29	1650.86	0.33	-0.09	0.90	-4.944e+04
						60.0	-20.90	1650.86	0.33	-0.09	10.68	83.20
129	29	-0.29	5.00	-9.52e-04	0.0	0.0	-25.43	1.34e-03	0.15	3.19e-04	-4.21	-0.37
		-0.37	-4.21	-6.47e-06	0.0	30.0	-23.04	1.34e-03	0.15	3.19e-04	0.40	-0.33
						60.0	-20.65	1.34e-03	0.15	3.19e-04	5.00	-0.29
129	30	71.30	9.29	-1.21	0.0	0.0	-25.65	1415.03	0.28	-0.08	-7.73	-8.483e+04
		-8.483e+04	-7.73	8.87e-05	0.0	30.0	-23.26	1415.03	0.28	-0.08	0.78	-4.238e+04
						60.0	-20.86	1415.03	0.28	-0.08	9.29	71.30
129	32	71.26	9.97	-1.21	0.0	0.0	-25.65	1415.03	0.30	-0.08	-8.29	-8.483e+04
		-8.483e+04	-8.29	8.12e-05	0.0	30.0	-23.26	1415.03	0.30	-0.08	0.84	-4.238e+04
						60.0	-20.87	1415.03	0.30	-0.08	9.97	71.26
130	5	-0.16	10.17	-9.56e-04	0.0	0.0	-25.43	1.07e-03	-0.36	-5.25e-04	10.17	-0.22
		-0.22	-11.54	2.70e-05	0.0	30.0	-23.04	1.07e-03	-0.36	-5.25e-04	-0.68	-0.19
						60.0	-20.64	1.07e-03	-0.36	-5.25e-04	-11.54	-0.16
130	11	107.09	86.00	-3.02	0.0	0.0	-33.62	3536.69	-3.15	0.29	86.00	-2.121e+05
		-2.121e+05	-102.93	2.55e-04	0.0	30.0	-30.51	3536.69	-3.15	0.29	-8.46	-1.060e+05
						60.0	-27.40	3536.69	-3.15	0.29	-102.93	107.09

130	12	107.69	81.83	-3.02	0.0	0.0	-25.97	3536.70	-3.00	0.29	81.83	-2.121e+05
		-2.121e+05	-98.19	2.72e-04	0.0	30.0	-23.58	3536.70	-3.00	0.29	-8.18	-1.060e+05
						60.0	-21.18	3536.70	-3.00	0.29	-98.19	107.69
130	15	-0.16	10.17	-9.56e-04	0.0	0.0	-25.43	1.06e-03	-0.36	-5.26e-04	10.17	-0.22
		-0.22	-11.54	2.70e-05	0.0	30.0	-23.04	1.06e-03	-0.36	-5.26e-04	-0.68	-0.19
						60.0	-20.64	1.06e-03	-0.36	-5.26e-04	-11.54	-0.16
130	19	71.74	57.94	-2.02	0.0	0.0	-25.79	2357.80	-2.12	0.19	57.94	-1.414e+05
		-1.414e+05	-69.31	1.90e-04	0.0	30.0	-23.40	2357.80	-2.12	0.19	-5.68	-7.066e+04
						60.0	-21.00	2357.80	-2.12	0.19	-69.31	71.74
130	21	71.37	58.69	-2.02	0.0	0.0	-25.81	2357.79	-2.15	0.19	58.69	-1.414e+05
		-1.414e+05	-70.16	1.74e-04	0.0	30.0	-23.41	2357.79	-2.15	0.19	-5.73	-7.066e+04
						60.0	-21.02	2357.79	-2.15	0.19	-70.16	71.37
130	22	-0.16	10.17	-9.56e-04	0.0	0.0	-25.43	1.06e-03	-0.36	-5.26e-04	10.17	-0.22
		-0.22	-11.54	2.70e-05	0.0	30.0	-23.04	1.06e-03	-0.36	-5.26e-04	-0.68	-0.19
						60.0	-20.64	1.06e-03	-0.36	-5.26e-04	-11.54	-0.16
130	26	50.17	43.61	-1.41	0.0	0.0	-25.68	1650.46	-1.59	0.14	43.61	-9.898e+04
		-9.898e+04	-51.98	1.41e-04	0.0	30.0	-23.29	1650.46	-1.59	0.14	-4.18	-4.946e+04
						60.0	-20.90	1650.46	-1.59	0.14	-51.98	50.17
130	28	50.01	43.93	-1.41	0.0	0.0	-25.69	1650.46	-1.60	0.14	43.93	-9.898e+04
		-9.898e+04	-52.34	1.34e-04	0.0	30.0	-23.30	1650.46	-1.60	0.14	-4.20	-4.946e+04
						60.0	-20.90	1650.46	-1.60	0.14	-52.34	50.01
130	29	-0.16	10.17	-9.56e-04	0.0	0.0	-25.43	1.06e-03	-0.36	-5.26e-04	10.17	-0.22
		-0.22	-11.54	2.70e-05	0.0	30.0	-23.04	1.06e-03	-0.36	-5.26e-04	-0.68	-0.19
						60.0	-20.64	1.06e-03	-0.36	-5.26e-04	-11.54	-0.16
130	30	42.98	38.83	-1.21	0.0	0.0	-25.64	1414.68	-1.42	0.12	38.83	-8.484e+04
		-8.484e+04	-46.20	1.25e-04	0.0	30.0	-23.25	1414.68	-1.42	0.12	-3.68	-4.240e+04
						60.0	-20.86	1414.68	-1.42	0.12	-46.20	42.98
130	32	42.82	39.16	-1.21	0.0	0.0	-25.65	1414.68	-1.43	0.12	39.16	-8.484e+04
		-8.484e+04	-46.56	1.18e-04	0.0	30.0	-23.26	1414.68	-1.43	0.12	-3.70	-4.240e+04
						60.0	-20.87	1414.68	-1.43	0.12	-46.56	42.82
131	1	0.58	20.33	-1.26e-03	0.0	0.0	-32.93	-4.04e-03	-0.73	-6.54e-04	20.33	0.58
		0.33	-23.21	7.46e-05	0.0	30.0	-29.82	-4.04e-03	-0.73	-6.54e-04	-1.44	0.45
						60.0	-26.71	-4.04e-03	-0.73	-6.54e-04	-23.21	0.33
131	3	-1.42	29.36	-1.62e-03	0.0	0.0	-32.99	8.33e-03	-1.06	-7.69e-03	29.36	-1.92
		-1.92	-34.13	4.32e-05	0.0	30.0	-29.88	8.33e-03	-1.06	-7.69e-03	-2.39	-1.67
						60.0	-26.77	8.33e-03	-1.06	-7.69e-03	-34.13	-1.42
131	11	-85.34	99.19	-3.01	0.0	0.0	-32.56	3538.69	-3.72	0.31	99.19	-2.124e+05
		-2.124e+05	-123.75	3.10e-04	0.0	30.0	-29.45	3538.69	-3.72	0.31	-12.28	-1.062e+05
						60.0	-26.34	3538.69	-3.72	0.31	-123.75	-85.34
131	12	-84.19	88.18	-3.01	0.0	0.0	-24.91	3538.68	-3.32	0.32	88.18	-2.124e+05
		-2.124e+05	-110.75	3.17e-04	0.0	30.0	-22.52	3538.68	-3.32	0.32	-11.29	-1.062e+05
						60.0	-20.13	3538.68	-3.32	0.32	-110.75	-84.19
131	14	-85.42	94.49	-3.01	0.0	0.0	-24.96	3538.69	-3.55	0.31	94.49	-2.124e+05
		-2.124e+05	-118.39	2.93e-04	0.0	30.0	-22.56	3538.69	-3.55	0.31	-11.95	-1.062e+05
						60.0	-20.17	3538.69	-3.55	0.31	-118.39	-85.42
131	15	0.44	15.64	-9.71e-04	0.0	0.0	-25.33	-3.13e-03	-0.56	-5.00e-04	15.64	0.44
		0.26	-17.85	5.74e-05	0.0	30.0	-22.94	-3.13e-03	-0.56	-5.00e-04	-1.10	0.35
						60.0	-20.54	-3.13e-03	-0.56	-5.00e-04	-17.85	0.26
131	17	-0.91	21.65	-1.21e-03	0.0	0.0	-25.37	5.12e-03	-0.78	-5.19e-03	21.65	-1.22
		-1.22	-25.13	3.59e-05	0.0	30.0	-22.98	5.12e-03	-0.78	-5.19e-03	-1.74	-1.06
						60.0	-20.58	5.12e-03	-0.78	-5.19e-03	-25.13	-0.91
131	19	-56.04	64.00	-2.01	0.0	0.0	-25.05	2359.12	-2.40	0.21	64.00	-1.416e+05
		-1.416e+05	-79.78	2.30e-04	0.0	30.0	-22.66	2359.12	-2.40	0.21	-7.89	-7.083e+04
						60.0	-20.27	2359.12	-2.40	0.21	-79.78	-56.04
131	21	-56.86	68.21	-2.01	0.0	0.0	-25.08	2359.12	-2.55	0.21	68.21	-1.416e+05
		-1.416e+05	-84.88	2.15e-04	0.0	30.0	-22.69	2359.12	-2.55	0.21	-8.33	-7.083e+04
						60.0	-20.30	2359.12	-2.55	0.21	-84.88	-56.86
131	22	0.44	15.64	-9.71e-04	0.0	0.0	-25.33	-3.13e-03	-0.56	-5.00e-04	15.64	0.44
		0.26	-17.85	5.74e-05	0.0	30.0	-22.94	-3.13e-03	-0.56	-5.00e-04	-1.10	0.35
						60.0	-20.54	-3.13e-03	-0.56	-5.00e-04	-17.85	0.26
131	24	-0.33	18.65	-1.09e-03	0.0	0.0	-25.35	9.95e-04	-0.67	-2.85e-03	18.65	-0.39
		-0.39	-21.49	4.63e-05	0.0	30.0	-22.96	9.95e-04	-0.67	-2.85e-03	-1.42	-0.36
						60.0	-20.56	9.95e-04	-0.67	-2.85e-03	-21.49	-0.33
131	26	-39.15	49.49	-1.41	0.0	0.0	-25.14	1651.38	-1.84	0.15	49.49	-9.912e+04
		-9.912e+04	-61.20	1.78e-04	0.0	30.0	-22.74	1651.38	-1.84	0.15	-5.86	-4.958e+04
						60.0	-20.35	1651.38	-1.84	0.15	-61.20	-39.15
131	28	-39.50	51.30	-1.41	0.0	0.0	-25.15	1651.38	-1.91	0.15	51.30	-9.912e+04
		-9.912e+04	-63.39	1.72e-04	0.0	30.0	-22.76	1651.38	-1.91	0.15	-6.05	-4.958e+04
						60.0	-20.36	1651.38	-1.91	0.15	-63.39	-39.50
131	29	0.44	15.64	-9.71e-04	0.0	0.0	-25.33	-3.13e-03	-0.56	-5.00e-04	15.64	0.44
		0.26	-17.85	5.74e-05	0.0	30.0	-22.94	-3.13e-03	-0.56	-5.00e-04	-1.10	0.35

						60.0	-20.54	-3.13e-03	-0.56	-5.00e-04	-17.85	0.26
131	30	-33.52	44.66	-1.21	0.0	0.0	-25.16	1415.47	-1.66	0.13	44.66	-8.496e+04
		-8.496e+04	-55.01	1.61e-04	0.0	30.0	-22.77	1415.47	-1.66	0.13	-5.18	-4.250e+04
						60.0	-20.38	1415.47	-1.66	0.13	-55.01	-33.52
131	31	-0.05	17.44	-1.04e-03	0.0	0.0	-25.34	-6.54e-04	-0.62	-1.91e-03	17.44	-0.05
		-0.09	-20.03	5.07e-05	0.0	30.0	-22.95	-6.54e-04	-0.62	-1.91e-03	-1.29	-0.07
						60.0	-20.56	-6.54e-04	-0.62	-1.91e-03	-20.03	-0.09
131	32	-33.87	46.46	-1.21	0.0	0.0	-25.17	1415.47	-1.73	0.13	46.46	-8.496e+04
		-8.496e+04	-57.19	1.54e-04	0.0	30.0	-22.78	1415.47	-1.73	0.13	-5.37	-4.250e+04
						60.0	-20.39	1415.47	-1.73	0.13	-57.19	-33.87
132	1	1.24	12.45	-1.26e-03	0.0	0.0	-32.79	-8.13e-03	-0.39	1.07e-03	12.45	1.24
		0.76	-10.95	1.19e-04	0.0	30.0	-29.68	-8.13e-03	-0.39	1.07e-03	0.75	1.00
						60.0	-26.57	-8.13e-03	-0.39	1.07e-03	-10.95	0.76
132	3	0.08	24.20	-1.86e-03	0.0	0.0	-32.77	0.02	-0.83	-0.01	24.20	-1.12
		-1.12	-25.36	7.48e-05	0.0	30.0	-29.66	0.02	-0.83	-0.01	-0.58	-0.52
						60.0	-26.55	0.02	-0.83	-0.01	-25.36	0.08
132	14	-115.20	4.22	-3.01	0.0	0.0	-24.25	3543.29	0.02	-0.08	2.73	-2.127e+05
		-2.127e+05	2.73	3.10e-04	0.0	30.0	-21.86	3543.29	0.02	-0.08	3.47	-1.064e+05
						60.0	-19.47	3543.29	0.02	-0.08	4.22	-115.20
132	15	0.96	9.58	-9.70e-04	0.0	0.0	-25.23	-6.30e-03	-0.30	8.29e-04	9.58	0.96
		0.58	-8.42	9.13e-05	0.0	30.0	-22.83	-6.30e-03	-0.30	8.29e-04	0.58	0.77
						60.0	-20.44	-6.30e-03	-0.30	8.29e-04	-8.42	0.58
132	17	0.13	17.41	-1.37e-03	0.0	0.0	-25.21	0.01	-0.59	-6.93e-03	17.41	-0.62
		-0.62	-18.03	6.14e-05	0.0	30.0	-22.82	0.01	-0.59	-6.93e-03	-0.31	-0.24
						60.0	-20.43	0.01	-0.59	-6.93e-03	-18.03	0.13
132	21	-76.61	5.01	-2.01	0.0	0.0	-24.58	2362.19	-0.08	-0.05	5.01	-1.418e+05
		-1.418e+05	4.45e-03	2.37e-04	0.0	30.0	-22.19	2362.19	-0.08	-0.05	2.51	-7.094e+04
						60.0	-19.79	2362.19	-0.08	-0.05	4.45e-03	-76.61
132	22	0.96	9.58	-9.70e-04	0.0	0.0	-25.23	-6.30e-03	-0.30	8.29e-04	9.58	0.96
		0.58	-8.42	9.13e-05	0.0	30.0	-22.83	-6.30e-03	-0.30	8.29e-04	0.58	0.77
						60.0	-20.44	-6.30e-03	-0.30	8.29e-04	-8.42	0.58
132	24	0.35	13.49	-1.17e-03	0.0	0.0	-25.22	3.07e-03	-0.45	-3.05e-03	13.49	0.17
		0.17	-13.22	7.55e-05	0.0	30.0	-22.83	3.07e-03	-0.45	-3.05e-03	0.14	0.26
						60.0	-20.44	3.07e-03	-0.45	-3.05e-03	-13.22	0.35
132	28	-53.36	4.89	-1.41	0.0	0.0	-24.78	1653.53	-0.09	-0.04	4.89	-9.927e+04
		-9.927e+04	-0.70	1.99e-04	0.0	30.0	-22.38	1653.53	-0.09	-0.04	2.10	-4.966e+04
						60.0	-19.99	1653.53	-0.09	-0.04	-0.70	-53.36
132	29	0.96	9.58	-9.70e-04	0.0	0.0	-25.23	-6.30e-03	-0.30	8.29e-04	9.58	0.96
		0.58	-8.42	9.13e-05	0.0	30.0	-22.83	-6.30e-03	-0.30	8.29e-04	0.58	0.77
						60.0	-20.44	-6.30e-03	-0.30	8.29e-04	-8.42	0.58
132	31	0.49	11.93	-1.09e-03	0.0	0.0	-25.22	-6.78e-04	-0.39	-1.50e-03	11.93	0.49
		0.45	-11.30	8.18e-05	0.0	30.0	-22.83	-6.78e-04	-0.39	-1.50e-03	0.31	0.47
						60.0	-20.44	-6.78e-04	-0.39	-1.50e-03	-11.30	0.45
132	32	-45.68	5.90	-1.20	0.0	0.0	-24.84	1417.31	-0.14	-0.03	5.90	-8.508e+04
		-8.508e+04	-2.21	1.82e-04	0.0	30.0	-22.45	1417.31	-0.14	-0.03	1.84	-4.256e+04
						60.0	-20.05	1417.31	-0.14	-0.03	-2.21	-45.68
133	7	3.69	21.21	-1.83e-03	0.0	0.0	-25.50	-0.02	-0.68	-7.74e-03	21.21	3.69
		2.37	-19.55	8.85e-05	0.0	30.0	-23.11	-0.02	-0.68	-7.74e-03	0.83	3.03
						60.0	-20.71	-0.02	-0.68	-7.74e-03	-19.55	2.37
133	9	25.94	59.35	-3.02	0.0	0.0	-33.61	3536.23	1.69	-0.21	-42.00	-2.121e+05
		-2.121e+05	-42.00	4.50e-04	0.0	30.0	-30.50	3536.23	1.69	-0.21	8.68	-1.061e+05
						60.0	-27.39	3536.23	1.69	-0.21	59.35	25.94
133	11	27.42	54.20	-3.02	0.0	0.0	-33.58	3536.21	1.53	-0.22	-37.75	-2.121e+05
		-2.121e+05	-37.75	4.17e-04	0.0	30.0	-30.47	3536.21	1.53	-0.22	8.23	-1.061e+05
						60.0	-27.36	3536.21	1.53	-0.22	54.20	27.42
133	12	25.86	63.02	-3.02	0.0	0.0	-25.95	3536.23	1.83	-0.21	-46.54	-2.121e+05
		-2.121e+05	-46.54	4.09e-04	0.0	30.0	-23.56	3536.23	1.83	-0.21	8.24	-1.061e+05
						60.0	-21.16	3536.23	1.83	-0.21	63.02	25.86
133	17	2.40	19.19	-1.53e-03	0.0	0.0	-25.52	-0.01	-0.60	-4.48e-03	19.19	2.40
		1.66	-17.10	1.04e-04	0.0	30.0	-23.12	-0.01	-0.60	-4.48e-03	1.04	2.03
						60.0	-20.73	-0.01	-0.60	-4.48e-03	-17.10	1.66
133	19	17.32	37.95	-2.01	0.0	0.0	-25.82	2357.49	1.07	-0.14	-25.98	-1.414e+05
		-1.414e+05	-25.98	3.18e-04	0.0	30.0	-23.42	2357.49	1.07	-0.14	5.98	-7.071e+04
						60.0	-21.03	2357.49	1.07	-0.14	37.95	17.32
133	21	18.31	34.51	-2.01	0.0	0.0	-25.79	2357.47	0.96	-0.14	-23.15	-1.414e+05
		-1.414e+05	-23.15	2.96e-04	0.0	30.0	-23.40	2357.47	0.96	-0.14	5.68	-7.071e+04
						60.0	-21.01	2357.47	0.96	-0.14	34.51	18.31
133	24	1.11	17.16	-1.23e-03	0.0	0.0	-25.53	-2.65e-03	-0.53	-1.21e-03	17.16	1.11
		0.95	-14.64	1.20e-04	0.0	30.0	-23.14	-2.65e-03	-0.53	-1.21e-03	1.26	1.03
						60.0	-20.75	-2.65e-03	-0.53	-1.21e-03	-14.64	0.95
133	26	12.20	22.91	-1.41	0.0	0.0	-25.74	1650.24	0.61	-0.10	-13.65	-9.900e+04

		-9.900e+04	-13.65	2.63e-04	0.0	30.0	-23.34	1650.24	0.61	-0.10	4.63	-4.950e+04
						60.0	-20.95	1650.24	0.61	-0.10	22.91	12.20
133	28	12.62	21.43	-1.41	0.0	0.0	-25.73	1650.24	0.56	-0.10	-12.43	-9.900e+04
		-9.900e+04	-12.43	2.54e-04	0.0	30.0	-23.33	1650.24	0.56	-0.10	4.50	-4.949e+04
						60.0	-20.94	1650.24	0.56	-0.10	21.43	12.62
133	30	10.49	17.89	-1.21	0.0	0.0	-25.71	1414.50	0.46	-0.08	-9.53	-8.486e+04
		-8.486e+04	-9.53	2.45e-04	0.0	30.0	-23.32	1414.50	0.46	-0.08	4.18	-4.242e+04
						60.0	-20.93	1414.50	0.46	-0.08	17.89	10.49
133	31	0.67	16.35	-1.11e-03	0.0	0.0	-25.54	1.24e-03	-0.50	9.47e-05	16.35	0.59
		0.59	-13.66	1.26e-04	0.0	30.0	-23.15	1.24e-03	-0.50	9.47e-05	1.34	0.63
						60.0	-20.76	1.24e-03	-0.50	9.47e-05	-13.66	0.67
133	32	10.92	16.42	-1.21	0.0	0.0	-25.70	1414.49	0.41	-0.08	-8.32	-8.486e+04
		-8.486e+04	-8.32	2.35e-04	0.0	30.0	-23.31	1414.49	0.41	-0.08	4.05	-4.242e+04
						60.0	-20.92	1414.49	0.41	-0.08	16.42	10.92
134	7	3.54	23.54	-1.92e-03	0.0	0.0	-26.45	-0.02	-0.88	1.45e-04	23.54	3.54
		2.43	-29.07	1.48e-04	0.0	30.0	-24.06	-0.02	-0.88	1.45e-04	-2.76	2.99
						60.0	-21.67	-0.02	-0.88	1.45e-04	-29.07	2.43
134	9	65.42	43.39	-3.02	0.0	0.0	-35.13	3536.19	-1.59	0.02	43.39	-2.121e+05
		-2.121e+05	-51.77	5.30e-04	0.0	30.0	-32.02	3536.19	-1.59	0.02	-4.19	-1.060e+05
						60.0	-28.91	3536.19	-1.59	0.02	-51.77	65.42
134	14	67.20	31.86	-3.02	0.0	0.0	-27.11	3536.18	-1.17	0.01	31.86	-2.121e+05
		-2.121e+05	-38.10	4.40e-04	0.0	30.0	-24.72	3536.18	-1.17	0.01	-3.12	-1.060e+05
						60.0	-22.33	3536.18	-1.17	0.01	-38.10	67.20
134	17	2.27	25.03	-1.57e-03	0.0	0.0	-26.48	-0.01	-0.93	7.90e-04	25.03	2.27
		1.60	-30.72	1.63e-04	0.0	30.0	-24.08	-0.01	-0.93	7.90e-04	-2.84	1.93
						60.0	-21.69	-0.01	-0.93	7.90e-04	-30.72	1.60
134	19	43.60	32.66	-2.01	0.0	0.0	-26.95	2357.46	-1.20	0.01	32.66	-1.414e+05
		-1.414e+05	-39.05	3.79e-04	0.0	30.0	-24.56	2357.46	-1.20	0.01	-3.19	-7.068e+04
						60.0	-22.17	2357.46	-1.20	0.01	-39.05	43.60
134	21	44.77	30.57	-2.01	0.0	0.0	-26.92	2357.45	-1.12	0.01	30.57	-1.414e+05
		-1.414e+05	-36.74	3.58e-04	0.0	30.0	-24.53	2357.45	-1.12	0.01	-3.08	-7.068e+04
						60.0	-22.13	2357.45	-1.12	0.01	-36.74	44.77
134	24	0.99	26.52	-1.22e-03	0.0	0.0	-26.50	-3.75e-03	-0.98	1.44e-03	26.52	0.99
		0.76	-32.37	1.78e-04	0.0	30.0	-24.11	-3.75e-03	-0.98	1.44e-03	-2.93	0.87
						60.0	-21.72	-3.75e-03	-0.98	1.44e-03	-32.37	0.76
134	26	30.50	31.27	-1.41	0.0	0.0	-26.83	1650.23	-1.15	8.46e-03	31.27	-9.898e+04
		-9.898e+04	-37.54	3.23e-04	0.0	30.0	-24.44	1650.23	-1.15	8.46e-03	-3.14	-4.948e+04
						60.0	-22.04	1650.23	-1.15	8.46e-03	-37.54	30.50
134	28	31.00	30.37	-1.41	0.0	0.0	-26.81	1650.22	-1.12	8.07e-03	30.37	-9.898e+04
		-9.898e+04	-36.55	3.14e-04	0.0	30.0	-24.42	1650.22	-1.12	8.07e-03	-3.09	-4.948e+04
						60.0	-22.03	1650.22	-1.12	8.07e-03	-36.55	31.00
134	30	26.13	30.80	-1.21	0.0	0.0	-26.78	1414.48	-1.13	7.55e-03	30.80	-8.484e+04
		-8.484e+04	-37.04	3.05e-04	0.0	30.0	-24.39	1414.48	-1.13	7.55e-03	-3.12	-4.241e+04
						60.0	-22.00	1414.48	-1.13	7.55e-03	-37.04	26.13
134	31	0.47	27.12	-1.08e-03	0.0	0.0	-26.51	-7.93e-04	-1.00	1.70e-03	27.12	0.47
		0.43	-33.03	1.84e-04	0.0	30.0	-24.12	-7.93e-04	-1.00	1.70e-03	-2.96	0.45
						60.0	-21.73	-7.93e-04	-1.00	1.70e-03	-33.03	0.43
134	32	26.63	29.91	-1.21	0.0	0.0	-26.77	1414.48	-1.10	7.16e-03	29.91	-8.484e+04
		-8.484e+04	-36.05	2.96e-04	0.0	30.0	-24.38	1414.48	-1.10	7.16e-03	-3.07	-4.241e+04
						60.0	-21.98	1414.48	-1.10	7.16e-03	-36.05	26.63
181	7	2.81	-2.13	5.36e-04	0.0	0.0	-13.08	-0.03	0.22	1.83	-34.51	2.81
		-1.58	-34.51	-1.08e-03	0.0	75.0	-8.54	-0.03	0.22	1.83	-18.32	0.61
						150.0	-4.01	-0.03	0.22	1.83	-2.13	-1.58
181	9	32.77	1.685e+04	-3.00e-03	0.0	0.0	-44.67	0.74	-113.16	1067.74	1.685e+04	-78.26
		-78.26	-127.54	0.94	0.0	75.0	-38.78	0.74	-113.16	1067.74	8359.10	-22.74
						150.0	-32.88	0.74	-113.16	1067.74	-127.54	32.77
181	11	34.12	1.684e+04	-2.86e-03	0.0	0.0	-40.09	0.75	-113.11	1068.23	1.684e+04	-78.00
		-78.00	-127.85	0.94	0.0	75.0	-34.19	0.75	-113.11	1068.23	8355.40	-21.94
						150.0	-28.29	0.75	-113.11	1068.23	-127.85	34.12
181	12	33.57	1.685e+04	-3.16e-03	0.0	0.0	-36.99	0.76	-113.20	1067.39	1.685e+04	-80.08
		-80.08	-127.04	0.94	0.0	75.0	-32.45	0.76	-113.20	1067.39	8363.10	-23.26
						150.0	-27.91	0.76	-113.20	1067.39	-127.04	33.57
181	14	34.91	1.685e+04	-3.02e-03	0.0	0.0	-32.40	0.76	-113.16	1067.88	1.685e+04	-79.83
		-79.83	-127.35	0.94	0.0	75.0	-27.86	0.76	-113.16	1067.88	8359.40	-22.46
						150.0	-23.33	0.76	-113.16	1067.88	-127.35	34.91
181	17	3.16	-1.99	4.94e-04	0.0	0.0	-16.05	-0.04	0.19	1.60	-31.21	3.16
		-2.11	-31.21	-1.15e-03	0.0	75.0	-11.51	-0.04	0.19	1.60	-16.60	0.53
						150.0	-6.97	-0.04	0.19	1.60	-1.99	-2.11
181	19	21.32	1.123e+04	-1.97e-03	0.0	0.0	-31.98	0.49	-75.42	711.98	1.123e+04	-52.10
		-52.10	-85.26	0.63	0.0	75.0	-27.45	0.49	-75.42	711.98	5571.01	-15.39
						150.0	-22.91	0.49	-75.42	711.98	-85.26	21.32

181	21	22.22	1.122e+04	-1.88e-03	0.0	0.0	-28.93	0.49	-75.39	712.30	1.122e+04	-51.93
		-51.93	-85.46	0.63	0.0	75.0	-24.39	0.49	-75.39	712.30	5568.55	-14.86
						150.0	-19.85	0.49	-75.39	712.30	-85.46	22.22
181	24	3.04	-1.84	4.29e-04	0.0	0.0	-18.23	-0.04	0.17	1.37	-27.84	3.04
		-2.75	-27.84	-1.22e-03	0.0	75.0	-13.69	-0.04	0.17	1.37	-14.84	0.14
						150.0	-9.16	-0.04	0.17	1.37	-1.84	-2.75
181	26	13.91	7851.76	-1.27e-03	0.0	0.0	-28.51	0.33	-52.75	498.73	7851.76	-35.59
		-35.59	-60.19	0.44	0.0	75.0	-23.98	0.33	-52.75	498.73	3895.79	-10.84
						150.0	-19.44	0.33	-52.75	498.73	-60.19	13.91
181	28	14.29	7849.74	-1.23e-03	0.0	0.0	-27.20	0.33	-52.73	498.86	7849.74	-35.52
		-35.52	-60.28	0.44	0.0	75.0	-22.67	0.33	-52.73	498.86	3894.73	-10.61
						150.0	-18.13	0.33	-52.73	498.86	-60.28	14.29
181	30	11.44	6726.59	-1.04e-03	0.0	0.0	-27.36	0.28	-45.19	427.64	6726.59	-30.09
		-30.09	-51.83	0.37	0.0	75.0	-22.82	0.28	-45.19	427.64	3337.38	-9.33
						150.0	-18.28	0.28	-45.19	427.64	-51.83	11.44
181	31	2.99	-1.78	4.02e-04	0.0	0.0	-19.10	-0.04	0.16	1.28	-26.48	2.99
		-3.01	-26.48	-1.25e-03	0.0	75.0	-14.57	-0.04	0.16	1.28	-14.13	-8.60e-03
						150.0	-10.03	-0.04	0.16	1.28	-1.78	-3.01
181	32	11.82	6724.56	-9.96e-04	0.0	0.0	-26.05	0.28	-45.18	427.78	6724.56	-30.02
		-30.02	-51.92	0.37	0.0	75.0	-21.51	0.28	-45.18	427.78	3336.32	-9.10
						150.0	-16.97	0.28	-45.18	427.78	-51.92	11.82

Pilas.	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	N	V 2	V 3	T
	-4.264e+05	-4535.14	-3.03	0.0	-235.30	-133.58	-256.79	-1084.53
	1.964e+04	3.825e+04	2.34	0.0	216.81	3553.10	41.17	1068.23

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
		daN cm	daN cm	cm	daN	cm	daN	daN	daN	daN cm	daN cm	daN cm
1	1	876.59	32.24	1.71e-03	-40.95	0.0	-2.09	2.97	0.48	-10.72	-25.75	863.89
		-1236.31	-25.75	-6.86e-05	0.0	60.0	-2.09	-17.50	0.48	-10.72	3.24	428.04
						120.0	-2.09	-37.98	0.48	-10.72	32.24	-1236.31
1	3	913.73	11.89	1.72e-03	-40.95	0.0	-10.17	3.09	0.22	-11.71	-14.49	900.15
		-1186.10	-14.49	-1.51e-05	0.0	60.0	-10.17	-17.39	0.22	-11.71	-1.30	471.28
						120.0	-10.17	-37.86	0.22	-11.71	11.89	-1186.10
1	9	955.40	-333.39	1.73e-03	-40.95	0.0	161.12	1.18	0.14	-8.61	-350.24	955.40
		-1359.42	-350.24	-9.07e-04	0.0	60.0	161.12	-19.29	0.14	-8.61	-341.81	412.24
						120.0	161.12	-39.77	0.14	-8.61	-333.39	-1359.42
1	11	980.79	-342.36	1.74e-03	-40.95	0.0	155.46	1.27	-0.04	-9.30	-342.36	980.79
		-1324.27	-347.63	-8.69e-04	0.0	60.0	155.46	-19.21	-0.04	-9.30	-344.99	442.51
						120.0	155.46	-39.68	-0.04	-9.30	-347.63	-1324.27
1	12	498.34	-341.30	9.34e-04	-31.50	0.0	162.23	4.62	0.02	-3.36	-343.25	458.59
		-877.15	-343.25	-8.91e-04	0.0	60.0	162.23	-11.13	0.02	-3.36	-342.27	263.22
						120.0	162.23	-26.88	0.02	-3.36	-341.30	-877.15
1	14	524.94	-335.36	9.41e-04	-31.50	0.0	156.57	4.70	-0.17	-4.06	-335.36	483.97
		-842.01	-355.54	-8.54e-04	0.0	60.0	156.57	-11.05	-0.17	-4.06	-345.45	293.48
						120.0	156.57	-26.80	-0.17	-4.06	-355.54	-842.01
1	15	566.85	24.59	1.14e-03	-31.50	0.0	-1.33	4.08	0.37	-7.04	-19.35	535.20
		-865.37	-19.35	-5.36e-05	0.0	60.0	-1.33	-11.67	0.37	-7.04	2.62	307.42
						120.0	-1.33	-27.42	0.37	-7.04	24.59	-865.37
1	17	592.19	11.03	1.15e-03	-31.50	0.0	-6.72	4.16	0.19	-7.70	-11.84	559.38
		-831.90	-11.84	-1.71e-05	0.0	60.0	-6.72	-11.59	0.19	-7.70	-0.41	336.24
						120.0	-6.72	-27.34	0.19	-7.70	11.03	-831.90
1	19	610.47	-219.16	1.16e-03	-31.50	0.0	107.47	2.89	0.14	-5.63	-235.68	596.21
		-947.44	-235.68	-6.12e-04	0.0	60.0	107.47	-12.86	0.14	-5.63	-227.42	296.88
						120.0	107.47	-28.61	0.14	-5.63	-219.16	-947.44
1	21	627.80	-228.65	1.16e-03	-31.50	0.0	103.70	2.94	0.01	-6.10	-230.42	613.13
		-924.01	-230.42	-5.87e-04	0.0	60.0	103.70	-12.81	0.01	-6.10	-229.54	317.06
						120.0	103.70	-28.56	0.01	-6.10	-228.65	-924.01
1	22	566.85	24.59	1.14e-03	-31.50	0.0	-1.33	4.08	0.37	-7.04	-19.35	535.20
		-865.37	-19.35	-5.36e-05	0.0	60.0	-1.33	-11.67	0.37	-7.04	2.62	307.42
						120.0	-1.33	-27.42	0.37	-7.04	24.59	-865.37
1	24	579.52	17.81	1.14e-03	-31.50	0.0	-4.03	4.12	0.28	-7.37	-15.60	547.29
		-848.63	-15.60	-3.49e-05	0.0	60.0	-4.03	-11.63	0.28	-7.37	1.11	321.83
						120.0	-4.03	-27.38	0.28	-7.37	17.81	-848.63
1	25	605.39	-128.44	1.15e-03	-31.50	0.0	61.26	3.40	0.14	-6.53	-145.39	583.90
		-897.88	-145.39	-3.70e-04	0.0	60.0	61.26	-12.35	0.14	-6.53	-136.92	315.51
						120.0	61.26	-28.10	0.14	-6.53	-128.44	-897.88
1	26	597.04	-146.03	1.15e-03	-31.50	0.0	74.83	3.24	0.21	-6.06	-170.78	577.91
		-922.82	-170.78	-4.44e-04	0.0	60.0	74.83	-12.51	0.21	-6.06	-158.41	300.04
						120.0	74.83	-28.26	0.21	-6.06	-146.03	-922.82

1	29	566.85	24.59	1.14e-03	-31.50	0.0	-1.33	4.08	0.37	-7.04	-19.35	535.20
		-865.37	-19.35	-5.36e-05	0.0	60.0	-1.33	-11.67	0.37	-7.04	2.62	307.42
						120.0	-1.33	-27.42	0.37	-7.04	24.59	-865.37
1	30	592.72	-121.66	1.15e-03	-31.50	0.0	63.95	3.36	0.23	-6.20	-149.15	571.81
		-914.61	-149.15	-3.88e-04	0.0	60.0	63.95	-12.39	0.23	-6.20	-135.40	301.10
						120.0	63.95	-28.14	0.23	-6.20	-121.66	-914.61
1	31	574.45	20.52	1.14e-03	-31.50	0.0	-2.95	4.10	0.31	-7.24	-17.10	542.46
		-855.33	-17.10	-4.20e-05	0.0	60.0	-2.95	-11.65	0.31	-7.24	1.71	316.06
						120.0	-2.95	-27.40	0.31	-7.24	20.52	-855.33
1	32	600.33	-125.73	1.15e-03	-31.50	0.0	62.33	3.39	0.18	-6.40	-146.89	579.06
		-904.57	-146.89	-3.77e-04	0.0	60.0	62.33	-12.36	0.18	-6.40	-136.31	309.74
						120.0	62.33	-28.11	0.18	-6.40	-125.73	-904.57
3	3	9796.24	0.0	-0.01	-812.04	0.0	-49.82	315.53	-0.24	8.33	0.0	0.0
		-1.448e+04	-38.93	1.99e-04	0.0	80.0	-49.82	-90.49	-0.24	8.33	-19.46	9001.46
						160.0	-49.82	-496.51	-0.24	8.33	-38.93	-1.448e+04
3	5	617.30	0.0	-9.88e-04	-70.80	0.0	-43.81	23.41	-0.13	-7.07	0.0	0.0
		-1918.65	-20.16	7.63e-05	0.0	80.0	-43.81	-11.99	-0.13	-7.07	-10.08	456.67
						160.0	-43.81	-47.39	-0.13	-7.07	-20.16	-1918.65
3	7	9613.97	0.0	-0.01	-790.80	0.0	-36.65	308.51	-0.18	10.37	0.0	0.0
		-1.390e+04	-28.65	1.60e-04	0.0	80.0	-36.65	-86.89	-0.18	10.37	-14.33	8864.62
						160.0	-36.65	-482.29	-0.18	10.37	-28.65	-1.390e+04
3	9	1.702e+04	0.0	-0.01	-92.04	0.0	-522.55	152.42	-13.44	-296.63	0.0	0.0
		0.0	-2150.00	-1.39e-03	0.0	80.0	-522.55	106.40	-13.44	-296.63	-1075.00	1.035e+04
						160.0	-522.55	60.38	-13.44	-296.63	-2150.00	1.702e+04
3	11	1.659e+04	0.0	-0.02	-596.04	0.0	-517.54	351.99	-13.47	-284.42	0.0	0.0
		0.0	-2155.95	-1.33e-03	0.0	80.0	-517.54	53.97	-13.47	-284.42	-1077.97	1.624e+04
						160.0	-517.54	-244.05	-13.47	-284.42	-2155.95	8634.56
3	12	1.760e+04	0.0	-9.79e-03	-70.80	0.0	-509.38	145.40	-13.37	-294.60	0.0	0.0
		0.0	-2139.73	-1.43e-03	0.0	80.0	-509.38	110.00	-13.37	-294.60	-1069.86	1.022e+04
						160.0	-509.38	74.60	-13.37	-294.60	-2139.73	1.760e+04
3	15	617.25	0.0	-9.87e-04	-70.80	0.0	-43.82	23.41	-0.14	-7.04	0.0	0.0
		-1918.80	-22.00	8.31e-05	0.0	80.0	-43.82	-11.99	-0.14	-7.04	-11.00	456.60
						160.0	-43.82	-47.39	-0.14	-7.04	-22.00	-1918.80
3	17	6611.92	0.0	-7.57e-03	-550.80	0.0	-39.05	213.47	-0.17	4.59	0.0	0.0
		-9908.20	-27.66	1.39e-04	0.0	80.0	-39.05	-61.93	-0.17	4.59	-13.83	6061.90
						160.0	-39.05	-337.33	-0.17	4.59	-27.66	-9908.20
3	19	1.109e+04	0.0	-6.86e-03	-70.80	0.0	-354.20	104.73	-8.97	-198.72	0.0	0.0
		0.0	-1435.04	-9.22e-04	0.0	80.0	-354.20	69.33	-8.97	-198.72	-717.52	6962.61
						160.0	-354.20	33.93	-8.97	-198.72	-1435.04	1.109e+04
3	21	1.110e+04	0.0	-0.01	-406.80	0.0	-350.86	237.78	-8.99	-190.58	0.0	0.0
		0.0	-1439.01	-8.83e-04	0.0	80.0	-350.86	34.38	-8.99	-190.58	-719.50	1.089e+04
						160.0	-350.86	-169.02	-8.99	-190.58	-1439.01	5500.63
3	22	617.25	0.0	-9.87e-04	-70.80	0.0	-43.82	23.41	-0.14	-7.04	0.0	0.0
		-1918.80	-22.00	8.31e-05	0.0	80.0	-43.82	-11.99	-0.14	-7.04	-11.00	456.60
						160.0	-43.82	-47.39	-0.14	-7.04	-22.00	-1918.80
3	24	3609.94	0.0	-4.28e-03	-310.80	0.0	-41.43	118.44	-0.16	-1.22	0.0	0.0
		-5913.50	-24.83	1.11e-04	0.0	80.0	-41.43	-36.96	-0.16	-1.22	-12.41	3259.25
						160.0	-41.43	-192.36	-0.16	-1.22	-24.83	-5913.50
3	26	7189.61	0.0	-5.10e-03	-70.80	0.0	-261.09	80.34	-6.32	-141.21	0.0	0.0
		0.0	-1011.13	-6.21e-04	0.0	80.0	-261.09	44.94	-6.32	-141.21	-505.56	5010.81
						160.0	-261.09	9.54	-6.32	-141.21	-1011.13	7189.61
3	28	7022.99	0.0	-7.01e-03	-214.80	0.0	-259.66	137.35	-6.33	-137.72	0.0	0.0
		0.0	-1012.83	-6.04e-04	0.0	80.0	-259.66	29.95	-6.33	-137.72	-506.41	6692.39
						160.0	-259.66	-77.45	-6.33	-137.72	-1012.83	4792.79
3	29	617.25	0.0	-9.87e-04	-70.80	0.0	-43.82	23.41	-0.14	-7.04	0.0	0.0
		-1918.80	-22.00	8.31e-05	0.0	80.0	-43.82	-11.99	-0.14	-7.04	-11.00	456.60
						160.0	-43.82	-47.39	-0.14	-7.04	-22.00	-1918.80
3	30	5888.41	0.0	-4.51e-03	-70.80	0.0	-230.05	72.20	-5.44	-122.05	0.0	0.0
		0.0	-869.82	-5.20e-04	0.0	80.0	-230.05	36.80	-5.44	-122.05	-434.91	4360.20
						160.0	-230.05	1.40	-5.44	-122.05	-869.82	5888.41
3	31	2409.14	0.0	-2.96e-03	-214.80	0.0	-42.39	80.43	-0.15	-3.55	0.0	0.0
		-4315.62	-23.70	9.99e-05	0.0	80.0	-42.39	-26.97	-0.15	-3.55	-11.85	2138.19
						160.0	-42.39	-134.37	-0.15	-3.55	-23.70	-4315.62
3	32	6209.74	0.0	-6.42e-03	-214.80	0.0	-228.62	129.22	-5.45	-118.56	0.0	0.0
		0.0	-871.52	-5.03e-04	0.0	80.0	-228.62	21.82	-5.45	-118.56	-435.76	6041.79
						160.0	-228.62	-85.58	-5.45	-118.56	-871.52	3491.59
4	3	705.24	-0.86	1.34e-03	-40.95	0.0	-9.78	6.52	-0.02	-10.02	-0.86	645.02
		-1030.13	-3.09	-1.32e-05	0.0	60.0	-9.78	-13.96	-0.02	-10.02	-1.97	421.70
						120.0	-9.78	-34.43	-0.02	-10.02	-3.09	-1030.13
4	9	1031.29	4440.81	1.57e-03	-40.95	0.0	165.18	-0.39	91.84	-218.08	-6580.45	1031.29
		-1472.39	-6580.45	-0.02	0.0	60.0	165.18	-20.86	91.84	-218.08	-1069.82	393.70

						120.0	165.18	-41.34	91.84	-218.08	4440.81	-1472.39
4	12	585.59	4443.30	8.29e-04	-31.50	0.0	166.29	2.55	91.89	-212.56	-6583.69	573.84
		-1009.93	-6583.69	-0.02	0.0	60.0	166.29	-13.20	91.89	-212.56	-1070.19	254.45
						120.0	166.29	-28.95	91.89	-212.56	4443.30	-1009.93
4	14	522.43	4450.11	6.58e-04	-31.50	0.0	160.94	4.14	92.06	-211.19	-6597.07	489.81
		-902.93	-6597.07	-0.02	0.0	60.0	160.94	-11.61	92.06	-211.19	-1073.48	265.94
						120.0	160.94	-27.36	92.06	-211.19	4450.11	-902.93
4	17	465.77	1.73	8.88e-04	-31.50	0.0	-6.46	6.48	-0.04	-6.71	1.73	386.35
		-725.71	-3.57	-4.68e-06	0.0	60.0	-6.46	-9.27	-0.04	-6.71	-0.92	302.82
						120.0	-6.46	-25.02	-0.04	-6.71	-3.57	-725.71
4	19	650.58	2959.03	1.05e-03	-31.50	0.0	110.17	1.88	61.20	-145.41	-4384.67	643.86
		-1020.55	-4384.67	-0.01	0.0	60.0	110.17	-13.87	61.20	-145.41	-712.82	284.16
						120.0	110.17	-29.62	61.20	-145.41	2959.03	-1020.55
4	21	602.52	2963.56	9.32e-04	-31.50	0.0	106.60	2.94	61.31	-144.50	-4393.59	587.84
		-949.22	-4393.59	-0.01	0.0	60.0	106.60	-12.81	61.31	-144.50	-715.01	291.81
						120.0	106.60	-28.56	61.31	-144.50	2963.56	-949.22
4	24	488.72	8.10	9.70e-04	-31.50	0.0	-3.91	5.72	-0.12	-7.36	8.10	426.36
		-776.67	-6.82	9.62e-06	0.0	60.0	-3.91	-10.03	-0.12	-7.36	0.64	297.35
						120.0	-3.91	-25.78	-0.12	-7.36	-6.82	-776.67
4	26	604.28	2068.30	1.05e-03	-31.50	0.0	76.71	2.81	42.78	-104.19	-3064.93	590.62
		-962.67	-3064.93	-8.23e-03	0.0	60.0	76.71	-12.94	42.78	-104.19	-498.31	286.47
						120.0	76.71	-28.69	42.78	-104.19	2068.30	-962.67
4	28	585.99	2070.25	9.99e-04	-31.50	0.0	75.18	3.26	42.82	-103.80	-3068.75	566.61
		-932.10	-3068.75	-8.24e-03	0.0	60.0	75.18	-12.49	42.82	-103.80	-499.25	289.75
						120.0	75.18	-28.24	42.82	-103.80	2070.25	-932.10
4	30	590.06	1771.39	1.05e-03	-31.50	0.0	65.56	3.11	36.64	-90.45	-2625.01	572.87
		-943.38	-2625.01	-7.05e-03	0.0	60.0	65.56	-12.64	36.64	-90.45	-426.81	287.24
						120.0	65.56	-28.39	36.64	-90.45	1771.39	-943.38
4	31	497.91	10.65	1.00e-03	-31.50	0.0	-2.89	5.42	-0.16	-7.62	10.65	442.37
		-797.05	-8.11	1.53e-05	0.0	60.0	-2.89	-10.33	-0.16	-7.62	1.27	295.16
						120.0	-2.89	-26.08	-0.16	-7.62	-8.11	-797.05
4	32	572.87	1773.34	9.99e-04	-31.50	0.0	64.03	3.57	36.68	-90.06	-2628.84	548.86
		-912.81	-2628.84	-7.06e-03	0.0	60.0	64.03	-12.18	36.68	-90.06	-427.75	290.53
						120.0	64.03	-27.93	36.68	-90.06	1773.34	-912.81
5	3	7612.01	0.0	-0.01	-761.29	0.0	-60.71	483.22	0.38	15.82	-57.38	-1.539e+04
		-1.539e+04	-57.38	-4.68e-05	0.0	75.0	-60.71	102.58	0.38	15.82	-28.69	6580.82
						150.0	-60.71	-278.07	0.38	15.82	0.0	0.0
5	7	7582.03	0.0	-0.01	-741.38	0.0	-44.73	467.58	0.35	12.73	-51.99	-1.453e+04
		-1.453e+04	-51.99	-4.46e-05	0.0	75.0	-44.73	96.89	0.35	12.73	-26.00	6634.18
						150.0	-44.73	-273.80	0.35	12.73	0.0	0.0
5	9	0.0	3133.67	-0.02	-86.29	0.0	-1192.28	228.49	-20.89	-192.72	3133.67	-2.780e+04
		-2.780e+04	0.0	-9.63e-04	0.0	75.0	-1192.28	185.35	-20.89	-192.72	1566.84	-1.228e+04
						150.0	-1192.28	142.21	-20.89	-192.72	0.0	0.0
5	11	206.31	3102.27	-0.02	-558.79	0.0	-1186.59	519.32	-20.68	-190.16	3102.27	-3.599e+04
		-3.599e+04	0.0	-9.63e-04	0.0	75.0	-1186.59	239.93	-20.68	-190.16	1551.13	-7517.13
						150.0	-1186.59	-39.47	-20.68	-190.16	0.0	0.0
5	12	0.0	3139.06	-0.01	-66.38	0.0	-1176.29	212.85	-20.93	-195.82	3139.06	-2.695e+04
		-2.695e+04	0.0	-9.64e-04	0.0	75.0	-1176.29	179.66	-20.93	-195.82	1569.53	-1.223e+04
						150.0	-1176.29	146.47	-20.93	-195.82	0.0	0.0
5	17	5088.47	0.0	-8.92e-03	-516.38	0.0	-47.49	329.09	0.26	11.67	-38.45	-1.064e+04
		-1.064e+04	-38.45	-2.98e-05	0.0	75.0	-47.49	70.91	0.26	11.67	-19.23	4364.12
						150.0	-47.49	-187.28	0.26	11.67	0.0	0.0
5	19	0.0	2088.92	-0.01	-66.38	0.0	-801.87	159.27	-13.93	-127.36	2088.92	-1.891e+04
		-1.891e+04	0.0	-6.41e-04	0.0	75.0	-801.87	126.09	-13.93	-127.36	1044.46	-8212.02
						150.0	-801.87	92.90	-13.93	-127.36	0.0	0.0
5	21	152.80	2067.98	-0.01	-381.38	0.0	-798.08	353.16	-13.79	-125.65	2067.98	-2.437e+04
		-2.437e+04	0.0	-6.42e-04	0.0	75.0	-798.08	162.47	-13.79	-125.65	1033.99	-5034.51
						150.0	-798.08	-28.22	-13.79	-125.65	0.0	0.0
5	24	2595.22	0.0	-6.94e-03	-291.38	0.0	-50.20	190.60	0.16	10.45	-23.50	-6737.61
		-6737.61	-23.50	-1.36e-05	0.0	75.0	-50.20	44.92	0.16	10.45	-11.75	2094.47
						150.0	-50.20	-100.77	0.16	10.45	0.0	0.0
5	26	0.0	1459.68	-0.01	-66.38	0.0	-577.18	127.13	-9.73	-86.38	1459.68	-1.409e+04
		-1.409e+04	0.0	-4.48e-04	0.0	75.0	-577.18	93.94	-9.73	-86.38	729.84	-5800.96
						150.0	-577.18	60.75	-9.73	-86.38	0.0	0.0
5	28	0.0	1450.71	-0.01	-201.38	0.0	-575.56	210.22	-9.67	-85.65	1450.71	-1.643e+04
		-1.643e+04	0.0	-4.48e-04	0.0	75.0	-575.56	109.53	-9.67	-85.65	725.35	-4439.17
						150.0	-575.56	8.85	-9.67	-85.65	0.0	0.0
5	30	0.0	1249.93	-9.82e-03	-66.38	0.0	-502.29	116.41	-8.33	-72.72	1249.93	-1.248e+04
		-1.248e+04	0.0	-3.83e-04	0.0	75.0	-502.29	83.22	-8.33	-72.72	624.97	-4997.28
						150.0	-502.29	50.04	-8.33	-72.72	0.0	0.0
5	31	1626.58	0.0	-6.51e-03	-201.38	0.0	-51.29	135.21	0.12	9.96	-17.52	-5178.33

		-5178.33	-17.52	-7.04e-06	0.0	75.0	-51.29	34.52	0.12	9.96	-8.76	1186.61
						150.0	-51.29	-66.17	0.12	9.96	0.0	0.0
5	32	0.0	1240.96	-9.83e-03	-201.38	0.0	-500.66	199.50	-8.27	-71.99	1240.96	-1.482e+04
		-1.482e+04	0.0	-3.83e-04	0.0	75.0	-500.66	98.82	-8.27	-71.99	620.48	-3635.49
						150.0	-500.66	-1.87	-8.27	-71.99	0.0	0.0
6	1	202.52	9.24	2.18e-04	-43.29	0.0	-1.37	21.65	9.55e-03	-2.22	8.09	-446.88
		-446.88	8.09	-6.59e-05	0.0	60.0	-1.37	9.02e-04	9.55e-03	-2.22	8.66	202.52
						120.0	-1.37	-21.64	9.55e-03	-2.22	9.24	-446.77
6	3	451.95	1.25	-4.71e-04	-88.29	0.0	-0.46	44.32	-1.62e-03	3.91	1.25	-882.75
		-882.75	1.05	-1.09e-05	0.0	60.0	-0.46	0.17	-1.62e-03	3.91	1.15	451.95
						120.0	-0.46	-43.97	-1.62e-03	3.91	1.05	-862.04
6	4	424.85	-283.06	9.55e-04	-88.29	0.0	80.90	42.87	-1.51	94.75	-283.06	-823.23
		-975.77	-464.82	-8.05e-04	0.0	60.0	80.90	-1.27	-1.51	94.75	-373.94	424.85
						120.0	80.90	-45.42	-1.51	94.75	-464.82	-975.77
6	14	290.65	-404.48	1.36e-03	-64.80	0.0	115.79	30.46	-2.16	132.39	-404.48	-564.99
		-797.72	-664.03	-1.15e-03	0.0	60.0	115.79	-1.94	-2.16	132.39	-534.25	290.65
						120.0	115.79	-34.34	-2.16	132.39	-664.03	-797.72
6	15	155.34	7.16	1.67e-04	-33.30	0.0	-1.06	16.65	6.94e-03	-1.69	6.33	-344.25
		-344.25	6.33	-5.10e-05	0.0	60.0	-1.06	1.64e-03	6.94e-03	-1.69	6.75	155.34
						120.0	-1.06	-16.65	6.94e-03	-1.69	7.16	-344.06
6	17	321.63	1.77	-3.26e-04	-63.30	0.0	-0.45	31.77	-5.14e-04	2.39	1.77	-634.84
		-634.84	1.71	-1.44e-05	0.0	60.0	-0.45	0.12	-5.14e-04	2.39	1.74	321.63
						120.0	-0.45	-31.53	-5.14e-04	2.39	1.71	-620.90
6	18	303.56	-187.77	6.58e-04	-63.30	0.0	53.78	30.80	-1.01	62.95	-187.77	-595.16
		-696.72	-308.87	-5.44e-04	0.0	60.0	53.78	-0.85	-1.01	62.95	-248.32	303.56
						120.0	53.78	-32.50	-1.01	62.95	-308.87	-696.72
6	21	245.93	-267.64	9.65e-04	-54.30	0.0	76.84	25.86	-1.44	87.69	-267.64	-490.98
		-646.16	-440.35	-7.81e-04	0.0	60.0	76.84	-1.29	-1.44	87.69	-353.99	245.93
						120.0	76.84	-28.44	-1.44	87.69	-440.35	-646.16
6	22	155.34	7.16	1.67e-04	-33.30	0.0	-1.06	16.65	6.94e-03	-1.69	6.33	-344.25
		-344.25	6.33	-5.10e-05	0.0	60.0	-1.06	1.64e-03	6.94e-03	-1.69	6.75	155.34
						120.0	-1.06	-16.65	6.94e-03	-1.69	7.16	-344.06
6	24	238.49	4.44	-2.10e-04	-48.30	0.0	-0.76	24.21	3.21e-03	0.35	4.05	-489.55
		-489.55	4.05	-3.27e-05	0.0	60.0	-0.76	0.06	3.21e-03	0.35	4.24	238.49
						120.0	-0.76	-24.09	3.21e-03	0.35	4.44	-482.48
6	25	223.00	-158.41	6.35e-04	-48.30	0.0	45.73	23.38	-0.86	52.26	-158.41	-455.53
		-547.47	-261.78	-4.86e-04	0.0	60.0	45.73	-0.77	-0.86	52.26	-210.10	223.00
						120.0	45.73	-24.92	-0.86	52.26	-261.78	-547.47
6	28	187.16	-184.58	7.50e-04	-42.30	0.0	53.36	20.22	-1.00	60.10	-184.58	-391.75
		-502.93	-305.06	-5.69e-04	0.0	60.0	53.36	-0.93	-1.00	60.10	-244.82	187.16
						120.0	53.36	-22.08	-1.00	60.10	-305.06	-502.93
6	29	155.34	7.16	1.67e-04	-33.30	0.0	-1.06	16.65	6.94e-03	-1.69	6.33	-344.25
		-344.25	6.33	-5.10e-05	0.0	60.0	-1.06	1.64e-03	6.94e-03	-1.69	6.75	155.34
						120.0	-1.06	-16.65	6.94e-03	-1.69	7.16	-344.06
6	31	205.23	5.53	-1.65e-04	-42.30	0.0	-0.88	21.19	4.70e-03	-0.47	4.96	-431.43
		-431.43	4.96	-4.00e-05	0.0	60.0	-0.88	0.04	4.70e-03	-0.47	5.24	205.23
						120.0	-0.88	-21.11	4.70e-03	-0.47	5.53	-427.11
6	32	189.74	-157.50	6.61e-04	-42.30	0.0	45.61	20.36	-0.86	51.44	-157.50	-397.42
		-492.10	-260.69	-4.94e-04	0.0	60.0	45.61	-0.79	-0.86	51.44	-209.09	189.74
						120.0	45.61	-21.94	-0.86	51.44	-260.69	-492.10
7	3	66.57	-6.84	-5.79e-04	-10.77	0.0	-28.90	5.06	0.03	0.89	-10.55	-95.41
		-140.38	-10.55	6.46e-04	0.0	68.5	-28.90	-0.33	0.03	0.89	-8.69	66.57
						137.0	-28.90	-5.71	0.03	0.89	-6.84	-140.38
7	5	50.05	-3.48	-4.56e-04	-8.29	0.0	-14.47	3.98	0.02	0.51	-5.88	-80.55
		-103.13	-5.88	3.17e-04	0.0	68.5	-14.47	-0.16	0.02	0.51	-4.68	50.05
						137.0	-14.47	-4.31	0.02	0.51	-3.48	-103.13
7	11	64.35	-1236.92	-5.27e-04	-10.77	0.0	162.94	5.30	-155.93	535.87	-1236.92	-114.07
		-126.15	-6639.57	0.43	308.25	68.5	162.94	-0.09	-1.81	535.87	-6639.57	64.35
						137.0	162.94	-5.47	152.32	535.87	-1484.66	-126.15
7	12	48.02	-1233.11	-4.15e-04	-8.29	0.0	175.18	4.21	-155.94	535.56	-1233.11	-98.66
		-98.66	-6636.32	0.43	308.25	68.5	175.18	0.07	-1.82	535.56	-6636.32	48.02
						137.0	175.18	-4.07	152.31	535.56	-1481.97	-89.08
7	15	50.44	-3.51	-4.41e-04	-8.29	0.0	-15.67	3.94	0.02	0.52	-5.90	-77.30
		-105.62	-5.90	3.20e-04	0.0	68.5	-15.67	-0.21	0.02	0.52	-4.71	50.44
						137.0	-15.67	-4.35	0.02	0.52	-3.51	-105.62
7	17	50.85	-5.01	-4.53e-04	-8.29	0.0	-20.55	3.92	0.02	0.66	-7.80	-76.07
		-106.02	-7.80	4.72e-04	0.0	68.5	-20.55	-0.22	0.02	0.66	-6.41	50.85
						137.0	-20.55	-4.36	0.02	0.66	-5.01	-106.02
7	19	49.08	-824.05	-4.12e-04	-8.29	0.0	110.75	4.09	-103.96	357.21	-824.05	-89.38
		-96.25	-4425.80	0.28	205.50	68.5	110.75	-0.05	-1.21	357.21	-4425.80	49.08
						137.0	110.75	-4.19	101.54	357.21	-989.17	-96.25

7	21	49.37	-825.39	-4.21e-04	-8.29	0.0	107.34	4.08	-103.95	357.31	-825.39	-88.52
		-96.53	-4426.99	0.28	205.50	68.5	107.34	-0.06	-1.20	357.31	-4426.99	49.37
						137.0	107.34	-4.20	101.55	357.31	-990.22	-96.53
7	22	50.44	-3.51	-4.41e-04	-8.29	0.0	-15.67	3.94	0.02	0.52	-5.90	-77.30
		-105.62	-5.90	3.20e-04	0.0	68.5	-15.67	-0.21	0.02	0.52	-4.71	50.44
						137.0	-15.67	-4.35	0.02	0.52	-3.51	-105.62
7	24	50.64	-4.26	-4.47e-04	-8.29	0.0	-18.11	3.93	0.02	0.59	-6.85	-76.69
		-105.82	-6.85	3.96e-04	0.0	68.5	-18.11	-0.21	0.02	0.59	-5.56	50.64
						137.0	-18.11	-4.36	0.02	0.59	-4.26	-105.82
7	26	49.49	-578.61	-4.20e-04	-8.29	0.0	72.83	4.05	-72.76	250.20	-578.61	-85.75
		-99.06	-3099.47	0.20	143.85	68.5	72.83	-0.10	-0.84	250.20	-3099.47	49.49
						137.0	72.83	-4.24	71.09	250.20	-693.48	-99.06
7	28	49.61	-579.18	-4.24e-04	-8.29	0.0	71.36	4.04	-72.76	250.25	-579.18	-85.39
		-99.18	-3099.98	0.20	143.85	68.5	71.36	-0.10	-0.84	250.25	-3099.98	49.61
						137.0	71.36	-4.24	71.09	250.25	-693.92	-99.18
7	29	50.44	-3.51	-4.41e-04	-8.29	0.0	-15.67	3.94	0.02	0.52	-5.90	-77.30
		-105.62	-5.90	3.20e-04	0.0	68.5	-15.67	-0.21	0.02	0.52	-4.71	50.44
						137.0	-15.67	-4.35	0.02	0.52	-3.51	-105.62
7	30	49.62	-496.79	-4.23e-04	-8.29	0.0	60.18	4.03	-62.37	214.54	-496.79	-84.55
		-100.00	-2657.36	0.17	123.30	68.5	60.18	-0.11	-0.72	214.54	-2657.36	49.62
						137.0	60.18	-4.26	60.93	214.54	-594.91	-100.00
7	31	50.56	-3.96	-4.44e-04	-8.29	0.0	-17.14	3.93	0.02	0.56	-6.47	-76.93
		-105.74	-6.47	3.65e-04	0.0	68.5	-17.14	-0.21	0.02	0.56	-5.22	50.56
						137.0	-17.14	-4.35	0.02	0.56	-3.96	-105.74
7	32	49.75	-497.36	-4.27e-04	-8.29	0.0	58.72	4.03	-62.37	214.58	-497.36	-84.18
		-100.12	-2657.87	0.17	123.30	68.5	58.72	-0.12	-0.72	214.58	-2657.87	49.75
						137.0	58.72	-4.26	60.93	214.58	-595.36	-100.12
8	3	63.59	-6.43	-4.37e-04	-10.77	0.0	-30.63	5.35	-0.02	-0.83	-6.43	-118.24
		-123.50	-9.42	-6.34e-04	0.0	68.5	-30.63	-0.04	-0.02	-0.83	-7.92	63.59
						137.0	-30.63	-5.42	-0.02	-0.83	-9.42	-123.50
8	5	48.48	-3.07	-3.62e-04	-8.29	0.0	-15.31	4.11	-0.01	-0.46	-3.07	-91.30
		-95.54	-4.76	-3.16e-04	0.0	68.5	-15.31	-0.03	-0.01	-0.46	-3.91	48.48
						137.0	-15.31	-4.17	-0.01	-0.46	-4.76	-95.54
8	9	61.27	-1094.86	-4.08e-04	-10.77	0.0	167.25	5.12	-151.21	-548.14	-1494.30	-105.27
		-141.12	-6573.36	-0.46	308.25	68.5	167.25	-0.26	2.92	-548.14	-6573.36	61.27
						137.0	167.25	-5.65	157.04	-548.14	-1094.86	-141.12
8	11	61.70	-1097.10	4.15e-04	-10.77	0.0	162.10	5.14	-151.21	-548.30	-1495.95	-105.71
		-139.81	-6575.31	-0.46	308.25	68.5	162.10	-0.25	2.91	-548.30	-6575.31	61.70
						137.0	162.10	-5.63	157.04	-548.30	-1097.10	-139.81
8	12	46.77	-1093.39	-3.29e-04	-8.29	0.0	175.22	3.91	-151.21	-547.99	-1493.30	-78.95
		-111.29	-6572.13	-0.46	308.25	68.5	175.22	-0.24	2.92	-547.99	-6572.13	46.77
						137.0	175.22	-4.38	157.04	-547.99	-1093.39	-111.29
8	15	48.46	-3.10	-3.49e-04	-8.29	0.0	-16.78	4.10	-0.01	-0.46	-3.10	-90.83
		-96.05	-4.78	-3.19e-04	0.0	68.5	-16.78	-0.04	-0.01	-0.46	-3.94	48.46
						137.0	-16.78	-4.18	-0.01	-0.46	-4.78	-96.05
8	17	48.87	-4.67	-3.46e-04	-8.29	0.0	-21.68	4.12	-0.02	-0.61	-4.67	-91.25
		-94.80	-6.91	-4.63e-04	0.0	68.5	-21.68	-0.03	-0.02	-0.61	-5.79	48.87
						137.0	-21.68	-4.17	-0.02	-0.61	-6.91	-94.80
8	19	47.32	-730.53	-3.27e-04	-8.29	0.0	110.24	3.97	-100.81	-365.49	-996.59	-82.60
		-106.55	-4382.75	-0.31	205.50	68.5	110.24	-0.17	1.94	-365.49	-4382.75	47.32
						137.0	110.24	-4.32	104.69	-365.49	-730.53	-106.55
8	21	47.61	-732.02	-3.25e-04	-8.29	0.0	106.81	3.98	-100.81	-365.59	-997.69	-82.89
		-105.67	-4384.04	-0.31	205.50	68.5	106.81	-0.17	1.94	-365.59	-4384.04	47.61
						137.0	106.81	-4.31	104.69	-365.59	-732.02	-105.67
8	22	48.46	-3.10	-3.49e-04	-8.29	0.0	-16.78	4.10	-0.01	-0.46	-3.10	-90.83
		-96.05	-4.78	-3.19e-04	0.0	68.5	-16.78	-0.04	-0.01	-0.46	-3.94	48.46
						137.0	-16.78	-4.18	-0.01	-0.46	-4.78	-96.05
8	24	48.66	-3.89	-3.48e-04	-8.29	0.0	-19.23	4.11	-0.01	-0.54	-3.89	-91.04
		-95.42	-5.84	-3.91e-04	0.0	68.5	-19.23	-0.03	-0.01	-0.54	-4.87	48.66
						137.0	-19.23	-4.17	-0.01	-0.54	-5.84	-95.42
8	26	47.66	-512.81	-3.34e-04	-8.29	0.0	72.14	4.01	-70.57	-255.98	-698.54	-85.07
		-103.40	-3069.11	-0.22	143.85	68.5	72.14	-0.13	1.36	-255.98	-3069.11	47.66
						137.0	72.14	-4.28	73.28	-255.98	-512.81	-103.40
8	28	47.78	-513.45	-3.33e-04	-8.29	0.0	70.67	4.01	-70.57	-256.02	-699.02	-85.20
		-103.02	-3069.66	-0.22	143.85	68.5	70.67	-0.13	1.35	-256.02	-3069.66	47.78
						137.0	70.67	-4.27	73.28	-256.02	-513.45	-103.02
8	29	48.46	-3.10	-3.49e-04	-8.29	0.0	-16.78	4.10	-0.01	-0.46	-3.10	-90.83
		-96.05	-4.78	-3.19e-04	0.0	68.5	-16.78	-0.04	-0.01	-0.46	-3.94	48.46
						137.0	-16.78	-4.18	-0.01	-0.46	-4.78	-96.05
8	30	47.77	-440.23	-3.36e-04	-8.29	0.0	59.43	4.02	-60.49	-219.48	-599.20	-85.89
		-102.35	-2631.23	-0.18	123.30	68.5	59.43	-0.12	1.16	-219.48	-2631.23	47.77

						137.0	59.43	-4.26	62.81	-219.48	-440.23	-102.35
8	31	48.58	-3.57	-3.48e-04	-8.29	0.0	-18.25	4.11	-0.01	-0.51	-3.57	-90.96
		-95.67	-5.42	-3.62e-04	0.0	68.5	-18.25	-0.03	-0.01	-0.51	-4.50	48.58
						137.0	-18.25	-4.18	-0.01	-0.51	-5.42	-95.67
8	32	47.90	-440.87	-3.35e-04	-8.29	0.0	57.96	4.03	-60.49	-219.52	-599.67	-86.02
		-101.97	-2631.78	-0.18	123.30	68.5	57.96	-0.12	1.16	-219.52	-2631.78	47.90
						137.0	57.96	-4.26	62.81	-219.52	-440.87	-101.97
9	3	63.43	-10.41	8.12e-04	-10.77	0.0	-22.46	5.17	0.03	-2.34	-15.05	-105.97
		-136.10	-15.05	-1.73e-03	0.0	68.5	-22.46	-0.22	0.03	-2.34	-12.73	63.43
						137.0	-22.46	-5.61	0.03	-2.34	-10.41	-136.10
9	9	45.06	2786.95	5.14e-04	-10.77	0.0	231.09	3.96	-101.46	-1196.02	-4428.39	-54.64
		-249.94	-6710.05	-0.98	308.25	68.5	231.09	-1.43	52.67	-1196.02	-6099.50	32.17
						137.0	231.09	-6.81	206.79	-1196.02	2786.95	-249.94
9	11	46.00	2784.18	5.96e-04	-10.77	0.0	224.69	3.98	-101.45	-1196.48	-4431.66	-54.68
		-247.36	-6713.16	-0.98	308.25	68.5	224.69	-1.41	52.67	-1196.48	-6102.52	33.44
						137.0	224.69	-6.79	206.80	-1196.48	2784.18	-247.36
9	12	31.97	2788.38	3.26e-04	-8.29	0.0	234.66	2.81	-101.47	-1195.63	-4425.94	-32.91
		-215.51	-6707.92	-0.98	308.25	68.5	234.66	-1.33	52.66	-1195.63	-6097.56	17.68
						137.0	234.66	-5.48	206.78	-1195.63	2788.38	-215.51
9	17	48.48	-7.63	5.70e-04	-8.29	0.0	-16.12	3.99	0.03	-1.73	-11.07	-82.69
		-104.13	-11.07	-1.26e-03	0.0	68.5	-16.12	-0.16	0.03	-1.73	-9.35	48.48
						137.0	-16.12	-4.30	0.03	-1.73	-7.63	-104.13
9	19	35.22	1857.28	3.63e-04	-8.29	0.0	152.91	3.18	-67.64	-797.52	-2953.30	-48.47
		-180.02	-4474.30	-0.65	205.50	68.5	152.91	-0.96	35.11	-797.52	-4067.20	27.65
						137.0	152.91	-5.10	137.86	-797.52	1857.28	-180.02
9	21	35.85	1855.43	4.18e-04	-8.29	0.0	148.65	3.20	-67.63	-797.82	-2955.48	-48.50
		-178.30	-4476.37	-0.65	205.50	68.5	148.65	-0.95	35.12	-797.82	-4069.21	28.50
						137.0	148.65	-5.09	137.87	-797.82	1855.43	-178.30
9	24	47.88	-6.31	5.26e-04	-8.29	0.0	-13.08	3.98	0.02	-1.51	-9.51	-82.67
		-105.36	-9.51	-1.07e-03	0.0	68.5	-13.08	-0.17	0.02	-1.51	-7.91	47.88
						137.0	-13.08	-4.31	0.02	-1.51	-6.31	-105.36
9	26	37.52	1298.60	3.76e-04	-8.29	0.0	104.03	3.42	-47.34	-558.65	-2069.70	-58.72
		-157.99	-3134.12	-0.46	143.85	68.5	104.03	-0.72	24.59	-558.65	-2848.98	33.54
						137.0	104.03	-4.87	96.51	-558.65	1298.60	-157.99
9	28	37.84	1297.81	4.00e-04	-8.29	0.0	102.20	3.42	-47.34	-558.78	-2070.63	-58.74
		-157.25	-3135.01	-0.46	143.85	68.5	102.20	-0.72	24.59	-558.78	-2849.84	33.90
						137.0	102.20	-4.86	96.51	-558.78	1297.81	-157.25
9	30	38.81	1112.37	3.88e-04	-8.29	0.0	87.73	3.50	-40.57	-479.03	-1775.16	-62.14
		-150.65	-2687.39	-0.39	123.30	68.5	87.73	-0.65	21.08	-479.03	-2442.91	35.50
						137.0	87.73	-4.79	82.73	-479.03	1112.37	-150.65
9	31	47.64	-5.78	5.08e-04	-8.29	0.0	-11.86	3.97	0.02	-1.42	-8.89	-82.66
		-105.85	-8.89	-9.93e-04	0.0	68.5	-11.86	-0.17	0.02	-1.42	-7.34	47.64
						137.0	-11.86	-4.31	0.02	-1.42	-5.78	-105.85
9	32	39.13	1111.58	4.14e-04	-8.29	0.0	85.91	3.50	-40.57	-479.16	-1776.10	-62.15
		-149.91	-2688.28	-0.39	123.30	68.5	85.91	-0.64	21.08	-479.16	-2443.77	35.86
						137.0	85.91	-4.78	82.73	-479.16	1111.58	-149.91
10	3	38.61	0.71	-2.85e-03	-4.79	0.0	5.39	2.35	8.50e-03	-0.04	-1.02	-78.18
		-87.73	-1.02	-8.71e-04	0.0	101.6	2.77	-0.05	8.50e-03	-0.04	-0.15	38.61
						203.1	0.15	-2.44	8.50e-03	-0.04	0.71	-87.73
10	7	30.22	0.57	-2.24e-03	-3.68	0.0	2.04	1.82	7.00e-03	-0.03	-0.85	-60.75
		-65.83	-0.85	-8.66e-04	0.0	101.6	0.03	-0.03	7.00e-03	-0.03	-0.14	30.22
						203.1	-1.99	-1.87	7.00e-03	-0.03	0.57	-65.83
10	9	38.03	4653.45	-2.35e-03	-4.79	0.0	25.93	2.30	27.34	-219.24	-901.29	-74.46
		-92.63	-901.29	-2.35	0.0	101.6	23.31	-0.09	27.34	-219.24	1876.08	38.03
						203.1	20.69	-2.48	27.34	-219.24	4653.45	-92.63
10	11	38.05	4653.53	-2.36e-03	-4.79	0.0	25.54	2.30	27.34	-219.25	-901.51	-74.47
		-92.57	-901.51	-2.35	0.0	101.6	22.92	-0.09	27.34	-219.25	1876.01	38.05
						203.1	20.30	-2.48	27.34	-219.25	4653.53	-92.57
10	17	29.92	0.54	-2.21e-03	-3.68	0.0	3.34	1.81	6.31e-03	-0.03	-0.75	-60.40
		-66.78	-0.75	-5.76e-04	0.0	101.6	1.33	-0.03	6.31e-03	-0.03	-0.11	29.92
						203.1	-0.69	-1.87	6.31e-03	-0.03	0.54	-66.78
10	19	29.53	3102.36	-1.87e-03	-3.68	0.0	17.04	1.78	18.23	-146.16	-600.93	-57.92
		-70.05	-600.93	-1.57	0.0	101.6	15.02	-0.06	18.23	-146.16	1250.72	29.53
						203.1	13.01	-1.90	18.23	-146.16	3102.36	-70.05
10	21	29.55	3102.41	-1.88e-03	-3.68	0.0	16.78	1.78	18.23	-146.17	-601.08	-57.93
		-70.01	-601.08	-1.57	0.0	101.6	14.76	-0.06	18.23	-146.17	1250.67	29.55
						203.1	12.75	-1.90	18.23	-146.17	3102.41	-70.01
10	24	29.91	0.50	-2.21e-03	-3.68	0.0	3.53	1.81	5.61e-03	-0.02	-0.64	-60.39
		-66.81	-0.64	-2.81e-04	0.0	101.6	1.51	-0.03	5.61e-03	-0.02	-0.07	29.91
						203.1	-0.50	-1.87	5.61e-03	-0.02	0.50	-66.81
10	26	29.64	2171.79	-1.97e-03	-3.68	0.0	13.04	1.79	12.76	-102.32	-420.81	-58.66

		-69.08	-420.81	-1.10	0.0	101.6	11.03	-0.05	12.76	-102.32	875.49	29.64
						203.1	9.01	-1.89	12.76	-102.32	2171.79	-69.08
10	28	29.65	2171.81	-1.97e-03	-3.68	0.0	12.93	1.79	12.76	-102.32	-420.87	-58.66
		-69.07	-420.87	-1.10	0.0	101.6	10.92	-0.05	12.76	-102.32	875.47	29.65
						203.1	8.90	-1.89	12.76	-102.32	2171.81	-69.07
10	30	29.68	1861.60	-2.00e-03	-3.68	0.0	11.71	1.79	10.94	-87.71	-360.77	-58.90
		-68.76	-360.77	-0.94	0.0	101.6	9.70	-0.05	10.94	-87.71	750.41	29.68
						203.1	7.68	-1.89	10.94	-87.71	1861.60	-68.76
10	31	29.91	0.48	-2.20e-03	-3.68	0.0	3.61	1.81	5.33e-03	-0.02	-0.60	-60.39
		-66.82	-0.60	-1.64e-04	0.0	101.6	1.59	-0.03	5.33e-03	-0.02	-0.06	29.91
						203.1	-0.43	-1.87	5.33e-03	-0.02	0.48	-66.82
10	32	29.69	1861.62	-2.01e-03	-3.68	0.0	11.60	1.79	10.94	-87.71	-360.83	-58.91
		-68.75	-360.83	-0.94	0.0	101.6	9.58	-0.05	10.94	-87.71	750.39	29.69
						203.1	7.57	-1.89	10.94	-87.71	1861.62	-68.75
12	3	1.922e+04	0.0	-0.02	-1569.48	0.0	-3.80	614.53	-0.29	5.09	0.0	0.0
		-2.723e+04	-46.07	1.72e-04	0.0	80.0	-3.80	-170.21	-0.29	5.09	-23.03	1.777e+04
						160.0	-3.80	-954.95	-0.29	5.09	-46.07	-2.723e+04
12	4	2.489e+04	0.0	-0.03	-1569.48	0.0	-127.76	698.93	-0.54	22.26	0.0	0.0
		-1.373e+04	-86.25	-7.20e-04	0.0	80.0	-127.76	-85.81	-0.54	22.26	-43.12	2.452e+04
						160.0	-127.76	-870.55	-0.54	22.26	-86.25	-1.373e+04
12	5	891.28	0.0	-9.68e-04	-99.60	0.0	-1.62	33.39	-0.21	-6.93	0.0	0.0
		-2625.89	-33.40	6.84e-05	0.0	80.0	-1.62	-16.41	-0.21	-6.93	-16.70	679.06
						160.0	-1.62	-66.21	-0.21	-6.93	-33.40	-2625.89
12	9	1.588e+04	0.0	-9.80e-03	-129.48	0.0	-179.20	163.99	-0.65	15.19	0.0	0.0
		0.0	-104.62	-1.17e-03	0.0	80.0	-179.20	99.25	-0.65	15.19	-52.31	1.053e+04
						160.0	-179.20	34.51	-0.65	15.19	-104.62	1.588e+04
12	11	2.235e+04	0.0	-0.02	-1137.48	0.0	-180.37	563.77	-0.65	25.29	0.0	0.0
		-795.89	-103.81	-1.12e-03	0.0	80.0	-180.37	-4.97	-0.65	25.29	-51.91	2.235e+04
						160.0	-180.37	-573.71	-0.65	25.29	-103.81	-795.89
12	12	1.667e+04	0.0	-9.54e-03	-99.60	0.0	-178.70	153.96	-0.57	17.59	0.0	0.0
		0.0	-90.80	-1.21e-03	0.0	80.0	-178.70	104.16	-0.57	17.59	-45.40	1.032e+04
						160.0	-178.70	54.36	-0.57	17.59	-90.80	1.667e+04
12	15	891.59	0.0	-9.67e-04	-99.60	0.0	-1.63	33.39	-0.22	-7.07	0.0	0.0
		-2624.91	-35.06	7.44e-05	0.0	80.0	-1.63	-16.41	-0.22	-7.07	-17.53	679.55
						160.0	-1.63	-66.21	-0.22	-7.07	-35.06	-2624.91
12	17	1.293e+04	0.0	-0.01	-1059.60	0.0	-2.75	414.14	-0.21	2.54	0.0	0.0
		-1.851e+04	-34.29	1.21e-04	0.0	80.0	-2.75	-115.66	-0.21	2.54	-17.14	1.194e+04
						160.0	-2.75	-645.46	-0.21	2.54	-34.29	-1.851e+04
12	18	1.670e+04	0.0	-0.02	-1059.60	0.0	-85.38	470.40	-0.38	13.99	0.0	0.0
		-9503.85	-61.07	-4.74e-04	0.0	80.0	-85.38	-59.40	-0.38	13.99	-30.54	1.644e+04
						160.0	-85.38	-589.20	-0.38	13.99	-61.07	-9503.85
12	19	1.024e+04	0.0	-6.65e-03	-99.60	0.0	-119.68	113.77	-0.46	9.28	0.0	0.0
		0.0	-73.32	-7.76e-04	0.0	80.0	-119.68	63.97	-0.46	9.28	-36.66	7109.88
						160.0	-119.68	14.17	-0.46	9.28	-73.32	1.024e+04
12	21	1.499e+04	0.0	-0.02	-771.60	0.0	-120.46	380.29	-0.45	16.01	0.0	0.0
		-881.23	-72.78	-7.43e-04	0.0	80.0	-120.46	-5.51	-0.45	16.01	-36.39	1.499e+04
						160.0	-120.46	-391.31	-0.45	16.01	-72.78	-881.23
12	22	891.59	0.0	-9.67e-04	-99.60	0.0	-1.63	33.39	-0.22	-7.07	0.0	0.0
		-2624.91	-35.06	7.44e-05	0.0	80.0	-1.63	-16.41	-0.22	-7.07	-17.53	679.55
						160.0	-1.63	-66.21	-0.22	-7.07	-35.06	-2624.91
12	24	6905.40	0.0	-7.60e-03	-579.60	0.0	-2.19	223.76	-0.22	-2.26	0.0	0.0
		-1.057e+04	-34.67	9.75e-05	0.0	80.0	-2.19	-66.04	-0.22	-2.26	-17.34	6309.19
						160.0	-2.19	-355.84	-0.22	-2.26	-34.67	-1.057e+04
12	25	1.017e+04	0.0	-0.01	-579.60	0.0	-73.02	271.99	-0.36	7.55	0.0	0.0
		-2849.22	-57.63	-4.13e-04	0.0	80.0	-73.02	-17.81	-0.36	7.55	-28.81	1.017e+04
						160.0	-73.02	-307.61	-0.36	7.55	-57.63	-2849.22
12	26	6451.86	0.0	-4.93e-03	-99.60	0.0	-84.26	89.66	-0.39	4.37	0.0	0.0
		0.0	-61.84	-5.21e-04	0.0	80.0	-84.26	39.86	-0.39	4.37	-30.92	5180.78
						160.0	-84.26	-9.94	-0.39	4.37	-61.84	6377.55
12	28	8558.57	0.0	-8.88e-03	-387.60	0.0	-84.60	203.88	-0.39	7.26	0.0	0.0
		0.0	-61.61	-5.07e-04	0.0	80.0	-84.60	10.08	-0.39	7.26	-30.81	8558.57
						160.0	-84.60	-183.72	-0.39	7.26	-61.61	1613.13
12	29	891.59	0.0	-9.67e-04	-99.60	0.0	-1.63	33.39	-0.22	-7.07	0.0	0.0
		-2624.91	-35.06	7.44e-05	0.0	80.0	-1.63	-16.41	-0.22	-7.07	-17.53	679.55
						160.0	-1.63	-66.21	-0.22	-7.07	-35.06	-2624.91
12	30	5350.71	0.0	-4.35e-03	-99.60	0.0	-72.46	81.62	-0.36	2.74	0.0	0.0
		0.0	-58.02	-4.36e-04	0.0	80.0	-72.46	31.82	-0.36	2.74	-29.01	4537.74
						160.0	-72.46	-17.98	-0.36	2.74	-58.02	5091.49
12	31	4496.50	0.0	-4.94e-03	-387.60	0.0	-1.96	147.62	-0.22	-4.19	0.0	0.0
		-7389.33	-34.83	8.82e-05	0.0	80.0	-1.96	-46.18	-0.22	-4.19	-17.41	4057.33
						160.0	-1.96	-239.98	-0.22	-4.19	-34.83	-7389.33

12	32	7915.53	0.0	-8.32e-03	-387.60	0.0	-72.79	195.84	-0.36	5.62	0.0	0.0
		0.0	-57.78	-4.22e-04	0.0	80.0	-72.79	2.04	-0.36	5.62	-28.89	7915.53
						160.0	-72.79	-191.76	-0.36	5.62	-57.78	327.07
13	3	1.548e+04	0.0	-0.02	-1471.39	0.0	-10.92	920.25	0.24	-19.46	-36.36	-2.768e+04
		-2.768e+04	-36.36	-3.96e-05	0.0	75.0	-10.92	184.55	0.24	-19.46	-18.18	1.375e+04
						150.0	-10.92	-551.14	0.24	-19.46	0.0	0.0
13	7	1.539e+04	0.0	-0.02	-1443.38	0.0	-7.71	899.17	0.24	-12.31	-35.96	-2.662e+04
		-2.662e+04	-35.96	-3.67e-05	0.0	75.0	-7.71	177.48	0.24	-12.31	-17.98	1.375e+04
						150.0	-7.71	-544.21	0.24	-12.31	0.0	0.0
13	9	0.0	810.96	-0.02	-121.39	0.0	-1010.71	252.61	-5.41	3.27	810.96	-2.879e+04
		-2.879e+04	0.0	5.64e-04	0.0	75.0	-1010.71	191.92	-5.41	3.27	405.48	-1.212e+04
						150.0	-1010.71	131.22	-5.41	3.27	0.0	0.0
13	11	3759.29	779.08	-0.02	-1066.39	0.0	-1008.61	832.84	-5.19	-0.51	779.08	-4.495e+04
		-4.495e+04	0.0	5.36e-04	0.0	75.0	-1008.61	299.65	-5.19	-0.51	389.54	-2478.80
						150.0	-1008.61	-233.55	-5.19	-0.51	0.0	0.0
13	12	0.0	811.36	-0.02	-93.38	0.0	-1007.50	231.53	-5.41	10.42	811.36	-2.773e+04
		-2.773e+04	0.0	5.67e-04	0.0	75.0	-1007.50	184.85	-5.41	10.42	405.68	-1.211e+04
						150.0	-1007.50	138.16	-5.41	10.42	0.0	0.0
13	17	1.036e+04	0.0	-0.01	-993.38	0.0	-8.71	622.87	0.15	-12.72	-22.20	-1.893e+04
		-1.893e+04	-22.20	-2.51e-05	0.0	75.0	-8.71	126.18	0.15	-12.72	-11.10	9162.32
						150.0	-8.71	-370.51	0.15	-12.72	0.0	0.0
13	19	0.0	542.68	-0.01	-93.38	0.0	-675.23	177.78	-3.62	2.43	542.68	-1.966e+04
		-1.966e+04	0.0	3.78e-04	0.0	75.0	-675.23	131.09	-3.62	2.43	271.34	-8080.96
						150.0	-675.23	84.40	-3.62	2.43	0.0	0.0
13	21	2563.33	521.43	-0.01	-723.38	0.0	-673.83	564.60	-3.48	-0.08	521.43	-3.044e+04
		-3.044e+04	0.0	3.59e-04	0.0	75.0	-673.83	202.91	-3.48	-0.08	260.71	-1654.97
						150.0	-673.83	-158.78	-3.48	-0.08	0.0	0.0
13	24	5339.55	0.0	-9.29e-03	-543.38	0.0	-9.71	346.57	0.05	-10.92	-7.02	-1.123e+04
		-1.123e+04	-7.02	-1.17e-05	0.0	75.0	-9.71	74.88	0.05	-10.92	-3.51	4572.33
						150.0	-9.71	-196.81	0.05	-10.92	0.0	0.0
13	25	2414.25	313.69	-0.01	-543.38	0.0	-408.42	411.07	-2.09	-3.99	313.69	-2.091e+04
		-2.091e+04	0.0	2.14e-04	0.0	75.0	-408.42	139.39	-2.09	-3.99	156.85	-265.65
						150.0	-408.42	-132.30	-2.09	-3.99	0.0	0.0
13	26	0.0	382.32	-0.01	-93.38	0.0	-475.88	145.52	-2.55	-1.03	382.32	-1.483e+04
		-1.483e+04	0.0	2.65e-04	0.0	75.0	-475.88	98.84	-2.55	-1.03	191.16	-5661.97
						150.0	-475.88	52.15	-2.55	-1.03	0.0	0.0
13	30	0.0	328.87	-0.01	-93.38	0.0	-409.42	134.77	-2.19	-2.19	328.87	-1.321e+04
		-1.321e+04	0.0	2.27e-04	0.0	75.0	-409.42	88.09	-2.19	-2.19	164.44	-4855.64
						150.0	-409.42	41.40	-2.19	-2.19	0.0	0.0
13	31	3329.74	0.0	-7.71e-03	-363.38	0.0	-10.11	236.05	6.32e-03	-10.20	-0.95	-8153.90
		-8153.90	-0.95	-6.42e-06	0.0	75.0	-10.11	54.36	6.32e-03	-10.20	-0.47	2736.33
						150.0	-10.11	-127.33	6.32e-03	-10.20	0.0	0.0
13	32	808.75	319.76	-0.01	-363.38	0.0	-408.82	300.55	-2.13	-3.27	319.76	-1.783e+04
		-1.783e+04	0.0	2.19e-04	0.0	75.0	-408.82	118.87	-2.13	-3.27	159.88	-2101.64
						150.0	-408.82	-62.82	-2.13	-3.27	0.0	0.0
16	3	95.87	28.03	-1.95e-03	-10.77	0.0	-14.57	4.90	-0.39	6.13	28.03	-56.63
		-123.10	-24.83	2.92e-03	0.0	68.5	-14.57	-0.49	-0.39	6.13	1.60	94.60
						137.0	-14.57	-5.87	-0.39	6.13	-24.83	-123.10
16	9	231.72	2.919e+04	-1.81e-03	-10.77	0.0	329.10	2.51	-392.30	1238.31	2.919e+04	191.76
		-201.76	-3443.45	0.96	308.25	68.5	329.10	-2.87	-238.17	1238.31	7592.52	179.46
						137.0	329.10	-8.26	-84.05	1238.31	-3443.45	-201.76
16	11	230.46	2.919e+04	-1.91e-03	-10.77	0.0	326.18	2.56	-392.35	1239.05	2.919e+04	188.76
		-197.83	-3448.51	0.96	308.25	68.5	326.18	-2.82	-238.22	1239.05	7590.91	179.92
						137.0	326.18	-8.21	-84.10	1239.05	-3448.51	-197.83
16	12	220.25	2.918e+04	-1.44e-03	-8.29	0.0	331.96	1.39	-392.22	1237.15	2.918e+04	204.61
		-173.17	-3439.43	0.96	308.25	68.5	331.96	-2.76	-238.10	1237.15	7591.41	157.61
						137.0	331.96	-6.90	-83.97	1237.15	-3439.43	-173.17
16	17	73.72	21.13	-1.45e-03	-8.29	0.0	-10.58	3.76	-0.29	4.61	21.13	-42.78
		-95.75	-18.38	2.15e-03	0.0	68.5	-10.58	-0.39	-0.29	4.61	1.38	72.63
						137.0	-10.58	-4.53	-0.29	4.61	-18.38	-95.75
16	19	161.48	1.946e+04	-1.34e-03	-8.29	0.0	218.54	2.16	-261.56	826.06	1.946e+04	122.81
		-148.19	-2297.46	0.64	205.50	68.5	218.54	-1.98	-158.81	826.06	5061.99	129.20
						137.0	218.54	-6.12	-56.06	826.06	-2297.46	-148.19
16	21	160.63	1.946e+04	-1.42e-03	-8.29	0.0	216.59	2.20	-261.60	826.56	1.946e+04	120.81
		-145.57	-2300.83	0.64	205.50	68.5	216.59	-1.94	-158.85	826.56	5060.91	129.51
						137.0	216.59	-6.09	-56.10	826.56	-2300.83	-145.57
16	24	73.70	20.26	-1.37e-03	-8.29	0.0	-9.18	3.73	-0.26	4.25	20.26	-41.35
		-97.63	-15.97	1.83e-03	0.0	68.5	-9.18	-0.41	-0.26	4.25	2.14	72.40
						137.0	-9.18	-4.55	-0.26	4.25	-15.97	-97.63
16	26	131.06	1.363e+04	-1.29e-03	-8.29	0.0	150.64	2.63	-183.17	579.41	1.363e+04	73.99
		-133.59	-1612.29	0.45	143.85	68.5	150.64	-1.52	-111.24	579.41	3544.27	112.10

						137.0	150.64	-5.66	-39.32	579.41	-1612.29	-133.59
16	28	130.82	1.363e+04	-1.33e-03	-8.29	0.0	149.80	2.64	-183.18	579.63	1.363e+04	73.13
		-132.46	-1613.73	0.45	143.85	68.5	149.80	-1.50	-111.26	579.63	3543.81	112.23
						137.0	149.80	-5.64	-39.33	579.63	-1613.73	-132.46
16	30	121.40	1.168e+04	-1.28e-03	-8.29	0.0	128.01	2.78	-157.03	497.20	1.168e+04	57.72
		-128.72	-1383.90	0.38	123.30	68.5	128.01	-1.36	-95.38	497.20	3038.36	106.39
						137.0	128.01	-5.50	-33.73	497.20	-1383.90	-128.72
16	31	73.70	19.91	-1.33e-03	-8.29	0.0	-8.63	3.72	-0.25	4.11	19.91	-40.78
		-98.37	-15.00	1.70e-03	0.0	68.5	-8.63	-0.42	-0.25	4.11	2.45	72.32
						137.0	-8.63	-4.56	-0.25	4.11	-15.00	-98.37
16	32	121.16	1.168e+04	-1.31e-03	-8.29	0.0	127.17	2.80	-157.05	497.41	1.168e+04	56.86
		-127.59	-1385.34	0.38	123.30	68.5	127.17	-1.35	-95.40	497.41	3037.90	106.53
						137.0	127.17	-5.49	-33.75	497.41	-1385.34	-127.59
17	3	63.35	-11.39	-1.10e-03	-10.77	0.0	-33.48	5.58	-0.04	2.56	-11.39	-134.48
		-134.48	-16.74	1.85e-03	0.0	68.5	-33.48	0.20	-0.04	2.56	-14.06	63.35
						137.0	-33.48	-5.19	-0.04	2.56	-16.74	-107.74
17	9	45.63	2572.00	-5.81e-04	-10.77	0.0	218.37	6.82	-206.34	1214.52	2572.00	-249.75
		-249.75	-6882.81	0.95	308.25	68.5	218.37	1.43	-52.22	1214.52	-6283.77	32.67
						137.0	218.37	-3.96	101.91	1214.52	-4581.97	-53.84
17	11	46.56	2569.44	-6.57e-04	-10.77	0.0	212.03	6.80	-206.35	1214.94	2569.44	-247.28
		-247.28	-6885.65	0.96	308.25	68.5	212.03	1.41	-52.22	1214.94	-6286.53	33.91
						137.0	212.03	-3.97	101.90	1214.94	-4584.94	-53.83
17	12	32.94	2573.72	-2.80e-04	-8.29	0.0	226.99	5.49	-206.33	1214.06	2573.72	-215.66
		-215.66	-6880.25	0.95	308.25	68.5	226.99	1.34	-52.21	1214.06	-6281.43	18.35
						137.0	226.99	-2.80	101.92	1214.06	-4579.03	-31.42
17	17	48.51	-8.42	-8.09e-04	-8.29	0.0	-23.53	4.28	-0.03	1.90	-8.42	-102.84
		-102.84	-12.41	1.37e-03	0.0	68.5	-23.53	0.14	-0.03	1.90	-10.41	48.51
						137.0	-23.53	-4.00	-0.03	1.90	-12.41	-83.94
17	19	35.64	1713.84	-4.56e-04	-8.29	0.0	144.37	5.10	-137.57	809.88	1713.84	-179.68
		-179.68	-4589.66	0.64	205.50	68.5	144.37	0.96	-34.82	809.88	-4190.22	28.05
						137.0	144.37	-3.18	67.93	809.88	-3055.90	-48.01
17	21	36.26	1712.14	-5.06e-04	-8.29	0.0	140.14	5.09	-137.57	810.16	1712.14	-178.03
		-178.03	-4591.55	0.64	205.50	68.5	140.14	0.95	-34.82	810.16	-4192.06	28.88
						137.0	140.14	-3.19	67.93	810.16	-3057.88	-48.00
17	24	47.91	-7.20	-7.76e-04	-8.29	0.0	-20.51	4.29	-0.03	1.70	-7.20	-104.01
		-104.01	-11.00	1.18e-03	0.0	68.5	-20.51	0.15	-0.03	1.70	-9.10	47.91
						137.0	-20.51	-4.00	-0.03	1.70	-11.00	-83.94
17	26	37.77	1197.90	-5.36e-04	-8.29	0.0	95.81	4.86	-96.30	567.36	1197.90	-157.34
		-157.34	-3215.30	0.45	143.85	68.5	95.81	0.72	-24.38	567.36	-2935.49	33.83
						137.0	95.81	-3.42	47.55	567.36	-2142.01	-58.79
17	28	38.08	1197.17	-5.58e-04	-8.29	0.0	94.00	4.86	-96.30	567.49	1197.17	-156.63
		-156.63	-3216.11	0.45	143.85	68.5	94.00	0.71	-24.38	567.49	-2936.28	34.19
						137.0	94.00	-3.43	47.55	567.49	-2142.86	-58.79
17	30	39.01	1025.91	-5.65e-04	-8.29	0.0	79.63	4.78	-82.55	486.53	1025.91	-149.89
		-149.89	-2757.18	0.38	123.30	68.5	79.63	0.64	-20.90	486.53	-2517.24	35.76
						137.0	79.63	-3.50	40.75	486.53	-1837.38	-62.38
17	31	47.68	-6.71	-7.62e-04	-8.29	0.0	-19.30	4.29	-0.03	1.62	-6.71	-104.49
		-104.49	-10.43	1.10e-03	0.0	68.5	-19.30	0.15	-0.03	1.62	-8.57	47.68
						137.0	-19.30	-3.99	-0.03	1.62	-10.43	-83.94
17	32	39.32	1025.18	-5.85e-04	-8.29	0.0	77.82	4.78	-82.55	486.65	1025.18	-149.18
		-149.18	-2757.99	0.38	123.30	68.5	77.82	0.63	-20.90	486.65	-2518.03	36.11
						137.0	77.82	-3.51	40.75	486.65	-1838.23	-62.38
18	1	1237.90	0.0	-1.39e-03	-129.48	0.0	0.39	44.91	-0.28	3.61	0.0	0.0
		-3172.94	-44.64	6.88e-05	0.0	80.0	0.39	-19.83	-0.28	3.61	-22.32	1003.13
						160.0	0.39	-84.57	-0.28	3.61	-44.64	-3172.94
18	3	1.934e+04	0.0	-0.02	-1569.48	0.0	-1.71	616.66	-0.25	4.45	0.0	0.0
		-2.689e+04	-40.18	1.12e-04	0.0	80.0	-1.71	-168.08	-0.25	4.45	-20.09	1.794e+04
						160.0	-1.71	-952.82	-0.25	4.45	-40.18	-2.689e+04
18	4	2.475e+04	217.75	-0.03	-1569.48	0.0	52.40	696.88	1.36	4.11	0.0	0.0
		-1.406e+04	0.0	-7.33e-04	0.0	80.0	52.40	-87.86	1.36	4.11	108.87	2.436e+04
						160.0	52.40	-872.60	1.36	4.11	217.75	-1.406e+04
18	7	1.903e+04	0.0	-0.02	-1539.60	0.0	-1.76	605.91	-0.17	1.90	0.0	0.0
		-2.622e+04	-27.93	8.95e-05	0.0	80.0	-1.76	-163.89	-0.17	1.90	-13.96	1.768e+04
						160.0	-1.76	-933.69	-0.17	1.90	-27.93	-2.622e+04
18	9	1.516e+04	323.84	-9.66e-03	-129.48	0.0	77.69	159.51	2.02	3.12	0.0	0.0
		0.0	0.0	-1.14e-03	0.0	80.0	77.69	94.77	2.02	3.12	161.92	1.017e+04
						160.0	77.69	30.03	2.02	3.12	323.84	1.516e+04
18	14	2.177e+04	339.21	-0.02	-1107.60	0.0	76.17	548.98	2.12	1.16	0.0	0.0
		-770.94	0.0	-1.13e-03	0.0	80.0	76.17	-4.82	2.12	1.16	169.61	2.177e+04
						160.0	76.17	-558.62	2.12	1.16	339.21	-770.94
18	15	942.14	0.0	-1.05e-03	-99.60	0.0	0.32	34.38	-0.21	2.03	0.0	0.0

		-2467.62	-33.49	5.00e-05	0.0	80.0	0.32	-15.42	-0.21	2.03	-16.74	758.19
						160.0	0.32	-65.22	-0.21	2.03	-33.49	-2467.62
18	17	1.301e+04	0.0	-0.01	-1059.60	0.0	-1.08	415.54	-0.19	2.59	0.0	0.0
		-1.828e+04	-30.52	7.83e-05	0.0	80.0	-1.08	-114.26	-0.19	2.59	-15.26	1.205e+04
						160.0	-1.08	-644.06	-0.19	2.59	-30.52	-1.828e+04
18	18	1.661e+04	141.44	-0.02	-1059.60	0.0	34.99	469.02	0.88	2.36	0.0	0.0
		-9724.33	0.0	-4.85e-04	0.0	80.0	34.99	-60.78	0.88	2.36	70.72	1.633e+04
						160.0	34.99	-590.58	0.88	2.36	141.44	-9724.33
18	19	9756.16	212.16	-6.56e-03	-99.60	0.0	51.85	110.78	1.33	1.71	0.0	0.0
		0.0	0.0	-7.57e-04	0.0	80.0	51.85	60.98	1.33	1.71	106.08	6870.08
						160.0	51.85	11.18	1.33	1.71	212.16	9756.16
18	21	1.478e+04	214.24	-0.02	-771.60	0.0	50.87	377.59	1.34	2.10	0.0	0.0
		-1313.19	0.0	-7.35e-04	0.0	80.0	50.87	-8.21	1.34	2.10	107.12	1.478e+04
						160.0	50.87	-394.01	1.34	2.10	214.24	-1313.19
18	22	942.14	0.0	-1.05e-03	-99.60	0.0	0.32	34.38	-0.21	2.03	0.0	0.0
		-2467.62	-33.49	5.00e-05	0.0	80.0	0.32	-15.42	-0.21	2.03	-16.74	758.19
						160.0	0.32	-65.22	-0.21	2.03	-33.49	-2467.62
18	24	6977.14	0.0	-7.75e-03	-579.60	0.0	-0.38	224.96	-0.20	2.31	0.0	0.0
		-1.037e+04	-32.00	6.34e-05	0.0	80.0	-0.38	-64.84	-0.20	2.31	-16.00	6404.85
						160.0	-0.38	-354.64	-0.20	2.31	-32.00	-1.037e+04
18	25	1.008e+04	115.39	-0.01	-579.60	0.0	30.54	270.80	0.72	2.12	0.0	0.0
		-3040.03	0.0	-4.20e-04	0.0	80.0	30.54	-19.00	0.72	2.12	57.69	1.007e+04
						160.0	30.54	-308.80	0.72	2.12	115.39	-3040.03
18	26	6199.40	138.47	-4.89e-03	-99.60	0.0	36.39	87.86	0.87	1.80	0.0	0.0
		0.0	0.0	-5.15e-04	0.0	80.0	36.39	38.06	0.87	1.80	69.23	5036.51
						160.0	36.39	-11.74	0.87	1.80	138.47	6089.02
18	28	8424.51	139.36	-8.87e-03	-387.60	0.0	35.97	202.21	0.87	1.97	0.0	0.0
		0.0	0.0	-5.06e-04	0.0	80.0	35.97	8.41	0.87	1.97	69.68	8424.51
						160.0	35.97	-185.39	0.87	1.97	139.36	1345.02
18	29	942.14	0.0	-1.05e-03	-99.60	0.0	0.32	34.38	-0.21	2.03	0.0	0.0
		-2467.62	-33.49	5.00e-05	0.0	80.0	0.32	-15.42	-0.21	2.03	-16.74	758.19
						160.0	0.32	-65.22	-0.21	2.03	-33.49	-2467.62
18	30	5168.03	113.90	-4.33e-03	-99.60	0.0	31.24	80.22	0.71	1.84	0.0	0.0
		0.0	0.0	-4.35e-04	0.0	80.0	31.24	30.42	0.71	1.84	56.95	4425.32
						160.0	31.24	-19.38	0.71	1.84	113.90	4866.65
18	31	4563.14	0.0	-5.07e-03	-387.60	0.0	-0.10	148.73	-0.20	2.20	0.0	0.0
		-7211.62	-32.60	5.78e-05	0.0	80.0	-0.10	-45.07	-0.20	2.20	-16.30	4146.19
						160.0	-0.10	-238.87	-0.20	2.20	-32.60	-7211.62
18	32	7813.32	114.80	-8.33e-03	-387.60	0.0	30.82	194.57	0.72	2.00	0.0	0.0
		0.0	0.0	-4.26e-04	0.0	80.0	30.82	0.77	0.72	2.00	57.40	7813.32
						160.0	30.82	-193.03	0.72	2.00	114.80	122.64
19	3	1.570e+04	0.0	-0.02	-1471.39	0.0	-5.76	916.40	0.08	-2.22	-11.45	-2.711e+04
		-2.711e+04	-11.45	-2.26e-05	0.0	75.0	-5.76	180.70	0.08	-2.22	-5.73	1.404e+04
						150.0	-5.76	-554.99	0.08	-2.22	0.0	0.0
19	4	1.023e+04	158.35	-0.02	-1471.39	0.0	-515.95	1023.16	-1.06	-21.97	158.35	-4.312e+04
		-4.312e+04	0.0	2.32e-04	0.0	75.0	-515.95	287.46	-1.06	-21.97	79.18	6028.89
						150.0	-515.95	-448.23	-1.06	-21.97	0.0	0.0
19	7	1.551e+04	0.0	-0.02	-1443.38	0.0	-4.43	897.00	0.10	-0.91	-14.97	-2.630e+04
		-2.630e+04	-14.97	-2.13e-05	0.0	75.0	-4.43	175.31	0.10	-0.91	-7.48	1.391e+04
						150.0	-4.43	-546.38	0.10	-0.91	0.0	0.0
19	9	0.0	264.21	-0.02	-121.39	0.0	-736.09	239.85	-1.76	-33.90	264.21	-2.687e+04
		-2.687e+04	0.0	3.65e-04	0.0	75.0	-736.09	179.15	-1.76	-33.90	132.10	-1.116e+04
						150.0	-736.09	118.46	-1.76	-33.90	0.0	0.0
19	17	1.051e+04	0.0	-0.01	-993.38	0.0	-4.73	620.22	0.03	-2.07	-4.77	-1.853e+04
		-1.853e+04	-4.77	-1.41e-05	0.0	75.0	-4.73	123.53	0.03	-2.07	-2.39	9361.03
						150.0	-4.73	-373.16	0.03	-2.07	0.0	0.0
19	18	6879.85	108.43	-0.01	-993.38	0.0	-344.86	691.39	-0.72	-15.23	108.43	-2.921e+04
		-2.921e+04	0.0	1.56e-04	0.0	75.0	-344.86	194.70	-0.72	-15.23	54.21	4023.09
						150.0	-344.86	-301.98	-0.72	-15.23	0.0	0.0
19	19	0.0	179.00	-0.01	-93.38	0.0	-491.62	169.18	-1.19	-23.19	179.00	-1.837e+04
		-1.837e+04	0.0	2.45e-04	0.0	75.0	-491.62	122.50	-1.19	-23.19	89.50	-7436.50
						150.0	-491.62	75.81	-1.19	-23.19	0.0	0.0
19	24	5491.61	6.25	-8.53e-03	-543.38	0.0	-5.23	343.86	-0.04	-3.23	6.25	-1.083e+04
		-1.083e+04	0.0	-6.00e-06	0.0	75.0	-5.23	72.18	-0.04	-3.23	3.13	4775.08
						150.0	-5.23	-199.51	-0.04	-3.23	0.0	0.0
19	25	2646.92	103.28	-8.94e-03	-543.38	0.0	-296.76	404.87	-0.69	-14.51	103.28	-1.998e+04
		-1.998e+04	0.0	1.39e-04	0.0	75.0	-296.76	133.18	-0.69	-14.51	51.64	199.70
						150.0	-296.76	-138.51	-0.69	-14.51	0.0	0.0
19	26	0.0	130.48	-9.61e-03	-93.38	0.0	-345.85	138.68	-0.87	-17.55	130.48	-1.380e+04
		-1.380e+04	0.0	1.72e-04	0.0	75.0	-345.85	91.99	-0.87	-17.55	65.24	-5148.81
						150.0	-345.85	45.31	-0.87	-17.55	0.0	0.0

19	30	0.0	114.31	-9.05e-03	-93.38	0.0	-297.26	128.51	-0.76	-15.67	114.31	-1.227e+04
		-1.227e+04	0.0	1.48e-04	0.0	75.0	-297.26	81.83	-0.76	-15.67	57.16	-4386.25
						150.0	-297.26	35.14	-0.76	-15.67	0.0	0.0
19	31	3483.02	10.66	-6.84e-03	-363.38	0.0	-5.43	233.32	-0.07	-3.69	10.66	-7745.16
		-7745.16	0.0	-5.52e-06	0.0	75.0	-5.43	51.63	-0.07	-3.69	5.33	2940.70
						150.0	-5.43	-130.05	-0.07	-3.69	0.0	0.0
19	32	983.86	107.70	-8.90e-03	-363.38	0.0	-296.96	294.33	-0.72	-14.97	107.70	-1.690e+04
		-1.690e+04	0.0	1.43e-04	0.0	75.0	-296.96	112.64	-0.72	-14.97	53.85	-1634.68
						150.0	-296.96	-69.05	-0.72	-14.97	0.0	0.0
24	3	1.925e+04	0.0	-0.02	-1569.48	0.0	-1.90	615.03	-0.12	-16.49	0.0	0.0
		-2.715e+04	-19.22	4.91e-05	0.0	80.0	-1.90	-169.71	-0.12	-16.49	-9.61	1.781e+04
						160.0	-1.90	-954.45	-0.12	-16.49	-19.22	-2.715e+04
24	4	2.464e+04	0.0	-0.03	-1569.48	0.0	145.16	695.38	-1.46	-19.75	0.0	0.0
		-1.430e+04	-234.12	-8.33e-04	0.0	80.0	145.16	-89.36	-1.46	-19.75	-117.06	2.424e+04
						160.0	145.16	-874.10	-1.46	-19.75	-234.12	-1.430e+04
24	5	891.77	0.0	-9.64e-04	-99.60	0.0	0.22	33.40	-0.11	-8.19	0.0	0.0
		-2624.33	-16.85	2.05e-05	0.0	80.0	0.22	-16.40	-0.11	-8.19	-8.43	679.84
						160.0	0.22	-66.20	-0.11	-8.19	-16.85	-2624.33
24	7	1.898e+04	0.0	-0.02	-1539.60	0.0	-1.95	605.00	-0.08	-10.49	0.0	0.0
		-2.637e+04	-12.95	4.02e-05	0.0	80.0	-1.95	-164.80	-0.08	-10.49	-6.47	1.761e+04
						160.0	-1.95	-934.60	-0.08	-10.49	-12.95	-2.637e+04
24	9	1.496e+04	0.0	-9.50e-03	-129.48	0.0	210.35	158.22	-2.06	-18.85	0.0	0.0
		0.0	-330.12	-1.23e-03	0.0	80.0	210.35	93.48	-2.06	-18.85	-165.06	1.007e+04
						160.0	210.35	28.74	-2.06	-18.85	-330.12	1.496e+04
24	15	892.09	0.0	-9.62e-04	-99.60	0.0	0.21	33.40	-0.11	-9.73	0.0	0.0
		-2623.32	-17.38	2.16e-05	0.0	80.0	0.21	-16.40	-0.11	-9.73	-8.69	680.34
						160.0	0.21	-66.20	-0.11	-9.73	-17.38	-2623.32
24	17	1.295e+04	0.0	-0.01	-1059.60	0.0	-1.23	414.47	-0.09	-11.27	0.0	0.0
		-1.845e+04	-14.78	3.42e-05	0.0	80.0	-1.23	-115.33	-0.09	-11.27	-7.39	1.197e+04
						160.0	-1.23	-645.13	-0.09	-11.27	-14.78	-1.845e+04
24	18	1.654e+04	0.0	-0.02	-1059.60	0.0	96.81	468.04	-0.99	-13.44	0.0	0.0
		-9881.99	-158.04	-5.54e-04	0.0	80.0	96.81	-61.76	-0.99	-13.44	-79.02	1.625e+04
						160.0	96.81	-591.56	-0.99	-13.44	-158.04	-9881.99
24	19	9620.58	0.0	-6.46e-03	-99.60	0.0	140.27	109.93	-1.39	-12.84	0.0	0.0
		0.0	-222.05	-8.21e-04	0.0	80.0	140.27	60.13	-1.39	-12.84	-111.02	6802.29
						160.0	140.27	10.33	-1.39	-12.84	-222.05	9620.58
24	22	892.09	0.0	-9.62e-04	-99.60	0.0	0.21	33.40	-0.11	-9.73	0.0	0.0
		-2623.32	-17.38	2.16e-05	0.0	80.0	0.21	-16.40	-0.11	-9.73	-8.69	680.34
						160.0	0.21	-66.20	-0.11	-9.73	-17.38	-2623.32
24	24	6915.74	0.0	-7.65e-03	-579.60	0.0	-0.51	223.94	-0.10	-10.50	0.0	0.0
		-1.054e+04	-16.08	2.72e-05	0.0	80.0	-0.51	-65.86	-0.10	-10.50	-8.04	6322.99
						160.0	-0.51	-355.66	-0.10	-10.50	-16.08	-1.054e+04
24	25	1.001e+04	0.0	-0.01	-579.60	0.0	83.52	269.85	-0.87	-12.36	0.0	0.0
		-3191.68	-138.88	-4.77e-04	0.0	80.0	83.52	-19.95	-0.87	-12.36	-69.44	9996.16
						160.0	83.52	-309.75	-0.87	-12.36	-138.88	-3191.68
24	26	6075.48	0.0	-4.79e-03	-99.60	0.0	98.25	86.97	-1.00	-11.91	0.0	0.0
		0.0	-160.65	-5.69e-04	0.0	80.0	98.25	37.17	-1.00	-11.91	-80.32	4965.70
						160.0	98.25	-12.63	-1.00	-11.91	-160.65	5947.41
24	29	892.09	0.0	-9.62e-04	-99.60	0.0	0.21	33.40	-0.11	-9.73	0.0	0.0
		-2623.32	-17.38	2.16e-05	0.0	80.0	0.21	-16.40	-0.11	-9.73	-8.69	680.34
						160.0	0.21	-66.20	-0.11	-9.73	-17.38	-2623.32
24	30	5051.33	0.0	-4.23e-03	-99.60	0.0	84.24	79.32	-0.88	-11.60	0.0	0.0
		0.0	-140.18	-4.85e-04	0.0	80.0	84.24	29.52	-0.88	-11.60	-70.09	4353.51
						160.0	84.24	-20.28	-0.88	-11.60	-140.18	4723.02
24	31	4502.95	0.0	-4.96e-03	-387.60	0.0	-0.23	147.72	-0.10	-10.19	0.0	0.0
		-7372.14	-16.60	2.47e-05	0.0	80.0	-0.23	-46.08	-0.10	-10.19	-8.30	4065.93
						160.0	-0.23	-239.88	-0.10	-10.19	-16.60	-7372.14
24	32	7739.10	0.0	-8.23e-03	-387.60	0.0	83.81	193.64	-0.87	-12.06	0.0	0.0
		-25.80	-139.40	-4.80e-04	0.0	80.0	83.81	-0.16	-0.87	-12.06	-69.70	7739.10
						160.0	83.81	-193.96	-0.87	-12.06	-139.40	-25.80
25	3	1.552e+04	0.0	-0.02	-1471.39	0.0	-7.67	919.61	0.01	19.45	-1.55	-2.759e+04
		-2.759e+04	-1.55	-5.63e-06	0.0	75.0	-7.67	183.92	0.01	19.45	-0.78	1.379e+04
						150.0	-7.67	-551.77	0.01	19.45	0.0	0.0
25	4	1.020e+04	655.77	-0.02	-1471.39	0.0	-422.91	1023.99	-4.37	1.07	655.77	-4.324e+04
		-4.324e+04	0.0	1.91e-04	0.0	75.0	-422.91	288.29	-4.37	1.07	327.89	5966.55
						150.0	-422.91	-447.40	-4.37	1.07	0.0	0.0
25	7	1.541e+04	0.0	-0.02	-1443.38	0.0	-5.68	898.82	0.03	11.96	-4.70	-2.657e+04
		-2.657e+04	-4.70	-5.75e-06	0.0	75.0	-5.68	177.13	0.03	11.96	-2.35	1.378e+04
						150.0	-5.68	-544.56	0.03	11.96	0.0	0.0
25	9	0.0	954.32	-0.02	-121.39	0.0	-601.69	239.21	-6.36	-11.88	954.32	-2.678e+04
		-2.678e+04	0.0	2.85e-04	0.0	75.0	-601.69	178.51	-6.36	-11.88	477.16	-1.111e+04

						150.0	-601.69	117.82	-6.36	-11.88	0.0	0.0
25	15	464.81	11.93	-6.64e-03	-93.38	0.0	-6.51	69.31	-0.08	9.25	11.93	-3393.11
		-3393.11	0.0	-3.97e-06	0.0	75.0	-6.51	22.62	-0.08	9.25	5.96	54.23
						150.0	-6.51	-24.07	-0.08	9.25	0.0	0.0
25	17	1.040e+04	0.70	-0.01	-993.38	0.0	-5.97	622.32	-4.66e-03	12.63	0.70	-1.884e+04
		-1.884e+04	0.0	-3.16e-06	0.0	75.0	-5.97	125.63	-4.66e-03	12.63	0.35	9203.66
						150.0	-5.97	-371.06	-4.66e-03	12.63	0.0	0.0
25	18	6856.07	438.92	-0.01	-993.38	0.0	-282.80	691.90	-2.93	0.37	438.92	-2.928e+04
		-2.928e+04	0.0	1.28e-04	0.0	75.0	-282.80	195.21	-2.93	0.37	219.46	3985.05
						150.0	-282.80	-301.48	-2.93	0.37	0.0	0.0
25	19	0.0	637.95	-0.01	-93.38	0.0	-401.99	168.71	-4.25	-8.26	637.95	-1.830e+04
		-1.830e+04	0.0	1.90e-04	0.0	75.0	-401.99	122.02	-4.25	-8.26	318.98	-7400.93
						150.0	-401.99	75.34	-4.25	-8.26	0.0	0.0
25	22	464.81	11.93	-6.64e-03	-93.38	0.0	-6.51	69.31	-0.08	9.25	11.93	-3393.11
		-3393.11	0.0	-3.97e-06	0.0	75.0	-6.51	22.62	-0.08	9.25	5.96	54.23
						150.0	-6.51	-24.07	-0.08	9.25	0.0	0.0
25	24	5382.01	6.31	-9.13e-03	-543.38	0.0	-6.24	345.81	-0.04	10.94	6.31	-1.112e+04
		-1.112e+04	0.0	-2.64e-06	0.0	75.0	-6.24	74.12	-0.04	10.94	3.16	4628.94
						150.0	-6.24	-197.56	-0.04	10.94	0.0	0.0
25	25	2625.00	381.93	-9.41e-03	-543.38	0.0	-243.52	405.45	-2.55	0.43	381.93	-2.006e+04
		-2.006e+04	0.0	1.12e-04	0.0	75.0	-243.52	133.77	-2.55	0.43	190.96	155.85
						150.0	-243.52	-137.92	-2.55	0.43	0.0	0.0
25	26	0.0	450.14	-9.97e-03	-93.38	0.0	-283.34	138.89	-3.00	-3.01	450.14	-1.383e+04
		-1.383e+04	0.0	1.34e-04	0.0	75.0	-283.34	92.20	-3.00	-3.01	225.07	-5164.38
						150.0	-283.34	45.51	-3.00	-3.01	0.0	0.0
25	29	464.81	11.93	-6.64e-03	-93.38	0.0	-6.51	69.31	-0.08	9.25	11.93	-3393.11
		-3393.11	0.0	-3.97e-06	0.0	75.0	-6.51	22.62	-0.08	9.25	5.96	54.23
						150.0	-6.51	-24.07	-0.08	9.25	0.0	0.0
25	30	0.0	387.54	-9.50e-03	-93.38	0.0	-243.80	128.95	-2.58	-1.25	387.54	-1.234e+04
		-1.234e+04	0.0	1.15e-04	0.0	75.0	-243.80	82.26	-2.58	-1.25	193.77	-4418.87
						150.0	-243.80	35.57	-2.58	-1.25	0.0	0.0
25	31	3376.78	8.56	-7.51e-03	-363.38	0.0	-6.35	235.21	-0.06	10.27	8.56	-8028.45
		-8028.45	0.0	-3.05e-06	0.0	75.0	-6.35	53.52	-0.06	10.27	4.28	2799.06
						150.0	-6.35	-128.16	-0.06	10.27	0.0	0.0
25	32	969.10	384.17	-9.39e-03	-363.38	0.0	-243.63	294.85	-2.56	-0.24	384.17	-1.697e+04
		-1.697e+04	0.0	1.14e-04	0.0	75.0	-243.63	113.16	-2.56	-0.24	192.09	-1674.04
						150.0	-243.63	-68.52	-2.56	-0.24	0.0	0.0
26	1	255.57	9.57	2.39e-04	-43.29	0.0	-1.27	20.67	-7.90e-03	-1.90	9.57	-335.24
		-452.33	8.63	-1.00e-04	0.0	60.0	-1.27	-0.98	-7.90e-03	-1.90	9.10	255.57
						120.0	-1.27	-22.62	-7.90e-03	-1.90	8.63	-452.33
26	3	587.40	5.66	-5.98e-04	-88.29	0.0	-0.63	41.66	-0.03	8.50	5.66	-588.08
		-885.82	1.74	-1.84e-05	0.0	60.0	-0.63	-2.48	-0.03	8.50	3.70	587.40
						120.0	-0.63	-46.63	-0.03	8.50	1.74	-885.82
26	9	1200.63	1084.80	4.85e-04	-43.29	0.0	47.97	12.06	-10.29	440.41	1084.80	1001.16
		-149.01	-149.59	-5.00e-04	0.0	60.0	47.97	-9.58	-10.29	440.41	467.61	1075.42
						120.0	47.97	-31.23	-10.29	440.41	-149.59	-149.01
26	11	1397.17	1082.06	-7.62e-04	-74.79	0.0	48.41	26.76	-10.30	447.69	1082.06	824.18
		-452.46	-154.41	-4.59e-04	0.0	60.0	48.41	-10.64	-10.30	447.69	463.83	1307.71
						120.0	48.41	-48.03	-10.30	447.69	-154.41	-452.46
26	14	1345.48	1079.87	-7.27e-04	-64.80	0.0	48.69	21.98	-10.30	448.08	1079.87	900.80
		-349.24	-156.14	-4.45e-04	0.0	60.0	48.69	-10.42	-10.30	448.08	461.86	1247.78
						120.0	48.69	-42.82	-10.30	448.08	-156.14	-349.24
26	15	196.18	7.37	1.85e-04	-33.30	0.0	-0.98	15.90	-5.20e-03	-1.48	7.37	-258.20
		-348.45	6.75	-7.78e-05	0.0	60.0	-0.98	-0.75	-5.20e-03	-1.48	7.06	196.18
						120.0	-0.98	-17.40	-5.20e-03	-1.48	6.75	-348.45
26	17	417.40	4.76	-4.12e-04	-63.30	0.0	-0.56	29.89	-0.02	5.45	4.76	-426.76
		-637.44	2.16	-2.33e-05	0.0	60.0	-0.56	-1.76	-0.02	5.45	3.46	417.40
						120.0	-0.56	-33.41	-0.02	5.45	2.16	-637.44
26	19	818.56	724.19	3.49e-04	-33.30	0.0	31.84	10.16	-6.86	293.40	724.19	632.73
		-146.24	-98.73	-3.41e-04	0.0	60.0	31.84	-6.49	-6.86	293.40	312.73	742.75
						120.0	31.84	-23.14	-6.86	293.40	-98.73	-146.24
26	21	954.61	722.36	-5.22e-04	-54.30	0.0	32.14	19.96	-6.87	298.25	722.36	514.74
		-348.54	-101.94	-3.14e-04	0.0	60.0	32.14	-7.19	-6.87	298.25	310.21	897.60
						120.0	32.14	-34.34	-6.87	298.25	-101.94	-348.54
26	22	196.18	7.37	1.85e-04	-33.30	0.0	-0.98	15.90	-5.20e-03	-1.48	7.37	-258.20
		-348.45	6.75	-7.78e-05	0.0	60.0	-0.98	-0.75	-5.20e-03	-1.48	7.06	196.18
						120.0	-0.98	-17.40	-5.20e-03	-1.48	6.75	-348.45
26	24	306.79	6.07	-2.58e-04	-48.30	0.0	-0.77	22.90	-0.01	1.99	6.07	-342.48
		-492.95	4.45	-5.05e-05	0.0	60.0	-0.77	-1.25	-0.01	1.99	5.26	306.79
						120.0	-0.77	-25.40	-0.01	1.99	4.45	-492.95
26	26	619.10	509.15	3.00e-04	-33.30	0.0	22.00	11.88	-4.80	204.93	509.15	365.45

		-206.90	-67.09	-2.57e-04	0.0	60.0	22.00	-4.77	-4.80	204.93	221.03	578.78
						120.0	22.00	-21.42	-4.80	204.93	-67.09	-206.90
26	28	681.55	508.36	-3.43e-04	-42.30	0.0	22.12	16.08	-4.81	207.01	508.36	314.89
		-293.60	-68.46	-2.44e-04	0.0	60.0	22.12	-5.07	-4.81	207.01	219.95	645.14
						120.0	22.12	-26.22	-4.81	207.01	-68.46	-293.60
26	29	196.18	7.37	1.85e-04	-33.30	0.0	-0.98	15.90	-5.20e-03	-1.48	7.37	-258.20
		-348.45	6.75	-7.78e-05	0.0	60.0	-0.98	-0.75	-5.20e-03	-1.48	7.06	196.18
						120.0	-0.98	-17.40	-5.20e-03	-1.48	6.75	-348.45
26	30	555.84	437.46	2.83e-04	-33.30	0.0	18.71	12.45	-4.12	175.45	437.46	276.36
		-227.12	-56.54	-2.30e-04	0.0	60.0	18.71	-4.20	-4.12	175.45	190.46	524.12
						120.0	18.71	-20.85	-4.12	175.45	-56.54	-227.12
26	31	262.54	6.59	-1.99e-04	-42.30	0.0	-0.85	20.10	-0.01	0.60	6.59	-308.77
		-435.15	5.37	-6.15e-05	0.0	60.0	-0.85	-1.05	-0.01	0.60	5.98	262.54
						120.0	-0.85	-22.20	-0.01	0.60	5.37	-435.15
26	32	618.28	436.68	-3.22e-04	-42.30	0.0	18.84	16.65	-4.12	177.53	436.68	225.79
		-313.82	-57.92	-2.16e-04	0.0	60.0	18.84	-4.50	-4.12	177.53	189.38	590.49
						120.0	18.84	-25.65	-4.12	177.53	-57.92	-313.82
27	1	221.93	7.94	-1.72e-04	-43.29	0.0	-1.20	21.41	-8.88e-03	-2.22	7.94	-413.24
		-441.61	6.87	3.18e-05	0.0	60.0	-1.20	-0.24	-8.88e-03	-2.22	7.40	221.93
						120.0	-1.20	-21.88	-8.88e-03	-2.22	6.87	-441.61
27	3	470.77	-0.15	-3.53e-04	-88.29	0.0	-0.25	43.71	-3.55e-04	-7.62	-0.15	-827.35
		-879.81	-0.19	-1.20e-05	0.0	60.0	-0.25	-0.44	-3.55e-04	-7.62	-0.17	470.77
						120.0	-0.25	-44.58	-3.55e-04	-7.62	-0.19	-879.81
27	4	378.23	-1256.33	3.15e-04	-88.29	0.0	174.95	43.64	-0.79	-217.86	-1256.33	-915.81
		-976.43	-1350.54	-0.01	0.0	60.0	174.95	-0.51	-0.79	-217.86	-1303.44	378.23
						120.0	174.95	-44.65	-0.79	-217.86	-1350.54	-976.43
27	14	211.83	-1793.79	2.43e-04	-64.80	0.0	250.01	31.98	-1.12	-305.80	-1793.79	-735.20
		-785.15	-1928.65	-0.02	0.0	60.0	250.01	-0.42	-1.12	-305.80	-1861.22	211.83
						120.0	250.01	-32.82	-1.12	-305.80	-1928.65	-785.15
27	15	170.33	6.24	-1.32e-04	-33.30	0.0	-0.93	16.47	-7.66e-03	-1.69	6.24	-318.34
		-340.00	5.32	2.52e-05	0.0	60.0	-0.93	-0.18	-7.66e-03	-1.69	5.78	170.33
						120.0	-0.93	-16.83	-7.66e-03	-1.69	5.32	-340.00
27	17	336.23	0.85	-2.53e-04	-63.30	0.0	-0.30	31.34	-1.98e-03	-5.29	0.85	-594.42
		-632.13	0.61	-4.01e-06	0.0	60.0	-0.30	-0.31	-1.98e-03	-5.29	0.73	336.23
						120.0	-0.30	-31.96	-1.98e-03	-5.29	0.61	-632.13
27	18	274.53	-836.61	2.23e-04	-63.30	0.0	116.50	31.29	-0.53	-145.45	-836.61	-653.39
		-696.54	-899.62	-8.34e-03	0.0	60.0	116.50	-0.36	-0.53	-145.45	-868.11	274.53
						120.0	116.50	-32.01	-0.53	-145.45	-899.62	-696.54
27	21	198.33	-1193.90	1.97e-04	-54.30	0.0	166.37	26.81	-0.75	-204.44	-1193.90	-595.84
		-636.51	-1284.02	-0.01	0.0	60.0	166.37	-0.34	-0.75	-204.44	-1238.96	198.33
						120.0	166.37	-27.49	-0.75	-204.44	-1284.02	-636.51
27	22	170.33	6.24	-1.32e-04	-33.30	0.0	-0.93	16.47	-7.66e-03	-1.69	6.24	-318.34
		-340.00	5.32	2.52e-05	0.0	60.0	-0.93	-0.18	-7.66e-03	-1.69	5.78	170.33
						120.0	-0.93	-16.83	-7.66e-03	-1.69	5.32	-340.00
27	24	253.28	3.54	-1.93e-04	-48.30	0.0	-0.62	23.90	-4.82e-03	-3.49	3.54	-456.38
		-486.06	2.97	1.06e-05	0.0	60.0	-0.62	-0.25	-4.82e-03	-3.49	3.26	253.28
						120.0	-0.62	-24.40	-4.82e-03	-3.49	2.97	-486.06
27	25	200.40	-714.27	1.69e-04	-48.30	0.0	99.50	23.86	-0.45	-123.63	-714.27	-506.93
		-541.27	-768.66	-7.14e-03	0.0	60.0	99.50	-0.29	-0.45	-123.63	-741.47	200.40
						120.0	99.50	-24.44	-0.45	-123.63	-768.66	-541.27
27	28	158.41	-832.83	1.50e-04	-42.30	0.0	116.06	20.88	-0.53	-142.94	-832.83	-460.14
		-492.05	-896.32	-8.32e-03	0.0	60.0	116.06	-0.27	-0.53	-142.94	-864.58	158.41
						120.0	116.06	-21.42	-0.53	-142.94	-896.32	-492.05
27	29	170.33	6.24	-1.32e-04	-33.30	0.0	-0.93	16.47	-7.66e-03	-1.69	6.24	-318.34
		-340.00	5.32	2.52e-05	0.0	60.0	-0.93	-0.18	-7.66e-03	-1.69	5.78	170.33
						120.0	-0.93	-16.83	-7.66e-03	-1.69	5.32	-340.00
27	31	220.10	4.62	-1.68e-04	-42.30	0.0	-0.74	20.93	-5.95e-03	-2.77	4.62	-401.17
		-427.64	3.91	1.64e-05	0.0	60.0	-0.74	-0.22	-5.95e-03	-2.77	4.27	220.10
						120.0	-0.74	-21.37	-5.95e-03	-2.77	3.91	-427.64
27	32	167.22	-713.20	1.48e-04	-42.30	0.0	99.37	20.89	-0.45	-122.91	-713.20	-451.71
		-482.85	-767.72	-7.13e-03	0.0	60.0	99.37	-0.26	-0.45	-122.91	-740.46	167.22
						120.0	99.37	-21.41	-0.45	-122.91	-767.72	-482.85
28	1	248.43	-42.60	2.75e-04	-6.14	0.0	1.15	-42.38	-0.69	29.09	-42.60	248.43
		-569.69	-55.09	0.0	0.0	9.0	1.15	-45.45	-0.69	29.09	-48.85	-146.81
						18.0	1.15	-48.52	-0.69	29.09	-55.09	-569.69
28	3	261.18	-39.76	2.39e-04	-6.14	0.0	3.67	-30.90	-0.68	36.92	-39.76	261.18
		-350.36	-52.01	-1.03e-05	0.0	9.0	3.67	-33.97	-0.68	36.92	-45.88	-30.77
						18.0	3.67	-37.05	-0.68	36.92	-52.01	-350.36
28	9	-423.49	1956.82	9.23e-05	-6.14	0.0	64.89	-31.11	80.76	-1.779e+04	503.15	-423.49
		-1038.83	503.15	-4.62e-03	0.0	9.0	64.89	-34.19	80.76	-1.779e+04	1229.99	-717.34
						18.0	64.89	-37.26	80.76	-1.779e+04	1956.82	-1038.83

28	14	-493.99	1971.64	-6.14e-06	-4.73	0.0	66.74	-11.62	80.93	-1.779e+04	514.88	-493.99
		-745.64	514.88	-4.63e-03	0.0	9.0	66.74	-13.98	80.93	-1.779e+04	1243.26	-609.18
						18.0	66.74	-16.34	80.93	-1.779e+04	1971.64	-745.64
28	15	181.50	-32.81	2.08e-04	-4.73	0.0	1.04	-31.87	-0.53	22.34	-32.81	181.50
		-434.66	-42.40	0.0	0.0	9.0	1.04	-34.23	-0.53	22.34	-37.61	-115.95
						18.0	1.04	-36.59	-0.53	22.34	-42.40	-434.66
28	17	190.00	-30.92	1.83e-04	-4.73	0.0	2.72	-24.22	-0.52	27.56	-30.92	190.00
		-288.44	-40.35	-6.72e-06	0.0	9.0	2.72	-26.58	-0.52	27.56	-35.63	-38.59
						18.0	2.72	-28.94	-0.52	27.56	-40.35	-288.44
28	19	-266.45	1298.87	8.56e-05	-4.73	0.0	43.53	-24.36	53.77	-1.186e+04	331.03	-266.45
		-747.42	331.03	-3.08e-03	0.0	9.0	43.53	-26.72	53.77	-1.186e+04	814.95	-496.30
						18.0	43.53	-29.08	53.77	-1.186e+04	1298.87	-747.42
28	21	-260.50	1300.32	6.87e-05	-4.73	0.0	44.71	-19.00	53.78	-1.185e+04	332.35	-260.50
		-645.07	332.35	-3.09e-03	0.0	9.0	44.71	-21.36	53.78	-1.185e+04	816.33	-442.15
						18.0	44.71	-23.73	53.78	-1.185e+04	1300.32	-645.07
28	22	181.50	-32.81	2.08e-04	-4.73	0.0	1.04	-31.87	-0.53	22.34	-32.81	181.50
		-434.66	-42.40	0.0	0.0	9.0	1.04	-34.23	-0.53	22.34	-37.61	-115.95
						18.0	1.04	-36.59	-0.53	22.34	-42.40	-434.66
28	24	185.75	-31.86	1.95e-04	-4.73	0.0	1.88	-28.04	-0.53	24.95	-31.86	185.75
		-361.55	-41.38	-3.23e-06	0.0	9.0	1.88	-30.41	-0.53	24.95	-36.62	-77.27
						18.0	1.88	-32.77	-0.53	24.95	-41.38	-361.55
28	26	-132.07	896.49	1.22e-04	-4.73	0.0	30.78	-26.61	37.48	-8292.72	221.87	-132.07
		-653.59	221.87	-2.16e-03	0.0	9.0	30.78	-28.97	37.48	-8292.72	559.18	-382.20
						18.0	30.78	-31.34	37.48	-8292.72	896.49	-653.59
28	28	-129.52	897.11	1.15e-04	-4.73	0.0	31.29	-24.32	37.48	-8291.16	222.44	-129.52
		-609.73	222.44	-2.16e-03	0.0	9.0	31.29	-26.68	37.48	-8291.16	559.78	-358.99
						18.0	31.29	-29.04	37.48	-8291.16	897.11	-609.73
28	29	181.50	-32.81	2.08e-04	-4.73	0.0	1.04	-31.87	-0.53	22.34	-32.81	181.50
		-434.66	-42.40	0.0	0.0	9.0	1.04	-34.23	-0.53	22.34	-37.61	-115.95
						18.0	1.04	-36.59	-0.53	22.34	-42.40	-434.66
28	30	-87.27	762.36	1.34e-04	-4.73	0.0	26.53	-27.36	32.05	-7104.85	185.49	-87.27
		-622.32	185.49	-1.85e-03	0.0	9.0	26.53	-29.72	32.05	-7104.85	473.93	-344.16
						18.0	26.53	-32.09	32.05	-7104.85	762.36	-622.32
28	31	184.05	-32.24	2.00e-04	-4.73	0.0	1.54	-29.57	-0.53	23.91	-32.24	184.05
		-390.80	-41.79	-1.84e-06	0.0	9.0	1.54	-31.94	-0.53	23.91	-37.01	-92.74
						18.0	1.54	-34.30	-0.53	23.91	-41.79	-390.80
28	32	-84.72	762.98	1.27e-04	-4.73	0.0	27.04	-25.07	32.05	-7103.29	186.06	-84.72
		-578.45	186.06	-1.85e-03	0.0	9.0	27.04	-27.43	32.05	-7103.29	474.52	-320.95
						18.0	27.04	-29.79	32.05	-7103.29	762.98	-578.45
31	3	1.548e+04	3.83	-0.02	-1471.39	0.0	-7.85	920.33	-0.03	-15.85	3.83	-2.770e+04
		-2.770e+04	0.0	4.20e-06	0.0	75.0	-7.85	184.64	-0.03	-15.85	1.91	1.374e+04
						150.0	-7.85	-551.05	-0.03	-15.85	0.0	0.0
31	4	1.012e+04	1790.01	-0.02	-1471.39	0.0	-429.51	1025.55	-11.93	-30.18	1790.01	-4.348e+04
		-4.348e+04	0.0	-6.27e-04	0.0	75.0	-429.51	289.86	-11.93	-30.18	895.01	5849.37
						150.0	-429.51	-445.84	-11.93	-30.18	0.0	0.0
31	7	1.537e+04	3.42	-0.02	-1443.38	0.0	-5.86	899.53	-0.02	-7.70	3.42	-2.668e+04
		-2.668e+04	0.0	5.56e-06	0.0	75.0	-5.86	177.84	-0.02	-7.70	1.71	1.373e+04
						150.0	-5.86	-543.85	-0.02	-7.70	0.0	0.0
31	9	0.0	2555.41	-0.01	-121.39	0.0	-610.84	240.44	-17.04	-38.99	2555.41	-2.696e+04
		-2.696e+04	0.0	-8.98e-04	0.0	75.0	-610.84	179.74	-17.04	-38.99	1277.70	-1.120e+04
						150.0	-610.84	119.05	-17.04	-38.99	0.0	0.0
31	11	4181.62	2555.49	-0.01	-1066.39	0.0	-610.40	821.58	-17.04	-37.12	2555.49	-4.326e+04
		-4.326e+04	0.0	-8.96e-04	0.0	75.0	-610.40	288.39	-17.04	-37.12	1277.74	-1634.15
						150.0	-610.40	-244.81	-17.04	-37.12	0.0	0.0
31	17	1.037e+04	3.13	-0.01	-993.38	0.0	-6.09	622.80	-0.02	-10.78	3.13	-1.892e+04
		-1.892e+04	0.0	3.02e-06	0.0	75.0	-6.09	126.11	-0.02	-10.78	1.57	9167.50
						150.0	-6.09	-370.58	-0.02	-10.78	0.0	0.0
31	18	6807.16	1193.92	-0.01	-993.38	0.0	-287.19	692.94	-7.96	-20.33	1193.92	-2.944e+04
		-2.944e+04	0.0	-4.18e-04	0.0	75.0	-287.19	196.25	-7.96	-20.33	596.96	3906.79
						150.0	-287.19	-300.43	-7.96	-20.33	0.0	0.0
31	19	0.0	1704.18	-0.01	-93.38	0.0	-408.08	169.53	-11.36	-26.20	1704.18	-1.843e+04
		-1.843e+04	0.0	-5.98e-04	0.0	75.0	-408.08	122.84	-11.36	-26.20	852.09	-7462.54
						150.0	-408.08	76.16	-11.36	-26.20	0.0	0.0
31	21	2849.71	1704.24	-0.01	-723.38	0.0	-407.79	556.96	-11.36	-24.96	1704.24	-2.929e+04
		-2.929e+04	0.0	-5.97e-04	0.0	75.0	-407.79	195.27	-11.36	-24.96	852.12	-1082.23
						150.0	-407.79	-166.41	-11.36	-24.96	0.0	0.0
31	24	5367.90	3.09	-9.14e-03	-543.38	0.0	-6.30	346.06	-0.02	-11.67	3.09	-1.116e+04
		-1.116e+04	0.0	1.02e-06	0.0	75.0	-6.30	74.38	-0.02	-11.67	1.55	4610.13
						150.0	-6.30	-197.31	-0.02	-11.67	0.0	0.0
31	25	2597.54	1023.77	-9.16e-03	-543.38	0.0	-247.24	406.19	-6.83	-19.86	1023.77	-2.017e+04
		-2.017e+04	0.0	-3.59e-04	0.0	75.0	-247.24	134.50	-6.83	-19.86	511.88	100.95

						150.0	-247.24	-137.19	-6.83	-19.86	0.0	0.0
31	26	0.0	1193.84	-9.55e-03	-93.38	0.0	-287.61	139.47	-7.96	-22.11	1193.84	-1.392e+04
		-1.392e+04	0.0	-4.19e-04	0.0	75.0	-287.61	92.78	-7.96	-22.11	596.92	-5207.95
						150.0	-287.61	46.10	-7.96	-22.11	0.0	0.0
31	28	669.29	1193.87	-9.51e-03	-363.38	0.0	-287.48	305.51	-7.96	-21.58	1193.87	-1.857e+04
		-1.857e+04	0.0	-4.19e-04	0.0	75.0	-287.48	123.82	-7.96	-21.58	596.93	-2473.53
						150.0	-287.48	-57.86	-7.96	-21.58	0.0	0.0
31	30	0.0	1023.73	-9.12e-03	-93.38	0.0	-247.45	129.45	-6.82	-20.75	1023.73	-1.241e+04
		-1.241e+04	0.0	-3.60e-04	0.0	75.0	-247.45	82.76	-6.82	-20.75	511.87	-4456.42
						150.0	-247.45	36.08	-6.82	-20.75	0.0	0.0
31	31	3367.88	3.08	-7.50e-03	-363.38	0.0	-6.38	235.37	-0.02	-12.02	3.08	-8052.19
		-8052.19	0.0	-1.15e-06	0.0	75.0	-6.38	53.68	-0.02	-12.02	1.54	2787.18
						150.0	-6.38	-128.01	-0.02	-12.02	0.0	0.0
31	32	951.11	1023.75	-9.09e-03	-363.38	0.0	-247.32	295.49	-6.83	-20.21	1023.75	-1.707e+04
		-1.707e+04	0.0	-3.59e-04	0.0	75.0	-247.32	113.80	-6.83	-20.21	511.88	-1722.00
						150.0	-247.32	-67.88	-6.83	-20.21	0.0	0.0
32	1	-291.79	-47.95	-4.96e-04	-5.80	0.0	1.61	67.62	0.81	-37.63	-61.72	-1392.02
		-1392.02	-61.72	-4.09e-06	0.0	8.5	1.61	64.72	0.81	-37.63	-54.83	-829.58
						17.0	1.61	61.82	0.81	-37.63	-47.95	-291.79
32	5	-126.28	-37.00	-3.16e-04	-4.46	0.0	1.44	45.57	0.63	-28.83	-47.71	-863.11
		-863.11	-47.71	-3.49e-06	0.0	8.5	1.44	43.34	0.63	-28.83	-42.36	-485.21
						17.0	1.44	41.11	0.63	-28.83	-37.00	-126.28
32	7	-107.59	-31.71	-2.82e-04	-4.46	0.0	3.98	34.09	0.58	-35.22	-41.59	-649.18
		-649.18	-41.59	7.16e-06	0.0	8.5	3.98	31.86	0.58	-35.22	-36.65	-368.91
						17.0	3.98	29.63	0.58	-35.22	-31.71	-107.59
32	11	-328.25	2809.52	-3.19e-04	-5.80	0.0	54.45	30.32	-69.36	1.636e+04	2809.52	-794.43
		-794.43	1630.39	6.50e-04	0.0	8.5	54.45	27.42	-69.36	1.636e+04	2219.95	-549.01
						17.0	54.45	24.52	-69.36	1.636e+04	1630.39	-328.25
32	14	-162.73	2823.53	-1.38e-04	-4.46	0.0	54.27	8.28	-69.54	1.637e+04	2823.53	-265.52
		-265.52	1641.33	6.50e-04	0.0	8.5	54.27	6.05	-69.54	1.637e+04	2232.43	-204.65
						17.0	54.27	3.82	-69.54	1.637e+04	1641.33	-162.73
32	15	-181.77	-36.94	-3.53e-04	-4.46	0.0	1.32	49.21	0.63	-28.90	-47.58	-980.49
		-980.49	-47.58	-3.30e-06	0.0	8.5	1.32	46.98	0.63	-28.90	-42.26	-571.65
						17.0	1.32	44.75	0.63	-28.90	-36.94	-181.77
32	17	-169.31	-33.41	-3.31e-04	-4.46	0.0	3.02	41.56	0.59	-33.16	-43.50	-837.87
		-837.87	-43.50	3.81e-06	0.0	8.5	3.02	39.33	0.59	-33.16	-38.45	-494.11
						17.0	3.02	37.10	0.59	-33.16	-33.41	-169.31
32	21	-206.07	1866.58	-2.35e-04	-4.46	0.0	36.55	24.35	-46.15	1.090e+04	1866.58	-582.10
		-582.10	1081.95	4.33e-04	0.0	8.5	36.55	22.12	-46.15	1.090e+04	1474.27	-384.60
						17.0	36.55	19.89	-46.15	1.090e+04	1081.95	-206.07
32	22	-181.77	-36.94	-3.53e-04	-4.46	0.0	1.32	49.21	0.63	-28.90	-47.58	-980.49
		-980.49	-47.58	-3.30e-06	0.0	8.5	1.32	46.98	0.63	-28.90	-42.26	-571.65
						17.0	1.32	44.75	0.63	-28.90	-36.94	-181.77
32	24	-175.54	-35.17	-3.42e-04	-4.46	0.0	2.17	45.39	0.61	-31.03	-45.54	-909.18
		-909.18	-45.54	0.0	0.0	8.5	2.17	43.16	0.61	-31.03	-40.35	-532.88
						17.0	2.17	40.92	0.61	-31.03	-35.17	-175.54
32	28	-201.15	1291.56	-2.74e-04	-4.46	0.0	25.66	33.26	-32.11	7622.86	1291.56	-728.71
		-728.71	745.62	3.00e-04	0.0	8.5	25.66	31.03	-32.11	7622.86	1018.59	-455.45
						17.0	25.66	28.80	-32.11	7622.86	745.62	-201.15
32	29	-181.77	-36.94	-3.53e-04	-4.46	0.0	1.32	49.21	0.63	-28.90	-47.58	-980.49
		-980.49	-47.58	-3.30e-06	0.0	8.5	1.32	46.98	0.63	-28.90	-42.26	-571.65
						17.0	1.32	44.75	0.63	-28.90	-36.94	-181.77
32	31	-178.03	-35.88	-3.46e-04	-4.46	0.0	1.83	46.92	0.62	-30.18	-46.35	-937.70
		-937.70	-46.35	-1.17e-06	0.0	8.5	1.83	44.69	0.62	-30.18	-41.12	-548.38
						17.0	1.83	42.46	0.62	-30.18	-35.88	-178.03
32	32	-197.85	1100.43	-2.85e-04	-4.46	0.0	22.26	35.22	-27.44	6529.57	1100.43	-758.57
		-758.57	633.97	2.57e-04	0.0	8.5	22.26	32.98	-27.44	6529.57	867.20	-468.72
						17.0	22.26	30.75	-27.44	6529.57	633.97	-197.85
33	1	367.08	6.03	4.31e-04	-43.29	0.0	-0.59	22.55	-0.04	-8.41	6.03	-336.31
		-336.31	0.93	8.25e-05	0.0	60.0	-0.59	0.90	-0.04	-8.41	3.48	367.08
						120.0	-0.59	-20.74	-0.04	-8.41	0.93	-228.24
33	9	1896.23	165.43	3.16e-03	-43.29	0.0	161.07	-134.75	-5.79	-588.48	165.43	1896.23
		-1.687e+04	-528.82	-0.03	0.0	60.0	161.07	-156.39	-5.79	-588.48	-181.69	-6838.03
						120.0	161.07	-178.04	-5.79	-588.48	-528.82	-1.687e+04
33	11	1784.30	161.65	3.42e-03	-74.79	0.0	161.33	-120.05	-5.75	-606.27	161.65	1784.30
		-1.711e+04	-528.91	-0.03	0.0	60.0	161.33	-157.45	-5.75	-606.27	-183.63	-6540.80
						120.0	161.33	-194.84	-5.75	-606.27	-528.91	-1.711e+04
33	12	1973.70	164.04	3.17e-03	-33.30	0.0	161.20	-139.95	-5.78	-586.53	164.04	1973.70
		-1.682e+04	-529.10	-0.03	0.0	60.0	161.20	-156.60	-5.78	-586.53	-182.53	-6922.86
						120.0	161.20	-173.25	-5.78	-586.53	-529.10	-1.682e+04
33	14	1861.77	160.25	3.42e-03	-64.80	0.0	161.46	-125.26	-5.75	-604.32	160.25	1861.77

		-1.706e+04	-529.19	-0.03	0.0	60.0	161.46	-157.66	-5.75	-604.32	-184.47	-6625.63
						120.0	161.46	-190.06	-5.75	-604.32	-529.19	-1.706e+04
33	15	282.31	4.64	3.32e-04	-33.30	0.0	-0.46	17.34	-0.03	-6.46	4.64	-258.76
		-258.76	0.69	6.43e-05	0.0	60.0	-0.46	0.69	-0.03	-6.46	2.67	282.31
						120.0	-0.46	-15.96	-0.03	-6.46	0.69	-175.61
33	19	1229.60	110.91	2.10e-03	-33.30	0.0	107.32	-87.52	-3.86	-393.18	110.91	1229.60
		-1.127e+04	-352.48	-0.02	0.0	60.0	107.32	-104.17	-3.86	-393.18	-120.79	-4521.09
						120.0	107.32	-120.82	-3.86	-393.18	-352.48	-1.127e+04
33	21	1154.98	108.38	2.27e-03	-54.30	0.0	107.49	-77.72	-3.84	-405.04	108.38	1154.98
		-1.143e+04	-352.54	-0.02	0.0	60.0	107.49	-104.87	-3.84	-405.04	-122.08	-4322.94
						120.0	107.49	-132.02	-3.84	-405.04	-352.54	-1.143e+04
33	22	282.31	4.64	3.32e-04	-33.30	0.0	-0.46	17.34	-0.03	-6.46	4.64	-258.76
		-258.76	0.69	6.43e-05	0.0	60.0	-0.46	0.69	-0.03	-6.46	2.67	282.31
						120.0	-0.46	-15.96	-0.03	-6.46	0.69	-175.61
33	26	783.09	79.03	1.46e-03	-33.30	0.0	74.98	-56.06	-2.71	-277.16	79.03	783.09
		-7942.23	-246.53	-0.01	0.0	60.0	74.98	-72.71	-2.71	-277.16	-83.75	-3080.07
						120.0	74.98	-89.36	-2.71	-277.16	-246.53	-7942.23
33	28	751.11	77.94	1.54e-03	-42.30	0.0	75.06	-51.86	-2.70	-282.25	77.94	751.11
		-8010.40	-246.55	-0.01	0.0	60.0	75.06	-73.01	-2.70	-282.25	-84.30	-2995.15
						120.0	75.06	-94.16	-2.70	-282.25	-246.55	-8010.40
33	29	282.31	4.64	3.32e-04	-33.30	0.0	-0.46	17.34	-0.03	-6.46	4.64	-258.76
		-258.76	0.69	6.43e-05	0.0	60.0	-0.46	0.69	-0.03	-6.46	2.67	282.31
						120.0	-0.46	-15.96	-0.03	-6.46	0.69	-175.61
33	30	634.26	68.40	1.25e-03	-33.30	0.0	64.21	-45.57	-2.33	-238.49	68.40	634.26
		-6832.71	-211.21	-0.01	0.0	60.0	64.21	-62.22	-2.33	-238.49	-71.41	-2599.73
						120.0	64.21	-78.87	-2.33	-238.49	-211.21	-6832.71
33	32	602.28	67.32	1.33e-03	-42.30	0.0	64.28	-41.38	-2.32	-243.57	67.32	602.28
		-6900.89	-211.24	-0.01	0.0	60.0	64.28	-62.53	-2.32	-243.57	-71.96	-2514.81
						120.0	64.28	-83.68	-2.32	-243.57	-211.24	-6900.89
34	1	280.50	4.04	2.82e-04	-40.95	0.0	3.05	21.83	0.50	-11.98	-55.77	-415.30
		-415.30	-55.77	-1.26e-04	0.0	60.0	3.05	1.35	0.50	-11.98	-25.87	279.97
						120.0	3.05	-19.12	0.50	-11.98	4.04	-253.26
34	5	217.44	3.20	2.12e-04	-31.50	0.0	2.61	16.79	0.38	-9.17	-42.92	-318.01
		-318.01	-42.92	-9.51e-05	0.0	60.0	2.61	1.04	0.38	-9.17	-19.86	217.01
						120.0	2.61	-14.71	0.38	-9.17	3.20	-192.97
34	11	510.34	1460.93	1.75e-04	-40.95	0.0	47.25	-5.02	0.02	-1692.43	1458.11	510.34
		-2548.84	1458.11	-0.02	0.0	60.0	47.25	-25.49	0.02	-1692.43	1459.52	-405.00
						120.0	47.25	-45.97	0.02	-1692.43	1460.93	-2548.84
34	14	607.63	1470.96	1.69e-04	-31.50	0.0	46.81	-10.05	-0.09	-1689.61	1470.96	607.63
		-2488.55	1460.08	-0.02	0.0	60.0	46.81	-25.80	-0.09	-1689.61	1465.52	-467.96
						120.0	46.81	-41.55	-0.09	-1689.61	1460.08	-2488.55
34	15	216.50	3.15	2.15e-04	-31.50	0.0	2.46	16.79	0.38	-9.20	-42.91	-318.83
		-318.83	-42.91	-9.62e-05	0.0	60.0	2.46	1.04	0.38	-9.20	-19.88	216.08
						120.0	2.46	-14.71	0.38	-9.20	3.15	-194.02
34	19	158.73	975.13	-2.48e-04	-31.50	0.0	30.30	0.78	0.08	-1127.79	965.48	158.73
		-1637.39	965.48	-0.02	0.0	60.0	30.30	-14.97	0.08	-1127.79	970.31	-266.83
						120.0	30.30	-30.72	0.08	-1127.79	975.13	-1637.39
34	21	298.26	974.40	1.18e-04	-31.50	0.0	31.92	-1.11	0.07	-1129.49	966.35	298.26
		-1724.40	966.35	-0.02	0.0	60.0	31.92	-16.86	0.07	-1129.49	970.38	-240.57
						120.0	31.92	-32.61	0.07	-1129.49	974.40	-1724.40
34	22	216.50	3.15	2.15e-04	-31.50	0.0	2.46	16.79	0.38	-9.20	-42.91	-318.83
		-318.83	-42.91	-9.62e-05	0.0	60.0	2.46	1.04	0.38	-9.20	-19.88	216.08
						120.0	2.46	-14.71	0.38	-9.20	3.15	-194.02
34	24	234.84	2.62	4.14e-04	-31.50	0.0	3.62	15.44	0.37	-10.41	-42.29	-219.16
		-256.16	-42.29	-1.18e-04	0.0	60.0	3.62	-0.31	0.37	-10.41	-19.83	234.84
						120.0	3.62	-16.06	0.37	-10.41	2.62	-256.16
34	26	74.67	683.54	-1.09e-04	-31.50	0.0	21.95	5.58	0.17	-792.21	662.96	15.46
		-1204.38	662.96	-0.01	0.0	60.0	21.95	-10.17	0.17	-792.21	673.25	-121.96
						120.0	21.95	-25.92	0.17	-792.21	683.54	-1204.38
34	28	117.37	683.22	-5.76e-05	-31.50	0.0	22.64	4.78	0.17	-792.94	663.34	75.26
		-1241.67	663.34	-0.01	0.0	60.0	22.64	-10.97	0.17	-792.94	673.28	-110.70
						120.0	22.64	-26.72	0.17	-792.94	683.22	-1241.67
34	29	216.50	3.15	2.15e-04	-31.50	0.0	2.46	16.79	0.38	-9.20	-42.91	-318.83
		-318.83	-42.91	-9.62e-05	0.0	60.0	2.46	1.04	0.38	-9.20	-19.88	216.08
						120.0	2.46	-14.71	0.38	-9.20	3.15	-194.02
34	30	65.14	586.34	-9.18e-05	-31.50	0.0	19.16	7.19	0.20	-680.35	562.13	-32.29
		-1060.04	562.13	-9.94e-03	0.0	60.0	19.16	-8.56	0.20	-680.35	574.23	-73.67
						120.0	19.16	-24.31	0.20	-680.35	586.34	-1060.04
34	31	227.33	2.83	3.34e-04	-31.50	0.0	3.16	15.98	0.38	-9.92	-42.54	-259.03
		-259.03	-42.54	-1.09e-04	0.0	60.0	3.16	0.23	0.38	-9.92	-19.85	227.33
						120.0	3.16	-15.52	0.38	-9.92	2.83	-231.30

34	32	104.53	586.03	6.56e-05	-31.50	0.0	19.86	6.38	0.20	-681.08	562.50	27.51
		-1097.33	562.50	-9.95e-03	0.0	60.0	19.86	-9.37	0.20	-681.08	574.26	-62.41
						120.0	19.86	-25.12	0.20	-681.08	586.03	-1097.33
35	3	450.73	22.93	1.55e-03	-40.95	0.0	-5.17	13.69	0.49	-29.03	-36.19	177.43
		-637.19	-36.19	-1.01e-04	0.0	60.0	-5.17	-6.79	0.49	-29.03	-6.63	384.37
						120.0	-5.17	-27.26	0.49	-29.03	22.93	-637.19
35	11	1552.56	1.292e+04	2.21e-03	-40.95	0.0	172.83	-84.88	178.93	-252.40	-8548.41	1552.56
		-1.109e+04	-8548.41	-0.02	0.0	60.0	172.83	-105.35	178.93	-252.40	2187.10	-4154.23
						120.0	172.83	-125.83	178.93	-252.40	1.292e+04	-1.109e+04
35	12	1129.28	1.290e+04	1.53e-03	-31.50	0.0	176.26	-82.42	178.56	-232.32	-8526.17	1129.28
		-1.065e+04	-8526.17	-0.02	0.0	60.0	176.26	-98.17	178.56	-232.32	2187.70	-4288.12
						120.0	176.26	-113.92	178.56	-232.32	1.290e+04	-1.065e+04
35	14	1692.60	1.292e+04	2.33e-03	-31.50	0.0	172.90	-90.75	178.93	-252.20	-8546.85	1692.60
		-1.109e+04	-8546.85	-0.02	0.0	60.0	172.90	-106.50	178.93	-252.20	2188.98	-4224.73
						120.0	172.90	-122.25	178.93	-252.20	1.292e+04	-1.109e+04
35	17	315.47	14.16	9.89e-04	-31.50	0.0	-3.49	11.76	0.32	-19.39	-24.80	51.89
		-426.48	-24.80	-6.84e-05	0.0	60.0	-3.49	-3.99	0.32	-19.39	-5.32	285.21
						120.0	-3.49	-19.74	0.32	-19.39	14.16	-426.48
35	19	593.10	8598.46	8.89e-04	-31.50	0.0	117.41	-48.39	119.04	-155.06	-5685.83	593.10
		-7103.68	-5685.83	-0.02	0.0	60.0	117.41	-64.14	119.04	-155.06	1456.31	-2782.79
						120.0	117.41	-79.89	119.04	-155.06	8598.46	-7103.68
35	21	968.65	8613.95	1.42e-03	-31.50	0.0	115.18	-53.94	119.28	-168.31	-5699.61	968.65
		-7394.70	-5699.61	-0.02	0.0	60.0	115.18	-69.69	119.28	-168.31	1457.17	-2740.53
						120.0	115.18	-85.44	119.28	-168.31	8613.95	-7394.70
35	24	255.02	3.10	3.30e-04	-31.50	0.0	-1.90	15.73	0.15	-9.93	-14.95	-216.36
		-218.60	-14.95	-4.05e-05	0.0	60.0	-1.90	-0.02	0.15	-9.93	-5.93	255.02
						120.0	-1.90	-15.77	0.15	-9.93	3.10	-218.60
35	26	269.79	6016.53	-6.94e-04	-31.50	0.0	82.10	-27.96	83.32	-108.68	-3981.61	269.79
		-4975.79	-3981.61	-0.01	0.0	60.0	82.10	-43.71	83.32	-108.68	1017.46	-1880.50
						120.0	82.10	-59.46	83.32	-108.68	6016.53	-4975.79
35	28	430.74	6023.17	7.22e-04	-31.50	0.0	81.14	-30.34	83.42	-114.36	-3987.52	430.74
		-5100.52	-3987.52	-0.01	0.0	60.0	81.14	-46.09	83.42	-114.36	1017.82	-1862.39
						120.0	81.14	-61.84	83.42	-114.36	6023.17	-5100.52
35	30	162.02	5155.89	-6.42e-04	-31.50	0.0	70.32	-21.15	71.41	-93.22	-3413.54	162.02
		-4266.50	-3413.54	-9.75e-03	0.0	60.0	70.32	-36.90	71.41	-93.22	871.17	-1579.74
						120.0	70.32	-52.65	71.41	-93.22	5155.89	-4266.50
35	31	247.33	-1.33	-1.80e-04	-31.50	0.0	-1.26	17.32	0.08	-6.14	-11.01	-323.65
		-323.65	-11.01	-2.93e-05	0.0	60.0	-1.26	1.57	0.08	-6.14	-6.17	242.95
						120.0	-1.26	-14.18	0.08	-6.14	-1.33	-135.45
35	32	322.97	5162.53	5.94e-04	-31.50	0.0	69.37	-23.53	71.52	-98.90	-3419.45	322.97
		-4391.22	-3419.45	-9.77e-03	0.0	60.0	69.37	-39.28	71.52	-98.90	871.54	-1561.63
						120.0	69.37	-55.03	71.52	-98.90	5162.53	-4391.22
36	1	1243.41	17.54	-1.32e-03	-129.48	0.0	0.27	45.00	0.11	-1.14	0.0	0.0
		-3158.23	0.0	-3.98e-05	0.0	80.0	0.27	-19.74	0.11	-1.14	8.77	1010.49
						160.0	0.27	-84.48	0.11	-1.14	17.54	-3158.23
36	3	1.930e+04	16.15	-0.02	-1569.48	0.0	-1.93	615.87	0.10	1.26	0.0	0.0
		-2.702e+04	0.0	-5.71e-05	0.0	80.0	-1.93	-168.87	0.10	1.26	8.08	1.788e+04
						160.0	-1.93	-953.61	0.10	1.26	16.15	-2.702e+04
36	4	2.430e+04	0.0	-0.03	-1569.48	0.0	176.93	690.46	-16.60	-4.05	0.0	0.0
		-1.508e+04	-2656.19	-1.11e-03	0.0	80.0	176.93	-94.28	-16.60	-4.05	-1328.09	2.385e+04
						160.0	176.93	-879.02	-16.60	-4.05	-2656.19	-1.508e+04
36	7	1.899e+04	11.52	-0.02	-1539.60	0.0	-1.95	605.18	0.07	2.36	0.0	0.0
		-2.634e+04	0.0	-4.50e-05	0.0	80.0	-1.95	-164.62	0.07	2.36	5.76	1.762e+04
						160.0	-1.95	-934.42	0.07	2.36	11.52	-2.634e+04
36	9	1.389e+04	0.0	-8.98e-03	-129.48	0.0	255.79	151.56	-23.75	-8.73	0.0	0.0
		0.0	-3800.09	-1.54e-03	0.0	80.0	255.79	86.82	-23.75	-8.73	-1900.04	9535.16
						160.0	255.79	22.08	-23.75	-8.73	-3800.09	1.389e+04
36	14	2.109e+04	0.0	-0.02	-1107.60	0.0	254.23	540.47	-23.79	-5.95	0.0	0.0
		-2132.28	-3805.70	-1.54e-03	0.0	80.0	254.23	-13.33	-23.79	-5.95	-1902.85	2.109e+04
						160.0	254.23	-567.13	-23.79	-5.95	-3805.70	-2132.28
36	15	948.39	13.24	-1.01e-03	-99.60	0.0	0.23	34.48	0.08	-0.52	0.0	0.0
		-2450.96	0.0	-2.84e-05	0.0	80.0	0.23	-15.32	0.08	-0.52	6.62	766.52
						160.0	0.23	-65.12	0.08	-0.52	13.24	-2450.96
36	17	1.298e+04	12.31	-0.01	-1059.60	0.0	-1.24	415.06	0.08	1.09	0.0	0.0
		-1.836e+04	0.0	-4.09e-05	0.0	80.0	-1.24	-114.74	0.08	1.09	6.16	1.201e+04
						160.0	-1.24	-644.54	0.08	1.09	12.31	-1.836e+04
36	18	1.631e+04	0.0	-0.02	-1059.60	0.0	118.00	464.79	-11.06	-2.45	0.0	0.0
		-1.040e+04	-1769.25	-7.43e-04	0.0	80.0	118.00	-65.01	-11.06	-2.45	-884.62	1.599e+04
						160.0	118.00	-594.81	-11.06	-2.45	-1769.25	-1.040e+04
36	19	8915.28	0.0	-6.10e-03	-99.60	0.0	170.58	105.52	-15.82	-5.57	0.0	0.0
		0.0	-2531.85	-1.03e-03	0.0	80.0	170.58	55.72	-15.82	-5.57	-1265.92	6449.64

						160.0	170.58	5.92	-15.82	-5.57	-2531.85	8915.28
36	21	1.432e+04	0.0	-0.02	-771.60	0.0	169.55	371.93	-15.83	-4.45	0.0	0.0
		-2219.83	-2532.50	-1.04e-03	0.0	80.0	169.55	-13.87	-15.83	-4.45	-1266.25	1.432e+04
						160.0	169.55	-399.67	-15.83	-4.45	-2532.50	-2219.83
36	22	948.39	13.24	-1.01e-03	-99.60	0.0	0.23	34.48	0.08	-0.52	0.0	0.0
		-2450.96	0.0	-2.84e-05	0.0	80.0	0.23	-15.32	0.08	-0.52	6.62	766.52
						160.0	0.23	-65.12	0.08	-0.52	13.24	-2450.96
36	24	6965.77	12.77	-7.64e-03	-579.60	0.0	-0.50	224.77	0.08	0.29	0.0	0.0
		-1.040e+04	0.0	-3.51e-05	0.0	80.0	-0.50	-65.03	0.08	0.29	6.39	6389.70
						160.0	-0.50	-354.83	0.08	0.29	12.77	-1.040e+04
36	25	9842.50	0.0	-0.01	-579.60	0.0	101.70	267.39	-9.46	-2.75	0.0	0.0
		-3584.87	-1514.28	-6.37e-04	0.0	80.0	101.70	-22.41	-9.46	-2.75	-757.14	9799.57
						160.0	101.70	-312.21	-9.46	-2.75	-1514.28	-3584.87
36	26	5688.73	0.0	-4.55e-03	-99.60	0.0	119.47	84.21	-11.05	-4.06	0.0	0.0
		0.0	-1768.32	-7.31e-04	0.0	80.0	119.47	34.41	-11.05	-4.06	-884.16	4744.71
						160.0	119.47	-15.39	-11.05	-4.06	-1768.32	5505.41
36	28	8118.61	0.0	-8.51e-03	-387.60	0.0	119.03	198.38	-11.05	-3.58	0.0	0.0
		0.0	-1768.60	-7.35e-04	0.0	80.0	119.03	4.58	-11.05	-3.58	-884.30	8118.61
						160.0	119.03	-189.22	-11.05	-3.58	-1768.60	733.22
36	29	948.39	13.24	-1.01e-03	-99.60	0.0	0.23	34.48	0.08	-0.52	0.0	0.0
		-2450.96	0.0	-2.84e-05	0.0	80.0	0.23	-15.32	0.08	-0.52	6.62	766.52
						160.0	0.23	-65.12	0.08	-0.52	13.24	-2450.96
36	30	4770.59	0.0	-4.04e-03	-99.60	0.0	102.44	77.10	-9.46	-3.55	0.0	0.0
		0.0	-1513.81	-6.31e-04	0.0	80.0	102.44	27.30	-9.46	-3.55	-756.91	4176.39
						160.0	102.44	-22.50	-9.46	-3.55	-1513.81	4368.79
36	31	4558.82	12.96	-4.98e-03	-387.60	0.0	-0.21	148.66	0.08	-0.03	0.0	0.0
		-7223.15	0.0	-3.28e-05	0.0	80.0	-0.21	-45.14	0.08	-0.03	6.48	4140.43
						160.0	-0.21	-238.94	0.08	-0.03	12.96	-7223.15
36	32	7550.30	0.0	-8.01e-03	-387.60	0.0	102.00	191.28	-9.46	-3.07	0.0	0.0
		-403.40	-1514.09	-6.34e-04	0.0	80.0	102.00	-2.52	-9.46	-3.07	-757.05	7550.30
						160.0	102.00	-196.32	-9.46	-3.07	-1514.09	-403.40
37	1	724.65	0.0	-6.81e-03	-121.39	0.0	-6.71	86.96	0.02	-2.66	-3.02	-3940.17
		-3940.17	-3.02	0.0	0.0	75.0	-6.71	26.27	0.02	-2.66	-1.51	305.93
						150.0	-6.71	-34.43	0.02	-2.66	0.0	0.0
37	3	1.566e+04	13.73	-0.02	-1471.39	0.0	-5.92	917.08	-0.09	-6.99	13.73	-2.721e+04
		-2.721e+04	0.0	1.94e-05	0.0	75.0	-5.92	181.39	-0.09	-6.99	6.86	1.398e+04
						150.0	-5.92	-554.31	-0.09	-6.99	0.0	0.0
37	4	1.076e+04	3375.58	-0.02	-1471.39	0.0	-363.32	1011.98	-22.50	-16.01	3375.58	-4.144e+04
		-4.144e+04	0.0	-1.22e-03	0.0	75.0	-363.32	276.29	-22.50	-16.01	1687.79	6866.83
						150.0	-363.32	-459.40	-22.50	-16.01	0.0	0.0
37	7	1.547e+04	13.82	-0.02	-1443.38	0.0	-4.74	897.71	-0.09	-6.34	13.82	-2.640e+04
		-2.640e+04	0.0	1.93e-05	0.0	75.0	-4.74	176.02	-0.09	-6.34	6.91	1.386e+04
						150.0	-4.74	-545.67	-0.09	-6.34	0.0	0.0
37	9	0.0	4799.62	-0.01	-121.39	0.0	-517.28	222.54	-32.00	-15.54	4799.62	-2.428e+04
		-2.428e+04	0.0	-1.74e-03	0.0	75.0	-517.28	161.84	-32.00	-15.54	2399.81	-9862.22
						150.0	-517.28	101.15	-32.00	-15.54	0.0	0.0
37	14	4662.32	4811.43	-0.01	-1038.38	0.0	-515.55	784.25	-32.08	-17.93	4811.43	-3.976e+04
		-3.976e+04	0.0	-1.74e-03	0.0	75.0	-515.55	265.06	-32.08	-17.93	2405.72	-410.13
						150.0	-515.55	-254.13	-32.08	-17.93	0.0	0.0
37	15	543.98	0.0	-5.41e-03	-93.38	0.0	-5.32	67.20	0.02	-2.03	-2.59	-3076.41
		-3076.41	-2.59	-1.48e-06	0.0	75.0	-5.32	20.51	0.02	-2.03	-1.29	212.58
						150.0	-5.32	-26.18	0.02	-2.03	0.0	0.0
37	17	1.049e+04	8.58	-0.01	-993.38	0.0	-4.79	620.61	-0.06	-4.92	8.58	-1.859e+04
		-1.859e+04	0.0	1.28e-05	0.0	75.0	-4.79	123.92	-0.06	-4.92	4.29	9331.65
						150.0	-4.79	-372.77	-0.06	-4.92	0.0	0.0
37	18	7231.99	2249.81	-0.01	-993.38	0.0	-243.06	683.88	-15.00	-10.93	2249.81	-2.808e+04
		-2.808e+04	0.0	-8.12e-04	0.0	75.0	-243.06	187.19	-15.00	-10.93	1124.91	4586.51
						150.0	-243.06	-309.50	-15.00	-10.93	0.0	0.0
37	19	0.0	3199.17	-9.15e-03	-93.38	0.0	-345.70	157.58	-21.33	-10.62	3199.17	-1.663e+04
		-1.663e+04	0.0	-1.16e-03	0.0	75.0	-345.70	110.89	-21.33	-10.62	1599.59	-6566.19
						150.0	-345.70	64.21	-21.33	-10.62	0.0	0.0
37	21	3299.40	3206.99	-9.44e-03	-723.38	0.0	-345.33	544.97	-21.38	-12.64	3206.99	-2.749e+04
		-2.749e+04	0.0	-1.16e-03	0.0	75.0	-345.33	183.28	-21.38	-12.64	1603.49	-182.84
						150.0	-345.33	-178.41	-21.38	-12.64	0.0	0.0
37	22	543.98	0.0	-5.41e-03	-93.38	0.0	-5.32	67.20	0.02	-2.03	-2.59	-3076.41
		-3076.41	-2.59	-1.48e-06	0.0	75.0	-5.32	20.51	0.02	-2.03	-1.29	212.58
						150.0	-5.32	-26.18	0.02	-2.03	0.0	0.0
37	24	5489.39	2.99	-8.47e-03	-543.38	0.0	-5.06	343.90	-0.02	-3.48	2.99	-1.083e+04
		-1.083e+04	0.0	6.09e-06	0.0	75.0	-5.06	72.22	-0.02	-3.48	1.50	4772.11
						150.0	-5.06	-199.47	-0.02	-3.48	0.0	0.0
37	25	2899.50	1924.05	-8.01e-03	-543.38	0.0	-209.28	398.13	-12.83	-8.63	1924.05	-1.897e+04

		-1.897e+04	0.0	-6.96e-04	0.0	75.0	-209.28	126.45	-12.83	-8.63	962.03	704.85
						150.0	-209.28	-145.24	-12.83	-8.63	0.0	0.0
37	26	0.0	2238.64	-8.03e-03	-93.38	0.0	-243.58	130.47	-14.92	-8.05	2238.64	-1.257e+04
		-1.257e+04	0.0	-8.13e-04	0.0	75.0	-243.58	83.78	-14.92	-8.05	1119.32	-4532.56
						150.0	-243.58	37.09	-14.92	-8.05	0.0	0.0
37	28	923.05	2241.99	-7.98e-03	-363.38	0.0	-243.43	296.49	-14.95	-8.91	2241.99	-1.722e+04
		-1.722e+04	0.0	-8.12e-04	0.0	75.0	-243.43	114.80	-14.95	-8.91	1121.00	-1796.84
						150.0	-243.43	-66.89	-14.95	-8.91	0.0	0.0
37	29	543.98	0.0	-5.41e-03	-93.38	0.0	-5.32	67.20	0.02	-2.03	-2.59	-3076.41
		-3076.41	-2.59	-1.48e-06	0.0	75.0	-5.32	20.51	0.02	-2.03	-1.29	212.58
						150.0	-5.32	-26.18	0.02	-2.03	0.0	0.0
37	30	0.0	1918.47	-7.65e-03	-93.38	0.0	-209.55	121.43	-12.79	-7.19	1918.47	-1.121e+04
		-1.121e+04	0.0	-6.96e-04	0.0	75.0	-209.55	74.74	-12.79	-7.19	959.23	-3854.68
						150.0	-209.55	28.05	-12.79	-7.19	0.0	0.0
37	31	3488.71	0.76	-6.73e-03	-363.38	0.0	-5.16	233.22	-5.07e-03	-2.90	0.76	-7729.97
		-7729.97	0.0	3.03e-06	0.0	75.0	-5.16	51.53	-5.07e-03	-2.90	0.38	2948.30
						150.0	-5.16	-130.15	-5.07e-03	-2.90	0.0	0.0
37	32	1177.25	1921.82	-7.61e-03	-363.38	0.0	-209.39	287.45	-12.81	-8.05	1921.82	-1.586e+04
		-1.586e+04	0.0	-6.96e-04	0.0	75.0	-209.39	105.76	-12.81	-8.05	960.91	-1118.96
						150.0	-209.39	-75.92	-12.81	-8.05	0.0	0.0
38	1	1170.42	0.0	-1.25e-03	-129.48	0.0	0.44	43.64	-0.02	8.27	0.0	0.0
		-3376.07	-2.43	-4.87e-06	0.0	80.0	0.44	-21.10	-0.02	8.27	-1.21	901.57
						160.0	0.44	-85.84	-0.02	8.27	-2.43	-3376.07
38	3	1.921e+04	0.0	-0.02	-1569.48	0.0	-1.80	614.48	-6.32e-03	6.19	0.0	0.0
		-2.724e+04	-1.01	-2.52e-06	0.0	80.0	-1.80	-170.26	-6.32e-03	6.19	-0.51	1.777e+04
						160.0	-1.80	-955.00	-6.32e-03	6.19	-1.01	-2.724e+04
38	4	2.475e+04	0.0	-0.03	-1569.48	0.0	168.41	696.85	-7.78	1.92	0.0	0.0
		-1.406e+04	-1245.47	-9.68e-04	0.0	80.0	168.41	-87.89	-7.78	1.92	-622.73	2.436e+04
						160.0	168.41	-872.63	-7.78	1.92	-1245.47	-1.406e+04
38	7	1.894e+04	0.0	-0.02	-1539.60	0.0	-1.88	604.40	-2.18e-03	2.24	0.0	0.0
		-2.646e+04	-0.35	-1.81e-06	0.0	80.0	-1.88	-165.40	-2.18e-03	2.24	-0.17	1.756e+04
						160.0	-1.88	-935.20	-2.18e-03	2.24	-0.35	-2.646e+04
38	9	1.545e+04	0.0	-9.70e-03	-129.48	0.0	243.58	161.30	-11.13	2.17	0.0	0.0
		0.0	-1780.22	-1.38e-03	0.0	80.0	243.58	96.56	-11.13	2.17	-890.11	1.031e+04
						160.0	243.58	31.82	-11.13	2.17	-1780.22	1.545e+04
38	15	900.07	0.0	-9.63e-04	-99.60	0.0	0.34	33.56	-0.01	5.47	0.0	0.0
		-2597.76	-1.82	-3.93e-06	0.0	80.0	0.34	-16.24	-0.01	5.47	-0.91	693.12
						160.0	0.34	-66.04	-0.01	5.47	-1.82	-2597.76
38	17	1.293e+04	0.0	-0.01	-1059.60	0.0	-1.15	414.13	-5.49e-03	4.09	0.0	0.0
		-1.851e+04	-0.88	-2.36e-06	0.0	80.0	-1.15	-115.67	-5.49e-03	4.09	-0.44	1.194e+04
						160.0	-1.15	-645.47	-5.49e-03	4.09	-0.88	-1.851e+04
38	18	1.661e+04	0.0	-0.02	-1059.60	0.0	112.32	469.04	-5.19	1.24	0.0	0.0
		-9722.20	-830.52	-6.46e-04	0.0	80.0	112.32	-60.76	-5.19	1.24	-415.26	1.633e+04
						160.0	112.32	-590.56	-5.19	1.24	-830.52	-9722.20
38	19	9952.96	0.0	-6.59e-03	-99.60	0.0	162.44	112.01	-7.42	1.41	0.0	0.0
		0.0	-1187.02	-9.23e-04	0.0	80.0	162.44	62.21	-7.42	1.41	-593.51	6968.48
						160.0	162.44	12.41	-7.42	1.41	-1187.02	9952.96
38	22	900.07	0.0	-9.63e-04	-99.60	0.0	0.34	33.56	-0.01	5.47	0.0	0.0
		-2597.76	-1.82	-3.93e-06	0.0	80.0	0.34	-16.24	-0.01	5.47	-0.91	693.12
						160.0	0.34	-66.04	-0.01	5.47	-1.82	-2597.76
38	24	6910.23	0.0	-7.59e-03	-579.60	0.0	-0.40	223.85	-8.45e-03	4.78	0.0	0.0
		-1.055e+04	-1.35	-3.14e-06	0.0	80.0	-0.40	-65.95	-8.45e-03	4.78	-0.68	6315.63
						160.0	-0.40	-355.75	-8.45e-03	4.78	-1.35	-1.055e+04
38	25	1.009e+04	0.0	-0.01	-579.60	0.0	96.86	270.91	-4.45	2.34	0.0	0.0
		-3022.30	-712.47	-5.55e-04	0.0	80.0	96.86	-18.89	-4.45	2.34	-356.23	1.008e+04
						160.0	96.86	-308.69	-4.45	2.34	-712.47	-3022.30
38	26	6285.78	0.0	-4.88e-03	-99.60	0.0	113.81	88.47	-5.20	2.63	0.0	0.0
		0.0	-831.46	-6.47e-04	0.0	80.0	113.81	38.67	-5.20	2.63	-415.73	5085.87
						160.0	113.81	-11.13	-5.20	2.63	-831.46	6187.75
38	29	900.07	0.0	-9.63e-04	-99.60	0.0	0.34	33.56	-0.01	5.47	0.0	0.0
		-2597.76	-1.82	-3.93e-06	0.0	80.0	0.34	-16.24	-0.01	5.47	-0.91	693.12
						160.0	0.34	-66.04	-0.01	5.47	-1.82	-2597.76
38	30	5221.67	0.0	-4.31e-03	-99.60	0.0	97.60	80.63	-4.46	3.03	0.0	0.0
		0.0	-712.94	-5.55e-04	0.0	80.0	97.60	30.83	-4.46	3.03	-356.47	4458.34
						160.0	97.60	-18.97	-4.46	3.03	-712.94	4932.67
38	31	4503.47	0.0	-4.93e-03	-387.60	0.0	-0.10	147.73	-9.63e-03	5.06	0.0	0.0
		-7370.74	-1.54	-3.46e-06	0.0	80.0	-0.10	-46.07	-9.63e-03	5.06	-0.77	4066.63
						160.0	-0.10	-239.87	-9.63e-03	5.06	-1.54	-7370.74
38	32	7831.85	0.0	-8.27e-03	-387.60	0.0	97.16	194.80	-4.45	2.62	0.0	0.0
		0.0	-712.66	-5.55e-04	0.0	80.0	97.16	1.00	-4.45	2.62	-356.33	7831.85
						160.0	97.16	-192.80	-4.45	2.62	-712.66	159.69

39	5	425.21	6.23	2.63e-04	-22.31	0.0	13.52	13.01	8.82e-03	-1.37	5.48	103.06
		103.06	5.48	1.56e-05	0.0	42.5	13.52	1.86	8.82e-03	-1.37	5.86	419.05
						85.0	13.52	-9.30	8.82e-03	-1.37	6.23	260.90
39	9	1656.00	2146.58	1.19e-03	-29.01	0.0	242.12	-12.55	-103.22	1.008e+04	2146.58	1656.00
		-643.80	-6627.21	-9.35e-03	0.0	42.5	242.12	-27.06	-103.22	1.008e+04	-2240.32	814.29
						85.0	242.12	-41.56	-103.22	1.008e+04	-6627.21	-643.80
39	11	1650.67	2140.89	1.19e-03	-29.01	0.0	245.50	-12.43	-103.22	1.007e+04	2140.89	1650.67
		-638.23	-6632.63	-9.37e-03	0.0	42.5	245.50	-26.93	-103.22	1.007e+04	-2245.87	814.41
						85.0	245.50	-41.43	-103.22	1.007e+04	-6632.63	-638.23
39	14	1184.91	2140.37	7.44e-04	-22.31	0.0	239.44	-10.03	-103.23	1.007e+04	2140.37	1184.91
		-615.57	-6634.36	-9.37e-03	0.0	42.5	239.44	-21.18	-103.23	1.007e+04	-2246.99	521.74
						85.0	239.44	-32.34	-103.23	1.007e+04	-6634.36	-615.57
39	15	492.63	6.17	4.22e-04	-22.31	0.0	14.40	10.27	0.01	-1.42	5.00	292.12
		217.01	5.00	1.47e-05	0.0	42.5	14.40	-0.88	0.01	-1.42	5.59	491.64
						85.0	14.40	-12.04	0.01	-1.42	6.17	217.01
39	19	1016.91	1432.04	7.42e-04	-22.31	0.0	162.75	-5.17	-68.82	6717.10	1432.04	1016.91
		-371.01	-4417.28	-6.23e-03	0.0	42.5	162.75	-16.33	-68.82	6717.10	-1492.62	560.02
						85.0	162.75	-27.48	-68.82	6717.10	-4417.28	-371.01
39	21	1013.36	1428.25	7.43e-04	-22.31	0.0	165.01	-5.09	-68.81	6716.12	1428.25	1013.36
		-367.30	-4420.89	-6.24e-03	0.0	42.5	165.01	-16.24	-68.81	6716.12	-1496.32	560.10
						85.0	165.01	-27.40	-68.81	6716.12	-4420.89	-367.30
39	22	492.63	6.17	4.22e-04	-22.31	0.0	14.40	10.27	0.01	-1.42	5.00	292.12
		217.01	5.00	1.47e-05	0.0	42.5	14.40	-0.88	0.01	-1.42	5.59	491.64
						85.0	14.40	-12.04	0.01	-1.42	6.17	217.01
39	26	799.47	1003.93	6.46e-04	-22.31	0.0	118.24	-0.54	-48.17	4701.55	1003.93	799.47
		-194.60	-3090.24	-4.36e-03	0.0	42.5	118.24	-11.69	-48.17	4701.55	-1043.16	539.51
						85.0	118.24	-22.85	-48.17	4701.55	-3090.24	-194.60
39	28	797.95	1002.30	6.47e-04	-22.31	0.0	119.21	-0.50	-48.17	4701.12	1002.30	797.95
		-193.01	-3091.79	-4.36e-03	0.0	42.5	119.21	-11.66	-48.17	4701.12	-1044.74	539.54
						85.0	119.21	-22.81	-48.17	4701.12	-3091.79	-193.01
39	29	492.63	6.17	4.22e-04	-22.31	0.0	14.40	10.27	0.01	-1.42	5.00	292.12
		217.01	5.00	1.47e-05	0.0	42.5	14.40	-0.88	0.01	-1.42	5.59	491.64
						85.0	14.40	-12.04	0.01	-1.42	6.17	217.01
39	30	728.63	861.22	6.14e-04	-22.31	0.0	103.41	1.01	-41.28	4029.69	861.22	726.99
		-135.80	-2647.90	-3.73e-03	0.0	42.5	103.41	-10.15	-41.28	4029.69	-893.34	532.67
						85.0	103.41	-21.31	-41.28	4029.69	-2647.90	-135.80
39	32	727.30	859.60	6.15e-04	-22.31	0.0	104.37	1.04	-41.28	4029.27	859.60	725.47
		-134.21	-2649.44	-3.74e-03	0.0	42.5	104.37	-10.11	-41.28	4029.27	-894.92	532.70
						85.0	104.37	-21.27	-41.28	4029.27	-2649.44	-134.21
40	5	438.12	8.33	-2.44e-05	-8.93	0.0	14.44	10.80	0.03	-6.12	7.28	222.73
		222.73	7.28	-1.81e-05	0.0	17.0	14.44	6.34	0.03	-6.12	7.80	368.36
						34.0	14.44	1.87	0.03	-6.12	8.33	438.12
40	9	1578.72	2419.24	5.96e-04	-11.60	0.0	173.86	-36.21	-170.13	2.742e+04	2419.24	1578.72
		150.27	-3365.01	2.54e-03	0.0	17.0	173.86	-42.01	-170.13	2.742e+04	-472.89	913.81
						34.0	173.86	-47.81	-170.13	2.742e+04	-3365.01	150.27
40	11	1591.12	2414.70	5.95e-04	-11.60	0.0	177.83	-36.49	-170.13	2.742e+04	2414.70	1591.12
		153.23	-3369.70	2.55e-03	0.0	17.0	177.83	-42.29	-170.13	2.742e+04	-477.50	921.49
						34.0	177.83	-48.09	-170.13	2.742e+04	-3369.70	153.23
40	12	1036.07	2418.04	3.81e-04	-8.92	0.0	166.68	-25.58	-170.14	2.743e+04	2418.04	1036.07
		14.56	-3366.89	2.55e-03	0.0	17.0	166.68	-30.04	-170.14	2.743e+04	-474.43	563.25
						34.0	166.68	-34.51	-170.14	2.743e+04	-3366.89	14.56
40	14	1048.46	2413.49	3.80e-04	-8.93	0.0	170.65	-25.86	-170.15	2.743e+04	2413.49	1048.46
		17.52	-3371.58	2.56e-03	0.0	17.0	170.65	-30.32	-170.15	2.743e+04	-479.04	570.92
						34.0	170.65	-34.78	-170.15	2.743e+04	-3371.58	17.52
40	15	472.79	8.06	9.49e-05	-8.93	0.0	15.68	4.77	0.04	-6.17	6.85	429.62
		429.62	6.85	-1.82e-05	0.0	17.0	15.68	0.30	0.04	-6.17	7.46	472.73
						34.0	15.68	-4.16	0.04	-6.17	8.06	439.98
40	19	971.84	1614.02	3.48e-04	-8.93	0.0	117.17	-19.49	-113.42	1.828e+04	1614.02	971.84
		157.61	-2242.09	1.69e-03	0.0	17.0	117.17	-23.95	-113.42	1.828e+04	-314.03	602.66
						34.0	117.17	-28.41	-113.42	1.828e+04	-2242.09	157.61
40	21	980.11	1611.00	3.47e-04	-8.93	0.0	119.82	-19.67	-113.42	1.828e+04	1611.00	980.11
		159.58	-2245.21	1.70e-03	0.0	17.0	119.82	-24.13	-113.42	1.828e+04	-317.11	607.77
						34.0	119.82	-28.60	-113.42	1.828e+04	-2245.21	159.58
40	22	472.79	8.06	9.49e-05	-8.93	0.0	15.68	4.77	0.04	-6.17	6.85	429.62
		429.62	6.85	-1.82e-05	0.0	17.0	15.68	0.30	0.04	-6.17	7.46	472.73
						34.0	15.68	-4.16	0.04	-6.17	8.06	439.98
40	26	809.17	1131.87	2.72e-04	-8.93	0.0	86.72	-12.21	-79.38	1.280e+04	1131.87	809.17
		242.32	-1567.04	1.18e-03	0.0	17.0	86.72	-16.67	-79.38	1.280e+04	-217.58	563.68
						34.0	86.72	-21.13	-79.38	1.280e+04	-1567.04	242.32
40	28	812.72	1130.57	2.72e-04	-8.93	0.0	87.86	-12.29	-79.38	1.280e+04	1130.57	812.72
		243.16	-1568.38	1.18e-03	0.0	17.0	87.86	-16.75	-79.38	1.280e+04	-218.90	565.87

						34.0	87.86	-21.21	-79.38	1.280e+04	-1568.38	243.16
40	29	472.79	8.06	9.49e-05	-8.93	0.0	15.68	4.77	0.04	-6.17	6.85	429.62
		429.62	6.85	-1.82e-05	0.0	17.0	15.68	0.30	0.04	-6.17	7.46	472.73
						34.0	15.68	-4.16	0.04	-6.17	8.06	439.98
40	30	754.95	971.16	2.47e-04	-8.93	0.0	76.57	-9.78	-68.03	1.097e+04	971.16	754.95
		270.56	-1342.03	1.01e-03	0.0	17.0	76.57	-14.25	-68.03	1.097e+04	-185.44	550.69
						34.0	76.57	-18.71	-68.03	1.097e+04	-1342.03	270.56
40	32	758.49	969.86	2.46e-04	-8.93	0.0	77.71	-9.86	-68.04	1.097e+04	969.86	758.49
		271.40	-1343.37	1.01e-03	0.0	17.0	77.71	-14.33	-68.04	1.097e+04	-186.75	552.88
						34.0	77.71	-18.79	-68.04	1.097e+04	-1343.37	271.40
41	1	882.42	41.23	-1.72e-03	-40.95	0.0	-2.15	39.71	0.78	11.14	-52.37	-1425.43
		-1425.43	-52.37	-8.57e-05	0.0	60.0	-2.15	19.23	0.78	11.14	-5.57	342.74
						120.0	-2.15	-1.24	0.78	11.14	41.23	882.42
41	3	952.55	14.18	-2.01e-03	-40.95	0.0	-10.37	37.00	0.38	11.45	-30.92	-1051.47
		-1051.47	-30.92	-7.15e-06	0.0	60.0	-10.37	16.53	0.38	11.45	-8.37	554.37
						120.0	-10.37	-3.95	0.38	11.45	14.18	931.71
41	4	985.03	595.94	-2.18e-03	-40.95	0.0	104.45	33.10	-7.46	-27.36	595.94	-619.77
		-619.77	-298.95	1.35e-04	0.0	60.0	104.45	12.62	-7.46	-27.36	148.50	751.70
						120.0	104.45	-7.85	-7.46	-27.36	-298.95	894.68
41	12	545.08	855.15	-1.17e-03	-31.50	0.0	163.05	20.78	-10.58	-49.66	855.15	-275.89
		-275.89	-415.01	1.35e-04	0.0	60.0	163.05	5.03	-10.58	-49.66	220.07	498.37
						120.0	163.05	-10.72	-10.58	-49.66	-415.01	327.62
41	14	664.01	870.16	-1.37e-03	-31.50	0.0	157.29	18.89	-10.87	-49.44	870.16	-14.12
		-14.12	-433.95	1.90e-04	0.0	60.0	157.29	3.14	-10.87	-49.44	218.11	646.51
						120.0	157.29	-12.61	-10.87	-49.44	-433.95	362.13
41	15	562.54	31.98	-1.15e-03	-31.50	0.0	-1.36	28.72	0.60	7.36	-40.32	-1007.84
		-1007.84	-40.32	-6.61e-05	0.0	60.0	-1.36	12.97	0.60	7.36	-4.17	243.13
						120.0	-1.36	-2.78	0.60	7.36	31.98	549.11
41	17	621.13	13.94	-1.34e-03	-31.50	0.0	-6.85	26.92	0.33	7.57	-26.02	-758.53
		-758.53	-26.02	-1.46e-05	0.0	60.0	-6.85	11.17	0.33	7.57	-6.04	384.22
						120.0	-6.85	-4.58	0.33	7.57	13.94	581.97
41	18	654.65	391.89	-1.45e-03	-31.50	0.0	69.70	24.32	-4.89	-18.31	391.89	-470.73
		-470.73	-194.81	8.04e-05	0.0	60.0	69.70	8.57	-4.89	-18.31	98.54	515.77
						120.0	69.70	-7.18	-4.89	-18.31	-194.81	557.28
41	19	593.54	556.69	-1.31e-03	-31.50	0.0	107.99	25.00	-6.86	-29.60	556.69	-596.70
		-596.70	-266.24	6.87e-05	0.0	60.0	107.99	9.25	-6.86	-29.60	145.23	431.07
						120.0	107.99	-6.50	-6.86	-29.60	-266.24	513.84
41	21	651.46	566.70	-1.44e-03	-31.50	0.0	104.15	23.74	-7.05	-29.46	566.70	-422.19
		-422.19	-278.86	1.05e-04	0.0	60.0	104.15	7.99	-7.05	-29.46	143.92	529.83
						120.0	104.15	-7.76	-7.05	-29.46	-278.86	536.84
41	22	562.54	31.98	-1.15e-03	-31.50	0.0	-1.36	28.72	0.60	7.36	-40.32	-1007.84
		-1007.84	-40.32	-6.61e-05	0.0	60.0	-1.36	12.97	0.60	7.36	-4.17	243.13
						120.0	-1.36	-2.78	0.60	7.36	31.98	549.11
41	24	591.17	22.96	-1.24e-03	-31.50	0.0	-4.10	27.82	0.47	7.47	-33.17	-883.19
		-883.19	-33.17	-4.08e-05	0.0	60.0	-4.10	12.07	0.47	7.47	-5.11	313.68
						120.0	-4.10	-3.68	0.47	7.47	22.96	565.54
41	25	610.89	325.03	-1.34e-03	-31.50	0.0	61.51	25.59	-4.01	-14.71	325.03	-636.50
		-636.50	-155.97	4.06e-05	0.0	60.0	61.51	9.84	-4.01	-14.71	84.53	426.44
						120.0	61.51	-5.91	-4.01	-14.71	-155.97	544.38
41	26	579.01	377.58	-1.26e-03	-31.50	0.0	75.19	26.12	-4.62	-18.51	377.58	-720.04
		-720.04	-176.77	-4.96e-05	0.0	60.0	75.19	10.37	-4.62	-18.51	100.41	374.69
						120.0	75.19	-5.38	-4.62	-18.51	-176.77	524.42
41	28	601.04	381.88	-1.32e-03	-31.50	0.0	73.54	25.58	-4.70	-18.45	381.88	-645.25
		-645.25	-182.18	-4.47e-05	0.0	60.0	73.54	9.83	-4.70	-18.45	99.85	417.01
						120.0	73.54	-5.92	-4.70	-18.45	-182.18	534.28
41	29	562.54	31.98	-1.15e-03	-31.50	0.0	-1.36	28.72	0.60	7.36	-40.32	-1007.84
		-1007.84	-40.32	-6.61e-05	0.0	60.0	-1.36	12.97	0.60	7.36	-4.17	243.13
						120.0	-1.36	-2.78	0.60	7.36	31.98	549.11
41	30	574.17	317.88	-1.24e-03	-31.50	0.0	64.25	26.49	-3.87	-14.82	317.88	-761.16
		-761.16	-146.95	-4.50e-05	0.0	60.0	64.25	10.74	-3.87	-14.82	85.47	355.89
						120.0	64.25	-5.01	-3.87	-14.82	-146.95	527.94
41	31	579.18	26.57	-1.21e-03	-31.50	0.0	-3.01	28.18	0.52	7.42	-36.03	-933.05
		-933.05	-36.03	-5.13e-05	0.0	60.0	-3.01	12.43	0.52	7.42	-4.73	285.46
						120.0	-3.01	-3.32	0.52	7.42	26.57	558.97
41	32	596.20	322.17	-1.30e-03	-31.50	0.0	62.61	25.95	-3.95	-14.76	322.17	-686.36
		-686.36	-152.36	-4.01e-05	0.0	60.0	62.61	10.20	-3.95	-14.76	84.91	398.22
						120.0	62.61	-5.55	-3.95	-14.76	-152.36	537.80
42	1	1178.95	35.61	-1.28e-03	-129.48	0.0	0.65	43.81	0.22	2.67	0.0	0.0
		-3348.77	0.0	-7.35e-05	0.0	80.0	0.65	-20.93	0.22	2.67	17.80	915.21
						160.0	0.65	-85.67	0.22	2.67	35.61	-3348.77
42	3	1.927e+04	33.13	-0.02	-1569.48	0.0	-1.52	615.49	0.21	4.05	0.0	0.0

		-2.708e+04	0.0	-1.13e-04	0.0	80.0	-1.52	-169.25	0.21	4.05	16.56	1.785e+04
						160.0	-1.52	-953.99	0.21	4.05	33.13	-2.708e+04
42	4	2.308e+04	0.0	-0.03	-1569.48	0.0	127.12	673.03	-25.84	-4.26	0.0	0.0
		-1.787e+04	-4134.26	1.24e-03	0.0	80.0	127.12	-111.71	-25.84	-4.26	-2067.13	2.245e+04
						160.0	127.12	-896.45	-25.84	-4.26	-4134.26	-1.787e+04
42	7	1.900e+04	23.74	-0.02	-1539.60	0.0	-1.66	605.36	0.15	3.68	0.0	0.0
		-2.631e+04	0.0	-9.01e-05	0.0	80.0	-1.66	-164.44	0.15	3.68	11.87	1.764e+04
						160.0	-1.66	-934.24	0.15	3.68	23.74	-2.631e+04
42	9	9802.47	0.0	-7.20e-03	-129.48	0.0	184.42	126.01	-36.99	-9.21	0.0	0.0
		0.0	-5917.80	1.82e-03	0.0	80.0	184.42	61.27	-36.99	-9.21	-2958.90	7490.84
						160.0	184.42	-3.47	-36.99	-9.21	-5917.80	9802.47
42	14	1.916e+04	0.0	-0.02	-1107.60	0.0	182.77	516.05	-37.06	-8.61	0.0	0.0
		-6039.64	-5928.92	1.82e-03	0.0	80.0	182.77	-37.75	-37.06	-8.61	-2964.46	1.913e+04
						160.0	182.77	-591.55	-37.06	-8.61	-5928.92	-6039.64
42	15	906.45	26.88	-9.88e-04	-99.60	0.0	0.50	33.69	0.17	2.16	0.0	0.0
		-2577.36	0.0	-5.41e-05	0.0	80.0	0.50	-16.11	0.17	2.16	13.44	703.32
						160.0	0.50	-65.91	0.17	2.16	26.88	-2577.36
42	17	1.297e+04	25.23	-0.01	-1059.60	0.0	-0.94	414.81	0.16	3.08	0.0	0.0
		-1.840e+04	0.0	-8.02e-05	0.0	80.0	-0.94	-114.99	0.16	3.08	12.61	1.199e+04
						160.0	-0.94	-644.79	0.16	3.08	25.23	-1.840e+04
42	18	1.550e+04	0.0	-0.02	-1059.60	0.0	84.82	453.17	-17.21	-2.46	0.0	0.0
		-1.226e+04	-2753.03	8.23e-04	0.0	80.0	84.82	-76.63	-17.21	-2.46	-1376.51	1.506e+04
						160.0	84.82	-606.43	-17.21	-2.46	-2753.03	-1.226e+04
42	19	6287.87	0.0	-4.92e-03	-99.60	0.0	123.02	88.49	-24.64	-5.76	0.0	0.0
		0.0	-3942.05	1.21e-03	0.0	80.0	123.02	38.69	-24.64	-5.76	-1971.03	5087.07
						160.0	123.02	-11.11	-24.64	-5.76	-3942.05	6190.13
42	21	1.305e+04	0.0	-0.01	-771.60	0.0	122.01	355.27	-24.65	-5.12	0.0	0.0
		-4884.35	-3943.21	1.20e-03	0.0	80.0	122.01	-30.53	-24.65	-5.12	-1971.61	1.299e+04
						160.0	122.01	-416.33	-24.65	-5.12	-3943.21	-4884.35
42	22	906.45	26.88	-9.88e-04	-99.60	0.0	0.50	33.69	0.17	2.16	0.0	0.0
		-2577.36	0.0	-5.41e-05	0.0	80.0	0.50	-16.11	0.17	2.16	13.44	703.32
						160.0	0.50	-65.91	0.17	2.16	26.88	-2577.36
42	24	6934.61	26.05	-7.68e-03	-579.60	0.0	-0.22	224.25	0.16	2.62	0.0	0.0
		-1.049e+04	0.0	-6.70e-05	0.0	80.0	-0.22	-65.55	0.16	2.62	13.03	6348.15
						160.0	-0.22	-355.35	0.16	2.62	26.05	-1.049e+04
42	25	9123.97	0.0	-0.01	-579.60	0.0	73.29	257.13	-14.72	-2.13	0.0	0.0
		-5227.21	-2355.31	7.05e-04	0.0	80.0	73.29	-32.67	-14.72	-2.13	-1177.65	8978.40
						160.0	73.29	-322.47	-14.72	-2.13	-2355.31	-5227.21
42	26	4163.91	0.0	-3.72e-03	-99.60	0.0	86.26	72.05	-17.20	-3.39	0.0	0.0
		0.0	-2751.37	8.36e-04	0.0	80.0	86.26	22.25	-17.20	-3.39	-1375.69	3771.94
						160.0	86.26	-27.55	-17.20	-3.39	-2751.37	3559.89
42	28	7158.84	0.0	-7.73e-03	-387.60	0.0	85.83	186.39	-17.20	-3.11	0.0	0.0
		-1186.32	-2751.87	8.32e-04	0.0	80.0	85.83	-7.41	-17.20	-3.11	-1375.93	7158.84
						160.0	85.83	-201.21	-17.20	-3.11	-2751.87	-1186.32
42	29	906.45	26.88	-9.88e-04	-99.60	0.0	0.50	33.69	0.17	2.16	0.0	0.0
		-2577.36	0.0	-5.41e-05	0.0	80.0	0.50	-16.11	0.17	2.16	13.44	703.32
						160.0	0.50	-65.91	0.17	2.16	26.88	-2577.36
42	30	3556.53	0.0	-3.32e-03	-99.60	0.0	74.01	66.57	-14.72	-2.59	0.0	0.0
		0.0	-2354.48	7.11e-04	0.0	80.0	74.01	16.77	-14.72	-2.59	-1177.24	3333.57
						160.0	74.01	-33.03	-14.72	-2.59	-2354.48	2683.14
42	31	4521.16	26.39	-4.99e-03	-387.60	0.0	0.07	148.03	0.16	2.43	0.0	0.0
		-7323.57	0.0	-6.17e-05	0.0	80.0	0.07	-45.77	0.16	2.43	13.19	4090.22
						160.0	0.07	-239.57	0.16	2.43	26.39	-7323.57
42	32	6728.28	0.0	-7.34e-03	-387.60	0.0	73.58	180.91	-14.72	-2.32	0.0	0.0
		-2063.07	-2354.98	7.07e-04	0.0	80.0	73.58	-12.89	-14.72	-2.32	-1177.49	6720.46
						160.0	73.58	-206.69	-14.72	-2.32	-2354.98	-2063.07
43	1	629.82	0.0	-8.26e-03	-121.39	0.0	-7.67	89.42	0.05	13.85	-8.12	-4308.76
		-4308.76	-8.12	3.68e-06	0.0	75.0	-7.67	28.73	0.05	13.85	-4.06	121.63
						150.0	-7.67	-31.97	0.05	13.85	0.0	0.0
43	3	1.557e+04	24.91	-0.02	-1471.39	0.0	-6.48	918.67	-0.17	8.89	24.91	-2.745e+04
		-2.745e+04	0.0	3.60e-05	0.0	75.0	-6.48	182.97	-0.17	8.89	12.46	1.387e+04
						150.0	-6.48	-552.72	-0.17	8.89	0.0	0.0
43	4	1.159e+04	5020.06	-0.02	-1471.39	0.0	-306.49	994.24	-33.47	7.02	5020.06	-3.878e+04
		-3.878e+04	0.0	-1.83e-03	0.0	75.0	-306.49	258.55	-33.47	7.02	2510.03	8197.40
						150.0	-306.49	-477.15	-33.47	7.02	0.0	0.0
43	7	1.545e+04	25.16	-0.02	-1443.38	0.0	-4.70	898.04	-0.17	1.93	25.16	-2.645e+04
		-2.645e+04	0.0	3.45e-05	0.0	75.0	-4.70	176.35	-0.17	1.93	12.58	1.384e+04
						150.0	-4.70	-545.34	-0.17	1.93	0.0	0.0
43	9	0.0	7127.80	-0.01	-121.39	0.0	-436.24	197.38	-47.52	11.18	7127.80	-2.050e+04
		-2.050e+04	0.0	-2.62e-03	0.0	75.0	-436.24	136.69	-47.52	11.18	3563.90	-7975.75
						150.0	-436.24	76.00	-47.52	11.18	0.0	0.0

43	14	5675.59	7151.18	-0.01	-1038.38	0.0	-433.63	757.23	-47.67	0.75	7151.18	-3.571e+04
		-3.571e+04	0.0	-2.62e-03	0.0	75.0	-433.63	238.04	-47.67	0.75	3575.59	1616.40
						150.0	-433.63	-281.15	-47.67	0.75	0.0	0.0
43	15	484.36	0.0	-6.36e-03	-93.38	0.0	-5.89	68.79	0.05	9.02	-6.95	-3314.90
		-3314.90	-6.95	2.87e-06	0.0	75.0	-5.89	22.10	0.05	9.02	-3.48	93.33
						150.0	-5.89	-24.59	0.05	9.02	0.0	0.0
43	17	1.043e+04	15.07	-0.01	-993.38	0.0	-5.10	621.62	-0.10	5.71	15.07	-1.874e+04
		-1.874e+04	0.0	2.35e-05	0.0	75.0	-5.10	124.93	-0.10	5.71	7.53	9255.96
						150.0	-5.10	-371.76	-0.10	5.71	0.0	0.0
43	18	7788.65	3345.17	-0.01	-993.38	0.0	-205.11	672.00	-22.30	4.47	3345.17	-2.630e+04
		-2.630e+04	0.0	-1.22e-03	0.0	75.0	-205.11	175.31	-22.30	4.47	1672.58	5477.18
						150.0	-205.11	-321.37	-22.30	4.47	0.0	0.0
43	19	0.0	4750.33	-0.01	-93.38	0.0	-291.61	140.76	-31.67	7.24	4750.33	-1.411e+04
		-1.411e+04	0.0	-1.74e-03	0.0	75.0	-291.61	94.08	-31.67	7.24	2375.17	-5304.92
						150.0	-291.61	47.39	-31.67	7.24	0.0	0.0
43	21	3945.28	4765.74	-0.01	-723.38	0.0	-291.06	527.75	-31.77	4.92	4765.74	-2.491e+04
		-2.491e+04	0.0	-1.74e-03	0.0	75.0	-291.06	166.06	-31.77	4.92	2382.87	1108.91
						150.0	-291.06	-195.63	-31.77	4.92	0.0	0.0
43	22	484.36	0.0	-6.36e-03	-93.38	0.0	-5.89	68.79	0.05	9.02	-6.95	-3314.90
		-3314.90	-6.95	2.87e-06	0.0	75.0	-5.89	22.10	0.05	9.02	-3.48	93.33
						150.0	-5.89	-24.59	0.05	9.02	0.0	0.0
43	24	5416.29	4.06	-8.94e-03	-543.38	0.0	-5.50	345.20	-0.03	7.37	4.06	-1.103e+04
		-1.103e+04	0.0	1.13e-05	0.0	75.0	-5.50	73.52	-0.03	7.37	2.03	4674.64
						150.0	-5.50	-198.17	-0.03	7.37	0.0	0.0
43	25	3285.19	2858.43	-8.94e-03	-543.38	0.0	-176.93	388.39	-19.06	6.30	2858.43	-1.751e+04
		-1.751e+04	0.0	-1.04e-03	0.0	75.0	-176.93	116.70	-19.06	6.30	1429.21	1435.69
						150.0	-176.93	-154.99	-19.06	6.30	0.0	0.0
43	26	0.0	3323.15	-8.96e-03	-93.38	0.0	-205.89	119.17	-22.15	7.77	3323.15	-1.087e+04
		-1.087e+04	0.0	-1.22e-03	0.0	75.0	-205.89	72.48	-22.15	7.77	1661.57	-3685.45
						150.0	-205.89	25.80	-22.15	7.77	0.0	0.0
43	28	1245.62	3329.75	-8.83e-03	-363.38	0.0	-205.66	285.02	-22.20	6.78	3329.75	-1.550e+04
		-1.550e+04	0.0	-1.22e-03	0.0	75.0	-205.66	103.33	-22.20	6.78	1664.88	-936.66
						150.0	-205.66	-78.35	-22.20	6.78	0.0	0.0
43	29	484.36	0.0	-6.36e-03	-93.38	0.0	-5.89	68.79	0.05	9.02	-6.95	-3314.90
		-3314.90	-6.95	2.87e-06	0.0	75.0	-5.89	22.10	0.05	9.02	-3.48	93.33
						150.0	-5.89	-24.59	0.05	9.02	0.0	0.0
43	30	0.0	2847.42	-8.59e-03	-93.38	0.0	-177.32	111.97	-18.98	7.95	2847.42	-9792.80
		-9792.80	0.0	-1.04e-03	0.0	75.0	-177.32	65.29	-18.98	7.95	1423.71	-3145.62
						150.0	-177.32	18.60	-18.98	7.95	0.0	0.0
43	31	3409.08	0.0	-7.30e-03	-363.38	0.0	-5.65	234.64	2.30e-03	8.03	-0.34	-7942.32
		-7942.32	-0.34	8.08e-06	0.0	75.0	-5.65	52.95	2.30e-03	8.03	-0.17	2842.12
						150.0	-5.65	-128.74	2.30e-03	8.03	0.0	0.0
43	32	1504.90	2854.02	-8.46e-03	-363.38	0.0	-177.09	277.82	-19.03	6.96	2854.02	-1.442e+04
		-1.442e+04	0.0	-1.04e-03	0.0	75.0	-177.09	96.13	-19.03	6.96	1427.01	-396.83
						150.0	-177.09	-85.55	-19.03	6.96	0.0	0.0
44	1	232.29	6.64	-1.85e-04	-43.29	0.0	-1.02	22.29	-1.76e-03	-2.13	6.64	-455.81
		-455.81	6.43	5.93e-05	0.0	60.0	-1.02	0.65	-1.76e-03	-2.13	6.53	232.29
						120.0	-1.02	-21.00	-1.76e-03	-2.13	6.43	-378.31
44	3	561.25	1.36	4.04e-04	-88.29	0.0	-0.30	46.30	0.02	-11.80	-0.82	-892.67
		-892.67	-0.82	-1.31e-05	0.0	60.0	-0.30	2.16	0.02	-11.80	0.27	561.25
						120.0	-0.30	-41.99	0.02	-11.80	1.36	-633.53
44	11	1047.35	-233.63	7.53e-04	-74.79	0.0	198.02	44.74	11.59	-588.94	-1624.41	-555.33
		-555.33	-1624.41	-0.02	0.0	60.0	198.02	7.35	11.59	-588.94	-929.02	1007.28
						120.0	198.02	-30.05	11.59	-588.94	-233.63	326.19
44	14	1001.58	-235.13	7.26e-04	-64.80	0.0	198.25	39.58	11.59	-588.44	-1625.84	-448.14
		-448.14	-1625.84	-0.02	0.0	60.0	198.25	7.18	11.59	-588.44	-930.49	954.64
						120.0	198.25	-25.22	11.59	-588.44	-235.13	413.41
44	15	179.10	5.15	-1.43e-04	-33.30	0.0	-0.79	17.14	-1.76e-03	-1.63	5.15	-349.75
		-349.75	4.94	4.65e-05	0.0	60.0	-0.79	0.49	-1.76e-03	-1.63	5.04	179.10
						120.0	-0.79	-16.16	-1.76e-03	-1.63	4.94	-291.04
44	17	398.41	1.56	2.81e-04	-63.30	0.0	-0.31	33.15	0.01	-8.08	0.18	-640.99
		-640.99	0.18	-1.80e-06	0.0	60.0	-0.31	1.50	0.01	-8.08	0.87	398.41
						120.0	-0.31	-30.15	0.01	-8.08	1.56	-461.19
44	21	720.21	-155.10	5.14e-04	-54.30	0.0	131.91	32.11	7.73	-392.84	-1082.22	-416.10
		-416.10	-1082.22	-0.02	0.0	60.0	131.91	4.96	7.73	-392.84	-618.66	695.76
						120.0	131.91	-22.19	7.73	-392.84	-155.10	178.62
44	22	179.10	5.15	-1.43e-04	-33.30	0.0	-0.79	17.14	-1.76e-03	-1.63	5.15	-349.75
		-349.75	4.94	4.65e-05	0.0	60.0	-0.79	0.49	-1.76e-03	-1.63	5.04	179.10
						120.0	-0.79	-16.16	-1.76e-03	-1.63	4.94	-291.04
44	24	288.76	3.25	-1.97e-04	-48.30	0.0	-0.55	25.14	4.87e-03	-4.86	2.66	-495.37
		-495.37	2.66	2.24e-05	0.0	60.0	-0.55	0.99	4.87e-03	-4.86	2.96	288.76

						120.0	-0.55	-23.16	4.87e-03	-4.86	3.25	-376.12
44	25	519.70	-91.35	3.59e-04	-48.30	0.0	78.87	27.40	4.64	-236.87	-647.67	-412.86
		-412.86	-647.67	-9.74e-03	0.0	60.0	78.87	3.25	4.64	-236.87	-369.51	506.64
						120.0	78.87	-20.90	4.64	-236.87	-91.35	-22.85
44	28	514.86	-106.45	3.50e-04	-42.30	0.0	92.01	24.57	5.41	-274.25	-755.06	-340.86
		-340.86	-755.06	-0.01	0.0	60.0	92.01	3.42	5.41	-274.25	-430.75	499.10
						120.0	92.01	-17.73	5.41	-274.25	-106.45	70.05
44	29	179.10	5.15	-1.43e-04	-33.30	0.0	-0.79	17.14	-1.76e-03	-1.63	5.15	-349.75
		-349.75	4.94	4.65e-05	0.0	60.0	-0.79	0.49	-1.76e-03	-1.63	5.04	179.10
						120.0	-0.79	-16.16	-1.76e-03	-1.63	4.94	-291.04
44	31	244.90	3.92	-1.75e-04	-42.30	0.0	-0.65	21.94	2.22e-03	-3.57	3.66	-437.12
		-437.12	3.66	3.20e-05	0.0	60.0	-0.65	0.79	2.22e-03	-3.57	3.79	244.90
						120.0	-0.65	-20.36	2.22e-03	-3.57	3.92	-342.09
44	32	475.73	-90.68	3.21e-04	-42.30	0.0	78.77	24.20	4.63	-235.59	-646.67	-354.61
		-354.61	-646.67	-9.73e-03	0.0	60.0	78.77	3.05	4.63	-235.59	-368.68	462.78
						120.0	78.77	-18.10	4.63	-235.59	-90.68	11.17
45	3	311.76	3.00	9.73e-04	-11.94	0.0	16.67	-48.99	6.42e-03	5.68	2.78	311.76
		-1611.82	2.78	-3.23e-06	0.0	17.5	16.67	-54.96	6.42e-03	5.68	2.89	-597.77
						35.0	16.67	-60.93	6.42e-03	5.68	3.00	-1611.82
45	5	299.52	7.56	6.35e-04	-9.19	0.0	8.57	-34.20	-4.44e-03	4.24	7.56	299.52
		-1058.18	7.41	1.03e-05	0.0	17.5	8.57	-38.79	-4.44e-03	4.24	7.49	-339.14
						35.0	8.57	-43.39	-4.44e-03	4.24	7.41	-1058.18
45	9	-517.20	1163.03	5.54e-04	-11.94	0.0	175.47	-29.39	165.64	-2.771e+04	-4634.34	-517.20
		-1754.93	-4634.34	-8.47e-03	0.0	17.5	175.47	-35.36	165.64	-2.771e+04	-1735.66	-1083.81
						35.0	175.47	-41.34	165.64	-2.771e+04	1163.03	-1754.93
45	11	-514.25	1158.21	5.54e-04	-11.94	0.0	179.51	-29.09	165.64	-2.771e+04	-4639.20	-514.25
		-1741.30	-4639.20	-8.48e-03	0.0	17.5	179.51	-35.06	165.64	-2.771e+04	-1740.49	-1075.52
						35.0	179.51	-41.03	165.64	-2.771e+04	1158.21	-1741.30
45	14	-522.28	1155.72	2.17e-04	-9.19	0.0	177.19	-13.86	165.63	-2.772e+04	-4641.34	-522.28
		-1168.19	-4641.34	-8.48e-03	0.0	17.5	177.19	-18.45	165.63	-2.772e+04	-1742.81	-805.04
						35.0	177.19	-23.05	165.63	-2.772e+04	1155.72	-1168.19
45	15	263.94	7.52	6.98e-04	-9.19	0.0	8.47	-36.36	2.61e-04	4.24	7.51	263.94
		-1169.33	7.51	9.87e-06	0.0	17.5	8.47	-40.95	2.61e-04	4.24	7.52	-412.50
						35.0	8.47	-45.54	2.61e-04	4.24	7.52	-1169.33
45	17	266.75	2.93	6.99e-04	-9.19	0.0	12.31	-36.07	1.18e-03	4.35	2.89	266.75
		-1156.36	2.89	0.0	0.0	17.5	12.31	-40.66	1.18e-03	4.35	2.91	-404.61
						35.0	12.31	-45.25	1.18e-03	4.35	2.93	-1156.36
45	19	-285.89	776.28	4.20e-04	-9.19	0.0	118.18	-23.00	110.42	-1.848e+04	-3088.52	-285.89
		-1251.76	-3088.52	-5.64e-03	0.0	17.5	118.18	-27.60	110.42	-1.848e+04	-1156.12	-728.63
						35.0	118.18	-32.19	110.42	-1.848e+04	776.28	-1251.76
45	21	-283.92	773.06	4.20e-04	-9.19	0.0	120.88	-22.80	110.42	-1.848e+04	-3091.76	-283.92
		-1242.68	-3091.76	-5.65e-03	0.0	17.5	120.88	-27.39	110.42	-1.848e+04	-1159.35	-723.10
						35.0	120.88	-31.99	110.42	-1.848e+04	773.06	-1242.68
45	22	263.94	7.52	6.98e-04	-9.19	0.0	8.47	-36.36	2.61e-04	4.24	7.51	263.94
		-1169.33	7.51	9.87e-06	0.0	17.5	8.47	-40.95	2.61e-04	4.24	7.52	-412.50
						35.0	8.47	-45.54	2.61e-04	4.24	7.52	-1169.33
45	24	265.35	5.23	6.99e-04	-9.19	0.0	10.39	-36.21	7.20e-04	4.29	5.20	265.35
		-1162.84	5.20	4.66e-06	0.0	17.5	10.39	-40.81	7.20e-04	4.29	5.21	-408.55
						35.0	10.39	-45.40	7.20e-04	4.29	5.23	-1162.84
45	26	-120.94	545.65	5.03e-04	-9.19	0.0	85.27	-27.01	77.30	-1.293e+04	-2159.71	-120.94
		-1227.03	-2159.71	-3.95e-03	0.0	17.5	85.27	-31.60	77.30	-1.293e+04	-807.03	-633.79
						35.0	85.27	-36.20	77.30	-1.293e+04	545.65	-1227.03
45	28	-120.10	544.27	5.04e-04	-9.19	0.0	86.42	-26.92	77.30	-1.293e+04	-2161.10	-120.10
		-1223.14	-2161.10	-3.95e-03	0.0	17.5	86.42	-31.52	77.30	-1.293e+04	-808.41	-631.42
						35.0	86.42	-36.11	77.30	-1.293e+04	544.27	-1223.14
45	29	263.94	7.52	6.98e-04	-9.19	0.0	8.47	-36.36	2.61e-04	4.24	7.51	263.94
		-1169.33	7.51	9.87e-06	0.0	17.5	8.47	-40.95	2.61e-04	4.24	7.52	-412.50
						35.0	8.47	-45.54	2.61e-04	4.24	7.52	-1169.33
45	30	-65.96	468.77	5.31e-04	-9.19	0.0	74.30	-28.34	66.25	-1.108e+04	-1850.11	-65.96
		-1218.79	-1850.11	-3.38e-03	0.0	17.5	74.30	-32.94	66.25	-1.108e+04	-690.67	-602.18
						35.0	74.30	-37.53	66.25	-1.108e+04	468.77	-1218.79
45	31	264.78	6.14	6.99e-04	-9.19	0.0	9.62	-36.27	5.37e-04	4.27	6.12	264.78
		-1165.44	6.12	6.74e-06	0.0	17.5	9.62	-40.86	5.37e-04	4.27	6.13	-410.13
						35.0	9.62	-45.46	5.37e-04	4.27	6.14	-1165.44
45	32	-65.12	467.40	5.31e-04	-9.19	0.0	75.45	-28.26	66.25	-1.108e+04	-1851.50	-65.12
		-1214.90	-1851.50	-3.39e-03	0.0	17.5	75.45	-32.85	66.25	-1.108e+04	-692.05	-599.81
						35.0	75.45	-37.44	66.25	-1.108e+04	467.40	-1214.90
46	1	-37.80	31.21	7.41e-05	-40.95	0.0	0.89	23.26	-0.60	2.25	31.21	-830.15
		-830.15	-40.55	5.08e-05	0.0	60.0	0.89	2.78	-0.60	2.25	-4.67	-49.06
						120.0	0.89	-17.69	-0.60	2.25	-40.55	-496.46
46	7	268.66	-2.38	3.28e-04	-31.50	0.0	-7.64	18.98	-0.08	1.33	-2.38	-416.72

		-416.72	-11.92	-2.87e-05	0.0	60.0	-7.64	3.23	-0.08	1.33	-7.15	249.71
						120.0	-7.64	-12.52	-0.08	1.33	-11.92	-28.86
46	9	240.85	7565.39	3.30e-04	-40.95	0.0	169.08	22.50	136.72	-180.80	-8840.57	-500.57
		-500.57	-8840.57	-0.02	0.0	60.0	169.08	2.03	136.72	-180.80	-637.59	235.25
						120.0	169.08	-18.45	136.72	-180.80	7565.39	-257.43
46	14	468.70	7588.21	4.98e-04	-31.50	0.0	163.02	17.61	137.12	-181.56	-8866.24	-121.76
		-121.76	-8866.24	-0.02	0.0	60.0	163.02	1.86	137.12	-181.56	-639.02	462.15
						120.0	163.02	-13.89	137.12	-181.56	7588.21	101.06
46	15	-11.44	24.02	-5.68e-05	-31.50	0.0	0.65	17.46	-0.46	1.79	24.02	-592.30
		-592.30	-31.23	4.00e-05	0.0	60.0	0.65	1.71	-0.46	1.79	-3.61	-16.91
						120.0	0.65	-14.04	-0.46	1.79	-31.23	-386.53
46	17	159.67	6.41	2.41e-04	-31.50	0.0	-4.84	18.84	-0.21	1.44	6.41	-515.36
		-515.36	-18.33	-6.61e-06	0.0	60.0	-4.84	3.09	-0.21	1.44	-5.96	142.79
						120.0	-4.84	-12.66	-0.21	1.44	-18.33	-144.06
46	19	174.33	5039.40	2.21e-04	-31.50	0.0	112.77	16.96	91.08	-120.24	-5890.50	-372.57
		-372.57	-5890.50	-0.02	0.0	60.0	112.77	1.21	91.08	-120.24	-425.55	172.63
						120.0	112.77	-14.54	91.08	-120.24	5039.40	-227.17
46	21	293.37	5048.43	3.54e-04	-31.50	0.0	108.93	17.93	91.26	-120.49	-5902.83	-318.71
		-318.71	-5902.83	-0.02	0.0	60.0	108.93	2.18	91.26	-120.49	-427.20	284.42
						120.0	108.93	-13.57	91.26	-120.49	5048.43	-57.45
46	22	-11.44	24.02	-5.68e-05	-31.50	0.0	0.65	17.46	-0.46	1.79	24.02	-592.30
		-592.30	-31.23	4.00e-05	0.0	60.0	0.65	1.71	-0.46	1.79	-3.61	-16.91
						120.0	0.65	-14.04	-0.46	1.79	-31.23	-386.53
46	24	73.59	15.21	1.46e-04	-31.50	0.0	-2.10	18.15	-0.33	1.61	15.21	-553.83
		-553.83	-24.78	1.69e-05	0.0	60.0	-2.10	2.40	-0.33	1.61	-4.78	62.94
						120.0	-2.10	-13.35	-0.33	1.61	-24.78	-265.30
46	25	185.05	3017.60	2.48e-04	-31.50	0.0	65.18	17.85	54.59	-71.61	-3533.50	-421.99
		-421.99	-3533.50	-9.76e-03	0.0	60.0	65.18	2.10	54.59	-71.61	-257.95	176.66
						120.0	65.18	-13.65	54.59	-71.61	3017.60	-169.68
46	26	118.60	3518.21	1.70e-04	-31.50	0.0	79.13	17.11	63.62	-83.63	-4116.15	-438.49
		-438.49	-4116.15	-0.01	0.0	60.0	79.13	1.36	63.62	-83.63	-298.97	115.76
						120.0	79.13	-14.39	63.62	-83.63	3518.21	-274.98
46	28	169.62	3522.08	2.27e-04	-31.50	0.0	77.49	17.53	63.70	-83.74	-4121.43	-415.41
		-415.41	-4121.43	-0.01	0.0	60.0	77.49	1.78	63.70	-83.74	-299.68	163.68
						120.0	77.49	-13.97	63.70	-83.74	3522.08	-202.24
46	29	-11.44	24.02	-5.68e-05	-31.50	0.0	0.65	17.46	-0.46	1.79	24.02	-592.30
		-592.30	-31.23	4.00e-05	0.0	60.0	0.65	1.71	-0.46	1.79	-3.61	-16.91
						120.0	0.65	-14.04	-0.46	1.79	-31.23	-386.53
46	30	100.02	3011.15	1.53e-04	-31.50	0.0	67.92	17.16	54.47	-71.43	-3524.70	-460.46
		-460.46	-3524.70	-9.74e-03	0.0	60.0	67.92	1.41	54.47	-71.43	-256.77	96.81
						120.0	67.92	-14.34	54.47	-71.43	3011.15	-290.92
46	31	39.58	18.73	1.08e-04	-31.50	0.0	-1.00	17.88	-0.38	1.68	18.73	-569.22
		-569.22	-27.36	2.60e-05	0.0	60.0	-1.00	2.13	-0.38	1.68	-4.31	31.00
						120.0	-1.00	-13.62	-0.38	1.68	-27.36	-313.79
46	32	151.04	3015.02	2.10e-04	-31.50	0.0	66.27	17.58	54.54	-71.54	-3529.98	-437.38
		-437.38	-3529.98	-9.75e-03	0.0	60.0	66.27	1.83	54.54	-71.54	-257.48	144.72
						120.0	66.27	-13.92	54.54	-71.54	3015.02	-218.18
47	1	193.74	8.35	-1.57e-04	-43.29	0.0	-1.35	21.72	1.20e-03	-2.04	8.21	-460.11
		-460.11	8.21	-3.12e-05	0.0	60.0	-1.35	0.08	1.20e-03	-2.04	8.28	193.74
						120.0	-1.35	-21.57	1.20e-03	-2.04	8.35	-451.10
47	3	447.43	0.04	-4.50e-04	-88.29	0.0	-0.30	44.26	-1.42e-03	0.26	0.04	-883.99
		-883.99	-0.13	-8.74e-06	0.0	60.0	-0.30	0.12	-1.42e-03	0.26	-0.05	447.43
						120.0	-0.30	-44.03	-1.42e-03	0.26	-0.13	-869.86
47	4	382.81	-465.08	5.83e-04	-88.29	0.0	132.54	45.88	-6.43	61.11	-465.08	-1045.77
		-1045.77	-1236.66	-2.91e-03	0.0	60.0	132.54	1.74	-6.43	61.11	-850.87	382.81
						120.0	132.54	-42.41	-6.43	61.11	-1236.66	-837.31
47	14	239.04	-663.73	8.00e-04	-64.80	0.0	189.44	34.80	-9.18	86.97	-663.73	-879.75
		-879.75	-1765.83	-4.15e-03	0.0	60.0	189.44	2.40	-9.18	86.97	-1214.78	236.23
						120.0	189.44	-30.00	-9.18	86.97	-1765.83	-591.79
47	15	149.87	6.49	-1.21e-04	-33.30	0.0	-1.05	16.71	1.00e-03	-1.57	6.37	-353.06
		-353.06	6.37	-2.40e-05	0.0	60.0	-1.05	0.06	1.00e-03	-1.57	6.43	149.87
						120.0	-1.05	-16.59	1.00e-03	-1.57	6.49	-346.20
47	17	318.99	0.92	-3.16e-04	-63.30	0.0	-0.35	31.74	-7.47e-04	-0.04	0.92	-635.64
		-635.64	0.83	-9.08e-06	0.0	60.0	-0.35	0.09	-7.47e-04	-0.04	0.88	318.99
						120.0	-0.35	-31.56	-7.47e-04	-0.04	0.83	-625.37
47	18	275.91	-309.15	4.03e-04	-63.30	0.0	88.21	32.82	-4.29	40.53	-309.15	-743.50
		-743.50	-823.52	-1.94e-03	0.0	60.0	88.21	1.17	-4.29	40.53	-566.34	275.91
						120.0	88.21	-30.48	-4.29	40.53	-823.52	-603.67
47	21	206.72	-440.41	5.69e-04	-54.30	0.0	125.95	28.77	-6.12	57.46	-440.41	-704.95
		-704.95	-1175.11	-2.77e-03	0.0	60.0	125.95	1.62	-6.12	57.46	-807.76	206.72
						120.0	125.95	-25.53	-6.12	57.46	-1175.11	-510.62

47	22	149.87	6.49	-1.21e-04	-33.30	0.0	-1.05	16.71	1.00e-03	-1.57	6.37	-353.06
		-353.06	6.37	-2.40e-05	0.0	60.0	-1.05	0.06	1.00e-03	-1.57	6.43	149.87
						120.0	-1.05	-16.59	1.00e-03	-1.57	6.49	-346.20
47	24	234.43	3.66	-2.17e-04	-48.30	0.0	-0.70	24.22	1.28e-04	-0.80	3.65	-494.35
		-494.35	3.65	-1.66e-05	0.0	60.0	-0.70	0.07	1.28e-04	-0.80	3.65	234.43
						120.0	-0.70	-24.08	1.28e-04	-0.80	3.66	-485.79
47	25	197.51	-262.13	3.80e-04	-48.30	0.0	75.21	25.15	-3.67	33.97	-262.13	-586.80
		-586.80	-702.92	-1.67e-03	0.0	60.0	75.21	1.00	-3.67	33.97	-482.53	197.51
						120.0	75.21	-23.15	-3.67	33.97	-702.92	-467.19
47	28	157.53	-305.34	4.40e-04	-42.30	0.0	87.72	22.30	-4.29	39.46	-305.34	-545.69
		-545.69	-819.56	-1.95e-03	0.0	60.0	87.72	1.15	-4.29	39.46	-562.45	157.53
						120.0	87.72	-20.00	-4.29	39.46	-819.56	-408.25
47	29	149.87	6.49	-1.21e-04	-33.30	0.0	-1.05	16.71	1.00e-03	-1.57	6.37	-353.06
		-353.06	6.37	-2.40e-05	0.0	60.0	-1.05	0.06	1.00e-03	-1.57	6.43	149.87
						120.0	-1.05	-16.59	1.00e-03	-1.57	6.49	-346.20
47	31	200.61	4.79	-1.79e-04	-42.30	0.0	-0.84	21.22	4.78e-04	-1.11	4.74	-437.83
		-437.83	4.74	-1.95e-05	0.0	60.0	-0.84	0.07	4.78e-04	-1.11	4.77	200.61
						120.0	-0.84	-21.08	4.78e-04	-1.11	4.79	-429.96
47	32	163.68	-261.04	3.90e-04	-42.30	0.0	75.07	22.14	-3.67	33.66	-261.04	-530.28
		-530.28	-701.79	-1.68e-03	0.0	60.0	75.07	0.99	-3.67	33.66	-481.42	163.68
						120.0	75.07	-20.16	-3.67	33.66	-701.79	-411.35
48	1	1190.14	34.33	-1.29e-03	-129.48	0.0	-1.53	44.03	0.21	9.11	0.0	0.0
		-3312.96	0.0	-9.49e-05	0.0	80.0	-1.53	-20.71	0.21	9.11	17.17	933.12
						160.0	-1.53	-85.45	0.21	9.11	34.33	-3312.96
48	3	1.925e+04	33.72	-0.02	-1569.48	0.0	-3.39	615.07	0.21	-5.32	0.0	0.0
		-2.715e+04	0.0	-1.58e-04	0.0	80.0	-3.39	-169.67	0.21	-5.32	16.86	1.782e+04
						160.0	-3.39	-954.41	0.21	-5.32	33.72	-2.715e+04
48	4	2.196e+04	0.0	-0.02	-1569.48	0.0	15.25	657.02	-31.51	-29.87	0.0	0.0
		-2.043e+04	-5041.00	1.64e-03	0.0	80.0	15.25	-127.72	-31.51	-29.87	-2520.50	2.117e+04
						160.0	15.25	-912.46	-31.51	-29.87	-5041.00	-2.043e+04
48	12	7068.35	0.0	-5.18e-03	-99.60	0.0	25.47	93.81	-45.15	-28.42	0.0	0.0
		0.0	-7224.63	2.44e-03	0.0	80.0	25.47	44.01	-45.15	-28.42	-3612.32	5512.78
						160.0	25.47	-5.79	-45.15	-28.42	-7224.63	7041.57
48	14	1.759e+04	0.0	-0.02	-1107.60	0.0	24.17	493.54	-45.16	-38.53	0.0	0.0
		-9642.13	-7225.06	2.42e-03	0.0	80.0	24.17	-60.26	-45.16	-38.53	-3612.53	1.733e+04
						160.0	24.17	-614.06	-45.16	-38.53	-7225.06	-9642.13
48	15	915.68	25.79	-9.95e-04	-99.60	0.0	-1.17	33.88	0.16	6.85	0.0	0.0
		-2547.83	0.0	-7.02e-05	0.0	80.0	-1.17	-15.92	0.16	6.85	12.89	718.09
						160.0	-1.17	-65.72	0.16	6.85	25.79	-2547.83
48	17	1.295e+04	25.38	-0.01	-1059.60	0.0	-2.41	414.57	0.16	-2.77	0.0	0.0
		-1.844e+04	0.0	-1.13e-04	0.0	80.0	-2.41	-115.23	0.16	-2.77	12.69	1.197e+04
						160.0	-2.41	-645.03	0.16	-2.77	25.38	-1.844e+04
48	18	1.475e+04	0.0	-0.02	-1059.60	0.0	10.02	442.54	-20.99	-19.14	0.0	0.0
		-1.396e+04	-3357.77	1.09e-03	0.0	80.0	10.02	-87.26	-20.99	-19.14	-1678.89	1.421e+04
						160.0	10.02	-617.06	-20.99	-19.14	-3357.77	-1.396e+04
48	19	4377.44	0.0	-3.76e-03	-99.60	0.0	16.58	73.83	-30.05	-16.53	0.0	0.0
		0.0	-4807.29	1.61e-03	0.0	80.0	16.58	24.03	-30.05	-16.53	-2403.64	3914.29
						160.0	16.58	-25.77	-30.05	-16.53	-4807.29	3844.58
48	21	1.201e+04	0.0	-0.01	-771.60	0.0	15.72	340.31	-30.05	-23.26	0.0	0.0
		-7277.89	-4807.57	1.59e-03	0.0	80.0	15.72	-45.49	-30.05	-23.26	-2403.79	1.179e+04
						160.0	15.72	-431.29	-30.05	-23.26	-4807.57	-7277.89
48	22	915.68	25.79	-9.95e-04	-99.60	0.0	-1.17	33.88	0.16	6.85	0.0	0.0
		-2547.83	0.0	-7.02e-05	0.0	80.0	-1.17	-15.92	0.16	6.85	12.89	718.09
						160.0	-1.17	-65.72	0.16	6.85	25.79	-2547.83
48	24	6932.83	25.58	-7.63e-03	-579.60	0.0	-1.79	224.22	0.16	2.04	0.0	0.0
		-1.049e+04	0.0	-9.14e-05	0.0	80.0	-1.79	-65.58	0.16	2.04	12.79	6345.78
						160.0	-1.79	-355.38	0.16	2.04	25.58	-1.049e+04
48	25	8498.44	0.0	-9.29e-03	-579.60	0.0	8.86	248.19	-17.96	-11.99	0.0	0.0
		-6657.00	-2874.26	9.36e-04	0.0	80.0	8.86	-41.61	-17.96	-11.99	-1437.13	8263.50
						160.0	8.86	-331.41	-17.96	-11.99	-2874.26	-6657.00
48	26	3071.79	0.0	-2.92e-03	-99.60	0.0	11.26	61.84	-20.98	-9.51	0.0	0.0
		0.0	-3357.36	1.11e-03	0.0	80.0	11.26	12.04	-20.98	-9.51	-1678.68	2955.43
						160.0	11.26	-37.76	-20.98	-9.51	-3357.36	1926.86
48	28	6388.41	0.0	-6.91e-03	-387.60	0.0	10.89	176.05	-20.98	-12.40	0.0	0.0
		-2839.91	-3357.49	1.11e-03	0.0	80.0	10.89	-17.75	-20.98	-12.40	-1678.74	6332.04
						160.0	10.89	-211.55	-20.98	-12.40	-3357.49	-2839.91
48	29	915.68	25.79	-9.95e-04	-99.60	0.0	-1.17	33.88	0.16	6.85	0.0	0.0
		-2547.83	0.0	-7.02e-05	0.0	80.0	-1.17	-15.92	0.16	6.85	12.89	718.09
						160.0	-1.17	-65.72	0.16	6.85	25.79	-2547.83
48	30	2685.16	0.0	-2.64e-03	-99.60	0.0	9.48	57.85	-17.96	-7.18	0.0	0.0
		0.0	-2874.06	9.46e-04	0.0	80.0	9.48	8.05	-17.96	-7.18	-1437.03	2635.81

						160.0	9.48	-41.75	-17.96	-7.18	-2874.06	1287.62
48	31	4524.52	25.66	-4.97e-03	-387.60	0.0	-1.54	148.08	0.16	3.96	0.0	0.0
		-7314.60	0.0	-8.29e-05	0.0	80.0	-1.54	-45.72	0.16	3.96	12.83	4094.70
						160.0	-1.54	-239.52	0.16	3.96	25.66	-7314.60
48	32	6108.74	0.0	-6.63e-03	-387.60	0.0	9.11	172.06	-17.96	-10.06	0.0	0.0
		-3479.16	-2874.18	9.40e-04	0.0	80.0	9.11	-21.74	-17.96	-10.06	-1437.09	6012.42
						160.0	9.11	-215.54	-17.96	-10.06	-2874.18	-3479.16
49	3	1.557e+04	47.47	-0.02	-1471.39	0.0	-9.21	918.77	-0.32	-2.45	47.47	-2.746e+04
		-2.746e+04	0.0	4.83e-05	0.0	75.0	-9.21	183.08	-0.32	-2.45	23.73	1.386e+04
						150.0	-9.21	-552.62	-0.32	-2.45	0.0	0.0
49	4	1.240e+04	5996.86	-0.02	-1471.39	0.0	-318.05	976.89	-39.98	-19.75	5996.86	-3.618e+04
		-3.618e+04	0.0	-2.20e-03	0.0	75.0	-318.05	241.20	-39.98	-19.75	2998.43	9498.86
						150.0	-318.05	-494.50	-39.98	-19.75	0.0	0.0
49	5	479.70	0.0	-6.32e-03	-93.38	0.0	-8.88	68.91	8.11e-03	-6.70	-1.22	-3333.55
		-3333.55	-1.22	-3.01e-06	0.0	75.0	-8.88	22.22	8.11e-03	-6.70	-0.61	84.00
						150.0	-8.88	-24.46	8.11e-03	-6.70	0.0	0.0
49	7	1.545e+04	45.88	-0.02	-1443.38	0.0	-6.50	898.08	-0.31	-0.17	45.88	-2.646e+04
		-2.646e+04	0.0	4.77e-05	0.0	75.0	-6.50	176.39	-0.31	-0.17	22.94	1.383e+04
						150.0	-6.50	-545.30	-0.31	-0.17	0.0	0.0
49	9	0.0	8499.49	-0.01	-121.39	0.0	-452.78	172.63	-56.66	-33.69	8499.49	-1.679e+04
		-1.679e+04	0.0	-3.14e-03	0.0	75.0	-452.78	111.94	-56.66	-33.69	4249.75	-6119.29
						150.0	-452.78	51.24	-56.66	-33.69	0.0	0.0
49	11	6877.35	8532.46	-0.02	-1066.39	0.0	-451.12	753.05	-56.88	-29.13	8532.46	-3.298e+04
		-3.298e+04	0.0	-3.14e-03	0.0	75.0	-451.12	219.85	-56.88	-29.13	4266.23	3505.72
						150.0	-451.12	-313.34	-56.88	-29.13	0.0	0.0
49	15	479.39	0.0	-6.32e-03	-93.38	0.0	-8.90	68.92	2.46e-03	-6.81	-0.37	-3334.79
		-3334.79	-0.37	-2.35e-06	0.0	75.0	-8.90	22.23	2.46e-03	-6.81	-0.18	83.39
						150.0	-8.90	-24.46	2.46e-03	-6.81	0.0	0.0
49	17	1.043e+04	31.03	-0.01	-993.38	0.0	-7.31	621.70	-0.21	-2.47	31.03	-1.875e+04
		-1.875e+04	0.0	3.14e-05	0.0	75.0	-7.31	125.01	-0.21	-2.47	15.52	9250.07
						150.0	-7.31	-371.68	-0.21	-2.47	0.0	0.0
49	18	8330.48	3997.29	-0.01	-993.38	0.0	-213.21	660.44	-26.65	-14.00	3997.29	-2.456e+04
		-2.456e+04	0.0	-1.47e-03	0.0	75.0	-213.21	163.76	-26.65	-14.00	1998.64	6344.10
						150.0	-213.21	-332.93	-26.65	-14.00	0.0	0.0
49	19	0.0	5665.71	-9.92e-03	-93.38	0.0	-303.03	124.27	-37.77	-23.29	5665.71	-1.164e+04
		-1.164e+04	0.0	-2.10e-03	0.0	75.0	-303.03	77.58	-37.77	-23.29	2832.86	-4068.00
						150.0	-303.03	30.90	-37.77	-23.29	0.0	0.0
49	21	4646.82	5687.69	-0.01	-723.38	0.0	-301.92	511.22	-37.92	-20.25	5687.69	-2.243e+04
		-2.243e+04	0.0	-2.10e-03	0.0	75.0	-301.92	149.53	-37.92	-20.25	2843.85	2348.68
						150.0	-301.92	-212.16	-37.92	-20.25	0.0	0.0
49	22	479.39	0.0	-6.32e-03	-93.38	0.0	-8.90	68.92	2.46e-03	-6.81	-0.37	-3334.79
		-3334.79	-0.37	-2.35e-06	0.0	75.0	-8.90	22.23	2.46e-03	-6.81	-0.18	83.39
						150.0	-8.90	-24.46	2.46e-03	-6.81	0.0	0.0
49	24	5410.35	15.33	-8.91e-03	-543.38	0.0	-8.10	345.31	-0.10	-4.64	15.33	-1.104e+04
		-1.104e+04	0.0	1.49e-05	0.0	75.0	-8.10	73.62	-0.10	-4.64	7.67	4666.73
						150.0	-8.10	-198.07	-0.10	-4.64	0.0	0.0
49	25	3747.81	3414.98	-9.13e-03	-543.38	0.0	-184.58	378.52	-22.77	-14.53	3414.98	-1.602e+04
		-1.602e+04	0.0	-1.26e-03	0.0	75.0	-184.58	106.83	-22.77	-14.53	1707.49	2175.90
						150.0	-184.58	-164.86	-22.77	-14.53	0.0	0.0
49	26	0.0	3965.89	-8.84e-03	-93.38	0.0	-214.79	107.67	-26.44	-18.35	3965.89	-9146.73
		-9146.73	0.0	-1.47e-03	0.0	75.0	-214.79	60.98	-26.44	-18.35	1982.94	-2822.58
						150.0	-214.79	14.29	-26.44	-18.35	0.0	0.0
49	28	1667.03	3975.31	-8.71e-03	-363.38	0.0	-214.31	273.50	-26.50	-17.04	3975.31	-1.377e+04
		-1.377e+04	0.0	-1.47e-03	0.0	75.0	-214.31	91.81	-26.50	-17.04	1987.65	-72.58
						150.0	-214.31	-89.88	-26.50	-17.04	0.0	0.0
49	29	479.39	0.0	-6.32e-03	-93.38	0.0	-8.90	68.92	2.46e-03	-6.81	-0.37	-3334.79
		-3334.79	-0.37	-2.35e-06	0.0	75.0	-8.90	22.23	2.46e-03	-6.81	-0.18	83.39
						150.0	-8.90	-24.46	2.46e-03	-6.81	0.0	0.0
49	30	0.0	3399.28	-8.48e-03	-93.38	0.0	-185.38	102.13	-22.66	-16.70	3399.28	-8316.45
		-8316.45	0.0	-1.26e-03	0.0	75.0	-185.38	55.44	-22.66	-16.70	1699.64	-2407.44
						150.0	-185.38	8.76	-22.66	-16.70	0.0	0.0
49	31	3402.53	9.05	-7.27e-03	-363.38	0.0	-8.42	234.75	-0.06	-5.51	9.05	-7959.78
		-7959.78	0.0	7.78e-06	0.0	75.0	-8.42	53.07	-0.06	-5.51	4.53	2833.39
						150.0	-8.42	-128.62	-0.06	-5.51	0.0	0.0
49	32	1874.60	3408.70	-8.35e-03	-363.38	0.0	-184.90	267.96	-22.72	-15.40	3408.70	-1.294e+04
		-1.294e+04	0.0	-1.26e-03	0.0	75.0	-184.90	86.28	-22.72	-15.40	1704.35	342.56
						150.0	-184.90	-95.41	-22.72	-15.40	0.0	0.0
50	7	-55.23	1.02	2.70e-04	-31.50	0.0	-6.49	13.91	0.04	0.21	-4.19	-423.95
		-644.29	-4.19	-2.06e-06	0.0	60.0	-6.49	-1.84	0.04	0.21	-1.59	-61.62
						120.0	-6.49	-17.59	0.04	0.21	1.02	-644.29
50	8	-51.73	95.71	2.77e-04	-31.50	0.0	108.32	12.01	10.40	17.42	-1152.05	-326.37

		-775.25	-1152.05	-2.91e-03	0.0	60.0	108.32	-3.74	10.40	17.42	-528.17	-78.31
						120.0	108.32	-19.49	10.40	17.42	95.71	-775.25
50	9	-220.46	150.86	6.22e-05	-40.95	0.0	165.53	17.86	14.98	26.89	-1646.46	-687.83
		-1001.61	-1646.46	-4.19e-03	0.0	60.0	165.53	-2.61	14.98	26.89	-747.80	-230.47
						120.0	165.53	-23.09	14.98	26.89	150.86	-1001.61
50	11	-210.09	143.19	2.20e-04	-40.95	0.0	160.32	16.57	14.91	25.78	-1645.86	-610.28
		-1078.74	-1645.86	-4.17e-03	0.0	60.0	160.32	-3.90	14.91	25.78	-751.34	-230.26
						120.0	160.32	-24.38	14.91	25.78	143.19	-1078.74
50	17	-115.10	4.69	1.90e-04	-31.50	0.0	-3.89	14.57	0.08	0.73	-4.52	-518.31
		-659.82	-4.52	-9.34e-06	0.0	60.0	-3.89	-1.18	0.08	0.73	0.08	-116.56
						120.0	-3.89	-16.93	0.08	0.73	4.69	-659.82
50	19	-126.80	102.17	3.81e-05	-31.50	0.0	110.42	13.98	10.00	18.17	-1098.29	-499.23
		-711.08	-1098.29	-2.80e-03	0.0	60.0	110.42	-1.77	10.00	18.17	-498.06	-132.65
						120.0	110.42	-17.52	10.00	18.17	102.17	-711.08
50	21	-120.21	97.05	1.48e-04	-31.50	0.0	106.94	13.13	9.96	17.43	-1097.89	-447.53
		-762.50	-1097.89	-2.79e-03	0.0	60.0	106.94	-2.62	9.96	17.43	-500.42	-132.51
						120.0	106.94	-18.37	9.96	17.43	97.05	-762.50
50	24	-116.66	8.34	1.09e-04	-31.50	0.0	-1.40	15.18	0.11	1.26	-4.81	-555.24
		-623.09	-4.81	-1.67e-05	0.0	60.0	-1.40	-0.57	0.11	1.26	1.77	-116.66
						120.0	-1.40	-16.32	0.11	1.26	8.34	-623.09
50	25	-121.18	62.44	1.13e-04	-31.50	0.0	64.20	14.10	6.03	11.09	-660.72	-499.47
		-697.92	-660.72	-1.68e-03	0.0	60.0	64.20	-1.65	6.03	11.09	-299.14	-126.20
						120.0	64.20	-17.40	6.03	11.09	62.44	-697.92
50	26	-126.11	75.11	3.46e-05	-31.50	0.0	77.62	14.53	7.05	13.26	-770.33	-527.11
		-673.66	-770.33	-1.96e-03	0.0	60.0	77.62	-1.22	7.05	13.26	-347.61	-127.89
						120.0	77.62	-16.97	7.05	13.26	75.11	-673.66
50	30	-125.88	66.10	3.34e-05	-31.50	0.0	66.68	14.71	6.06	11.62	-661.01	-536.40
		-661.19	-661.01	-1.69e-03	0.0	60.0	66.68	-1.04	6.06	11.62	-297.46	-126.30
						120.0	66.68	-16.79	6.06	11.62	66.10	-661.19
50	31	-116.70	9.80	7.72e-05	-31.50	0.0	-0.41	15.43	0.12	1.47	-4.92	-570.01
		-608.39	-4.92	-1.96e-05	0.0	60.0	-0.41	-0.32	0.12	1.47	2.44	-116.70
						120.0	-0.41	-16.07	0.12	1.47	9.80	-608.39
50	32	-123.06	63.90	8.10e-05	-31.50	0.0	65.19	14.34	6.04	11.30	-660.84	-514.25
		-683.23	-660.84	-1.68e-03	0.0	60.0	65.19	-1.41	6.04	11.30	-298.47	-126.24
						120.0	65.19	-17.16	6.04	11.30	63.90	-683.23
51	3	640.93	2.20	1.41e-03	-29.35	0.0	25.19	-11.60	0.02	3.71	0.77	640.93
		-1618.36	0.77	-1.03e-05	0.0	43.0	25.19	-26.27	0.02	3.71	1.48	-173.23
						86.0	25.19	-40.94	0.02	3.71	2.20	-1618.36
51	5	468.17	7.82	8.65e-04	-22.57	0.0	14.03	-6.47	0.01	1.08	6.84	468.17
		-1059.27	6.84	-3.48e-05	0.0	43.0	14.03	-17.76	0.01	1.08	7.33	-52.87
						86.0	14.03	-29.05	0.01	1.08	7.82	-1059.27
51	9	136.18	3221.90	1.02e-03	-29.35	0.0	229.93	-3.89	99.10	-1.027e+04	-5300.51	136.18
		-1460.12	-5300.51	-3.14e-03	0.0	43.0	229.93	-18.56	99.10	-1.027e+04	-1039.31	-346.48
						86.0	229.93	-33.24	99.10	-1.027e+04	3221.90	-1460.12
51	11	141.66	3216.21	1.02e-03	-29.35	0.0	233.28	-4.00	99.09	-1.027e+04	-5305.74	141.66
		-1464.49	-5305.74	-3.12e-03	0.0	43.0	233.28	-18.68	99.09	-1.027e+04	-1044.77	-345.93
						86.0	233.28	-33.35	99.09	-1.027e+04	3216.21	-1464.49
51	14	-21.93	3213.70	4.78e-04	-22.58	0.0	226.90	0.96	99.08	-1.027e+04	-5307.14	-23.29
		-911.65	-5307.14	-3.10e-03	0.0	43.0	226.90	-10.33	99.08	-1.027e+04	-1046.72	-224.79
						86.0	226.90	-21.62	99.08	-1.027e+04	3213.70	-911.65
51	15	478.82	7.89	9.89e-04	-22.57	0.0	14.97	-7.79	0.02	1.10	6.56	478.82
		-1161.47	6.56	-3.49e-05	0.0	43.0	14.97	-19.07	0.02	1.10	7.22	-98.64
						86.0	14.97	-30.36	0.02	1.10	7.89	-1161.47
51	17	484.03	2.47	9.88e-04	-22.57	0.0	18.16	-7.89	0.01	2.60	1.57	484.03
		-1165.64	1.57	-1.14e-05	0.0	43.0	18.16	-19.18	0.01	2.60	2.02	-98.12
						86.0	18.16	-30.47	0.01	2.60	2.47	-1165.64
51	19	147.53	2148.94	7.32e-04	-22.57	0.0	154.65	-2.76	66.06	-6849.25	-3532.61	147.53
		-1060.14	-3532.61	-2.10e-03	0.0	43.0	154.65	-14.04	66.06	-6849.25	-691.84	-213.62
						86.0	154.65	-25.33	66.06	-6849.25	2148.94	-1060.14
51	21	151.18	2145.14	7.31e-04	-22.57	0.0	156.89	-2.83	66.06	-6848.20	-3536.10	151.18
		-1063.06	-3536.10	-2.08e-03	0.0	43.0	156.89	-14.12	66.06	-6848.20	-695.48	-213.26
						86.0	156.89	-25.41	66.06	-6848.20	2145.14	-1063.06
51	22	478.82	7.89	9.89e-04	-22.57	0.0	14.97	-7.79	0.02	1.10	6.56	478.82
		-1161.47	6.56	-3.49e-05	0.0	43.0	14.97	-19.07	0.02	1.10	7.22	-98.64
						86.0	14.97	-30.36	0.02	1.10	7.89	-1161.47
51	24	481.42	5.18	9.89e-04	-22.57	0.0	16.57	-7.84	0.01	1.85	4.07	481.42
		-1163.55	4.07	-2.31e-05	0.0	43.0	16.57	-19.13	0.01	1.85	4.62	-98.38
						86.0	16.57	-30.42	0.01	1.85	5.18	-1163.55
51	26	246.92	1506.62	8.09e-04	-22.57	0.0	112.75	-4.26	46.25	-4794.14	-2470.86	246.92
		-1090.54	-2470.86	-1.48e-03	0.0	43.0	112.75	-15.55	46.25	-4794.14	-482.12	-179.13
						86.0	112.75	-26.84	46.25	-4794.14	1506.62	-1090.54

51	28	248.48	1505.00	8.09e-04	-22.58	0.0	113.71	-4.30	46.25	-4793.69	-2472.35	248.48
		-1091.79	-2472.35	-1.47e-03	0.0	43.0	113.71	-15.58	46.25	-4793.69	-483.68	-178.97
						86.0	113.71	-26.87	46.25	-4793.69	1505.00	-1091.79
51	29	478.82	7.89	9.89e-04	-22.57	0.0	14.97	-7.79	0.02	1.10	6.56	478.82
		-1161.47	6.56	-3.49e-05	0.0	43.0	14.97	-19.07	0.02	1.10	7.22	-98.64
						86.0	14.97	-30.36	0.02	1.10	7.89	-1161.47
51	30	280.05	1292.52	8.35e-04	-22.57	0.0	98.78	-4.77	39.64	-4109.11	-2116.94	280.05
		-1100.67	-2116.94	-1.27e-03	0.0	43.0	98.78	-16.05	39.64	-4109.11	-412.21	-167.63
						86.0	98.78	-27.34	39.64	-4109.11	1292.52	-1100.67
51	31	480.38	6.26	9.89e-04	-22.58	0.0	15.93	-7.82	0.01	1.55	5.06	480.38
		-1162.72	5.06	-2.78e-05	0.0	43.0	15.93	-19.11	0.01	1.55	5.66	-98.49
						86.0	15.93	-30.39	0.01	1.55	6.26	-1162.72
51	32	281.61	1290.89	8.34e-04	-22.58	0.0	99.74	-4.80	39.64	-4108.66	-2118.44	281.61
		-1101.92	-2118.44	-1.27e-03	0.0	43.0	99.74	-16.09	39.64	-4108.66	-413.77	-167.47
						86.0	99.74	-27.38	39.64	-4108.66	1290.89	-1101.92
52	3	1131.24	1.77	9.28e-04	-23.55	0.0	22.37	-27.94	0.02	-1.17	0.27	1131.24
		-1608.90	0.27	-5.02e-06	0.0	34.5	22.37	-39.71	0.02	-1.17	1.02	-35.74
						69.0	22.37	-51.49	0.02	-1.17	1.77	-1608.90
52	5	766.39	7.54	6.30e-04	-18.11	0.0	12.79	-17.46	0.02	-1.29	6.36	766.39
		-1063.40	6.36	-1.06e-05	0.0	34.5	12.79	-26.52	0.02	-1.29	6.95	7.71
						69.0	12.79	-35.58	0.02	-1.29	7.54	-1063.40
52	9	543.98	2857.96	4.83e-04	-23.55	0.0	258.42	-17.51	135.39	-1.913e+04	-6483.71	543.98
		-1476.30	-6483.71	-6.50e-03	0.0	34.5	258.42	-29.28	135.39	-1.913e+04	-1812.88	-263.07
						69.0	258.42	-41.05	135.39	-1.913e+04	2857.96	-1476.30
52	11	562.69	2852.21	4.96e-04	-23.55	0.0	261.21	-18.00	135.39	-1.913e+04	-6489.43	562.69
		-1491.72	-6489.43	-6.50e-03	0.0	34.5	261.21	-29.77	135.39	-1.913e+04	-1818.61	-261.43
						69.0	261.21	-41.55	135.39	-1.913e+04	2852.21	-1491.72
52	14	224.56	2849.78	2.16e-04	-18.11	0.0	255.63	-8.23	135.38	-1.913e+04	-6491.49	224.56
		-968.25	-6491.49	-6.49e-03	0.0	34.5	255.63	-17.29	135.38	-1.913e+04	-1820.86	-215.62
						69.0	255.63	-26.34	135.38	-1.913e+04	2849.78	-968.25
52	15	813.44	7.61	6.69e-04	-18.11	0.0	13.55	-19.43	0.02	-1.29	6.43	813.44
		-1152.29	6.43	-1.05e-05	0.0	34.5	13.55	-28.49	0.02	-1.29	7.02	-13.21
						69.0	13.55	-37.55	0.02	-1.29	7.61	-1152.29
52	17	831.26	2.14	6.81e-04	-18.11	0.0	16.22	-19.90	0.02	-0.96	0.99	831.26
		-1166.98	0.99	-4.79e-06	0.0	34.5	16.22	-28.96	0.02	-0.96	1.57	-11.64
						69.0	16.22	-38.02	0.02	-0.96	2.14	-1166.98
52	19	439.74	1906.27	3.85e-04	-18.11	0.0	173.58	-12.95	90.26	-1.276e+04	-4321.66	439.74
		-1078.58	-4321.66	-4.34e-03	0.0	34.5	173.58	-22.00	90.26	-1.276e+04	-1207.70	-163.20
						69.0	173.58	-31.06	90.26	-1.276e+04	1906.27	-1078.58
52	21	452.22	1902.44	3.93e-04	-18.11	0.0	175.44	-13.28	90.26	-1.276e+04	-4325.47	452.22
		-1088.86	-4325.47	-4.33e-03	0.0	34.5	175.44	-22.33	90.26	-1.276e+04	-1211.52	-162.10
						69.0	175.44	-31.39	90.26	-1.276e+04	1902.44	-1088.86
52	22	813.44	7.61	6.69e-04	-18.11	0.0	13.55	-19.43	0.02	-1.29	6.43	813.44
		-1152.29	6.43	-1.05e-05	0.0	34.5	13.55	-28.49	0.02	-1.29	7.02	-13.21
						69.0	13.55	-37.55	0.02	-1.29	7.61	-1152.29
52	24	822.35	4.88	6.75e-04	-18.11	0.0	14.88	-19.67	0.02	-1.12	3.71	822.35
		-1159.64	3.71	-7.64e-06	0.0	34.5	14.88	-28.72	0.02	-1.12	4.29	-12.43
						69.0	14.88	-37.78	0.02	-1.12	4.88	-1159.64
52	26	551.85	1336.67	4.70e-04	-18.11	0.0	125.57	-14.89	63.19	-8929.73	-3023.23	551.85
		-1100.69	-3023.23	-3.04e-03	0.0	34.5	125.57	-23.95	63.19	-8929.73	-843.28	-118.20
						69.0	125.57	-33.01	63.19	-8929.73	1336.67	-1100.69
52	28	557.20	1335.03	4.74e-04	-18.11	0.0	126.37	-15.04	63.19	-8929.63	-3024.87	557.20
		-1105.10	-3024.87	-3.04e-03	0.0	34.5	126.37	-24.09	63.19	-8929.63	-844.92	-117.73
						69.0	126.37	-33.15	63.19	-8929.63	1335.03	-1105.10
52	29	813.44	7.61	6.69e-04	-18.11	0.0	13.55	-19.43	0.02	-1.29	6.43	813.44
		-1152.29	6.43	-1.05e-05	0.0	34.5	13.55	-28.49	0.02	-1.29	7.02	-13.21
						69.0	13.55	-37.55	0.02	-1.29	7.61	-1152.29
52	30	589.22	1146.81	4.99e-04	-18.11	0.0	109.57	-15.54	54.16	-7654.24	-2590.43	589.22
		-1108.06	-2590.43	-2.61e-03	0.0	34.5	109.57	-24.60	54.16	-7654.24	-721.81	-103.20
						69.0	109.57	-33.65	54.16	-7654.24	1146.81	-1108.06
52	31	818.78	5.97	6.73e-04	-18.11	0.0	14.35	-19.57	0.02	-1.19	4.80	818.78
		-1156.70	4.80	-8.78e-06	0.0	34.5	14.35	-28.63	0.02	-1.19	5.39	-12.74
						69.0	14.35	-37.69	0.02	-1.19	5.97	-1156.70
52	32	594.57	1145.17	5.02e-04	-18.11	0.0	110.37	-15.68	54.16	-7654.14	-2592.06	594.57
		-1112.47	-2592.06	-2.60e-03	0.0	34.5	110.37	-24.74	54.16	-7654.14	-723.45	-102.73
						69.0	110.37	-33.80	54.16	-7654.14	1145.17	-1112.47
53	4	840.96	1650.68	-1.31e-03	-35.15	0.0	123.66	29.96	31.35	-1185.54	-1578.81	-473.34
		-473.34	-1578.81	9.56e-05	0.0	51.5	123.66	12.39	31.35	-1185.54	35.93	617.10
						103.0	123.66	-5.19	31.35	-1185.54	1650.68	802.45
53	5	409.20	8.50	-5.97e-04	-27.04	0.0	14.85	17.27	0.46	4.51	-38.73	-158.56
		-158.56	-38.73	-6.02e-05	0.0	51.5	14.85	3.75	0.46	4.51	-15.12	382.68

						103.0	14.85	-9.77	0.46	4.51	8.50	227.70
53	9	814.92	2364.82	-1.28e-03	-35.15	0.0	158.92	30.57	44.69	-1702.13	-2238.53	-554.00
		-554.00	-2238.53	1.08e-04	0.0	51.5	158.92	12.99	44.69	-1702.13	63.14	567.64
						103.0	158.92	-4.58	44.69	-1702.13	2364.82	784.21
53	11	838.94	2359.42	-1.33e-03	-35.15	0.0	163.04	30.68	44.62	-1699.22	-2236.27	-540.34
		-540.34	-2236.27	1.20e-04	0.0	51.5	163.04	13.11	44.62	-1699.22	61.57	587.22
						103.0	163.04	-4.47	44.62	-1699.22	2359.42	809.71
53	15	515.99	8.06	-7.67e-04	-27.04	0.0	15.92	19.68	0.45	4.56	-38.67	-221.18
		-221.18	-38.67	-5.90e-05	0.0	51.5	15.92	6.16	0.45	4.56	-15.31	444.32
						103.0	15.92	-7.36	0.45	4.56	8.06	413.60
53	17	537.45	2.92	-8.12e-04	-27.04	0.0	19.84	19.79	0.38	7.33	-36.52	-208.17
		-208.17	-36.52	-1.45e-05	0.0	51.5	19.84	6.27	0.38	7.33	-16.80	462.96
						103.0	19.84	-7.25	0.38	7.33	2.92	437.89
53	19	514.07	1577.91	-8.36e-04	-27.04	0.0	107.35	21.39	29.86	-1134.18	-1497.55	-357.08
		-357.08	-1497.55	7.08e-05	0.0	51.5	107.35	7.87	29.86	-1134.18	40.18	396.58
						103.0	107.35	-5.64	29.86	-1134.18	1577.91	454.02
53	21	529.58	1574.31	-8.68e-04	-27.04	0.0	110.10	21.47	29.81	-1132.24	-1496.04	-347.98
		-347.98	-1496.04	7.81e-05	0.0	51.5	110.10	7.95	29.81	-1132.24	39.14	409.63
						103.0	110.10	-5.57	29.81	-1132.24	1574.31	471.02
53	22	515.99	8.06	-7.67e-04	-27.04	0.0	15.92	19.68	0.45	4.56	-38.67	-221.18
		-221.18	-38.67	-5.90e-05	0.0	51.5	15.92	6.16	0.45	4.56	-15.31	444.32
						103.0	15.92	-7.36	0.45	4.56	8.06	413.60
53	24	526.72	5.49	-7.89e-04	-27.04	0.0	17.88	19.74	0.42	5.95	-37.59	-214.68
		-214.68	-37.59	-3.68e-05	0.0	51.5	17.88	6.22	0.42	5.95	-16.05	453.64
						103.0	17.88	-7.30	0.42	5.95	5.49	425.75
53	26	513.42	1106.96	-8.13e-04	-27.04	0.0	79.92	20.88	21.04	-792.56	-1059.89	-316.31
		-316.31	-1059.89	-4.88e-05	0.0	51.5	79.92	7.36	21.04	-792.56	23.54	410.90
						103.0	79.92	-6.16	21.04	-792.56	1106.96	441.89
53	28	519.86	1105.41	-8.27e-04	-27.04	0.0	81.10	20.91	21.02	-791.73	-1059.24	-312.41
		-312.41	-1059.24	5.02e-05	0.0	51.5	81.10	7.39	21.02	-791.73	23.09	416.49
						103.0	81.10	-6.12	21.02	-791.73	1105.41	449.18
53	29	515.99	8.06	-7.67e-04	-27.04	0.0	15.92	19.68	0.45	4.56	-38.67	-221.18
		-221.18	-38.67	-5.90e-05	0.0	51.5	15.92	6.16	0.45	4.56	-15.31	444.32
						103.0	15.92	-7.36	0.45	4.56	8.06	413.60
53	30	513.79	949.97	-8.07e-04	-27.04	0.0	70.78	20.71	18.10	-678.69	-914.00	-302.72
		-302.72	-914.00	-4.77e-05	0.0	51.5	70.78	7.19	18.10	-678.69	17.99	415.67
						103.0	70.78	-6.33	18.10	-678.69	949.97	437.85
53	31	522.43	6.52	-7.80e-04	-27.04	0.0	17.10	19.71	0.43	5.39	-38.03	-217.28
		-217.28	-38.03	-4.58e-05	0.0	51.5	17.10	6.20	0.43	5.39	-15.75	449.91
						103.0	17.10	-7.32	0.43	5.39	6.52	420.89
53	32	520.23	948.43	-8.20e-04	-27.04	0.0	71.96	20.74	18.08	-677.85	-913.35	-298.82
		-298.82	-913.35	4.24e-05	0.0	51.5	71.96	7.22	18.08	-677.85	17.54	421.27
						103.0	71.96	-6.30	18.08	-677.85	948.43	445.14
54	3	9831.18	28.04	-0.01	-812.04	0.0	-42.47	316.11	0.18	-9.14	0.0	0.0
		-1.439e+04	0.0	-1.79e-04	0.0	80.0	-42.47	-89.91	0.18	-9.14	14.02	9048.04
						160.0	-42.47	-495.93	0.18	-9.14	28.04	-1.439e+04
54	4	1.129e+04	0.0	-0.01	-812.04	0.0	-104.08	338.89	-12.59	176.70	0.0	0.0
		-1.074e+04	-2013.92	-1.07e-03	0.0	80.0	-104.08	-67.13	-12.59	176.70	-1006.96	1.087e+04
						160.0	-104.08	-473.15	-12.59	176.70	-2013.92	-1.074e+04
54	7	9639.35	22.13	-0.01	-790.80	0.0	-31.32	308.93	0.14	-11.01	0.0	0.0
		-1.384e+04	0.0	-1.50e-04	0.0	80.0	-31.32	-86.47	0.14	-11.01	11.06	8898.46
						160.0	-31.32	-481.87	0.14	-11.01	22.13	-1.384e+04
54	9	3520.04	0.0	-3.57e-03	-92.04	0.0	-136.24	63.64	-18.11	273.50	0.0	0.0
		0.0	-2897.55	-1.38e-03	0.0	80.0	-136.24	17.62	-18.11	273.50	-1448.77	3250.33
						160.0	-136.24	-28.40	-18.11	273.50	-2897.55	2819.06
54	12	3600.61	0.0	-3.28e-03	-70.80	0.0	-125.10	56.46	-18.15	271.63	0.0	0.0
		0.0	-2903.46	-1.35e-03	0.0	80.0	-125.10	21.06	-18.15	271.63	-1451.73	3100.76
						160.0	-125.10	-14.34	-18.15	271.63	-2903.46	3369.52
54	17	6639.22	20.09	-7.57e-03	-550.80	0.0	-33.25	213.93	0.13	-5.28	0.0	0.0
		-9835.41	0.0	-1.27e-04	0.0	80.0	-33.25	-61.47	0.13	-5.28	10.05	6098.30
						160.0	-33.25	-336.87	0.13	-5.28	20.09	-9835.41
54	18	7603.86	0.0	-8.62e-03	-550.80	0.0	-74.33	229.11	-8.38	118.61	0.0	0.0
		-7405.76	-1341.22	-7.24e-04	0.0	80.0	-74.33	-46.29	-8.38	118.61	-670.61	7313.12
						160.0	-74.33	-321.69	-8.38	118.61	-1341.22	-7405.76
54	19	2348.95	0.0	-2.51e-03	-70.80	0.0	-95.77	45.61	-12.06	183.15	0.0	0.0
		0.0	-1930.30	-9.28e-04	0.0	80.0	-95.77	10.21	-12.06	183.15	-965.15	2233.16
						160.0	-95.77	-25.19	-12.06	183.15	-1930.30	1634.32
54	24	3639.00	17.26	-4.28e-03	-310.80	0.0	-35.17	118.92	0.11	0.44	0.0	0.0
		-5836.01	0.0	-1.01e-04	0.0	80.0	-35.17	-36.48	0.11	0.44	8.63	3298.00
						160.0	-35.17	-191.88	0.11	0.44	17.26	-5836.01
54	25	4476.74	0.0	-5.18e-03	-310.80	0.0	-70.38	131.94	-7.18	106.63	0.0	0.0

		-3753.45	-1149.58	-6.13e-04	0.0	80.0	-70.38	-23.46	-7.18	106.63	-574.79	4339.27
						160.0	-70.38	-178.86	-7.18	106.63	-1149.58	-3753.45
54	26	1727.46	0.0	-2.05e-03	-70.80	0.0	-78.17	39.11	-8.42	130.05	0.0	0.0
		0.0	-1346.88	-6.72e-04	0.0	80.0	-78.17	3.71	-8.42	130.05	-673.44	1712.52
						160.0	-78.17	-31.69	-8.42	130.05	-1346.88	593.04
54	30	1538.97	0.0	-1.90e-03	-70.80	0.0	-72.30	36.94	-7.20	112.35	0.0	0.0
		0.0	-1152.41	-5.87e-04	0.0	80.0	-72.30	1.54	-7.20	112.35	-576.21	1538.97
						160.0	-72.30	-33.86	-7.20	112.35	-1152.41	245.95
54	31	2438.91	16.13	-2.96e-03	-214.80	0.0	-35.94	80.92	0.10	2.72	0.0	0.0
		-4236.25	0.0	-9.06e-05	0.0	80.0	-35.94	-26.48	0.10	2.72	8.06	2177.88
						160.0	-35.94	-133.88	0.10	2.72	16.13	-4236.25
54	32	3286.63	0.0	-3.86e-03	-214.80	0.0	-71.15	93.94	-7.19	108.92	0.0	0.0
		-2153.69	-1150.71	-6.03e-04	0.0	80.0	-71.15	-13.46	-7.19	108.92	-575.36	3219.15
						160.0	-71.15	-120.86	-7.19	108.92	-1150.71	-2153.69
55	1	368.35	18.13	-7.35e-03	-86.29	0.0	-57.37	65.68	-0.12	-14.19	18.13	-3380.28
		-3380.28	0.0	-8.51e-06	0.0	75.0	-57.37	22.54	-0.12	-14.19	9.06	-72.25
						150.0	-57.37	-20.61	-0.12	-14.19	0.0	0.0
55	3	7710.03	65.15	-0.01	-761.29	0.0	-51.00	481.48	-0.43	-16.90	65.15	-1.513e+04
		-1.513e+04	0.0	5.69e-05	0.0	75.0	-51.00	100.84	-0.43	-16.90	32.58	6711.50
						150.0	-51.00	-279.81	-0.43	-16.90	0.0	0.0
55	4	5814.66	2752.79	-0.01	-761.29	0.0	-24.98	518.29	-18.35	125.42	2752.79	-2.065e+04
		-2.065e+04	0.0	-9.11e-04	0.0	75.0	-24.98	137.65	-18.35	125.42	1376.39	3950.65
						150.0	-24.98	-243.00	-18.35	125.42	0.0	0.0
55	5	283.39	12.61	-5.66e-03	-66.38	0.0	-44.14	50.52	-0.08	-10.92	12.61	-2600.02
		-2600.02	0.0	-6.58e-06	0.0	75.0	-44.14	17.33	-0.08	-10.92	6.31	-55.48
						150.0	-44.14	-15.85	-0.08	-10.92	0.0	0.0
55	11	2985.47	3890.52	-0.01	-558.79	0.0	-15.74	409.33	-25.94	187.23	3890.52	-1.949e+04
		-1.949e+04	0.0	-1.30e-03	0.0	75.0	-15.74	129.93	-25.94	187.23	1945.26	732.30
						150.0	-15.74	-149.46	-25.94	187.23	0.0	0.0
55	14	2900.51	3885.01	-0.01	-538.88	0.0	-2.51	394.17	-25.90	190.49	3885.01	-1.871e+04
		-1.871e+04	0.0	-1.30e-03	0.0	75.0	-2.51	124.73	-25.90	190.49	1942.50	749.07
						150.0	-2.51	-144.71	-25.90	190.49	0.0	0.0
55	15	283.37	13.36	-5.66e-03	-66.38	0.0	-44.13	50.52	-0.09	-10.92	13.36	-2600.13
		-2600.13	0.0	-6.56e-06	0.0	75.0	-44.13	17.33	-0.09	-10.92	6.68	-55.53
						150.0	-44.13	-15.85	-0.09	-10.92	0.0	0.0
55	17	5165.61	44.72	-8.48e-03	-516.38	0.0	-39.89	327.72	-0.30	-12.72	44.72	-1.043e+04
		-1.043e+04	0.0	3.72e-05	0.0	75.0	-39.89	69.53	-0.30	-12.72	22.36	4466.97
						150.0	-39.89	-188.65	-0.30	-12.72	0.0	0.0
55	18	3910.72	1836.47	-9.35e-03	-516.38	0.0	-22.54	352.26	-12.24	82.15	1836.47	-1.411e+04
		-1.411e+04	0.0	-6.08e-04	0.0	75.0	-22.54	94.08	-12.24	82.15	918.24	2626.40
						150.0	-22.54	-164.11	-12.24	82.15	0.0	0.0
55	21	2028.11	2594.96	-9.48e-03	-381.38	0.0	-16.38	279.62	-17.30	123.36	2594.96	-1.334e+04
		-1.334e+04	0.0	-8.68e-04	0.0	75.0	-16.38	88.93	-17.30	123.36	1297.48	480.83
						150.0	-16.38	-101.75	-17.30	123.36	0.0	0.0
55	22	283.37	13.36	-5.66e-03	-66.38	0.0	-44.13	50.52	-0.09	-10.92	13.36	-2600.13
		-2600.13	0.0	-6.56e-06	0.0	75.0	-44.13	17.33	-0.09	-10.92	6.68	-55.53
						150.0	-44.13	-15.85	-0.09	-10.92	0.0	0.0
55	24	2678.65	29.04	-6.37e-03	-291.38	0.0	-42.01	189.12	-0.19	-11.82	29.04	-6515.13
		-6515.13	0.0	1.83e-05	0.0	75.0	-42.01	43.43	-0.19	-11.82	14.52	2205.72
						150.0	-42.01	-102.25	-0.19	-11.82	0.0	0.0
55	25	1679.86	1564.83	-7.96e-03	-291.38	0.0	-27.14	210.16	-10.43	69.50	1564.83	-9670.39
		-9670.39	0.0	-5.23e-04	0.0	75.0	-27.14	64.47	-10.43	69.50	782.42	628.09
						150.0	-27.14	-81.22	-10.43	69.50	0.0	0.0
55	28	682.69	1814.53	-8.30e-03	-201.38	0.0	-25.51	158.22	-12.10	83.42	1814.53	-8630.27
		-8630.27	0.0	-6.10e-04	0.0	75.0	-25.51	57.54	-12.10	83.42	907.26	-539.35
						150.0	-25.51	-43.15	-12.10	83.42	0.0	0.0
55	29	283.37	13.36	-5.66e-03	-66.38	0.0	-44.13	50.52	-0.09	-10.92	13.36	-2600.13
		-2600.13	0.0	-6.56e-06	0.0	75.0	-44.13	17.33	-0.09	-10.92	6.68	-55.53
						150.0	-44.13	-15.85	-0.09	-10.92	0.0	0.0
55	31	1698.21	22.77	-5.76e-03	-201.38	0.0	-42.86	133.68	-0.15	-11.46	22.77	-4949.13
		-4949.13	0.0	9.31e-06	0.0	75.0	-42.86	32.99	-0.15	-11.46	11.38	1301.22
						150.0	-42.86	-67.69	-0.15	-11.46	0.0	0.0
55	32	805.74	1558.56	-7.93e-03	-201.38	0.0	-27.99	154.72	-10.39	69.87	1558.56	-8104.39
		-8104.39	0.0	-5.23e-04	0.0	75.0	-27.99	54.03	-10.39	69.87	779.28	-276.42
						150.0	-27.99	-46.66	-10.39	69.87	0.0	0.0
56	1	219.09	8.24	-1.88e-04	-43.29	0.0	-1.29	21.74	-9.99e-03	-1.91	8.24	-436.23
		-436.23	7.04	-3.07e-06	0.0	60.0	-1.29	0.10	-9.99e-03	-1.91	7.64	219.09
						120.0	-1.29	-21.55	-9.99e-03	-1.91	7.04	-424.29
56	3	472.64	-0.25	-4.24e-04	-88.29	0.0	-0.23	44.24	-6.90e-03	-3.46	-0.25	-857.39
		-857.39	-1.08	-9.78e-06	0.0	60.0	-0.23	0.09	-6.90e-03	-3.46	-0.67	472.64
						120.0	-0.23	-44.05	-6.90e-03	-3.46	-1.08	-846.03

56	4	394.86	-1126.23	6.91e-04	-88.29	0.0	169.50	41.54	1.38	-168.83	-1292.25	-773.38
		-1085.60	-1292.25	-7.62e-03	0.0	60.0	169.50	-2.60	1.38	-168.83	-1209.24	394.86
						120.0	169.50	-46.75	1.38	-168.83	-1126.23	-1085.60
56	14	247.11	-1607.32	8.97e-04	-64.80	0.0	242.20	28.62	1.98	-238.82	-1845.17	-511.21
		-964.90	-1845.17	-0.01	0.0	60.0	242.20	-3.78	1.98	-238.82	-1726.25	233.95
						120.0	242.20	-36.18	1.98	-238.82	-1607.32	-964.90
56	15	168.12	6.40	-1.44e-04	-33.30	0.0	-1.00	16.73	-7.10e-03	-1.48	6.40	-335.93
		-335.93	5.55	-2.31e-06	0.0	60.0	-1.00	0.08	-7.10e-03	-1.48	5.97	168.12
						120.0	-1.00	-16.57	-7.10e-03	-1.48	5.55	-326.83
56	17	337.15	0.74	-3.01e-04	-63.30	0.0	-0.29	31.72	-5.04e-03	-2.52	0.74	-616.71
		-616.71	0.13	-6.12e-06	0.0	60.0	-0.29	0.07	-5.04e-03	-2.52	0.43	337.15
						120.0	-0.29	-31.58	-5.04e-03	-2.52	0.13	-607.99
56	18	285.30	-749.97	4.71e-04	-63.30	0.0	112.86	29.92	0.92	-112.76	-860.59	-560.70
		-767.71	-860.59	-5.08e-03	0.0	60.0	112.86	-1.73	0.92	-112.76	-805.28	285.30
						120.0	112.86	-33.38	0.92	-112.76	-749.97	-767.71
56	21	218.35	-1069.81	6.22e-04	-54.30	0.0	161.14	24.66	1.32	-159.70	-1228.03	-452.46
		-751.81	-1228.03	-7.26e-03	0.0	60.0	161.14	-2.49	1.32	-159.70	-1148.92	212.36
						120.0	161.14	-29.64	1.32	-159.70	-1069.81	-751.81
56	22	168.12	6.40	-1.44e-04	-33.30	0.0	-1.00	16.73	-7.10e-03	-1.48	6.40	-335.93
		-335.93	5.55	-2.31e-06	0.0	60.0	-1.00	0.08	-7.10e-03	-1.48	5.97	168.12
						120.0	-1.00	-16.57	-7.10e-03	-1.48	5.55	-326.83
56	24	252.64	3.57	-2.22e-04	-48.30	0.0	-0.65	24.22	-6.07e-03	-2.00	3.57	-476.32
		-476.32	2.84	-2.95e-06	0.0	60.0	-0.65	0.07	-6.07e-03	-2.00	3.20	252.64
						120.0	-0.65	-24.08	-6.07e-03	-2.00	2.84	-467.41
56	25	208.19	-640.10	4.05e-04	-48.30	0.0	96.34	22.68	0.79	-96.49	-734.71	-428.31
		-604.31	-734.71	-4.35e-03	0.0	60.0	96.34	-1.47	0.79	-96.49	-687.41	208.19
						120.0	96.34	-25.62	0.79	-96.49	-640.10	-604.31
56	28	169.98	-746.18	4.53e-04	-42.30	0.0	112.36	19.43	0.92	-112.03	-856.63	-364.16
		-570.90	-856.63	-5.08e-03	0.0	60.0	112.36	-1.72	0.92	-112.03	-801.40	166.97
						120.0	112.36	-22.87	0.92	-112.03	-746.18	-570.90
56	29	168.12	6.40	-1.44e-04	-33.30	0.0	-1.00	16.73	-7.10e-03	-1.48	6.40	-335.93
		-335.93	5.55	-2.31e-06	0.0	60.0	-1.00	0.08	-7.10e-03	-1.48	5.97	168.12
						120.0	-1.00	-16.57	-7.10e-03	-1.48	5.55	-326.83
56	31	218.83	4.70	-1.91e-04	-42.30	0.0	-0.79	21.22	-6.48e-03	-1.79	4.70	-420.16
		-420.16	3.92	-2.57e-06	0.0	60.0	-0.79	0.07	-6.48e-03	-1.79	4.31	218.83
						120.0	-0.79	-21.08	-6.48e-03	-1.79	3.92	-411.18
56	32	175.46	-639.02	4.00e-04	-42.30	0.0	96.20	19.68	0.79	-96.28	-733.58	-372.16
		-548.08	-733.58	-4.35e-03	0.0	60.0	96.20	-1.47	0.79	-96.28	-686.30	174.38
						120.0	96.20	-22.62	0.79	-96.28	-639.02	-548.08
57	1	103.69	3.60	-3.67e-04	-40.95	0.0	6.98	15.08	-0.55	12.34	3.60	-229.41
		-876.75	-61.98	1.13e-04	0.0	60.0	6.98	-5.39	-0.55	12.34	-29.19	61.17
						120.0	6.98	-25.87	-0.55	12.34	-61.98	-876.75
57	5	119.22	3.07	-2.89e-04	-31.50	0.0	4.66	12.61	-0.42	9.44	3.07	-182.53
		-559.11	-47.87	8.52e-05	0.0	60.0	4.66	-3.14	-0.42	9.44	-22.40	101.68
						120.0	4.66	-18.89	-0.42	9.44	-47.87	-559.11
57	7	156.65	1.26	-8.57e-04	-31.50	0.0	8.18	16.61	-0.37	12.92	1.26	-367.25
		-367.25	-43.06	1.50e-04	0.0	60.0	8.18	0.86	-0.37	12.92	-20.90	156.65
						120.0	8.18	-14.89	-0.37	12.92	-43.06	-264.45
57	9	-376.13	2777.58	3.69e-04	-40.95	0.0	46.84	17.85	15.89	1082.99	870.79	-842.96
		-1158.00	870.79	-3.35e-03	0.0	60.0	46.84	-2.63	15.89	1082.99	1824.19	-386.23
						120.0	46.84	-23.10	15.89	1082.99	2777.58	-1158.00
57	11	-347.75	2780.95	-5.63e-05	-40.95	0.0	49.30	20.65	15.93	1085.42	869.53	-972.26
		-972.26	869.53	-3.31e-03	0.0	60.0	49.30	0.17	15.93	1085.42	1825.24	-347.75
						120.0	49.30	-20.30	15.93	1085.42	2780.95	-951.73
57	14	-296.41	2795.06	8.69e-05	-31.50	0.0	46.98	18.18	16.05	1082.52	869.00	-925.38
		-925.38	869.00	-3.33e-03	0.0	60.0	46.98	2.43	16.05	1082.52	1832.03	-307.23
						120.0	46.98	-13.32	16.05	1082.52	2795.06	-634.09
57	15	96.92	2.90	-2.80e-04	-31.50	0.0	5.06	12.04	-0.42	9.47	2.90	-179.11
		-624.29	-47.76	8.64e-05	0.0	60.0	5.06	-3.71	-0.42	9.47	-22.43	70.80
						120.0	5.06	-19.46	-0.42	9.47	-47.76	-624.29
57	17	107.92	1.70	-6.70e-04	-31.50	0.0	7.41	14.70	-0.39	11.79	1.70	-302.25
		-427.84	-44.55	1.30e-04	0.0	60.0	7.41	-1.05	-0.39	11.79	-21.43	107.45
						120.0	7.41	-16.80	-0.39	11.79	-44.55	-427.84
57	19	-220.86	1845.28	2.13e-04	-31.50	0.0	31.63	13.89	10.54	723.23	581.03	-588.14
		-811.78	581.03	-2.22e-03	0.0	60.0	31.63	-1.86	10.54	723.23	1213.15	-227.46
						120.0	31.63	-17.61	10.54	723.23	1845.28	-811.78
57	21	-201.81	1847.52	-6.74e-05	-31.50	0.0	33.28	15.75	10.56	724.86	580.19	-674.34
		-674.34	580.19	-2.20e-03	0.0	60.0	33.28	5.39e-04	10.56	724.86	1213.85	-201.81
						120.0	33.28	-15.75	10.56	724.86	1847.52	-674.27
57	22	96.92	2.90	-2.80e-04	-31.50	0.0	5.06	12.04	-0.42	9.47	2.90	-179.11
		-624.29	-47.76	8.64e-05	0.0	60.0	5.06	-3.71	-0.42	9.47	-22.43	70.80

						120.0	5.06	-19.46	-0.42	9.47	-47.76	-624.29
57	24	99.58	2.30	-4.72e-04	-31.50	0.0	6.24	13.37	-0.40	10.63	2.30	-240.68
		-526.07	-46.16	1.08e-04	0.0	60.0	6.24	-2.38	-0.40	10.63	-21.93	89.13
						120.0	6.24	-18.13	-0.40	10.63	-46.16	-526.07
57	26	-127.23	1277.37	6.73e-05	-31.50	0.0	23.66	13.33	7.25	509.11	407.59	-465.43
		-755.53	407.59	-1.53e-03	0.0	60.0	23.66	-2.42	7.25	509.11	842.48	-137.98
						120.0	23.66	-18.17	7.25	509.11	1277.37	-755.53
57	28	-122.23	1278.33	-5.44e-05	-31.50	0.0	24.37	14.13	7.26	509.80	407.23	-502.37
		-696.60	407.23	-1.52e-03	0.0	60.0	24.37	-1.62	7.26	509.80	842.78	-126.99
						120.0	24.37	-17.37	7.26	509.80	1278.33	-696.60
57	29	96.92	2.90	-2.80e-04	-31.50	0.0	5.06	12.04	-0.42	9.47	2.90	-179.11
		-624.29	-47.76	8.64e-05	0.0	60.0	5.06	-3.71	-0.42	9.47	-22.43	70.80
						120.0	5.06	-19.46	-0.42	9.47	-47.76	-624.29
57	30	-96.02	1088.06	-3.19e-05	-31.50	0.0	21.01	13.15	6.15	437.73	349.78	-424.52
		-736.78	349.78	-1.30e-03	0.0	60.0	21.01	-2.60	6.15	437.73	718.92	-108.15
						120.0	21.01	-18.35	6.15	437.73	1088.06	-736.78
57	32	-91.02	1089.02	-1.03e-04	-31.50	0.0	21.71	13.95	6.16	438.42	349.42	-461.47
		-677.85	349.42	-1.29e-03	0.0	60.0	21.71	-1.80	6.16	438.42	719.22	-97.16
						120.0	21.71	-17.55	6.16	438.42	1089.02	-677.85
58	3	63.91	-5.10	-7.40e-04	-10.77	0.0	-25.02	5.64	2.71e-03	-8.21e-04	-5.47	-138.03
		-138.03	-5.47	5.87e-05	0.0	68.5	-25.02	0.26	2.71e-03	-8.21e-04	-5.29	63.91
						137.0	-25.02	-5.13	2.71e-03	-8.21e-04	-5.10	-103.08
58	5	48.65	-2.31	-5.32e-04	-8.29	0.0	-12.78	4.28	2.84e-03	-2.68e-03	-2.70	-102.55
		-102.55	-2.70	2.25e-05	0.0	68.5	-12.78	0.14	2.84e-03	-2.68e-03	-2.51	48.65
						137.0	-12.78	-4.01	2.84e-03	-2.68e-03	-2.31	-83.94
58	9	59.81	-522.18	-6.72e-04	-10.77	0.0	154.57	5.65	-153.71	-10.73	-579.16	-142.88
		-142.88	-5829.45	0.06	308.25	68.5	154.57	0.27	0.42	-10.73	-5829.45	59.81
						137.0	154.57	-5.12	154.54	-10.73	-522.18	-106.42
58	11	60.05	-523.59	-6.74e-04	-10.77	0.0	149.94	5.65	-153.71	-10.73	-580.49	-142.64
		-142.64	-5830.82	0.06	308.25	68.5	149.94	0.27	0.42	-10.73	-5830.82	60.05
						137.0	149.94	-5.12	154.54	-10.73	-523.59	-106.18
58	12	44.89	-521.41	-4.68e-04	-8.29	0.0	160.20	4.29	-153.71	-10.73	-578.29	-107.06
		-107.06	-5828.63	0.06	308.25	68.5	160.20	0.15	0.42	-10.73	-5828.63	44.89
						137.0	160.20	-4.00	154.54	-10.73	-521.41	-86.94
58	15	48.79	-2.34	-5.51e-04	-8.29	0.0	-13.56	4.31	2.82e-03	-3.22e-03	-2.73	-104.75
		-104.75	-2.73	2.27e-05	0.0	68.5	-13.56	0.17	2.82e-03	-3.22e-03	-2.54	48.79
						137.0	-13.56	-3.97	2.82e-03	-3.22e-03	-2.34	-81.46
58	17	49.02	-3.69	-5.54e-04	-8.29	0.0	-17.97	4.31	2.19e-03	-6.21e-04	-4.00	-104.52
		-104.52	-4.00	4.20e-05	0.0	68.5	-17.97	0.17	2.19e-03	-6.21e-04	-3.85	49.02
						137.0	-17.97	-3.97	2.19e-03	-6.21e-04	-3.69	-81.23
58	19	46.29	-348.41	-5.08e-04	-8.29	0.0	101.76	4.32	-102.47	-7.16	-386.45	-107.76
		-107.76	-3886.62	0.04	205.50	68.5	101.76	0.18	0.28	-7.16	-3886.62	46.29
						137.0	101.76	-3.97	103.03	-7.16	-348.41	-83.46
58	21	46.45	-349.36	-5.10e-04	-8.29	0.0	98.67	4.32	-102.47	-7.15	-387.34	-107.60
		-107.60	-3887.54	0.04	205.50	68.5	98.67	0.18	0.28	-7.15	-3887.54	46.45
						137.0	98.67	-3.97	103.03	-7.15	-349.36	-83.30
58	22	48.79	-2.34	-5.51e-04	-8.29	0.0	-13.56	4.31	2.82e-03	-3.22e-03	-2.73	-104.75
		-104.75	-2.73	2.27e-05	0.0	68.5	-13.56	0.17	2.82e-03	-3.22e-03	-2.54	48.79
						137.0	-13.56	-3.97	2.82e-03	-3.22e-03	-2.34	-81.46
58	24	48.90	-3.02	-5.53e-04	-8.29	0.0	-15.77	4.31	2.51e-03	-1.92e-03	-3.36	-104.63
		-104.63	-3.36	3.23e-05	0.0	68.5	-15.77	0.17	2.51e-03	-1.92e-03	-3.19	48.90
						137.0	-15.77	-3.97	2.51e-03	-1.92e-03	-3.02	-81.35
58	26	47.04	-244.59	-5.21e-04	-8.29	0.0	67.16	4.32	-71.73	-5.01	-271.34	-106.85
		-106.85	-2721.39	0.03	143.85	68.5	67.16	0.18	0.20	-5.01	-2721.39	47.04
						137.0	67.16	-3.97	72.12	-5.01	-244.59	-82.86
58	28	47.11	-245.00	-5.22e-04	-8.29	0.0	65.84	4.32	-71.73	-5.01	-271.72	-106.78
		-106.78	-2721.79	0.03	143.85	68.5	65.84	0.18	0.20	-5.01	-2721.79	47.11
						137.0	65.84	-3.97	72.12	-5.01	-245.00	-82.79
58	29	48.79	-2.34	-5.51e-04	-8.29	0.0	-13.56	4.31	2.82e-03	-3.22e-03	-2.73	-104.75
		-104.75	-2.73	2.27e-05	0.0	68.5	-13.56	0.17	2.82e-03	-3.22e-03	-2.54	48.79
						137.0	-13.56	-3.97	2.82e-03	-3.22e-03	-2.34	-81.46
58	30	47.29	-209.98	-5.26e-04	-8.29	0.0	55.63	4.32	-61.48	-4.29	-232.96	-106.55
		-106.55	-2332.99	0.02	123.30	68.5	55.63	0.17	0.17	-4.29	-2332.99	47.29
						137.0	55.63	-3.97	61.82	-4.29	-209.98	-82.66
58	31	48.86	-2.75	-5.52e-04	-8.29	0.0	-14.88	4.31	2.63e-03	-2.44e-03	-3.11	-104.68
		-104.68	-3.11	2.85e-05	0.0	68.5	-14.88	0.17	2.63e-03	-2.44e-03	-2.93	48.86
						137.0	-14.88	-3.97	2.63e-03	-2.44e-03	-2.75	-81.39
58	32	47.36	-210.39	-5.26e-04	-8.29	0.0	54.31	4.32	-61.48	-4.29	-233.34	-106.48
		-106.48	-2333.38	0.02	123.30	68.5	54.31	0.17	0.17	-4.29	-2333.38	47.36
						137.0	54.31	-3.97	61.82	-4.29	-210.39	-82.59
59	5	610.00	-2.97	3.23e-05	-2.62	0.0	-10.11	47.04	-0.60	-159.20	-2.97	152.74

		152.74	-8.92	-6.72e-06	0.0	5.0	-10.11	45.73	-0.60	-159.20	-5.94	384.65
						10.0	-10.11	44.41	-0.60	-159.20	-8.92	610.00
59	7	207.12	-5.27	9.78e-04	-2.62	0.0	-10.62	-253.11	6.29e-03	-496.52	-5.33	207.12
		-2337.15	-5.33	-1.30e-06	0.0	5.0	-10.62	-254.43	6.29e-03	-496.52	-5.30	-1061.73
						10.0	-10.62	-255.74	6.29e-03	-496.52	-5.27	-2337.15
59	9	5102.87	-4662.19	2.40e-03	-3.41	0.0	-1010.13	372.93	-154.07	7685.30	-4662.19	1390.66
		1390.66	-6202.93	-4.76e-05	0.0	5.0	-1010.13	371.22	-154.07	7685.30	-5432.56	3251.03
						10.0	-1010.13	369.51	-154.07	7685.30	-6202.93	5102.87
59	11	3039.86	-4663.84	3.06e-03	-3.41	0.0	-1010.48	162.82	-153.65	7449.18	-4663.84	1428.73
		1428.73	-6200.38	-4.32e-05	0.0	5.0	-1010.48	161.11	-153.65	7449.18	-5432.11	2238.56
						10.0	-1010.48	159.41	-153.65	7449.18	-6200.38	3039.86
59	15	610.74	-3.00	3.21e-05	-2.62	0.0	-10.13	47.11	-0.58	-159.11	-3.00	152.72
		152.72	-8.85	-6.71e-06	0.0	5.0	-10.13	45.80	-0.58	-159.11	-5.93	385.01
						10.0	-10.13	44.49	-0.58	-159.11	-8.85	610.74
59	17	188.98	-4.58	6.63e-04	-2.62	0.0	-10.47	-152.99	-0.18	-383.98	-4.58	188.98
		-1354.03	-6.42	-3.35e-06	0.0	5.0	-10.47	-154.30	-0.18	-383.98	-5.50	-579.24
						10.0	-10.47	-155.61	-0.18	-383.98	-6.42	-1354.03
59	19	3482.85	-3108.50	1.61e-03	-2.62	0.0	-674.75	254.85	-102.80	5102.26	-3108.50	947.49
		947.49	-4136.51	-3.28e-05	0.0	5.0	-674.75	253.54	-102.80	5102.26	-3622.51	2218.45
						10.0	-674.75	252.22	-102.80	5102.26	-4136.51	3482.85
59	21	2107.52	-3109.60	2.05e-03	-2.62	0.0	-674.99	114.78	-102.52	4944.84	-3109.60	972.86
		972.86	-4134.81	-2.98e-05	0.0	5.0	-674.99	113.47	-102.52	4944.84	-3622.21	1543.47
						10.0	-674.99	112.15	-102.52	4944.84	-4134.81	2107.52
59	22	610.74	-3.00	3.21e-05	-2.62	0.0	-10.13	47.11	-0.58	-159.11	-3.00	152.72
		152.72	-8.85	-6.71e-06	0.0	5.0	-10.13	45.80	-0.58	-159.11	-5.93	385.01
						10.0	-10.13	44.49	-0.58	-159.11	-8.85	610.74
59	24	170.85	-3.79	3.47e-04	-2.62	0.0	-10.30	-52.94	-0.38	-271.55	-3.79	170.85
		-371.64	-7.63	-5.45e-06	0.0	5.0	-10.30	-54.25	-0.38	-271.55	-5.71	-97.12
						10.0	-10.30	-55.56	-0.38	-271.55	-7.63	-371.64
59	26	2621.22	-2176.85	1.13e-03	-2.62	0.0	-475.37	192.53	-72.14	3523.85	-2176.85	709.06
		709.06	-2898.21	-2.52e-05	0.0	5.0	-475.37	191.22	-72.14	3523.85	-2537.53	1668.42
						10.0	-475.37	189.90	-72.14	3523.85	-2898.21	2621.22
59	28	2031.79	-2177.32	1.32e-03	-2.62	0.0	-475.47	132.50	-72.02	3456.38	-2177.32	719.93
		719.93	-2897.48	-2.39e-05	0.0	5.0	-475.47	131.19	-72.02	3456.38	-2537.40	1379.14
						10.0	-475.47	129.87	-72.02	3456.38	-2897.48	2031.79
59	29	610.74	-3.00	3.21e-05	-2.62	0.0	-10.13	47.11	-0.58	-159.11	-3.00	152.72
		152.72	-8.85	-6.71e-06	0.0	5.0	-10.13	45.80	-0.58	-159.11	-5.93	385.01
						10.0	-10.13	44.49	-0.58	-159.11	-8.85	610.74
59	30	2334.01	-1866.30	9.76e-04	-2.62	0.0	-408.90	171.76	-61.91	2997.71	-1866.30	629.58
		629.58	-2485.45	-2.27e-05	0.0	5.0	-408.90	170.44	-61.91	2997.71	-2175.87	1485.08
						10.0	-408.90	169.13	-61.91	2997.71	-2485.45	2334.01
59	31	163.60	-3.48	2.21e-04	-2.62	0.0	-10.23	-12.92	-0.46	-226.57	-3.48	163.60
		21.31	-8.12	-7.20e-06	0.0	5.0	-10.23	-14.23	-0.46	-226.57	-5.80	95.74
						10.0	-10.23	-15.54	-0.46	-226.57	-8.12	21.31
59	32	1744.58	-1866.77	1.17e-03	-2.62	0.0	-409.00	111.72	-61.79	2930.25	-1866.77	640.46
		640.46	-2484.72	-2.14e-05	0.0	5.0	-409.00	110.41	-61.79	2930.25	-2175.75	1195.80
						10.0	-409.00	109.10	-61.79	2930.25	-2484.72	1744.58
60	1	795.47	9.25	-1.62e-03	-40.95	0.0	-1.95	37.06	-0.10	12.40	9.25	-1214.60
		-1214.60	-2.43	5.51e-06	0.0	60.0	-1.95	16.58	-0.10	12.40	3.41	394.70
						120.0	-1.95	-3.89	-0.10	12.40	-2.43	775.50
60	3	740.93	-0.29	-1.62e-03	-40.95	0.0	-8.91	37.05	-0.02	12.57	-0.29	-1267.98
		-1267.98	-3.03	-5.57e-06	0.0	60.0	-8.91	16.57	-0.02	12.57	-1.66	340.65
						120.0	-8.91	-3.90	-0.02	12.57	-3.03	720.79
60	12	280.04	2232.67	-8.57e-04	-31.50	0.0	164.83	20.67	54.43	-87.00	-4298.56	-532.15
		-532.15	-4298.56	-0.01	0.0	60.0	164.83	4.92	54.43	-87.00	-1032.94	235.72
						120.0	164.83	-10.83	54.43	-87.00	2232.67	58.59
60	14	242.08	2232.25	-8.57e-04	-31.50	0.0	159.95	20.66	54.48	-86.88	-4305.24	-569.51
		-569.51	-4305.24	-0.01	0.0	60.0	159.95	4.91	54.48	-86.88	-1036.49	197.89
						120.0	159.95	-10.84	54.48	-86.88	2232.25	20.29
60	15	515.29	6.95	-1.08e-03	-31.50	0.0	-1.23	26.81	-0.07	8.35	6.95	-852.59
		-852.59	-1.46	4.09e-06	0.0	60.0	-1.23	11.06	-0.07	8.35	2.74	283.43
						120.0	-1.23	-4.69	-0.07	8.35	-1.46	474.45
60	17	478.93	0.59	-1.08e-03	-31.50	0.0	-5.87	26.80	-0.02	8.46	0.59	-888.17
		-888.17	-1.86	-3.30e-06	0.0	60.0	-5.87	11.05	-0.02	8.46	-0.63	247.41
						120.0	-5.87	-4.70	-0.02	8.46	-1.86	437.98
60	19	404.19	1487.61	-1.08e-03	-31.50	0.0	109.25	24.19	36.26	-54.19	-2863.25	-709.79
		-709.79	-2863.25	-7.11e-03	0.0	60.0	109.25	8.44	36.26	-54.19	-687.82	269.11
						120.0	109.25	-7.31	36.26	-54.19	1487.61	303.01
60	21	378.81	1487.33	-1.08e-03	-31.50	0.0	106.00	24.18	36.29	-54.11	-2867.70	-734.70
		-734.70	-2867.70	-7.12e-03	0.0	60.0	106.00	8.43	36.29	-54.11	-690.18	243.89
						120.0	106.00	-7.32	36.29	-54.11	1487.33	277.48

60	22	515.29	6.95	-1.08e-03	-31.50	0.0	-1.23	26.81	-0.07	8.35	6.95	-852.59
		-852.59	-1.46	4.09e-06	0.0	60.0	-1.23	11.06	-0.07	8.35	2.74	283.43
						120.0	-1.23	-4.69	-0.07	8.35	-1.46	474.45
60	24	497.11	3.77	-1.08e-03	-31.50	0.0	-3.55	26.80	-0.05	8.41	3.77	-870.38
		-870.38	-1.66	0.0	0.0	60.0	-3.55	11.05	-0.05	8.41	1.05	265.42
						120.0	-3.55	-4.70	-0.05	8.41	-1.66	456.22
60	26	434.80	1040.89	-1.08e-03	-31.50	0.0	76.10	24.98	25.36	-35.43	-2002.19	-752.63
		-752.63	-2002.19	-4.98e-03	0.0	60.0	76.10	9.23	25.36	-35.43	-480.65	273.41
						120.0	76.10	-6.52	25.36	-35.43	1040.89	354.44
60	28	423.91	1040.77	-1.08e-03	-31.50	0.0	74.71	24.97	25.37	-35.39	-2004.10	-763.30
		-763.30	-2004.10	-4.98e-03	0.0	60.0	74.71	9.22	25.37	-35.39	-481.66	262.60
						120.0	74.71	-6.53	25.37	-35.39	1040.77	343.50
60	29	515.29	6.95	-1.08e-03	-31.50	0.0	-1.23	26.81	-0.07	8.35	6.95	-852.59
		-852.59	-1.46	4.09e-06	0.0	60.0	-1.23	11.06	-0.07	8.35	2.74	283.43
						120.0	-1.23	-4.69	-0.07	8.35	-1.46	474.45
60	30	446.05	891.98	-1.08e-03	-31.50	0.0	65.05	25.24	21.73	-29.17	-1715.17	-766.91
		-766.91	-1715.17	-4.27e-03	0.0	60.0	65.05	9.49	21.73	-29.17	-411.59	274.84
						120.0	65.05	-6.26	21.73	-29.17	891.98	371.59
60	31	504.38	5.04	-1.08e-03	-31.50	0.0	-2.62	26.81	-0.06	8.38	5.04	-863.26
		-863.26	-1.58	1.87e-06	0.0	60.0	-2.62	11.06	-0.06	8.38	1.73	272.63
						120.0	-2.62	-4.69	-0.06	8.38	-1.58	463.51
60	32	435.16	891.86	-1.08e-03	-31.50	0.0	63.66	25.24	21.74	-29.14	-1717.08	-777.58
		-777.58	-1717.08	-4.27e-03	0.0	60.0	63.66	9.49	21.74	-29.14	-412.61	264.03
						120.0	63.66	-6.26	21.74	-29.14	891.86	360.65
61	1	208.53	4.45	4.35e-04	-40.95	0.0	0.14	10.54	0.25	2.88	-25.58	45.96
		-1146.52	-25.58	-1.43e-05	0.0	60.0	0.14	-9.94	0.25	2.88	-10.56	63.97
						120.0	0.14	-30.41	0.25	2.88	4.45	-1146.52
61	7	246.49	11.53	-1.64e-03	-31.50	0.0	-4.82	21.08	-0.29	29.99	11.53	-599.60
		-599.60	-23.57	7.25e-05	0.0	60.0	-4.82	5.33	-0.29	29.99	-6.02	192.92
						120.0	-4.82	-10.42	-0.29	29.99	-23.57	40.45
61	9	-13.34	1785.10	2.68e-03	-40.95	0.0	173.37	102.41	12.15	-6.97	327.68	-9845.75
		-9845.75	327.68	-4.11e-03	0.0	60.0	173.37	81.94	12.15	-6.97	1056.39	-4315.29
						120.0	173.37	61.46	12.15	-6.97	1785.10	-13.34
61	14	930.18	1765.05	2.04e-03	-31.50	0.0	169.86	109.37	11.75	11.75	355.57	-1.030e+04
		-1.030e+04	355.57	-4.05e-03	0.0	60.0	169.86	93.62	11.75	11.75	1060.31	-4214.25
						120.0	169.86	77.87	11.75	11.75	1765.05	930.18
61	15	169.34	3.24	3.41e-04	-31.50	0.0	0.05	8.54	0.19	2.14	-19.46	31.20
		-833.73	-19.46	-1.18e-05	0.0	60.0	0.05	-7.21	0.19	2.14	-8.11	71.24
						120.0	0.05	-22.96	0.19	2.14	3.24	-833.73
61	17	133.27	1.02	-9.85e-04	-31.50	0.0	-3.15	16.53	-0.13	20.78	1.02	-385.73
		-385.73	-14.47	4.51e-05	0.0	60.0	-3.15	0.78	-0.13	20.78	-6.73	133.27
						120.0	-3.15	-14.97	-0.13	20.78	-14.47	-292.73
61	19	-78.27	1190.34	1.79e-03	-31.50	0.0	115.55	69.79	8.12	-4.43	216.04	-6563.27
		-6563.27	216.04	-2.74e-03	0.0	60.0	115.55	54.04	8.12	-4.43	703.19	-2848.27
						120.0	115.55	38.29	8.12	-4.43	1190.34	-78.27
61	21	300.43	1177.94	1.37e-03	-31.50	0.0	113.30	75.38	7.90	8.61	230.38	-6855.12
		-6855.12	230.38	-2.70e-03	0.0	60.0	113.30	59.63	7.90	8.61	704.16	-2804.85
						120.0	113.30	43.88	7.90	8.61	1177.94	300.43
61	22	169.34	3.24	3.41e-04	-31.50	0.0	0.05	8.54	0.19	2.14	-19.46	31.20
		-833.73	-19.46	-1.18e-05	0.0	60.0	0.05	-7.21	0.19	2.14	-8.11	71.24
						120.0	0.05	-22.96	0.19	2.14	3.24	-833.73
61	24	120.97	-5.62	-3.29e-04	-31.50	0.0	-1.55	12.53	0.03	11.46	-9.22	-177.27
		-563.23	-9.22	1.66e-05	0.0	60.0	-1.55	-3.22	0.03	11.46	-7.42	102.25
						120.0	-1.55	-18.97	0.03	11.46	-5.62	-563.23
61	26	-304.91	834.21	1.26e-03	-31.50	0.0	80.90	51.42	5.74	-2.46	145.39	-4584.93
		-4584.93	145.39	-1.92e-03	0.0	60.0	80.90	35.67	5.74	-2.46	489.80	-1972.42
						120.0	80.90	19.92	5.74	-2.46	834.21	-304.91
61	28	-142.61	828.89	1.07e-03	-31.50	0.0	79.94	53.81	5.64	3.13	151.53	-4710.01
		-4710.01	151.53	-1.90e-03	0.0	60.0	79.94	38.06	5.64	3.13	490.21	-1953.81
						120.0	79.94	22.31	5.64	3.13	828.89	-142.61
61	29	169.34	3.24	3.41e-04	-31.50	0.0	0.05	8.54	0.19	2.14	-19.46	31.20
		-833.73	-19.46	-1.18e-05	0.0	60.0	0.05	-7.21	0.19	2.14	-8.11	71.24
						120.0	0.05	-22.96	0.19	2.14	3.24	-833.73
61	30	-380.45	715.50	1.09e-03	-31.50	0.0	69.35	45.29	4.95	-1.80	121.84	-3925.48
		-3925.48	121.84	-1.65e-03	0.0	60.0	69.35	29.54	4.95	-1.80	418.67	-1680.47
						120.0	69.35	13.79	4.95	-1.80	715.50	-380.45
61	31	132.51	-2.07	-1.64e-04	-31.50	0.0	-0.91	10.94	0.09	7.73	-13.32	-93.88
		-671.43	-13.32	6.68e-06	0.0	60.0	-0.91	-4.81	0.09	7.73	-7.70	89.85
						120.0	-0.91	-20.56	0.09	7.73	-2.07	-671.43
61	32	-218.15	710.18	8.94e-04	-31.50	0.0	68.39	47.69	4.85	3.79	127.98	-4050.56
		-4050.56	127.98	-1.63e-03	0.0	60.0	68.39	31.94	4.85	3.79	419.08	-1661.86

						120.0	68.39	16.19	4.85	3.79	710.18	-218.15
62	3	1131.97	2.00	-9.17e-04	-17.40	0.0	25.37	62.06	-0.02	1.55	2.00	-1589.54
		-1589.54	0.79	-3.87e-06	0.0	25.5	25.37	53.36	-0.02	1.55	1.39	-117.84
						51.0	25.37	44.66	-0.02	1.55	0.79	1131.97
62	5	768.12	7.14	-6.25e-04	-13.39	0.0	14.00	42.40	-0.01	0.48	7.14	-1052.75
		-1052.75	6.59	-1.32e-05	0.0	25.5	14.00	35.70	-0.01	0.48	6.87	-56.97
						51.0	14.00	29.01	-0.01	0.48	6.59	768.12
62	9	571.61	3212.44	-4.84e-04	-17.40	0.0	242.68	32.19	-180.33	2.589e+04	3212.44	-626.09
		-626.09	-5984.32	2.39e-03	0.0	25.5	242.68	23.48	-180.33	2.589e+04	-1385.94	83.71
						51.0	242.68	14.78	-180.33	2.589e+04	-5984.32	571.61
62	11	589.50	3207.23	-4.97e-04	-17.40	0.0	245.96	32.78	-180.34	2.589e+04	3207.23	-638.24
		-638.24	-5989.89	2.40e-03	0.0	25.5	245.96	24.07	-180.34	2.589e+04	-1391.33	86.58
						51.0	245.96	15.37	-180.34	2.589e+04	-5989.89	589.50
62	14	251.20	3204.92	-2.22e-04	-13.39	0.0	239.29	13.95	-180.33	2.589e+04	3204.92	-118.81
		-118.81	-5992.03	2.40e-03	0.0	25.5	239.29	7.26	-180.33	2.589e+04	-1393.55	151.54
						51.0	239.29	0.56	-180.33	2.589e+04	-5992.03	251.20
62	15	815.02	7.21	-6.63e-04	-13.39	0.0	15.07	45.05	-0.01	0.47	7.21	-1141.27
		-1141.27	6.66	-1.32e-05	0.0	25.5	15.07	38.36	-0.01	0.47	6.94	-77.78
						51.0	15.07	31.66	-0.01	0.47	6.66	815.02
62	17	832.05	2.25	-6.75e-04	-13.39	0.0	18.21	45.61	-0.02	1.10	2.25	-1152.85
		-1152.85	1.36	-4.34e-06	0.0	25.5	18.21	38.92	-0.02	1.10	1.80	-75.05
						51.0	18.21	32.23	-0.02	1.10	1.36	832.05
62	19	458.48	2142.54	-3.86e-04	-13.39	0.0	163.07	25.69	-120.22	1.726e+04	2142.54	-510.54
		-510.54	-3988.71	1.59e-03	0.0	25.5	163.07	19.00	-120.22	1.726e+04	-923.08	59.31
						51.0	163.07	12.31	-120.22	1.726e+04	-3988.71	458.48
62	21	470.40	2139.07	-3.94e-04	-13.39	0.0	165.27	26.09	-120.23	1.726e+04	2139.07	-518.65
		-518.65	-3992.42	1.60e-03	0.0	25.5	165.27	19.39	-120.23	1.726e+04	-926.68	61.22
						51.0	165.27	12.70	-120.23	1.726e+04	-3992.42	470.40
62	22	815.02	7.21	-6.63e-04	-13.39	0.0	15.07	45.05	-0.01	0.47	7.21	-1141.27
		-1141.27	6.66	-1.32e-05	0.0	25.5	15.07	38.36	-0.01	0.47	6.94	-77.78
						51.0	15.07	31.66	-0.01	0.47	6.66	815.02
62	24	823.54	4.73	-6.69e-04	-13.39	0.0	16.64	45.33	-0.01	0.79	4.73	-1147.06
		-1147.06	4.01	-8.77e-06	0.0	25.5	16.64	38.64	-0.01	0.79	4.37	-76.42
						51.0	16.64	31.95	-0.01	0.79	4.01	823.54
62	26	565.44	1501.94	-4.69e-04	-13.39	0.0	118.67	31.50	-84.16	1.208e+04	1501.94	-699.76
		-699.76	-2790.10	1.11e-03	0.0	25.5	118.67	24.81	-84.16	1.208e+04	-644.08	18.19
						51.0	118.67	18.11	-84.16	1.208e+04	-2790.10	565.44
62	28	570.55	1500.45	-4.73e-04	-13.39	0.0	119.61	31.67	-84.16	1.208e+04	1500.45	-703.24
		-703.24	-2791.69	1.11e-03	0.0	25.5	119.61	24.98	-84.16	1.208e+04	-645.62	19.00
						51.0	119.61	18.28	-84.16	1.208e+04	-2791.69	570.55
62	29	815.02	7.21	-6.63e-04	-13.39	0.0	15.07	45.05	-0.01	0.47	7.21	-1141.27
		-1141.27	6.66	-1.32e-05	0.0	25.5	15.07	38.36	-0.01	0.47	6.94	-77.78
						51.0	15.07	31.66	-0.01	0.47	6.66	815.02
62	30	601.10	1288.41	-4.97e-04	-13.39	0.0	103.87	33.44	-72.14	1.036e+04	1288.41	-762.84
		-762.84	-2390.56	9.50e-04	0.0	25.5	103.87	26.74	-72.14	1.036e+04	-551.08	4.48
						51.0	103.87	20.05	-72.14	1.036e+04	-2390.56	601.10
62	31	820.13	5.72	-6.66e-04	-13.39	0.0	16.01	45.22	-0.01	0.66	5.72	-1144.75
		-1144.75	5.07	-1.05e-05	0.0	25.5	16.01	38.53	-0.01	0.66	5.40	-76.96
						51.0	16.01	31.83	-0.01	0.66	5.07	820.13
62	32	606.21	1286.92	-5.00e-04	-13.39	0.0	104.81	33.61	-72.14	1.036e+04	1286.92	-766.31
		-766.31	-2392.15	9.52e-04	0.0	25.5	104.81	26.91	-72.14	1.036e+04	-552.62	5.29
						51.0	104.81	20.22	-72.14	1.036e+04	-2392.15	606.21
63	1	385.51	8.70	-4.23e-04	-43.29	0.0	-0.78	20.93	0.05	5.32	2.20	-220.77
		-306.91	2.20	-1.34e-04	0.0	60.0	-0.78	-0.72	0.05	5.32	5.45	385.51
						120.0	-0.78	-22.36	0.05	5.32	8.70	-306.91
63	9	2367.89	1469.63	3.37e-03	-43.29	0.0	58.22	182.25	13.43	535.71	-141.95	-1.690e+04
		-1.690e+04	-141.95	-4.50e-03	0.0	60.0	58.22	160.60	13.43	535.71	663.84	-6618.77
						120.0	58.22	138.96	13.43	535.71	1469.63	2367.89
63	11	2257.20	1466.91	2.85e-03	-74.79	0.0	58.41	199.07	13.40	553.91	-140.89	-1.714e+04
		-1.714e+04	-140.89	-4.43e-03	0.0	60.0	58.41	161.67	13.40	553.91	663.01	-6321.26
						120.0	58.41	124.28	13.40	553.91	1466.91	2257.20
63	12	2440.70	1467.66	3.46e-03	-33.30	0.0	58.40	177.43	13.42	534.46	-142.55	-1.685e+04
		-1.685e+04	-142.55	-4.47e-03	0.0	60.0	58.40	160.78	13.42	534.46	662.55	-6706.67
						120.0	58.40	144.13	13.42	534.46	1467.66	2440.70
63	14	2330.01	1464.94	2.93e-03	-64.80	0.0	58.58	194.25	13.39	552.66	-141.49	-1.709e+04
		-1.709e+04	-141.49	-4.41e-03	0.0	60.0	58.58	161.85	13.39	552.66	661.73	-6409.15
						120.0	58.58	129.45	13.39	552.66	1464.94	2330.01
63	15	297.01	6.71	-3.26e-04	-33.30	0.0	-0.60	16.10	0.04	4.09	1.65	-169.75
		-235.22	1.65	-1.04e-04	0.0	60.0	-0.60	-0.55	0.04	4.09	4.18	297.01
						120.0	-0.60	-17.20	0.04	4.09	6.71	-235.22
63	19	1547.98	980.66	2.21e-03	-33.30	0.0	38.73	123.65	8.96	357.68	-94.45	-1.129e+04

		-1.129e+04	-94.45	-3.02e-03	0.0	60.0	38.73	107.00	8.96	357.68	443.11	-4372.51
						120.0	38.73	90.35	8.96	357.68	980.66	1547.98
63	21	1474.18	978.85	1.86e-03	-54.30	0.0	38.86	134.86	8.94	369.81	-93.74	-1.145e+04
		-1.145e+04	-93.74	-2.97e-03	0.0	60.0	38.86	107.71	8.94	369.81	442.55	-4174.17
						120.0	38.86	80.56	8.94	369.81	978.85	1474.18
63	22	297.01	6.71	-3.26e-04	-33.30	0.0	-0.60	16.10	0.04	4.09	1.65	-169.75
		-235.22	1.65	-1.04e-04	0.0	60.0	-0.60	-0.55	0.04	4.09	4.18	297.01
						120.0	-0.60	-17.20	0.04	4.09	6.71	-235.22
63	26	1013.02	688.47	1.46e-03	-33.30	0.0	26.93	91.39	6.28	251.60	-65.62	-7955.33
		-7955.33	-65.62	-2.14e-03	0.0	60.0	26.93	74.74	6.28	251.60	311.43	-2971.65
						120.0	26.93	58.09	6.28	251.60	688.47	1013.02
63	28	981.39	687.70	1.31e-03	-42.30	0.0	26.99	96.19	6.28	256.80	-65.31	-8023.69
		-8023.69	-65.31	-2.12e-03	0.0	60.0	26.99	75.04	6.28	256.80	311.19	-2886.65
						120.0	26.99	53.89	6.28	256.80	687.70	981.39
63	29	297.01	6.71	-3.26e-04	-33.30	0.0	-0.60	16.10	0.04	4.09	1.65	-169.75
		-235.22	1.65	-1.04e-04	0.0	60.0	-0.60	-0.55	0.04	4.09	4.18	297.01
						120.0	-0.60	-17.20	0.04	4.09	6.71	-235.22
63	30	834.70	591.08	1.21e-03	-33.30	0.0	23.00	80.63	5.39	216.24	-56.01	-6843.10
		-6843.10	-56.01	-1.85e-03	0.0	60.0	23.00	63.98	5.39	216.24	267.54	-2504.70
						120.0	23.00	47.33	5.39	216.24	591.08	834.70
63	32	803.07	590.30	1.06e-03	-42.30	0.0	23.05	85.44	5.38	221.44	-55.70	-6911.47
		-6911.47	-55.70	-1.83e-03	0.0	60.0	23.05	64.29	5.38	221.44	267.30	-2419.70
						120.0	23.05	43.14	5.38	221.44	590.30	803.07
64	3	136.61	20.50	-3.31e-03	-12.58	0.0	51.60	4.38	-0.08	1.47	20.50	15.24
		-290.11	8.36	-1.52e-03	0.0	80.0	51.60	-1.91	-0.08	1.47	14.43	114.16
						160.0	51.60	-8.20	-0.08	1.47	8.36	-290.11
64	7	105.80	15.22	-2.75e-03	-9.68	0.0	38.15	3.35	-0.04	0.98	15.22	13.47
		-224.17	8.64	-1.43e-03	0.0	80.0	38.15	-1.49	-0.04	0.98	11.93	88.19
						160.0	38.15	-6.32	-0.04	0.98	8.64	-224.17
64	9	-37.29	2.723e+04	-1.75e-03	-12.58	0.0	382.12	6.16	-393.55	695.69	2.723e+04	-278.10
		-299.67	-6937.40	0.57	360.00	80.0	382.12	-0.13	-213.55	695.69	2946.34	-37.29
						160.0	382.12	-6.42	-33.55	695.69	-6937.40	-299.67
64	11	-36.11	2.723e+04	-2.39e-03	-12.58	0.0	377.28	6.10	-393.51	695.25	2.723e+04	-272.81
		-302.59	-6931.49	0.57	360.00	80.0	377.28	-0.19	-213.51	695.25	2948.95	-36.11
						160.0	377.28	-6.48	-33.51	695.25	-6931.49	-302.59
64	17	104.75	15.73	-2.45e-03	-9.68	0.0	40.42	3.38	-0.06	1.19	15.73	10.95
		-222.76	5.68	-1.07e-03	0.0	80.0	40.42	-1.46	-0.06	1.19	10.70	87.63
						160.0	40.42	-6.30	-0.06	1.19	5.68	-222.76
64	19	-13.33	1.816e+04	-1.41e-03	-9.68	0.0	260.77	4.56	-262.38	464.00	1.816e+04	-184.61
		-229.13	-4624.83	0.38	240.00	80.0	260.77	-0.28	-142.38	464.00	1965.31	-13.33
						160.0	260.77	-5.12	-22.38	464.00	-4624.83	-229.13
64	21	-12.44	1.815e+04	-1.84e-03	-9.68	0.0	257.54	4.53	-262.35	463.71	1.815e+04	-181.09
		-231.08	-4620.89	0.38	240.00	80.0	257.54	-0.31	-142.35	463.71	1967.05	-12.54
						160.0	257.54	-5.15	-22.35	463.71	-4620.89	-231.08
64	24	103.70	16.06	-2.24e-03	-9.68	0.0	42.73	3.40	-0.08	1.40	16.06	8.44
		-221.37	2.86	-7.31e-04	0.0	80.0	42.73	-1.44	-0.08	1.40	9.46	87.07
						160.0	42.73	-6.27	-0.08	1.40	2.86	-221.37
64	26	19.78	1.271e+04	-1.54e-03	-9.68	0.0	196.04	4.22	-183.69	325.28	1.271e+04	-127.45
		-226.38	-3237.37	0.26	168.00	80.0	196.04	-0.62	-99.69	325.28	1378.19	16.62
						160.0	196.04	-5.46	-15.69	325.28	-3237.37	-226.38
64	28	20.26	1.271e+04	-1.72e-03	-9.68	0.0	194.66	4.21	-183.68	325.16	1.271e+04	-125.94
		-227.22	-3235.68	0.26	168.00	80.0	194.66	-0.63	-99.68	325.16	1378.93	16.96
						160.0	194.66	-5.47	-15.68	325.16	-3235.68	-227.22
64	30	30.90	1.090e+04	-1.58e-03	-9.68	0.0	174.47	4.11	-157.47	279.04	1.090e+04	-108.40
		-225.47	-2774.88	0.23	144.00	80.0	174.47	-0.73	-85.47	279.04	1182.48	26.60
						160.0	174.47	-5.57	-13.47	279.04	-2774.88	-225.47
64	31	103.28	16.19	-2.17e-03	-9.68	0.0	43.65	3.41	-0.09	1.48	16.19	7.43
		-220.81	1.73	-5.94e-04	0.0	80.0	43.65	-1.43	-0.09	1.48	8.96	86.85
						160.0	43.65	-6.26	-0.09	1.48	1.73	-220.81
64	32	31.38	1.090e+04	-1.76e-03	-9.68	0.0	173.09	4.09	-157.46	278.92	1.090e+04	-106.89
		-226.30	-2773.19	0.23	144.00	80.0	173.09	-0.75	-85.46	278.92	1183.22	26.94
						160.0	173.09	-5.58	-13.46	278.92	-2773.19	-226.30
65	1	7.22	-0.87	4.23e-04	-3.41	0.0	-13.86	-73.07	-0.55	-42.40	-0.87	7.22
		-740.59	-6.37	-8.44e-06	0.0	5.0	-13.86	-74.78	-0.55	-42.40	-3.62	-362.42
						10.0	-13.86	-76.49	-0.55	-42.40	-6.37	-740.59
65	3	22.83	0.45	2.17e-03	-3.41	0.0	-10.88	-636.14	0.13	-142.50	-0.84	22.83
		-6355.61	-0.84	-2.72e-06	0.0	5.0	-10.88	-637.84	0.13	-142.50	-0.20	-3162.12
						10.0	-10.88	-639.55	0.13	-142.50	0.45	-6355.61
65	7	21.19	1.68	2.07e-03	-2.62	0.0	-7.68	-619.25	0.23	-131.53	-0.62	21.19
		-6184.46	-0.62	0.0	0.0	5.0	-7.68	-620.57	0.23	-131.53	0.53	-3078.35
						10.0	-7.68	-621.88	0.23	-131.53	1.68	-6184.46

65	9	2659.42	384.83	4.39e-03	-3.41	0.0	-986.99	258.12	-15.66	-1363.46	384.83	95.29
		95.29	228.19	-1.33e-04	0.0	5.0	-986.99	256.41	-15.66	-1363.46	306.51	1381.62
						10.0	-986.99	254.71	-15.66	-1363.46	228.19	2659.42
65	12	2830.56	385.04	4.30e-03	-2.62	0.0	-983.80	275.00	-15.56	-1352.49	385.04	93.65
		93.65	229.43	-1.31e-04	0.0	5.0	-983.80	273.69	-15.56	-1352.49	307.24	1465.39
						10.0	-983.80	272.38	-15.56	-1352.49	229.43	2830.56
65	14	104.58	385.07	5.52e-03	-2.62	0.0	-981.71	-119.14	-15.09	-1422.57	385.07	104.58
		-1099.95	234.20	-1.27e-04	0.0	5.0	-981.71	-120.45	-15.09	-1422.57	309.63	-494.40
						10.0	-981.71	-121.77	-15.09	-1422.57	234.20	-1099.95
65	15	5.56	-0.67	3.26e-04	-2.62	0.0	-10.66	-56.20	-0.43	-32.10	-0.67	5.56
		-569.58	-5.00	-5.66e-06	0.0	5.0	-10.66	-57.51	-0.43	-32.10	-2.83	-278.73
						10.0	-10.66	-58.83	-0.43	-32.10	-5.00	-569.58
65	17	15.97	-0.46	1.49e-03	-2.62	0.0	-8.67	-431.58	0.02	-98.83	-0.64	15.97
		-4312.92	-0.64	-2.71e-06	0.0	5.0	-8.67	-432.89	0.02	-98.83	-0.55	-2145.19
						10.0	-8.67	-434.20	0.02	-98.83	-0.46	-4312.92
65	19	1697.09	256.47	2.97e-03	-2.62	0.0	-659.42	164.59	-10.51	-912.81	256.47	64.28
		64.28	151.37	-8.98e-05	0.0	5.0	-659.42	163.28	-10.51	-912.81	203.92	883.97
						10.0	-659.42	161.97	-10.51	-912.81	151.37	1697.09
65	21	71.57	256.48	3.79e-03	-2.62	0.0	-658.03	-98.17	-10.19	-959.52	256.48	71.57
		-923.25	154.55	-8.71e-05	0.0	5.0	-658.03	-99.48	-10.19	-959.52	205.52	-422.56
						10.0	-658.03	-100.79	-10.19	-959.52	154.55	-923.25
65	22	5.56	-0.67	3.26e-04	-2.62	0.0	-10.66	-56.20	-0.43	-32.10	-0.67	5.56
		-569.58	-5.00	-5.66e-06	0.0	5.0	-10.66	-57.51	-0.43	-32.10	-2.83	-278.73
						10.0	-10.66	-58.83	-0.43	-32.10	-5.00	-569.58
65	24	10.77	-0.65	9.08e-04	-2.62	0.0	-9.67	-243.89	-0.21	-65.47	-0.65	10.77
		-2441.25	-2.73	-4.62e-06	0.0	5.0	-9.67	-245.20	-0.21	-65.47	-1.69	-1211.96
						10.0	-9.67	-246.51	-0.21	-65.47	-2.73	-2441.25
65	26	1017.09	179.33	2.18e-03	-2.62	0.0	-464.79	98.35	-7.49	-648.60	179.33	46.67
		46.67	104.46	-6.48e-05	0.0	5.0	-464.79	97.04	-7.49	-648.60	141.89	535.16
						10.0	-464.79	95.73	-7.49	-648.60	104.46	1017.09
65	28	49.79	179.33	2.53e-03	-2.62	0.0	-464.19	-14.26	-7.35	-668.62	179.33	49.79
		-105.91	105.82	-6.37e-05	0.0	5.0	-464.19	-15.57	-7.35	-668.62	142.58	-24.78
						10.0	-464.19	-16.88	-7.35	-668.62	105.82	-105.91
65	29	5.56	-0.67	3.26e-04	-2.62	0.0	-10.66	-56.20	-0.43	-32.10	-0.67	5.56
		-569.58	-5.00	-5.66e-06	0.0	5.0	-10.66	-57.51	-0.43	-32.10	-2.83	-278.73
						10.0	-10.66	-58.83	-0.43	-32.10	-5.00	-569.58
65	30	790.42	153.61	1.91e-03	-2.62	0.0	-399.91	76.28	-6.48	-560.52	153.61	40.79
		40.79	88.82	-5.65e-05	0.0	5.0	-399.91	74.96	-6.48	-560.52	121.22	418.89
						10.0	-399.91	73.65	-6.48	-560.52	88.82	790.42
65	31	8.69	-0.66	6.75e-04	-2.62	0.0	-10.06	-168.81	-0.30	-52.12	-0.66	8.69
		-1692.58	-3.64	-6.25e-06	0.0	5.0	-10.06	-170.13	-0.30	-52.12	-2.15	-838.67
						10.0	-10.06	-171.44	-0.30	-52.12	-3.64	-1692.58
65	32	43.92	153.62	2.26e-03	-2.62	0.0	-399.32	-36.34	-6.34	-580.54	153.62	43.92
		-332.58	90.19	-5.53e-05	0.0	5.0	-399.32	-37.65	-6.34	-580.54	121.90	-141.05
						10.0	-399.32	-38.96	-6.34	-580.54	90.19	-332.58
66	1	0.32	0.53	4.32e-04	-3.41	0.0	-7.26	-78.32	-0.25	-0.25	0.53	0.32
		-799.94	-1.94	-6.20e-06	0.0	5.0	-7.26	-80.03	-0.25	-0.25	-0.70	-395.54
						10.0	-7.26	-81.73	-0.25	-0.25	-1.94	-799.94
66	3	4.59	2.99	2.22e-03	-3.41	0.0	-5.79	-645.93	0.25	0.85	0.49	4.59
		-6471.82	0.49	-1.79e-06	0.0	5.0	-5.79	-647.64	0.25	0.85	1.74	-3229.35
						10.0	-5.79	-649.35	0.25	0.85	2.99	-6471.82
66	7	4.44	3.29	2.12e-03	-2.62	0.0	-4.45	-627.11	0.29	0.91	0.38	4.44
		-6279.78	0.38	0.0	0.0	5.0	-4.45	-628.42	0.29	0.91	1.83	-3134.39
						10.0	-4.45	-629.73	0.29	0.91	3.29	-6279.78
66	9	972.25	899.70	6.31e-03	-3.41	0.0	-744.22	67.65	65.12	-246.74	248.48	312.85
		312.85	248.48	-2.00e-04	0.0	5.0	-744.22	65.94	65.12	-246.74	574.09	646.82
						10.0	-744.22	64.23	65.12	-246.74	899.70	972.25
66	12	1164.29	900.00	6.21e-03	-2.62	0.0	-742.89	86.47	65.16	-246.68	248.37	312.70
		312.70	248.37	-1.98e-04	0.0	5.0	-742.89	85.16	65.16	-246.68	574.19	741.78
						10.0	-742.89	83.85	65.16	-246.68	900.00	1164.29
66	14	315.69	903.45	7.47e-03	-2.62	0.0	-741.85	-310.86	65.51	-245.91	248.34	315.69
		-2806.02	248.34	-1.95e-04	0.0	5.0	-741.85	-312.17	65.51	-245.91	575.90	-1241.88
						10.0	-741.85	-313.48	65.51	-245.91	903.45	-2806.02
66	15	0.21	0.42	3.31e-04	-2.62	0.0	-5.74	-59.92	-0.20	-0.19	0.42	0.21
		-612.10	-1.55	-3.95e-06	0.0	5.0	-5.74	-61.23	-0.20	-0.19	-0.57	-302.66
						10.0	-5.74	-62.54	-0.20	-0.19	-1.55	-612.10
66	17	3.06	1.73	1.53e-03	-2.62	0.0	-4.75	-438.33	0.13	0.54	0.39	3.06
		-4393.36	0.39	-1.85e-06	0.0	5.0	-4.75	-439.64	0.13	0.54	1.06	-2191.87
						10.0	-4.75	-440.95	0.13	0.54	1.73	-4393.36
66	19	569.36	599.54	4.25e-03	-2.62	0.0	-497.04	37.39	43.38	-164.52	165.72	208.57
		208.57	165.72	-1.34e-04	0.0	5.0	-497.04	36.08	43.38	-164.52	382.63	392.24

						10.0	-497.04	34.77	43.38	-164.52	599.54	569.36
66	21	210.56	601.84	5.09e-03	-2.62	0.0	-496.35	-227.50	43.61	-164.01	165.69	210.56
		-2077.52	165.69	-1.32e-04	0.0	5.0	-496.35	-228.81	43.61	-164.01	383.77	-930.20
						10.0	-496.35	-230.12	43.61	-164.01	601.84	-2077.52
66	22	0.21	0.42	3.31e-04	-2.62	0.0	-5.74	-59.92	-0.20	-0.19	0.42	0.21
		-612.10	-1.55	-3.95e-06	0.0	5.0	-5.74	-61.23	-0.20	-0.19	-0.57	-302.66
						10.0	-5.74	-62.54	-0.20	-0.19	-1.55	-612.10
66	24	1.64	0.40	9.29e-04	-2.62	0.0	-5.24	-249.12	-0.03	0.17	0.40	1.64
		-2502.73	0.09	-3.32e-06	0.0	5.0	-5.24	-250.44	-0.03	0.17	0.24	-1247.26
						10.0	-5.24	-251.75	-0.03	0.17	0.09	-2502.73
66	26	214.92	419.21	3.08e-03	-2.62	0.0	-349.65	8.20	30.31	-115.22	116.13	146.06
		146.06	116.13	-9.50e-05	0.0	5.0	-349.65	6.89	30.31	-115.22	267.67	183.77
						10.0	-349.65	5.57	30.31	-115.22	419.21	214.92
66	28	146.92	420.20	3.43e-03	-2.62	0.0	-349.35	-105.32	30.41	-115.00	116.12	146.92
		-919.46	116.12	-9.42e-05	0.0	5.0	-349.35	-106.64	30.41	-115.00	268.16	-382.99
						10.0	-349.35	-107.95	30.41	-115.00	420.20	-919.46
66	29	0.21	0.42	3.31e-04	-2.62	0.0	-5.74	-59.92	-0.20	-0.19	0.42	0.21
		-612.10	-1.55	-3.95e-06	0.0	5.0	-5.74	-61.23	-0.20	-0.19	-0.57	-302.66
						10.0	-5.74	-62.54	-0.20	-0.19	-1.55	-612.10
66	30	125.23	359.10	2.68e-03	-2.62	0.0	-300.52	-1.53	25.95	-98.79	99.60	125.23
		96.77	99.60	-8.21e-05	0.0	5.0	-300.52	-2.85	25.95	-98.79	229.35	114.28
						10.0	-300.52	-4.16	25.95	-98.79	359.10	96.77
66	31	1.07	0.41	6.90e-04	-2.62	0.0	-5.44	-173.44	-0.10	0.03	0.41	1.07
		-1746.48	-0.57	-4.76e-06	0.0	5.0	-5.44	-174.75	-0.10	0.03	-0.08	-869.42
						10.0	-5.44	-176.07	-0.10	0.03	-0.57	-1746.48
66	32	126.08	360.09	3.04e-03	-2.62	0.0	-300.22	-115.06	26.05	-98.57	99.59	126.08
		-1037.60	99.59	-8.13e-05	0.0	5.0	-300.22	-116.37	26.05	-98.57	229.84	-452.48
						10.0	-300.22	-117.68	26.05	-98.57	360.09	-1037.60
67	3	3.65	2.74	2.22e-03	-3.41	0.0	-7.67	-640.01	0.17	-2.50	1.02	3.65
		-6413.49	1.02	-1.18e-06	0.0	5.0	-7.67	-641.71	0.17	-2.50	1.88	-3200.66
						10.0	-7.67	-643.42	0.17	-2.50	2.74	-6413.49
67	7	3.72	2.63	2.12e-03	-2.62	0.0	-5.69	-622.78	0.18	-4.01	0.78	3.72
		-6237.23	0.78	0.0	0.0	5.0	-5.69	-624.09	0.18	-4.01	1.70	-3113.47
						10.0	-5.69	-625.41	0.18	-4.01	2.63	-6237.23
67	9	726.40	671.98	6.71e-03	-3.41	0.0	-594.66	70.08	67.20	-93.87	-0.05	42.67
		42.67	-0.05	-3.85e-04	0.0	5.0	-594.66	68.37	67.20	-93.87	335.96	388.80
						10.0	-594.66	66.67	67.20	-93.87	671.98	726.40
67	11	45.35	673.74	7.97e-03	-3.41	0.0	-594.10	-325.67	67.38	-96.35	-0.06	45.35
		-3228.44	-0.06	-3.84e-04	0.0	5.0	-594.10	-327.38	67.38	-96.35	336.84	-1587.28
						10.0	-594.10	-329.09	67.38	-96.35	673.74	-3228.44
67	12	902.66	671.87	6.61e-03	-2.62	0.0	-592.68	87.30	67.22	-95.38	-0.29	42.74
		42.74	-0.29	-3.85e-04	0.0	5.0	-592.68	85.99	67.22	-95.38	335.79	475.99
						10.0	-592.68	84.68	67.22	-95.38	671.87	902.66
67	14	45.42	673.63	7.87e-03	-2.62	0.0	-592.11	-308.45	67.39	-97.86	-0.30	45.42
		-3052.17	-0.30	-3.83e-04	0.0	5.0	-592.11	-309.76	67.39	-97.86	336.67	-1500.09
						10.0	-592.11	-311.07	67.39	-97.86	673.63	-3052.17
67	17	2.43	1.82	1.52e-03	-2.62	0.0	-5.97	-434.33	0.10	-2.11	0.78	2.43
		-4353.98	0.78	-1.18e-06	0.0	5.0	-5.97	-435.64	0.10	-2.11	1.30	-2172.50
						10.0	-5.97	-436.95	0.10	-2.11	1.82	-4353.98
67	19	405.94	447.98	4.51e-03	-2.62	0.0	-397.30	39.06	44.79	-63.02	0.07	28.44
		28.44	0.07	-2.57e-04	0.0	5.0	-397.30	37.75	44.79	-63.02	224.03	220.48
						10.0	-397.30	36.44	44.79	-63.02	447.98	405.94
67	21	30.23	449.16	5.36e-03	-2.62	0.0	-396.92	-224.77	44.91	-64.68	0.07	30.23
		-2230.61	0.07	-2.56e-04	0.0	5.0	-396.92	-226.08	44.91	-64.68	224.61	-1096.91
						10.0	-396.92	-227.40	44.91	-64.68	449.16	-2230.61
67	22	-0.12	0.79	3.19e-04	-2.62	0.0	-6.51	-57.42	-0.07	0.25	0.79	-0.12
		-587.47	0.14	-2.10e-06	0.0	5.0	-6.51	-58.73	-0.07	0.25	0.47	-290.51
						10.0	-6.51	-60.05	-0.07	0.25	0.14	-587.47
67	24	1.15	0.98	9.21e-04	-2.62	0.0	-6.24	-245.88	0.02	-0.93	0.79	1.15
		-2470.73	0.79	-2.03e-06	0.0	5.0	-6.24	-247.19	0.02	-0.93	0.88	-1231.50
						10.0	-6.24	-248.50	0.02	-0.93	0.98	-2470.73
67	26	107.92	313.63	3.26e-03	-2.62	0.0	-280.06	10.12	31.33	-44.04	0.29	19.87
		19.87	0.29	-1.81e-04	0.0	5.0	-280.06	8.80	31.33	-44.04	156.96	67.18
						10.0	-280.06	7.49	31.33	-44.04	313.63	107.92
67	28	20.64	314.13	3.62e-03	-2.62	0.0	-279.90	-102.95	31.38	-44.75	0.28	20.64
		-1022.03	0.28	-1.80e-04	0.0	5.0	-279.90	-104.27	31.38	-44.75	157.21	-497.42
						10.0	-279.90	-105.58	31.38	-44.75	314.13	-1022.03
67	29	-0.12	0.79	3.19e-04	-2.62	0.0	-6.51	-57.42	-0.07	0.25	0.79	-0.12
		-587.47	0.14	-2.10e-06	0.0	5.0	-6.51	-58.73	-0.07	0.25	0.47	-290.51
						10.0	-6.51	-60.05	-0.07	0.25	0.14	-587.47
67	30	17.44	268.84	2.84e-03	-2.62	0.0	-240.98	0.47	26.85	-37.71	0.36	17.02

		8.58	0.36	-1.56e-04	0.0	5.0	-240.98	-0.84	26.85	-37.71	134.60	16.08
						10.0	-240.98	-2.16	26.85	-37.71	268.84	8.58
67	31	0.64	0.79	6.80e-04	-2.62	0.0	-6.35	-170.49	-0.01	-0.45	0.79	0.64
		-1717.42	0.64	-3.22e-06	0.0	5.0	-6.35	-171.81	-0.01	-0.45	0.72	-855.11
						10.0	-6.35	-173.12	-0.01	-0.45	0.64	-1717.42
67	32	17.78	269.35	3.20e-03	-2.62	0.0	-240.82	-112.60	26.90	-38.42	0.36	17.78
		-1121.38	0.36	-1.55e-04	0.0	5.0	-240.82	-113.92	26.90	-38.42	134.85	-548.51
						10.0	-240.82	-115.23	26.90	-38.42	269.35	-1121.38
68	3	3.72	0.54	2.22e-03	-3.41	0.0	-7.85	-639.32	0.04	-3.38	0.12	3.72
		-6406.54	0.12	0.0	0.0	5.0	-7.85	-641.03	0.04	-3.38	0.33	-3197.15
						10.0	-7.85	-642.73	0.04	-3.38	0.54	-6406.54
68	5	-0.07	0.32	3.14e-04	-2.62	0.0	-6.48	-57.37	0.02	-1.61	0.10	-0.07
		-586.89	0.10	0.0	0.0	5.0	-6.48	-58.68	0.02	-1.61	0.21	-290.20
						10.0	-6.48	-59.99	0.02	-1.61	0.32	-586.89
68	7	3.78	0.41	2.13e-03	-2.62	0.0	-5.86	-622.12	0.03	-1.36	0.11	3.78
		-6230.51	0.11	0.0	0.0	5.0	-5.86	-623.43	0.03	-1.36	0.26	-3110.09
						10.0	-5.86	-624.74	0.03	-1.36	0.41	-6230.51
68	9	1124.96	436.60	6.95e-03	-3.41	0.0	-621.99	81.90	35.73	49.40	79.35	323.03
		323.03	79.35	-7.03e-04	0.0	5.0	-621.99	80.19	35.73	49.40	257.98	728.26
						10.0	-621.99	78.49	35.73	49.40	436.60	1124.96
68	11	325.73	436.67	8.21e-03	-3.41	0.0	-621.57	-313.42	35.73	49.58	79.36	325.73
		-2825.57	79.36	-7.02e-04	0.0	5.0	-621.57	-315.13	35.73	49.58	258.01	-1245.65
						10.0	-621.57	-316.84	35.73	49.58	436.67	-2825.57
68	12	1300.99	436.48	6.85e-03	-2.62	0.0	-620.01	99.10	35.71	51.43	79.34	323.09
		323.09	79.34	-7.02e-04	0.0	5.0	-620.01	97.79	35.71	51.43	257.91	815.32
						10.0	-620.01	96.48	35.71	51.43	436.48	1300.99
68	15	-0.09	0.33	3.14e-04	-2.62	0.0	-6.49	-57.37	0.02	-2.28	0.09	-0.09
		-586.88	0.09	0.0	0.0	5.0	-6.49	-58.68	0.02	-2.28	0.21	-290.20
						10.0	-6.49	-59.99	0.02	-2.28	0.33	-586.88
68	17	2.48	0.39	1.52e-03	-2.62	0.0	-6.08	-433.86	0.03	-2.11	0.10	2.48
		-4349.29	0.10	0.0	0.0	5.0	-6.08	-435.18	0.03	-2.11	0.25	-2170.12
						10.0	-6.08	-436.49	0.03	-2.11	0.39	-4349.29
68	19	671.71	291.11	4.67e-03	-2.62	0.0	-415.52	46.95	23.82	33.08	52.92	215.35
		215.35	52.92	-4.69e-04	0.0	5.0	-415.52	45.64	23.82	33.08	172.01	446.82
						10.0	-415.52	44.32	23.82	33.08	291.11	671.71
68	21	217.15	291.15	5.52e-03	-2.62	0.0	-415.23	-216.60	23.82	33.20	52.92	217.15
		-1961.97	52.92	-4.68e-04	0.0	5.0	-415.23	-217.91	23.82	33.20	172.04	-869.13
						10.0	-415.23	-219.23	23.82	33.20	291.15	-1961.97
68	22	-0.09	0.33	3.14e-04	-2.62	0.0	-6.49	-57.37	0.02	-2.28	0.09	-0.09
		-586.88	0.09	0.0	0.0	5.0	-6.49	-58.68	0.02	-2.28	0.21	-290.20
						10.0	-6.49	-59.99	0.02	-2.28	0.33	-586.88
68	24	1.19	0.36	9.18e-04	-2.62	0.0	-6.29	-245.62	0.03	-2.20	0.10	1.19
		-2468.08	0.10	0.0	0.0	5.0	-6.29	-246.93	0.03	-2.20	0.23	-1230.16
						10.0	-6.29	-248.24	0.03	-2.20	0.36	-2468.08
68	26	294.14	203.87	3.37e-03	-2.62	0.0	-292.81	15.65	16.68	22.47	37.07	150.72
		150.72	37.07	-3.28e-04	0.0	5.0	-292.81	14.34	16.68	22.47	120.47	225.71
						10.0	-292.81	13.03	16.68	22.47	203.87	294.14
68	28	151.49	203.89	3.73e-03	-2.62	0.0	-292.69	-97.30	16.68	22.52	37.07	151.49
		-834.59	37.07	-3.28e-04	0.0	5.0	-292.69	-98.61	16.68	22.52	120.48	-338.27
						10.0	-292.69	-99.92	16.68	22.52	203.89	-834.59
68	29	-0.09	0.33	3.14e-04	-2.62	0.0	-6.49	-57.37	0.02	-2.28	0.09	-0.09
		-586.88	0.09	0.0	0.0	5.0	-6.49	-58.68	0.02	-2.28	0.21	-290.20
						10.0	-6.49	-59.99	0.02	-2.28	0.33	-586.88
68	30	168.28	174.79	2.93e-03	-2.62	0.0	-251.91	5.22	14.30	18.93	31.79	129.18
		129.18	31.79	-2.82e-04	0.0	5.0	-251.91	3.91	14.30	18.93	103.29	152.01
						10.0	-251.91	2.60	14.30	18.93	174.79	168.28
68	31	0.68	0.35	6.76e-04	-2.62	0.0	-6.37	-170.32	0.03	-2.23	0.09	0.68
		-1715.60	0.09	-1.76e-06	0.0	5.0	-6.37	-171.63	0.03	-2.23	0.22	-854.18
						10.0	-6.37	-172.94	0.03	-2.23	0.35	-1715.60
68	32	129.95	174.81	3.29e-03	-2.62	0.0	-251.78	-107.73	14.30	18.98	31.79	129.95
		-960.45	31.79	-2.81e-04	0.0	5.0	-251.78	-109.04	14.30	18.98	103.30	-411.97
						10.0	-251.78	-110.35	14.30	18.98	174.81	-960.45
69	3	4.16	-0.93	2.22e-03	-3.41	0.0	-5.93	-642.07	-0.12	11.68	-0.93	4.16
		-6433.56	-2.09	0.0	0.0	5.0	-5.93	-643.77	-0.12	11.68	-1.51	-3210.44
						10.0	-5.93	-645.48	-0.12	11.68	-2.09	-6433.56
69	7	4.02	-0.73	2.12e-03	-2.62	0.0	-4.74	-623.52	-0.13	9.75	-0.73	4.02
		-6244.26	-2.06	0.0	0.0	5.0	-4.74	-624.83	-0.13	9.75	-1.40	-3116.84
						10.0	-4.74	-626.14	-0.13	9.75	-2.06	-6244.26
69	9	591.77	186.30	6.26e-03	-3.41	0.0	-514.17	54.44	-24.09	211.39	186.30	64.43
		64.43	-54.56	-1.11e-03	0.0	5.0	-514.17	52.73	-24.09	211.39	65.87	332.36
						10.0	-514.17	51.03	-24.09	211.39	-54.56	591.77

69	11	67.12	186.27	7.53e-03	-3.41	0.0	-513.63	-340.84	-24.24	213.70	186.27	67.12
		-3358.34	-56.16	-1.11e-03	0.0	5.0	-513.63	-342.55	-24.24	213.70	65.06	-1641.35
						10.0	-513.63	-344.25	-24.24	213.70	-56.16	-3358.34
69	12	781.07	186.49	6.17e-03	-2.62	0.0	-512.99	72.99	-24.10	209.46	186.49	64.29
		64.29	-54.54	-1.11e-03	0.0	5.0	-512.99	71.68	-24.10	209.46	65.98	425.96
						10.0	-512.99	70.37	-24.10	209.46	-54.54	781.07
69	17	2.78	-0.72	1.52e-03	-2.62	0.0	-4.80	-435.68	-0.06	8.65	-0.72	2.78
		-4367.14	-1.34	0.0	0.0	5.0	-4.80	-436.99	-0.06	8.65	-1.03	-2178.90
						10.0	-4.80	-438.30	-0.06	8.65	-1.34	-4367.14
69	19	316.41	124.10	4.22e-03	-2.62	0.0	-343.63	28.66	-16.04	141.79	124.10	42.96
		42.96	-36.33	-7.42e-04	0.0	5.0	-343.63	27.35	-16.04	141.79	43.89	182.97
						10.0	-343.63	26.03	-16.04	141.79	-36.33	316.41
69	21	44.75	124.09	5.06e-03	-2.62	0.0	-343.26	-234.86	-16.15	143.33	124.09	44.75
		-2316.99	-37.39	-7.43e-04	0.0	5.0	-343.26	-236.17	-16.15	143.33	43.35	-1132.84
						10.0	-343.26	-237.49	-16.15	143.33	-37.39	-2316.99
69	24	1.50	-0.58	9.16e-04	-2.62	0.0	-5.06	-247.45	0.01	7.55	-0.71	1.50
		-2486.13	-0.71	0.0	0.0	5.0	-5.06	-248.76	0.01	7.55	-0.64	-1239.04
						10.0	-5.06	-250.08	0.01	7.55	-0.58	-2486.13
69	26	40.16	86.66	3.05e-03	-2.62	0.0	-242.13	2.29	-11.20	101.19	86.66	30.13
		30.13	-25.37	-5.19e-04	0.0	5.0	-242.13	0.98	-11.20	101.19	30.64	38.32
						10.0	-242.13	-0.33	-11.20	101.19	-25.37	39.95
69	28	30.90	86.66	3.41e-03	-2.62	0.0	-241.98	-110.64	-11.25	101.85	86.66	30.90
		-1088.65	-25.83	-5.20e-04	0.0	5.0	-241.98	-111.96	-11.25	101.85	30.41	-525.59
						10.0	-241.98	-113.27	-11.25	101.85	-25.83	-1088.65
69	30	25.86	74.18	2.66e-03	-2.62	0.0	-208.30	-6.49	-9.59	87.66	74.18	25.86
		-52.20	-21.72	-4.45e-04	0.0	5.0	-208.30	-7.81	-9.59	87.66	26.23	-9.89
						10.0	-208.30	-9.12	-9.59	87.66	-21.72	-52.20
69	31	0.98	-0.28	6.75e-04	-2.62	0.0	-5.16	-172.16	0.04	7.11	-0.70	0.98
		-1733.73	-0.70	0.0	0.0	5.0	-5.16	-173.47	0.04	7.11	-0.49	-863.09
						10.0	-5.16	-174.78	0.04	7.11	-0.28	-1733.73
69	32	26.63	74.18	3.02e-03	-2.62	0.0	-208.15	-119.43	-9.64	88.32	74.18	26.63
		-1180.81	-22.18	-4.45e-04	0.0	5.0	-208.15	-120.74	-9.64	88.32	26.00	-573.81
						10.0	-208.15	-122.06	-9.64	88.32	-22.18	-1180.81
70	1	-0.09	2.58	3.99e-04	-3.41	0.0	-7.67	-76.14	0.23	-0.34	0.23	-0.09
		-778.56	0.23	3.94e-06	0.0	5.0	-7.67	-77.85	0.23	-0.34	1.41	-385.06
						10.0	-7.67	-79.55	0.23	-0.34	2.58	-778.56
70	3	4.18	0.62	2.20e-03	-3.41	0.0	-6.50	-643.61	-0.21	-3.97	0.62	4.18
		-6448.97	-1.47	0.0	0.0	5.0	-6.50	-645.31	-0.21	-3.97	-0.42	-3218.13
						10.0	-6.50	-647.02	-0.21	-3.97	-1.47	-6448.97
70	7	4.22	0.55	2.10e-03	-2.62	0.0	-4.72	-626.01	-0.24	-4.97	0.55	4.22
		-6269.00	-1.89	-1.08e-06	0.0	5.0	-4.72	-627.32	-0.24	-4.97	-0.67	-3129.11
						10.0	-4.72	-628.63	-0.24	-4.97	-1.89	-6269.00
70	9	523.41	-303.01	5.39e-03	-3.41	0.0	-448.95	26.09	-99.09	341.29	-303.01	279.61
		279.61	-1293.93	-1.54e-03	0.0	5.0	-448.95	24.38	-99.09	341.29	-798.47	405.77
						10.0	-448.95	22.67	-99.09	341.29	-1293.93	523.41
70	12	703.38	-303.08	5.29e-03	-2.62	0.0	-447.17	43.69	-99.13	340.29	-303.08	279.65
		279.65	-1294.35	-1.54e-03	0.0	5.0	-447.17	42.37	-99.13	340.29	-798.71	494.80
						10.0	-447.17	41.06	-99.13	340.29	-1294.35	703.38
70	14	282.64	-302.80	6.55e-03	-2.62	0.0	-446.35	-353.54	-99.44	337.75	-302.80	282.64
		-3265.91	-1297.19	-1.54e-03	0.0	5.0	-446.35	-354.85	-99.44	337.75	-800.00	-1488.35
						10.0	-446.35	-356.17	-99.44	337.75	-1297.19	-3265.91
70	15	-0.06	2.06	3.07e-04	-2.62	0.0	-5.90	-58.56	0.19	-0.73	0.17	-0.06
		-598.76	0.17	3.10e-06	0.0	5.0	-5.90	-59.87	0.19	-0.73	1.12	-296.13
						10.0	-5.90	-61.18	0.19	-0.73	2.06	-598.76
70	17	2.78	0.43	1.50e-03	-2.62	0.0	-5.12	-436.87	-0.11	-3.15	0.43	2.78
		-4379.03	-0.64	0.0	0.0	5.0	-5.12	-438.18	-0.11	-3.15	-0.10	-2184.84
						10.0	-5.12	-439.49	-0.11	-3.15	-0.64	-4379.03
70	19	269.22	-201.99	3.63e-03	-2.62	0.0	-300.08	9.59	-66.03	227.02	-201.99	186.41
		186.41	-862.28	-1.02e-03	0.0	5.0	-300.08	8.28	-66.03	227.02	-532.13	231.09
						10.0	-300.08	6.97	-66.03	227.02	-862.28	269.22
70	21	188.40	-201.81	4.47e-03	-2.62	0.0	-299.53	-255.22	-66.24	225.33	-201.81	188.40
		-2376.97	-864.17	-1.03e-03	0.0	5.0	-299.53	-256.54	-66.24	225.33	-532.99	-1091.01
						10.0	-299.53	-257.85	-66.24	225.33	-864.17	-2376.97
70	22	-0.06	2.06	3.07e-04	-2.62	0.0	-5.90	-58.56	0.19	-0.73	0.17	-0.06
		-598.76	0.17	3.10e-06	0.0	5.0	-5.90	-59.87	0.19	-0.73	1.12	-296.13
						10.0	-5.90	-61.18	0.19	-0.73	2.06	-598.76
70	24	1.36	0.71	9.06e-04	-2.62	0.0	-5.51	-247.71	0.04	-1.94	0.30	1.36
		-2488.90	0.30	1.84e-06	0.0	5.0	-5.51	-249.03	0.04	-1.94	0.51	-1240.49
						10.0	-5.51	-250.34	0.04	-1.94	0.71	-2488.90
70	26	130.47	-141.34	2.63e-03	-2.62	0.0	-211.83	-10.85	-46.16	158.69	-141.34	130.47
		8.82	-602.98	-7.16e-04	0.0	5.0	-211.83	-12.16	-46.16	158.69	-372.16	72.93

						10.0	-211.83	-13.48	-46.16	158.69	-602.98	8.82
70	28	131.32	-141.26	2.99e-03	-2.62	0.0	-211.59	-124.35	-46.25	157.97	-141.26	131.32
		-1125.26	-603.79	-7.17e-04	0.0	5.0	-211.59	-125.66	-46.25	157.97	-372.52	-493.69
						10.0	-211.59	-126.97	-46.25	157.97	-603.79	-1125.26
70	29	-0.06	2.06	3.07e-04	-2.62	0.0	-5.90	-58.56	0.19	-0.73	0.17	-0.06
		-598.76	0.17	3.10e-06	0.0	5.0	-5.90	-59.87	0.19	-0.73	1.12	-296.13
						10.0	-5.90	-61.18	0.19	-0.73	2.06	-598.76
70	30	111.82	-121.12	2.30e-03	-2.62	0.0	-182.41	-17.67	-39.54	135.92	-121.12	111.82
		-77.97	-516.54	-6.13e-04	0.0	5.0	-182.41	-18.98	-39.54	135.92	-318.83	20.20
						10.0	-182.41	-20.29	-39.54	135.92	-516.54	-77.97
70	31	0.79	1.25	6.66e-04	-2.62	0.0	-5.66	-172.05	0.10	-1.46	0.25	0.79
		-1732.84	0.25	0.0	0.0	5.0	-5.66	-173.36	0.10	-1.46	0.75	-862.74
						10.0	-5.66	-174.68	0.10	-1.46	1.25	-1732.84
70	32	112.67	-121.05	2.66e-03	-2.62	0.0	-182.17	-131.16	-39.63	135.19	-121.05	112.67
		-1212.06	-517.35	-6.14e-04	0.0	5.0	-182.17	-132.47	-39.63	135.19	-319.20	-546.41
						10.0	-182.17	-133.79	-39.63	135.19	-517.35	-1212.06
71	1	6.27	4.65	3.90e-04	-3.41	0.0	-11.54	-75.33	0.43	33.03	0.40	6.27
		-764.08	0.40	5.73e-06	0.0	5.0	-11.54	-77.04	0.43	33.03	2.52	-374.64
						10.0	-11.54	-78.74	0.43	33.03	4.65	-764.08
71	3	22.02	0.74	2.14e-03	-3.41	0.0	-9.19	-638.14	-0.24	134.87	0.74	22.02
		-6376.44	-1.71	0.0	0.0	5.0	-9.19	-639.85	-0.24	134.87	-0.49	-3172.94
						10.0	-9.19	-641.55	-0.24	134.87	-1.71	-6376.44
71	7	20.58	0.64	2.05e-03	-2.62	0.0	-6.50	-620.79	-0.33	127.39	0.64	20.58
		-6200.44	-2.62	-1.26e-06	0.0	5.0	-6.50	-622.10	-0.33	127.39	-0.99	-3086.65
						10.0	-6.50	-623.41	-0.33	127.39	-2.62	-6200.44
71	9	1695.57	-395.52	3.14e-03	-3.41	0.0	-435.42	170.63	-93.11	1357.70	-395.52	6.30
		6.30	-1326.61	-1.86e-03	0.0	5.0	-435.42	168.93	-93.11	1357.70	-861.06	855.20
						10.0	-435.42	167.22	-93.11	1357.70	-1326.61	1695.57
71	12	1871.58	-395.62	3.05e-03	-2.62	0.0	-432.72	187.98	-93.19	1350.22	-395.62	4.86
		4.86	-1327.51	-1.87e-03	0.0	5.0	-432.72	186.67	-93.19	1350.22	-861.57	941.50
						10.0	-432.72	185.36	-93.19	1350.22	-1327.51	1871.58
71	14	15.88	-395.38	4.28e-03	-2.62	0.0	-431.08	-205.98	-93.66	1421.51	-395.38	15.88
		-2057.08	-1331.97	-1.87e-03	0.0	5.0	-431.08	-207.30	-93.66	1421.51	-863.67	-1017.31
						10.0	-431.08	-208.61	-93.66	1421.51	-1331.97	-2057.08
71	15	4.83	3.65	3.00e-04	-2.62	0.0	-8.86	-57.96	0.33	25.47	0.30	4.83
		-587.89	0.30	4.48e-06	0.0	5.0	-8.86	-59.27	0.33	25.47	1.98	-288.25
						10.0	-8.86	-60.58	0.33	25.47	3.65	-587.89
71	17	15.33	0.53	1.47e-03	-2.62	0.0	-7.30	-433.17	-0.11	93.36	0.53	15.33
		-4329.47	-0.59	0.0	0.0	5.0	-7.30	-434.48	-0.11	93.36	-0.03	-2153.79
						10.0	-7.30	-435.79	-0.11	93.36	-0.59	-4329.47
71	19	1051.88	-263.64	2.14e-03	-2.62	0.0	-291.45	106.02	-62.02	908.58	-263.64	4.85
		4.85	-883.86	-1.24e-03	0.0	5.0	-291.45	104.70	-62.02	908.58	-573.75	531.64
						10.0	-291.45	103.39	-62.02	908.58	-883.86	1051.88
71	21	12.20	-263.48	2.95e-03	-2.62	0.0	-290.35	-156.63	-62.33	956.11	-263.48	12.20
		-1567.23	-886.82	-1.24e-03	0.0	5.0	-290.35	-157.94	-62.33	956.11	-575.15	-774.23
						10.0	-290.35	-159.25	-62.33	956.11	-886.82	-1567.23
71	22	4.83	3.65	3.00e-04	-2.62	0.0	-8.86	-57.96	0.33	25.47	0.30	4.83
		-587.89	0.30	4.48e-06	0.0	5.0	-8.86	-59.27	0.33	25.47	1.98	-288.25
						10.0	-8.86	-60.58	0.33	25.47	3.65	-587.89
71	24	10.08	1.53	8.85e-04	-2.62	0.0	-8.08	-245.56	0.11	59.42	0.41	10.08
		-2458.68	0.41	1.68e-06	0.0	5.0	-8.08	-246.88	0.11	59.42	0.97	-1221.02
						10.0	-8.08	-248.19	0.11	59.42	1.53	-2458.68
71	26	559.95	-184.46	1.59e-03	-2.62	0.0	-206.67	56.82	-43.31	643.65	-184.46	4.84
		4.84	-617.60	-8.69e-04	0.0	5.0	-206.67	55.51	-43.31	643.65	-401.03	285.68
						10.0	-206.67	54.20	-43.31	643.65	-617.60	559.95
71	28	7.99	-184.39	1.94e-03	-2.62	0.0	-206.20	-55.74	-43.45	664.02	-184.39	7.99
		-562.53	-618.88	-8.70e-04	0.0	5.0	-206.20	-57.05	-43.45	664.02	-401.63	-273.99
						10.0	-206.20	-58.36	-43.45	664.02	-618.88	-562.53
71	29	4.83	3.65	3.00e-04	-2.62	0.0	-8.86	-57.96	0.33	25.47	0.30	4.83
		-587.89	0.30	4.48e-06	0.0	5.0	-8.86	-59.27	0.33	25.47	1.98	-288.25
						10.0	-8.86	-60.58	0.33	25.47	3.65	-587.89
71	30	395.97	-158.06	1.40e-03	-2.62	0.0	-178.42	40.43	-37.08	555.34	-158.06	4.84
		4.84	-528.85	-7.44e-04	0.0	5.0	-178.42	39.11	-37.08	555.34	-343.46	203.69
						10.0	-178.42	37.80	-37.08	555.34	-528.85	395.97
71	31	7.98	2.38	6.51e-04	-2.62	0.0	-8.39	-170.52	0.20	45.84	0.37	7.98
		-1710.36	0.37	2.04e-06	0.0	5.0	-8.39	-171.83	0.20	45.84	1.37	-847.91
						10.0	-8.39	-173.15	0.20	45.84	2.38	-1710.36
71	32	7.99	-158.00	1.75e-03	-2.62	0.0	-177.95	-72.14	-37.21	575.71	-158.00	7.99
		-726.50	-530.13	-7.45e-04	0.0	5.0	-177.95	-73.45	-37.21	575.71	-344.06	-355.98
						10.0	-177.95	-74.76	-37.21	575.71	-530.13	-726.50
72	3	210.15	3.61	9.92e-04	-3.41	0.0	-11.07	-255.42	-0.20	548.24	3.61	210.15

		-2361.12	1.62	0.0	0.0	5.0	-11.07	-257.13	-0.20	548.24	2.61	-1071.22
						10.0	-11.07	-258.83	-0.20	548.24	1.62	-2361.12
72	7	176.19	2.85	9.82e-04	-2.62	0.0	-8.74	-265.00	-0.31	499.77	2.85	176.19
		-2486.98	-0.25	-1.31e-06	0.0	5.0	-8.74	-266.32	-0.31	499.77	1.30	-1152.12
						10.0	-8.74	-267.63	-0.31	499.77	-0.25	-2486.98
72	9	2434.63	3971.45	1.18e-03	-3.41	0.0	169.59	209.66	1.46	-7438.22	3956.85	355.06
		355.06	3956.85	-2.12e-03	0.0	5.0	169.59	207.96	1.46	-7438.22	3964.15	1399.11
						10.0	169.59	206.25	1.46	-7438.22	3971.45	2434.63
72	12	2308.77	3969.59	1.17e-03	-2.62	0.0	171.92	200.08	1.35	-7486.69	3956.09	321.09
		321.09	3956.09	-2.12e-03	0.0	5.0	171.92	198.77	1.35	-7486.69	3962.84	1318.21
						10.0	171.92	197.46	1.35	-7486.69	3969.59	2308.77
72	17	155.15	2.75	6.66e-04	-2.62	0.0	-8.41	-165.99	-0.07	387.03	2.75	155.15
		-1517.86	2.02	0.0	0.0	5.0	-8.41	-167.30	-0.07	387.03	2.39	-678.07
						10.0	-8.41	-168.61	-0.07	387.03	2.02	-1517.86
72	19	1679.31	2648.58	7.90e-04	-2.62	0.0	112.04	144.07	1.03	-4937.29	2638.25	251.75
		251.75	2638.25	-1.41e-03	0.0	5.0	112.04	142.76	1.03	-4937.29	2643.41	968.81
						10.0	112.04	141.44	1.03	-4937.29	2648.58	1679.31
72	22	420.75	6.71	3.49e-05	-2.62	0.0	-7.72	32.09	0.41	161.51	2.57	113.00
		113.00	2.57	5.28e-06	0.0	5.0	-7.72	30.78	0.41	161.51	4.64	270.16
						10.0	-7.72	29.46	0.41	161.51	6.71	420.75
72	24	134.07	4.37	3.50e-04	-2.62	0.0	-8.06	-66.95	0.17	274.27	2.66	134.07
		-548.55	2.66	1.55e-06	0.0	5.0	-8.06	-68.26	0.17	274.27	3.52	-203.96
						10.0	-8.06	-69.58	0.17	274.27	4.37	-548.55
72	26	1301.74	1856.02	5.63e-04	-2.62	0.0	76.11	110.47	0.85	-3407.65	1847.55	210.13
		210.13	1847.55	-9.89e-04	0.0	5.0	76.11	109.16	0.85	-3407.65	1851.78	759.22
						10.0	76.11	107.85	0.85	-3407.65	1856.02	1301.74
72	29	420.75	6.71	3.49e-05	-2.62	0.0	-7.72	32.09	0.41	161.51	2.57	113.00
		113.00	2.57	5.28e-06	0.0	5.0	-7.72	30.78	0.41	161.51	4.64	270.16
						10.0	-7.72	29.46	0.41	161.51	6.71	420.75
72	30	1175.89	1591.83	4.88e-04	-2.62	0.0	64.13	99.28	0.79	-2897.77	1583.98	196.25
		196.25	1583.98	-8.47e-04	0.0	5.0	64.13	97.96	0.79	-2897.77	1587.91	689.35
						10.0	64.13	96.65	0.79	-2897.77	1591.83	1175.89
72	31	125.64	5.31	2.24e-04	-2.62	0.0	-7.93	-27.34	0.27	229.16	2.63	125.64
		-160.83	2.63	2.71e-06	0.0	5.0	-7.93	-28.65	0.27	229.16	3.97	-14.31
						10.0	-7.93	-29.96	0.27	229.16	5.31	-160.83
73	1	92.32	1.46	-5.72e-03	-11.79	0.0	56.97	7.26	-0.02	0.21	1.46	-243.12
		-243.12	-1.88	-1.47e-05	0.0	75.0	56.97	1.37	-0.02	0.21	-0.21	80.52
						150.0	56.97	-4.53	-0.02	0.21	-1.88	-38.11
73	7	65.48	3.41	-4.82e-03	-9.07	0.0	36.20	5.28	-0.02	-0.32	3.41	-164.52
		-164.52	1.04	-5.04e-04	0.0	75.0	36.20	0.74	-0.02	-0.32	2.23	61.18
						150.0	36.20	-3.79	-0.02	-0.32	1.04	-53.32
73	9	71.54	602.46	-9.29e-03	-11.79	0.0	171.05	5.67	-171.25	317.42	602.46	-132.84
		-166.34	-5913.44	0.25	337.50	75.0	171.05	-0.22	-2.50	317.42	-5913.44	71.54
						150.0	171.05	-6.12	166.25	317.42	226.91	-166.34
73	11	71.69	604.06	-9.59e-03	-11.79	0.0	165.70	5.46	-171.25	317.09	604.06	-117.06
		-183.17	-5911.79	0.25	337.50	75.0	165.70	-0.44	-2.50	317.09	-5911.79	71.02
						150.0	165.70	-6.34	166.25	317.09	228.62	-183.17
73	15	71.02	1.13	-4.40e-03	-9.07	0.0	43.83	5.59	-0.02	0.16	1.13	-187.03
		-187.03	-1.43	-1.66e-05	0.0	75.0	43.83	1.05	-0.02	0.16	-0.15	61.93
						150.0	43.83	-3.48	-0.02	0.16	-1.43	-29.30
73	17	66.70	2.65	-4.68e-03	-9.07	0.0	38.74	5.38	-0.02	-0.16	2.65	-172.00
		-172.00	0.20	-3.37e-04	0.0	75.0	38.74	0.84	-0.02	-0.16	1.42	61.44
						150.0	38.74	-3.69	-0.02	-0.16	0.20	-45.32
73	19	55.95	401.80	-6.78e-03	-9.07	0.0	119.88	4.53	-114.17	211.63	401.80	-113.51
		-114.79	-3942.30	0.17	225.00	75.0	119.88	-8.50e-03	-1.67	211.63	-3942.30	55.95
						150.0	119.88	-4.54	110.83	211.63	151.10	-114.79
73	21	55.60	402.86	-6.98e-03	-9.07	0.0	116.32	4.38	-114.17	211.41	402.86	-102.99
		-126.01	-3941.20	0.17	225.00	75.0	116.32	-0.15	-1.67	211.41	-3941.20	55.60
						150.0	116.32	-4.69	110.83	211.41	152.24	-126.01
73	22	71.02	1.13	-4.40e-03	-9.07	0.0	43.83	5.59	-0.02	0.16	1.13	-187.03
		-187.03	-1.43	-1.66e-05	0.0	75.0	43.83	1.05	-0.02	0.16	-0.15	61.93
						150.0	43.83	-3.48	-0.02	0.16	-1.43	-29.30
73	24	68.83	1.89	-4.54e-03	-9.07	0.0	41.29	5.48	-0.02	1.59e-03	1.89	-179.52
		-179.52	-0.61	-1.77e-04	0.0	75.0	41.29	0.95	-0.02	1.59e-03	0.64	61.68
						150.0	41.29	-3.59	-0.02	1.59e-03	-0.61	-37.31
73	26	57.99	281.60	-6.07e-03	-9.07	0.0	97.07	4.85	-79.93	148.19	281.60	-135.57
		-135.57	-2759.65	0.12	157.50	75.0	97.07	0.31	-1.18	148.19	-2759.65	57.74
						150.0	97.07	-4.23	77.57	148.19	105.35	-89.14
73	28	57.59	282.05	-6.15e-03	-9.07	0.0	95.54	4.78	-79.92	148.09	282.05	-131.06
		-131.06	-2759.18	0.12	157.50	75.0	95.54	0.25	-1.17	148.09	-2759.18	57.59
						150.0	95.54	-4.29	77.58	148.09	105.83	-93.95

73	29	71.02	1.13	-4.40e-03	-9.07	0.0	43.83	5.59	-0.02	0.16	1.13	-187.03
		-187.03	-1.43	-1.66e-05	0.0	75.0	43.83	1.05	-0.02	0.16	-0.15	61.93
						150.0	43.83	-3.48	-0.02	0.16	-1.43	-29.30
73	30	59.58	241.53	-5.83e-03	-9.07	0.0	89.46	4.95	-68.51	127.04	241.53	-142.92
		-142.92	-2365.44	0.10	135.00	75.0	89.46	0.42	-1.01	127.04	-2365.44	58.34
						150.0	89.46	-4.12	66.49	127.04	90.09	-80.59
73	31	69.71	1.59	-4.49e-03	-9.07	0.0	42.31	5.53	-0.02	0.06	1.59	-182.52
		-182.52	-0.94	-1.13e-04	0.0	75.0	42.31	0.99	-0.02	0.06	0.32	61.78
						150.0	42.31	-3.55	-0.02	0.06	-0.94	-34.11
73	32	58.85	241.98	-5.92e-03	-9.07	0.0	87.94	4.89	-68.51	126.95	241.98	-138.41
		-138.41	-2364.97	0.10	135.00	75.0	87.94	0.35	-1.01	126.95	-2364.97	58.19
						150.0	87.94	-4.18	66.49	126.95	90.58	-85.40
74	1	84.82	5.27	-6.84e-03	-8.39	0.0	-76.91	3.93	0.10	0.88	-16.62	-115.96
		-174.34	-16.62	4.99e-04	0.0	109.7	-80.84	-0.27	0.10	0.88	-5.67	84.77
						219.3	-84.77	-4.46	0.10	0.88	5.27	-174.34
74	11	93.64	2134.22	-5.57e-03	-8.39	0.0	43.81	4.92	-15.19	38.94	2134.22	-222.01
		-222.01	-1197.09	-0.03	0.0	109.7	39.88	0.72	-15.19	38.94	468.57	87.30
						219.3	35.95	-3.47	-15.19	38.94	-1197.09	-63.22
74	12	73.98	2135.90	-3.20e-03	-6.45	0.0	54.48	3.95	-15.23	38.77	2135.90	-191.79
		-191.79	-1204.55	-0.03	0.0	109.7	51.46	0.73	-15.23	38.77	465.67	65.04
						219.3	48.44	-2.50	-15.23	38.77	-1204.55	-31.85
74	14	78.21	2138.03	-4.01e-03	-6.45	0.0	61.49	4.01	-15.21	38.73	2138.03	-195.25
		-195.25	-1198.02	-0.03	0.0	109.7	58.46	0.79	-15.21	38.73	470.01	67.73
						219.3	55.44	-2.44	-15.21	38.73	-1198.02	-23.00
74	15	65.25	4.18	-5.26e-03	-6.45	0.0	-59.19	3.02	0.08	0.68	-12.80	-89.20
		-134.11	-12.80	3.73e-04	0.0	109.7	-62.22	-0.20	0.08	0.68	-4.31	65.20
						219.3	-65.24	-3.43	0.08	0.68	4.18	-134.11
74	19	68.06	1419.68	-3.87e-03	-6.45	0.0	16.62	3.64	-10.13	26.07	1419.68	-157.59
		-157.59	-801.75	-0.02	0.0	109.7	13.59	0.42	-10.13	26.07	308.96	65.10
						219.3	10.57	-2.81	-10.13	26.07	-801.75	-65.93
74	21	70.37	1421.10	-4.41e-03	-6.45	0.0	21.29	3.68	-10.12	26.05	1421.10	-159.90
		-159.90	-797.39	-0.02	0.0	109.7	18.26	0.46	-10.12	26.05	311.85	66.89
						219.3	15.24	-2.77	-10.12	26.05	-797.39	-60.03
74	22	65.25	4.18	-5.26e-03	-6.45	0.0	-59.19	3.02	0.08	0.68	-12.80	-89.20
		-134.11	-12.80	3.73e-04	0.0	109.7	-62.22	-0.20	0.08	0.68	-4.31	65.20
						219.3	-65.24	-3.43	0.08	0.68	4.18	-134.11
74	26	65.53	989.94	-4.27e-03	-6.45	0.0	-6.12	3.46	-7.07	18.45	989.94	-137.08
		-137.08	-559.97	-0.01	0.0	109.7	-9.15	0.23	-7.07	18.45	214.98	65.13
						219.3	-12.17	-2.99	-7.07	18.45	-559.97	-86.38
74	28	66.52	990.54	-4.50e-03	-6.45	0.0	-4.12	3.47	-7.06	18.44	990.54	-138.06
		-138.06	-558.10	-0.01	0.0	109.7	-7.15	0.25	-7.06	18.44	216.22	65.90
						219.3	-10.17	-2.98	-7.06	18.44	-558.10	-83.86
74	29	65.25	4.18	-5.26e-03	-6.45	0.0	-59.19	3.02	0.08	0.68	-12.80	-89.20
		-134.11	-12.80	3.73e-04	0.0	109.7	-62.22	-0.20	0.08	0.68	-4.31	65.20
						219.3	-65.24	-3.43	0.08	0.68	4.18	-134.11
74	30	65.14	846.69	-4.40e-03	-6.45	0.0	-13.71	3.39	-6.05	15.91	846.69	-130.24
		-130.24	-479.38	-0.01	0.0	109.7	-16.73	0.17	-6.05	15.91	183.66	65.14
						219.3	-19.75	-3.06	-6.05	15.91	-479.38	-93.20
74	31	65.97	6.05	-5.47e-03	-6.45	0.0	-57.19	3.04	0.08	0.67	-12.19	-90.19
		-131.58	-12.19	3.67e-04	0.0	109.7	-60.22	-0.19	0.08	0.67	-3.07	65.97
						219.3	-63.24	-3.41	0.08	0.67	6.05	-131.58
74	32	65.91	847.30	-4.63e-03	-6.45	0.0	-11.70	3.41	-6.04	15.90	847.30	-131.22
		-131.22	-477.51	-0.01	0.0	109.7	-14.73	0.18	-6.04	15.90	184.89	65.91
						219.3	-17.75	-3.04	-6.04	15.90	-477.51	-90.68
75	1	71.24	-0.80	-6.08e-03	-8.39	0.0	61.79	4.25	-3.12e-03	-0.13	-0.80	-164.75
		-164.75	-1.49	-1.05e-03	0.0	109.7	65.72	0.06	-3.12e-03	-0.13	-1.14	71.24
						219.3	69.65	-4.14	-3.12e-03	-0.13	-1.49	-152.59
75	3	68.84	-3.25	-6.57e-03	-8.39	0.0	50.77	4.31	8.46e-03	-0.14	-5.11	-173.44
		-173.44	-5.11	-2.32e-03	0.0	109.7	54.70	0.11	8.46e-03	-0.14	-4.18	68.84
						219.3	58.64	-4.08	8.46e-03	-0.14	-3.25	-148.72
75	11	30.42	4678.78	7.45e-03	-8.39	0.0	-27.02	6.24	10.30	63.26	2418.93	-478.96
		-478.96	2418.93	0.57	0.0	109.7	-23.09	2.05	10.30	63.26	3548.85	-24.41
						219.3	-19.16	-2.14	10.30	63.26	4678.78	-29.70
75	12	28.52	4680.15	8.17e-03	-6.45	0.0	-33.58	5.22	10.29	63.31	2422.34	-434.85
		-434.85	2422.34	0.57	0.0	109.7	-30.56	2.00	10.29	63.31	3551.25	-39.17
						219.3	-27.53	-1.23	10.29	63.31	4680.15	2.80
75	14	29.58	4678.92	8.15e-03	-6.45	0.0	-41.29	5.26	10.30	63.30	2419.33	-440.93
		-440.93	2419.33	0.57	0.0	109.7	-38.27	2.04	10.30	63.30	3549.12	-40.85
						219.3	-35.25	-1.19	10.30	63.30	4678.92	5.51
75	15	54.81	-0.52	-4.68e-03	-6.45	0.0	47.52	3.27	-3.23e-03	-0.10	-0.52	-126.72
		-126.72	-1.23	-7.98e-04	0.0	109.7	50.55	0.04	-3.23e-03	-0.10	-0.88	54.81

						219.3	53.57	-3.18	-3.23e-03	-0.10	-1.23	-117.38
75	17	53.20	-2.41	-5.00e-03	-6.45	0.0	40.18	3.31	4.50e-03	-0.11	-3.40	-132.51
		-132.51	-3.40	-1.64e-03	0.0	109.7	43.20	0.08	4.50e-03	-0.11	-2.90	53.20
						219.3	46.23	-3.14	4.50e-03	-0.11	-2.41	-114.80
75	19	22.58	3119.77	4.66e-03	-6.45	0.0	-6.54	4.57	6.86	42.17	1614.64	-332.15
		-332.15	1614.64	0.38	0.0	109.7	-3.52	1.34	6.86	42.17	2367.20	-7.84
						219.3	-0.49	-1.88	6.86	42.17	3119.77	-37.26
75	21	22.55	3118.94	4.65e-03	-6.45	0.0	-11.68	4.60	6.87	42.16	1612.63	-336.20
		-336.20	1612.63	0.38	0.0	109.7	-8.66	1.37	6.87	42.16	2365.79	-8.97
						219.3	-5.63	-1.85	6.87	42.16	3118.94	-35.45
75	22	54.81	-0.52	-4.68e-03	-6.45	0.0	47.52	3.27	-3.23e-03	-0.10	-0.52	-126.72
		-126.72	-1.23	-7.98e-04	0.0	109.7	50.55	0.04	-3.23e-03	-0.10	-0.88	54.81
						219.3	53.57	-3.18	-3.23e-03	-0.10	-1.23	-117.38
75	24	54.00	-1.82	-4.83e-03	-6.45	0.0	43.85	3.29	6.35e-04	-0.10	-1.96	-129.62
		-129.62	-1.96	-1.22e-03	0.0	109.7	46.88	0.06	6.35e-04	-0.10	-1.89	54.00
						219.3	49.90	-3.16	6.35e-04	-0.10	-1.82	-116.09
75	26	26.05	2183.47	-2.98e-03	-6.45	0.0	9.68	4.18	4.80	29.49	1130.09	-270.52
		-270.52	1130.09	0.27	0.0	109.7	12.70	0.95	4.80	29.49	1656.78	10.95
						219.3	15.73	-2.27	4.80	29.49	2183.47	-61.29
75	28	25.88	2183.11	-3.22e-03	-6.45	0.0	7.47	4.19	4.81	29.49	1129.23	-272.26
		-272.26	1129.23	0.27	0.0	109.7	10.50	0.97	4.81	29.49	1656.17	10.47
						219.3	13.52	-2.26	4.81	29.49	2183.11	-60.52
75	29	54.81	-0.52	-4.68e-03	-6.45	0.0	47.52	3.27	-3.23e-03	-0.10	-0.52	-126.72
		-126.72	-1.23	-7.98e-04	0.0	109.7	50.55	0.04	-3.23e-03	-0.10	-0.88	54.81
						219.3	53.57	-3.18	-3.23e-03	-0.10	-1.23	-117.38
75	30	28.75	1871.37	-3.02e-03	-6.45	0.0	15.08	4.05	4.12	25.26	968.57	-249.98
		-249.98	968.57	0.23	0.0	109.7	18.11	0.82	4.12	25.26	1419.97	17.22
						219.3	21.13	-2.40	4.12	25.26	1871.37	-69.31
75	31	54.32	-1.39	-4.77e-03	-6.45	0.0	45.32	3.28	-9.10e-04	-0.10	-1.39	-128.46
		-128.46	-1.59	-1.05e-03	0.0	109.7	48.35	0.05	-9.10e-04	-0.10	-1.49	54.32
						219.3	51.37	-3.17	-9.10e-04	-0.10	-1.59	-116.61
75	32	28.58	1871.01	-3.26e-03	-6.45	0.0	12.88	4.06	4.12	25.26	967.71	-251.71
		-251.71	967.71	0.23	0.0	109.7	15.91	0.84	4.12	25.26	1419.36	16.73
						219.3	18.93	-2.39	4.12	25.26	1871.01	-68.53
76	7	70.09	3.53	-8.10e-03	-6.05	0.0	48.20	3.45	-3.46e-03	0.02	3.53	-138.74
		-138.74	2.80	1.96e-03	0.0	106.1	45.17	0.43	-3.46e-03	0.02	3.16	66.93
						212.1	42.15	-2.60	-3.46e-03	0.02	2.80	-48.14
76	9	161.54	6647.14	-0.02	-7.86	0.0	292.54	5.40	55.16	-235.25	-5053.47	-231.19
		-231.19	-5053.47	-0.57	0.0	106.1	288.61	1.46	55.16	-235.25	796.83	132.61
						212.1	284.68	-2.47	55.16	-235.25	6647.14	79.45
76	11	167.93	6647.36	-0.02	-7.86	0.0	285.88	5.47	55.14	-235.27	-5049.11	-235.12
		-235.12	-5049.11	-0.57	0.0	106.1	281.95	1.54	55.14	-235.27	799.13	136.19
						212.1	278.02	-2.40	55.14	-235.27	6647.36	90.53
76	17	67.94	2.64	-7.76e-03	-6.05	0.0	51.35	3.42	5.94e-03	0.03	1.38	-136.87
		-136.87	1.38	1.55e-03	0.0	106.1	48.33	0.39	5.94e-03	0.03	2.01	65.23
						212.1	45.30	-2.63	5.94e-03	0.03	2.64	-53.41
76	19	114.66	4431.78	-0.01	-6.05	0.0	202.73	4.04	36.77	-156.82	-3369.30	-171.88
		-171.88	-3369.30	-0.38	0.0	106.1	199.71	1.02	36.77	-156.82	531.24	96.65
						212.1	196.68	-2.00	36.77	-156.82	4431.78	44.43
76	21	118.92	4431.93	-0.01	-6.05	0.0	198.29	4.09	36.76	-156.84	-3366.39	-174.50
		-174.50	-3366.39	-0.38	0.0	106.1	195.27	1.07	36.76	-156.84	532.77	99.03
						212.1	192.24	-1.96	36.76	-156.84	4431.93	51.82
76	24	65.79	2.54	-7.42e-03	-6.05	0.0	54.52	3.38	0.02	0.04	-0.69	-135.00
		-135.00	-0.69	1.14e-03	0.0	106.1	51.50	0.36	0.02	0.04	0.92	63.53
						212.1	48.48	-2.66	0.02	0.04	2.54	-58.69
76	26	97.70	3102.98	-0.01	-6.05	0.0	159.22	3.84	25.75	-109.76	-2359.34	-160.25
		-160.25	-2359.34	-0.27	0.0	106.1	156.20	0.81	25.75	-109.76	371.82	86.20
						212.1	153.17	-2.21	25.75	-109.76	3102.98	11.91
76	28	99.26	3103.04	-0.01	-6.05	0.0	157.32	3.86	25.74	-109.77	-2358.10	-161.37
		-161.37	-2358.10	-0.27	0.0	106.1	154.29	0.83	25.74	-109.77	372.47	87.22
						212.1	151.27	-2.19	25.74	-109.77	3103.04	15.08
76	30	92.38	2660.04	-9.96e-03	-6.05	0.0	144.72	3.77	22.07	-94.07	-2022.69	-156.38
		-156.38	-2022.69	-0.23	0.0	106.1	141.69	0.74	22.07	-94.07	318.68	82.72
						212.1	138.67	-2.28	22.07	-94.07	2660.04	1.07
76	31	64.93	2.49	-7.28e-03	-6.05	0.0	55.79	3.37	0.02	0.05	-1.52	-134.25
		-134.25	-1.52	9.71e-04	0.0	106.1	52.77	0.35	0.02	0.05	0.49	62.85
						212.1	49.74	-2.68	0.02	0.05	2.49	-60.80
76	32	93.94	2660.10	-0.01	-6.05	0.0	142.81	3.79	22.07	-94.08	-2021.44	-157.50
		-157.50	-2021.44	-0.23	0.0	106.1	139.79	0.76	22.07	-94.08	319.33	83.74
						212.1	136.77	-2.26	22.07	-94.08	2660.10	4.24
77	1	69.34	2.73	-8.64e-03	-7.86	0.0	-88.43	4.21	0.05	-0.15	-7.62	-169.04

		-169.04	-7.62	-9.63e-04	0.0	106.1	-84.50	0.28	0.05	-0.15	-2.44	68.91
						212.1	-80.57	-3.65	0.05	-0.15	2.73	-110.10
77	7	50.23	-1.08	-6.84e-03	-6.05	0.0	-58.18	3.29	0.02	-0.07	-4.48	-139.02
		-139.02	-4.48	-2.41e-03	0.0	106.1	-55.16	0.26	0.02	-0.07	-2.78	49.25
						212.1	-52.14	-2.76	0.02	-0.07	-1.08	-83.23
77	9	41.67	6849.09	-0.01	-7.86	0.0	-257.19	4.72	-33.16	204.69	6849.09	-258.64
		-258.64	-184.41	0.83	0.0	106.1	-253.26	0.79	-33.16	204.69	3332.34	33.73
						212.1	-249.33	-3.14	-33.16	204.69	-184.41	-90.87
77	11	39.95	6850.04	-0.01	-7.86	0.0	-250.29	4.76	-33.17	204.72	6850.04	-264.94
		-264.94	-186.59	0.82	0.0	106.1	-246.36	0.83	-33.17	204.72	3331.72	31.09
						212.1	-242.43	-3.11	-33.17	204.72	-186.59	-89.85
77	14	25.35	6851.82	-9.58e-03	-6.05	0.0	-229.91	3.79	-33.18	204.76	6851.82	-225.92
		-225.92	-187.28	0.82	0.0	106.1	-226.88	0.76	-33.18	204.76	3332.27	15.19
						212.1	-223.86	-2.26	-33.18	204.76	-187.28	-64.44
77	15	53.34	2.08	-6.64e-03	-6.05	0.0	-68.03	3.24	0.04	-0.12	-5.85	-130.03
		-130.03	-5.85	-7.40e-04	0.0	106.1	-65.01	0.21	0.04	-0.12	-1.89	53.01
						212.1	-61.98	-2.81	0.04	-0.12	2.08	-84.70
77	17	51.26	-6.92e-03	-6.74e-03	-6.05	0.0	-61.46	3.27	0.02	-0.08	-4.94	-136.02
		-136.02	-4.94	-1.85e-03	0.0	106.1	-58.43	0.25	0.02	-0.08	-2.47	50.50
						212.1	-55.41	-2.78	0.02	-0.08	-6.92e-03	-83.72
77	19	34.41	4565.28	-8.19e-03	-6.05	0.0	-180.54	3.58	-22.10	136.44	4565.28	-189.76
		-189.76	-122.68	0.55	0.0	106.1	-177.52	0.56	-22.10	136.44	2221.30	29.55
						212.1	-174.50	-2.47	-22.10	136.44	-122.68	-71.88
77	21	33.12	4565.92	-8.47e-03	-6.05	0.0	-175.94	3.60	-22.11	136.47	4565.92	-193.96
		-193.96	-124.14	0.55	0.0	106.1	-172.92	0.58	-22.11	136.47	2220.89	27.80
						212.1	-169.89	-2.45	-22.11	136.47	-124.14	-71.19
77	22	53.34	2.08	-6.64e-03	-6.05	0.0	-68.03	3.24	0.04	-0.12	-5.85	-130.03
		-130.03	-5.85	-7.40e-04	0.0	106.1	-65.01	0.21	0.04	-0.12	-1.89	53.01
						212.1	-61.98	-2.81	0.04	-0.12	2.08	-84.70
77	24	52.30	1.03	-6.69e-03	-6.05	0.0	-64.75	3.25	0.03	-0.10	-5.40	-133.03
		-133.03	-5.40	-1.30e-03	0.0	106.1	-61.72	0.23	0.03	-0.10	-2.18	51.75
						212.1	-58.70	-2.79	0.03	-0.10	1.03	-84.21
77	26	40.09	3193.94	-7.60e-03	-6.05	0.0	-146.79	3.48	-15.46	95.48	3193.94	-171.84
		-171.84	-85.25	0.38	0.0	106.1	-143.77	0.45	-15.46	95.48	1554.34	36.59
						212.1	-140.74	-2.57	-15.46	95.48	-85.25	-75.72
77	28	39.47	3194.22	-7.72e-03	-6.05	0.0	-144.82	3.49	-15.46	95.49	3194.22	-173.64
		-173.64	-85.88	0.38	0.0	106.1	-141.79	0.46	-15.46	95.49	1554.17	35.84
						212.1	-138.77	-2.56	-15.46	95.49	-85.88	-75.43
77	29	53.34	2.08	-6.64e-03	-6.05	0.0	-68.03	3.24	0.04	-0.12	-5.85	-130.03
		-130.03	-5.85	-7.40e-04	0.0	106.1	-65.01	0.21	0.04	-0.12	-1.89	53.01
						212.1	-61.98	-2.81	0.04	-0.12	2.08	-84.70
77	30	41.98	2736.83	-7.41e-03	-6.05	0.0	-135.54	3.44	-13.24	81.82	2736.83	-165.87
		-165.87	-72.78	0.33	0.0	106.1	-132.51	0.42	-13.24	81.82	1332.03	38.93
						212.1	-129.49	-2.61	-13.24	81.82	-72.78	-77.00
77	31	52.71	1.45	-6.67e-03	-6.05	0.0	-66.06	3.25	0.03	-0.11	-5.58	-131.83
		-131.83	-5.58	-1.07e-03	0.0	106.1	-63.04	0.22	0.03	-0.11	-2.06	52.26
						212.1	-60.01	-2.80	0.03	-0.11	1.45	-84.40
77	32	41.36	2737.10	-7.53e-03	-6.05	0.0	-133.57	3.45	-13.25	81.83	2737.10	-167.67
		-167.67	-73.40	0.33	0.0	106.1	-130.54	0.43	-13.25	81.83	1331.85	38.18
						212.1	-127.52	-2.60	-13.25	81.83	-73.40	-76.71
92	3	41.01	0.66	-3.24e-03	-4.79	0.0	-18.66	2.41	-8.15e-03	0.03	0.66	-82.40
		-82.40	-0.99	8.51e-04	0.0	101.6	-16.04	0.02	-8.15e-03	0.03	-0.16	41.01
						203.1	-13.42	-2.38	-8.15e-03	0.03	-0.99	-78.71
92	9	40.84	4617.81	-3.61e-03	-4.79	0.0	2.69	2.45	-27.36	219.52	4617.81	-86.02
		-86.02	-940.33	2.32	0.0	101.6	5.31	0.05	-27.36	219.52	1838.74	40.84
						203.1	7.93	-2.34	-27.36	219.52	-940.33	-75.44
92	11	40.86	4617.91	-3.61e-03	-4.79	0.0	2.29	2.45	-27.36	219.53	4617.91	-85.96
		-85.96	-940.55	2.32	0.0	101.6	4.91	0.05	-27.36	219.53	1838.68	40.86
						203.1	7.53	-2.34	-27.36	219.53	-940.55	-75.45
92	12	31.33	4617.69	-2.84e-03	-3.68	0.0	9.38	1.88	-27.36	219.51	4617.69	-66.60
		-66.60	-940.17	2.32	0.0	101.6	11.39	0.04	-27.36	219.51	1838.76	31.33
						203.1	13.41	-1.80	-27.36	219.51	-940.17	-57.76
92	17	31.52	0.49	-2.48e-03	-3.68	0.0	-13.21	1.85	-6.01e-03	0.03	0.49	-63.23
		-63.23	-0.73	5.58e-04	0.0	101.6	-11.19	0.01	-6.01e-03	0.03	-0.12	31.52
						203.1	-9.17	-1.83	-6.01e-03	0.03	-0.73	-60.75
92	19	31.41	3078.59	-2.72e-03	-3.68	0.0	1.03	1.88	-18.24	146.35	3078.59	-65.64
		-65.64	-626.95	1.55	0.0	101.6	3.05	0.03	-18.24	146.35	1225.82	31.41
						203.1	5.06	-1.81	-18.24	146.35	-626.95	-58.57
92	21	31.42	3078.66	-2.72e-03	-3.68	0.0	0.76	1.88	-18.24	146.35	3078.66	-65.60
		-65.60	-627.10	1.55	0.0	101.6	2.78	0.03	-18.24	146.35	1225.78	31.42
						203.1	4.80	-1.81	-18.24	146.35	-627.10	-58.58

92	24	31.51	0.45	-2.48e-03	-3.68	0.0	-13.02	1.85	-5.25e-03	0.02	0.45	-63.25
		-63.25	-0.62	2.58e-04	0.0	101.6	-11.00	0.01	-5.25e-03	0.02	-0.09	31.51
						203.1	-8.98	-1.83	-5.25e-03	0.02	-0.62	-60.75
92	26	31.44	2155.13	-2.65e-03	-3.68	0.0	-3.13	1.87	-12.77	102.45	2155.13	-64.93
		-64.93	-439.02	1.08	0.0	101.6	-1.11	0.03	-12.77	102.45	858.06	31.44
						203.1	0.91	-1.81	-12.77	102.45	-439.02	-59.22
92	28	31.44	2155.16	-2.65e-03	-3.68	0.0	-3.24	1.87	-12.77	102.45	2155.16	-64.91
		-64.91	-439.09	1.08	0.0	101.6	-1.22	0.03	-12.77	102.45	858.04	31.44
						203.1	0.79	-1.81	-12.77	102.45	-439.09	-59.23
92	30	31.45	1847.31	-2.62e-03	-3.68	0.0	-4.51	1.87	-10.95	87.81	1847.31	-64.70
		-64.70	-376.38	0.93	0.0	101.6	-2.50	0.03	-10.95	87.81	735.47	31.45
						203.1	-0.48	-1.82	-10.95	87.81	-376.38	-59.44
92	31	31.51	0.43	-2.48e-03	-3.68	0.0	-12.94	1.85	-4.95e-03	0.02	0.43	-63.26
		-63.26	-0.58	1.37e-04	0.0	101.6	-10.92	0.01	-4.95e-03	0.02	-0.08	31.51
						203.1	-8.91	-1.83	-4.95e-03	0.02	-0.58	-60.74
92	32	31.45	1847.34	-2.62e-03	-3.68	0.0	-4.63	1.87	-10.95	87.82	1847.34	-64.68
		-64.68	-376.44	0.93	0.0	101.6	-2.61	0.03	-10.95	87.82	735.45	31.45
						203.1	-0.59	-1.82	-10.95	87.82	-376.44	-59.44
93	1	42.80	0.49	-3.12e-03	-4.79	0.0	-6.25	2.45	-1.24e-03	9.00e-03	0.49	-84.71
		-84.71	0.23	6.08e-05	0.0	101.6	-8.87	0.06	-1.24e-03	9.00e-03	0.36	42.80
						203.1	-11.49	-2.34	-1.24e-03	9.00e-03	0.23	-72.83
93	5	32.48	0.37	-2.36e-03	-3.68	0.0	-3.95	1.87	-9.26e-04	6.92e-03	0.37	-64.24
		-64.24	0.18	5.62e-05	0.0	101.6	-5.97	0.03	-9.26e-04	6.92e-03	0.28	32.48
						203.1	-7.99	-1.81	-9.26e-04	6.92e-03	0.18	-57.83
93	7	32.47	0.43	-2.34e-03	-3.68	0.0	-3.45	1.87	-3.99e-04	1.50e-03	0.43	-64.13
		-64.13	0.35	-8.75e-04	0.0	101.6	-5.47	0.03	-3.99e-04	1.50e-03	0.39	32.47
						203.1	-7.48	-1.81	-3.99e-04	1.50e-03	0.35	-57.95
93	9	42.34	4622.40	-3.02e-03	-4.79	0.0	-11.20	2.42	21.89	-194.24	174.85	-82.34
		-82.34	174.85	-2.35	0.0	101.6	-13.82	0.03	21.89	-194.24	2398.62	42.34
						203.1	-16.44	-2.36	21.89	-194.24	4622.40	-76.11
93	11	42.34	4622.52	-3.00e-03	-4.79	0.0	-10.85	2.42	21.89	-194.25	174.89	-82.26
		-82.26	174.89	-2.35	0.0	101.6	-13.47	0.03	21.89	-194.25	2398.70	42.34
						203.1	-16.09	-2.36	21.89	-194.25	4622.52	-76.20
93	15	32.73	0.37	-2.38e-03	-3.68	0.0	-4.43	1.88	-9.40e-04	6.92e-03	0.37	-64.76
		-64.76	0.18	5.09e-05	0.0	101.6	-6.45	0.04	-9.40e-04	6.92e-03	0.28	32.73
						203.1	-8.47	-1.80	-9.40e-04	6.92e-03	0.18	-56.81
93	17	32.73	0.41	-2.37e-03	-3.68	0.0	-4.10	1.88	-5.89e-04	3.31e-03	0.41	-64.69
		-64.69	0.29	-5.70e-04	0.0	101.6	-6.11	0.04	-5.89e-04	3.31e-03	0.35	32.73
						203.1	-8.13	-1.80	-5.89e-04	3.31e-03	0.29	-56.89
93	19	32.42	3081.62	-2.32e-03	-3.68	0.0	-7.74	1.86	14.60	-129.49	116.61	-63.18
		-63.18	116.61	-1.57	0.0	101.6	-9.75	0.02	14.60	-129.49	1599.12	32.42
						203.1	-11.77	-1.82	14.60	-129.49	3081.62	-59.00
93	21	32.42	3081.70	-2.30e-03	-3.68	0.0	-7.50	1.86	14.60	-129.50	116.64	-63.13
		-63.13	116.64	-1.57	0.0	101.6	-9.52	0.02	14.60	-129.50	1599.17	32.42
						203.1	-11.53	-1.82	14.60	-129.50	3081.70	-59.05
93	22	32.73	0.37	-2.38e-03	-3.68	0.0	-4.43	1.88	-9.40e-04	6.92e-03	0.37	-64.76
		-64.76	0.18	5.09e-05	0.0	101.6	-6.45	0.04	-9.40e-04	6.92e-03	0.28	32.73
						203.1	-8.47	-1.80	-9.40e-04	6.92e-03	0.18	-56.81
93	24	32.73	0.39	-2.38e-03	-3.68	0.0	-4.27	1.88	-7.64e-04	5.12e-03	0.39	-64.72
		-64.72	0.24	-2.60e-04	0.0	101.6	-6.28	0.04	-7.64e-04	5.12e-03	0.32	32.73
						203.1	-8.30	-1.80	-7.64e-04	5.12e-03	0.24	-56.85
93	26	32.52	2157.19	-2.34e-03	-3.68	0.0	-6.75	1.87	10.22	-90.64	81.74	-63.65
		-63.65	81.74	-1.10	0.0	101.6	-8.76	0.03	10.22	-90.64	1119.47	32.52
						203.1	-10.78	-1.82	10.22	-90.64	2157.19	-58.34
93	28	32.51	2157.22	-2.33e-03	-3.68	0.0	-6.65	1.87	10.22	-90.64	81.75	-63.63
		-63.63	81.75	-1.10	0.0	101.6	-8.66	0.03	10.22	-90.64	1119.49	32.51
						203.1	-10.68	-1.82	10.22	-90.64	2157.22	-58.37
93	29	32.73	0.37	-2.38e-03	-3.68	0.0	-4.43	1.88	-9.40e-04	6.92e-03	0.37	-64.76
		-64.76	0.18	5.09e-05	0.0	101.6	-6.45	0.04	-9.40e-04	6.92e-03	0.28	32.73
						203.1	-8.47	-1.80	-9.40e-04	6.92e-03	0.18	-56.81
93	30	32.55	1849.05	-2.34e-03	-3.68	0.0	-6.42	1.87	8.76	-77.69	70.12	-63.81
		-63.81	70.12	-0.94	0.0	101.6	-8.43	0.03	8.76	-77.69	959.58	32.55
						203.1	-10.45	-1.81	8.76	-77.69	1849.05	-58.12
93	31	32.73	0.38	-2.38e-03	-3.68	0.0	-4.33	1.88	-8.35e-04	5.84e-03	0.38	-64.74
		-64.74	0.21	-1.36e-04	0.0	101.6	-6.35	0.04	-8.35e-04	5.84e-03	0.30	32.73
						203.1	-8.37	-1.80	-8.35e-04	5.84e-03	0.21	-56.83
93	32	32.54	1849.08	-2.34e-03	-3.68	0.0	-6.32	1.87	8.76	-77.69	70.13	-63.79
		-63.79	70.13	-0.94	0.0	101.6	-8.33	0.03	8.76	-77.69	959.61	32.54
						203.1	-10.35	-1.81	8.76	-77.69	1849.08	-58.15
94	1	328.30	0.54	-3.22e-03	-26.73	0.0	-7.99	11.91	2.38e-03	0.54	1.16e-03	-268.95
		-595.12	1.16e-03	7.07e-05	0.0	112.5	-7.99	-1.45	2.38e-03	0.54	0.27	319.66

						225.0	-7.99	-14.81	2.38e-03	0.54	0.54	-595.12
94	11	341.34	0.57	7.06e-03	-26.73	0.0	-4.46	10.73	-0.97	194.89	0.57	-140.90
		-734.15	-217.33	0.05	0.0	112.5	-4.46	-2.64	-0.97	194.89	-108.38	314.17
						225.0	-4.46	-16.00	-0.97	194.89	-217.33	-734.15
94	12	268.60	0.57	7.09e-03	-20.56	0.0	-2.65	7.99	-0.97	194.74	0.57	-80.18
		-595.67	-217.47	0.05	0.0	112.5	-2.65	-2.29	-0.97	194.74	-108.45	240.30
						225.0	-2.65	-12.57	-0.97	194.74	-217.47	-595.67
94	14	269.01	0.57	7.09e-03	-20.56	0.0	-2.62	7.98	-0.97	194.76	0.57	-78.84
		-596.81	-217.45	0.05	0.0	112.5	-2.62	-2.30	-0.97	194.76	-108.44	240.40
						225.0	-2.62	-12.58	-0.97	194.76	-217.45	-596.81
94	15	252.54	0.41	-2.48e-03	-20.56	0.0	-6.15	9.16	1.83e-03	0.41	8.95e-04	-206.88
		-457.79	8.95e-04	5.44e-05	0.0	112.5	-6.15	-1.12	1.83e-03	0.41	0.21	245.89
						225.0	-6.15	-11.39	1.83e-03	0.41	0.41	-457.79
94	17	252.78	0.43	-2.48e-03	-20.56	0.0	-6.11	9.15	1.89e-03	0.44	9.44e-04	-205.60
		-458.88	9.44e-04	5.64e-05	0.0	112.5	-6.11	-1.13	1.89e-03	0.44	0.21	245.99
						225.0	-6.11	-11.41	1.89e-03	0.44	0.43	-458.88
94	19	259.84	0.38	4.70e-03	-20.56	0.0	-3.82	8.38	-0.65	129.97	0.38	-122.42
		-549.71	-144.84	0.03	0.0	112.5	-3.82	-1.90	-0.65	129.97	-72.23	242.16
						225.0	-3.82	-12.18	-0.65	129.97	-144.84	-549.71
94	21	260.01	0.38	4.70e-03	-20.56	0.0	-3.79	8.37	-0.65	129.98	0.38	-121.52
		-550.47	-144.83	0.03	0.0	112.5	-3.79	-1.91	-0.65	129.98	-72.23	242.23
						225.0	-3.79	-12.19	-0.65	129.98	-144.83	-550.47
94	22	252.54	0.41	-2.48e-03	-20.56	0.0	-6.15	9.16	1.83e-03	0.41	8.95e-04	-206.88
		-457.79	8.95e-04	5.44e-05	0.0	112.5	-6.15	-1.12	1.83e-03	0.41	0.21	245.89
						225.0	-6.15	-11.39	1.83e-03	0.41	0.41	-457.79
94	24	252.66	0.42	-2.48e-03	-20.56	0.0	-6.13	9.16	1.86e-03	0.43	9.20e-04	-206.24
		-458.33	9.20e-04	5.54e-05	0.0	112.5	-6.13	-1.12	1.86e-03	0.43	0.21	245.94
						225.0	-6.13	-11.40	1.86e-03	0.43	0.42	-458.33
94	26	257.65	0.26	3.26e-03	-20.56	0.0	-4.52	8.62	-0.45	91.10	0.26	-147.76
		-522.13	-101.26	0.02	0.0	112.5	-4.52	-1.66	-0.45	91.10	-50.50	243.28
						225.0	-4.52	-11.94	-0.45	91.10	-101.26	-522.13
94	28	257.72	0.26	3.26e-03	-20.56	0.0	-4.51	8.61	-0.45	91.11	0.26	-147.37
		-522.46	-101.26	0.02	0.0	112.5	-4.51	-1.67	-0.45	91.11	-50.50	243.31
						225.0	-4.51	-11.95	-0.45	91.11	-101.26	-522.46
94	29	252.54	0.41	-2.48e-03	-20.56	0.0	-6.15	9.16	1.83e-03	0.41	8.95e-04	-206.88
		-457.79	8.95e-04	5.44e-05	0.0	112.5	-6.15	-1.12	1.83e-03	0.41	0.21	245.89
						225.0	-6.15	-11.39	1.83e-03	0.41	0.41	-457.79
94	30	256.92	0.23	2.78e-03	-20.56	0.0	-4.75	8.69	-0.39	78.15	0.23	-156.20
		-512.94	-86.74	0.02	0.0	112.5	-4.75	-1.59	-0.39	78.15	-43.26	243.66
						225.0	-4.75	-11.87	-0.39	78.15	-86.74	-512.94
94	31	252.61	0.42	-2.48e-03	-20.56	0.0	-6.14	9.16	1.85e-03	0.42	9.10e-04	-206.50
		-458.11	9.10e-04	5.50e-05	0.0	112.5	-6.14	-1.12	1.85e-03	0.42	0.21	245.92
						225.0	-6.14	-11.40	1.85e-03	0.42	0.42	-458.11
94	32	256.99	0.23	2.78e-03	-20.56	0.0	-4.74	8.69	-0.39	78.15	0.23	-155.82
		-513.27	-86.73	0.02	0.0	112.5	-4.74	-1.59	-0.39	78.15	-43.25	243.68
						225.0	-4.74	-11.87	-0.39	78.15	-86.73	-513.27
96	3	43.03	0.21	-3.11e-03	-4.79	0.0	-3.87	2.33	-0.02	0.04	0.21	-71.84
		-85.22	-3.49	3.75e-04	0.0	101.6	-1.25	-0.07	-0.02	0.04	-1.64	43.03
						203.1	1.37	-2.46	-0.02	0.04	-3.49	-85.22
96	7	32.58	0.17	-2.35e-03	-3.68	0.0	-4.50	1.81	-0.02	0.04	0.17	-57.47
		-64.39	-2.90	4.12e-04	0.0	101.6	-2.48	-0.03	-0.02	0.04	-1.36	32.58
						203.1	-0.47	-1.88	-0.02	0.04	-2.90	-64.39
96	9	42.77	4092.60	-3.93e-03	-4.79	0.0	45.98	2.39	-31.28	220.16	4092.60	-78.92
		-78.92	-2261.76	1.87	0.0	101.6	48.60	1.15e-03	-31.28	220.16	915.42	42.77
						203.1	51.22	-2.39	-31.28	220.16	-2261.76	-78.68
96	11	42.84	4092.58	-3.91e-03	-4.79	0.0	44.83	2.39	-31.28	220.17	4092.58	-78.75
		-78.75	-2262.45	1.87	0.0	101.6	47.45	2.11e-04	-31.28	220.17	915.06	42.84
						203.1	50.07	-2.39	-31.28	220.17	-2262.45	-78.71
96	17	32.86	0.17	-2.38e-03	-3.68	0.0	-3.30	1.80	-0.01	0.03	0.17	-56.27
		-65.04	-2.57	2.33e-04	0.0	101.6	-1.29	-0.04	-0.01	0.03	-1.20	32.86
						203.1	0.73	-1.88	-0.01	0.03	-2.57	-65.04
96	19	32.68	2728.43	-2.92e-03	-3.68	0.0	29.93	1.84	-20.85	146.77	2728.43	-60.99
		-60.99	-1508.09	1.25	0.0	101.6	31.94	1.52e-03	-20.85	146.77	610.17	32.68
						203.1	33.96	-1.84	-20.85	146.77	-1508.09	-60.68
96	21	32.72	2728.42	-2.91e-03	-3.68	0.0	29.16	1.84	-20.86	146.78	2728.42	-60.88
		-60.88	-1508.55	1.25	0.0	101.6	31.18	8.91e-04	-20.86	146.78	609.93	32.72
						203.1	33.19	-1.84	-20.86	146.78	-1508.55	-60.70
96	24	32.82	0.18	-2.39e-03	-3.68	0.0	-2.76	1.80	-0.01	0.03	0.18	-56.35
		-65.03	-2.24	-1.25e-04	0.0	101.6	-0.74	-0.04	-0.01	0.03	-1.03	32.82
						203.1	1.27	-1.88	-0.01	0.03	-2.24	-65.03
96	26	32.71	1909.96	-2.77e-03	-3.68	0.0	20.28	1.83	-14.60	102.75	1909.96	-59.62

		-61.98	-1056.24	0.87	0.0	101.6	22.30	-0.01	-14.60	102.75	426.86	32.71
						203.1	24.32	-1.85	-14.60	102.75	-1056.24	-61.98
96	28	32.73	1909.95	-2.76e-03	-3.68	0.0	19.96	1.83	-14.60	102.75	1909.95	-59.57
		-61.99	-1056.44	0.87	0.0	101.6	21.97	-0.01	-14.60	102.75	426.76	32.73
						203.1	23.99	-1.85	-14.60	102.75	-1056.44	-61.99
96	30	32.72	1637.13	-2.72e-03	-3.68	0.0	17.07	1.83	-12.52	88.07	1637.13	-59.16
		-62.41	-905.62	0.75	0.0	101.6	19.09	-0.02	-12.52	88.07	365.76	32.72
						203.1	21.10	-1.86	-12.52	88.07	-905.62	-62.41
96	31	32.81	0.18	-2.39e-03	-3.68	0.0	-2.54	1.80	-0.01	0.02	0.18	-56.38
		-65.02	-2.11	-2.15e-04	0.0	101.6	-0.52	-0.04	-0.01	0.02	-0.96	32.81
						203.1	1.49	-1.88	-0.01	0.02	-2.11	-65.02
96	32	32.74	1637.13	-2.71e-03	-3.68	0.0	16.74	1.83	-12.52	88.08	1637.13	-59.12
		-62.42	-905.82	0.75	0.0	101.6	18.76	-0.02	-12.52	88.08	365.66	32.74
						203.1	20.78	-1.86	-12.52	88.08	-905.82	-62.42
97	3	287.19	0.38	-2.63e-03	-26.73	0.0	4.02	12.45	1.67e-03	0.58	-5.99e-05	-363.21
		-567.89	-5.99e-05	3.84e-05	0.0	112.5	4.02	-0.91	1.67e-03	0.58	0.19	286.14
						225.0	4.02	-14.27	1.67e-03	0.58	0.38	-567.89
97	5	220.42	0.28	-2.02e-03	-20.56	0.0	3.06	9.60	1.24e-03	0.42	-7.54e-05	-282.13
		-434.45	-7.54e-05	2.88e-05	0.0	112.5	3.06	-0.68	1.24e-03	0.42	0.14	219.94
						225.0	3.06	-10.96	1.24e-03	0.42	0.28	-434.45
97	11	326.43	0.31	7.12e-03	-26.73	0.0	7.05	10.50	-0.73	237.54	0.31	-136.72
		-780.88	-164.38	0.03	0.0	112.5	7.05	-2.86	-0.73	237.54	-82.04	292.89
						225.0	7.05	-16.23	-0.73	237.54	-164.38	-780.88
97	12	264.84	0.31	7.14e-03	-20.56	0.0	6.10	7.64	-0.73	237.39	0.31	-54.57
		-648.37	-164.47	0.03	0.0	112.5	6.10	-2.64	-0.73	237.39	-82.08	226.75
						225.0	6.10	-12.92	-0.73	237.39	-164.47	-648.37
97	15	220.42	0.28	-2.02e-03	-20.56	0.0	3.06	9.60	1.24e-03	0.42	-7.53e-05	-282.13
		-434.45	-7.53e-05	2.88e-05	0.0	112.5	3.06	-0.68	1.24e-03	0.42	0.14	219.94
						225.0	3.06	-10.96	1.24e-03	0.42	0.28	-434.45
97	17	220.85	0.29	-2.02e-03	-20.56	0.0	3.09	9.58	1.28e-03	0.44	-5.00e-05	-279.75
		-436.52	-5.00e-05	2.94e-05	0.0	112.5	3.09	-0.70	1.28e-03	0.44	0.14	220.09
						225.0	3.09	-10.98	1.28e-03	0.44	0.29	-436.52
97	19	244.17	0.20	4.74e-03	-20.56	0.0	5.08	8.29	-0.49	158.40	0.20	-130.42
		-577.07	-109.55	0.02	0.0	112.5	5.08	-1.99	-0.49	158.40	-54.68	224.48
						225.0	5.08	-12.26	-0.49	158.40	-109.55	-577.07
97	21	244.67	0.20	4.74e-03	-20.56	0.0	5.11	8.28	-0.49	158.42	0.20	-128.76
		-578.52	-109.55	0.02	0.0	112.5	5.11	-2.00	-0.49	158.42	-54.67	224.59
						225.0	5.11	-12.28	-0.49	158.42	-109.55	-578.52
97	22	220.42	0.28	-2.02e-03	-20.56	0.0	3.06	9.60	1.24e-03	0.42	-7.53e-05	-282.13
		-434.45	-7.53e-05	2.88e-05	0.0	112.5	3.06	-0.68	1.24e-03	0.42	0.14	219.94
						225.0	3.06	-10.96	1.24e-03	0.42	0.28	-434.45
97	24	220.64	0.28	-2.02e-03	-20.56	0.0	3.07	9.59	1.26e-03	0.43	-6.27e-05	-280.94
		-435.49	-6.27e-05	2.91e-05	0.0	112.5	3.07	-0.69	1.26e-03	0.43	0.14	220.01
						225.0	3.07	-10.97	1.26e-03	0.43	0.28	-435.49
97	26	236.48	0.14	3.30e-03	-20.56	0.0	4.48	8.69	-0.34	111.01	0.14	-175.93
		-534.28	-76.60	0.02	0.0	112.5	4.48	-1.59	-0.34	111.01	-38.23	223.12
						225.0	4.48	-11.87	-0.34	111.01	-76.60	-534.28
97	28	236.61	0.14	3.30e-03	-20.56	0.0	4.48	8.68	-0.34	111.01	0.14	-175.22
		-534.90	-76.60	0.02	0.0	112.5	4.48	-1.60	-0.34	111.01	-38.23	223.16
						225.0	4.48	-11.88	-0.34	111.01	-76.60	-534.90
97	29	220.42	0.28	-2.02e-03	-20.56	0.0	3.06	9.60	1.24e-03	0.42	-7.53e-05	-282.13
		-434.45	-7.53e-05	2.88e-05	0.0	112.5	3.06	-0.68	1.24e-03	0.42	0.14	219.94
						225.0	3.06	-10.96	1.24e-03	0.42	0.28	-434.45
97	30	234.19	0.12	2.82e-03	-20.56	0.0	4.27	8.82	-0.29	95.21	0.12	-191.10
		-520.02	-65.62	0.01	0.0	112.5	4.27	-1.46	-0.29	95.21	-32.75	222.66
						225.0	4.27	-11.74	-0.29	95.21	-65.62	-520.02
97	31	220.55	0.28	-2.02e-03	-20.56	0.0	3.06	9.60	1.25e-03	0.43	-6.77e-05	-281.41
		-435.07	-6.77e-05	2.90e-05	0.0	112.5	3.06	-0.68	1.25e-03	0.43	0.14	219.98
						225.0	3.06	-10.96	1.25e-03	0.43	0.28	-435.07
97	32	234.32	0.12	2.82e-03	-20.56	0.0	4.28	8.81	-0.29	95.22	0.12	-190.39
		-520.64	-65.62	0.01	0.0	112.5	4.28	-1.47	-0.29	95.22	-32.75	222.71
						225.0	4.28	-11.75	-0.29	95.22	-65.62	-520.64
98	5	33.49	-2.62	-3.08e-03	-3.68	0.0	12.02	1.74	0.04	0.40	-9.98	-49.92
		-70.13	-9.98	2.97e-03	0.0	101.6	10.01	-0.10	0.04	0.40	-6.30	33.49
						203.1	7.99	-1.94	0.04	0.40	-2.62	-70.13
98	9	59.55	-200.29	5.03e-03	-4.79	0.0	111.81	1.73	-2.65	9.82	-200.29	-3.79
		-138.81	-739.56	0.06	0.0	101.6	109.19	-0.66	-2.65	9.82	-469.92	50.27
						203.1	106.57	-3.06	-2.65	9.82	-739.56	-138.81
98	11	59.60	-201.99	4.71e-03	-4.79	0.0	115.94	1.73	-2.65	9.85	-201.99	-4.10
		-138.16	-741.08	0.06	0.0	101.6	113.32	-0.66	-2.65	9.85	-471.53	50.44
						203.1	110.69	-3.05	-2.65	9.85	-741.08	-138.16

98	15	33.30	-2.65	-3.08e-03	-3.68	0.0	12.42	1.74	0.04	0.40	-9.94	-49.49
		-70.94	-9.94	2.97e-03	0.0	101.6	10.40	-0.11	0.04	0.40	-6.30	33.30
						203.1	8.39	-1.95	0.04	0.40	-2.65	-70.94
98	19	43.74	-134.88	3.27e-03	-3.68	0.0	75.93	1.39	-1.76	6.60	-134.88	-9.41
		-101.45	-493.38	0.04	0.0	101.6	73.92	-0.45	-1.76	6.60	-314.13	38.08
						203.1	71.90	-2.29	-1.76	6.60	-493.38	-101.45
98	21	43.77	-136.01	3.05e-03	-3.68	0.0	78.68	1.39	-1.76	6.62	-136.01	-9.62
		-101.02	-494.39	0.04	0.0	101.6	76.67	-0.45	-1.76	6.62	-315.20	38.19
						203.1	74.65	-2.29	-1.76	6.62	-494.39	-101.02
98	22	33.30	-2.65	-3.08e-03	-3.68	0.0	12.42	1.74	0.04	0.40	-9.94	-49.49
		-70.94	-9.94	2.97e-03	0.0	101.6	10.40	-0.11	0.04	0.40	-6.30	33.30
						203.1	8.39	-1.95	0.04	0.40	-2.65	-70.94
98	26	39.66	-97.40	-2.39e-03	-3.68	0.0	56.88	1.49	-1.22	4.74	-97.40	-21.44
		-92.30	-346.16	0.03	0.0	101.6	54.86	-0.35	-1.22	4.74	-221.78	36.65
						203.1	52.85	-2.19	-1.22	4.74	-346.16	-92.30
98	28	39.67	-97.88	-2.43e-03	-3.68	0.0	58.06	1.49	-1.22	4.75	-97.88	-21.52
		-92.11	-346.59	0.03	0.0	101.6	56.04	-0.35	-1.22	4.75	-222.24	36.69
						203.1	54.02	-2.19	-1.22	4.75	-346.59	-92.11
98	29	33.30	-2.65	-3.08e-03	-3.68	0.0	12.42	1.74	0.04	0.40	-9.94	-49.49
		-70.94	-9.94	2.97e-03	0.0	101.6	10.40	-0.11	0.04	0.40	-6.30	33.30
						203.1	8.39	-1.95	0.04	0.40	-2.65	-70.94
98	30	38.69	-84.90	-2.45e-03	-3.68	0.0	50.53	1.53	-1.04	4.12	-84.90	-25.44
		-89.25	-297.08	0.03	0.0	101.6	48.51	-0.31	-1.04	4.12	-190.99	36.17
						203.1	46.49	-2.16	-1.04	4.12	-297.08	-89.25
98	32	38.73	-85.39	-2.49e-03	-3.68	0.0	51.71	1.53	-1.04	4.13	-85.39	-25.53
		-89.06	-297.52	0.03	0.0	101.6	49.69	-0.31	-1.04	4.13	-191.45	36.22
						203.1	47.67	-2.15	-1.04	4.13	-297.52	-89.06
99	1	254.57	-0.91	-2.22e-03	-26.73	0.0	-5.25	13.48	8.42e-04	-0.05	-1.10	-509.77
		-509.77	-1.10	-2.52e-04	0.0	112.5	-5.25	0.11	8.42e-04	-0.05	-1.01	254.57
						225.0	-5.25	-13.25	8.42e-04	-0.05	-0.91	-484.47
99	7	195.09	1.97	-2.06e-03	-20.56	0.0	-3.73	10.45	-1.41e-03	3.85	1.97	-402.24
		-402.24	1.65	4.48e-04	0.0	112.5	-3.73	0.17	-1.41e-03	3.85	1.81	195.09
						225.0	-3.73	-10.11	-1.41e-03	3.85	1.65	-364.03
99	9	278.04	507.58	-3.01e-03	-26.73	0.0	-7.03	13.79	1.75	-50.30	113.10	-522.05
		-522.05	113.10	-0.03	0.0	112.5	-7.03	0.43	1.75	-50.30	310.34	278.04
						225.0	-7.03	-12.93	1.75	-50.30	507.58	-425.25
99	11	277.53	509.23	-3.28e-03	-26.73	0.0	-6.81	13.85	1.75	-47.57	115.08	-529.13
		-529.13	115.08	-0.03	0.0	112.5	-6.81	0.49	1.75	-47.57	312.15	277.53
						225.0	-6.81	-12.87	1.75	-47.57	509.23	-419.20
99	14	218.78	509.43	-2.77e-03	-20.56	0.0	-5.60	10.74	1.75	-47.57	115.32	-411.49
		-411.49	115.32	-0.03	0.0	112.5	-5.60	0.46	1.75	-47.57	312.37	218.78
						225.0	-5.60	-9.82	1.75	-47.57	509.43	-307.40
99	15	195.83	-0.70	-1.70e-03	-20.56	0.0	-4.04	10.37	6.56e-04	-0.04	-0.85	-392.13
		-392.13	-0.85	-1.95e-04	0.0	112.5	-4.04	0.09	6.56e-04	-0.04	-0.78	195.83
						225.0	-4.04	-10.19	6.56e-04	-0.04	-0.70	-372.67
99	17	195.33	1.03	-1.93e-03	-20.56	0.0	-3.83	10.42	-7.32e-04	2.55	1.03	-398.87
		-398.87	0.87	2.35e-04	0.0	112.5	-3.83	0.14	-7.32e-04	2.55	0.95	195.33
						225.0	-3.83	-10.14	-7.32e-04	2.55	0.87	-366.91
99	19	211.47	338.29	-2.23e-03	-20.56	0.0	-5.22	10.58	1.17	-33.54	75.28	-400.32
		-400.32	75.28	-0.02	0.0	112.5	-5.22	0.30	1.17	-33.54	206.79	211.47
						225.0	-5.22	-9.98	1.17	-33.54	338.29	-333.19
99	21	211.13	339.39	-2.41e-03	-20.56	0.0	-5.08	10.62	1.17	-31.72	76.60	-405.04
		-405.04	76.60	-0.02	0.0	112.5	-5.08	0.34	1.17	-31.72	207.99	211.13
						225.0	-5.08	-9.94	1.17	-31.72	339.39	-329.16
99	22	195.83	-0.70	-1.70e-03	-20.56	0.0	-4.04	10.37	6.56e-04	-0.04	-0.85	-392.13
		-392.13	-0.85	-1.95e-04	0.0	112.5	-4.04	0.09	6.56e-04	-0.04	-0.78	195.83
						225.0	-4.04	-10.19	6.56e-04	-0.04	-0.70	-372.67
99	24	195.58	0.09	-1.82e-03	-20.56	0.0	-3.94	10.39	-3.80e-05	1.26	0.09	-395.50
		-395.50	0.08	2.00e-05	0.0	112.5	-3.94	0.11	-3.80e-05	1.26	0.09	195.58
						225.0	-3.94	-10.17	-3.80e-05	1.26	0.08	-369.79
99	25	204.97	203.48	-2.14e-03	-20.56	0.0	-4.65	10.52	0.70	-18.84	45.77	-400.41
		-400.41	45.77	-0.01	0.0	112.5	-4.65	0.24	0.70	-18.84	124.62	204.97
						225.0	-4.65	-10.04	0.70	-18.84	203.48	-346.10
99	26	206.78	236.59	-2.06e-03	-20.56	0.0	-4.87	10.51	0.82	-23.49	52.44	-397.86
		-397.86	52.44	-0.01	0.0	112.5	-4.87	0.23	0.82	-23.49	144.52	206.78
						225.0	-4.87	-10.04	0.82	-23.49	236.59	-345.03
99	28	206.63	237.06	-2.14e-03	-20.56	0.0	-4.81	10.53	0.82	-22.71	53.01	-399.88
		-399.88	53.01	-0.01	0.0	112.5	-4.81	0.25	0.82	-22.71	145.03	206.63
						225.0	-4.81	-10.03	0.82	-22.71	237.06	-343.30
99	29	195.83	-0.70	-1.70e-03	-20.56	0.0	-4.04	10.37	6.56e-04	-0.04	-0.85	-392.13
		-392.13	-0.85	-1.95e-04	0.0	112.5	-4.04	0.09	6.56e-04	-0.04	-0.78	195.83

						225.0	-4.04	-10.19	6.56e-04	-0.04	-0.70	-372.67
99	30	205.21	202.69	-2.01e-03	-20.56	0.0	-4.75	10.49	0.70	-20.14	44.83	-397.04
		-397.04	44.83	-0.01	0.0	112.5	-4.75	0.21	0.70	-20.14	123.76	205.21
						225.0	-4.75	-10.07	0.70	-20.14	202.69	-348.98
99	31	195.68	-0.23	-1.77e-03	-20.56	0.0	-3.98	10.38	2.39e-04	0.74	-0.29	-394.15
		-394.15	-0.29	-6.59e-05	0.0	112.5	-3.98	0.10	2.39e-04	0.74	-0.26	195.68
						225.0	-3.98	-10.18	2.39e-04	0.74	-0.23	-370.94
99	32	205.07	203.16	-2.08e-03	-20.56	0.0	-4.69	10.51	0.70	-19.36	45.39	-399.06
		-399.06	45.39	-0.01	0.0	112.5	-4.69	0.23	0.70	-19.36	124.28	205.07
						225.0	-4.69	-10.05	0.70	-19.36	203.16	-347.25
100	1	250.52	0.38	-2.24e-03	-26.73	0.0	0.86	13.42	3.07e-04	1.33	0.31	-507.81
		-507.81	0.31	1.20e-04	0.0	112.5	0.86	0.06	3.07e-04	1.33	0.35	250.52
						225.0	0.86	-13.30	3.07e-04	1.33	0.38	-494.53
100	3	250.53	0.36	-2.24e-03	-26.73	0.0	0.97	13.40	4.09e-05	1.39	0.35	-504.88
		-504.88	0.35	1.26e-04	0.0	112.5	0.97	0.03	4.09e-05	1.39	0.35	250.53
						225.0	0.97	-13.33	4.09e-05	1.39	0.36	-497.44
100	5	192.71	0.29	-1.72e-03	-20.56	0.0	0.66	10.32	2.38e-04	1.03	0.24	-390.62
		-390.62	0.24	9.23e-05	0.0	112.5	0.66	0.05	2.38e-04	1.03	0.27	192.71
						225.0	0.66	-10.23	2.38e-04	1.03	0.29	-380.41
100	9	245.27	-163.09	-3.70e-03	-26.73	0.0	4.48	14.41	0.18	-84.64	-202.89	-626.64
		-626.64	-202.89	-0.01	0.0	112.5	4.48	1.04	0.18	-84.64	-182.99	242.36
						225.0	4.48	-12.32	0.18	-84.64	-163.09	-392.04
100	11	245.02	-163.11	-3.70e-03	-26.73	0.0	4.56	14.39	0.18	-84.61	-202.87	-624.59
		-624.59	-202.87	-0.01	0.0	112.5	4.56	1.02	0.18	-84.61	-182.99	242.36
						225.0	4.56	-12.34	0.18	-84.61	-163.11	-394.08
100	12	189.98	-163.18	-3.26e-03	-20.56	0.0	4.28	11.31	0.18	-84.95	-202.96	-509.45
		-509.45	-202.96	-0.01	0.0	112.5	4.28	1.03	0.18	-84.95	-183.07	184.54
						225.0	4.28	-9.25	0.18	-84.95	-163.18	-277.92
100	15	192.71	0.29	-1.72e-03	-20.56	0.0	0.66	10.32	2.37e-04	1.03	0.24	-390.62
		-390.62	0.24	9.23e-05	0.0	112.5	0.66	0.05	2.37e-04	1.03	0.27	192.71
						225.0	0.66	-10.23	2.37e-04	1.03	0.29	-380.41
100	17	192.72	0.28	-1.72e-03	-20.56	0.0	0.74	10.31	5.92e-05	1.06	0.26	-388.67
		-388.67	0.26	9.61e-05	0.0	112.5	0.74	0.03	5.92e-05	1.06	0.27	192.72
						225.0	0.74	-10.25	5.92e-05	1.06	0.28	-382.35
100	19	188.09	-108.69	-2.68e-03	-20.56	0.0	3.08	10.98	0.12	-56.29	-135.23	-469.84
		-469.84	-135.23	-7.43e-03	0.0	112.5	3.08	0.70	0.12	-56.29	-121.96	187.27
						225.0	3.08	-9.58	0.12	-56.29	-108.69	-312.08
100	21	187.92	-108.70	-2.68e-03	-20.56	0.0	3.13	10.97	0.12	-56.27	-135.21	-468.47
		-468.47	-135.21	-7.43e-03	0.0	112.5	3.13	0.69	0.12	-56.27	-121.96	187.27
						225.0	3.13	-9.59	0.12	-56.27	-108.70	-313.44
100	22	192.71	0.29	-1.72e-03	-20.56	0.0	0.66	10.32	2.37e-04	1.03	0.24	-390.62
		-390.62	0.24	9.23e-05	0.0	112.5	0.66	0.05	2.37e-04	1.03	0.27	192.71
						225.0	0.66	-10.23	2.37e-04	1.03	0.29	-380.41
100	24	192.71	0.28	-1.72e-03	-20.56	0.0	0.70	10.32	1.48e-04	1.04	0.25	-389.65
		-389.65	0.25	9.42e-05	0.0	112.5	0.70	0.04	1.48e-04	1.04	0.27	192.71
						225.0	0.70	-10.24	1.48e-04	1.04	0.28	-381.38
100	26	188.90	-75.99	-2.36e-03	-20.56	0.0	2.35	10.78	0.08	-39.10	-94.59	-446.07
		-446.07	-94.59	-5.17e-03	0.0	112.5	2.35	0.50	0.08	-39.10	-85.29	188.90
						225.0	2.35	-9.78	0.08	-39.10	-75.99	-332.58
100	28	188.90	-76.00	-2.36e-03	-20.56	0.0	2.37	10.78	0.08	-39.09	-94.58	-445.49
		-445.49	-94.58	-5.17e-03	0.0	112.5	2.37	0.50	0.08	-39.09	-85.29	188.90
						225.0	2.37	-9.78	0.08	-39.09	-76.00	-333.16
100	29	192.71	0.29	-1.72e-03	-20.56	0.0	0.66	10.32	2.37e-04	1.03	0.24	-390.62
		-390.62	0.24	9.23e-05	0.0	112.5	0.66	0.05	2.37e-04	1.03	0.27	192.71
						225.0	0.66	-10.23	2.37e-04	1.03	0.29	-380.41
100	30	189.44	-65.10	-2.26e-03	-20.56	0.0	2.11	10.72	0.07	-33.36	-81.04	-438.15
		-438.15	-81.04	-4.42e-03	0.0	112.5	2.11	0.44	0.07	-33.36	-73.07	189.44
						225.0	2.11	-9.84	0.07	-33.36	-65.10	-339.41
100	31	192.71	0.29	-1.72e-03	-20.56	0.0	0.68	10.32	1.84e-04	1.04	0.25	-390.04
		-390.04	0.25	9.34e-05	0.0	112.5	0.68	0.04	1.84e-04	1.04	0.27	192.71
						225.0	0.68	-10.24	1.84e-04	1.04	0.29	-380.99
100	32	189.45	-65.10	-2.26e-03	-20.56	0.0	2.13	10.71	0.07	-33.35	-81.03	-437.57
		-437.57	-81.03	-4.42e-03	0.0	112.5	2.13	0.43	0.07	-33.35	-73.07	189.45
						225.0	2.13	-9.85	0.07	-33.35	-65.10	-339.99
101	1	239.26	0.58	-1.86e-03	-26.73	0.0	-5.73	13.44	2.12e-04	0.89	0.54	-521.00
		-521.00	0.54	1.31e-04	0.0	112.5	-5.73	0.08	2.12e-04	0.89	0.56	239.26
						225.0	-5.73	-13.29	2.12e-04	0.89	0.58	-503.86
101	3	239.24	0.60	-1.86e-03	-26.73	0.0	-5.58	13.43	1.99e-04	0.94	0.56	-519.63
		-519.63	0.56	1.36e-04	0.0	112.5	-5.58	0.06	1.99e-04	0.94	0.58	239.24
						225.0	-5.58	-13.30	1.99e-04	0.94	0.60	-505.28
101	11	208.99	-216.90	2.06e-03	-26.73	0.0	1.52	13.34	-0.43	94.72	-216.90	-539.60

		-545.81	-313.76	0.02	0.0	112.5	1.52	-0.03	-0.43	94.72	-265.33	208.99
						225.0	1.52	-13.39	-0.43	94.72	-313.76	-545.81
101	12	153.79	-217.04	2.08e-03	-20.56	0.0	2.74	10.24	-0.43	94.48	-217.04	-420.34
		-428.54	-313.91	0.02	0.0	112.5	2.74	-0.04	-0.43	94.48	-265.47	153.79
						225.0	2.74	-10.32	-0.43	94.48	-313.91	-428.54
101	14	153.77	-217.02	2.08e-03	-20.56	0.0	2.84	10.23	-0.43	94.51	-217.02	-419.37
		-429.54	-313.90	0.02	0.0	112.5	2.84	-0.05	-0.43	94.51	-265.46	153.77
						225.0	2.84	-10.32	-0.43	94.51	-313.90	-429.54
101	15	184.05	0.45	-1.43e-03	-20.56	0.0	-4.40	10.34	1.63e-04	0.69	0.41	-400.77
		-400.77	0.41	1.01e-04	0.0	112.5	-4.40	0.06	1.63e-04	0.69	0.43	184.05
						225.0	-4.40	-10.22	1.63e-04	0.69	0.45	-387.58
101	17	184.03	0.46	-1.43e-03	-20.56	0.0	-4.31	10.33	1.55e-04	0.72	0.43	-399.85
		-399.85	0.43	1.04e-04	0.0	112.5	-4.31	0.05	1.55e-04	0.72	0.44	184.03
						225.0	-4.31	-10.23	1.55e-04	0.72	0.46	-388.53
101	19	163.87	-144.55	1.37e-03	-20.56	0.0	0.36	10.27	-0.29	63.22	-144.55	-413.82
		-414.89	-209.12	0.01	0.0	112.5	0.36	-4.76e-03	-0.29	63.22	-176.84	163.87
						225.0	0.36	-10.28	-0.29	63.22	-209.12	-414.89
101	21	163.86	-144.54	1.37e-03	-20.56	0.0	0.43	10.27	-0.29	63.24	-144.54	-413.17
		-415.55	-209.12	0.01	0.0	112.5	0.43	-0.01	-0.29	63.24	-176.83	163.86
						225.0	0.43	-10.29	-0.29	63.24	-209.12	-415.55
101	22	184.05	0.45	-1.43e-03	-20.56	0.0	-4.40	10.34	1.63e-04	0.69	0.41	-400.77
		-400.77	0.41	1.01e-04	0.0	112.5	-4.40	0.06	1.63e-04	0.69	0.43	184.05
						225.0	-4.40	-10.22	1.63e-04	0.69	0.45	-387.58
101	24	184.04	0.46	-1.43e-03	-20.56	0.0	-4.36	10.33	1.59e-04	0.70	0.42	-400.31
		-400.31	0.42	1.02e-04	0.0	112.5	-4.36	0.05	1.59e-04	0.70	0.44	184.04
						225.0	-4.36	-10.23	1.59e-04	0.70	0.46	-388.06
101	26	169.93	-101.06	9.37e-04	-20.56	0.0	-1.07	10.29	-0.20	44.46	-101.06	-409.90
		-409.90	-146.25	9.35e-03	0.0	112.5	-1.07	0.01	-0.20	44.46	-123.66	169.93
						225.0	-1.07	-10.27	-0.20	44.46	-146.25	-406.70
101	28	169.92	-101.06	9.37e-04	-20.56	0.0	-1.04	10.29	-0.20	44.47	-101.06	-409.63
		-409.63	-146.25	9.35e-03	0.0	112.5	-1.04	0.01	-0.20	44.47	-123.65	169.92
						225.0	-1.04	-10.27	-0.20	44.47	-146.25	-406.98
101	29	184.05	0.45	-1.43e-03	-20.56	0.0	-4.40	10.34	1.63e-04	0.69	0.41	-400.77
		-400.77	0.41	1.01e-04	0.0	112.5	-4.40	0.06	1.63e-04	0.69	0.43	184.05
						225.0	-4.40	-10.22	1.63e-04	0.69	0.45	-387.58
101	30	171.94	-86.57	-8.05e-04	-20.56	0.0	-1.55	10.30	-0.17	38.21	-86.57	-408.60
		-408.60	-125.29	8.03e-03	0.0	112.5	-1.55	0.02	-0.17	38.21	-105.93	171.94
						225.0	-1.55	-10.26	-0.17	38.21	-125.29	-403.97
101	31	184.04	0.45	-1.43e-03	-20.56	0.0	-4.38	10.34	1.61e-04	0.70	0.42	-400.50
		-400.50	0.42	1.02e-04	0.0	112.5	-4.38	0.06	1.61e-04	0.70	0.44	184.04
						225.0	-4.38	-10.22	1.61e-04	0.70	0.45	-387.87
101	32	171.94	-86.56	-8.05e-04	-20.56	0.0	-1.52	10.30	-0.17	38.21	-86.56	-408.32
		-408.32	-125.29	8.03e-03	0.0	112.5	-1.52	0.02	-0.17	38.21	-105.93	171.94
						225.0	-1.52	-10.26	-0.17	38.21	-125.29	-404.25
102	5	193.69	0.87	-1.39e-03	-20.56	0.0	-4.34	10.25	7.04e-03	-0.62	-0.71	-381.08
		-388.00	-0.71	-2.58e-04	0.0	112.5	-4.34	-0.03	7.04e-03	-0.62	0.08	193.69
						225.0	-4.34	-10.31	7.04e-03	-0.62	0.87	-388.00
102	9	261.71	507.65	4.25e-03	-26.73	0.0	-6.79	12.68	-3.02	64.25	507.65	-413.47
		-566.49	-171.01	0.01	0.0	112.5	-6.79	-0.68	-3.02	64.25	168.32	261.71
						225.0	-6.79	-14.04	-3.02	64.25	-171.01	-566.49
102	11	262.66	509.31	3.82e-03	-26.73	0.0	-6.87	12.73	-3.04	67.45	509.31	-417.51
		-560.56	-174.11	0.01	0.0	112.5	-6.87	-0.64	-3.04	67.45	167.60	262.66
						225.0	-6.87	-14.00	-3.04	67.45	-174.11	-560.56
102	14	204.55	509.51	3.73e-03	-20.56	0.0	-5.57	9.65	-3.04	67.63	509.51	-303.18
		-444.17	-174.35	0.01	0.0	112.5	-5.57	-0.63	-3.04	67.63	167.58	204.55
						225.0	-5.57	-10.91	-3.04	67.63	-174.35	-444.17
102	15	193.69	0.86	-1.39e-03	-20.56	0.0	-4.34	10.25	6.96e-03	-0.62	-0.71	-381.09
		-387.99	-0.71	-2.56e-04	0.0	112.5	-4.34	-0.03	6.96e-03	-0.62	0.08	193.69
						225.0	-4.34	-10.31	6.96e-03	-0.62	0.86	-387.99
102	19	200.30	338.33	2.88e-03	-20.56	0.0	-5.10	9.82	-2.01	42.75	338.33	-326.46
		-429.40	-113.89	7.91e-03	0.0	112.5	-5.10	-0.46	-2.01	42.75	112.22	200.30
						225.0	-5.10	-10.74	-2.01	42.75	-113.89	-429.40
102	21	200.93	339.44	2.59e-03	-20.56	0.0	-5.16	9.85	-2.02	44.88	339.44	-329.15
		-425.44	-115.95	8.30e-03	0.0	112.5	-5.16	-0.43	-2.02	44.88	111.74	200.93
						225.0	-5.16	-10.71	-2.02	44.88	-115.95	-425.44
102	22	193.69	0.86	-1.39e-03	-20.56	0.0	-4.34	10.25	6.96e-03	-0.62	-0.71	-381.09
		-387.99	-0.71	-2.56e-04	0.0	112.5	-4.34	-0.03	6.96e-03	-0.62	0.08	193.69
						225.0	-4.34	-10.31	6.96e-03	-0.62	0.86	-387.99
102	26	198.32	236.62	2.11e-03	-20.56	0.0	-4.87	9.95	-1.40	29.74	236.62	-342.85
		-416.98	-79.46	5.46e-03	0.0	112.5	-4.87	-0.33	-1.40	29.74	78.58	198.32
						225.0	-4.87	-10.61	-1.40	29.74	-79.46	-416.98

102	28	198.59	237.10	1.99e-03	-20.56	0.0	-4.90	9.96	-1.41	30.65	237.10	-344.00
		-415.28	-80.35	5.63e-03	0.0	112.5	-4.90	-0.32	-1.41	30.65	78.37	198.59
						225.0	-4.90	-10.60	-1.41	30.65	-80.35	-415.28
102	29	193.69	0.86	-1.39e-03	-20.56	0.0	-4.34	10.25	6.96e-03	-0.62	-0.71	-381.09
		-387.99	-0.71	-2.56e-04	0.0	112.5	-4.34	-0.03	6.96e-03	-0.62	0.08	193.69
						225.0	-4.34	-10.31	6.96e-03	-0.62	0.86	-387.99
102	30	197.65	202.72	1.86e-03	-20.56	0.0	-4.80	9.99	-1.20	25.40	202.72	-348.31
		-412.84	-67.99	4.65e-03	0.0	112.5	-4.80	-0.29	-1.20	25.40	67.37	197.65
						225.0	-4.80	-10.57	-1.20	25.40	-67.99	-412.84
102	32	197.92	203.19	1.74e-03	-20.56	0.0	-4.82	10.01	-1.21	26.32	203.19	-349.46
		-411.14	-68.87	4.81e-03	0.0	112.5	-4.82	-0.27	-1.21	26.32	67.16	197.92
						225.0	-4.82	-10.55	-1.21	26.32	-68.87	-411.14
103	1	251.50	0.59	-2.26e-03	-26.73	0.0	-5.37	13.32	-1.44e-03	1.28	0.59	-495.66
		-504.74	0.26	2.00e-04	0.0	112.5	-5.37	-0.04	-1.44e-03	1.28	0.43	251.50
						225.0	-5.37	-13.40	-1.44e-03	1.28	0.26	-504.74
103	3	251.52	0.61	-2.26e-03	-26.73	0.0	-5.13	13.31	-1.11e-03	1.35	0.61	-494.14
		-506.21	0.36	2.09e-04	0.0	112.5	-5.13	-0.05	-1.11e-03	1.35	0.48	251.52
						225.0	-5.13	-13.42	-1.11e-03	1.35	0.36	-506.21
103	9	235.53	-159.06	-3.52e-03	-26.73	0.0	0.52	13.91	0.69	-68.45	-313.78	-577.79
		-577.79	-313.78	-0.02	0.0	112.5	0.52	0.55	0.69	-68.45	-236.42	235.53
						225.0	0.52	-12.82	0.69	-68.45	-159.06	-454.54
103	12	177.49	-159.12	-3.06e-03	-20.56	0.0	1.76	10.84	0.69	-68.75	-313.91	-463.41
		-463.41	-313.91	-0.02	0.0	112.5	1.76	0.56	0.69	-68.75	-236.52	177.49
						225.0	1.76	-9.72	0.69	-68.75	-159.12	-338.06
103	14	177.51	-159.06	-3.06e-03	-20.56	0.0	1.93	10.83	0.69	-68.70	-313.90	-462.35
		-462.35	-313.90	-0.02	0.0	112.5	1.93	0.55	0.69	-68.70	-236.48	177.51
						225.0	1.93	-9.73	0.69	-68.70	-159.06	-339.09
103	15	193.46	0.45	-1.74e-03	-20.56	0.0	-4.13	10.25	-1.11e-03	0.98	0.45	-381.28
		-388.26	0.20	1.54e-04	0.0	112.5	-4.13	-0.03	-1.11e-03	0.98	0.33	193.46
						225.0	-4.13	-10.31	-1.11e-03	0.98	0.20	-388.26
103	17	193.47	0.46	-1.74e-03	-20.56	0.0	-3.97	10.24	-8.90e-04	1.03	0.46	-380.26
		-389.24	0.26	1.60e-04	0.0	112.5	-3.97	-0.04	-8.90e-04	1.03	0.36	193.47
						225.0	-3.97	-10.32	-8.90e-04	1.03	0.26	-389.24
103	19	182.81	-106.02	-2.56e-03	-20.56	0.0	-0.20	10.64	0.46	-45.50	-209.12	-436.03
		-436.03	-209.12	-0.01	0.0	112.5	-0.20	0.36	0.46	-45.50	-157.57	182.81
						225.0	-0.20	-9.92	0.46	-45.50	-106.02	-354.79
103	21	182.82	-105.97	-2.56e-03	-20.56	0.0	-0.09	10.63	0.46	-45.47	-209.11	-435.32
		-435.32	-209.11	-0.01	0.0	112.5	-0.09	0.35	0.46	-45.47	-157.54	182.82
						225.0	-0.09	-9.92	0.46	-45.47	-105.97	-355.48
103	22	193.46	0.45	-1.74e-03	-20.56	0.0	-4.13	10.25	-1.11e-03	0.98	0.45	-381.28
		-388.26	0.20	1.54e-04	0.0	112.5	-4.13	-0.03	-1.11e-03	0.98	0.33	193.46
						225.0	-4.13	-10.31	-1.11e-03	0.98	0.20	-388.26
103	24	193.47	0.46	-1.74e-03	-20.56	0.0	-4.05	10.24	-1.00e-03	1.00	0.46	-380.77
		-388.75	0.23	1.57e-04	0.0	112.5	-4.05	-0.04	-1.00e-03	1.00	0.35	193.47
						225.0	-4.05	-10.32	-1.00e-03	1.00	0.23	-388.75
103	26	186.01	-74.15	-2.29e-03	-20.56	0.0	-1.38	10.52	0.32	-31.56	-146.25	-419.61
		-419.61	-146.25	-7.37e-03	0.0	112.5	-1.38	0.24	0.32	-31.56	-110.20	186.01
						225.0	-1.38	-10.04	0.32	-31.56	-74.15	-364.83
103	28	186.01	-74.13	-2.29e-03	-20.56	0.0	-1.33	10.52	0.32	-31.54	-146.25	-419.30
		-419.30	-146.25	-7.37e-03	0.0	112.5	-1.33	0.24	0.32	-31.54	-110.19	186.01
						225.0	-1.33	-10.04	0.32	-31.54	-74.13	-365.13
103	29	193.46	0.45	-1.74e-03	-20.56	0.0	-4.13	10.25	-1.11e-03	0.98	0.45	-381.28
		-388.26	0.20	1.54e-04	0.0	112.5	-4.13	-0.03	-1.11e-03	0.98	0.33	193.46
						225.0	-4.13	-10.31	-1.11e-03	0.98	0.20	-388.26
103	30	187.07	-63.53	-2.21e-03	-20.56	0.0	-1.77	10.48	0.27	-26.91	-125.29	-414.13
		-414.13	-125.29	-6.29e-03	0.0	112.5	-1.77	0.20	0.27	-26.91	-94.41	187.07
						225.0	-1.77	-10.08	0.27	-26.91	-63.53	-368.18
103	31	193.46	0.46	-1.74e-03	-20.56	0.0	-4.08	10.25	-1.04e-03	1.00	0.46	-380.97
		-388.55	0.22	1.56e-04	0.0	112.5	-4.08	-0.03	-1.04e-03	1.00	0.34	193.46
						225.0	-4.08	-10.31	-1.04e-03	1.00	0.22	-388.55
103	32	187.08	-63.51	-2.21e-03	-20.56	0.0	-1.73	10.48	0.27	-26.90	-125.29	-413.83
		-413.83	-125.29	-6.29e-03	0.0	112.5	-1.73	0.20	0.27	-26.90	-94.40	187.08
						225.0	-1.73	-10.08	0.27	-26.90	-63.51	-368.47
104	1	257.66	1.10	-1.96e-03	-27.32	0.0	-6.24	13.59	-1.55e-04	-1.12	1.10	-520.24
		-535.40	1.07	-2.34e-04	0.0	115.0	-6.24	-0.07	-1.55e-04	-1.12	1.09	257.66
						230.0	-6.24	-13.73	-1.55e-04	-1.12	1.07	-535.40
104	3	259.90	-3.32	-2.12e-03	-27.32	0.0	-6.58	13.60	-1.19e-03	1.32	-3.32	-519.12
		-532.03	-3.59	1.54e-04	0.0	115.0	-6.58	-0.06	-1.19e-03	1.32	-3.45	259.90
						230.0	-6.58	-13.72	-1.19e-03	1.32	-3.59	-532.03
104	9	242.71	-170.80	2.87e-03	-27.32	0.0	-5.10	13.35	-0.75	38.32	-170.80	-507.14
		-578.39	-342.68	4.52e-03	0.0	115.0	-5.10	-0.31	-0.75	38.32	-256.74	242.71

						230.0	-5.10	-13.97	-0.75	38.32	-342.68	-578.39
104	12	183.25	-171.04	2.80e-03	-21.02	0.0	-3.66	10.21	-0.75	38.57	-171.04	-387.09
		-454.83	-342.90	4.56e-03	0.0	115.0	-3.66	-0.29	-0.75	38.57	-256.97	183.25
						230.0	-3.66	-10.80	-0.75	38.57	-342.90	-454.83
104	14	184.82	-174.13	2.64e-03	-21.02	0.0	-3.90	10.22	-0.75	40.28	-174.13	-386.31
		-452.47	-346.16	4.76e-03	0.0	115.0	-3.90	-0.29	-0.75	40.28	-260.15	184.82
						230.0	-3.90	-10.80	-0.75	40.28	-346.16	-452.47
104	15	198.20	0.86	-1.51e-03	-21.02	0.0	-4.80	10.46	-1.16e-04	-0.86	0.86	-400.18
		-411.85	0.83	-1.81e-04	0.0	115.0	-4.80	-0.05	-1.16e-04	-0.86	0.85	198.20
						230.0	-4.80	-10.56	-1.16e-04	-0.86	0.83	-411.85
104	17	199.69	-2.09	-1.61e-03	-21.02	0.0	-5.03	10.46	-8.06e-04	0.76	-2.09	-399.44
		-409.60	-2.27	8.23e-05	0.0	115.0	-5.03	-0.04	-8.06e-04	0.76	-2.18	199.69
						230.0	-5.03	-10.55	-8.06e-04	0.76	-2.27	-409.60
104	19	188.23	-113.75	1.95e-03	-21.02	0.0	-4.04	10.29	-0.50	25.43	-113.75	-391.45
		-440.50	-228.33	3.00e-03	0.0	115.0	-4.04	-0.21	-0.50	25.43	-171.04	188.23
						230.0	-4.04	-10.72	-0.50	25.43	-228.33	-440.50
104	21	189.28	-115.81	1.84e-03	-21.02	0.0	-4.20	10.30	-0.50	26.57	-115.81	-390.93
		-438.93	-230.51	3.13e-03	0.0	115.0	-4.20	-0.21	-0.50	26.57	-173.16	189.28
						230.0	-4.20	-10.72	-0.50	26.57	-230.51	-438.93
104	22	198.20	0.86	-1.51e-03	-21.02	0.0	-4.80	10.46	-1.16e-04	-0.86	0.86	-400.18
		-411.85	0.83	-1.81e-04	0.0	115.0	-4.80	-0.05	-1.16e-04	-0.86	0.85	198.20
						230.0	-4.80	-10.56	-1.16e-04	-0.86	0.83	-411.85
104	24	198.94	-0.61	-1.56e-03	-21.02	0.0	-4.91	10.46	-4.61e-04	-0.05	-0.61	-399.81
		-410.72	-0.72	-5.44e-05	0.0	115.0	-4.91	-0.05	-4.61e-04	-0.05	-0.67	198.94
						230.0	-4.91	-10.56	-4.61e-04	-0.05	-0.72	-410.72
104	26	191.22	-79.36	1.43e-03	-21.02	0.0	-4.27	10.34	-0.35	17.54	-79.36	-394.07
		-431.91	-159.58	2.07e-03	0.0	115.0	-4.27	-0.16	-0.35	17.54	-119.47	191.22
						230.0	-4.27	-10.67	-0.35	17.54	-159.58	-431.91
104	28	191.67	-80.25	1.39e-03	-21.02	0.0	-4.33	10.35	-0.35	18.03	-80.25	-393.85
		-431.23	-160.52	2.12e-03	0.0	115.0	-4.33	-0.16	-0.35	18.03	-120.38	191.67
						230.0	-4.33	-10.67	-0.35	18.03	-160.52	-431.23
104	29	198.20	0.86	-1.51e-03	-21.02	0.0	-4.80	10.46	-1.16e-04	-0.86	0.86	-400.18
		-411.85	0.83	-1.81e-04	0.0	115.0	-4.80	-0.05	-1.16e-04	-0.86	0.85	198.20
						230.0	-4.80	-10.56	-1.16e-04	-0.86	0.83	-411.85
104	30	192.22	-67.90	1.26e-03	-21.02	0.0	-4.34	10.36	-0.30	14.91	-67.90	-394.94
		-429.04	-136.67	1.76e-03	0.0	115.0	-4.34	-0.15	-0.30	14.91	-102.29	192.22
						230.0	-4.34	-10.66	-0.30	14.91	-136.67	-429.04
104	31	198.64	-0.03	-1.54e-03	-21.02	0.0	-4.87	10.46	-3.23e-04	-0.38	-0.03	-399.96
		-411.17	-0.10	-1.05e-04	0.0	115.0	-4.87	-0.05	-3.23e-04	-0.38	-0.06	198.64
						230.0	-4.87	-10.56	-3.23e-04	-0.38	-0.10	-411.17
104	32	192.67	-68.79	1.21e-03	-21.02	0.0	-4.41	10.36	-0.30	15.40	-68.79	-394.72
		-428.37	-137.60	1.81e-03	0.0	115.0	-4.41	-0.15	-0.30	15.40	-103.19	192.67
						230.0	-4.41	-10.65	-0.30	15.40	-137.60	-428.37
105	1	253.81	0.27	-2.26e-03	-26.73	0.0	-5.26	13.41	-0.01	0.93	0.27	-502.95
		-502.95	-2.37	1.84e-04	0.0	112.5	-5.26	0.04	-0.01	0.93	-1.05	253.81
						225.0	-5.26	-13.32	-0.01	0.93	-2.37	-492.83
105	9	271.35	725.35	-4.32e-03	-26.73	0.0	-3.02	14.20	3.93	-38.65	-159.34	-574.02
		-574.02	-159.34	-0.02	0.0	112.5	-3.02	0.83	3.93	-38.65	283.00	271.35
						225.0	-3.02	-12.53	3.93	-38.65	725.35	-386.67
105	11	271.40	726.07	-4.32e-03	-26.73	0.0	-2.78	14.19	3.93	-38.40	-159.28	-572.76
		-572.76	-159.28	-0.02	0.0	112.5	-2.78	0.82	3.93	-38.40	283.40	271.40
						225.0	-2.78	-12.54	3.93	-38.40	726.07	-387.82
105	12	215.30	725.89	-3.85e-03	-20.56	0.0	-1.80	11.10	3.93	-38.86	-159.40	-457.96
		-457.96	-159.40	-0.02	0.0	112.5	-1.80	0.82	3.93	-38.86	283.24	212.78
						225.0	-1.80	-9.46	3.93	-38.86	725.89	-272.94
105	14	215.21	726.62	-3.84e-03	-20.56	0.0	-1.57	11.09	3.94	-38.61	-159.34	-456.70
		-456.70	-159.34	-0.02	0.0	112.5	-1.57	0.81	3.94	-38.61	283.64	212.83
						225.0	-1.57	-9.47	3.94	-38.61	726.62	-274.09
105	15	195.24	0.20	-1.74e-03	-20.56	0.0	-4.05	10.31	-9.00e-03	0.71	0.20	-386.88
		-386.88	-1.82	1.42e-04	0.0	112.5	-4.05	0.03	-9.00e-03	0.71	-0.81	195.24
						225.0	-4.05	-10.24	-9.00e-03	0.71	-1.82	-379.10
105	19	206.93	483.32	-3.09e-03	-20.56	0.0	-2.55	10.84	2.62	-25.67	-106.20	-434.27
		-434.27	-106.20	-0.01	0.0	112.5	-2.55	0.56	2.62	-25.67	188.56	206.93
						225.0	-2.55	-9.72	2.62	-25.67	483.32	-308.33
105	21	206.97	483.80	-3.09e-03	-20.56	0.0	-2.39	10.83	2.62	-25.50	-106.16	-433.43
		-433.43	-106.16	-0.01	0.0	112.5	-2.39	0.55	2.62	-25.50	188.82	206.97
						225.0	-2.39	-9.73	2.62	-25.50	483.80	-309.09
105	22	195.24	0.20	-1.74e-03	-20.56	0.0	-4.05	10.31	-9.00e-03	0.71	0.20	-386.88
		-386.88	-1.82	1.42e-04	0.0	112.5	-4.05	0.03	-9.00e-03	0.71	-0.81	195.24
						225.0	-4.05	-10.24	-9.00e-03	0.71	-1.82	-379.10
105	26	203.42	337.78	-2.66e-03	-20.56	0.0	-3.00	10.68	1.83	-17.76	-74.28	-420.05

		-420.05	-74.28	-9.82e-03	0.0	112.5	-3.00	0.40	1.83	-17.76	131.75	203.42
						225.0	-3.00	-9.88	1.83	-17.76	337.78	-329.56
105	28	203.44	337.99	-2.66e-03	-20.56	0.0	-2.93	10.68	1.83	-17.68	-74.26	-419.69
		-419.69	-74.26	-9.81e-03	0.0	112.5	-2.93	0.40	1.83	-17.68	131.86	203.44
						225.0	-2.93	-9.88	1.83	-17.68	337.99	-329.89
105	29	195.24	0.20	-1.74e-03	-20.56	0.0	-4.05	10.31	-9.00e-03	0.71	0.20	-386.88
		-386.88	-1.82	1.42e-04	0.0	112.5	-4.05	0.03	-9.00e-03	0.71	-0.81	195.24
						225.0	-4.05	-10.24	-9.00e-03	0.71	-1.82	-379.10
105	30	202.25	289.26	-2.52e-03	-20.56	0.0	-3.15	10.63	1.57	-15.12	-63.64	-415.31
		-415.31	-63.64	-8.40e-03	0.0	112.5	-3.15	0.35	1.57	-15.12	112.81	202.25
						225.0	-3.15	-9.93	1.57	-15.12	289.26	-336.63
105	32	202.27	289.47	-2.52e-03	-20.56	0.0	-3.08	10.63	1.57	-15.04	-63.62	-414.95
		-414.95	-63.62	-8.39e-03	0.0	112.5	-3.08	0.35	1.57	-15.04	112.93	202.27
						225.0	-3.08	-9.93	1.57	-15.04	289.47	-336.96
106	1	310.53	1.07	-2.65e-03	-26.13	0.0	-7.58	14.54	-4.83e-03	-1.03	1.07	-579.63
		-579.63	2.53e-03	-1.08e-04	0.0	110.0	-7.58	1.48	-4.83e-03	-1.03	0.53	301.46
						220.0	-7.58	-11.59	-4.83e-03	-1.03	2.53e-03	-254.77
106	3	310.24	4.53e-03	-2.57e-03	-26.13	0.0	-7.77	14.47	0.02	-1.09	-3.59	-571.31
		-571.31	-3.59	-2.43e-04	0.0	110.0	-7.77	1.41	0.02	-1.09	-1.79	302.12
						220.0	-7.77	-11.66	0.02	-1.09	4.53e-03	-261.76
106	9	308.66	0.13	-2.85e-03	-26.13	0.0	-6.68	14.94	1.56	-27.10	-342.70	-630.15
		-630.15	-342.70	-0.03	0.0	110.0	-6.68	1.87	1.56	-27.10	-171.28	294.18
						220.0	-6.68	-11.20	1.56	-27.10	0.13	-218.80
106	12	237.00	0.13	-2.24e-03	-20.10	0.0	-4.93	11.58	1.56	-26.87	-342.92	-496.40
		-496.40	-342.92	-0.03	0.0	110.0	-4.93	1.53	1.56	-26.87	-171.40	224.61
						220.0	-4.93	-8.52	1.56	-26.87	0.13	-160.01
106	14	236.79	0.13	-2.18e-03	-20.10	0.0	-5.07	11.53	1.57	-26.91	-346.18	-490.57
		-490.57	-346.18	-0.03	0.0	110.0	-5.07	1.48	1.57	-26.91	-173.02	225.08
						220.0	-5.07	-8.57	1.57	-26.91	0.13	-164.90
106	15	238.87	0.83	-2.04e-03	-20.10	0.0	-5.83	11.19	-3.76e-03	-0.79	0.83	-445.87
		-445.87	1.95e-03	-8.25e-05	0.0	110.0	-5.83	1.14	-3.76e-03	-0.79	0.42	231.89
						220.0	-5.83	-8.92	-3.76e-03	-0.79	1.95e-03	-195.97
106	17	238.68	3.28e-03	-1.99e-03	-20.10	0.0	-5.96	11.14	0.01	-0.83	-2.27	-440.32
		-440.32	-2.27	-1.73e-04	0.0	110.0	-5.96	1.09	0.01	-0.83	-1.14	232.34
						220.0	-5.96	-8.96	0.01	-0.83	3.28e-03	-200.63
106	19	237.62	0.09	-2.17e-03	-20.10	0.0	-5.23	11.45	1.04	-18.17	-228.35	-479.55
		-479.55	-228.35	-0.02	0.0	110.0	-5.23	1.40	1.04	-18.17	-114.13	227.04
						220.0	-5.23	-8.65	1.04	-18.17	0.09	-172.00
106	21	237.49	0.09	-2.14e-03	-20.10	0.0	-5.32	11.42	1.05	-18.20	-230.52	-475.67
		-475.67	-230.52	-0.02	0.0	110.0	-5.32	1.37	1.05	-18.20	-115.22	227.35
						220.0	-5.32	-8.69	1.05	-18.20	0.09	-175.26
106	22	238.87	0.83	-2.04e-03	-20.10	0.0	-5.83	11.19	-3.76e-03	-0.79	0.83	-445.87
		-445.87	1.95e-03	-8.25e-05	0.0	110.0	-5.83	1.14	-3.76e-03	-0.79	0.42	231.89
						220.0	-5.83	-8.92	-3.76e-03	-0.79	1.95e-03	-195.97
106	24	238.77	2.62e-03	-2.01e-03	-20.10	0.0	-5.89	11.16	3.29e-03	-0.81	-0.72	-443.10
		-443.10	-0.72	-1.28e-04	0.0	110.0	-5.89	1.11	3.29e-03	-0.81	-0.36	232.11
						220.0	-5.89	-8.94	3.29e-03	-0.81	2.62e-03	-198.30
106	26	238.00	0.06	-2.13e-03	-20.10	0.0	-5.41	11.37	0.73	-12.96	-159.59	-469.45
		-469.45	-159.59	-0.02	0.0	110.0	-5.41	1.32	0.73	-12.96	-79.77	228.49
						220.0	-5.41	-8.73	0.73	-12.96	0.06	-179.19
106	28	237.94	0.06	-2.12e-03	-20.10	0.0	-5.45	11.36	0.73	-12.97	-160.52	-467.78
		-467.78	-160.52	-0.02	0.0	110.0	-5.45	1.31	0.73	-12.97	-80.23	228.63
						220.0	-5.45	-8.75	0.73	-12.97	0.06	-180.59
106	29	238.87	0.83	-2.04e-03	-20.10	0.0	-5.83	11.19	-3.76e-03	-0.79	0.83	-445.87
		-445.87	1.95e-03	-8.25e-05	0.0	110.0	-5.83	1.14	-3.76e-03	-0.79	0.42	231.89
						220.0	-5.83	-8.92	-3.76e-03	-0.79	1.95e-03	-195.97
106	30	238.12	0.05	-2.12e-03	-20.10	0.0	-5.47	11.34	0.62	-11.22	-136.68	-466.08
		-466.08	-136.68	-0.01	0.0	110.0	-5.47	1.29	0.62	-11.22	-68.31	228.98
						220.0	-5.47	-8.76	0.62	-11.22	0.05	-181.59
106	31	238.81	2.35e-03	-2.02e-03	-20.10	0.0	-5.87	11.17	4.70e-04	-0.80	-0.10	-444.21
		-444.21	-0.10	-1.10e-04	0.0	110.0	-5.87	1.12	4.70e-04	-0.80	-0.05	232.02
						220.0	-5.87	-8.93	4.70e-04	-0.80	2.35e-03	-197.37
106	32	238.06	0.05	-2.10e-03	-20.10	0.0	-5.51	11.33	0.63	-11.23	-137.61	-464.42
		-464.42	-137.61	-0.01	0.0	110.0	-5.51	1.28	0.63	-11.23	-68.78	229.11
						220.0	-5.51	-8.77	0.63	-11.23	0.05	-182.99
107	1	253.95	0.05	-1.82e-03	-26.73	0.0	-4.90	13.22	0.01	0.04	-2.36	-482.15
		-513.34	-2.36	-1.71e-05	0.0	112.5	-4.90	-0.14	0.01	0.04	-1.16	253.95
						225.0	-4.90	-13.50	0.01	0.04	0.05	-513.34
107	11	272.70	726.17	3.12e-03	-26.73	0.0	-3.26	12.70	-3.97	124.75	726.17	-404.49
		-553.50	-167.57	0.04	0.0	112.5	-3.26	-0.66	-3.97	124.75	279.30	272.70
						225.0	-3.26	-14.03	-3.97	124.75	-167.57	-553.50

107	12	214.07	726.00	2.99e-03	-20.56	0.0	-2.45	9.66	-3.97	124.13	726.00	-294.87
		-433.43	-167.72	0.04	0.0	112.5	-2.45	-0.62	-3.97	124.13	279.14	214.07
						225.0	-2.45	-10.90	-3.97	124.13	-167.72	-433.43
107	14	214.10	726.72	3.01e-03	-20.56	0.0	-2.13	9.65	-3.97	124.74	726.72	-293.23
		-435.03	-167.58	0.04	0.0	112.5	-2.13	-0.63	-3.97	124.74	279.57	214.10
						225.0	-2.13	-10.91	-3.97	124.74	-167.58	-435.03
107	15	195.34	0.04	-1.40e-03	-20.56	0.0	-3.77	10.17	8.25e-03	0.03	-1.82	-370.89
		-394.88	-1.82	-1.31e-05	0.0	112.5	-3.77	-0.11	8.25e-03	0.03	-0.89	195.34
						225.0	-3.77	-10.39	8.25e-03	0.03	0.04	-394.88
107	19	207.83	483.39	2.11e-03	-20.56	0.0	-2.89	9.83	-2.65	82.77	483.39	-320.21
		-420.58	-111.80	0.02	0.0	112.5	-2.89	-0.45	-2.65	82.77	185.79	207.83
						225.0	-2.89	-10.73	-2.65	82.77	-111.80	-420.58
107	21	207.85	483.87	2.13e-03	-20.56	0.0	-2.68	9.82	-2.65	83.17	483.87	-319.11
		-421.65	-111.71	0.02	0.0	112.5	-2.68	-0.46	-2.65	83.17	186.08	207.85
						225.0	-2.68	-10.74	-2.65	83.17	-111.71	-421.65
107	22	195.34	0.04	-1.40e-03	-20.56	0.0	-3.77	10.17	8.25e-03	0.03	-1.82	-370.89
		-394.88	-1.82	-1.31e-05	0.0	112.5	-3.77	-0.11	8.25e-03	0.03	-0.89	195.34
						225.0	-3.77	-10.39	8.25e-03	0.03	0.04	-394.88
107	26	204.08	337.83	1.59e-03	-20.56	0.0	-3.16	9.94	-1.85	57.95	337.83	-335.41
		-412.87	-78.25	0.02	0.0	112.5	-3.16	-0.34	-1.85	57.95	129.79	204.08
						225.0	-3.16	-10.62	-1.85	57.95	-78.25	-412.87
107	28	204.09	338.03	1.59e-03	-20.56	0.0	-3.07	9.93	-1.85	58.12	338.03	-334.94
		-413.33	-78.21	0.02	0.0	112.5	-3.07	-0.35	-1.85	58.12	129.91	204.09
						225.0	-3.07	-10.63	-1.85	58.12	-78.21	-413.33
107	29	195.34	0.04	-1.40e-03	-20.56	0.0	-3.77	10.17	8.25e-03	0.03	-1.82	-370.89
		-394.88	-1.82	-1.31e-05	0.0	112.5	-3.77	-0.11	8.25e-03	0.03	-0.89	195.34
						225.0	-3.77	-10.39	8.25e-03	0.03	0.04	-394.88
107	30	202.84	289.31	1.41e-03	-20.56	0.0	-3.25	9.97	-1.58	49.67	289.31	-340.48
		-410.30	-67.07	0.01	0.0	112.5	-3.25	-0.31	-1.58	49.67	111.12	202.84
						225.0	-3.25	-10.59	-1.58	49.67	-67.07	-410.30
107	32	202.84	289.51	1.42e-03	-20.56	0.0	-3.15	9.97	-1.58	49.84	289.51	-340.01
		-410.76	-67.03	0.01	0.0	112.5	-3.15	-0.31	-1.58	49.84	111.24	202.84
						225.0	-3.15	-10.59	-1.58	49.84	-67.03	-410.76
108	1	248.96	0.05	-1.74e-03	-26.73	0.0	-4.26	13.27	-8.27e-05	-0.31	0.05	-492.35
		-513.13	0.03	-6.43e-05	0.0	112.5	-4.26	-0.09	-8.27e-05	-0.31	0.04	248.96
						225.0	-4.26	-13.46	-8.27e-05	-0.31	0.03	-513.13
108	3	248.65	0.27	-1.72e-03	-26.73	0.0	-3.66	13.25	4.52e-05	0.88	0.26	-490.07
		-516.02	0.26	1.21e-04	0.0	112.5	-3.66	-0.12	4.52e-05	0.88	0.26	248.65
						225.0	-3.66	-13.48	4.52e-05	0.88	0.27	-516.02
108	11	237.62	-167.08	3.22e-03	-26.73	0.0	-0.54	12.91	-0.81	152.66	-167.08	-462.57
		-565.58	-348.97	0.03	0.0	112.5	-0.54	-0.46	-0.81	152.66	-258.02	237.62
						225.0	-0.54	-13.82	-0.81	152.66	-348.97	-565.58
108	12	180.39	-167.24	3.09e-03	-20.56	0.0	0.02	9.86	-0.81	151.89	-167.24	-350.54
		-445.14	-349.15	0.03	0.0	112.5	0.02	-0.42	-0.81	151.89	-258.19	180.39
						225.0	0.02	-10.70	-0.81	151.89	-349.15	-445.14
108	14	180.17	-167.09	3.11e-03	-20.56	0.0	0.44	9.84	-0.81	152.73	-167.09	-348.95
		-447.16	-348.98	0.03	0.0	112.5	0.44	-0.44	-0.81	152.73	-258.03	180.17
						225.0	0.44	-10.72	-0.81	152.73	-348.98	-447.16
108	15	191.51	0.04	-1.34e-03	-20.56	0.0	-3.27	10.21	-6.81e-05	-0.24	0.04	-378.73
		-394.71	0.02	-4.95e-05	0.0	112.5	-3.27	-0.07	-6.81e-05	-0.24	0.03	191.51
						225.0	-3.27	-10.35	-6.81e-05	-0.24	0.02	-394.71
108	17	191.30	0.18	-1.33e-03	-20.56	0.0	-2.88	10.19	1.72e-05	0.56	0.18	-377.21
		-396.64	0.18	7.38e-05	0.0	112.5	-2.88	-0.09	1.72e-05	0.56	0.18	191.30
						225.0	-2.88	-10.37	1.72e-05	0.56	0.18	-396.64
108	19	184.09	-111.48	2.18e-03	-20.56	0.0	-1.08	9.98	-0.54	101.18	-111.48	-359.94
		-428.33	-232.76	0.02	0.0	112.5	-1.08	-0.30	-0.54	101.18	-172.12	184.09
						225.0	-1.08	-10.58	-0.54	101.18	-232.76	-428.33
108	21	183.95	-111.38	2.19e-03	-20.56	0.0	-0.80	9.96	-0.54	101.74	-111.38	-358.88
		-429.68	-232.64	0.02	0.0	112.5	-0.80	-0.31	-0.54	101.74	-172.01	183.95
						225.0	-0.80	-10.59	-0.54	101.74	-232.64	-429.68
108	22	191.51	0.04	-1.34e-03	-20.56	0.0	-3.27	10.21	-6.81e-05	-0.24	0.04	-378.73
		-394.71	0.02	-4.95e-05	0.0	112.5	-3.27	-0.07	-6.81e-05	-0.24	0.03	191.51
						225.0	-3.27	-10.35	-6.81e-05	-0.24	0.02	-394.71
108	24	191.40	0.11	-1.33e-03	-20.56	0.0	-3.07	10.20	-2.54e-05	0.16	0.11	-377.97
		-395.68	0.10	1.21e-05	0.0	112.5	-3.07	-0.08	-2.54e-05	0.16	0.10	191.40
						225.0	-3.07	-10.36	-2.54e-05	0.16	0.10	-395.68
108	26	186.32	-78.03	1.64e-03	-20.56	0.0	-1.74	10.05	-0.38	70.76	-78.03	-365.57
		-418.24	-162.92	0.01	0.0	112.5	-1.74	-0.23	-0.38	70.76	-120.47	186.32
						225.0	-1.74	-10.51	-0.38	70.76	-162.92	-418.24
108	28	186.25	-77.98	1.64e-03	-20.56	0.0	-1.62	10.04	-0.38	71.00	-77.98	-365.12
		-418.82	-162.88	0.01	0.0	112.5	-1.62	-0.24	-0.38	71.00	-120.43	186.25

						225.0	-1.62	-10.52	-0.38	71.00	-162.88	-418.82
108	29	191.51	0.04	-1.34e-03	-20.56	0.0	-3.27	10.21	-6.81e-05	-0.24	0.04	-378.73
		-394.71	0.02	-4.95e-05	0.0	112.5	-3.27	-0.07	-6.81e-05	-0.24	0.03	191.51
						225.0	-3.27	-10.35	-6.81e-05	-0.24	0.02	-394.71
108	30	187.06	-66.87	1.46e-03	-20.56	0.0	-1.96	10.07	-0.32	60.62	-66.87	-367.45
		-414.88	-139.65	0.01	0.0	112.5	-1.96	-0.21	-0.32	60.62	-103.26	187.06
						225.0	-1.96	-10.49	-0.32	60.62	-139.65	-414.88
108	31	191.44	0.08	-1.33e-03	-20.56	0.0	-3.15	10.20	-4.25e-05	1.74e-03	0.08	-378.27
		-395.29	0.07	-1.25e-05	0.0	112.5	-3.15	-0.08	-4.25e-05	1.74e-03	0.07	191.44
						225.0	-3.15	-10.36	-4.25e-05	1.74e-03	0.07	-395.29
108	32	187.00	-66.83	1.46e-03	-20.56	0.0	-1.84	10.06	-0.32	60.85	-66.83	-367.00
		-415.46	-139.60	0.01	0.0	112.5	-1.84	-0.22	-0.32	60.85	-103.21	187.00
						225.0	-1.84	-10.49	-0.32	60.85	-139.60	-415.46
109	1	247.69	0.03	-2.01e-03	-26.73	0.0	-4.06	13.39	-1.82e-03	0.08	0.03	-506.62
		-506.62	-0.38	-6.92e-05	0.0	112.5	-4.06	0.02	-1.82e-03	0.08	-0.18	247.69
						225.0	-4.06	-13.34	-1.82e-03	0.08	-0.38	-501.39
109	3	246.62	0.27	-2.04e-03	-26.73	0.0	-3.35	13.37	-6.71e-04	1.42	0.27	-506.14
		-506.14	0.12	1.52e-04	0.0	112.5	-3.35	9.40e-03	-6.71e-04	1.42	0.19	246.62
						225.0	-3.35	-13.35	-6.71e-04	1.42	0.12	-504.02
109	9	229.25	-320.48	-1.98e-03	-26.73	0.0	-0.44	13.58	0.13	-26.77	-348.95	-546.33
		-546.33	-348.95	-0.01	0.0	112.5	-0.44	0.21	0.13	-26.77	-334.71	229.25
						225.0	-0.44	-13.15	0.13	-26.77	-320.48	-498.55
109	12	172.10	-320.40	-1.53e-03	-20.56	0.0	0.50	10.49	0.13	-26.79	-348.96	-429.42
		-429.42	-348.96	-0.01	0.0	112.5	0.50	0.21	0.13	-26.79	-334.68	172.10
						225.0	0.50	-10.07	0.13	-26.79	-320.40	-382.84
109	14	171.34	-320.05	-1.55e-03	-20.56	0.0	0.99	10.48	0.13	-25.84	-348.79	-429.08
		-429.08	-348.79	-0.01	0.0	112.5	0.99	0.20	0.13	-25.84	-334.42	171.34
						225.0	0.99	-10.08	0.13	-25.84	-320.05	-384.69
109	15	190.53	0.02	-1.54e-03	-20.56	0.0	-3.12	10.30	-1.41e-03	0.06	0.02	-389.71
		-389.71	-0.30	-5.34e-05	0.0	112.5	-3.12	0.02	-1.41e-03	0.06	-0.14	190.53
						225.0	-3.12	-10.26	-1.41e-03	0.06	-0.30	-385.68
109	17	189.81	0.18	-1.56e-03	-20.56	0.0	-2.65	10.29	-6.42e-04	0.95	0.18	-389.39
		-389.39	0.04	9.43e-05	0.0	112.5	-2.65	8.65e-03	-6.42e-04	0.95	0.11	189.81
						225.0	-2.65	-10.27	-6.42e-04	0.95	0.04	-387.44
109	19	178.24	-213.70	-1.53e-03	-20.56	0.0	-0.71	10.42	0.08	-17.84	-232.63	-416.18
		-416.18	-232.63	-8.10e-03	0.0	112.5	-0.71	0.14	0.08	-17.84	-223.16	178.24
						225.0	-0.71	-10.14	0.08	-17.84	-213.70	-383.79
109	21	177.74	-213.46	-1.54e-03	-20.56	0.0	-0.38	10.42	0.08	-17.21	-232.52	-415.96
		-415.96	-232.52	-8.00e-03	0.0	112.5	-0.38	0.14	0.08	-17.21	-222.99	177.74
						225.0	-0.38	-10.14	0.08	-17.21	-213.46	-385.02
109	22	190.53	0.02	-1.54e-03	-20.56	0.0	-3.12	10.30	-1.41e-03	0.06	0.02	-389.71
		-389.71	-0.30	-5.34e-05	0.0	112.5	-3.12	0.02	-1.41e-03	0.06	-0.14	190.53
						225.0	-3.12	-10.26	-1.41e-03	0.06	-0.30	-385.68
109	24	190.17	0.10	-1.55e-03	-20.56	0.0	-2.89	10.29	-1.02e-03	0.51	0.10	-389.55
		-389.55	-0.13	2.05e-05	0.0	112.5	-2.89	0.01	-1.02e-03	0.51	-0.01	190.17
						225.0	-2.89	-10.27	-1.02e-03	0.51	-0.13	-386.56
109	26	181.93	-149.68	-1.53e-03	-20.56	0.0	-1.43	10.39	0.06	-12.47	-162.83	-408.24
		-408.24	-162.83	-5.69e-03	0.0	112.5	-1.43	0.11	0.06	-12.47	-156.26	181.93
						225.0	-1.43	-10.17	0.06	-12.47	-149.68	-384.36
109	28	181.71	-149.58	-1.54e-03	-20.56	0.0	-1.29	10.38	0.06	-12.20	-162.79	-408.14
		-408.14	-162.79	-5.64e-03	0.0	112.5	-1.29	0.10	0.06	-12.20	-156.18	181.71
						225.0	-1.29	-10.18	0.06	-12.20	-149.58	-384.88
109	29	190.53	0.02	-1.54e-03	-20.56	0.0	-3.12	10.30	-1.41e-03	0.06	0.02	-389.71
		-389.71	-0.30	-5.34e-05	0.0	112.5	-3.12	0.02	-1.41e-03	0.06	-0.14	190.53
						225.0	-3.12	-10.26	-1.41e-03	0.06	-0.30	-385.68
109	30	183.16	-128.34	-1.53e-03	-20.56	0.0	-1.67	10.37	0.05	-10.68	-139.57	-405.59
		-405.59	-139.57	-4.88e-03	0.0	112.5	-1.67	0.09	0.05	-10.68	-133.95	183.16
						225.0	-1.67	-10.19	0.05	-10.68	-128.34	-384.55
109	31	190.32	0.07	-1.55e-03	-20.56	0.0	-2.98	10.29	-1.18e-03	0.33	0.07	-389.61
		-389.61	-0.20	-9.09e-06	0.0	112.5	-2.98	0.02	-1.18e-03	0.33	-0.06	190.32
						225.0	-2.98	-10.26	-1.18e-03	0.33	-0.20	-386.21
109	32	182.94	-128.24	-1.54e-03	-20.56	0.0	-1.53	10.37	0.05	-10.41	-139.52	-405.50
		-405.50	-139.52	-4.84e-03	0.0	112.5	-1.53	0.09	0.05	-10.41	-133.88	182.94
						225.0	-1.53	-10.19	0.05	-10.41	-128.24	-385.07
110	1	250.22	-0.38	-2.29e-03	-26.73	0.0	-4.53	13.50	-3.20e-03	0.28	-0.38	-516.39
		-516.39	-1.10	-1.26e-04	0.0	112.5	-4.53	0.13	-3.20e-03	0.28	-0.74	250.22
						225.0	-4.53	-13.23	-3.20e-03	0.28	-1.10	-486.56
110	9	249.02	113.42	-4.23e-03	-26.73	0.0	-3.54	14.23	1.93	-134.41	-320.78	-600.20
		-600.20	-320.78	-0.05	0.0	112.5	-3.54	0.86	1.93	-134.41	-103.68	248.62
						225.0	-3.54	-12.50	1.93	-134.41	113.42	-405.94
110	11	247.97	115.40	-4.40e-03	-26.73	0.0	-3.09	14.24	1.94	-132.92	-320.42	-603.32

		-603.32	-320.42	-0.05	0.0	112.5	-3.09	0.88	1.94	-132.92	-102.51	247.34
						225.0	-3.09	-12.48	1.94	-132.92	115.40	-405.38
110	14	192.51	115.64	-3.96e-03	-20.56	0.0	-2.05	11.13	1.94	-132.98	-320.34	-484.15
		-484.15	-320.34	-0.05	0.0	112.5	-2.05	0.85	1.94	-132.98	-102.35	189.60
						225.0	-2.05	-9.43	1.94	-132.98	115.64	-293.10
110	15	192.48	-0.30	-1.76e-03	-20.56	0.0	-3.48	10.38	-2.47e-03	0.22	-0.30	-397.22
		-397.22	-0.85	-9.78e-05	0.0	112.5	-3.48	0.10	-2.47e-03	0.22	-0.57	192.48
						225.0	-3.48	-10.18	-2.47e-03	0.22	-0.85	-374.28
110	19	191.41	75.50	-3.04e-03	-20.56	0.0	-2.83	10.87	1.29	-89.58	-213.89	-453.10
		-453.10	-213.89	-0.03	0.0	112.5	-2.83	0.59	1.29	-89.58	-69.20	191.41
						225.0	-2.83	-9.69	1.29	-89.58	75.50	-320.53
110	21	190.56	76.81	-3.14e-03	-20.56	0.0	-2.53	10.88	1.29	-88.58	-213.66	-455.18
		-455.18	-213.66	-0.03	0.0	112.5	-2.53	0.60	1.29	-88.58	-68.42	190.56
						225.0	-2.53	-9.68	1.29	-88.58	76.81	-320.16
110	22	192.48	-0.30	-1.76e-03	-20.56	0.0	-3.48	10.38	-2.47e-03	0.22	-0.30	-397.22
		-397.22	-0.85	-9.78e-05	0.0	112.5	-3.48	0.10	-2.47e-03	0.22	-0.57	192.48
						225.0	-3.48	-10.18	-2.47e-03	0.22	-0.85	-374.28
110	25	191.23	45.90	-2.55e-03	-20.56	0.0	-2.87	10.68	0.77	-52.95	-128.29	-432.23
		-432.23	-128.29	-0.02	0.0	112.5	-2.87	0.40	0.77	-52.95	-41.19	191.23
						225.0	-2.87	-9.88	0.77	-52.95	45.90	-341.76
110	26	191.73	52.59	-2.62e-03	-20.56	0.0	-3.02	10.72	0.90	-62.64	-149.81	-436.33
		-436.33	-149.81	-0.02	0.0	112.5	-3.02	0.44	0.90	-62.64	-48.61	191.73
						225.0	-3.02	-9.84	0.90	-62.64	52.59	-336.66
110	28	191.37	53.16	-2.66e-03	-20.56	0.0	-2.89	10.73	0.90	-62.21	-149.71	-437.22
		-437.22	-149.71	-0.02	0.0	112.5	-2.89	0.45	0.90	-62.21	-48.28	191.37
						225.0	-2.89	-9.83	0.90	-62.21	53.16	-336.50
110	29	192.48	-0.30	-1.76e-03	-20.56	0.0	-3.48	10.38	-2.47e-03	0.22	-0.30	-397.22
		-397.22	-0.85	-9.78e-05	0.0	112.5	-3.48	0.10	-2.47e-03	0.22	-0.57	192.48
						225.0	-3.48	-10.18	-2.47e-03	0.22	-0.85	-374.28
110	30	191.84	44.96	-2.48e-03	-20.56	0.0	-3.09	10.67	0.77	-53.66	-128.45	-430.75
		-430.75	-128.45	-0.02	0.0	112.5	-3.09	0.39	0.77	-53.66	-41.75	191.84
						225.0	-3.09	-9.89	0.77	-53.66	44.96	-342.03
110	32	191.47	45.52	-2.52e-03	-20.56	0.0	-2.96	10.68	0.77	-53.23	-128.35	-431.64
		-431.64	-128.35	-0.02	0.0	112.5	-2.96	0.40	0.77	-53.23	-41.42	191.47
						225.0	-2.96	-9.88	0.77	-53.23	45.52	-341.87
111	3	40.94	7.47	-3.91e-03	-4.79	0.0	-24.03	2.41	0.08	-0.46	-7.93	-82.48
		-82.48	-7.93	-1.48e-03	0.0	101.6	-21.41	0.02	0.08	-0.46	-0.23	40.94
						203.1	-18.79	-2.38	0.08	-0.46	7.47	-78.77
111	5	31.38	4.06	-2.74e-03	-3.68	0.0	-11.20	1.85	0.04	-0.27	-4.74	-63.39
		-63.39	-4.74	-1.38e-03	0.0	101.6	-9.18	0.01	0.04	-0.27	-0.34	31.38
						203.1	-7.17	-1.83	0.04	-0.27	4.06	-60.88
111	9	42.27	3579.67	-2.30e-03	-4.79	0.0	-78.62	2.46	15.43	-21.56	444.49	-86.34
		-86.34	444.49	0.96	0.0	101.6	-75.99	0.07	15.43	-21.56	2012.08	42.27
						203.1	-73.37	-2.32	15.43	-21.56	3579.67	-72.26
111	11	42.47	3581.19	-2.50e-03	-4.79	0.0	-84.22	2.46	15.45	-21.64	443.27	-85.95
		-85.95	443.27	0.96	0.0	101.6	-81.60	0.07	15.45	-21.64	2012.23	42.47
						203.1	-78.98	-2.33	15.45	-21.64	3581.19	-72.24
111	15	31.32	4.07	-2.76e-03	-3.68	0.0	-11.84	1.86	0.04	-0.27	-4.75	-63.66
		-63.66	-4.75	-1.38e-03	0.0	101.6	-9.82	0.01	0.04	-0.27	-0.34	31.32
						203.1	-7.80	-1.83	0.04	-0.27	4.07	-60.73
111	17	31.51	5.51	-2.96e-03	-3.68	0.0	-17.18	1.85	0.06	-0.34	-5.91	-63.29
		-63.29	-5.91	-1.17e-03	0.0	101.6	-15.16	0.01	0.06	-0.34	-0.20	31.51
						203.1	-13.14	-1.83	0.06	-0.34	5.51	-60.71
111	19	32.40	2386.98	-1.89e-03	-3.68	0.0	-53.56	1.89	10.29	-14.41	295.70	-65.86
		-65.86	295.70	0.64	0.0	101.6	-51.55	0.05	10.29	-14.41	1341.34	32.40
						203.1	-49.53	-1.79	10.29	-14.41	2386.98	-56.37
111	21	32.53	2388.00	-2.02e-03	-3.68	0.0	-57.30	1.89	10.30	-14.46	294.89	-65.60
		-65.60	294.89	0.64	0.0	101.6	-55.29	0.05	10.30	-14.46	1341.44	32.53
						203.1	-53.27	-1.80	10.30	-14.46	2388.00	-56.36
111	22	31.32	4.07	-2.76e-03	-3.68	0.0	-11.84	1.86	0.04	-0.27	-4.75	-63.66
		-63.66	-4.75	-1.38e-03	0.0	101.6	-9.82	0.01	0.04	-0.27	-0.34	31.32
						203.1	-7.80	-1.83	0.04	-0.27	4.07	-60.73
111	24	31.41	4.79	-2.86e-03	-3.68	0.0	-14.51	1.85	0.05	-0.31	-5.33	-63.48
		-63.48	-5.33	-1.28e-03	0.0	101.6	-12.49	0.01	0.05	-0.31	-0.27	31.41
						203.1	-10.47	-1.83	0.05	-0.31	4.79	-60.72
111	26	32.07	1672.11	-2.15e-03	-3.68	0.0	-41.05	1.88	7.22	-10.17	205.56	-65.20
		-65.20	205.56	0.45	0.0	101.6	-39.03	0.04	7.22	-10.17	938.84	32.07
						203.1	-37.01	-1.80	7.22	-10.17	1672.11	-57.68
111	28	32.13	1672.54	-2.21e-03	-3.68	0.0	-42.65	1.88	7.22	-10.19	205.22	-65.09
		-65.09	205.22	0.45	0.0	101.6	-40.63	0.04	7.22	-10.19	938.88	32.13
						203.1	-38.62	-1.80	7.22	-10.19	1672.54	-57.67

111	29	31.32	4.07	-2.76e-03	-3.68	0.0	-11.84	1.86	0.04	-0.27	-4.75	-63.66
		-63.66	-4.75	-1.38e-03	0.0	101.6	-9.82	0.01	0.04	-0.27	-0.34	31.32
						203.1	-7.80	-1.83	0.04	-0.27	4.07	-60.73
111	30	31.97	1433.82	-2.24e-03	-3.68	0.0	-36.87	1.88	6.19	-8.75	175.52	-64.98
		-64.98	175.52	0.38	0.0	101.6	-34.86	0.03	6.19	-8.75	804.67	31.97
						203.1	-32.84	-1.81	6.19	-8.75	1433.82	-58.11
111	31	31.38	4.50	-2.82e-03	-3.68	0.0	-13.44	1.86	0.05	-0.29	-5.10	-63.55
		-63.55	-5.10	-1.32e-03	0.0	101.6	-11.42	0.01	0.05	-0.29	-0.30	31.38
						203.1	-9.41	-1.83	0.05	-0.29	4.50	-60.72
111	32	32.02	1434.25	-2.30e-03	-3.68	0.0	-38.48	1.87	6.20	-8.78	175.17	-64.87
		-64.87	175.17	0.38	0.0	101.6	-36.46	0.03	6.20	-8.78	804.71	32.02
						203.1	-34.44	-1.81	6.20	-8.78	1434.25	-58.11
112	3	42.92	-2.12	-3.93e-03	-4.79	0.0	8.77	2.47	0.03	0.02	-8.45	-86.05
		-86.05	-8.45	1.73e-03	0.0	101.6	6.15	0.07	0.03	0.02	-5.28	42.92
						203.1	3.53	-2.32	0.03	0.02	-2.12	-71.24
112	7	32.55	-1.72	-2.91e-03	-3.68	0.0	4.07	1.88	0.03	0.02	-6.97	-64.91
		-64.91	-6.97	1.33e-03	0.0	101.6	2.05	0.04	0.03	0.02	-4.34	32.55
						203.1	0.04	-1.80	0.03	0.02	-1.72	-57.02
112	9	38.35	2656.19	2.22e-03	-4.79	0.0	88.89	2.44	30.40	-172.45	-3520.29	-87.44
		-87.44	-3520.29	-0.96	0.0	101.6	86.27	0.04	30.40	-172.45	-432.05	38.35
						203.1	83.65	-2.35	30.40	-172.45	2656.19	-78.99
112	11	38.57	2655.83	2.06e-03	-4.79	0.0	88.33	2.44	30.41	-172.45	-3521.72	-87.33
		-87.33	-3521.72	-0.96	0.0	101.6	85.71	0.04	30.41	-172.45	-432.95	38.57
						203.1	83.09	-2.35	30.41	-172.45	2655.83	-78.66
112	12	27.97	2656.59	2.56e-03	-3.68	0.0	84.19	1.85	30.40	-172.46	-3518.81	-66.30
		-66.30	-3518.81	-0.96	0.0	101.6	82.17	7.50e-03	30.40	-172.46	-431.11	27.97
						203.1	80.16	-1.83	30.40	-172.46	2656.59	-64.78
112	17	32.75	-1.56	-2.94e-03	-3.68	0.0	5.74	1.89	0.02	0.02	-6.29	-65.67
		-65.67	-6.29	1.33e-03	0.0	101.6	3.73	0.05	0.02	0.02	-3.93	32.75
						203.1	1.71	-1.79	0.02	0.02	-1.56	-55.86
112	19	29.70	1770.64	1.45e-03	-3.68	0.0	59.16	1.87	20.27	-114.96	-2347.52	-66.60
		-66.60	-2347.52	-0.64	0.0	101.6	57.14	0.03	20.27	-114.96	-288.44	29.70
						203.1	55.12	-1.81	20.27	-114.96	1770.64	-61.03
112	21	29.85	1770.40	-1.48e-03	-3.68	0.0	58.79	1.87	20.28	-114.97	-2348.47	-66.52
		-66.52	-2348.47	-0.64	0.0	101.6	56.77	0.03	20.28	-114.97	-289.04	29.85
						203.1	54.75	-1.81	20.28	-114.97	1770.40	-60.81
112	24	32.64	-1.39	-2.88e-03	-3.68	0.0	6.01	1.89	0.02	0.02	-5.61	-65.72
		-65.72	-5.61	1.35e-03	0.0	101.6	3.99	0.05	0.02	0.02	-3.50	32.64
						203.1	1.98	-1.79	0.02	0.02	-1.39	-56.02
112	26	30.55	1239.09	-1.83e-03	-3.68	0.0	43.29	1.87	14.20	-80.47	-1644.74	-66.35
		-66.35	-1644.74	-0.45	0.0	101.6	41.27	0.03	14.20	-80.47	-202.83	30.55
						203.1	39.26	-1.81	14.20	-80.47	1239.09	-59.58
112	28	30.61	1238.98	-1.86e-03	-3.68	0.0	43.13	1.87	14.20	-80.47	-1645.15	-66.32
		-66.32	-1645.15	-0.45	0.0	101.6	41.12	0.03	14.20	-80.47	-203.08	30.61
						203.1	39.10	-1.81	14.20	-80.47	1238.98	-59.48
112	30	30.83	1061.90	-1.97e-03	-3.68	0.0	38.00	1.88	12.17	-68.97	-1410.48	-66.27
		-66.27	-1410.48	-0.38	0.0	101.6	35.99	0.04	12.17	-68.97	-174.29	30.83
						203.1	33.97	-1.81	12.17	-68.97	1061.90	-59.09
112	31	32.60	-1.32	-2.86e-03	-3.68	0.0	6.11	1.89	0.02	0.02	-5.34	-65.75
		-65.75	-5.34	1.36e-03	0.0	101.6	4.10	0.05	0.02	0.02	-3.33	32.60
						203.1	2.08	-1.79	0.02	0.02	-1.32	-56.08
112	32	30.90	1061.80	-2.00e-03	-3.68	0.0	37.84	1.88	12.17	-68.97	-1410.89	-66.24
		-66.24	-1410.89	-0.38	0.0	101.6	35.83	0.04	12.17	-68.97	-174.55	30.90
						203.1	33.81	-1.81	12.17	-68.97	1061.80	-59.00
113	3	42.37	3.50	-3.79e-03	-4.79	0.0	-16.88	2.35	0.03	-0.14	-2.26	-75.13
		-83.27	-2.26	1.90e-04	0.0	101.6	-14.26	-0.04	0.03	-0.14	0.62	42.37
						203.1	-11.63	-2.43	0.03	-0.14	3.50	-83.27
113	7	32.24	2.83	-2.83e-03	-3.68	0.0	-10.53	1.82	0.02	-0.11	-1.74	-59.11
		-63.45	-1.74	3.23e-04	0.0	101.6	-8.51	-0.02	0.02	-0.11	0.55	32.24
						203.1	-6.50	-1.86	0.02	-0.11	2.83	-63.45
113	9	42.65	3528.13	-3.17e-03	-4.79	0.0	-48.11	2.32	-9.35	121.46	3528.13	-71.10
		-86.73	1629.09	1.92	0.0	101.6	-45.49	-0.08	-9.35	121.46	2578.61	42.65
						203.1	-42.87	-2.47	-9.35	121.46	1629.09	-86.73
113	11	42.71	3528.10	-3.22e-03	-4.79	0.0	-47.45	2.32	-9.35	121.45	3528.10	-70.94
		-86.78	1629.56	1.92	0.0	101.6	-44.83	-0.08	-9.35	121.45	2578.83	42.71
						203.1	-42.21	-2.47	-9.35	121.45	1629.56	-86.78
113	12	32.52	3528.65	-2.21e-03	-3.68	0.0	-41.77	1.78	-9.35	121.49	3528.65	-55.08
		-66.91	1628.43	1.92	0.0	101.6	-39.75	-0.06	-9.35	121.49	2578.54	32.52
						203.1	-37.73	-1.90	-9.35	121.49	1628.43	-66.91
113	17	32.42	2.62	-2.86e-03	-3.68	0.0	-12.11	1.81	0.02	-0.11	-1.73	-58.41
		-63.78	-1.73	6.14e-05	0.0	101.6	-10.09	-0.03	0.02	-0.11	0.44	32.42

						203.1	-8.08	-1.87	0.02	-0.11	2.62	-63.78
113	19	32.61	2351.86	-2.45e-03	-3.68	0.0	-32.93	1.79	-6.23	80.96	2351.86	-55.73
		-66.08	1086.35	1.28	0.0	101.6	-30.92	-0.05	-6.23	80.96	1719.11	32.61
						203.1	-28.90	-1.89	-6.23	80.96	1086.35	-66.08
113	21	32.65	2351.84	-2.49e-03	-3.68	0.0	-32.49	1.79	-6.23	80.95	2351.84	-55.62
		-66.12	1086.66	1.28	0.0	101.6	-30.48	-0.05	-6.23	80.95	1719.25	32.65
						203.1	-28.46	-1.89	-6.23	80.95	1086.66	-66.12
113	24	32.39	2.40	-2.84e-03	-3.68	0.0	-12.42	1.82	0.02	-0.10	-1.72	-58.49
		-63.75	-1.72	-2.30e-04	0.0	101.6	-10.41	-0.03	0.02	-0.10	0.34	32.39
						203.1	-8.39	-1.87	0.02	-0.10	2.40	-63.75
113	26	32.53	1645.79	-2.56e-03	-3.68	0.0	-26.87	1.80	-4.35	56.65	1645.79	-56.58
		-65.38	761.10	0.89	0.0	101.6	-24.86	-0.04	-4.35	56.65	1203.44	32.53
						203.1	-22.84	-1.88	-4.35	56.65	761.10	-65.38
113	28	32.55	1645.78	-2.57e-03	-3.68	0.0	-26.68	1.80	-4.35	56.64	1645.78	-56.53
		-65.39	761.23	0.89	0.0	101.6	-24.67	-0.04	-4.35	56.64	1203.51	32.55
						203.1	-22.65	-1.88	-4.35	56.64	761.23	-65.39
113	30	32.51	1410.43	-2.59e-03	-3.68	0.0	-24.85	1.80	-3.73	48.54	1410.43	-56.86
		-65.14	652.68	0.77	0.0	101.6	-22.84	-0.04	-3.73	48.54	1031.56	32.51
						203.1	-20.82	-1.88	-3.73	48.54	652.68	-65.14
113	31	32.38	2.31	-2.82e-03	-3.68	0.0	-12.55	1.82	0.02	-0.10	-1.71	-58.52
		-63.74	-1.71	-3.19e-04	0.0	101.6	-10.53	-0.03	0.02	-0.10	0.30	32.38
						203.1	-8.52	-1.87	0.02	-0.10	2.31	-63.74
113	32	32.53	1410.43	-2.61e-03	-3.68	0.0	-24.66	1.80	-3.73	48.54	1410.43	-56.82
		-65.16	652.81	0.77	0.0	101.6	-22.65	-0.04	-3.73	48.54	1031.62	32.53
						203.1	-20.63	-1.88	-3.73	48.54	652.81	-65.16
114	3	41.03	0.29	-3.07e-03	-4.79	0.0	-17.86	2.37	0.02	-0.04	-3.84	-77.71
		-83.36	-3.84	-2.18e-04	0.0	101.6	-20.48	-0.03	0.02	-0.04	-1.78	41.03
						203.1	-23.10	-2.42	0.02	-0.04	0.29	-83.36
114	9	40.30	4147.22	-2.17e-03	-4.79	0.0	30.86	2.29	31.57	-219.91	-2266.54	-70.91
		-91.61	-2266.54	-1.91	0.0	101.6	28.24	-0.10	31.57	-219.91	940.34	40.30
						203.1	25.62	-2.50	31.57	-219.91	4147.22	-91.61
114	11	40.37	4147.18	-2.20e-03	-4.79	0.0	29.74	2.29	31.57	-219.93	-2267.18	-70.94
		-91.44	-2267.18	-1.92	0.0	101.6	27.12	-0.10	31.57	-219.93	940.00	40.37
						203.1	24.50	-2.49	31.57	-219.93	4147.18	-91.44
114	12	30.78	4147.15	1.73e-03	-3.68	0.0	37.95	1.75	31.57	-219.91	-2265.85	-53.59
		-71.87	-2265.85	-1.91	0.0	101.6	35.94	-0.09	31.57	-219.91	940.65	30.78
						203.1	33.92	-1.93	31.57	-219.91	4147.15	-71.87
114	17	31.52	0.23	-2.37e-03	-3.68	0.0	-12.12	1.82	0.02	-0.03	-2.85	-60.04
		-63.95	-2.85	1.49e-04	0.0	101.6	-14.14	-0.02	0.02	-0.03	-1.31	31.52
						203.1	-16.15	-1.86	0.02	-0.03	0.23	-63.95
114	19	31.04	2764.85	-1.75e-03	-3.68	0.0	20.36	1.77	21.05	-146.61	-1511.32	-55.50
		-69.45	-1511.32	-1.28	0.0	101.6	18.34	-0.07	21.05	-146.61	626.77	31.04
						203.1	16.33	-1.91	21.05	-146.61	2764.85	-69.45
114	21	31.08	2764.83	-1.78e-03	-3.68	0.0	19.61	1.77	21.05	-146.62	-1511.75	-55.52
		-69.34	-1511.75	-1.28	0.0	101.6	17.60	-0.07	21.05	-146.62	626.54	31.08
						203.1	15.58	-1.91	21.05	-146.62	2764.83	-69.34
114	24	31.49	0.25	-2.35e-03	-3.68	0.0	-11.59	1.82	0.01	-0.03	-2.54	-60.02
		-64.03	-2.54	2.19e-04	0.0	101.6	-13.60	-0.02	0.01	-0.03	-1.15	31.49
						203.1	-15.62	-1.86	0.01	-0.03	0.25	-64.03
114	26	31.16	1935.48	-1.91e-03	-3.68	0.0	10.93	1.79	14.74	-102.63	-1058.59	-56.86
		-67.85	-1058.59	-0.89	0.0	101.6	8.92	-0.05	14.74	-102.63	438.44	31.16
						203.1	6.90	-1.90	14.74	-102.63	1935.48	-67.85
114	28	31.18	1935.46	-1.92e-03	-3.68	0.0	10.61	1.79	14.74	-102.64	-1058.78	-56.86
		-67.80	-1058.78	-0.89	0.0	101.6	8.60	-0.05	14.74	-102.64	438.34	31.18
						203.1	6.58	-1.90	14.74	-102.64	1935.46	-67.80
114	30	31.20	1659.02	-1.96e-03	-3.68	0.0	7.79	1.79	12.63	-87.98	-907.69	-57.31
		-67.31	-907.69	-0.77	0.0	101.6	5.78	-0.05	12.63	-87.98	375.67	31.20
						203.1	3.76	-1.89	12.63	-87.98	1659.02	-67.31
114	31	31.47	0.25	-2.34e-03	-3.68	0.0	-11.37	1.82	0.01	-0.02	-2.42	-60.02
		-64.06	-2.42	2.58e-04	0.0	101.6	-13.39	-0.02	0.01	-0.02	-1.08	31.47
						203.1	-15.41	-1.86	0.01	-0.02	0.25	-64.06
114	32	31.22	1659.01	-1.97e-03	-3.68	0.0	7.47	1.79	12.64	-87.98	-907.87	-57.31
		-67.26	-907.87	-0.77	0.0	101.6	5.46	-0.05	12.64	-87.98	375.57	31.22
						203.1	3.44	-1.89	12.64	-87.98	1659.01	-67.26
117	3	711.70	1.65	-1.41e-03	-23.21	0.0	20.94	47.90	-0.05	0.79	1.65	-1756.80
		-1756.80	-2.01	-2.41e-06	0.0	34.0	20.94	36.30	-0.05	0.79	-0.18	-325.30
						68.0	20.94	24.70	-0.05	0.79	-2.01	711.70
117	5	543.68	7.36	-8.88e-04	-17.85	0.0	12.03	33.70	-0.03	0.79	7.36	-1141.36
		-1141.36	5.18	-1.28e-06	0.0	34.0	12.03	24.78	-0.03	0.79	6.27	-147.12
						68.0	12.03	15.85	-0.03	0.79	5.18	543.68
117	9	0.69	2729.92	-9.30e-04	-23.21	0.0	262.87	21.94	-143.91	1.904e+04	2729.92	-704.42

		-704.42	-7055.85	-1.63e-03	0.0	34.0	262.87	10.34	-143.91	1.904e+04	-2162.97	-155.77
						68.0	262.87	-1.27	-143.91	1.904e+04	-7055.85	-1.61
117	11	17.27	2724.24	-9.42e-04	-23.21	0.0	265.67	22.46	-143.91	1.904e+04	2724.24	-721.10
		-721.10	-7061.59	-1.64e-03	0.0	34.0	265.67	10.86	-143.91	1.904e+04	-2168.67	-154.71
						68.0	265.67	-0.75	-143.91	1.904e+04	-7061.59	17.18
117	14	24.99	2721.85	-4.38e-04	-17.85	0.0	260.76	9.01	-143.89	1.904e+04	2721.85	-129.48
		-129.48	-7062.61	-1.64e-03	0.0	34.0	260.76	0.08	-143.89	1.904e+04	-2170.38	24.99
						68.0	260.76	-8.84	-143.89	1.904e+04	-7062.61	-123.99
117	15	534.14	7.44	-9.91e-04	-17.85	0.0	12.59	35.16	-0.04	0.78	7.44	-1249.71
		-1249.71	4.94	-1.16e-06	0.0	34.0	12.59	26.23	-0.04	0.78	6.19	-206.06
						68.0	12.59	17.31	-0.04	0.78	4.94	534.14
117	17	552.04	2.04	-1.00e-03	-17.85	0.0	15.26	35.65	-0.04	0.64	2.04	-1265.59
		-1265.59	-0.53	-1.77e-06	0.0	34.0	15.26	26.73	-0.04	0.64	0.76	-205.05
						68.0	15.26	17.80	-0.04	0.64	-0.53	552.04
117	19	76.50	1820.88	-6.83e-04	-17.85	0.0	176.55	18.34	-95.94	1.270e+04	1820.88	-564.01
		-564.01	-4703.08	-1.09e-03	0.0	34.0	176.55	9.42	-95.94	1.270e+04	-1441.10	-92.03
						68.0	176.55	0.49	-95.94	1.270e+04	-4703.08	76.50
117	21	89.03	1817.10	-6.91e-04	-17.85	0.0	178.41	18.69	-95.94	1.270e+04	1817.10	-575.12
		-575.12	-4706.91	-1.09e-03	0.0	34.0	178.41	9.77	-95.94	1.270e+04	-1444.91	-91.32
						68.0	178.41	0.84	-95.94	1.270e+04	-4706.91	89.03
117	22	534.14	7.44	-9.91e-04	-17.85	0.0	12.59	35.16	-0.04	0.78	7.44	-1249.71
		-1249.71	4.94	-1.16e-06	0.0	34.0	12.59	26.23	-0.04	0.78	6.19	-206.06
						68.0	12.59	17.31	-0.04	0.78	4.94	534.14
117	24	543.09	4.74	-9.97e-04	-17.85	0.0	13.93	35.41	-0.04	0.71	4.74	-1257.65
		-1257.65	2.21	-1.18e-06	0.0	34.0	13.93	26.48	-0.04	0.71	3.48	-205.55
						68.0	13.93	17.56	-0.04	0.71	2.21	543.09
117	26	213.79	1276.85	-7.76e-04	-17.85	0.0	127.36	23.39	-67.17	8887.67	1276.85	-769.72
		-769.72	-3290.68	-7.63e-04	0.0	34.0	127.36	14.46	-67.17	8887.67	-1006.91	-126.24
						68.0	127.36	5.54	-67.17	8887.67	-3290.68	213.79
117	28	219.16	1275.23	-7.79e-04	-17.85	0.0	128.16	23.54	-67.17	8887.63	1275.23	-774.48
		-774.48	-3292.32	-7.64e-04	0.0	34.0	128.16	14.61	-67.17	8887.63	-1008.54	-125.93
						68.0	128.16	5.69	-67.17	8887.63	-3292.32	219.16
117	29	534.14	7.44	-9.91e-04	-17.85	0.0	12.59	35.16	-0.04	0.78	7.44	-1249.71
		-1249.71	4.94	-1.16e-06	0.0	34.0	12.59	26.23	-0.04	0.78	6.19	-206.06
						68.0	12.59	17.31	-0.04	0.78	4.94	534.14
117	30	259.56	1095.51	-8.06e-04	-17.85	0.0	110.97	25.07	-57.58	7618.12	1095.51	-838.29
		-838.29	-2819.87	-6.54e-04	0.0	34.0	110.97	16.14	-57.58	7618.12	-862.18	-137.64
						68.0	110.97	7.22	-57.58	7618.12	-2819.87	259.56
117	31	539.51	5.82	-9.95e-04	-17.85	0.0	13.40	35.31	-0.04	0.74	5.82	-1254.47
		-1254.47	3.30	-1.15e-06	0.0	34.0	13.40	26.38	-0.04	0.74	4.56	-205.75
						68.0	13.40	17.46	-0.04	0.74	3.30	539.51
117	32	264.93	1093.89	-8.10e-04	-17.85	0.0	111.77	25.22	-57.58	7618.08	1093.89	-843.05
		-843.05	-2821.51	-6.55e-04	0.0	34.0	111.77	16.29	-57.58	7618.08	-863.81	-137.34
						68.0	111.77	7.37	-57.58	7618.08	-2821.51	264.93
118	3	39.05	0.59	-2.82e-03	-4.79	0.0	5.87	2.43	1.25e-03	-7.42e-03	0.34	-86.70
		-86.70	0.34	8.50e-04	0.0	101.6	8.49	0.04	1.25e-03	-7.42e-03	0.46	39.05
						203.1	11.11	-2.35	1.25e-03	-7.42e-03	0.59	-78.34
118	5	30.48	0.39	-2.25e-03	-3.68	0.0	1.08	1.86	1.43e-03	-0.01	0.10	-65.17
		-65.17	0.10	-8.57e-05	0.0	101.6	3.09	0.02	1.43e-03	-0.01	0.25	30.48
						203.1	5.11	-1.82	1.43e-03	-0.01	0.39	-60.90
118	9	39.18	4590.08	-2.81e-03	-4.79	0.0	1.09	2.45	-21.90	193.97	4590.08	-87.79
		-87.79	141.93	2.34	0.0	101.6	3.71	0.05	-21.90	193.97	2366.00	39.18
						203.1	6.33	-2.34	-21.90	193.97	141.93	-76.98
118	11	39.18	4590.22	-2.82e-03	-4.79	0.0	1.41	2.45	-21.90	193.97	4590.22	-87.87
		-87.87	141.98	2.34	0.0	101.6	4.03	0.05	-21.90	193.97	2366.10	39.18
						203.1	6.65	-2.34	-21.90	193.97	141.98	-76.90
118	12	30.61	4590.05	-2.26e-03	-3.68	0.0	-3.25	1.88	-21.90	193.97	4590.05	-66.37
		-66.37	141.80	2.34	0.0	101.6	-1.23	0.03	-21.90	193.97	2365.93	30.61
						203.1	0.79	-1.81	-21.90	193.97	141.80	-59.43
118	15	30.23	0.40	-2.20e-03	-3.68	0.0	2.82	1.87	1.45e-03	-0.01	0.10	-65.99
		-65.99	0.10	-8.21e-05	0.0	101.6	4.83	0.03	1.45e-03	-0.01	0.25	30.23
						203.1	6.85	-1.81	1.45e-03	-0.01	0.40	-60.58
118	17	30.23	0.44	-2.21e-03	-3.68	0.0	3.13	1.87	1.01e-03	-6.24e-03	0.24	-66.06
		-66.06	0.24	5.53e-04	0.0	101.6	5.15	0.03	1.01e-03	-6.24e-03	0.34	30.23
						203.1	7.16	-1.81	1.01e-03	-6.24e-03	0.44	-60.51
118	19	30.32	3060.07	-2.20e-03	-3.68	0.0	-0.06	1.88	-14.60	129.31	3060.07	-66.79
		-66.79	94.67	1.56	0.0	101.6	1.95	0.04	-14.60	129.31	1577.37	30.32
						203.1	3.97	-1.81	-14.60	129.31	94.67	-59.61
118	21	30.32	3060.16	-2.21e-03	-3.68	0.0	0.15	1.88	-14.60	129.31	3060.16	-66.84
		-66.84	94.70	1.56	0.0	101.6	2.17	0.04	-14.60	129.31	1577.43	30.32
						203.1	4.19	-1.81	-14.60	129.31	94.70	-59.56

118	22	30.23	0.40	-2.20e-03	-3.68	0.0	2.82	1.87	1.45e-03	-0.01	0.10	-65.99
		-65.99	0.10	-8.21e-05	0.0	101.6	4.83	0.03	1.45e-03	-0.01	0.25	30.23
						203.1	6.85	-1.81	1.45e-03	-0.01	0.40	-60.58
118	24	30.23	0.42	-2.21e-03	-3.68	0.0	2.97	1.87	1.23e-03	-8.20e-03	0.17	-66.02
		-66.02	0.17	2.41e-04	0.0	101.6	4.99	0.03	1.23e-03	-8.20e-03	0.29	30.23
						203.1	7.01	-1.81	1.23e-03	-8.20e-03	0.42	-60.55
118	26	30.29	2142.08	-2.20e-03	-3.68	0.0	0.80	1.87	-10.22	90.52	2142.08	-66.55
		-66.55	66.39	1.09	0.0	101.6	2.82	0.03	-10.22	90.52	1104.23	30.29
						203.1	4.83	-1.81	-10.22	90.52	66.39	-59.90
118	28	30.29	2142.12	-2.21e-03	-3.68	0.0	0.89	1.87	-10.22	90.52	2142.12	-66.57
		-66.57	66.40	1.09	0.0	101.6	2.91	0.03	-10.22	90.52	1104.26	30.29
						203.1	4.93	-1.81	-10.22	90.52	66.40	-59.88
118	29	30.23	0.40	-2.20e-03	-3.68	0.0	2.82	1.87	1.45e-03	-0.01	0.10	-65.99
		-65.99	0.10	-8.21e-05	0.0	101.6	4.83	0.03	1.45e-03	-0.01	0.25	30.23
						203.1	6.85	-1.81	1.45e-03	-0.01	0.40	-60.58
118	30	30.28	1836.08	-2.20e-03	-3.68	0.0	1.09	1.87	-8.76	77.58	1836.08	-66.47
		-66.47	56.96	0.94	0.0	101.6	3.11	0.03	-8.76	77.58	946.52	30.28
						203.1	5.12	-1.81	-8.76	77.58	56.96	-60.00
118	31	30.23	0.41	-2.20e-03	-3.68	0.0	2.91	1.87	1.32e-03	-8.99e-03	0.14	-66.01
		-66.01	0.14	1.16e-04	0.0	101.6	4.93	0.03	1.32e-03	-8.99e-03	0.28	30.23
						203.1	6.94	-1.81	1.32e-03	-8.99e-03	0.41	-60.56
118	32	30.28	1836.12	-2.21e-03	-3.68	0.0	1.18	1.87	-8.76	77.58	1836.12	-66.49
		-66.49	56.97	0.94	0.0	101.6	3.20	0.03	-8.76	77.58	946.55	30.28
						203.1	5.22	-1.81	-8.76	77.58	56.97	-59.98
120	7	106.83	-7.80	-2.94e-03	-9.68	0.0	43.77	3.28	0.07	-1.06	-18.24	18.61
		-231.29	-18.24	1.38e-03	0.0	80.0	43.77	-1.56	0.07	-1.06	-13.02	87.19
						160.0	43.77	-6.40	0.07	-1.06	-7.80	-231.29
120	9	431.12	7023.91	-2.33e-03	-12.58	0.0	422.43	-1.31	394.51	-692.84	-2.730e+04	431.12
		-784.83	-2.730e+04	-0.57	-360.00	80.0	422.43	-7.60	214.51	-692.84	-2936.86	74.74
						160.0	422.43	-13.89	34.51	-692.84	7023.91	-784.83
120	11	435.42	7018.05	-2.54e-03	-12.58	0.0	416.66	-1.35	394.46	-692.39	-2.730e+04	435.42
		-786.48	-2.730e+04	-0.57	-360.00	80.0	416.66	-7.64	214.46	-692.39	-2939.14	76.07
						160.0	416.66	-13.93	34.46	-692.39	7018.05	-786.48
120	17	105.69	-4.69	-2.65e-03	-9.68	0.0	46.58	3.29	0.09	-1.30	-19.20	16.62
		-230.58	-19.20	1.01e-03	0.0	80.0	46.58	-1.54	0.09	-1.30	-11.95	86.56
						160.0	46.58	-6.38	0.09	-1.30	-4.69	-230.58
120	19	289.04	4682.51	-1.79e-03	-9.68	0.0	288.53	-0.43	263.02	-462.10	-1.820e+04	289.04
		-553.70	-1.820e+04	-0.38	-240.00	80.0	288.53	-5.27	143.02	-462.10	-1959.19	61.21
						160.0	288.53	-10.11	23.02	-462.10	4682.51	-553.70
120	21	291.91	4678.61	-1.96e-03	-9.68	0.0	284.68	-0.45	262.99	-461.81	-1.820e+04	291.91
		-554.80	-1.820e+04	-0.38	-240.00	80.0	284.68	-5.29	142.99	-461.81	-1960.72	62.09
						160.0	284.68	-10.13	22.99	-461.81	4678.61	-554.80
120	24	104.53	-1.90	-2.36e-03	-9.68	0.0	49.33	3.31	0.11	-1.51	-19.81	14.57
		-229.79	-19.81	6.59e-04	0.0	80.0	49.33	-1.53	0.11	-1.51	-10.86	85.93
						160.0	49.33	-6.37	0.11	-1.51	-1.90	-229.79
120	26	210.05	3278.03	-1.82e-03	-9.68	0.0	217.59	0.70	184.15	-323.99	-1.275e+04	206.08
		-456.29	-1.275e+04	-0.26	-168.00	80.0	217.59	-4.14	100.15	-323.99	-1374.37	68.43
						160.0	217.59	-8.98	16.15	-323.99	3278.03	-456.29
120	28	211.17	3276.35	-1.89e-03	-9.68	0.0	215.94	0.69	184.14	-323.86	-1.275e+04	207.31
		-456.76	-1.275e+04	-0.26	-168.00	80.0	215.94	-4.15	100.14	-323.86	-1375.02	68.81
						160.0	215.94	-8.99	16.14	-323.86	3276.35	-456.76
120	30	187.82	2809.86	-1.84e-03	-9.68	0.0	193.95	1.07	157.87	-277.95	-1.093e+04	178.43
		-423.82	-1.093e+04	-0.23	-144.00	80.0	193.95	-3.76	85.87	-277.95	-1179.42	70.84
						160.0	193.95	-8.60	13.87	-277.95	2809.86	-423.82
120	31	104.06	-0.78	-2.27e-03	-9.68	0.0	50.43	3.32	0.12	-1.59	-20.06	13.75
		-229.47	-20.06	5.20e-04	0.0	80.0	50.43	-1.52	0.12	-1.59	-10.42	85.67
						160.0	50.43	-6.36	0.12	-1.59	-0.78	-229.47
120	32	188.84	2808.19	-1.93e-03	-9.68	0.0	192.30	1.06	157.85	-277.82	-1.093e+04	179.66
		-424.29	-1.093e+04	-0.23	-144.00	80.0	192.30	-3.77	85.85	-277.82	-1180.08	71.22
						160.0	192.30	-8.61	13.85	-277.82	2808.19	-424.29
121	7	62.72	-0.61	-5.35e-03	-9.07	0.0	41.51	5.27	0.02	0.24	-3.87	-166.86
		-166.86	-3.87	4.22e-04	0.0	75.0	41.51	0.74	0.02	0.24	-2.24	58.47
						150.0	41.51	-3.80	0.02	0.24	-0.61	-56.40
121	9	120.16	5880.78	-0.01	-11.79	0.0	214.46	2.40	172.05	-316.48	-694.97	83.64
		-440.29	-694.97	-0.25	-337.50	75.0	214.46	-3.49	3.30	-316.48	5880.78	42.81
						150.0	214.46	-9.39	-165.45	-316.48	-199.72	-440.29
121	11	130.19	5879.18	-0.01	-11.79	0.0	208.19	2.19	172.05	-316.13	-696.39	99.72
		-456.43	-696.39	-0.25	-337.50	75.0	208.19	-3.71	3.30	-316.13	5879.18	42.78
						150.0	208.19	-9.60	-165.45	-316.13	-201.50	-456.43
121	14	158.94	5879.07	-0.01	-9.07	0.0	192.98	0.51	172.04	-316.02	-695.92	156.77
		-446.47	-695.92	-0.25	-337.50	75.0	192.98	-4.02	3.29	-316.02	5879.07	25.25

						150.0	192.98	-8.56	-165.46	-316.02	-202.20	-446.47
121	17	63.68	0.29	-5.26e-03	-9.07	0.0	44.53	5.38	0.02	0.06	-3.16	-174.56
		-174.56	-3.16	2.37e-04	0.0	75.0	44.53	0.84	0.02	0.06	-1.44	58.47
						150.0	44.53	-3.70	0.02	0.06	0.29	-48.69
121	19	75.94	3920.50	-9.05e-03	-9.07	0.0	149.69	2.35	114.70	-211.01	-463.57	30.47
		-297.98	-463.57	-0.17	-225.00	75.0	149.69	-2.19	2.20	-211.01	3920.50	36.35
						150.0	149.69	-6.73	-110.30	-211.01	-132.92	-297.98
121	21	81.29	3919.44	-9.19e-03	-9.07	0.0	145.50	2.20	114.70	-210.78	-464.52	41.19
		-308.74	-464.52	-0.17	-225.00	75.0	145.50	-2.33	2.20	-210.78	3919.44	36.33
						150.0	145.50	-6.87	-110.30	-210.78	-134.10	-308.74
121	22	67.44	1.97	-5.07e-03	-9.07	0.0	50.50	5.58	0.03	-0.27	-1.80	-189.87
		-189.87	-1.80	-1.14e-04	0.0	75.0	50.50	1.04	0.03	-0.27	0.09	58.50
						150.0	50.50	-3.49	0.03	-0.27	1.97	-33.32
121	24	65.51	1.13	-5.16e-03	-9.07	0.0	47.51	5.48	0.02	-0.11	-2.48	-182.22
		-182.22	-2.48	6.15e-05	0.0	75.0	47.51	0.94	0.02	-0.11	-0.67	58.49
						150.0	47.51	-3.59	0.02	-0.11	1.13	-41.01
121	26	55.23	2744.38	-7.86e-03	-9.07	0.0	119.93	3.32	80.30	-147.79	-325.04	-35.63
		-218.58	-325.04	-0.12	-157.50	75.0	119.93	-1.22	1.55	-147.79	2744.38	42.99
						150.0	119.93	-5.76	-77.20	-147.79	-92.45	-218.58
121	28	56.37	2743.92	-7.92e-03	-9.07	0.0	118.14	3.25	80.30	-147.69	-325.45	-31.04
		-223.20	-325.45	-0.12	-157.50	75.0	118.14	-1.28	1.55	-147.69	2743.92	42.98
						150.0	118.14	-5.82	-77.20	-147.69	-92.96	-223.20
121	29	67.44	1.97	-5.07e-03	-9.07	0.0	50.50	5.58	0.03	-0.27	-1.80	-189.87
		-189.87	-1.80	-1.14e-04	0.0	75.0	50.50	1.04	0.03	-0.27	0.09	58.50
						150.0	50.50	-3.49	0.03	-0.27	1.97	-33.32
121	30	51.38	2352.34	-7.46e-03	-9.07	0.0	110.01	3.64	68.83	-126.72	-278.86	-57.66
		-192.12	-278.86	-0.10	-135.00	75.0	110.01	-0.90	1.33	-126.72	2352.34	45.21
						150.0	110.01	-5.43	-66.17	-126.72	-78.96	-192.12
121	31	66.28	1.47	-5.12e-03	-9.07	0.0	48.71	5.52	0.02	-0.17	-2.21	-185.28
		-185.28	-2.21	-8.79e-06	0.0	75.0	48.71	0.98	0.02	-0.17	-0.37	58.49
						150.0	48.71	-3.55	0.02	-0.17	1.47	-37.93
121	32	52.53	2351.88	-7.52e-03	-9.07	0.0	108.22	3.58	68.83	-126.62	-279.27	-53.07
		-196.73	-279.27	-0.10	-135.00	75.0	108.22	-0.96	1.33	-126.62	2351.88	45.20
						150.0	108.22	-5.49	-66.17	-126.62	-79.47	-196.73
122	1	85.03	15.98	-7.07e-03	-8.39	0.0	-89.25	3.92	-0.09	-0.97	15.98	-114.93
		-175.20	-3.22	-5.93e-04	0.0	109.7	-93.19	-0.27	-0.09	-0.97	6.38	84.85
						219.3	-97.12	-4.47	-0.09	-0.97	-3.22	-175.20
122	11	209.46	1075.81	-0.02	-8.39	0.0	31.91	5.60	14.55	-41.53	-2116.06	-199.49
		-199.49	-2116.06	0.03	0.0	109.7	27.98	1.40	14.55	-41.53	-520.12	184.14
						219.3	24.05	-2.79	14.55	-41.53	1075.81	107.95
122	12	194.95	1082.87	-0.01	-6.45	0.0	44.38	4.63	14.60	-41.33	-2118.07	-169.42
		-169.42	-2118.07	0.03	0.0	109.7	41.36	1.41	14.60	-41.33	-517.60	161.89
						219.3	38.34	-1.82	14.60	-41.33	1082.87	139.50
122	14	200.70	1076.15	-0.01	-6.45	0.0	52.64	4.69	14.57	-41.29	-2120.01	-172.99
		-172.99	-2120.01	0.03	0.0	109.7	49.61	1.47	14.57	-41.29	-521.93	164.56
						219.3	46.59	-1.76	14.57	-41.29	1076.15	148.40
122	15	65.40	12.18	-5.44e-03	-6.45	0.0	-68.60	3.01	-0.07	-0.74	12.18	-88.41
		-134.76	-2.65	-4.37e-04	0.0	109.7	-71.62	-0.21	-0.07	-0.74	4.76	65.27
						219.3	-74.65	-3.44	-0.07	-0.74	-2.65	-134.76
122	19	142.44	721.18	-0.01	-6.45	0.0	6.67	4.09	9.71	-27.81	-1407.89	-142.41
		-142.41	-1407.89	0.02	0.0	109.7	3.65	0.87	9.71	-27.81	-343.35	129.69
						219.3	0.63	-2.36	9.71	-27.81	721.18	48.07
122	21	145.26	716.70	-0.01	-6.45	0.0	12.18	4.13	9.69	-27.78	-1409.18	-144.79
		-144.79	-1409.18	0.02	0.0	109.7	9.15	0.91	9.69	-27.78	-346.24	131.47
						219.3	6.13	-2.32	9.69	-27.78	716.70	54.01
122	22	65.40	12.18	-5.44e-03	-6.45	0.0	-68.60	3.01	-0.07	-0.74	12.18	-88.41
		-134.76	-2.65	-4.37e-04	0.0	109.7	-71.62	-0.21	-0.07	-0.74	4.76	65.27
						219.3	-74.65	-3.44	-0.07	-0.74	-2.65	-134.76
122	26	115.06	504.03	-9.36e-03	-6.45	0.0	-15.91	3.77	6.78	-19.69	-981.87	-126.21
		-126.21	-981.87	0.01	0.0	109.7	-18.93	0.54	6.78	-19.69	-238.92	110.36
						219.3	-21.96	-2.68	6.78	-19.69	504.03	-6.78
122	28	116.05	502.11	-9.58e-03	-6.45	0.0	-13.55	3.79	6.77	-19.67	-982.42	-127.23
		-127.23	-982.42	0.01	0.0	109.7	-16.57	0.56	6.77	-19.67	-240.15	111.12
						219.3	-19.60	-2.66	6.77	-19.67	502.11	-4.23
122	29	65.40	12.18	-5.44e-03	-6.45	0.0	-68.60	3.01	-0.07	-0.74	12.18	-88.41
		-134.76	-2.65	-4.37e-04	0.0	109.7	-71.62	-0.21	-0.07	-0.74	4.76	65.27
						219.3	-74.65	-3.44	-0.07	-0.74	-2.65	-134.76
122	30	107.14	431.65	-8.79e-03	-6.45	0.0	-23.44	3.66	5.80	-16.98	-839.86	-120.81
		-120.81	-839.86	0.01	0.0	109.7	-26.46	0.44	5.80	-16.98	-204.11	103.92
						219.3	-29.48	-2.79	5.80	-16.98	431.65	-25.06
122	32	108.13	429.73	-9.01e-03	-6.45	0.0	-21.08	3.68	5.79	-16.97	-840.42	-121.83

		-121.83	-840.42	0.01	0.0	109.7	-24.10	0.45	5.79	-16.97	-205.34	104.68
						219.3	-27.13	-2.77	5.79	-16.97	429.73	-22.52
123	1	70.03	2.23	-6.28e-03	-8.39	0.0	72.77	4.26	-0.01	0.17	2.23	-167.25
		-167.25	-0.08	1.05e-03	0.0	109.7	76.71	0.07	-0.01	0.17	1.07	70.03
						219.3	80.64	-4.13	-0.01	0.17	-0.08	-152.52
123	3	67.85	6.63	-6.78e-03	-8.39	0.0	60.04	4.32	-0.02	0.19	6.63	-175.44
		-175.44	1.87	2.34e-03	0.0	109.7	63.97	0.12	-0.02	0.19	4.25	67.85
						219.3	67.90	-4.07	-0.02	0.19	1.87	-148.70
123	9	273.34	-2095.62	0.03	-8.39	0.0	-22.66	10.77	-12.30	-69.58	-2095.62	-1168.78
		-1168.78	-4794.21	-0.57	0.0	109.7	-18.73	6.58	-12.30	-69.58	-3444.92	-217.80
						219.3	-14.79	2.38	-12.30	-69.58	-4794.21	273.34
123	11	276.02	-2092.54	0.03	-8.39	0.0	-31.57	10.81	-12.31	-69.57	-2092.54	-1174.51
		-1174.51	-4792.84	-0.57	0.0	109.7	-27.64	6.61	-12.31	-69.57	-3442.69	-219.33
						219.3	-23.71	2.42	-12.31	-69.57	-4792.84	276.02
123	14	311.20	-2093.58	0.03	-6.45	0.0	-48.38	9.82	-12.31	-69.62	-2093.58	-1135.90
		-1135.90	-4792.44	-0.57	0.0	109.7	-45.35	6.60	-12.31	-69.62	-3443.01	-235.49
						219.3	-42.33	3.37	-12.31	-69.62	-4792.44	311.20
123	15	53.87	1.49	-4.83e-03	-6.45	0.0	55.98	3.28	-6.34e-03	0.13	1.49	-128.65
		-128.65	0.10	7.98e-04	0.0	109.7	59.00	0.05	-6.34e-03	0.13	0.80	53.87
						219.3	62.02	-3.17	-6.34e-03	0.13	0.10	-117.33
123	17	52.41	4.42	-5.16e-03	-6.45	0.0	47.49	3.31	-0.01	0.14	4.42	-134.11
		-134.11	1.41	1.65e-03	0.0	109.7	50.51	0.09	-0.01	0.14	2.91	52.41
						219.3	53.53	-3.14	-0.01	0.14	1.41	-114.78
123	19	166.58	-1397.08	0.02	-6.45	0.0	-7.65	7.62	-8.20	-46.37	-1397.08	-796.33
		-796.33	-3195.98	-0.38	0.0	109.7	-4.62	4.39	-8.20	-46.37	-2296.53	-138.02
						219.3	-1.60	1.16	-8.20	-46.37	-3195.98	166.58
123	21	168.36	-1395.03	0.02	-6.45	0.0	-13.59	7.64	-8.21	-46.37	-1395.03	-800.15
		-800.15	-3195.07	-0.38	0.0	109.7	-10.56	4.42	-8.21	-46.37	-2295.05	-139.04
						219.3	-7.54	1.19	-8.21	-46.37	-3195.07	168.36
123	22	53.87	1.49	-4.83e-03	-6.45	0.0	55.98	3.28	-6.34e-03	0.13	1.49	-128.65
		-128.65	0.10	7.98e-04	0.0	109.7	59.00	0.05	-6.34e-03	0.13	0.80	53.87
						219.3	62.02	-3.17	-6.34e-03	0.13	0.10	-117.33
123	24	53.14	2.96	-4.99e-03	-6.45	0.0	51.73	3.30	-0.01	0.13	2.96	-131.38
		-131.38	0.75	1.23e-03	0.0	109.7	54.75	0.07	-0.01	0.13	1.85	53.14
						219.3	57.78	-3.16	-0.01	0.13	0.75	-116.05
123	26	81.41	-977.51	0.01	-6.45	0.0	11.44	6.31	-5.74	-32.42	-977.51	-596.03
		-596.03	-2237.16	-0.27	0.0	109.7	14.47	3.09	-5.74	-32.42	-1607.33	-80.45
						219.3	17.49	-0.14	-5.74	-32.42	-2237.16	81.41
123	28	82.17	-976.63	0.01	-6.45	0.0	8.89	6.33	-5.75	-32.42	-976.63	-597.66
		-597.66	-2236.76	-0.27	0.0	109.7	11.92	3.10	-5.75	-32.42	-1606.70	-80.89
						219.3	14.94	-0.13	-5.75	-32.42	-2236.76	82.17
123	29	53.87	1.49	-4.83e-03	-6.45	0.0	55.98	3.28	-6.34e-03	0.13	1.49	-128.65
		-128.65	0.10	7.98e-04	0.0	109.7	59.00	0.05	-6.34e-03	0.13	0.80	53.87
						219.3	62.02	-3.17	-6.34e-03	0.13	0.10	-117.33
123	30	58.08	-837.65	0.01	-6.45	0.0	17.80	5.88	-4.92	-27.77	-837.65	-529.26
		-529.26	-1917.55	-0.23	0.0	109.7	20.83	2.65	-4.92	-27.77	-1377.60	-61.26
						219.3	23.85	-0.57	-4.92	-27.77	-1917.55	53.02
123	31	53.43	2.37	-4.92e-03	-6.45	0.0	53.43	3.29	-8.56e-03	0.13	2.37	-130.28
		-130.28	0.49	1.05e-03	0.0	109.7	56.45	0.06	-8.56e-03	0.13	1.43	53.43
						219.3	59.48	-3.16	-8.56e-03	0.13	0.49	-116.56
123	32	58.69	-836.77	0.01	-6.45	0.0	15.26	5.89	-4.93	-27.77	-836.77	-530.89
		-530.89	-1917.16	-0.23	0.0	109.7	18.28	2.67	-4.93	-27.77	-1376.96	-61.70
						219.3	21.30	-0.56	-4.93	-27.77	-1917.16	53.78
124	7	72.17	-2.64	-8.74e-03	-6.05	0.0	55.69	3.50	-3.88e-06	-0.05	-2.64	-142.51
		-142.51	-2.64	-1.95e-03	0.0	106.1	52.66	0.48	-3.88e-06	-0.05	-2.64	68.37
						212.1	49.64	-2.55	-3.88e-06	-0.05	-2.64	-41.50
124	9	285.39	5225.71	-0.03	-7.86	0.0	303.20	6.61	-57.83	227.30	5225.71	-304.08
		-304.08	-7041.91	0.57	0.0	106.1	299.27	2.68	-57.83	227.30	-908.10	188.97
						212.1	295.34	-1.25	-57.83	227.30	-7041.91	265.06
124	11	293.29	5221.35	-0.03	-7.86	0.0	295.24	6.68	-57.81	227.33	5221.35	-307.30
		-307.30	-7042.53	0.57	0.0	106.1	291.31	2.74	-57.81	227.33	-910.59	192.26
						212.1	287.38	-1.19	-57.81	227.33	-7042.53	274.85
124	14	294.23	5219.92	-0.02	-6.05	0.0	275.03	5.65	-57.80	227.35	5219.92	-265.91
		-265.91	-7042.04	0.57	0.0	106.1	272.00	2.63	-57.80	227.35	-911.06	173.16
						212.1	268.98	-0.40	-57.80	227.35	-7042.04	291.48
124	17	70.22	-0.41	-8.46e-03	-6.05	0.0	59.52	3.47	-9.06e-03	-0.06	-0.41	-140.99
		-140.99	-2.33	-1.54e-03	0.0	106.1	56.50	0.45	-9.06e-03	-0.06	-1.37	66.80
						212.1	53.47	-2.58	-9.06e-03	-0.06	-2.33	-46.16
124	19	193.83	3484.21	-0.02	-6.05	0.0	211.05	4.86	-38.56	151.52	3484.21	-221.11
		-221.11	-4694.84	0.38	0.0	106.1	208.03	1.84	-38.56	151.52	-605.32	134.47
						212.1	205.00	-1.18	-38.56	151.52	-4694.84	169.30

124	21	198.73	3481.30	-0.02	-6.05	0.0	205.75	4.91	-38.54	151.54	3481.30	-223.25
		-223.25	-4695.26	0.38	0.0	106.1	202.72	1.88	-38.54	151.54	-606.98	136.66
						212.1	199.70	-1.14	-38.54	151.54	-4695.26	175.83
124	24	68.27	1.67	-8.17e-03	-6.05	0.0	63.31	3.44	-0.02	-0.07	1.67	-139.45
		-139.45	-2.03	-1.13e-03	0.0	106.1	60.28	0.42	-0.02	-0.07	-0.18	65.23
						212.1	57.26	-2.61	-0.02	-0.07	-2.03	-50.82
124	26	147.64	2440.07	-0.02	-6.05	0.0	167.86	4.43	-27.00	106.04	2440.07	-196.15
		-196.15	-3286.91	0.27	0.0	106.1	164.84	1.40	-27.00	106.04	-423.42	113.23
						212.1	161.82	-1.62	-27.00	106.04	-3286.91	101.87
124	28	149.51	2438.82	-0.02	-6.05	0.0	165.59	4.45	-26.99	106.05	2438.82	-197.07
		-197.07	-3287.09	0.27	0.0	106.1	162.57	1.42	-26.99	106.05	-424.13	114.17
						212.1	159.54	-1.60	-26.99	106.05	-3287.09	104.67
124	30	133.70	2092.02	-0.01	-6.05	0.0	153.47	4.28	-23.14	90.88	2092.02	-187.83
		-187.83	-2817.60	0.23	0.0	106.1	150.44	1.26	-23.14	90.88	-362.79	106.15
						212.1	147.42	-1.76	-23.14	90.88	-2817.60	79.39
124	31	67.49	2.50	-8.06e-03	-6.05	0.0	64.82	3.43	-0.02	-0.08	2.50	-138.84
		-138.84	-1.91	-9.62e-04	0.0	106.1	61.80	0.41	-0.02	-0.08	0.29	64.61
						212.1	58.78	-2.62	-0.02	-0.08	-1.91	-52.69
124	32	135.34	2090.77	-0.01	-6.05	0.0	151.20	4.30	-23.14	90.89	2090.77	-188.75
		-188.75	-2817.78	0.23	0.0	106.1	148.17	1.28	-23.14	90.89	-363.50	107.09
						212.1	145.15	-1.75	-23.14	90.89	-2817.78	82.19
135	5	194.24	0.29	-1.73e-03	-20.56	0.0	0.04	10.34	-7.13e-03	0.86	0.29	-391.29
		-391.29	-1.31	9.45e-05	0.0	112.5	0.04	0.06	-7.13e-03	0.86	-0.51	194.24
						225.0	0.04	-10.21	-7.13e-03	0.86	-1.31	-376.69
135	9	266.65	583.60	-4.22e-03	-26.73	0.0	2.28	14.60	3.32	-97.24	-163.37	-629.70
		-629.70	-163.37	-0.02	0.0	112.5	2.28	1.24	3.32	-97.24	210.12	261.01
						225.0	2.28	-12.13	3.32	-97.24	583.60	-351.66
135	11	266.37	584.11	-4.22e-03	-26.73	0.0	2.38	14.58	3.32	-97.04	-163.39	-627.33
		-627.33	-163.39	-0.02	0.0	112.5	2.38	1.21	3.32	-97.04	210.36	261.03
						225.0	2.38	-12.15	3.32	-97.04	584.11	-353.99
135	14	210.54	584.50	-3.78e-03	-20.56	0.0	2.37	11.47	3.32	-97.30	-163.48	-509.95
		-509.95	-163.48	-0.02	0.0	112.5	2.37	1.20	3.32	-97.30	210.51	202.76
						225.0	2.37	-9.08	3.32	-97.30	584.50	-240.98
135	15	194.24	0.29	-1.73e-03	-20.56	0.0	0.04	10.34	-7.13e-03	0.86	0.29	-391.29
		-391.29	-1.31	9.45e-05	0.0	112.5	0.04	0.06	-7.13e-03	0.86	-0.51	194.24
						225.0	0.04	-10.21	-7.13e-03	0.86	-1.31	-376.69
135	19	202.58	388.90	-3.03e-03	-20.56	0.0	1.52	11.11	2.21	-64.71	-108.88	-471.97
		-471.97	-108.88	-0.01	0.0	112.5	1.52	0.83	2.21	-64.71	140.01	199.91
						225.0	1.52	-9.45	2.21	-64.71	388.90	-284.66
135	21	202.40	389.23	-3.02e-03	-20.56	0.0	1.59	11.10	2.21	-64.58	-108.89	-470.40
		-470.40	-108.89	-0.01	0.0	112.5	1.59	0.82	2.21	-64.58	140.17	199.92
						225.0	1.59	-9.46	2.21	-64.58	389.23	-286.22
135	22	194.24	0.29	-1.73e-03	-20.56	0.0	0.04	10.34	-7.13e-03	0.86	0.29	-391.29
		-391.29	-1.31	9.45e-05	0.0	112.5	0.04	0.06	-7.13e-03	0.86	-0.51	194.24
						225.0	0.04	-10.21	-7.13e-03	0.86	-1.31	-376.69
135	26	198.21	271.83	-2.59e-03	-20.56	0.0	1.08	10.88	1.55	-45.04	-76.12	-447.77
		-447.77	-76.12	-8.04e-03	0.0	112.5	1.08	0.60	1.55	-45.04	97.85	198.21
						225.0	1.08	-9.68	1.55	-45.04	271.83	-312.27
135	28	198.21	271.98	-2.59e-03	-20.56	0.0	1.11	10.88	1.55	-44.98	-76.13	-447.09
		-447.09	-76.13	-8.04e-03	0.0	112.5	1.11	0.60	1.55	-44.98	97.92	198.21
						225.0	1.11	-9.68	1.55	-44.98	271.98	-312.94
135	29	194.24	0.29	-1.73e-03	-20.56	0.0	0.04	10.34	-7.13e-03	0.86	0.29	-391.29
		-391.29	-1.31	9.45e-05	0.0	112.5	0.04	0.06	-7.13e-03	0.86	-0.51	194.24
						225.0	0.04	-10.21	-7.13e-03	0.86	-1.31	-376.69
135	30	197.64	232.81	-2.46e-03	-20.56	0.0	0.93	10.81	1.32	-38.48	-65.21	-439.70
		-439.70	-65.21	-6.88e-03	0.0	112.5	0.93	0.53	1.32	-38.48	83.80	197.64
						225.0	0.93	-9.75	1.32	-38.48	232.81	-321.47
135	32	197.64	232.96	-2.46e-03	-20.56	0.0	0.96	10.80	1.33	-38.42	-65.21	-439.02
		-439.02	-65.21	-6.88e-03	0.0	112.5	0.96	0.52	1.33	-38.42	83.87	197.64
						225.0	0.96	-9.76	1.33	-38.42	232.96	-322.14
136	1	252.36	0.17	-1.79e-03	-26.73	0.0	-0.29	13.19	8.32e-03	-0.15	-1.70	-479.44
		-519.24	-1.70	-1.50e-05	0.0	112.5	-0.29	-0.18	8.32e-03	-0.15	-0.77	252.36
						225.0	-0.29	-13.54	8.32e-03	-0.15	0.17	-519.24
136	11	261.83	584.11	3.12e-03	-26.73	0.0	1.77	12.52	-3.36	183.34	584.11	-395.21
		-584.72	-172.30	0.03	0.0	112.5	1.77	-0.84	-3.36	183.34	205.90	261.73
						225.0	1.77	-14.21	-3.36	183.34	-172.30	-584.72
136	12	205.37	584.00	2.99e-03	-20.56	0.0	1.71	9.50	-3.36	182.72	584.00	-287.54
		-461.90	-172.39	0.03	0.0	112.5	1.71	-0.77	-3.36	182.72	205.81	203.51
						225.0	1.71	-11.05	-3.36	182.72	-172.39	-461.90
136	14	205.73	584.50	3.01e-03	-20.56	0.0	1.84	9.48	-3.36	183.37	584.50	-284.57
		-464.89	-172.34	0.03	0.0	112.5	1.84	-0.80	-3.36	183.37	206.08	203.50

						225.0	1.84	-11.08	-3.36	183.37	-172.34	-464.89
136	15	194.12	0.13	-1.38e-03	-20.56	0.0	-0.23	10.14	6.40e-03	-0.12	-1.31	-368.80
		-399.41	-1.31	-1.15e-05	0.0	112.5	-0.23	-0.14	6.40e-03	-0.12	-0.59	194.12
						225.0	-0.23	-10.42	6.40e-03	-0.12	0.13	-399.41
136	19	200.38	388.90	2.11e-03	-20.56	0.0	1.06	9.72	-2.24	121.78	388.90	-314.62
		-441.07	-114.88	0.02	0.0	112.5	1.06	-0.56	-2.24	121.78	137.01	200.38
						225.0	1.06	-10.84	-2.24	121.78	-114.88	-441.07
136	21	200.37	389.23	2.13e-03	-20.56	0.0	1.15	9.70	-2.24	122.21	389.23	-312.65
		-443.06	-114.85	0.02	0.0	112.5	1.15	-0.58	-2.24	122.21	137.19	200.37
						225.0	1.15	-10.86	-2.24	122.21	-114.85	-443.06
136	22	194.12	0.13	-1.38e-03	-20.56	0.0	-0.23	10.14	6.40e-03	-0.12	-1.31	-368.80
		-399.41	-1.31	-1.15e-05	0.0	112.5	-0.23	-0.14	6.40e-03	-0.12	-0.59	194.12
						225.0	-0.23	-10.42	6.40e-03	-0.12	0.13	-399.41
136	26	198.50	271.84	1.59e-03	-20.56	0.0	0.68	9.85	-1.57	85.21	271.84	-330.88
		-428.57	-80.38	0.01	0.0	112.5	0.68	-0.43	-1.57	85.21	95.73	198.50
						225.0	0.68	-10.71	-1.57	85.21	-80.38	-428.57
136	28	198.50	271.98	1.60e-03	-20.56	0.0	0.71	9.84	-1.57	85.39	271.98	-330.03
		-429.43	-80.37	0.01	0.0	112.5	0.71	-0.44	-1.57	85.39	95.81	198.50
						225.0	0.71	-10.72	-1.57	85.39	-80.37	-429.43
136	29	194.12	0.13	-1.38e-03	-20.56	0.0	-0.23	10.14	6.40e-03	-0.12	-1.31	-368.80
		-399.41	-1.31	-1.15e-05	0.0	112.5	-0.23	-0.14	6.40e-03	-0.12	-0.59	194.12
						225.0	-0.23	-10.42	6.40e-03	-0.12	0.13	-399.41
136	30	197.87	232.81	1.42e-03	-20.56	0.0	0.55	9.89	-1.34	73.02	232.81	-336.30
		-424.41	-68.88	0.01	0.0	112.5	0.55	-0.39	-1.34	73.02	81.97	197.87
						225.0	0.55	-10.67	-1.34	73.02	-68.88	-424.41
136	32	197.87	232.96	1.42e-03	-20.56	0.0	0.58	9.88	-1.34	73.20	232.96	-335.45
		-425.26	-68.86	0.01	0.0	112.5	0.58	-0.40	-1.34	73.20	82.05	197.87
						225.0	0.58	-10.68	-1.34	73.20	-68.86	-425.26
137	1	249.97	0.17	-1.75e-03	-26.73	0.0	-0.28	13.22	-1.94e-03	-0.36	0.17	-485.32
		-518.12	-0.27	-4.35e-05	0.0	112.5	-0.28	-0.15	-1.94e-03	-0.36	-0.05	249.97
						225.0	-0.28	-13.51	-1.94e-03	-0.36	-0.27	-518.12
137	3	249.74	0.24	-1.74e-03	-26.73	0.0	-0.05	13.18	-1.13e-03	0.84	0.24	-481.11
		-522.81	-0.02	6.84e-05	0.0	112.5	-0.05	-0.19	-1.13e-03	0.84	0.11	249.74
						225.0	-0.05	-13.55	-1.13e-03	0.84	-0.02	-522.81
137	9	245.00	-172.08	3.21e-03	-26.73	0.0	2.52	12.65	-0.26	169.31	-172.08	-426.95
		-586.43	-231.29	0.02	0.0	112.5	2.52	-0.71	-0.26	169.31	-201.68	245.00
						225.0	2.52	-14.07	-0.26	169.31	-231.29	-586.43
137	11	244.84	-172.03	3.22e-03	-26.73	0.0	2.67	12.63	-0.26	170.15	-172.03	-424.01
		-589.71	-231.11	0.02	0.0	112.5	2.67	-0.74	-0.26	170.15	-201.57	244.84
						225.0	2.67	-14.10	-0.26	170.15	-231.11	-589.71
137	14	188.00	-172.07	3.11e-03	-20.56	0.0	2.74	9.58	-0.26	170.23	-172.07	-312.01
		-470.14	-231.06	0.02	0.0	112.5	2.74	-0.70	-0.26	170.23	-201.56	187.15
						225.0	2.74	-10.98	-0.26	170.23	-231.06	-470.14
137	15	192.29	0.13	-1.35e-03	-20.56	0.0	-0.21	10.17	-1.49e-03	-0.28	0.13	-373.32
		-398.56	-0.21	-3.35e-05	0.0	112.5	-0.21	-0.11	-1.49e-03	-0.28	-0.04	192.29
						225.0	-0.21	-10.39	-1.49e-03	-0.28	-0.21	-398.56
137	17	192.13	0.18	-1.34e-03	-20.56	0.0	-0.06	10.14	-9.57e-04	0.52	0.18	-370.51
		-401.68	-0.04	4.11e-05	0.0	112.5	-0.06	-0.14	-9.57e-04	0.52	0.07	192.13
						225.0	-0.06	-10.42	-9.57e-04	0.52	-0.04	-401.68
137	19	188.97	-114.70	2.19e-03	-20.56	0.0	1.65	9.79	-0.18	112.84	-114.70	-334.41
		-444.09	-154.22	0.01	0.0	112.5	1.65	-0.49	-0.18	112.84	-134.46	188.97
						225.0	1.65	-10.77	-0.18	112.84	-154.22	-444.09
137	21	188.86	-114.67	2.20e-03	-20.56	0.0	1.75	9.77	-0.18	113.40	-114.67	-332.45
		-446.28	-154.11	0.01	0.0	112.5	1.75	-0.51	-0.18	113.40	-134.39	188.86
						225.0	1.75	-10.79	-0.18	113.40	-154.11	-446.28
137	22	192.29	0.13	-1.35e-03	-20.56	0.0	-0.21	10.17	-1.49e-03	-0.28	0.13	-373.32
		-398.56	-0.21	-3.35e-05	0.0	112.5	-0.21	-0.11	-1.49e-03	-0.28	-0.04	192.29
						225.0	-0.21	-10.39	-1.49e-03	-0.28	-0.21	-398.56
137	24	192.21	0.15	-1.34e-03	-20.56	0.0	-0.14	10.15	-1.23e-03	0.12	0.15	-371.92
		-400.12	-0.12	3.84e-06	0.0	112.5	-0.14	-0.13	-1.23e-03	0.12	0.01	192.21
						225.0	-0.14	-10.40	-1.23e-03	0.12	-0.12	-400.12
137	26	189.97	-80.25	1.64e-03	-20.56	0.0	1.09	9.90	-0.12	78.90	-80.25	-346.09
		-430.43	-108.02	9.04e-03	0.0	112.5	1.09	-0.37	-0.12	78.90	-94.13	189.97
						225.0	1.09	-10.65	-0.12	78.90	-108.02	-430.43
137	28	189.92	-80.24	1.64e-03	-20.56	0.0	1.14	9.90	-0.12	79.14	-80.24	-345.24
		-431.37	-107.97	9.06e-03	0.0	112.5	1.14	-0.38	-0.12	79.14	-94.10	189.92
						225.0	1.14	-10.66	-0.12	79.14	-107.97	-431.37
137	29	192.29	0.13	-1.35e-03	-20.56	0.0	-0.21	10.17	-1.49e-03	-0.28	0.13	-373.32
		-398.56	-0.21	-3.35e-05	0.0	112.5	-0.21	-0.11	-1.49e-03	-0.28	-0.04	192.29
						225.0	-0.21	-10.39	-1.49e-03	-0.28	-0.21	-398.56
137	30	190.30	-68.77	1.46e-03	-20.56	0.0	0.90	9.94	-0.11	67.59	-68.77	-349.98

		-425.88	-92.62	7.74e-03	0.0	112.5	0.90	-0.34	-0.11	67.59	-80.69	190.30
						225.0	0.90	-10.62	-0.11	67.59	-92.62	-425.88
137	31	192.24	0.14	-1.35e-03	-20.56	0.0	-0.17	10.16	-1.33e-03	-0.04	0.14	-372.48
		-399.49	-0.16	-1.11e-05	0.0	112.5	-0.17	-0.12	-1.33e-03	-0.04	-6.74e-03	192.24
						225.0	-0.17	-10.40	-1.33e-03	-0.04	-0.16	-399.49
137	32	190.25	-68.75	1.46e-03	-20.56	0.0	0.95	9.93	-0.11	67.83	-68.75	-349.13
		-426.81	-92.57	7.77e-03	0.0	112.5	0.95	-0.35	-0.11	67.83	-80.66	190.25
						225.0	0.95	-10.62	-0.11	67.83	-92.57	-426.81
138	1	249.03	-0.27	-2.03e-03	-26.73	0.0	-0.23	13.40	-1.06e-03	0.10	-0.27	-506.35
		-506.35	-0.51	-7.45e-05	0.0	112.5	-0.23	0.03	-1.06e-03	0.10	-0.39	249.03
						225.0	-0.23	-13.33	-1.06e-03	0.10	-0.51	-498.98
138	7	190.87	0.04	-1.60e-03	-20.56	0.0	0.08	10.29	-8.10e-04	1.37	0.04	-388.13
		-388.13	-0.14	8.36e-05	0.0	112.5	0.08	6.81e-03	-8.10e-04	1.37	-0.05	190.87
						225.0	0.08	-10.27	-8.10e-04	1.37	-0.14	-386.59
138	9	238.69	-231.32	-2.15e-03	-26.73	0.0	2.61	13.75	-0.10	-32.40	-231.32	-556.72
		-556.72	-253.36	-0.01	0.0	112.5	2.61	0.39	-0.10	-32.40	-242.34	238.69
						225.0	2.61	-12.97	-0.10	-32.40	-253.36	-469.28
138	14	180.74	-231.09	-1.72e-03	-20.56	0.0	2.84	10.65	-0.10	-31.51	-231.09	-438.91
		-438.91	-253.07	-0.01	0.0	112.5	2.84	0.37	-0.10	-31.51	-242.08	180.74
						225.0	2.84	-9.91	-0.10	-31.51	-253.07	-356.06
138	15	191.56	-0.21	-1.56e-03	-20.56	0.0	-0.18	10.30	-8.26e-04	0.08	-0.21	-389.50
		-389.50	-0.39	-5.75e-05	0.0	112.5	-0.18	0.03	-8.26e-04	0.08	-0.30	191.56
						225.0	-0.18	-10.25	-8.26e-04	0.08	-0.39	-383.83
138	17	191.10	-0.04	-1.58e-03	-20.56	0.0	-7.48e-03	10.29	-8.09e-04	0.94	-0.04	-388.58
		-388.58	-0.22	3.67e-05	0.0	112.5	-7.48e-03	0.01	-8.09e-04	0.94	-0.13	191.10
						225.0	-7.48e-03	-10.27	-8.09e-04	0.94	-0.22	-385.67
138	19	184.67	-154.24	-1.63e-03	-20.56	0.0	1.71	10.54	-0.07	-21.59	-154.24	-423.08
		-423.08	-168.96	-6.88e-03	0.0	112.5	1.71	0.26	-0.07	-21.59	-161.60	184.67
						225.0	1.71	-10.02	-0.07	-21.59	-168.96	-364.03
138	21	184.35	-154.13	-1.65e-03	-20.56	0.0	1.83	10.53	-0.07	-20.98	-154.13	-422.44
		-422.44	-168.84	-6.81e-03	0.0	112.5	1.83	0.25	-0.07	-20.98	-161.48	184.35
						225.0	1.83	-10.03	-0.07	-20.98	-168.84	-365.32
138	22	191.56	-0.21	-1.56e-03	-20.56	0.0	-0.18	10.30	-8.26e-04	0.08	-0.21	-389.50
		-389.50	-0.39	-5.75e-05	0.0	112.5	-0.18	0.03	-8.26e-04	0.08	-0.30	191.56
						225.0	-0.18	-10.25	-8.26e-04	0.08	-0.39	-383.83
138	24	191.33	-0.12	-1.57e-03	-20.56	0.0	-0.09	10.30	-8.17e-04	0.51	-0.12	-389.04
		-389.04	-0.31	-1.04e-05	0.0	112.5	-0.09	0.02	-8.17e-04	0.51	-0.21	191.33
						225.0	-0.09	-10.26	-8.17e-04	0.51	-0.31	-384.75
138	26	186.74	-108.03	-1.61e-03	-20.56	0.0	1.15	10.47	-0.05	-15.09	-108.03	-413.01
		-413.01	-118.39	-4.83e-03	0.0	112.5	1.15	0.19	-0.05	-15.09	-113.21	186.74
						225.0	1.15	-10.09	-0.05	-15.09	-118.39	-369.97
138	28	186.60	-107.98	-1.62e-03	-20.56	0.0	1.20	10.47	-0.05	-14.83	-107.98	-412.73
		-412.73	-118.34	-4.80e-03	0.0	112.5	1.20	0.19	-0.05	-14.83	-113.16	186.60
						225.0	1.20	-10.09	-0.05	-14.83	-118.34	-370.52
138	29	191.56	-0.21	-1.56e-03	-20.56	0.0	-0.18	10.30	-8.26e-04	0.08	-0.21	-389.50
		-389.50	-0.39	-5.75e-05	0.0	112.5	-0.18	0.03	-8.26e-04	0.08	-0.30	191.56
						225.0	-0.18	-10.25	-8.26e-04	0.08	-0.39	-383.83
138	30	187.43	-92.63	-1.60e-03	-20.56	0.0	0.96	10.45	-0.04	-12.92	-92.63	-409.65
		-409.65	-101.53	-4.15e-03	0.0	112.5	0.96	0.17	-0.04	-12.92	-97.08	187.43
						225.0	0.96	-10.11	-0.04	-12.92	-101.53	-371.95
138	31	191.42	-0.16	-1.57e-03	-20.56	0.0	-0.13	10.30	-8.21e-04	0.33	-0.16	-389.22
		-389.22	-0.34	-2.92e-05	0.0	112.5	-0.13	0.02	-8.21e-04	0.33	-0.25	191.42
						225.0	-0.13	-10.26	-8.21e-04	0.33	-0.34	-384.38
138	32	187.29	-92.58	-1.61e-03	-20.56	0.0	1.01	10.44	-0.04	-12.66	-92.58	-409.37
		-409.37	-101.48	-4.12e-03	0.0	112.5	1.01	0.16	-0.04	-12.66	-97.03	187.29
						225.0	1.01	-10.12	-0.04	-12.66	-101.48	-372.50
139	1	250.74	-0.51	-2.30e-03	-26.73	0.0	-0.18	13.56	-2.03e-03	0.37	-0.51	-522.55
		-522.55	-0.96	-1.46e-04	0.0	112.5	-0.18	0.19	-2.03e-03	0.37	-0.73	250.74
						225.0	-0.18	-13.17	-2.03e-03	0.37	-0.96	-479.35
139	9	259.31	56.59	-4.38e-03	-26.73	0.0	1.79	14.74	1.38	-165.90	-253.43	-654.68
		-654.68	-253.43	-0.04	0.0	112.5	1.79	1.38	1.38	-165.90	-98.42	251.71
						225.0	1.79	-11.99	1.38	-165.90	56.59	-345.28
139	11	259.08	57.81	-4.56e-03	-26.73	0.0	1.95	14.77	1.38	-164.54	-253.25	-659.36
		-659.36	-253.25	-0.04	0.0	112.5	1.95	1.41	1.38	-164.54	-97.72	251.00
						225.0	1.95	-11.95	1.38	-164.54	57.81	-342.04
139	14	203.31	58.02	-4.13e-03	-20.56	0.0	1.99	11.65	1.38	-164.63	-253.13	-538.77
		-538.77	-253.13	-0.04	0.0	112.5	1.99	1.37	1.38	-164.63	-97.56	193.13
						225.0	1.99	-8.91	1.38	-164.63	58.02	-231.42
139	15	192.88	-0.39	-1.77e-03	-20.56	0.0	-0.14	10.43	-1.57e-03	0.29	-0.39	-401.96
		-401.96	-0.75	-1.13e-04	0.0	112.5	-0.14	0.15	-1.57e-03	0.29	-0.57	192.88
						225.0	-0.14	-10.13	-1.57e-03	0.29	-0.75	-368.73

139	19	197.66	37.62	-3.12e-03	-20.56	0.0	1.17	11.22	0.92	-110.56	-169.00	-490.04
		-490.04	-169.00	-0.02	0.0	112.5	1.17	0.94	0.92	-110.56	-65.69	193.53
						225.0	1.17	-9.34	0.92	-110.56	37.62	-279.35
139	21	197.51	38.44	-3.23e-03	-20.56	0.0	1.28	11.24	0.92	-109.66	-168.88	-493.16
		-493.16	-168.88	-0.02	0.0	112.5	1.28	0.96	0.92	-109.66	-65.22	193.05
						225.0	1.28	-9.32	0.92	-109.66	38.44	-277.19
139	22	192.88	-0.39	-1.77e-03	-20.56	0.0	-0.14	10.43	-1.57e-03	0.29	-0.39	-401.96
		-401.96	-0.75	-1.13e-04	0.0	112.5	-0.14	0.15	-1.57e-03	0.29	-0.57	192.88
						225.0	-0.14	-10.13	-1.57e-03	0.29	-0.75	-368.73
139	26	194.14	26.11	-2.68e-03	-20.56	0.0	0.78	10.98	0.64	-77.31	-118.42	-463.62
		-463.62	-118.42	-0.02	0.0	112.5	0.78	0.70	0.64	-77.31	-46.15	193.33
						225.0	0.78	-9.58	0.64	-77.31	26.11	-306.17
139	28	194.08	26.46	-2.73e-03	-20.56	0.0	0.83	10.99	0.64	-76.92	-118.37	-464.96
		-464.96	-118.37	-0.02	0.0	112.5	0.83	0.71	0.64	-76.92	-45.95	193.13
						225.0	0.83	-9.57	0.64	-76.92	26.46	-305.24
139	29	192.88	-0.39	-1.77e-03	-20.56	0.0	-0.14	10.43	-1.57e-03	0.29	-0.39	-401.96
		-401.96	-0.75	-1.13e-04	0.0	112.5	-0.14	0.15	-1.57e-03	0.29	-0.57	192.88
						225.0	-0.14	-10.13	-1.57e-03	0.29	-0.75	-368.73
139	30	193.27	22.28	-2.54e-03	-20.56	0.0	0.65	10.90	0.55	-66.22	-101.56	-454.81
		-454.81	-101.56	-0.01	0.0	112.5	0.65	0.62	0.55	-66.22	-39.64	193.27
						225.0	0.65	-9.66	0.55	-66.22	22.28	-315.11
139	32	193.06	22.63	-2.58e-03	-20.56	0.0	0.70	10.91	0.55	-65.84	-101.51	-456.15
		-456.15	-101.51	-0.01	0.0	112.5	0.70	0.63	0.55	-65.84	-39.44	193.06
						225.0	0.70	-9.65	0.55	-65.84	22.63	-314.18
140	1	252.48	-0.39	-2.18e-03	-26.73	0.0	-0.07	13.49	2.56e-03	0.02	-0.96	-513.84
		-513.84	-0.96	-2.50e-04	0.0	112.5	-0.07	0.13	2.56e-03	0.02	-0.67	252.48
						225.0	-0.07	-13.23	2.56e-03	0.02	-0.39	-484.59
140	9	262.55	414.74	-2.77e-03	-26.73	0.0	0.30	13.97	1.59	-71.39	56.44	-557.84
		-557.84	56.44	-0.03	0.0	112.5	0.30	0.61	1.59	-71.39	235.59	262.55
						225.0	0.30	-12.75	1.59	-71.39	414.74	-420.46
140	11	262.29	415.92	-3.05e-03	-26.73	0.0	0.37	14.07	1.59	-68.61	57.66	-569.26
		-569.26	57.66	-0.03	0.0	112.5	0.37	0.71	1.59	-68.61	236.79	262.29
						225.0	0.37	-12.65	1.59	-68.61	415.92	-409.56
140	14	204.55	416.00	-2.55e-03	-20.56	0.0	0.38	10.96	1.59	-68.62	57.87	-450.67
		-450.67	57.87	-0.03	0.0	112.5	0.38	0.68	1.59	-68.62	236.93	204.02
						225.0	0.38	-9.60	1.59	-68.62	416.00	-297.73
140	15	194.21	-0.30	-1.68e-03	-20.56	0.0	-0.06	10.38	1.97e-03	0.01	-0.75	-395.26
		-395.26	-0.75	-1.94e-04	0.0	112.5	-0.06	0.10	1.97e-03	0.01	-0.52	194.21
						225.0	-0.06	-10.18	1.97e-03	0.01	-0.30	-372.76
140	19	200.93	276.45	-2.07e-03	-20.56	0.0	0.19	10.70	1.06	-47.59	37.52	-424.59
		-424.59	37.52	-0.02	0.0	112.5	0.19	0.42	1.06	-47.59	156.99	200.93
						225.0	0.19	-9.86	1.06	-47.59	276.45	-330.01
140	21	200.75	277.23	-2.25e-03	-20.56	0.0	0.24	10.77	1.06	-45.74	38.34	-432.20
		-432.20	38.34	-0.02	0.0	112.5	0.24	0.49	1.06	-45.74	157.79	200.75
						225.0	0.24	-9.79	1.06	-45.74	277.23	-322.74
140	22	194.21	-0.30	-1.68e-03	-20.56	0.0	-0.06	10.38	1.97e-03	0.01	-0.75	-395.26
		-395.26	-0.75	-1.94e-04	0.0	112.5	-0.06	0.10	1.97e-03	0.01	-0.52	194.21
						225.0	-0.06	-10.18	1.97e-03	0.01	-0.30	-372.76
140	26	198.91	193.43	-1.94e-03	-20.56	0.0	0.12	10.60	0.74	-33.31	26.04	-415.79
		-415.79	26.04	-0.01	0.0	112.5	0.12	0.32	0.74	-33.31	109.73	198.91
						225.0	0.12	-9.96	0.74	-33.31	193.43	-342.84
140	28	198.84	193.76	-2.02e-03	-20.56	0.0	0.14	10.63	0.74	-32.52	26.39	-419.06
		-419.06	26.39	-0.01	0.0	112.5	0.14	0.35	0.74	-32.52	110.08	198.84
						225.0	0.14	-9.93	0.74	-32.52	193.76	-339.72
140	29	194.21	-0.30	-1.68e-03	-20.56	0.0	-0.06	10.38	1.97e-03	0.01	-0.75	-395.26
		-395.26	-0.75	-1.94e-04	0.0	112.5	-0.06	0.10	1.97e-03	0.01	-0.52	194.21
						225.0	-0.06	-10.18	1.97e-03	0.01	-0.30	-372.76
140	30	198.24	165.75	-1.90e-03	-20.56	0.0	0.09	10.57	0.64	-28.55	22.22	-412.86
		-412.86	22.22	-0.01	0.0	112.5	0.09	0.29	0.64	-28.55	93.98	198.24
						225.0	0.09	-9.99	0.64	-28.55	165.75	-347.11
140	32	198.17	166.09	-1.98e-03	-20.56	0.0	0.11	10.60	0.64	-27.76	22.57	-416.12
		-416.12	22.57	-0.01	0.0	112.5	0.11	0.32	0.64	-27.76	94.33	198.17
						225.0	0.11	-9.96	0.64	-27.76	166.09	-344.00
141	7	193.52	1.37	-1.69e-03	-20.56	0.0	0.38	10.31	-0.02	4.42	1.37	-388.13
		-388.13	-2.09	3.05e-04	0.0	112.5	0.38	0.03	-0.02	4.42	-0.36	193.52
						225.0	0.38	-10.25	-0.02	4.42	-2.09	-381.28
141	9	260.40	414.77	4.25e-03	-26.73	0.0	1.82	12.34	-2.43	108.34	414.77	-379.10
		-608.71	-131.12	6.93e-03	0.0	112.5	1.82	-1.02	-2.43	108.34	141.82	257.79
						225.0	1.82	-14.38	-2.43	108.34	-131.12	-608.71
141	14	204.27	416.02	3.73e-03	-20.56	0.0	1.61	9.36	-2.44	112.14	416.02	-274.78
		-480.82	-133.49	7.35e-03	0.0	112.5	1.61	-0.92	-2.44	112.14	141.26	200.43

						225.0	1.61	-11.20	-2.44	112.14	-133.49	-480.82
141	17	193.29	0.82	-1.59e-03	-20.56	0.0	0.41	10.27	-8.48e-03	2.71	0.82	-384.09
		-385.78	-1.09	1.32e-04	0.0	112.5	0.41	-7.52e-03	-8.48e-03	2.71	-0.14	193.29
						225.0	0.41	-10.29	-8.48e-03	2.71	-1.09	-385.78
141	19	198.26	276.47	2.88e-03	-20.56	0.0	1.28	9.59	-1.62	72.13	276.47	-302.86
		-458.45	-87.28	4.59e-03	0.0	112.5	1.28	-0.69	-1.62	72.13	94.59	197.57
						225.0	1.28	-10.97	-1.62	72.13	-87.28	-458.45
141	21	197.89	277.25	2.60e-03	-20.56	0.0	1.23	9.64	-1.63	74.52	277.25	-308.52
		-452.14	-88.69	4.83e-03	0.0	112.5	1.23	-0.64	-1.63	74.52	94.28	197.89
						225.0	1.23	-10.92	-1.63	74.52	-88.69	-452.14
141	24	193.06	0.26	-1.48e-03	-20.56	0.0	0.44	10.23	-1.51e-03	1.00	0.26	-380.05
		-390.28	-0.08	-4.20e-05	0.0	112.5	0.44	-0.05	-1.51e-03	1.00	0.09	193.06
						225.0	0.44	-10.33	-1.51e-03	1.00	-0.08	-390.28
141	26	196.15	193.44	2.11e-03	-20.56	0.0	1.04	9.77	-1.13	50.28	193.44	-324.81
		-439.35	-60.82	3.15e-03	0.0	112.5	1.04	-0.51	-1.13	50.28	66.31	196.15
						225.0	1.04	-10.79	-1.13	50.28	-60.82	-439.35
141	28	196.29	193.77	1.99e-03	-20.56	0.0	1.02	9.79	-1.13	51.30	193.77	-327.23
		-436.65	-61.42	3.25e-03	0.0	112.5	1.02	-0.49	-1.13	51.30	66.17	196.29
						225.0	1.02	-10.77	-1.13	51.30	-61.42	-436.65
141	30	195.67	165.76	1.86e-03	-20.56	0.0	0.96	9.83	-0.97	42.99	165.76	-332.12
		-432.98	-52.00	2.67e-03	0.0	112.5	0.96	-0.45	-0.97	42.99	56.88	195.67
						225.0	0.96	-10.73	-0.97	42.99	-52.00	-432.98
141	31	192.97	0.32	-1.44e-03	-20.56	0.0	0.46	10.22	1.28e-03	0.31	0.03	-378.43
		-392.09	0.03	-1.12e-04	0.0	112.5	0.46	-0.06	1.28e-03	0.31	0.18	192.97
						225.0	0.46	-10.34	1.28e-03	0.31	0.32	-392.09
141	32	195.81	166.09	1.74e-03	-20.56	0.0	0.94	9.85	-0.97	44.02	166.09	-334.55
		-430.28	-52.60	2.77e-03	0.0	112.5	0.94	-0.43	-0.97	44.02	56.75	195.81
						225.0	0.94	-10.71	-0.97	44.02	-52.60	-430.28
142	1	263.11	1.19	-2.05e-03	-27.32	0.0	1.70	13.64	-8.43e-04	-1.16	1.19	-520.22
		-524.51	1.00	-1.63e-04	0.0	115.0	1.70	-0.02	-8.43e-04	-1.16	1.09	263.11
						230.0	1.70	-13.68	-8.43e-04	-1.16	1.00	-524.51
142	3	264.52	-1.84	-2.20e-03	-27.32	0.0	1.52	13.66	-1.21e-03	1.31	-1.84	-521.08
		-521.08	-2.11	7.27e-05	0.0	115.0	1.52	1.10e-03	-1.21e-03	1.31	-1.98	264.52
						230.0	1.52	-13.66	-1.21e-03	1.31	-2.11	-520.83
142	7	203.80	-2.09	-1.72e-03	-21.02	0.0	1.12	10.51	-1.01e-03	1.57	-2.09	-401.03
		-401.03	-2.32	1.04e-04	0.0	115.0	1.12	5.40e-03	-1.01e-03	1.57	-2.20	203.80
						230.0	1.12	-10.50	-1.01e-03	1.57	-2.32	-399.79
142	9	254.76	-130.90	2.88e-03	-27.32	0.0	3.47	13.24	-0.73	43.29	-130.90	-482.30
		-579.13	-298.06	2.55e-03	0.0	115.0	3.47	-0.42	-0.73	43.29	-214.48	254.76
						230.0	3.47	-14.08	-0.73	43.29	-298.06	-579.13
142	14	195.03	-133.27	2.64e-03	-21.02	0.0	2.95	10.11	-0.73	45.28	-133.27	-362.85
		-455.51	-300.44	2.67e-03	0.0	115.0	2.95	-0.40	-0.73	45.28	-216.86	195.03
						230.0	2.95	-10.91	-0.73	45.28	-300.44	-455.51
142	15	202.39	0.93	-1.58e-03	-21.02	0.0	1.31	10.49	-6.46e-04	-0.89	0.93	-400.17
		-403.47	0.78	-1.26e-04	0.0	115.0	1.31	-0.01	-6.46e-04	-0.89	0.85	202.39
						230.0	1.31	-10.52	-6.46e-04	-0.89	0.78	-403.47
142	17	203.33	-1.09	-1.68e-03	-21.02	0.0	1.19	10.51	-8.88e-04	0.75	-1.09	-400.74
		-401.02	-1.30	3.48e-05	0.0	115.0	1.19	-1.18e-03	-8.88e-04	0.75	-1.19	203.33
						230.0	1.19	-10.51	-8.88e-04	0.75	-1.30	-401.02
142	19	196.82	-87.14	1.95e-03	-21.02	0.0	2.49	10.23	-0.48	28.74	-87.14	-374.89
		-439.88	-198.59	1.69e-03	0.0	115.0	2.49	-0.28	-0.48	28.74	-142.87	196.82
						230.0	2.49	-10.79	-0.48	28.74	-198.59	-439.88
142	21	197.48	-88.55	1.84e-03	-21.02	0.0	2.40	10.23	-0.48	29.89	-88.55	-375.29
		-438.17	-200.05	1.76e-03	0.0	115.0	2.40	-0.27	-0.48	29.89	-144.30	197.48
						230.0	2.40	-10.78	-0.48	29.89	-200.05	-438.17
142	22	202.39	0.93	-1.58e-03	-21.02	0.0	1.31	10.49	-6.46e-04	-0.89	0.93	-400.17
		-403.47	0.78	-1.26e-04	0.0	115.0	1.31	-0.01	-6.46e-04	-0.89	0.85	202.39
						230.0	1.31	-10.52	-6.46e-04	-0.89	0.78	-403.47
142	24	202.86	-0.08	-1.63e-03	-21.02	0.0	1.25	10.50	-7.67e-04	-0.07	-0.08	-400.46
		-402.24	-0.26	-5.07e-05	0.0	115.0	1.25	-7.77e-03	-7.67e-04	-0.07	-0.17	202.86
						230.0	1.25	-10.52	-7.67e-04	-0.07	-0.26	-402.24
142	26	198.49	-60.72	1.44e-03	-21.02	0.0	2.13	10.31	-0.34	19.85	-60.72	-382.47
		-428.96	-138.78	1.16e-03	0.0	115.0	2.13	-0.20	-0.34	19.85	-99.75	198.49
						230.0	2.13	-10.71	-0.34	19.85	-138.78	-428.96
142	28	198.78	-61.32	1.39e-03	-21.02	0.0	2.10	10.31	-0.34	20.35	-61.32	-382.65
		-428.22	-139.41	1.19e-03	0.0	115.0	2.10	-0.20	-0.34	20.35	-100.36	198.78
						230.0	2.10	-10.71	-0.34	20.35	-139.41	-428.22
142	29	202.39	0.93	-1.58e-03	-21.02	0.0	1.31	10.49	-6.46e-04	-0.89	0.93	-400.17
		-403.47	0.78	-1.26e-04	0.0	115.0	1.31	-0.01	-6.46e-04	-0.89	0.85	202.39
						230.0	1.31	-10.52	-6.46e-04	-0.89	0.78	-403.47
142	30	199.05	-51.91	1.27e-03	-21.02	0.0	2.02	10.33	-0.29	16.89	-51.91	-385.00

		-425.32	-118.85	-1.00e-03	0.0	115.0	2.02	-0.18	-0.29	16.89	-85.38	199.05
						230.0	2.02	-10.68	-0.29	16.89	-118.85	-425.32
142	31	202.67	0.32	-1.61e-03	-21.02	0.0	1.27	10.50	-7.19e-04	-0.40	0.32	-400.34
		-402.73	0.16	-8.08e-05	0.0	115.0	1.27	-0.01	-7.19e-04	-0.40	0.24	202.67
						230.0	1.27	-10.52	-7.19e-04	-0.40	0.16	-402.73
142	32	199.33	-52.52	1.22e-03	-21.02	0.0	1.98	10.34	-0.29	17.38	-52.52	-385.17
		-424.58	-119.47	1.02e-03	0.0	115.0	1.98	-0.17	-0.29	17.38	-85.99	199.33
						230.0	1.98	-10.68	-0.29	17.38	-119.47	-424.58
143	1	271.57	1.00	-2.18e-03	-26.13	0.0	3.59	13.94	-4.52e-03	-1.11	1.00	-543.56
		-543.56	1.52e-03	-4.42e-05	0.0	110.0	3.59	0.87	-4.52e-03	-1.11	0.50	270.83
						220.0	3.59	-12.20	-4.52e-03	-1.11	1.52e-03	-352.09
143	7	207.98	2.64e-03	-1.60e-03	-20.10	0.0	2.55	10.61	0.01	-1.41	-2.32	-406.31
		-406.31	-2.32	-1.50e-04	0.0	110.0	2.55	0.56	0.01	-1.41	-1.16	207.98
						220.0	2.55	-9.49	0.01	-1.41	2.64e-03	-283.36
143	9	281.77	-0.15	-2.51e-03	-26.13	0.0	5.37	14.58	1.35	-53.83	-298.25	-613.12
		-613.12	-298.25	-0.03	0.0	110.0	5.37	1.51	1.35	-53.83	-149.20	272.17
						220.0	5.37	-11.55	1.35	-53.83	-0.15	-279.84
143	14	217.79	-0.15	-1.95e-03	-20.10	0.0	4.40	11.29	1.37	-53.96	-300.63	-479.42
		-479.42	-300.63	-0.03	0.0	110.0	4.40	1.24	1.37	-53.96	-150.39	209.42
						220.0	4.40	-8.81	1.37	-53.96	-0.15	-207.36
143	15	208.90	0.78	-1.67e-03	-20.10	0.0	2.76	10.72	-3.53e-03	-0.85	0.78	-418.13
		-418.13	1.19e-03	-3.32e-05	0.0	110.0	2.76	0.67	-3.53e-03	-0.85	0.39	208.33
						220.0	2.76	-9.38	-3.53e-03	-0.85	1.19e-03	-270.83
143	17	208.09	2.14e-03	-1.62e-03	-20.10	0.0	2.62	10.65	5.91e-03	-1.23	-1.30	-410.25
		-410.25	-1.30	-1.12e-04	0.0	110.0	2.62	0.60	5.91e-03	-1.23	-0.65	208.09
						220.0	2.62	-9.46	5.91e-03	-1.23	2.14e-03	-279.19
143	19	215.70	-0.10	-1.90e-03	-20.10	0.0	3.95	11.15	0.90	-36.00	-198.72	-464.50
		-464.50	-198.72	-0.02	0.0	110.0	3.95	1.10	0.90	-36.00	-99.41	209.23
						220.0	3.95	-8.95	0.90	-36.00	-0.10	-222.67
143	21	214.83	-0.10	-1.85e-03	-20.10	0.0	3.85	11.10	0.91	-36.26	-200.17	-458.99
		-458.99	-200.17	-0.02	0.0	110.0	3.85	1.05	0.91	-36.26	-100.14	209.06
						220.0	3.85	-9.00	0.91	-36.26	-0.10	-228.52
143	22	208.90	0.78	-1.67e-03	-20.10	0.0	2.76	10.72	-3.53e-03	-0.85	0.78	-418.13
		-418.13	1.19e-03	-3.32e-05	0.0	110.0	2.76	0.67	-3.53e-03	-0.85	0.39	208.33
						220.0	2.76	-9.38	-3.53e-03	-0.85	1.19e-03	-270.83
143	24	208.27	1.66e-03	-1.65e-03	-20.10	0.0	2.69	10.68	1.19e-03	-1.04	-0.26	-414.19
		-414.19	-0.26	-7.26e-05	0.0	110.0	2.69	0.63	1.19e-03	-1.04	-0.13	208.21
						220.0	2.69	-9.42	1.19e-03	-1.04	1.66e-03	-275.01
143	26	213.66	-0.07	-1.82e-03	-20.10	0.0	3.59	11.02	0.63	-25.45	-138.87	-450.59
		-450.59	-138.87	-0.01	0.0	110.0	3.59	0.97	0.63	-25.45	-69.47	208.96
						220.0	3.59	-9.08	0.63	-25.45	-0.07	-237.12
143	28	213.29	-0.07	-1.80e-03	-20.10	0.0	3.55	11.00	0.63	-25.57	-139.49	-448.23
		-448.23	-139.49	-0.01	0.0	110.0	3.55	0.95	0.63	-25.57	-69.78	208.89
						220.0	3.55	-9.10	0.63	-25.57	-0.07	-239.62
143	29	208.90	0.78	-1.67e-03	-20.10	0.0	2.76	10.72	-3.53e-03	-0.85	0.78	-418.13
		-418.13	1.19e-03	-3.32e-05	0.0	110.0	2.76	0.67	-3.53e-03	-0.85	0.39	208.33
						220.0	2.76	-9.38	-3.53e-03	-0.85	1.19e-03	-270.83
143	30	212.98	-0.06	-1.80e-03	-20.10	0.0	3.48	10.98	0.54	-21.94	-118.92	-445.95
		-445.95	-118.92	-0.01	0.0	110.0	3.48	0.93	0.54	-21.94	-59.49	208.87
						220.0	3.48	-9.12	0.54	-21.94	-0.06	-241.93
143	31	208.52	0.16	-1.66e-03	-20.10	0.0	2.72	10.70	-6.98e-04	-0.96	0.16	-415.76
		-415.76	1.47e-03	-5.68e-05	0.0	110.0	2.72	0.65	-6.98e-04	-0.96	0.08	208.26
						220.0	2.72	-9.40	-6.98e-04	-0.96	1.47e-03	-273.34
143	32	212.61	-0.06	-1.78e-03	-20.10	0.0	3.43	10.96	0.54	-22.05	-119.54	-443.59
		-443.59	-119.54	-0.01	0.0	110.0	3.43	0.91	0.54	-22.05	-59.80	208.80
						220.0	3.43	-9.15	0.54	-22.05	-0.06	-244.44
144	1	247.46	0.36	-2.00e-03	-26.73	0.0	1.70	13.35	-2.36e-04	0.89	0.36	-502.55
		-505.92	0.31	7.63e-05	0.0	112.5	1.70	-0.01	-2.36e-04	0.89	0.34	247.46
						225.0	1.70	-13.38	-2.36e-04	0.89	0.31	-505.92
144	3	247.42	0.38	-2.00e-03	-26.73	0.0	1.78	13.32	-1.23e-04	0.93	0.38	-499.84
		-508.70	0.35	7.90e-05	0.0	112.5	1.78	-0.04	-1.23e-04	0.93	0.36	247.42
						225.0	1.78	-13.40	-1.23e-04	0.93	0.35	-508.70
144	5	190.35	0.28	-1.54e-03	-20.56	0.0	1.31	10.27	-1.80e-04	0.69	0.28	-386.58
		-389.17	0.24	5.87e-05	0.0	112.5	1.31	-0.01	-1.80e-04	0.69	0.26	190.35
						225.0	1.31	-10.29	-1.80e-04	0.69	0.24	-389.17
144	11	229.17	-164.31	2.06e-03	-26.73	0.0	5.76	13.10	-0.17	104.79	-164.31	-493.32
		-551.73	-202.92	0.01	0.0	112.5	5.76	-0.26	-0.17	104.79	-183.61	229.17
						225.0	5.76	-13.62	-0.17	104.79	-202.92	-551.73
144	12	172.09	-164.40	2.08e-03	-20.56	0.0	5.31	10.04	-0.17	104.56	-164.40	-379.25
		-433.03	-203.01	0.01	0.0	112.5	5.31	-0.24	-0.17	104.56	-183.71	172.09
						225.0	5.31	-10.52	-0.17	104.56	-203.01	-433.03

144	15	190.35	0.28	-1.54e-03	-20.56	0.0	1.31	10.27	-1.81e-04	0.69	0.28	-386.58
		-389.17	0.24	5.87e-05	0.0	112.5	1.31	-0.01	-1.81e-04	0.69	0.26	190.35
						225.0	1.31	-10.29	-1.81e-04	0.69	0.24	-389.17
144	17	190.33	0.29	-1.54e-03	-20.56	0.0	1.36	10.25	-1.06e-04	0.71	0.29	-384.77
		-391.02	0.26	6.05e-05	0.0	112.5	1.36	-0.03	-1.06e-04	0.71	0.28	190.33
						225.0	1.36	-10.31	-1.06e-04	0.71	0.26	-391.02
144	19	178.18	-109.51	1.36e-03	-20.56	0.0	3.98	10.12	-0.11	69.93	-109.51	-381.69
		-418.41	-135.26	9.26e-03	0.0	112.5	3.98	-0.16	-0.11	69.93	-122.38	178.18
						225.0	3.98	-10.44	-0.11	69.93	-135.26	-418.41
144	21	178.16	-109.50	1.36e-03	-20.56	0.0	4.01	10.10	-0.11	69.95	-109.50	-380.43
		-419.71	-135.25	9.26e-03	0.0	112.5	4.01	-0.17	-0.11	69.95	-122.37	178.16
						225.0	4.01	-10.45	-0.11	69.95	-135.25	-419.71
144	22	190.35	0.28	-1.54e-03	-20.56	0.0	1.31	10.27	-1.81e-04	0.69	0.28	-386.58
		-389.17	0.24	5.87e-05	0.0	112.5	1.31	-0.01	-1.81e-04	0.69	0.26	190.35
						225.0	1.31	-10.29	-1.81e-04	0.69	0.24	-389.17
144	24	190.34	0.28	-1.54e-03	-20.56	0.0	1.34	10.26	-1.44e-04	0.70	0.28	-385.68
		-390.10	0.25	5.96e-05	0.0	112.5	1.34	-0.02	-1.44e-04	0.70	0.27	190.34
						225.0	1.34	-10.30	-1.44e-04	0.70	0.25	-390.10
144	26	181.83	-76.57	9.33e-04	-20.56	0.0	3.18	10.16	-0.08	49.16	-76.57	-383.16
		-409.64	-94.61	6.50e-03	0.0	112.5	3.18	-0.12	-0.08	49.16	-85.59	181.83
						225.0	3.18	-10.40	-0.08	49.16	-94.61	-409.64
144	28	181.82	-76.57	9.33e-04	-20.56	0.0	3.19	10.16	-0.08	49.17	-76.57	-382.62
		-410.19	-94.61	6.50e-03	0.0	112.5	3.19	-0.12	-0.08	49.17	-85.59	181.82
						225.0	3.19	-10.40	-0.08	49.17	-94.61	-410.19
144	29	190.35	0.28	-1.54e-03	-20.56	0.0	1.31	10.27	-1.81e-04	0.69	0.28	-386.58
		-389.17	0.24	5.87e-05	0.0	112.5	1.31	-0.01	-1.81e-04	0.69	0.26	190.35
						225.0	1.31	-10.29	-1.81e-04	0.69	0.24	-389.17
144	30	183.05	-65.59	-9.96e-04	-20.56	0.0	2.91	10.18	-0.07	42.24	-65.59	-383.65
		-406.71	-81.06	5.58e-03	0.0	112.5	2.91	-0.10	-0.07	42.24	-73.33	183.05
						225.0	2.91	-10.38	-0.07	42.24	-81.06	-406.71
144	31	190.34	0.28	-1.54e-03	-20.56	0.0	1.33	10.26	-1.59e-04	0.69	0.28	-386.04
		-389.72	0.25	5.92e-05	0.0	112.5	1.33	-0.02	-1.59e-04	0.69	0.26	190.34
						225.0	1.33	-10.30	-1.59e-04	0.69	0.25	-389.72
144	32	183.04	-65.59	-9.97e-04	-20.56	0.0	2.93	10.17	-0.07	42.24	-65.59	-383.10
		-407.27	-81.05	5.58e-03	0.0	112.5	2.93	-0.11	-0.07	42.24	-73.32	183.04
						225.0	2.93	-10.39	-0.07	42.24	-81.05	-407.27
145	3	723.28	-1.41	-2.69e-04	-17.75	0.0	24.22	7.36	-0.01	-1.99	-1.41	644.18
		565.47	-1.94	-3.46e-06	0.0	26.0	24.22	-1.51	-0.01	-1.99	-1.67	720.17
						52.0	24.22	-10.39	-0.01	-1.99	-1.94	565.47
145	5	509.02	5.50	-6.11e-05	-13.65	0.0	13.28	-1.11	-5.20e-03	-1.11	5.50	509.02
		96.18	5.23	4.18e-06	0.0	26.0	13.28	-7.94	-5.20e-03	-1.11	5.37	391.33
						52.0	13.28	-14.76	-5.20e-03	-1.11	5.23	96.18
145	9	621.61	2427.46	-7.06e-04	-17.75	0.0	246.16	21.83	171.21	-2.593e+04	-6475.54	-52.25
		-52.25	-6475.54	-9.01e-03	0.0	26.0	246.16	12.96	171.21	-2.593e+04	-2024.04	400.02
						52.0	246.16	4.09	171.21	-2.593e+04	2427.46	621.61
145	11	608.80	2422.11	-6.93e-04	-17.75	0.0	249.48	21.24	171.22	-2.593e+04	-6481.17	-34.30
		-34.30	-6481.17	-9.01e-03	0.0	26.0	249.48	12.37	171.22	-2.593e+04	-2029.53	402.59
						52.0	249.48	3.49	171.22	-2.593e+04	2422.11	608.80
145	12	136.33	2426.99	-4.32e-04	-13.65	0.0	239.97	12.51	171.22	-2.593e+04	-6476.67	-161.76
		-161.76	-6476.67	-9.01e-03	0.0	26.0	239.97	5.69	171.22	-2.593e+04	-2024.84	74.85
						52.0	239.97	-1.14	171.22	-2.593e+04	2426.99	134.02
145	14	126.90	2421.64	-4.19e-04	-13.65	0.0	243.29	11.92	171.23	-2.593e+04	-6482.29	-143.80
		-143.80	-6482.29	-9.02e-03	0.0	26.0	243.29	5.10	171.23	-2.593e+04	-2030.33	77.43
						52.0	243.29	-1.73	171.23	-2.593e+04	2421.64	121.21
145	15	508.13	5.27	-1.41e-04	-13.65	0.0	14.24	3.08	-9.99e-03	-1.09	5.27	490.24
		295.63	4.75	4.15e-06	0.0	26.0	14.24	-3.74	-9.99e-03	-1.09	5.01	481.66
						52.0	14.24	-10.57	-9.99e-03	-1.09	4.75	295.63
145	17	519.42	-0.09	-1.33e-04	-13.65	0.0	17.40	2.52	-4.86e-03	-1.49	-0.09	507.34
		283.43	-0.34	-1.74e-06	0.0	26.0	17.40	-4.31	-4.86e-03	-1.49	-0.21	484.11
						52.0	17.40	-11.13	-4.86e-03	-1.49	-0.34	283.43
145	19	324.95	1619.26	-4.08e-04	-13.65	0.0	165.37	12.17	114.14	-1.729e+04	-4316.17	43.05
		43.05	-4316.17	-6.00e-03	0.0	26.0	165.37	5.34	114.14	-1.729e+04	-1348.46	270.68
						52.0	165.37	-1.48	114.14	-1.729e+04	1619.26	320.86
145	21	318.97	1615.69	-3.99e-04	-13.65	0.0	167.58	11.77	114.15	-1.729e+04	-4319.92	55.02
		55.02	-4319.92	-6.01e-03	0.0	26.0	167.58	4.95	114.15	-1.729e+04	-1352.12	272.39
						52.0	167.58	-1.88	114.15	-1.729e+04	1615.69	312.31
145	22	508.13	5.27	-1.41e-04	-13.65	0.0	14.24	3.08	-9.99e-03	-1.09	5.27	490.24
		295.63	4.75	4.15e-06	0.0	26.0	14.24	-3.74	-9.99e-03	-1.09	5.01	481.66
						52.0	14.24	-10.57	-9.99e-03	-1.09	4.75	295.63
145	24	513.62	2.59	-1.37e-04	-13.65	0.0	15.82	2.80	-7.43e-03	-1.29	2.59	498.79
		289.53	2.21	1.21e-06	0.0	26.0	15.82	-4.02	-7.43e-03	-1.29	2.40	482.89

						52.0	15.82	-10.85	-7.43e-03	-1.29	2.21	289.53
145	26	347.01	1134.91	-3.22e-04	-13.65	0.0	120.03	9.44	79.90	-1.210e+04	-3019.74	177.21
		177.21	-3019.74	-4.20e-03	0.0	26.0	120.03	2.62	79.90	-1.210e+04	-942.42	333.97
						52.0	120.03	-4.21	79.90	-1.210e+04	1134.91	313.29
145	28	346.10	1133.38	-3.18e-04	-13.65	0.0	120.98	9.27	79.90	-1.210e+04	-3021.35	182.34
		182.34	-3021.35	-4.20e-03	0.0	26.0	120.98	2.45	79.90	-1.210e+04	-943.99	334.71
						52.0	120.98	-4.38	79.90	-1.210e+04	1133.38	309.63
145	29	508.13	5.27	-1.41e-04	-13.65	0.0	14.24	3.08	-9.99e-03	-1.09	5.27	490.24
		295.63	4.75	4.15e-06	0.0	26.0	14.24	-3.74	-9.99e-03	-1.09	5.01	481.66
						52.0	14.24	-10.57	-9.99e-03	-1.09	4.75	295.63
145	30	360.63	973.45	-2.93e-04	-13.65	0.0	104.92	8.53	68.48	-1.037e+04	-2587.60	221.93
		221.93	-2587.60	-3.60e-03	0.0	26.0	104.92	1.71	68.48	-1.037e+04	-807.07	355.07
						52.0	104.92	-5.12	68.48	-1.037e+04	973.45	310.77
145	31	511.30	3.66	-1.39e-04	-13.65	0.0	15.19	2.91	-8.45e-03	-1.21	3.66	495.37
		291.97	3.22	2.38e-06	0.0	26.0	15.19	-3.91	-8.45e-03	-1.21	3.44	482.40
						52.0	15.19	-10.74	-8.45e-03	-1.21	3.22	291.97
145	32	360.27	971.93	-2.89e-04	-13.65	0.0	105.87	8.36	68.48	-1.037e+04	-2589.20	227.06
		227.06	-2589.20	-3.60e-03	0.0	26.0	105.87	1.54	68.48	-1.037e+04	-808.64	355.81
						52.0	105.87	-5.29	68.48	-1.037e+04	971.93	307.10
146	1	68.06	7.81	-9.36e-03	-7.86	0.0	-101.15	4.22	-0.05	0.18	7.81	-171.29
		-171.29	-3.63	7.79e-04	0.0	106.1	-97.22	0.29	-0.05	0.18	2.09	67.53
						212.1	-93.29	-3.65	-0.05	0.18	-3.63	-110.62
146	7	49.46	4.78	-7.56e-03	-6.05	0.0	-65.94	3.29	-0.02	0.08	4.78	-140.37
		-140.37	0.51	2.33e-03	0.0	106.1	-62.92	0.27	-0.02	0.08	2.64	48.42
						212.1	-59.89	-2.76	-0.02	0.08	0.51	-83.54
146	9	19.39	96.23	-0.01	-7.86	0.0	-329.45	6.17	31.87	-206.75	-6664.53	-493.07
		-493.07	-6664.53	-0.82	0.0	106.1	-325.52	2.24	31.87	-206.75	-3284.15	-47.40
						212.1	-321.58	-1.70	31.87	-206.75	96.23	-18.71
146	11	19.15	98.47	-0.01	-7.86	0.0	-321.19	6.20	31.88	-206.79	-6665.29	-499.10
		-499.10	-6665.29	-0.82	0.0	106.1	-317.26	2.27	31.88	-206.79	-3283.41	-49.88
						212.1	-313.33	-1.66	31.88	-206.79	98.47	-17.62
146	14	19.64	99.42	-0.01	-6.05	0.0	-297.78	5.23	31.90	-206.83	-6667.23	-459.56
		-459.56	-6667.23	-0.82	0.0	106.1	-294.75	2.20	31.90	-206.83	-3283.91	-65.45
						212.1	-291.73	-0.82	31.90	-206.83	99.42	7.91
146	15	52.36	5.94	-7.20e-03	-6.05	0.0	-77.78	3.24	-0.04	0.14	5.94	-131.76
		-131.76	-2.74	6.00e-04	0.0	106.1	-74.75	0.22	-0.04	0.14	1.60	51.95
						212.1	-71.73	-2.80	-0.04	0.14	-2.74	-85.09
146	17	50.43	5.22	-7.43e-03	-6.05	0.0	-69.91	3.28	-0.03	0.10	5.22	-137.50
		-137.50	-0.62	1.75e-03	0.0	106.1	-66.89	0.25	-0.03	0.10	2.30	49.59
						212.1	-63.87	-2.77	-0.03	0.10	-0.62	-84.06
146	19	15.85	63.83	-0.01	-6.05	0.0	-229.97	4.54	21.24	-137.82	-4442.28	-346.28
		-346.28	-4442.28	-0.55	0.0	106.1	-226.95	1.52	21.24	-137.82	-2189.22	-24.68
						212.1	-223.93	-1.50	21.24	-137.82	63.83	-23.82
146	21	15.39	65.32	-0.01	-6.05	0.0	-224.47	4.57	21.25	-137.84	-4442.79	-350.30
		-350.30	-4442.79	-0.55	0.0	106.1	-221.45	1.54	21.25	-137.84	-2188.73	-26.32
						212.1	-218.42	-1.48	21.25	-137.84	65.32	-23.09
146	22	52.36	5.94	-7.20e-03	-6.05	0.0	-77.78	3.24	-0.04	0.14	5.94	-131.76
		-131.76	-2.74	6.00e-04	0.0	106.1	-74.75	0.22	-0.04	0.14	1.60	51.95
						212.1	-71.73	-2.80	-0.04	0.14	-2.74	-85.09
146	24	51.39	5.58	-7.29e-03	-6.05	0.0	-73.85	3.26	-0.03	0.12	5.58	-134.63
		-134.63	-1.68	1.18e-03	0.0	106.1	-70.82	0.24	-0.03	0.12	1.95	50.77
						212.1	-67.80	-2.79	-0.03	0.12	-1.68	-84.58
146	26	20.71	43.86	-9.49e-03	-6.05	0.0	-184.31	4.15	14.86	-96.43	-3107.81	-281.92
		-281.92	-3107.81	-0.38	0.0	106.1	-181.29	1.13	14.86	-96.43	-1531.98	-1.69
						212.1	-178.27	-1.89	14.86	-96.43	43.86	-42.20
146	28	20.38	44.50	-9.57e-03	-6.05	0.0	-181.96	4.16	14.86	-96.44	-3108.03	-283.64
		-283.64	-3108.03	-0.38	0.0	106.1	-178.93	1.14	14.86	-96.44	-1531.77	-2.39
						212.1	-175.91	-1.88	14.86	-96.44	44.50	-41.89
146	29	52.36	5.94	-7.20e-03	-6.05	0.0	-77.78	3.24	-0.04	0.14	5.94	-131.76
		-131.76	-2.74	6.00e-04	0.0	106.1	-74.75	0.22	-0.04	0.14	1.60	51.95
						212.1	-71.73	-2.80	-0.04	0.14	-2.74	-85.09
146	30	23.20	37.20	-9.16e-03	-6.05	0.0	-169.09	4.02	12.73	-82.64	-2662.99	-260.47
		-260.47	-2662.99	-0.33	0.0	106.1	-166.07	1.00	12.73	-82.64	-1312.89	5.97
						212.1	-163.05	-2.02	12.73	-82.64	37.20	-48.33
146	31	51.78	5.73	-7.24e-03	-6.05	0.0	-75.42	3.25	-0.04	0.13	5.73	-133.48
		-133.48	-2.10	9.46e-04	0.0	106.1	-72.39	0.23	-0.04	0.13	1.81	51.24
						212.1	-69.37	-2.79	-0.04	0.13	-2.10	-84.78
146	32	22.87	37.84	-9.24e-03	-6.05	0.0	-166.74	4.03	12.73	-82.65	-2663.21	-262.19
		-262.19	-2663.21	-0.33	0.0	106.1	-163.71	1.01	12.73	-82.65	-1312.68	5.27
						212.1	-160.69	-2.01	12.73	-82.65	37.84	-48.02
166	3	96.18	23.48	1.40e-03	-10.85	0.0	-10.41	6.04	0.33	-6.04	-22.57	-135.57

		-135.57	-22.57	-2.74e-03	0.0	69.0	-10.41	0.61	0.33	-6.04	0.46	93.82
						138.0	-10.41	-4.81	0.33	-6.04	23.48	-51.11
166	9	252.19	2.904e+04	-2.88e-03	-10.85	0.0	334.53	8.70	77.26	-1204.16	-3046.09	-229.17
		-229.17	-3046.09	-0.97	310.50	69.0	334.53	3.28	232.51	-1204.16	7640.68	184.03
						138.0	334.53	-2.15	387.76	-1204.16	2.904e+04	222.90
166	11	250.46	2.904e+04	-2.71e-03	-10.85	0.0	331.52	8.65	77.31	-1204.92	-3051.56	-225.12
		-225.12	-3051.56	-0.97	310.50	69.0	331.52	3.22	232.56	-1204.92	7639.21	184.52
						138.0	331.52	-2.20	387.81	-1204.92	2.904e+04	219.84
166	12	242.49	2.903e+04	-2.82e-03	-8.35	0.0	335.59	7.28	77.20	-1203.02	-3042.72	-195.39
		-195.39	-3042.72	-0.97	310.50	69.0	335.59	3.10	232.45	-1203.02	7639.92	162.81
						138.0	335.59	-1.07	387.70	-1203.02	2.903e+04	233.06
166	17	74.04	17.56	1.02e-03	-8.35	0.0	-7.72	4.65	0.25	-4.54	-16.57	-104.37
		-104.37	-16.57	-2.01e-03	0.0	69.0	-7.72	0.47	0.25	-4.54	0.49	72.22
						138.0	-7.72	-3.70	0.25	-4.54	17.56	-39.14
166	19	173.93	1.936e+04	-1.96e-03	-8.35	0.0	222.24	6.42	51.53	-803.28	-2032.25	-166.78
		-166.78	-2032.25	-0.64	207.00	69.0	222.24	2.25	155.03	-803.28	5093.97	132.35
						138.0	222.24	-1.92	258.53	-803.28	1.936e+04	143.53
166	21	173.08	1.936e+04	-1.85e-03	-8.35	0.0	220.23	6.39	51.57	-803.79	-2035.90	-164.07
		-164.07	-2035.90	-0.64	207.00	69.0	220.23	2.21	155.07	-803.79	5093.00	132.68
						138.0	220.23	-1.96	258.57	-803.79	1.936e+04	141.49
166	24	74.02	16.35	8.89e-04	-8.35	0.0	-6.28	4.67	0.22	-4.18	-13.97	-106.31
		-106.31	-13.97	-1.67e-03	0.0	69.0	-6.28	0.50	0.22	-4.18	1.19	71.98
						138.0	-6.28	-3.68	0.22	-4.18	16.35	-37.68
166	26	138.70	1.356e+04	-1.45e-03	-8.35	0.0	154.12	5.90	36.13	-563.44	-1425.99	-149.22
		-149.22	-1425.99	-0.45	144.90	69.0	154.12	1.73	108.58	-563.44	3566.35	114.17
						138.0	154.12	-2.44	181.03	-563.44	1.356e+04	89.60
166	28	138.46	1.356e+04	-1.41e-03	-8.35	0.0	153.26	5.89	36.14	-563.66	-1427.55	-148.06
		-148.06	-1427.55	-0.45	144.90	69.0	153.26	1.72	108.59	-563.66	3565.93	114.31
						138.0	153.26	-2.46	181.04	-563.66	1.356e+04	88.73
166	30	128.17	1.162e+04	-1.29e-03	-8.35	0.0	131.41	5.73	30.99	-483.50	-1223.90	-143.36
		-143.36	-1223.90	-0.39	124.20	69.0	131.41	1.56	93.09	-483.50	3057.14	108.11
						138.0	131.41	-2.62	155.19	-483.50	1.162e+04	71.63
166	31	74.01	15.87	8.37e-04	-8.35	0.0	-5.71	4.68	0.21	-4.03	-12.93	-107.08
		-107.08	-12.93	-1.54e-03	0.0	69.0	-5.71	0.51	0.21	-4.03	1.47	71.88
						138.0	-5.71	-3.67	0.21	-4.03	15.87	-37.10
166	32	127.93	1.162e+04	-1.25e-03	-8.35	0.0	130.55	5.72	31.01	-483.71	-1225.46	-142.20
		-142.20	-1225.46	-0.39	124.20	69.0	130.55	1.54	93.11	-483.71	3056.72	108.25
						138.0	130.55	-2.63	155.21	-483.71	1.162e+04	70.75
182	1	40.54	2.44	-2.59e-03	-4.79	0.0	-11.06	2.38	-0.02	0.10	2.44	-79.22
		-82.84	-1.74	5.37e-04	0.0	101.6	-13.68	-0.02	-0.02	0.10	0.35	40.54
						203.1	-16.30	-2.41	-0.02	0.10	-1.74	-82.84
182	3	40.62	3.16	-2.53e-03	-4.79	0.0	-10.10	2.38	-0.02	0.12	3.16	-79.26
		-82.64	-1.87	-2.53e-04	0.0	101.6	-12.72	-0.02	-0.02	0.12	0.64	40.62
						203.1	-15.34	-2.41	-0.02	0.12	-1.87	-82.64
182	7	31.30	2.58	-1.99e-03	-3.68	0.0	-5.72	1.83	-0.02	0.10	2.58	-61.32
		-63.11	-1.47	-3.71e-04	0.0	101.6	-7.73	-8.79e-03	-0.02	0.10	0.56	31.30
						203.1	-9.75	-1.85	-0.02	0.10	-1.47	-63.11
182	9	39.93	3624.12	-3.04e-03	-4.79	0.0	-41.54	2.39	9.94	-124.63	1604.62	-81.32
		-81.95	1604.62	-1.92	0.0	101.6	-44.16	-3.10e-03	9.94	-124.63	2614.37	39.93
						203.1	-46.78	-2.40	9.94	-124.63	3624.12	-81.95
182	12	30.62	3624.52	-2.50e-03	-3.68	0.0	-37.15	1.85	9.95	-124.65	1604.05	-63.38
		-63.38	1604.05	-1.92	0.0	101.6	-39.17	4.76e-03	9.95	-124.65	2614.28	30.62
						203.1	-41.18	-1.84	9.95	-124.65	3624.52	-62.41
182	15	31.20	1.88	-2.02e-03	-3.68	0.0	-7.71	1.83	-0.02	0.08	1.88	-61.08
		-63.54	-1.34	4.16e-04	0.0	101.6	-9.73	-0.01	-0.02	0.08	0.27	31.20
						203.1	-11.74	-1.85	-0.02	0.08	-1.34	-63.54
182	17	31.25	2.35	-1.98e-03	-3.68	0.0	-7.07	1.83	-0.02	0.09	2.35	-61.11
		-63.41	-1.43	-1.22e-04	0.0	101.6	-9.09	-0.01	-0.02	0.09	0.46	31.25
						203.1	-11.10	-1.85	-0.02	0.09	-1.43	-63.41
182	19	30.80	2415.90	-2.32e-03	-3.68	0.0	-28.03	1.84	6.63	-83.08	1070.00	-62.48
		-62.95	1070.00	-1.28	0.0	101.6	-30.04	-2.27e-03	6.63	-83.08	1742.95	30.80
						203.1	-32.06	-1.84	6.63	-83.08	2415.90	-62.95
182	22	31.20	1.88	-2.02e-03	-3.68	0.0	-7.71	1.83	-0.02	0.08	1.88	-61.08
		-63.54	-1.34	4.16e-04	0.0	101.6	-9.73	-0.01	-0.02	0.08	0.27	31.20
						203.1	-11.74	-1.85	-0.02	0.08	-1.34	-63.54
182	24	31.23	2.11	-2.00e-03	-3.68	0.0	-7.39	1.83	-0.02	0.08	2.11	-61.10
		-63.47	-1.38	1.52e-04	0.0	101.6	-9.41	-0.01	-0.02	0.08	0.37	31.23
						203.1	-11.42	-1.85	-0.02	0.08	-1.38	-63.47
182	26	30.92	1690.73	-2.23e-03	-3.68	0.0	-21.93	1.84	4.63	-58.13	749.56	-62.06
		-63.12	749.56	-0.89	0.0	101.6	-23.95	-5.21e-03	4.63	-58.13	1220.14	30.92
						203.1	-25.97	-1.85	4.63	-58.13	1690.73	-63.12

182	29	31.20	1.88	-2.02e-03	-3.68	0.0	-7.71	1.83	-0.02	0.08	1.88	-61.08
		-63.54	-1.34	4.16e-04	0.0	101.6	-9.73	-0.01	-0.02	0.08	0.27	31.20
						203.1	-11.74	-1.85	-0.02	0.08	-1.34	-63.54
182	30	30.96	1449.01	-2.20e-03	-3.68	0.0	-19.90	1.84	3.97	-49.82	642.75	-61.92
		-63.18	642.75	-0.77	0.0	101.6	-21.92	-6.19e-03	3.97	-49.82	1045.88	30.96
						203.1	-23.93	-1.85	3.97	-49.82	1449.01	-63.18
182	31	31.22	2.02	-2.01e-03	-3.68	0.0	-7.52	1.83	-0.02	0.08	2.02	-61.09
		-63.50	-1.36	2.58e-04	0.0	101.6	-9.53	-0.01	-0.02	0.08	0.33	31.22
						203.1	-11.55	-1.85	-0.02	0.08	-1.36	-63.50
183	3	41.57	6.66	-2.48e-03	-4.82	0.0	-12.92	2.41	-0.07	0.41	6.66	-80.74
		-81.85	-6.80	1.27e-03	0.0	101.9	-15.54	-5.43e-03	-0.07	0.41	-0.07	41.57
						203.8	-18.16	-2.42	-0.07	0.41	-6.80	-81.85
183	5	31.83	3.31	-2.10e-03	-3.71	0.0	-4.11	1.85	-0.03	0.22	3.31	-62.05
		-63.30	-3.70	1.20e-03	0.0	101.9	-6.13	-6.16e-03	-0.03	0.22	-0.20	31.83
						203.8	-8.14	-1.86	-0.03	0.22	-3.70	-63.30
183	9	39.58	3437.43	-3.94e-03	-4.82	0.0	-66.50	2.26	-13.31	9.74	3437.43	-68.07
		-98.48	725.00	-0.97	0.0	101.9	-69.12	-0.15	-13.31	9.74	2081.21	39.58
						203.8	-71.74	-2.56	-13.31	9.74	725.00	-98.48
183	11	39.79	3439.06	-3.80e-03	-4.82	0.0	-72.06	2.26	-13.32	9.83	3439.06	-68.07
		-98.08	723.62	-0.97	0.0	101.9	-74.68	-0.15	-13.32	9.83	2081.34	39.79
						203.8	-77.30	-2.56	-13.32	9.83	723.62	-98.08
183	15	31.79	3.32	-2.08e-03	-3.71	0.0	-3.95	1.85	-0.03	0.22	3.32	-62.08
		-63.36	-3.71	1.20e-03	0.0	101.9	-5.97	-6.26e-03	-0.03	0.22	-0.20	31.79
						203.8	-7.98	-1.86	-0.03	0.22	-3.71	-63.36
183	17	31.98	4.88	-1.94e-03	-3.71	0.0	-9.24	1.85	-0.05	0.30	4.88	-62.08
		-62.98	-5.02	1.01e-03	0.0	101.9	-11.26	-4.39e-03	-0.05	0.30	-0.07	31.98
						203.8	-13.28	-1.86	-0.05	0.30	-5.02	-62.98
183	19	30.66	2292.06	-2.92e-03	-3.71	0.0	-44.97	1.75	-8.88	6.53	2292.06	-53.64
		-74.07	482.84	-0.64	0.0	101.9	-46.98	-0.10	-8.88	6.53	1387.45	30.66
						203.8	-49.00	-1.95	-8.88	6.53	482.84	-74.07
183	21	30.79	2293.14	-2.82e-03	-3.71	0.0	-48.68	1.76	-8.89	6.58	2293.14	-53.63
		-73.80	481.93	-0.65	0.0	101.9	-50.69	-0.10	-8.89	6.58	1387.54	30.79
						203.8	-52.71	-1.95	-8.89	6.58	481.93	-73.80
183	22	31.79	3.32	-2.08e-03	-3.71	0.0	-3.95	1.85	-0.03	0.22	3.32	-62.08
		-63.36	-3.71	1.20e-03	0.0	101.9	-5.97	-6.26e-03	-0.03	0.22	-0.20	31.79
						203.8	-7.98	-1.86	-0.03	0.22	-3.71	-63.36
183	24	31.88	4.10	-2.01e-03	-3.71	0.0	-6.60	1.85	-0.04	0.26	4.10	-62.08
		-63.17	-4.37	1.10e-03	0.0	101.9	-8.61	-5.32e-03	-0.04	0.26	-0.13	31.88
						203.8	-10.63	-1.86	-0.04	0.26	-4.37	-63.17
183	26	31.00	1605.44	-2.67e-03	-3.71	0.0	-32.66	1.78	-6.22	4.63	1605.44	-56.17
		-70.85	336.88	-0.45	0.0	101.9	-34.68	-0.07	-6.22	4.63	971.16	31.00
						203.8	-36.70	-1.93	-6.22	4.63	336.88	-70.85
183	28	31.05	1605.90	-2.62e-03	-3.71	0.0	-34.25	1.78	-6.23	4.66	1605.90	-56.17
		-70.74	336.48	-0.45	0.0	101.9	-36.27	-0.07	-6.23	4.66	971.19	31.05
						203.8	-38.28	-1.93	-6.23	4.66	336.48	-70.74
183	29	31.79	3.32	-2.08e-03	-3.71	0.0	-3.95	1.85	-0.03	0.22	3.32	-62.08
		-63.36	-3.71	1.20e-03	0.0	101.9	-5.97	-6.26e-03	-0.03	0.22	-0.20	31.79
						203.8	-7.98	-1.86	-0.03	0.22	-3.71	-63.36
183	30	31.11	1376.56	-2.58e-03	-3.71	0.0	-28.56	1.79	-5.34	4.00	1376.56	-57.01
		-69.78	288.22	-0.39	0.0	101.9	-30.58	-0.06	-5.34	4.00	832.39	31.11
						203.8	-32.59	-1.92	-5.34	4.00	288.22	-69.78
183	31	31.85	3.79	-2.04e-03	-3.71	0.0	-5.54	1.85	-0.04	0.25	3.79	-62.08
		-63.24	-4.11	1.14e-03	0.0	101.9	-7.55	-5.70e-03	-0.04	0.25	-0.16	31.85
						203.8	-9.57	-1.86	-0.04	0.25	-4.11	-63.24
183	32	31.17	1377.03	-2.54e-03	-3.71	0.0	-30.15	1.79	-5.34	4.03	1377.03	-57.01
		-69.67	287.83	-0.39	0.0	101.9	-32.17	-0.06	-5.34	4.03	832.43	31.17
						203.8	-34.18	-1.92	-5.34	4.03	287.83	-69.67
184	5	34.62	-1.22	-2.46e-03	-3.71	0.0	4.23	1.93	-0.05	-0.38	-1.22	-67.54
		-67.54	-10.46	-2.63e-03	0.0	101.9	6.25	0.08	-0.05	-0.38	-5.84	34.62
						203.8	8.26	-1.78	-0.05	-0.38	-10.46	-52.24
184	9	61.95	-109.84	-8.45e-03	-4.82	0.0	98.54	3.03	2.51	-5.92	-620.86	-131.81
		-131.81	-620.86	0.04	0.0	101.9	101.16	0.62	2.51	-5.92	-365.35	53.91
						203.8	103.78	-1.79	2.51	-5.92	-109.84	-6.08
184	11	62.01	-111.46	-8.23e-03	-4.82	0.0	102.79	3.02	2.51	-5.96	-622.60	-131.13
		-131.13	-622.60	0.04	0.0	101.9	105.41	0.61	2.51	-5.96	-367.03	54.10
						203.8	108.03	-1.80	2.51	-5.96	-111.46	-6.40
184	15	34.64	-1.24	-2.45e-03	-3.71	0.0	3.96	1.93	-0.05	-0.38	-1.24	-67.48
		-67.48	-10.44	-2.63e-03	0.0	101.9	5.98	0.07	-0.05	-0.38	-5.84	34.64
						203.8	7.99	-1.78	-0.05	-0.38	-10.44	-52.25
184	19	45.38	-74.63	-5.90e-03	-3.71	0.0	66.40	2.28	1.67	-4.00	-414.06	-96.91
		-96.91	-414.06	0.03	0.0	101.9	68.42	0.42	1.67	-4.00	-244.35	40.55

						203.8	70.44	-1.43	1.67	-4.00	-74.63	-11.01
184	21	45.42	-75.71	-5.78e-03	-3.71	0.0	69.23	2.27	1.67	-4.02	-415.22	-96.46
		-96.46	-415.22	0.03	0.0	101.9	71.25	0.42	1.67	-4.02	-245.47	40.67
						203.8	73.27	-1.44	1.67	-4.02	-75.71	-11.22
184	22	34.64	-1.24	-2.45e-03	-3.71	0.0	3.96	1.93	-0.05	-0.38	-1.24	-67.48
		-67.48	-10.44	-2.63e-03	0.0	101.9	5.98	0.07	-0.05	-0.38	-5.84	34.64
						203.8	7.99	-1.78	-0.05	-0.38	-10.44	-52.25
184	26	41.34	-55.37	-4.77e-03	-3.71	0.0	47.67	2.17	1.15	-2.91	-290.21	-88.08
		-88.08	-290.21	0.02	0.0	101.9	49.69	0.32	1.15	-2.91	-172.79	38.78
						203.8	51.70	-1.54	1.15	-2.91	-55.37	-23.38
184	28	41.38	-55.84	-4.72e-03	-3.71	0.0	48.88	2.17	1.15	-2.92	-290.71	-87.89
		-87.89	-290.71	0.02	0.0	101.9	50.90	0.32	1.15	-2.92	-173.27	38.83
						203.8	52.92	-1.54	1.15	-2.92	-55.84	-23.47
184	29	34.64	-1.24	-2.45e-03	-3.71	0.0	3.96	1.93	-0.05	-0.38	-1.24	-67.48
		-67.48	-10.44	-2.63e-03	0.0	101.9	5.98	0.07	-0.05	-0.38	-5.84	34.64
						203.8	7.99	-1.78	-0.05	-0.38	-10.44	-52.25
184	30	40.31	-48.96	-4.40e-03	-3.71	0.0	41.43	2.14	0.98	-2.55	-248.93	-85.14
		-85.14	-248.93	0.02	0.0	101.9	43.44	0.28	0.98	-2.55	-148.94	38.19
						203.8	45.46	-1.57	0.98	-2.55	-48.96	-27.51
184	32	40.35	-49.42	-4.34e-03	-3.71	0.0	42.64	2.14	0.98	-2.56	-249.43	-84.94
		-84.94	-249.43	0.02	0.0	101.9	44.66	0.28	0.98	-2.56	-149.42	38.24
						203.8	46.67	-1.57	0.98	-2.56	-49.42	-27.60
185	3	38.79	-1.88	-2.32e-03	-4.79	0.0	-0.33	2.44	-0.03	-0.02	-1.88	-87.72
		-87.72	-7.69	-1.49e-03	0.0	101.6	2.29	0.05	-0.03	-0.02	-4.79	38.79
						203.1	4.91	-2.35	-0.03	-0.02	-7.69	-77.84
185	7	30.33	-1.56	-1.87e-03	-3.68	0.0	-1.98	1.87	-0.02	-0.01	-1.56	-65.79
		-65.79	-6.42	-1.11e-03	0.0	101.6	0.04	0.03	-0.02	-0.01	-3.99	30.33
						203.1	2.05	-1.82	-0.02	-0.01	-6.42	-60.58
185	9	34.77	2617.03	-3.51e-03	-4.79	0.0	80.36	2.46	-29.69	173.82	2617.03	-93.52
		-93.52	-3414.14	0.91	0.0	101.6	82.98	0.07	-29.69	173.82	-398.56	34.77
						203.1	85.61	-2.33	-29.69	173.82	-3414.14	-80.08
185	11	35.00	2616.63	-3.45e-03	-4.79	0.0	79.79	2.46	-29.69	173.82	2616.63	-93.18
		-93.18	-3415.69	0.91	0.0	101.6	82.41	0.07	-29.69	173.82	-399.53	35.00
						203.1	85.03	-2.33	-29.69	173.82	-3415.69	-79.95
185	12	26.31	2617.35	-3.10e-03	-3.68	0.0	78.71	1.88	-29.68	173.83	2617.35	-71.59
		-71.59	-3412.86	0.91	0.0	101.6	80.73	0.04	-29.68	173.83	-397.76	26.31
						203.1	82.75	-1.80	-29.68	173.83	-3412.86	-62.82
185	17	29.98	-1.38	-1.84e-03	-3.68	0.0	-0.84	1.87	-0.02	-0.01	-1.38	-66.84
		-66.84	-5.69	-1.16e-03	0.0	101.6	1.18	0.03	-0.02	-0.01	-3.53	29.98
						203.1	3.20	-1.81	-0.02	-0.01	-5.69	-60.22
185	19	27.30	1744.56	-2.62e-03	-3.68	0.0	52.96	1.89	-19.79	115.88	1744.56	-70.71
		-70.71	-2276.65	0.61	0.0	101.6	54.97	0.04	-19.79	115.88	-266.05	27.30
						203.1	56.99	-1.80	-19.79	115.88	-2276.65	-61.71
185	21	27.46	1744.29	-2.58e-03	-3.68	0.0	52.57	1.88	-19.80	115.88	1744.29	-70.48
		-70.48	-2277.68	0.61	0.0	101.6	54.59	0.04	-19.80	115.88	-266.69	27.46
						203.1	56.61	-1.80	-19.80	115.88	-2277.68	-61.63
185	24	29.87	-1.19	-1.86e-03	-3.68	0.0	-0.56	1.87	-0.02	-0.02	-1.19	-67.00
		-67.00	-4.95	-1.20e-03	0.0	101.6	1.46	0.03	-0.02	-0.02	-3.07	29.87
						203.1	3.47	-1.81	-0.02	-0.02	-4.95	-60.28
185	26	28.04	1220.89	-2.37e-03	-3.68	0.0	36.99	1.88	-13.86	81.11	1220.89	-69.64
		-69.64	-1594.92	0.42	0.0	101.6	39.00	0.04	-13.86	81.11	-187.02	28.04
						203.1	41.02	-1.80	-13.86	81.11	-1594.92	-61.30
185	28	28.11	1220.78	-2.36e-03	-3.68	0.0	36.82	1.88	-13.86	81.11	1220.78	-69.55
		-69.55	-1595.36	0.42	0.0	101.6	38.84	0.04	-13.86	81.11	-187.29	28.11
						203.1	40.85	-1.80	-13.86	81.11	-1595.36	-61.26
185	30	28.29	1046.33	-2.29e-03	-3.68	0.0	31.66	1.88	-11.88	69.52	1046.33	-69.29
		-69.29	-1367.68	0.36	0.0	101.6	33.68	0.04	-11.88	69.52	-160.67	28.29
						203.1	35.69	-1.80	-11.88	69.52	-1367.68	-61.16
185	31	29.83	-1.11	-1.87e-03	-3.68	0.0	-0.45	1.87	-0.02	-0.02	-1.11	-67.06
		-67.06	-4.66	-1.22e-03	0.0	101.6	1.57	0.03	-0.02	-0.02	-2.88	29.83
						203.1	3.58	-1.81	-0.02	-0.02	-4.66	-60.30
185	32	28.35	1046.22	-2.27e-03	-3.68	0.0	31.50	1.88	-11.88	69.52	1046.22	-69.19
		-69.19	-1368.12	0.36	0.0	101.6	33.51	0.04	-11.88	69.52	-160.95	28.35
						203.1	35.53	-1.80	-11.88	69.52	-1368.12	-61.13
186	1	262.03	10.76	-2.58e-04	-34.81	0.0	15.45	31.52	-0.53	-5.67	10.76	-1192.19
		-1192.19	-43.72	4.56e-05	0.0	51.0	15.45	14.12	-0.53	-5.67	-16.48	-28.36
						102.0	15.45	-3.29	-0.53	-5.67	-43.72	247.87
186	3	279.16	2.84	-2.08e-04	-34.81	0.0	21.44	31.27	-0.45	-9.95	2.84	-1152.42
		-1152.42	-43.14	-1.31e-05	0.0	51.0	21.44	13.86	-0.45	-9.95	-20.15	-1.52
						102.0	21.44	-3.54	-0.45	-9.95	-43.14	261.78
186	5	196.09	8.12	-2.07e-04	-26.78	0.0	11.34	22.84	-0.41	-4.27	8.12	-796.63

		-796.63	-33.70	3.68e-05	0.0	51.0	11.34	9.45	-0.41	-4.27	-12.79	26.67
						102.0	11.34	-3.94	-0.41	-4.27	-33.70	167.21
186	9	78.04	730.01	-1.13e-04	-34.81	0.0	164.35	14.05	-39.83	1355.94	730.01	-209.87
		-551.61	-3332.62	-0.02	0.0	51.0	164.35	-3.35	-39.83	1355.94	-1301.31	63.06
						102.0	164.35	-20.75	-39.83	1355.94	-3332.62	-551.61
186	11	99.09	724.46	-9.75e-05	-34.81	0.0	168.54	13.88	-39.77	1352.94	724.46	-182.03
		-541.88	-3332.21	-0.02	0.0	51.0	168.54	-3.53	-39.77	1352.94	-1303.88	81.84
						102.0	168.54	-20.93	-39.77	1352.94	-3332.21	-541.88
186	15	199.18	8.21	-2.02e-04	-26.78	0.0	11.65	23.63	-0.41	-4.32	8.21	-864.70
		-864.70	-33.66	3.58e-05	0.0	51.0	11.65	10.25	-0.41	-4.32	-12.72	-0.73
						102.0	11.65	-3.14	-0.41	-4.32	-33.66	180.47
186	17	210.60	2.93	-1.69e-04	-26.78	0.0	15.64	23.47	-0.35	-7.18	2.93	-838.19
		-838.19	-33.28	3.86e-06	0.0	51.0	15.64	10.08	-0.35	-7.18	-15.17	17.16
						102.0	15.64	-3.31	-0.35	-7.18	-33.28	189.74
186	19	63.80	487.71	-1.02e-04	-26.78	0.0	110.91	11.99	-26.61	903.42	487.71	-209.82
		-352.52	-2226.26	-0.01	0.0	51.0	110.91	-1.40	-26.61	903.42	-869.28	60.21
						102.0	110.91	-14.79	-26.61	903.42	-2226.26	-352.52
186	21	77.07	484.01	-9.02e-05	-26.78	0.0	113.71	11.87	-26.57	901.42	484.01	-191.26
		-346.03	-2225.99	-0.01	0.0	51.0	113.71	-1.52	-26.57	901.42	-870.99	72.74
						102.0	113.71	-14.90	-26.57	901.42	-2225.99	-346.03
186	22	199.18	8.21	-2.02e-04	-26.78	0.0	11.65	23.63	-0.41	-4.32	8.21	-864.70
		-864.70	-33.66	3.58e-05	0.0	51.0	11.65	10.25	-0.41	-4.32	-12.72	-0.73
						102.0	11.65	-3.14	-0.41	-4.32	-33.66	180.47
186	24	204.89	5.57	-1.85e-04	-26.78	0.0	13.64	23.55	-0.38	-5.75	5.57	-851.45
		-851.45	-33.47	1.72e-05	0.0	51.0	13.64	10.16	-0.38	-5.75	-13.95	8.21
						102.0	13.64	-3.23	-0.38	-5.75	-33.47	185.11
186	26	49.95	343.86	-1.23e-04	-26.78	0.0	81.13	15.48	-18.75	631.10	343.86	-406.29
		-406.29	-1568.48	-9.39e-03	0.0	51.0	81.13	2.09	-18.75	631.10	-612.31	41.93
						102.0	81.13	-11.29	-18.75	631.10	-1568.48	-192.62
186	28	54.99	342.27	-1.16e-04	-26.78	0.0	82.33	15.43	-18.73	630.24	342.27	-398.33
		-398.33	-1568.36	-9.40e-03	0.0	51.0	82.33	2.04	-18.73	630.24	-613.05	47.30
						102.0	82.33	-11.34	-18.73	630.24	-1568.36	-189.84
186	29	199.18	8.21	-2.02e-04	-26.78	0.0	11.65	23.63	-0.41	-4.32	8.21	-864.70
		-864.70	-33.66	3.58e-05	0.0	51.0	11.65	10.25	-0.41	-4.32	-12.72	-0.73
						102.0	11.65	-3.14	-0.41	-4.32	-33.66	180.47
186	30	56.05	295.91	-1.32e-04	-26.78	0.0	71.21	16.65	-16.13	540.32	295.91	-471.77
		-471.77	-1349.22	-8.04e-03	0.0	51.0	71.21	3.26	-16.13	540.32	-526.66	35.83
						102.0	71.21	-10.13	-16.13	540.32	-1349.22	-139.32
186	31	202.61	6.63	-1.92e-04	-26.78	0.0	12.84	23.58	-0.39	-5.18	6.63	-856.75
		-856.75	-33.55	2.42e-05	0.0	51.0	12.84	10.20	-0.39	-5.18	-13.46	4.63
						102.0	12.84	-3.19	-0.39	-5.18	-33.55	183.25
186	32	60.77	294.32	-1.25e-04	-26.78	0.0	72.40	16.60	-16.11	539.46	294.32	-463.82
		-463.82	-1349.10	-8.05e-03	0.0	51.0	72.40	3.21	-16.11	539.46	-527.39	41.20
						102.0	72.40	-10.18	-16.11	539.46	-1349.10	-136.54

Trave	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	N	V 2	V 3	T
	-4.495e+04	-2.730e+04	-2.35	-1569.48	-1192.28	-955.00	-393.55	-2.772e+04
	2.489e+04	2.919e+04	2.34	360.00	422.43	1025.55	394.51	2.743e+04

Trave f.	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Pt	Pos.	N	V 2	V 3	T	M 2	M 3
		daN cm	daN cm	cm	daN/cm2	cm	daN	daN	daN	daN cm	daN cm	daN cm
30	1	9.851e+04	320.25	-7.36e-06	-8.70e-03	0.0	-1.30	942.47	18.47	-4014.72	-603.35	7.792e+04
		7.792e+04	-603.35	-5.99e-05		25.0	-1.30	403.33	18.47	-4011.08	-141.55	9.474e+04
						50.0	-1.30	-135.80	18.47	-4007.47	320.25	9.809e+04
30	3	1.069e+05	539.44	1.69e-04	-9.76e-03	0.0	-3.13	1341.21	14.62	1.750e+04	-191.40	6.672e+04
		6.672e+04	-191.40	-2.09e-05		25.0	-3.13	802.96	14.62	1.750e+04	174.02	9.352e+04
						50.0	-3.13	264.80	14.62	1.751e+04	539.44	1.069e+05
30	7	8.425e+04	454.79	1.69e-04	-7.75e-03	0.0	-2.87	1123.72	10.42	1.841e+04	-66.40	4.876e+04
		4.876e+04	-66.40	-7.71e-06		25.0	-2.87	709.89	10.42	1.842e+04	194.20	7.168e+04
						50.0	-2.87	296.14	10.42	1.842e+04	454.79	8.425e+04
30	9	8.537e+05	2.197e+05	-2.82e-04	-0.02	0.0	133.93	-3628.23	-1329.88	1.025e+06	2.197e+05	8.537e+05
		6.457e+05	1.532e+05	-3.37e-03		25.0	133.93	-4160.59	-1329.88	1.025e+06	1.864e+05	7.564e+05
						50.0	133.93	-4693.09	-1329.88	1.025e+06	1.532e+05	6.457e+05
30	12	8.358e+05	2.198e+05	-2.83e-04	-0.02	0.0	134.19	-3845.72	-1334.07	1.026e+06	2.198e+05	8.358e+05
		6.231e+05	1.531e+05	-3.36e-03		25.0	134.19	-4253.67	-1334.07	1.026e+06	1.865e+05	7.345e+05
						50.0	134.19	-4661.75	-1334.07	1.026e+06	1.531e+05	6.231e+05
30	14	8.279e+05	2.201e+05	-1.66e-04	-0.02	0.0	132.91	-3566.60	-1336.77	1.041e+06	2.201e+05	8.279e+05
		6.292e+05	1.533e+05	-3.33e-03		25.0	132.91	-3973.93	-1336.77	1.041e+06	1.867e+05	7.337e+05
						50.0	132.91	-4381.33	-1336.77	1.041e+06	1.533e+05	6.292e+05
30	15	7.579e+04	241.68	-5.66e-06	-6.69e-03	0.0	-1.01	724.98	14.24	-3094.31	-470.30	5.994e+04

		5.994e+04	-470.30	-4.64e-05		25.0	-1.01	310.26	14.24	-3091.51	-114.31	7.288e+04
						50.0	-1.01	-104.46	14.24	-3088.73	241.68	7.546e+04
30	17	8.131e+04	387.80	1.13e-04	-7.40e-03	0.0	-2.24	990.80	11.67	1.125e+04	-195.67	5.248e+04
		5.248e+04	-195.67	-2.04e-05		25.0	-2.24	576.68	11.67	1.125e+04	96.06	7.207e+04
						50.0	-2.24	162.61	11.67	1.126e+04	387.80	8.131e+04
30	19	5.772e+05	1.464e+05	-1.88e-04	-0.01	0.0	89.14	-2322.16	-884.66	6.827e+05	1.464e+05	5.772e+05
		4.405e+05	1.022e+05	-2.25e-03		25.0	89.14	-2732.36	-884.66	6.828e+05	1.243e+05	5.140e+05
						50.0	89.14	-3142.66	-884.66	6.828e+05	1.022e+05	4.405e+05
30	21	5.719e+05	1.466e+05	-1.10e-04	-0.02	0.0	88.28	-2136.08	-886.46	6.928e+05	1.466e+05	5.719e+05
		4.446e+05	1.023e+05	-2.23e-03		25.0	88.28	-2545.87	-886.46	6.928e+05	1.244e+05	5.134e+05
						50.0	88.28	-2955.71	-886.46	6.928e+05	1.023e+05	4.446e+05
30	22	7.579e+04	241.68	-5.66e-06	-6.69e-03	0.0	-1.01	724.98	14.24	-3094.31	-470.30	5.994e+04
		5.994e+04	-470.30	-4.64e-05		25.0	-1.01	310.26	14.24	-3091.51	-114.31	7.288e+04
						50.0	-1.01	-104.46	14.24	-3088.73	241.68	7.546e+04
30	24	7.839e+04	314.74	5.76e-05	-7.04e-03	0.0	-1.63	857.89	12.95	4076.81	-332.99	5.621e+04
		5.621e+04	-332.99	-3.34e-05		25.0	-1.63	443.47	12.95	4079.99	-9.12	7.248e+04
						50.0	-1.63	29.07	12.95	4083.20	314.74	7.839e+04
30	26	4.220e+05	1.023e+05	1.31e-04	-0.01	0.0	62.09	-1408.02	-614.99	4.770e+05	1.023e+05	4.220e+05
		3.310e+05	7.158e+04	-1.59e-03		25.0	62.09	-1819.57	-614.99	4.770e+05	8.696e+04	3.816e+05
						50.0	62.09	-2231.20	-614.99	4.770e+05	7.158e+04	3.310e+05
30	28	4.198e+05	1.024e+05	9.76e-05	-0.01	0.0	61.73	-1328.27	-615.76	4.813e+05	1.024e+05	4.198e+05
		3.328e+05	7.163e+04	-1.58e-03		25.0	61.73	-1739.65	-615.76	4.813e+05	8.702e+04	3.814e+05
						50.0	61.73	-2151.08	-615.76	4.813e+05	7.163e+04	3.328e+05
30	29	7.579e+04	241.68	-5.66e-06	-6.69e-03	0.0	-1.01	724.98	14.24	-3094.31	-470.30	5.994e+04
		5.994e+04	-470.30	-4.64e-05		25.0	-1.01	310.26	14.24	-3091.51	-114.31	7.288e+04
						50.0	-1.01	-104.46	14.24	-3088.73	241.68	7.546e+04
30	30	3.703e+05	8.765e+04	1.12e-04	-0.01	0.0	53.08	-1103.30	-525.10	4.084e+05	8.765e+04	3.703e+05
		2.945e+05	6.139e+04	-1.37e-03		25.0	53.08	-1515.31	-525.10	4.084e+05	7.452e+04	3.375e+05
						50.0	53.08	-1927.38	-525.10	4.084e+05	6.139e+04	2.945e+05
30	31	7.721e+04	285.51	3.54e-05	-6.90e-03	0.0	-1.38	804.72	13.47	1208.36	-387.91	5.770e+04
		5.770e+04	-387.91	-3.86e-05		25.0	-1.38	390.18	13.47	1211.39	-51.20	7.264e+04
						50.0	-1.38	-24.34	13.47	1214.43	285.51	7.721e+04
30	32	3.680e+05	8.773e+04	7.86e-05	-0.01	0.0	52.71	-1023.56	-525.87	4.127e+05	8.773e+04	3.680e+05
		2.963e+05	6.144e+04	-1.36e-03		25.0	52.71	-1435.39	-525.87	4.127e+05	7.458e+04	3.373e+05
						50.0	52.71	-1847.26	-525.87	4.128e+05	6.144e+04	2.963e+05
147	1	4.172e+04	95.40	-2.09e-05	-7.71e-03	0.0	3.51	1346.92	0.92	988.13	-42.28	-147.82
		-4.118e+04	-42.28	1.79e-06		75.0	3.51	-273.54	0.92	996.68	26.56	4.010e+04
						150.0	3.51	-1894.01	0.92	1005.31	95.40	-4.118e+04
147	5	3.209e+04	73.35	-1.60e-05	-5.93e-03	0.0	2.70	1036.09	0.71	760.06	-32.63	-113.76
		-3.168e+04	-32.63	1.38e-06		75.0	2.70	-210.41	0.71	766.64	20.36	3.085e+04
						150.0	2.70	-1456.93	0.71	773.28	73.35	-3.168e+04
147	11	9636.89	2.798e+04	5.25e-03	-0.02	0.0	170.59	-1503.38	-148.67	7.956e+05	2.798e+04	9636.89
		-4.549e+05	5681.93	0.01		75.0	170.59	-3095.59	-148.67	7.957e+05	1.683e+04	-1.628e+05
						150.0	170.59	-4695.65	-148.67	7.959e+05	5681.93	-4.549e+05
147	14	9670.95	2.799e+04	5.25e-03	-0.02	0.0	169.78	-1814.21	-148.88	7.954e+05	2.799e+04	9670.95
		-4.454e+05	5659.88	0.01		75.0	169.78	-3032.47	-148.88	7.955e+05	1.683e+04	-1.720e+05
						150.0	169.78	-4258.57	-148.88	7.957e+05	5659.88	-4.454e+05
147	15	3.209e+04	73.37	-1.60e-05	-5.93e-03	0.0	2.70	1036.09	0.71	760.08	-32.57	-113.73
		-3.168e+04	-32.57	1.38e-06		75.0	2.70	-210.41	0.71	766.66	20.40	3.085e+04
						150.0	2.70	-1456.93	0.71	773.30	73.37	-3.168e+04
147	21	6409.41	1.865e+04	3.50e-03	-0.01	0.0	114.09	-864.11	-99.02	5.305e+05	1.865e+04	6409.41
		-3.075e+05	3797.72	6.80e-03		75.0	114.09	-2091.78	-99.02	5.306e+05	1.122e+04	-1.044e+05
						150.0	114.09	-3324.69	-99.02	5.307e+05	3797.72	-3.075e+05
147	22	3.209e+04	73.37	-1.60e-05	-5.93e-03	0.0	2.70	1036.09	0.71	760.08	-32.57	-113.73
		-3.168e+04	-32.57	1.38e-06		75.0	2.70	-210.41	0.71	766.66	20.40	3.085e+04
						150.0	2.70	-1456.93	0.71	773.30	73.37	-3.168e+04
147	28	4451.20	1.304e+04	2.45e-03	-0.01	0.0	80.66	-293.98	-69.10	3.716e+05	1.304e+04	4451.20
		-2.247e+05	2679.06	4.76e-03		75.0	80.66	-1527.31	-69.10	3.716e+05	7861.60	-6.382e+04
						150.0	80.66	-2764.30	-69.10	3.717e+05	2679.06	-2.247e+05
147	29	3.209e+04	73.37	-1.60e-05	-5.93e-03	0.0	2.70	1036.09	0.71	760.08	-32.57	-113.73
		-3.168e+04	-32.57	1.38e-06		75.0	2.70	-210.41	0.71	766.66	20.40	3.085e+04
						150.0	2.70	-1456.93	0.71	773.30	73.37	-3.168e+04
147	32	3799.36	1.118e+04	2.10e-03	-0.01	0.0	69.52	-103.99	-59.13	3.186e+05	1.118e+04	3799.36
		-1.972e+05	2307.12	4.08e-03		75.0	69.52	-1339.19	-59.13	3.186e+05	6741.77	-5.030e+04
						150.0	69.52	-2577.55	-59.13	3.187e+05	2307.12	-1.972e+05
148	3	1.074e+05	531.65	6.18e-05	-9.83e-03	0.0	-2.97	22.92	-0.03	1.536e+04	531.65	1.074e+05
		1.011e+05	531.01	-9.51e-06		12.5	-2.97	-251.06	-0.03	1.536e+04	531.33	1.060e+05
						25.0	-2.97	-525.03	-0.03	1.536e+04	531.01	1.011e+05
148	5	7.563e+04	323.85	1.58e-05	-6.69e-03	0.0	-0.44	-59.73	3.89	-2486.57	226.69	7.563e+04
		6.895e+04	226.69	-2.31e-05		12.5	-0.44	-267.28	3.89	-2485.19	275.27	7.358e+04
						25.0	-0.44	-474.83	3.89	-2483.82	323.85	6.895e+04

148	11	6.444e+05	1.471e+05	2.38e-04	-0.02	0.0	287.13	-4253.70	-2525.87	1.043e+06	1.471e+05	6.444e+05
		5.313e+05	8.400e+04	-1.27e-03		12.5	287.13	-4523.20	-2525.87	1.043e+06	1.156e+05	5.896e+05
						25.0	287.13	-4792.76	-2525.87	1.043e+06	8.400e+04	5.313e+05
148	12	6.154e+05	1.469e+05	2.91e-04	-0.02	0.0	288.94	-4306.23	-2523.44	1.031e+06	1.469e+05	6.154e+05
		5.026e+05	8.382e+04	-1.28e-03		12.5	288.94	-4510.55	-2523.44	1.031e+06	1.154e+05	5.603e+05
						25.0	288.94	-4714.94	-2523.44	1.031e+06	8.382e+04	5.026e+05
148	15	7.562e+04	328.37	1.58e-05	-6.69e-03	0.0	-0.43	-59.66	3.82	-2477.95	232.83	7.562e+04
		6.894e+04	232.83	-2.29e-05		12.5	-0.43	-267.20	3.82	-2476.57	280.60	7.358e+04
						25.0	-0.43	-474.76	3.82	-2475.19	328.37	6.894e+04
148	17	8.170e+04	394.77	3.91e-05	-7.44e-03	0.0	-2.05	7.28	0.54	9901.08	381.38	8.170e+04
		7.663e+04	381.38	-9.53e-06		12.5	-2.05	-203.05	0.54	9902.93	388.08	8.048e+04
						25.0	-2.05	-413.37	0.54	9904.81	394.77	7.663e+04
148	19	4.354e+05	9.802e+04	1.99e-04	-0.02	0.0	192.49	-2890.66	-1681.06	6.863e+05	9.802e+04	4.354e+05
		3.580e+05	5.600e+04	-8.59e-04		12.5	192.49	-3096.05	-1681.06	6.863e+05	7.701e+04	3.980e+05
						25.0	192.49	-3301.49	-1681.06	6.863e+05	5.600e+04	3.580e+05
148	21	4.397e+05	9.813e+04	1.61e-04	-0.02	0.0	191.36	-2843.81	-1683.36	6.950e+05	9.813e+04	4.397e+05
		3.634e+05	5.604e+04	-8.49e-04		12.5	191.36	-3051.14	-1683.36	6.950e+05	7.708e+04	4.029e+05
						25.0	191.36	-3258.52	-1683.36	6.950e+05	5.604e+04	3.634e+05
148	22	7.562e+04	328.37	1.58e-05	-6.69e-03	0.0	-0.43	-59.66	3.82	-2477.95	232.83	7.562e+04
		6.894e+04	232.83	-2.29e-05		12.5	-0.43	-267.20	3.82	-2476.57	280.60	7.358e+04
						25.0	-0.43	-474.76	3.82	-2475.19	328.37	6.894e+04
148	24	7.866e+04	361.57	1.16e-05	-7.06e-03	0.0	-1.24	-26.19	2.18	3711.57	307.11	7.866e+04
		7.278e+04	307.11	-1.62e-05		12.5	-1.24	-235.13	2.18	3713.18	334.34	7.703e+04
						25.0	-1.24	-444.07	2.18	3714.81	361.57	7.278e+04
148	26	3.275e+05	6.869e+04	1.44e-04	-0.01	0.0	134.61	-2041.36	-1175.60	4.797e+05	6.869e+04	3.275e+05
		2.713e+05	3.930e+04	-6.08e-04		12.5	134.61	-2247.40	-1175.60	4.797e+05	5.399e+04	3.007e+05
						25.0	134.61	-2453.47	-1175.60	4.797e+05	3.930e+04	2.713e+05
148	28	3.293e+05	6.873e+04	1.28e-04	-0.01	0.0	134.13	-2021.28	-1176.58	4.834e+05	6.873e+04	3.293e+05
		2.736e+05	3.932e+04	-6.04e-04		12.5	134.13	-2228.15	-1176.58	4.834e+05	5.402e+04	3.028e+05
						25.0	134.13	-2435.06	-1176.58	4.834e+05	3.932e+04	2.736e+05
148	29	7.562e+04	328.37	1.58e-05	-6.69e-03	0.0	-0.43	-59.66	3.82	-2477.95	232.83	7.562e+04
		6.894e+04	232.83	-2.29e-05		12.5	-0.43	-267.20	3.82	-2476.57	280.60	7.358e+04
						25.0	-0.43	-474.76	3.82	-2475.19	328.37	6.894e+04
148	30	2.915e+05	5.891e+04	1.26e-04	-0.01	0.0	115.32	-1758.26	-1007.11	4.108e+05	5.891e+04	2.915e+05
		2.424e+05	3.373e+04	-5.24e-04		12.5	115.32	-1964.51	-1007.11	4.108e+05	4.632e+04	2.682e+05
						25.0	115.32	-2170.80	-1007.11	4.108e+05	3.373e+04	2.424e+05
148	31	7.744e+04	348.29	-1.50e-06	-6.90e-03	0.0	-0.92	-39.58	2.84	1235.76	277.39	7.744e+04
		7.124e+04	277.39	-1.89e-05		12.5	-0.92	-247.96	2.84	1237.28	312.84	7.565e+04
						25.0	-0.92	-456.34	2.84	1238.81	348.29	7.124e+04
148	32	2.933e+05	5.895e+04	1.09e-04	-0.01	0.0	114.84	-1738.18	-1008.09	4.145e+05	5.895e+04	2.933e+05
		2.447e+05	3.375e+04	-5.20e-04		12.5	114.84	-1945.27	-1008.09	4.145e+05	4.635e+04	2.703e+05
						25.0	114.84	-2152.38	-1008.09	4.145e+05	3.375e+04	2.447e+05
149	1	9781.54	191.23	7.78e-06	-7.69e-03	0.0	3.58	-198.79	-0.65	1602.24	191.23	9781.54
		-6.590e+04	142.61	5.14e-06		37.5	3.58	-1009.06	-0.65	1606.65	166.92	-1.287e+04
						75.0	3.58	-1819.34	-0.65	1611.09	142.61	-6.590e+04
149	3	9718.89	202.46	7.05e-06	-7.69e-03	0.0	3.68	-198.85	-0.64	1693.19	202.46	9718.89
		-6.596e+04	154.49	5.03e-06		37.5	3.68	-1009.11	-0.64	1697.61	178.48	-1.293e+04
						75.0	3.68	-1819.39	-0.64	1702.06	154.49	-6.596e+04
149	5	7524.28	147.12	5.99e-06	-5.91e-03	0.0	2.75	-152.91	-0.50	1232.47	147.12	7524.28
		-5.069e+04	109.77	3.96e-06		37.5	2.75	-776.20	-0.50	1235.86	128.44	-9896.51
						75.0	2.75	-1399.49	-0.50	1239.27	109.77	-5.069e+04
149	11	-4.394e+05	-4.942e+04	-1.36e-03	-0.02	0.0	186.43	-693.87	1161.78	3.177e+05	-1.366e+05	-4.394e+05
		-5.519e+05	-1.366e+05	3.50e-03		37.5	186.43	-1499.20	1161.78	3.179e+05	-9.299e+04	-4.805e+05
						75.0	186.43	-2305.55	1161.78	3.180e+05	-4.942e+04	-5.519e+05
149	12	-4.416e+05	-4.946e+04	-1.36e-03	-0.02	0.0	185.54	-647.95	1161.93	3.173e+05	-1.366e+05	-4.416e+05
		-5.366e+05	-1.366e+05	3.49e-03		37.5	185.54	-1266.31	1161.93	3.174e+05	-9.303e+04	-4.775e+05
						75.0	185.54	-1885.66	1161.93	3.176e+05	-4.946e+04	-5.366e+05
149	15	7524.27	147.11	5.99e-06	-5.91e-03	0.0	2.75	-152.91	-0.50	1232.48	147.11	7524.27
		-5.069e+04	109.73	3.96e-06		37.5	2.75	-776.20	-0.50	1235.87	128.42	-9896.53
						75.0	2.75	-1399.49	-0.50	1239.29	109.73	-5.069e+04
149	17	7482.50	154.59	5.50e-06	-5.92e-03	0.0	2.82	-152.95	-0.49	1293.11	154.59	7482.50
		-5.074e+04	117.65	3.88e-06		37.5	2.82	-776.24	-0.49	1296.51	136.12	-9939.73
						75.0	2.82	-1399.52	-0.49	1299.94	117.65	-5.074e+04
149	19	-2.919e+05	-3.294e+04	-9.06e-04	-0.01	0.0	124.61	-482.94	774.45	2.119e+05	-9.102e+04	-2.919e+05
		-3.746e+05	-9.102e+04	2.33e-03		37.5	124.61	-1102.94	774.45	2.120e+05	-6.198e+04	-3.217e+05
						75.0	124.61	-1723.60	774.45	2.121e+05	-3.294e+04	-3.746e+05
149	21	-2.919e+05	-3.293e+04	-9.05e-04	-0.01	0.0	124.65	-482.97	774.46	2.120e+05	-9.102e+04	-2.919e+05
		-3.747e+05	-9.102e+04	2.33e-03		37.5	124.65	-1102.96	774.46	2.121e+05	-6.197e+04	-3.217e+05
						75.0	124.65	-1723.63	774.46	2.122e+05	-3.293e+04	-3.747e+05
149	22	7524.27	147.11	5.99e-06	-5.91e-03	0.0	2.75	-152.91	-0.50	1232.48	147.11	7524.27
		-5.069e+04	109.73	3.96e-06		37.5	2.75	-776.20	-0.50	1235.87	128.42	-9896.53

						75.0	2.75	-1399.49	-0.50	1239.29	109.73	-5.069e+04
149	24	7503.39	150.85	5.74e-06	-5.92e-03	0.0	2.79	-152.93	-0.50	1262.80	150.85	7503.39
		-5.071e+04	113.69	3.92e-06		37.5	2.79	-776.22	-0.50	1266.19	132.27	-9918.13
						75.0	2.79	-1399.51	-0.50	1269.61	113.69	-5.071e+04
149	26	-2.021e+05	-2.302e+04	-6.36e-04	-0.01	0.0	88.05	-383.93	541.97	1.487e+05	-6.367e+04	-2.021e+05
		-2.775e+05	-6.367e+04	1.63e-03		37.5	88.05	-1004.91	541.97	1.488e+05	-4.335e+04	-2.281e+05
						75.0	88.05	-1626.37	541.97	1.489e+05	-2.302e+04	-2.775e+05
149	28	-2.021e+05	-2.302e+04	-6.36e-04	-0.01	0.0	88.07	-383.94	541.97	1.487e+05	-6.367e+04	-2.021e+05
		-2.775e+05	-6.367e+04	1.63e-03		37.5	88.07	-1004.93	541.97	1.488e+05	-4.334e+04	-2.281e+05
						75.0	88.07	-1626.38	541.97	1.489e+05	-2.302e+04	-2.775e+05
149	29	7524.27	147.11	5.99e-06	-5.91e-03	0.0	2.75	-152.91	-0.50	1232.48	147.11	7524.27
		-5.069e+04	109.73	3.96e-06		37.5	2.75	-776.20	-0.50	1235.87	128.42	-9896.53
						75.0	2.75	-1399.49	-0.50	1239.29	109.73	-5.069e+04
149	30	-1.721e+05	-1.972e+04	-5.46e-04	-0.01	0.0	75.87	-350.93	464.47	1.277e+05	-5.455e+04	-1.721e+05
		-2.451e+05	-5.455e+04	1.40e-03		37.5	75.87	-972.24	464.47	1.277e+05	-3.714e+04	-1.970e+05
						75.0	75.87	-1593.96	464.47	1.278e+05	-1.972e+04	-2.451e+05
149	31	7511.74	149.35	5.84e-06	-5.92e-03	0.0	2.77	-152.92	-0.50	1250.67	149.35	7511.74
		-5.070e+04	112.11	3.93e-06		37.5	2.77	-776.21	-0.50	1254.07	130.73	-9909.49
						75.0	2.77	-1399.50	-0.50	1257.48	112.11	-5.070e+04
149	32	-1.722e+05	-1.972e+04	-5.46e-04	-0.01	0.0	75.89	-350.94	464.47	1.277e+05	-5.455e+04	-1.722e+05
		-2.451e+05	-5.455e+04	1.40e-03		37.5	75.89	-972.25	464.47	1.277e+05	-3.713e+04	-1.970e+05
						75.0	75.89	-1593.97	464.47	1.278e+05	-1.972e+04	-2.451e+05
150	1	3.465e+04	176.80	5.02e-05	-7.55e-03	0.0	-2.69	-439.15	-14.00	-2030.01	176.80	3.465e+04
		-202.51	-383.04	2.94e-05		20.0	-2.69	-871.40	-14.00	-2027.85	-103.12	2.155e+04
						40.0	-2.69	-1303.67	-14.00	-2025.70	-383.04	-202.51
150	3	4.788e+04	139.67	1.66e-04	-8.80e-03	0.0	-3.97	-776.70	-11.91	-2.248e+04	139.67	4.788e+04
		-443.29	-336.92	-2.54e-06		20.0	-3.97	-1208.02	-11.91	-2.248e+04	-98.62	2.803e+04
						40.0	-3.97	-1639.40	-11.91	-2.248e+04	-336.92	-443.29
150	12	1.832e+04	7.603e+04	9.03e-04	-0.01	0.0	408.97	1477.65	533.78	-7.708e+05	5.468e+04	-2.765e+04
		-2.765e+04	5.468e+04	-8.13e-03		20.0	408.97	1149.32	533.78	-7.708e+05	6.535e+04	-1383.21
						40.0	408.97	821.34	533.78	-7.707e+05	7.603e+04	1.832e+04
150	14	1.815e+04	7.606e+04	8.22e-04	-0.01	0.0	408.08	1241.36	535.24	-7.851e+05	5.465e+04	-1.840e+04
		-1.840e+04	5.465e+04	-8.15e-03		20.0	408.08	913.69	535.24	-7.851e+05	6.536e+04	3154.58
						40.0	408.08	586.33	535.24	-7.851e+05	7.606e+04	1.815e+04
150	15	2.666e+04	133.80	3.86e-05	-5.81e-03	0.0	-2.08	-337.82	-10.77	-1555.72	133.80	2.666e+04
		-156.25	-297.08	2.29e-05		20.0	-2.08	-670.32	-10.77	-1554.06	-81.64	1.658e+04
						40.0	-2.08	-1002.84	-10.77	-1552.41	-297.08	-156.25
150	17	3.547e+04	109.05	1.15e-04	-6.64e-03	0.0	-2.94	-562.85	-9.38	-1.519e+04	109.05	3.547e+04
		-316.77	-266.33	1.60e-06		20.0	-2.94	-894.73	-9.38	-1.519e+04	-78.64	2.090e+04
						40.0	-2.94	-1226.66	-9.38	-1.519e+04	-266.33	-316.77
150	19	1.216e+04	5.059e+04	5.89e-04	-0.01	0.0	271.97	872.50	352.27	-5.144e+05	3.650e+04	-9549.23
		-9549.23	3.650e+04	-5.41e-03		20.0	271.97	542.78	352.27	-5.144e+05	4.354e+04	4603.18
						40.0	271.97	213.29	352.27	-5.143e+05	5.059e+04	1.216e+04
150	21	1.205e+04	5.061e+04	5.35e-04	-0.01	0.0	271.37	714.98	353.24	-5.239e+05	3.648e+04	-3377.99
		-3377.99	3.648e+04	-5.43e-03		20.0	271.37	385.69	353.24	-5.239e+05	4.355e+04	7628.37
						40.0	271.37	56.62	353.24	-5.239e+05	5.061e+04	1.205e+04
150	22	2.666e+04	133.80	3.86e-05	-5.81e-03	0.0	-2.08	-337.82	-10.77	-1555.72	133.80	2.666e+04
		-156.25	-297.08	2.29e-05		20.0	-2.08	-670.32	-10.77	-1554.06	-81.64	1.658e+04
						40.0	-2.08	-1002.84	-10.77	-1552.41	-297.08	-156.25
150	24	3.106e+04	121.42	7.70e-05	-6.22e-03	0.0	-2.51	-450.34	-10.08	-8374.03	121.42	3.106e+04
		-236.51	-281.71	1.23e-05		20.0	-2.51	-782.53	-10.08	-8371.98	-80.14	1.874e+04
						40.0	-2.51	-1114.75	-10.08	-8369.96	-281.71	-236.51
150	26	9157.19	3.532e+04	4.01e-04	-9.37e-03	0.0	189.75	509.40	243.36	-3.605e+05	2.559e+04	1312.54
		1312.54	2.559e+04	-3.78e-03		20.0	189.75	178.85	243.36	-3.605e+05	3.046e+04	8194.82
						40.0	189.75	-151.55	243.36	-3.605e+05	3.532e+04	8467.58
150	28	9863.33	3.533e+04	3.78e-04	-9.61e-03	0.0	189.50	441.89	243.77	-3.646e+05	2.558e+04	3957.36
		3957.36	2.558e+04	-3.79e-03		20.0	189.50	111.53	243.77	-3.646e+05	3.046e+04	9491.33
						40.0	189.50	-218.69	243.77	-3.646e+05	3.533e+04	8419.42
150	29	2.666e+04	133.80	3.86e-05	-5.81e-03	0.0	-2.08	-337.82	-10.77	-1555.72	133.80	2.666e+04
		-156.25	-297.08	2.29e-05		20.0	-2.08	-670.32	-10.77	-1554.06	-81.64	1.658e+04
						40.0	-2.08	-1002.84	-10.77	-1552.41	-297.08	-156.25
150	30	9484.20	3.023e+04	3.38e-04	-8.86e-03	0.0	162.35	388.37	207.05	-3.092e+05	2.195e+04	4933.13
		4933.13	2.195e+04	-3.24e-03		20.0	162.35	57.54	207.05	-3.092e+05	2.609e+04	9392.03
						40.0	162.35	-273.16	207.05	-3.092e+05	3.023e+04	7235.60
150	31	2.930e+04	126.37	6.17e-05	-6.06e-03	0.0	-2.34	-405.33	-10.36	-5646.71	126.37	2.930e+04
		-204.40	-287.86	1.65e-05		20.0	-2.34	-737.64	-10.36	-5644.81	-80.74	1.787e+04
						40.0	-2.34	-1069.98	-10.36	-5642.94	-287.86	-204.40
150	32	1.069e+04	3.024e+04	3.15e-04	-9.11e-03	0.0	162.09	320.86	207.47	-3.133e+05	2.195e+04	7577.95
		7187.44	2.195e+04	-3.24e-03		20.0	162.09	-9.78	207.47	-3.133e+05	2.609e+04	1.069e+04
						40.0	162.09	-340.31	207.47	-3.133e+05	3.024e+04	7187.44
151	1	1.016e+04	191.23	9.23e-06	-7.69e-03	0.0	3.59	1489.48	1.28	1594.58	95.45	-4.116e+04

		-4.116e+04	95.45	2.61e-06		37.5	3.59	679.22	1.28	1598.93	143.34	-494.83
						75.0	3.59	-131.04	1.28	1603.31	191.23	9783.70
151	5	7815.83	147.12	7.10e-06	-5.92e-03	0.0	2.76	1145.76	0.98	1226.57	73.39	-3.166e+04
		-3.166e+04	73.39	2.01e-06		37.5	2.76	522.48	0.98	1229.92	110.25	-380.64
						75.0	2.76	-100.80	0.98	1233.29	147.12	7525.94
151	11	-4.305e+04	5835.22	1.97e-03	-0.02	0.0	190.02	983.45	-1898.51	7.418e+05	5835.22	-4.531e+05
		-4.531e+05	-1.366e+05	4.99e-03		37.5	190.02	180.82	-1898.51	7.419e+05	-6.536e+04	-4.313e+05
						75.0	190.02	-623.28	-1898.51	7.420e+05	-1.366e+05	-4.396e+05
151	12	-4.311e+04	5805.66	1.97e-03	-0.02	0.0	189.05	639.77	-1898.81	7.413e+05	5805.66	-4.436e+05
		-4.436e+05	-1.366e+05	4.99e-03		37.5	189.05	24.11	-1898.81	7.415e+05	-6.540e+04	-4.311e+05
						75.0	189.05	-593.00	-1898.81	7.416e+05	-1.366e+05	-4.418e+05
151	15	7815.82	147.11	7.10e-06	-5.92e-03	0.0	2.76	1145.76	0.98	1226.59	73.40	-3.166e+04
		-3.166e+04	73.40	2.01e-06		37.5	2.76	522.48	0.98	1229.94	110.26	-380.64
						75.0	2.76	-100.80	0.98	1233.30	147.11	7525.93
151	19	-2.865e+05	3894.92	1.32e-03	-0.01	0.0	126.96	808.43	-1265.55	4.946e+05	3894.92	-3.063e+05
		-3.063e+05	-9.102e+04	3.32e-03		37.5	126.96	190.23	-1265.55	4.947e+05	-4.356e+04	-2.875e+05
						75.0	126.96	-428.94	-1265.55	4.948e+05	-9.102e+04	-2.920e+05
151	21	-2.865e+05	3899.92	1.32e-03	-0.01	0.0	127.05	808.40	-1265.54	4.947e+05	3899.92	-3.063e+05
		-3.063e+05	-9.102e+04	3.32e-03		37.5	127.05	190.21	-1265.54	4.948e+05	-4.356e+04	-2.876e+05
						75.0	127.05	-428.96	-1265.54	4.948e+05	-9.102e+04	-2.921e+05
151	22	7815.82	147.11	7.10e-06	-5.92e-03	0.0	2.76	1145.76	0.98	1226.59	73.40	-3.166e+04
		-3.166e+04	73.40	2.01e-06		37.5	2.76	522.48	0.98	1229.94	110.26	-380.64
						75.0	2.76	-100.80	0.98	1233.30	147.11	7525.93
151	26	-1.989e+05	2748.47	9.23e-04	-0.01	0.0	89.70	909.63	-885.59	3.466e+05	2748.47	-2.239e+05
		-2.239e+05	-6.367e+04	2.33e-03		37.5	89.70	289.91	-885.59	3.467e+05	-3.046e+04	-2.014e+05
						75.0	89.70	-330.49	-885.59	3.467e+05	-6.367e+04	-2.022e+05
151	28	-1.989e+05	2750.61	9.23e-04	-0.01	0.0	89.74	909.62	-885.59	3.466e+05	2750.61	-2.239e+05
		-2.239e+05	-6.367e+04	2.33e-03		37.5	89.74	289.90	-885.59	3.467e+05	-3.046e+04	-2.014e+05
						75.0	89.74	-330.50	-885.59	3.467e+05	-6.367e+04	-2.022e+05
151	29	7815.82	147.11	7.10e-06	-5.92e-03	0.0	2.76	1145.76	0.98	1226.59	73.40	-3.166e+04
		-3.166e+04	73.40	2.01e-06		37.5	2.76	522.48	0.98	1229.94	110.26	-380.64
						75.0	2.76	-100.80	0.98	1233.30	147.11	7525.93
151	30	-1.695e+05	2366.31	7.92e-04	-0.01	0.0	77.28	943.36	-758.94	2.973e+05	2366.31	-1.964e+05
		-1.964e+05	-5.455e+04	2.00e-03		37.5	77.28	323.13	-758.94	2.973e+05	-2.609e+04	-1.727e+05
						75.0	77.28	-297.68	-758.94	2.974e+05	-5.455e+04	-1.722e+05
151	32	-1.695e+05	2368.46	7.92e-04	-0.01	0.0	77.32	943.35	-758.93	2.973e+05	2368.46	-1.964e+05
		-1.964e+05	-5.455e+04	2.00e-03		37.5	77.32	323.12	-758.93	2.973e+05	-2.609e+04	-1.727e+05
						75.0	77.32	-297.69	-758.93	2.974e+05	-5.455e+04	-1.722e+05
152	7	4.856e+04	385.29	1.02e-04	-8.18e-03	0.0	-3.33	760.91	-3.23	1.111e+04	385.29	3.146e+04
		893.20	-2.59	2.68e-06		60.0	-3.33	-254.75	-3.23	1.112e+04	191.35	4.664e+04
						120.0	-3.33	-1270.29	-3.23	1.113e+04	-2.59	893.20
152	9	7.909e+04	1.396e+05	2.40e-03	-0.02	0.0	320.60	-854.06	-1480.42	5.744e+05	1.396e+05	7.909e+04
		-1.777e+05	-3.804e+04	-5.21e-04		60.0	320.60	-2139.57	-1480.42	5.746e+05	5.079e+04	-1.071e+04
						120.0	320.60	-3427.95	-1480.42	5.749e+05	-3.804e+04	-1.777e+05
152	11	9.980e+04	1.393e+05	2.20e-03	-0.02	0.0	317.93	-825.66	-1482.33	5.838e+05	1.393e+05	9.980e+04
		-1.552e+05	-3.855e+04	-4.82e-04		60.0	317.93	-2124.45	-1482.33	5.840e+05	5.039e+04	1.131e+04
						120.0	317.93	-3425.88	-1482.33	5.842e+05	-3.855e+04	-1.552e+05
152	14	9.923e+04	1.391e+05	2.14e-03	-0.02	0.0	317.80	-1042.13	-1481.94	5.844e+05	1.391e+05	9.923e+04
		-1.459e+05	-3.874e+04	-4.68e-04		60.0	317.80	-2041.93	-1481.94	5.847e+05	5.018e+04	6718.30
						120.0	317.80	-3044.29	-1481.94	5.849e+05	-3.874e+04	-1.459e+05
152	17	3.821e+04	518.00	-1.36e-05	-7.58e-03	0.0	-2.07	747.54	-2.43	6664.01	518.00	2.160e+04
		-9812.44	226.94	-2.38e-05		60.0	-2.07	-261.78	-2.43	6673.99	372.47	3.617e+04
						120.0	-2.07	-1271.11	-2.43	6684.29	226.94	-9812.44
152	19	5.297e+04	9.318e+04	1.63e-03	-0.02	0.0	213.80	-473.42	-986.96	3.826e+05	9.318e+04	5.297e+04
		-1.227e+05	-2.525e+04	-3.56e-04		60.0	213.80	-1463.31	-986.96	3.828e+05	3.396e+04	-5120.56
						120.0	213.80	-2455.15	-986.96	3.830e+05	-2.525e+04	-1.227e+05
152	21	6.678e+04	9.299e+04	1.49e-03	-0.02	0.0	212.02	-454.48	-988.23	3.889e+05	9.299e+04	6.678e+04
		-1.076e+05	-2.560e+04	-3.29e-04		60.0	212.02	-1453.24	-988.23	3.890e+05	3.370e+04	9556.46
						120.0	212.02	-2453.77	-988.23	3.892e+05	-2.560e+04	-1.076e+05
152	24	2.784e+04	653.04	9.29e-05	-7.05e-03	0.0	-0.79	734.02	-1.52	2210.87	653.04	1.174e+04
		-2.054e+04	470.93	-5.12e-05		60.0	-0.79	-268.98	-1.52	2219.03	561.98	2.569e+04
						120.0	-0.79	-1272.09	-1.52	2227.31	470.93	-2.054e+04
152	26	3.764e+04	6.546e+04	1.20e-03	-0.01	0.0	149.81	-115.24	-691.06	2.672e+05	6.546e+04	3.764e+04
		-9.525e+04	-1.746e+04	-2.72e-04		60.0	149.81	-1107.17	-691.06	2.673e+05	2.400e+04	977.68
						120.0	149.81	-2100.53	-691.06	2.674e+05	-1.746e+04	-9.525e+04
152	28	4.356e+04	6.538e+04	1.14e-03	-0.01	0.0	149.04	-107.13	-691.60	2.698e+05	6.538e+04	4.356e+04
		-8.881e+04	-1.761e+04	-2.56e-04		60.0	149.04	-1102.85	-691.60	2.700e+05	2.389e+04	7267.83
						120.0	149.04	-2099.94	-691.60	2.701e+05	-1.761e+04	-8.881e+04
152	30	3.253e+04	5.622e+04	1.05e-03	-0.01	0.0	128.47	4.15	-592.42	2.287e+05	5.622e+04	3.253e+04
		-8.611e+04	-1.487e+04	-2.45e-04		60.0	128.47	-988.46	-592.42	2.288e+05	2.068e+04	3010.42
						120.0	128.47	-1982.32	-592.42	2.289e+05	-1.487e+04	-8.611e+04

152	31	2.370e+04	707.06	1.32e-04	-6.85e-03	0.0	-0.29	728.61	-1.15	429.61	707.06	7793.88	
		-2.483e+04	568.52	-6.21e-05		60.0	-0.29	-271.86	-1.15	437.05	637.79	2.150e+04	
						120.0	-0.29	-1272.48	-1.15	444.52	568.52	-2.483e+04	
152	32	3.845e+04	5.614e+04	9.95e-04	-0.01	0.0	127.71	12.26	-592.97	2.314e+05	5.614e+04	3.845e+04	
		-7.967e+04	-1.501e+04	-2.28e-04		60.0	127.71	-984.14	-592.97	2.315e+05	2.057e+04	9300.57	
						120.0	127.71	-1981.73	-592.97	2.316e+05	-1.501e+04	-7.967e+04	
153	3	-1.069e+04	139.46	-2.81e-04	-8.06e-03	0.0	3.47	1672.55	-0.44	2975.36	139.46	-7.537e+04	
		-7.537e+04	73.82	2.51e-05		75.0	3.47	52.50	-0.44	2984.76	106.64	-1.069e+04	
						150.0	3.47	-1567.14	-0.44	2994.38	73.82	-6.749e+04	
153	5	-8467.28	92.80	-2.15e-04	-6.20e-03	0.0	2.52	1284.36	-0.41	2212.26	92.80	-5.806e+04	
		-5.806e+04	31.30	1.81e-05		75.0	2.52	38.15	-0.41	2219.45	62.05	-8467.28	
						150.0	2.52	-1207.74	-0.41	2226.81	31.30	-5.233e+04	
153	7	-8147.44	111.87	-2.16e-04	-6.20e-03	0.0	2.70	1287.25	-0.31	2311.66	111.87	-5.796e+04	
		-5.796e+04	64.85	1.97e-05		75.0	2.70	41.05	-0.31	2318.89	88.36	-8147.44	
						150.0	2.70	-1204.82	-0.31	2326.30	64.85	-5.179e+04	
153	9	-3.084e+05	-8402.21	-1.65e-03	-0.02	0.0	203.29	2787.72	889.81	-2.030e+05	-1.419e+05	-4.888e+05	
		-4.888e+05	-1.419e+05	-2.94e-03		75.0	203.29	1172.88	889.81	-2.027e+05	-7.514e+04	-3.403e+05	
						150.0	203.29	-439.49	889.81	-2.024e+05	-8402.21	-3.129e+05	
153	11	-3.080e+05	-8378.73	-1.65e-03	-0.02	0.0	203.42	2789.74	889.88	-2.030e+05	-1.419e+05	-4.888e+05	
		-4.888e+05	-1.419e+05	-2.94e-03		75.0	203.42	1174.91	889.88	-2.026e+05	-7.512e+04	-3.401e+05	
						150.0	203.42	-437.44	889.88	-2.023e+05	-8378.73	-3.125e+05	
153	12	-2.972e+05	-8411.17	-1.59e-03	-0.02	0.0	202.53	2402.41	889.93	-2.037e+05	-1.419e+05	-4.714e+05	
		-4.714e+05	-1.419e+05	-2.95e-03		75.0	202.53	1161.43	889.93	-2.034e+05	-7.516e+04	-3.378e+05	
						150.0	202.53	-77.16	889.93	-2.031e+05	-8411.17	-2.972e+05	
153	15	-8467.25	92.70	-2.15e-04	-6.20e-03	0.0	2.52	1284.36	-0.41	2212.28	92.70	-5.806e+04	
		-5.806e+04	31.12	1.81e-05		75.0	2.52	38.15	-0.41	2219.47	61.91	-8467.25	
						150.0	2.52	-1207.74	-0.41	2226.82	31.12	-5.233e+04	
153	17	-8254.02	105.40	-2.16e-04	-6.20e-03	0.0	2.64	1286.28	-0.35	2278.54	105.40	-5.799e+04	
		-5.799e+04	53.48	1.92e-05		75.0	2.64	40.08	-0.35	2285.76	79.44	-8254.02	
						150.0	2.64	-1205.79	-0.35	2293.15	53.48	-5.197e+04	
153	19	-2.093e+05	-5597.20	-1.13e-03	-0.02	0.0	135.86	2029.73	593.15	-1.351e+05	-9.457e+04	-3.336e+05	
		-3.336e+05	-9.457e+04	-1.96e-03		75.0	135.86	787.01	593.15	-1.348e+05	-5.008e+04	-2.280e+05	
						150.0	135.86	-454.02	593.15	-1.346e+05	-5597.20	-2.155e+05	
153	21	-2.091e+05	-5581.54	-1.13e-03	-0.02	0.0	135.95	2031.07	593.20	-1.350e+05	-9.456e+04	-3.336e+05	
		-3.336e+05	-9.456e+04	-1.96e-03		75.0	135.95	788.36	593.20	-1.348e+05	-5.007e+04	-2.279e+05	
						150.0	135.95	-452.66	593.20	-1.346e+05	-5581.54	-2.153e+05	
153	22	-8467.25	92.70	-2.15e-04	-6.20e-03	0.0	2.52	1284.36	-0.41	2212.28	92.70	-5.806e+04	
		-5.806e+04	31.12	1.81e-05		75.0	2.52	38.15	-0.41	2219.47	61.91	-8467.25	
						150.0	2.52	-1207.74	-0.41	2226.82	31.12	-5.233e+04	
153	24	-8360.63	99.05	-2.15e-04	-6.20e-03	0.0	2.58	1285.32	-0.38	2245.41	99.05	-5.803e+04	
		-5.803e+04	42.30	1.86e-05		75.0	2.58	39.12	-0.38	2252.61	70.68	-8360.63	
						150.0	2.58	-1206.77	-0.38	2259.99	42.30	-5.215e+04	
153	26	-1.527e+05	-3908.70	-8.55e-04	-0.01	0.0	95.86	1806.12	415.08	-9.387e+04	-6.617e+04	-2.510e+05	
		-2.510e+05	-6.617e+04	-1.37e-03		75.0	95.86	562.35	415.08	-9.372e+04	-3.504e+04	-1.622e+05	
						150.0	95.86	-680.14	415.08	-9.357e+04	-3908.70	-1.666e+05	
153	28	-1.526e+05	-3901.99	-8.56e-04	-0.01	0.0	95.90	1806.69	415.10	-9.385e+04	-6.617e+04	-2.509e+05	
		-2.509e+05	-6.617e+04	-1.37e-03		75.0	95.90	562.93	415.10	-9.370e+04	-3.503e+04	-1.621e+05	
						150.0	95.90	-679.55	415.10	-9.355e+04	-3901.99	-1.665e+05	
153	29	-8467.25	92.70	-2.15e-04	-6.20e-03	0.0	2.52	1284.36	-0.41	2212.28	92.70	-5.806e+04	
		-5.806e+04	31.12	1.81e-05		75.0	2.52	38.15	-0.41	2219.47	61.91	-8467.25	
						150.0	2.52	-1207.74	-0.41	2226.82	31.12	-5.233e+04	
153	30	-1.330e+05	-3345.87	-7.64e-04	-0.01	0.0	82.53	1731.58	355.73	-8.015e+04	-5.670e+04	-2.234e+05	
		-2.234e+05	-5.670e+04	-1.17e-03		75.0	82.53	487.46	355.73	-8.001e+04	-3.003e+04	-1.402e+05	
						150.0	82.53	-755.51	355.73	-7.988e+04	-3345.87	-1.503e+05	
153	31	-8403.28	96.51	-2.15e-04	-6.20e-03	0.0	2.56	1284.93	-0.39	2232.16	96.51	-5.804e+04	
		-5.804e+04	37.83	1.84e-05		75.0	2.56	38.73	-0.39	2239.35	67.17	-8403.28	
						150.0	2.56	-1207.16	-0.39	2246.72	37.83	-5.222e+04	
153	32	-1.330e+05	-3339.16	-7.64e-04	-0.01	0.0	82.56	1732.16	355.75	-8.013e+04	-5.670e+04	-2.234e+05	
		-2.234e+05	-5.670e+04	-1.17e-03		75.0	82.56	488.04	355.75	-7.999e+04	-3.002e+04	-1.401e+05	
						150.0	82.56	-754.93	355.75	-7.986e+04	-3339.16	-1.502e+05	
154	1	8.962e+04	764.86	1.25e-04	-8.67e-03	0.0	-0.85	-682.34	4.45	-3206.22	431.41	8.962e+04	
		-2.227e+04	431.41	-8.38e-05		37.5	-0.85	-1491.84	4.45	-3200.90	598.13	4.885e+04	
						75.0	-0.85	-2301.44	4.45	-3195.64	764.86	-2.227e+04	
154	3	1.011e+05	531.00	1.10e-04	-9.97e-03	0.0	-2.63	-590.07	-1.23	1.536e+04	531.00	1.011e+05	
		-4762.15	438.85	-2.34e-05		37.5	-2.63	-1411.90	-1.23	1.537e+04	484.92	6.359e+04	
						75.0	-2.63	-2233.66	-1.23	1.537e+04	438.85	-4762.15	
154	7	8.046e+04	423.44	1.39e-04	-7.99e-03	0.0	-2.45	-432.74	-2.13	1.608e+04	423.44	8.046e+04	
		378.78	263.43	-5.14e-06		37.5	-2.45	-1067.77	-2.13	1.609e+04	343.44	5.233e+04	
						75.0	-2.45	-1702.69	-2.13	1.610e+04	263.43	378.78	
154	9	5.233e+05	1.427e+05	1.28e-03	-0.02	0.0	288.17	-4919.34	784.18	6.043e+05	8.393e+04	5.233e+05	
		9.434e+04	8.393e+04	-2.80e-03		37.5	288.17	-5719.83	784.18	6.044e+05	1.133e+05	3.239e+05	

						75.0	288.17	-6521.28	784.18	6.045e+05	1.427e+05	9.434e+04	
154	11	5.314e+05	1.425e+05	1.12e-03	-0.02	0.0	286.93	-4854.75	780.21	6.172e+05	8.400e+04	5.314e+05	
		1.066e+05	8.400e+04	-2.76e-03		37.5	286.93	-5663.88	780.21	6.174e+05	1.133e+05	3.342e+05	
						75.0	286.93	-6473.84	780.21	6.175e+05	1.425e+05	1.066e+05	
154	12	5.027e+05	1.426e+05	1.25e-03	-0.02	0.0	288.35	-4762.01	783.28	6.050e+05	8.382e+04	5.027e+05	
		9.948e+04	8.382e+04	-2.78e-03		37.5	288.35	-5375.69	783.28	6.051e+05	1.132e+05	3.126e+05	
						75.0	288.35	-5990.31	783.28	6.052e+05	1.426e+05	9.948e+04	
154	15	6.894e+04	588.82	9.65e-05	-6.67e-03	0.0	-0.66	-524.93	3.47	-2472.95	328.37	6.894e+04	
		-1.713e+04	328.37	-6.49e-05		37.5	-0.66	-1147.63	3.47	-2468.86	458.60	3.758e+04	
						75.0	-0.66	-1770.40	3.47	-2464.81	588.82	-1.713e+04	
154	17	7.662e+04	394.77	6.03e-05	-7.52e-03	0.0	-1.85	-463.42	-0.31	9902.77	394.77	7.662e+04	
		-5457.93	371.49	-2.47e-05		37.5	-1.85	-1094.34	-0.31	9908.52	383.13	4.741e+04	
						75.0	-1.85	-1725.21	-0.31	9914.46	371.49	-5457.93	
154	19	3.581e+05	9.524e+04	8.67e-04	-0.02	0.0	192.02	-3349.60	523.30	4.025e+05	5.600e+04	3.581e+05	
		6.061e+04	5.600e+04	-1.88e-03		37.5	192.02	-3966.29	523.30	4.026e+05	7.562e+04	2.209e+05	
						75.0	192.02	-4583.63	523.30	4.027e+05	9.524e+04	6.061e+04	
154	21	3.635e+05	9.509e+04	7.57e-04	-0.02	0.0	191.19	-3306.54	520.65	4.112e+05	5.604e+04	3.635e+05	
		6.878e+04	5.604e+04	-1.85e-03		37.5	191.19	-3928.99	520.65	4.112e+05	7.557e+04	2.278e+05	
						75.0	191.19	-4552.00	520.65	4.113e+05	9.509e+04	6.878e+04	
154	22	6.894e+04	588.82	9.65e-05	-6.67e-03	0.0	-0.66	-524.93	3.47	-2472.95	328.37	6.894e+04	
		-1.713e+04	328.37	-6.49e-05		37.5	-0.66	-1147.63	3.47	-2468.86	458.60	3.758e+04	
						75.0	-0.66	-1770.40	3.47	-2464.81	588.82	-1.713e+04	
154	24	7.278e+04	480.15	1.81e-05	-7.06e-03	0.0	-1.26	-494.17	1.58	3714.91	361.57	7.278e+04	
		-1.129e+04	361.57	-4.48e-05		37.5	-1.26	-1120.98	1.58	3719.83	420.86	4.250e+04	
						75.0	-1.26	-1747.80	1.58	3724.82	480.15	-1.129e+04	
154	26	2.713e+05	6.685e+04	6.36e-04	-0.01	0.0	134.22	-2502.20	367.35	2.810e+05	3.930e+04	2.713e+05	
		3.729e+04	3.930e+04	-1.33e-03		37.5	134.22	-3120.69	367.35	2.811e+05	5.307e+04	1.659e+05	
						75.0	134.22	-3739.66	367.35	2.811e+05	6.685e+04	3.729e+04	
154	28	2.736e+05	6.678e+04	5.89e-04	-0.01	0.0	133.86	-2483.75	366.21	2.847e+05	3.932e+04	2.736e+05	
		4.079e+04	3.932e+04	-1.32e-03		37.5	133.86	-3104.70	366.21	2.848e+05	5.305e+04	1.689e+05	
						75.0	133.86	-3726.10	366.21	2.848e+05	6.678e+04	4.079e+04	
154	29	6.894e+04	588.82	9.65e-05	-6.67e-03	0.0	-0.66	-524.93	3.47	-2472.95	328.37	6.894e+04	
		-1.713e+04	328.37	-6.49e-05		37.5	-0.66	-1147.63	3.47	-2468.86	458.60	3.758e+04	
						75.0	-0.66	-1770.40	3.47	-2464.81	588.82	-1.713e+04	
154	30	2.424e+05	5.738e+04	5.59e-04	-0.01	0.0	114.95	-2219.73	315.37	2.405e+05	3.373e+04	2.424e+05	
		2.951e+04	3.373e+04	-1.15e-03		37.5	114.95	-2838.82	315.37	2.406e+05	4.555e+04	1.476e+05	
						75.0	114.95	-3458.33	315.37	2.406e+05	5.738e+04	2.951e+04	
154	31	7.125e+04	523.62	4.95e-05	-6.90e-03	0.0	-1.02	-506.48	2.34	1239.77	348.29	7.125e+04	
		-1.363e+04	348.29	-5.29e-05		37.5	-1.02	-1131.64	2.34	1244.36	435.96	4.053e+04	
						75.0	-1.02	-1756.84	2.34	1248.97	523.62	-1.363e+04	
154	32	2.447e+05	5.732e+04	5.12e-04	-0.01	0.0	114.59	-2201.28	314.23	2.442e+05	3.375e+04	2.447e+05	
		3.302e+04	3.375e+04	-1.14e-03		37.5	114.59	-2822.84	314.23	2.443e+05	4.553e+04	1.505e+05	
						75.0	114.59	-3444.78	314.23	2.443e+05	5.732e+04	3.302e+04	
155	3	-9875.46	154.68	-1.06e-04	-7.80e-03	0.0	3.65	1558.35	-0.10	2316.14	154.68	-6.598e+04	
		-7.530e+04	139.15	1.72e-05		75.0	3.65	-62.14	-0.10	2325.16	146.91	-9875.46	
						150.0	3.65	-1682.49	-0.10	2334.36	139.15	-7.530e+04	
155	5	-7608.29	109.91	-8.03e-05	-5.99e-03	0.0	2.66	1197.93	-0.12	1708.92	109.91	-5.071e+04	
		-5.800e+04	92.58	1.29e-05		75.0	2.66	-48.61	-0.12	1715.83	101.24	-7608.29	
						150.0	2.66	-1295.04	-0.12	1722.88	92.58	-5.800e+04	
155	7	-7592.94	121.79	-8.21e-05	-6.00e-03	0.0	2.85	1198.97	-0.07	1803.43	121.79	-5.077e+04	
		-5.790e+04	111.63	1.33e-05		75.0	2.85	-47.56	-0.07	1810.38	116.71	-7592.94	
						150.0	2.85	-1293.97	-0.07	1817.46	111.63	-5.790e+04	
155	11	-4.553e+05	-4.934e+04	-6.90e-04	-0.02	0.0	197.82	2030.23	-616.83	2.680e+05	-4.934e+04	-5.510e+05	
		-5.510e+05	-1.419e+05	3.37e-03		75.0	197.82	415.56	-616.83	2.683e+05	-9.560e+04	-4.593e+05	
						150.0	197.82	-1200.12	-616.83	2.686e+05	-1.419e+05	-4.887e+05	
155	12	-4.515e+05	-4.938e+04	-7.15e-04	-0.02	0.0	196.88	1670.12	-616.83	2.674e+05	-4.938e+04	-5.357e+05	
		-5.357e+05	-1.419e+05	3.37e-03		75.0	196.88	429.41	-616.83	2.677e+05	-9.564e+04	-4.570e+05	
						150.0	196.88	-812.35	-616.83	2.680e+05	-1.419e+05	-4.714e+05	
155	15	-7608.31	109.87	-8.03e-05	-5.99e-03	0.0	2.66	1197.93	-0.12	1708.93	109.87	-5.071e+04	
		-5.800e+04	92.47	1.29e-05		75.0	2.66	-48.61	-0.12	1715.85	101.17	-7608.31	
						150.0	2.66	-1295.04	-0.12	1722.89	92.47	-5.800e+04	
155	17	-7598.07	117.79	-8.15e-05	-6.00e-03	0.0	2.79	1198.63	-0.08	1771.94	117.79	-5.075e+04	
		-5.793e+04	105.17	1.32e-05		75.0	2.79	-47.91	-0.08	1778.88	111.48	-7598.07	
						150.0	2.79	-1294.33	-0.08	1785.95	105.17	-5.793e+04	
155	19	-3.051e+05	-3.288e+04	-4.50e-04	-0.02	0.0	132.14	1512.72	-411.26	1.789e+05	-3.288e+04	-3.741e+05	
		-3.741e+05	-9.457e+04	2.25e-03		75.0	132.14	270.07	-411.26	1.791e+05	-6.373e+04	-3.072e+05	
						150.0	132.14	-973.25	-411.26	1.793e+05	-9.457e+04	-3.336e+05	
155	21	-3.050e+05	-3.288e+04	-4.49e-04	-0.02	0.0	132.23	1513.21	-411.23	1.789e+05	-3.288e+04	-3.741e+05	
		-3.741e+05	-9.456e+04	2.25e-03		75.0	132.23	270.56	-411.23	1.791e+05	-6.372e+04	-3.072e+05	
						150.0	132.23	-972.75	-411.23	1.793e+05	-9.456e+04	-3.335e+05	
155	22	-7608.31	109.87	-8.03e-05	-5.99e-03	0.0	2.66	1197.93	-0.12	1708.93	109.87	-5.071e+04	

		-5.800e+04	92.47	1.29e-05		75.0	2.66	-48.61	-0.12	1715.85	101.17	-7608.31
						150.0	2.66	-1295.04	-0.12	1722.89	92.47	-5.800e+04
155	24	-7603.19	113.83	-8.09e-05	-6.00e-03	0.0	2.72	1198.28	-0.10	1740.44	113.83	-5.073e+04
		-5.796e+04	98.82	1.30e-05		75.0	2.72	-48.26	-0.10	1747.36	106.32	-7603.19
						150.0	2.72	-1294.68	-0.10	1754.42	98.82	-5.796e+04
155	26	-2.164e+05	-2.298e+04	-2.91e-04	-0.01	0.0	93.30	1418.29	-287.91	1.257e+05	-2.298e+04	-2.771e+05
		-2.771e+05	-6.617e+04	1.58e-03		75.0	93.30	174.46	-287.91	1.259e+05	-4.458e+04	-2.173e+05
						150.0	93.30	-1069.79	-287.91	1.260e+05	-6.617e+04	-2.509e+05
155	28	-2.164e+05	-2.298e+04	-2.91e-04	-0.01	0.0	93.33	1418.49	-287.90	1.257e+05	-2.298e+04	-2.771e+05
		-2.771e+05	-6.617e+04	1.58e-03		75.0	93.33	174.67	-287.90	1.259e+05	-4.457e+04	-2.173e+05
						150.0	93.33	-1069.57	-287.90	1.260e+05	-6.617e+04	-2.509e+05
155	29	-7608.31	109.87	-8.03e-05	-5.99e-03	0.0	2.66	1197.93	-0.12	1708.93	109.87	-5.071e+04
		-5.800e+04	92.47	1.29e-05		75.0	2.66	-48.61	-0.12	1715.85	101.17	-7608.31
						150.0	2.66	-1295.04	-0.12	1722.89	92.47	-5.800e+04
155	30	-1.868e+05	-1.968e+04	2.40e-04	-0.01	0.0	80.35	1386.81	-246.80	1.080e+05	-1.968e+04	-2.447e+05
		-2.447e+05	-5.671e+04	1.36e-03		75.0	80.35	142.59	-246.80	1.081e+05	-3.820e+04	-1.874e+05
						150.0	80.35	-1101.97	-246.80	1.083e+05	-5.671e+04	-2.233e+05
155	31	-7605.24	112.25	-8.06e-05	-6.00e-03	0.0	2.70	1198.14	-0.11	1727.84	112.25	-5.072e+04
		-5.798e+04	96.28	1.30e-05		75.0	2.70	-48.40	-0.11	1734.76	104.26	-7605.24
						150.0	2.70	-1294.83	-0.11	1741.81	96.28	-5.798e+04
155	32	-1.868e+05	-1.968e+04	2.40e-04	-0.01	0.0	80.39	1387.02	-246.79	1.080e+05	-1.968e+04	-2.447e+05
		-2.447e+05	-5.670e+04	1.36e-03		75.0	80.39	142.81	-246.79	1.081e+05	-3.819e+04	-1.874e+05
						150.0	80.39	-1101.75	-246.79	1.083e+05	-5.670e+04	-2.233e+05
156	1	-4.059e+04	912.99	-2.00e-05	-8.29e-03	0.0	0.86	-1742.55	-8.21	-3691.18	912.99	-4.059e+04
		-5.909e+04	830.90	-6.78e-06		5.0	0.86	-1850.56	-8.21	-3690.51	871.94	-4.957e+04
						10.0	0.86	-1958.57	-8.21	-3689.84	830.90	-5.909e+04
156	7	960.77	0.70	-3.97e-06	-8.18e-03	0.0	-3.61	-1912.04	-9.15	4853.91	0.70	960.77
		-1.901e+04	-90.76	0.0		5.0	-3.61	-1996.66	-9.15	4854.96	-45.03	-8810.98
						10.0	-3.61	-2081.29	-9.15	4856.01	-90.76	-1.901e+04
156	9	-1.774e+05	-3.714e+04	-1.88e-04	-0.02	0.0	256.98	-3371.94	-2527.94	5.759e+05	-3.714e+04	-1.774e+05
		-2.122e+05	-6.242e+04	-1.50e-05		5.0	256.98	-3479.43	-2527.94	5.759e+05	-4.978e+04	-1.946e+05
						10.0	256.98	-3586.94	-2527.94	5.759e+05	-6.242e+04	-2.122e+05
156	14	-1.455e+05	-3.783e+04	-1.70e-04	-0.02	0.0	253.81	-3369.81	-2528.08	5.821e+05	-3.783e+04	-1.455e+05
		-1.801e+05	-6.311e+04	-9.48e-06		5.0	253.81	-3453.45	-2528.08	5.821e+05	-5.047e+04	-1.626e+05
						10.0	253.81	-3537.11	-2528.08	5.821e+05	-6.311e+04	-1.801e+05
156	15	-3.124e+04	713.36	-1.54e-05	-6.37e-03	0.0	0.67	-1340.22	-6.38	-2841.82	713.36	-3.124e+04
		-4.547e+04	649.58	-5.26e-06		5.0	0.67	-1423.30	-6.38	-2841.30	681.47	-3.815e+04
						10.0	0.67	-1506.39	-6.38	-2840.79	649.58	-4.547e+04
156	17	-9757.14	228.67	-2.49e-06	-7.58e-03	0.0	-2.19	-1721.60	-8.17	2290.78	228.67	-9757.14
		-2.781e+04	146.98	-1.43e-06		5.0	-2.19	-1805.72	-8.17	2291.66	187.82	-1.858e+04
						10.0	-2.19	-1889.83	-8.17	2292.53	146.98	-2.781e+04
156	19	-1.225e+05	-2.465e+04	-1.28e-04	-0.02	0.0	171.42	-2426.48	-1686.20	3.835e+05	-2.465e+04	-1.225e+05
		-1.476e+05	-4.152e+04	-1.07e-05		5.0	171.42	-2509.22	-1686.20	3.835e+05	-3.309e+04	-1.348e+05
						10.0	171.42	-2591.97	-1686.20	3.836e+05	-4.152e+04	-1.476e+05
156	21	-1.074e+05	-2.499e+04	-1.19e-04	-0.02	0.0	169.42	-2693.45	-1687.45	3.871e+05	-2.499e+04	-1.074e+05
		-1.352e+05	-4.187e+04	-8.04e-06		5.0	169.42	-2776.91	-1687.45	3.871e+05	-3.343e+04	-1.211e+05
						10.0	169.42	-2860.38	-1687.45	3.871e+05	-4.187e+04	-1.352e+05
156	22	-3.124e+04	713.36	-1.54e-05	-6.37e-03	0.0	0.67	-1340.22	-6.38	-2841.82	713.36	-3.124e+04
		-4.547e+04	649.58	-5.26e-06		5.0	0.67	-1423.30	-6.38	-2841.30	681.47	-3.815e+04
						10.0	0.67	-1506.39	-6.38	-2840.79	649.58	-4.547e+04
156	24	-2.050e+04	471.01	-8.94e-06	-6.98e-03	0.0	-0.76	-1530.91	-7.27	-275.52	471.01	-2.050e+04
		-3.664e+04	398.28	-3.35e-06		5.0	-0.76	-1614.51	-7.27	-274.82	434.65	-2.836e+04
						10.0	-0.76	-1698.11	-7.27	-274.13	398.28	-3.664e+04
156	26	-9.510e+04	-1.704e+04	-9.40e-05	-0.01	0.0	120.20	-2100.60	-1182.25	2.676e+05	-1.704e+04	-9.510e+04
		-1.169e+05	-2.887e+04	-9.08e-06		5.0	120.20	-2183.45	-1182.25	2.676e+05	-2.296e+04	-1.058e+05
						10.0	120.20	-2266.30	-1182.25	2.676e+05	-2.887e+04	-1.169e+05
156	28	-8.865e+04	-1.719e+04	-9.01e-05	-0.01	0.0	119.34	-2215.02	-1182.79	2.692e+05	-1.719e+04	-8.865e+04
		-1.116e+05	-2.902e+04	-7.93e-06		5.0	119.34	-2298.17	-1182.79	2.692e+05	-2.310e+04	-9.993e+04
						10.0	119.34	-2381.33	-1182.79	2.692e+05	-2.902e+04	-1.116e+05
156	29	-3.124e+04	713.36	-1.54e-05	-6.37e-03	0.0	0.67	-1340.22	-6.38	-2841.82	713.36	-3.124e+04
		-4.547e+04	649.58	-5.26e-06		5.0	0.67	-1423.30	-6.38	-2841.30	681.47	-3.815e+04
						10.0	0.67	-1506.39	-6.38	-2840.79	649.58	-4.547e+04
156	30	-8.597e+04	-1.451e+04	-8.27e-05	-0.01	0.0	103.12	-1991.98	-1014.27	2.290e+05	-1.451e+04	-8.597e+04
		-1.067e+05	-2.465e+04	-8.53e-06		5.0	103.12	-2074.85	-1014.27	2.290e+05	-1.958e+04	-9.614e+04
						10.0	103.12	-2157.74	-1014.27	2.290e+05	-2.465e+04	-1.067e+05
156	31	-2.479e+04	567.95	-1.15e-05	-6.73e-03	0.0	-0.19	-1454.63	-6.92	-1302.04	567.95	-2.479e+04
		-4.017e+04	498.80	-4.11e-06		5.0	-0.19	-1538.03	-6.92	-1301.42	533.38	-3.228e+04
						10.0	-0.19	-1621.42	-6.92	-1300.79	498.80	-4.017e+04
156	32	-7.953e+04	-1.465e+04	-7.89e-05	-0.01	0.0	102.26	-2106.39	-1014.81	2.305e+05	-1.465e+04	-7.953e+04
		-1.014e+05	-2.480e+04	-7.39e-06		5.0	102.26	-2189.58	-1014.81	2.305e+05	-1.973e+04	-9.027e+04
						10.0	102.26	-2272.77	-1014.81	2.305e+05	-2.480e+04	-1.014e+05

157	5	1.538e+04	43.59	-1.47e-04	-6.48e-03	0.0	2.11	213.05	-1.44	2749.38	43.59	1.402e+04
		-1.669e+04	-64.59	1.05e-05		37.5	2.11	-409.52	-1.44	2753.23	-10.50	1.034e+04
						75.0	2.11	-1031.98	-1.44	2757.13	-64.59	-1.669e+04
157	11	8.355e+04	8.769e+04	-1.51e-03	-0.02	0.0	207.03	2612.37	2166.30	-6.753e+05	-7.478e+04	-5.219e+04
		-5.219e+04	-7.478e+04	-3.06e-03		37.5	207.03	1809.70	2166.30	-6.751e+05	6454.91	3.072e+04
						75.0	207.03	1008.16	2166.30	-6.750e+05	8.769e+04	8.355e+04
157	12	8.763e+04	8.767e+04	-1.47e-03	-0.02	0.0	206.27	2544.83	2166.65	-6.762e+05	-7.482e+04	-5.705e+04
		-5.705e+04	-7.482e+04	-3.06e-03		37.5	206.27	1928.93	2166.65	-6.760e+05	6424.53	2.683e+04
						75.0	206.27	1314.12	2166.65	-6.759e+05	8.767e+04	8.763e+04
157	14	8.856e+04	8.771e+04	-1.47e-03	-0.02	0.0	206.39	2548.45	2166.73	-6.761e+05	-7.479e+04	-5.640e+04
		-5.640e+04	-7.479e+04	-3.06e-03		37.5	206.39	1932.55	2166.73	-6.760e+05	6458.59	2.762e+04
						75.0	206.39	1317.75	2166.73	-6.758e+05	8.771e+04	8.856e+04
157	15	1.538e+04	43.37	-1.47e-04	-6.48e-03	0.0	2.12	213.05	-1.44	2749.40	43.37	1.402e+04
		-1.669e+04	-64.84	1.04e-05		37.5	2.12	-409.52	-1.44	2753.25	-10.73	1.034e+04
						75.0	2.12	-1031.98	-1.44	2757.14	-64.84	-1.669e+04
157	19	5.286e+04	5.843e+04	-1.03e-03	-0.02	0.0	138.22	1767.57	1443.95	-4.499e+05	-4.987e+04	-3.336e+04
		-3.336e+04	-4.987e+04	-2.04e-03		37.5	138.22	1149.45	1443.95	-4.498e+05	4279.29	2.133e+04
						75.0	138.22	532.09	1443.95	-4.497e+05	5.843e+04	5.286e+04
157	21	5.347e+04	5.845e+04	-1.03e-03	-0.02	0.0	138.30	1769.98	1444.01	-4.498e+05	-4.985e+04	-3.293e+04
		-3.293e+04	-4.985e+04	-2.04e-03		37.5	138.30	1151.86	1444.01	-4.497e+05	4301.99	2.186e+04
						75.0	138.30	534.51	1444.01	-4.496e+05	5.845e+04	5.347e+04
157	22	1.538e+04	43.37	-1.47e-04	-6.48e-03	0.0	2.12	213.05	-1.44	2749.40	43.37	1.402e+04
		-1.669e+04	-64.84	1.04e-05		37.5	2.12	-409.52	-1.44	2753.25	-10.73	1.034e+04
						75.0	2.12	-1031.98	-1.44	2757.14	-64.84	-1.669e+04
157	26	3.199e+04	4.088e+04	-7.63e-04	-0.01	0.0	97.39	1301.21	1010.33	-3.141e+05	-3.490e+04	-1.915e+04
		-1.915e+04	-3.490e+04	-1.42e-03		37.5	97.39	681.76	1010.33	-3.140e+05	2992.28	1.803e+04
						75.0	97.39	62.87	1010.33	-3.140e+05	4.088e+04	3.199e+04
157	28	3.226e+04	4.089e+04	-7.63e-04	-0.01	0.0	97.42	1302.25	1010.36	-3.141e+05	-3.489e+04	-1.896e+04
		-1.896e+04	-3.489e+04	-1.42e-03		37.5	97.42	682.79	1010.36	-3.140e+05	3002.01	1.826e+04
						75.0	97.42	63.90	1010.36	-3.139e+05	4.089e+04	3.226e+04
157	29	1.538e+04	43.37	-1.47e-04	-6.48e-03	0.0	2.12	213.05	-1.44	2749.40	43.37	1.402e+04
		-1.669e+04	-64.84	1.04e-05		37.5	2.12	-409.52	-1.44	2753.25	-10.73	1.034e+04
						75.0	2.12	-1031.98	-1.44	2757.14	-64.84	-1.669e+04
157	30	2.529e+04	3.503e+04	-6.75e-04	-0.01	0.0	83.78	1145.76	865.79	-2.688e+05	-2.990e+04	-1.441e+04
		-1.441e+04	-2.990e+04	-1.22e-03		37.5	83.78	525.86	865.79	-2.688e+05	2563.28	1.693e+04
						75.0	83.78	-93.54	865.79	-2.687e+05	3.503e+04	2.504e+04
157	32	2.555e+04	3.504e+04	-6.75e-04	-0.01	0.0	83.81	1146.80	865.82	-2.688e+05	-2.990e+04	-1.422e+04
		-1.422e+04	-2.990e+04	-1.22e-03		37.5	83.81	526.90	865.82	-2.687e+05	2573.01	1.716e+04
						75.0	83.81	-92.50	865.82	-2.687e+05	3.504e+04	2.530e+04
158	3	1.918e+04	100.19	-2.00e-04	-8.25e-03	0.0	2.36	1966.71	0.35	3670.77	74.22	-6.760e+04
		-6.760e+04	74.22	1.46e-05		37.5	2.36	1157.08	0.35	3675.67	87.20	-9032.22
						75.0	2.36	347.60	0.35	3680.64	100.19	1.918e+04
158	5	1.404e+04	43.59	-1.54e-04	-6.34e-03	0.0	1.58	1508.89	0.16	2742.80	31.59	-5.242e+04
		-5.242e+04	31.59	1.01e-05		37.5	1.58	886.10	0.16	2746.55	37.59	-7513.97
						75.0	1.58	263.41	0.16	2750.34	43.59	1.404e+04
158	9	-5.265e+04	-8467.96	-1.43e-03	-0.02	0.0	199.95	4283.20	-884.60	-2.516e+05	-8467.96	-3.135e+05
		-3.135e+05	-7.481e+04	-2.51e-03		37.5	199.95	3478.35	-884.60	-2.514e+05	-4.164e+04	-1.680e+05
						75.0	199.95	2674.56	-884.60	-2.513e+05	-7.481e+04	-5.265e+04
158	11	-5.199e+04	-8444.45	-1.42e-03	-0.02	0.0	200.16	4286.80	-884.50	-2.515e+05	-8444.45	-3.132e+05
		-3.132e+05	-7.478e+04	-2.50e-03		37.5	200.16	3481.96	-884.50	-2.513e+05	-4.161e+04	-1.675e+05
						75.0	200.16	2678.18	-884.50	-2.512e+05	-7.478e+04	-5.199e+04
158	12	-5.686e+04	-8477.01	-1.38e-03	-0.02	0.0	199.47	3830.53	-884.64	-2.524e+05	-8477.01	-2.978e+05
		-2.978e+05	-7.483e+04	-2.51e-03		37.5	199.47	3212.52	-884.64	-2.522e+05	-4.165e+04	-1.658e+05
						75.0	199.47	2595.54	-884.64	-2.521e+05	-7.483e+04	-5.686e+04
158	15	1.404e+04	43.37	-1.54e-04	-6.34e-03	0.0	1.59	1508.89	0.16	2742.82	31.40	-5.242e+04
		-5.242e+04	31.40	1.01e-05		37.5	1.59	886.10	0.16	2746.56	37.39	-7513.86
						75.0	1.59	263.41	0.16	2750.36	43.37	1.404e+04
158	17	1.466e+04	72.72	-1.54e-04	-6.34e-03	0.0	1.78	1512.33	0.25	2812.88	53.79	-5.206e+04
		-5.206e+04	53.79	1.11e-05		37.5	1.78	889.53	0.25	2816.64	63.25	-7023.40
						75.0	1.78	266.86	0.25	2820.46	72.72	1.466e+04
158	19	-3.323e+04	-5640.99	-9.71e-04	-0.02	0.0	133.51	3056.65	-589.71	-1.673e+05	-5640.99	-2.160e+05
		-2.160e+05	-4.987e+04	-1.67e-03		37.5	133.51	2437.05	-589.71	-1.672e+05	-2.776e+04	-1.130e+05
						75.0	133.51	1818.16	-589.71	-1.671e+05	-4.987e+04	-3.323e+04
158	21	-3.279e+04	-5625.32	-9.70e-04	-0.02	0.0	133.65	3059.05	-589.64	-1.673e+05	-5625.32	-2.158e+05
		-2.158e+05	-4.985e+04	-1.67e-03		37.5	133.65	2439.45	-589.64	-1.672e+05	-2.774e+04	-1.127e+05
						75.0	133.65	1820.57	-589.64	-1.671e+05	-4.985e+04	-3.279e+04
158	22	1.404e+04	43.37	-1.54e-04	-6.34e-03	0.0	1.59	1508.89	0.16	2742.82	31.40	-5.242e+04
		-5.242e+04	31.40	1.01e-05		37.5	1.59	886.10	0.16	2746.56	37.39	-7513.86
						75.0	1.59	263.41	0.16	2750.36	43.37	1.404e+04
158	24	1.435e+04	58.04	-1.54e-04	-6.34e-03	0.0	1.68	1510.61	0.21	2777.85	42.60	-5.224e+04
		-5.224e+04	42.60	1.06e-05		37.5	1.68	887.82	0.21	2781.60	50.32	-7268.63

						75.0	1.68	265.13	0.21	2785.41	58.04	1.435e+04
158	26	-1.905e+04	-3939.27	-7.26e-04	-0.01	0.0	93.93	2592.32	-412.75	-1.163e+05	-3939.27	-1.669e+05
		-1.669e+05	-3.490e+04	-1.17e-03		37.5	93.93	1971.76	-412.75	-1.162e+05	-1.942e+04	-8.136e+04
						75.0	93.93	1351.74	-412.75	-1.162e+05	-3.490e+04	-1.905e+04
158	28	-1.886e+04	-3932.56	-7.26e-04	-0.01	0.0	93.99	2593.35	-412.72	-1.163e+05	-3932.56	-1.668e+05
		-1.668e+05	-3.489e+04	-1.16e-03		37.5	93.99	1972.79	-412.72	-1.162e+05	-1.941e+04	-8.121e+04
						75.0	93.99	1352.77	-412.72	-1.162e+05	-3.489e+04	-1.886e+04
158	29	1.404e+04	43.37	-1.54e-04	-6.34e-03	0.0	1.59	1508.89	0.16	2742.82	31.40	-5.242e+04
		-5.242e+04	31.40	1.01e-05		37.5	1.59	886.10	0.16	2746.56	37.39	-7513.86
						75.0	1.59	263.41	0.16	2750.36	43.37	1.404e+04
158	30	-1.432e+04	-3372.04	-6.44e-04	-0.01	0.0	80.74	2437.55	-353.76	-9.931e+04	-3372.04	-1.506e+05
		-1.506e+05	-2.990e+04	-9.97e-04		37.5	80.74	1816.67	-353.76	-9.925e+04	-1.664e+04	-7.081e+04
						75.0	80.74	1196.26	-353.76	-9.919e+04	-2.990e+04	-1.432e+04
158	31	1.422e+04	52.17	-1.54e-04	-6.34e-03	0.0	1.65	1509.92	0.19	2763.84	38.12	-5.231e+04
		-5.231e+04	38.12	1.04e-05		37.5	1.65	887.13	0.19	2767.59	45.15	-7366.72
						75.0	1.65	264.45	0.19	2771.39	52.17	1.422e+04
158	32	-1.413e+04	-3365.32	-6.44e-04	-0.01	0.0	80.80	2438.58	-353.73	-9.929e+04	-3365.32	-1.505e+05
		-1.505e+05	-2.990e+04	-9.97e-04		37.5	80.80	1817.70	-353.73	-9.923e+04	-1.663e+04	-7.066e+04
						75.0	80.80	1197.30	-353.73	-9.917e+04	-2.990e+04	-1.413e+04
159	1	2416.70	1028.55	-3.74e-05	-8.55e-03	0.0	0.07	1445.57	13.30	-2169.80	762.58	-2.218e+04
		-2.218e+04	762.58	-2.06e-05		10.0	0.07	1229.66	13.30	-2168.41	895.56	-8800.34
						20.0	0.07	1013.74	13.30	-2167.02	1028.55	2416.70
159	7	3.134e+04	383.61	-3.01e-05	-8.03e-03	0.0	-3.13	1721.56	6.01	1.729e+04	263.35	297.51
		297.51	263.35	0.0		10.0	-3.13	1552.26	6.01	1.729e+04	323.48	1.667e+04
						20.0	-3.13	1382.96	6.01	1.729e+04	383.61	3.134e+04
159	9	9.564e+04	1.427e+05	-3.91e-04	-0.02	0.0	303.34	-681.50	-165.37	5.717e+05	1.427e+05	9.564e+04
		7.773e+04	1.394e+05	-4.22e-04		10.0	303.34	-895.40	-165.37	5.717e+05	1.410e+05	8.775e+04
						20.0	303.34	-1109.37	-165.37	5.718e+05	1.394e+05	7.773e+04
159	14	1.129e+05	1.423e+05	-3.41e-04	-0.02	0.0	301.10	-588.48	-171.34	5.855e+05	1.423e+05	1.129e+05
		9.781e+04	1.389e+05	-4.06e-04		10.0	301.10	-754.81	-171.34	5.855e+05	1.406e+05	1.062e+05
						20.0	301.10	-921.20	-171.34	5.855e+05	1.389e+05	9.781e+04
159	15	1857.15	793.08	-2.88e-05	-6.58e-03	0.0	0.05	1111.84	10.30	-1674.86	587.06	-1.706e+04
		-1.706e+04	587.06	-1.60e-05		10.0	0.05	945.76	10.30	-1673.79	690.07	-6769.99
						20.0	0.05	779.67	10.30	-1672.72	793.08	1857.15
159	17	2.152e+04	518.46	-1.05e-05	-7.54e-03	0.0	-2.06	1518.44	7.38	1.097e+04	370.86	-5488.41
		-5488.41	370.86	-5.58e-06		10.0	-2.06	1350.21	7.38	1.098e+04	444.66	8854.81
						20.0	-2.06	1181.98	7.38	1.098e+04	518.46	2.152e+04
159	19	6.148e+04	9.521e+04	-2.65e-04	-0.02	0.0	202.23	-306.20	-108.81	3.809e+05	9.521e+04	6.148e+04
		5.206e+04	9.303e+04	-2.83e-04		10.0	202.23	-470.95	-108.81	3.809e+05	9.412e+04	5.760e+04
						20.0	202.23	-635.74	-108.81	3.809e+05	9.303e+04	5.206e+04
159	21	6.958e+04	9.505e+04	-2.37e-04	-0.02	0.0	200.75	-21.59	-110.85	3.898e+05	9.505e+04	6.958e+04
		6.583e+04	9.284e+04	-2.76e-04		10.0	200.75	-187.83	-110.85	3.898e+05	9.395e+04	6.854e+04
						20.0	200.75	-354.12	-110.85	3.898e+05	9.284e+04	6.583e+04
159	22	1857.15	793.08	-2.88e-05	-6.58e-03	0.0	0.05	1111.84	10.30	-1674.86	587.06	-1.706e+04
		-1.706e+04	587.06	-1.60e-05		10.0	0.05	945.76	10.30	-1673.79	690.07	-6769.99
						20.0	0.05	779.67	10.30	-1672.72	793.08	1857.15
159	24	1.169e+04	655.77	-9.15e-06	-7.05e-03	0.0	-1.01	1315.14	8.84	4649.46	478.96	-1.127e+04
		-1.127e+04	478.96	-1.08e-05		10.0	-1.01	1147.98	8.84	4650.80	567.36	1042.41
						20.0	-1.01	980.82	8.84	4652.15	655.77	1.169e+04
159	26	3.835e+04	6.682e+04	-1.94e-04	-0.01	0.0	141.57	119.21	-73.08	2.661e+05	6.682e+04	3.792e+04
		3.700e+04	6.536e+04	-2.03e-04		10.0	141.57	-45.94	-73.08	2.661e+05	6.609e+04	3.829e+04
						20.0	141.57	-211.12	-73.08	2.662e+05	6.536e+04	3.700e+04
159	28	4.314e+04	6.676e+04	-1.82e-04	-0.01	0.0	140.94	241.19	-73.95	2.699e+05	6.676e+04	4.139e+04
		4.139e+04	6.528e+04	-2.00e-04		10.0	140.94	75.40	-73.95	2.699e+05	6.602e+04	4.297e+04
						20.0	140.94	-90.43	-73.95	2.700e+05	6.528e+04	4.290e+04
159	29	1857.15	793.08	-2.88e-05	-6.58e-03	0.0	0.05	1111.84	10.30	-1674.86	587.06	-1.706e+04
		-1.706e+04	587.06	-1.60e-05		10.0	0.05	945.76	10.30	-1673.79	690.07	-6769.99
						20.0	0.05	779.67	10.30	-1672.72	793.08	1857.15
159	30	3.213e+04	5.736e+04	-1.70e-04	-0.01	0.0	121.36	261.01	-61.16	2.279e+05	5.736e+04	3.007e+04
		3.007e+04	5.614e+04	-1.76e-04		10.0	121.36	95.73	-61.16	2.279e+05	5.675e+04	3.185e+04
						20.0	121.36	-69.58	-61.16	2.279e+05	5.614e+04	3.198e+04
159	31	7754.73	710.70	-1.70e-05	-6.86e-03	0.0	-0.59	1233.82	9.43	2119.73	522.20	-1.359e+04
		-1.359e+04	522.20	-1.28e-05		10.0	-0.59	1067.09	9.43	2120.97	616.45	-2082.55
						20.0	-0.59	900.36	9.43	2122.20	710.70	7754.73
159	32	3.788e+04	5.729e+04	-1.58e-04	-0.01	0.0	120.72	382.99	-62.04	2.317e+05	5.729e+04	3.354e+04
		3.354e+04	5.605e+04	-1.73e-04		10.0	120.72	217.07	-62.04	2.317e+05	5.667e+04	3.654e+04
						20.0	120.72	51.11	-62.04	2.317e+05	5.605e+04	3.788e+04
160	1	-1.315e+04	996.89	5.69e-05	-8.10e-03	0.0	1.38	-849.80	-6.82	-3395.77	996.89	-1.315e+04
		-6.443e+04	724.06	-1.39e-05		20.0	1.38	-1282.01	-6.82	-3393.18	860.47	-3.447e+04
						40.0	1.38	-1714.24	-6.82	-3390.61	724.06	-6.443e+04
160	7	2.809e+04	-49.88	8.71e-06	-8.23e-03	0.0	-3.95	-1128.07	-7.03	25.15	-49.88	2.809e+04

	-3.057e+04	-331.26	0.0		20.0	-3.95	-1466.55	-7.03	29.54	-190.57	2146.68	
					40.0	-3.95	-1805.03	-7.03	33.93	-331.26	-3.057e+04	
160	9 -2.320e+05	-5.158e+04	4.82e-04	-0.02	0.0	203.56	-1312.14	-848.57	1.296e+05	-5.158e+04	-2.320e+05	
	-3.018e+05	-8.553e+04	-9.04e-04		20.0	203.56	-1743.70	-848.57	1.297e+05	-6.855e+04	-2.626e+05	
					40.0	203.56	-2175.45	-848.57	1.298e+05	-8.553e+04	-3.018e+05	
160	14 -2.022e+05	-5.238e+04	4.44e-04	-0.02	0.0	199.73	-1448.04	-848.25	1.323e+05	-5.238e+04	-2.022e+05	
	-2.736e+05	-8.631e+04	-8.93e-04		20.0	199.73	-1784.07	-848.25	1.323e+05	-6.934e+04	-2.346e+05	
					40.0	199.73	-2120.27	-848.25	1.324e+05	-8.631e+04	-2.736e+05	
160	15 -1.012e+04	773.32	4.37e-05	-6.23e-03	0.0	1.08	-653.61	-5.26	-2613.41	773.32	-1.012e+04	
	-4.957e+04	562.89	-1.07e-05		20.0	1.08	-986.08	-5.26	-2611.42	668.11	-2.652e+04	
					40.0	1.08	-1318.56	-5.26	-2609.45	562.89	-4.957e+04	
160	17 1.536e+04	218.90	2.04e-05	-7.56e-03	0.0	-2.29	-969.99	-6.43	-853.26	218.90	1.536e+04	
	-3.690e+04	-38.34	-3.20e-06		20.0	-2.29	-1306.46	-6.43	-849.67	90.28	-7405.66	
					40.0	-2.29	-1642.95	-6.43	-846.08	-38.34	-3.690e+04	
160	19 -1.560e+05	-3.428e+04	3.27e-04	-0.02	0.0	135.86	-961.83	-566.42	8.606e+04	-3.428e+04	-1.560e+05	
	-2.078e+05	-5.694e+04	-6.04e-04		20.0	135.86	-1293.87	-566.42	8.613e+04	-4.561e+04	-1.786e+05	
					40.0	135.86	-1626.04	-566.42	8.619e+04	-5.694e+04	-2.078e+05	
160	21 -1.382e+05	-3.467e+04	3.11e-04	-0.02	0.0	133.50	-1183.30	-567.24	8.730e+04	-3.467e+04	-1.382e+05	
	-1.989e+05	-5.736e+04	-5.99e-04		20.0	133.50	-1518.14	-567.24	8.736e+04	-4.601e+04	-1.652e+05	
					40.0	133.50	-1853.11	-567.24	8.742e+04	-5.736e+04	-1.989e+05	
160	22 -1.012e+04	773.32	4.37e-05	-6.23e-03	0.0	1.08	-653.61	-5.26	-2613.41	773.32	-1.012e+04	
	-4.957e+04	562.89	-1.07e-05		20.0	1.08	-986.08	-5.26	-2611.42	668.11	-2.652e+04	
					40.0	1.08	-1318.56	-5.26	-2609.45	562.89	-4.957e+04	
160	24 2617.23	496.11	3.21e-05	-6.90e-03	0.0	-0.61	-811.80	-5.85	-1733.34	496.11	2617.23	
	-4.323e+04	262.27	-6.97e-06		20.0	-0.61	-1146.27	-5.85	-1730.54	379.19	-1.696e+04	
					40.0	-0.61	-1480.75	-5.85	-1727.76	262.27	-4.323e+04	
160	26 -1.123e+05	-2.376e+04	2.42e-04	-0.01	0.0	95.42	-869.37	-398.08	5.946e+04	-2.376e+04	-1.123e+05	
	-1.603e+05	-3.969e+04	-4.26e-04		20.0	95.42	-1201.53	-398.08	5.951e+04	-3.173e+04	-1.330e+05	
					40.0	95.42	-1533.80	-398.08	5.955e+04	-3.969e+04	-1.603e+05	
160	28 -1.046e+05	-2.393e+04	2.35e-04	-0.01	0.0	94.41	-964.28	-398.43	5.999e+04	-2.393e+04	-1.046e+05	
	-1.565e+05	-3.987e+04	-4.24e-04		20.0	94.41	-1297.65	-398.43	6.003e+04	-3.190e+04	-1.272e+05	
					40.0	94.41	-1631.11	-398.43	6.008e+04	-3.987e+04	-1.565e+05	
160	29 -1.012e+04	773.32	4.37e-05	-6.23e-03	0.0	1.08	-653.61	-5.26	-2613.41	773.32	-1.012e+04	
	-4.957e+04	562.89	-1.07e-05		20.0	1.08	-986.08	-5.26	-2611.42	668.11	-2.652e+04	
					40.0	1.08	-1318.56	-5.26	-2609.45	562.89	-4.957e+04	
160	30 -9.767e+04	-2.026e+04	2.14e-04	-0.01	0.0	81.95	-838.54	-341.96	5.059e+04	-2.026e+04	-9.767e+04	
	-1.445e+05	-3.394e+04	-3.67e-04		20.0	81.95	-1170.75	-341.96	5.063e+04	-2.710e+04	-1.178e+05	
					40.0	81.95	-1503.05	-341.96	5.067e+04	-3.394e+04	-1.445e+05	
160	31 -2479.39	607.00	3.67e-05	-6.63e-03	0.0	0.07	-748.52	-5.61	-2085.37	607.00	-2479.39	
	-4.577e+04	382.52	-8.47e-06		20.0	0.07	-1082.19	-5.61	-2082.90	494.76	-2.079e+04	
					40.0	0.07	-1415.88	-5.61	-2080.44	382.52	-4.577e+04	
160	32 -9.003e+04	-2.042e+04	2.07e-04	-0.01	0.0	80.94	-933.46	-342.31	5.112e+04	-2.042e+04	-9.003e+04	
	-1.407e+05	-3.412e+04	-3.65e-04		20.0	80.94	-1266.87	-342.31	5.116e+04	-2.727e+04	-1.120e+05	
					40.0	80.94	-1600.36	-342.31	5.120e+04	-3.412e+04	-1.407e+05	
161	1 1.053e+05	-175.64	2.69e-04	-8.64e-03	0.0	1.77	873.71	-0.25	-2147.08	-175.64	8.769e+04	
	-2.391e+04	-212.41	1.15e-05		75.0	1.77	-743.96	-0.25	-2136.31	-194.03	9.256e+04	
					150.0	1.77	-2362.04	-0.25	-2125.71	-212.41	-2.391e+04	
161	5 8.099e+04	-134.61	2.07e-04	-6.65e-03	0.0	1.36	672.08	-0.19	-1652.44	-134.61	6.745e+04	
	-1.840e+04	-163.40	8.91e-06		75.0	1.36	-572.27	-0.19	-1644.15	-149.00	7.120e+04	
					150.0	1.36	-1816.95	-0.19	-1635.99	-163.40	-1.840e+04	
161	11 8.815e+05	1.513e+05	1.69e-03	-0.02	0.0	235.58	-3612.94	-454.39	9.219e+05	1.513e+05	8.815e+05	
	9.996e+04	8.311e+04	5.39e-03		75.0	235.58	-5209.77	-454.39	9.221e+05	1.172e+05	5.507e+05	
					150.0	235.58	-6809.24	-454.39	9.223e+05	8.311e+04	9.996e+04	
161	14 8.613e+05	1.513e+05	-1.63e-03	-0.02	0.0	235.17	-3814.56	-454.33	9.224e+05	1.513e+05	8.613e+05	
	1.055e+05	8.316e+04	5.38e-03		75.0	235.17	-5038.09	-454.33	9.225e+05	1.172e+05	5.293e+05	
					150.0	235.17	-6264.15	-454.33	9.228e+05	8.316e+04	1.055e+05	
161	15 8.099e+04	-134.89	2.07e-04	-6.65e-03	0.0	1.36	672.08	-0.19	-1651.96	-134.89	6.745e+04	
	-1.840e+04	-163.39	8.86e-06		75.0	1.36	-572.27	-0.19	-1643.68	-149.14	7.120e+04	
					150.0	1.36	-1816.95	-0.19	-1635.52	-163.39	-1.840e+04	
161	21 5.967e+05	1.008e+05	1.16e-03	-0.02	0.0	157.23	-2319.01	-302.95	6.144e+05	1.008e+05	5.967e+05	
	6.419e+04	5.538e+04	3.59e-03		75.0	157.23	-3549.48	-302.95	6.145e+05	7.810e+04	3.766e+05	
					150.0	157.23	-4781.75	-302.95	6.146e+05	5.538e+04	6.419e+04	
161	22 8.099e+04	-134.89	2.07e-04	-6.65e-03	0.0	1.36	672.08	-0.19	-1651.96	-134.89	6.745e+04	
	-1.840e+04	-163.39	8.86e-06		75.0	1.36	-572.27	-0.19	-1643.68	-149.14	7.120e+04	
					150.0	1.36	-1816.95	-0.19	-1635.52	-163.39	-1.840e+04	
161	28 4.376e+05	7.052e+04	8.69e-04	-0.01	0.0	110.40	-1420.46	-212.12	4.292e+05	7.052e+04	4.376e+05	
	3.930e+04	3.870e+04	2.52e-03		75.0	110.40	-2655.09	-212.12	4.293e+05	5.461e+04	2.848e+05	
					150.0	110.40	-3891.08	-212.12	4.294e+05	3.870e+04	3.930e+04	
161	29 8.099e+04	-134.89	2.07e-04	-6.65e-03	0.0	1.36	672.08	-0.19	-1651.96	-134.89	6.745e+04	
	-1.840e+04	-163.39	8.86e-06		75.0	1.36	-572.27	-0.19	-1643.68	-149.14	7.120e+04	
					150.0	1.36	-1816.95	-0.19	-1635.52	-163.39	-1.840e+04	

161	32	3.848e+05	6.043e+04	7.75e-04	-0.01	0.0	94.84	-1121.80	-181.84	3.678e+05	6.043e+04	3.848e+05
		3.109e+04	3.316e+04	2.16e-03		75.0	94.84	-2357.82	-181.84	3.678e+05	4.679e+04	2.543e+05
						150.0	94.84	-3595.05	-181.84	3.679e+05	3.316e+04	3.109e+04
162	1	615.42	996.68	1.81e-04	-8.27e-03	0.0	1.30	1604.57	1.52	-2646.52	829.46	-5.895e+04
		-5.895e+04	829.46	-5.89e-05		55.0	1.30	416.31	1.52	-2639.22	913.07	-3375.29
						110.0	1.30	-772.14	1.52	-2632.02	996.68	-1.316e+04
162	3	3.554e+04	162.52	1.66e-05	-0.01	0.0	-3.51	1728.64	0.78	5631.15	76.77	-3.253e+04
		-3.253e+04	76.77	-9.63e-06		55.0	-3.51	523.58	0.78	5644.54	119.64	2.940e+04
						110.0	-3.51	-681.49	0.78	5658.16	162.52	2.506e+04
162	7	3.552e+04	-52.50	2.50e-05	-8.23e-03	0.0	-3.79	1358.55	0.35	6238.91	-90.68	-1.896e+04
		-1.896e+04	-90.68	3.31e-06		55.0	-3.79	427.70	0.35	6250.61	-71.59	3.016e+04
						110.0	-3.79	-503.11	0.35	6262.57	-52.50	2.808e+04
162	9	-1.881e+05	-5.225e+04	1.76e-03	-0.02	0.0	268.98	990.26	92.44	1.284e+05	-6.242e+04	-2.108e+05
		-2.321e+05	-6.242e+04	-1.21e-03		55.0	268.98	-193.50	92.44	1.286e+05	-5.734e+04	-1.889e+05
						110.0	268.98	-1379.17	92.44	1.289e+05	-5.225e+04	-2.321e+05
162	14	-1.638e+05	-5.305e+04	1.60e-03	-0.02	0.0	265.33	707.02	91.49	1.348e+05	-6.312e+04	-1.787e+05
		-2.023e+05	-6.312e+04	-1.16e-03		55.0	265.33	-214.29	91.49	1.351e+05	-5.809e+04	-1.652e+05
						110.0	265.33	-1137.34	91.49	1.353e+05	-5.305e+04	-2.023e+05
162	15	464.18	773.19	1.39e-04	-6.36e-03	0.0	1.01	1234.37	1.13	-2037.08	648.46	-4.536e+04
		-4.536e+04	648.46	-4.56e-05		55.0	1.01	320.32	1.13	-2031.46	710.82	-2607.32
						110.0	1.01	-593.87	1.13	-2025.93	773.19	-1.013e+04
162	17	2.375e+04	217.08	2.96e-05	-7.57e-03	0.0	-2.20	1317.08	0.64	3481.37	146.67	-2.775e+04
		-2.775e+04	146.67	-1.27e-05		55.0	-2.20	391.84	0.64	3491.04	181.88	1.925e+04
						110.0	-2.20	-533.44	0.64	3500.86	217.08	1.535e+04
162	19	-1.261e+05	-3.473e+04	1.19e-03	-0.02	0.0	179.46	824.83	61.75	8.533e+04	-4.152e+04	-1.466e+05
		-1.561e+05	-4.152e+04	-8.11e-04		55.0	179.46	-86.22	61.75	8.549e+04	-3.812e+04	-1.263e+05
						110.0	179.46	-998.56	61.75	8.566e+04	-3.473e+04	-1.561e+05
162	21	-1.110e+05	-3.512e+04	1.11e-03	-0.02	0.0	177.21	882.73	61.40	8.919e+04	-4.187e+04	-1.343e+05
		-1.383e+05	-4.187e+04	-7.88e-04		55.0	177.21	-36.16	61.40	8.936e+04	-3.849e+04	-1.110e+05
						110.0	177.21	-956.25	61.40	8.953e+04	-3.512e+04	-1.383e+05
162	22	464.18	773.19	1.39e-04	-6.36e-03	0.0	1.01	1234.37	1.13	-2037.08	648.46	-4.536e+04
		-4.536e+04	648.46	-4.56e-05		55.0	1.01	320.32	1.13	-2031.46	710.82	-2607.32
						110.0	1.01	-593.87	1.13	-2025.93	773.19	-1.013e+04
162	24	1.211e+04	495.13	8.43e-05	-6.97e-03	0.0	-0.59	1275.72	0.89	722.14	397.57	-3.656e+04
		-3.656e+04	397.57	-2.92e-05		55.0	-0.59	356.08	0.89	729.79	446.35	8318.90
						110.0	-0.59	-563.65	0.89	737.47	495.13	2611.00
162	26	-8.918e+04	-2.408e+04	8.75e-04	-0.01	0.0	125.93	947.69	43.56	5.912e+04	-2.887e+04	-1.162e+05
		-1.162e+05	-2.887e+04	-5.81e-04		55.0	125.93	35.74	43.56	5.923e+04	-2.647e+04	-8.918e+04
						110.0	125.93	-877.15	43.56	5.935e+04	-2.408e+04	-1.123e+05
162	28	-8.262e+04	-2.424e+04	8.42e-04	-0.01	0.0	124.96	972.51	43.42	6.077e+04	-2.902e+04	-1.109e+05
		-1.109e+05	-2.902e+04	-5.71e-04		55.0	124.96	57.20	43.42	6.089e+04	-2.663e+04	-8.262e+04
						110.0	124.96	-859.02	43.42	6.101e+04	-2.424e+04	-1.047e+05
162	29	464.18	773.19	1.39e-04	-6.36e-03	0.0	1.01	1234.37	1.13	-2037.08	648.46	-4.536e+04
		-4.536e+04	648.46	-4.56e-05		55.0	1.01	320.32	1.13	-2031.46	710.82	-2607.32
						110.0	1.01	-593.87	1.13	-2025.93	773.19	-1.013e+04
162	30	-7.668e+04	-2.053e+04	7.70e-04	-0.01	0.0	108.08	988.64	37.50	5.038e+04	-2.465e+04	-1.061e+05
		-1.061e+05	-2.465e+04	-5.05e-04		55.0	108.08	76.40	37.50	5.048e+04	-2.259e+04	-7.681e+04
						110.0	108.08	-836.68	37.50	5.059e+04	-2.053e+04	-9.771e+04
162	31	7449.50	606.36	1.06e-04	-6.72e-03	0.0	0.05	1259.18	0.99	-381.54	497.92	-4.008e+04
		-4.008e+04	497.92	-3.57e-05		55.0	0.05	341.78	0.99	-374.71	552.14	3948.41
						110.0	0.05	-575.74	0.99	-367.89	606.36	-2485.09
162	32	-6.998e+04	-2.069e+04	7.37e-04	-0.01	0.0	107.12	1013.46	37.35	5.204e+04	-2.480e+04	-1.008e+05
		-1.008e+05	-2.480e+04	-4.95e-04		55.0	107.12	97.85	37.35	5.214e+04	-2.275e+04	-7.025e+04
						110.0	107.12	-818.55	37.35	5.224e+04	-2.069e+04	-9.007e+04
163	1	1.058e+05	-84.15	2.29e-04	-8.64e-03	0.0	1.49	2347.98	-0.95	4297.93	-84.15	-2.184e+04
		-2.184e+04	-225.97	2.26e-05		75.0	1.49	729.99	-0.95	4308.29	-155.06	9.358e+04
						150.0	1.49	-887.64	-0.95	4318.98	-225.97	8.767e+04
163	5	8.137e+04	-64.29	1.76e-04	-6.65e-03	0.0	1.14	1806.14	-0.73	3306.04	-64.29	-1.680e+04
		-1.680e+04	-173.39	1.74e-05		75.0	1.14	561.53	-0.73	3314.01	-118.84	7.198e+04
						150.0	1.14	-682.81	-0.73	3322.23	-173.39	6.743e+04
163	11	8.804e+05	1.467e+05	-1.90e-03	-0.02	0.0	202.65	6917.15	393.85	-7.287e+05	8.761e+04	8.271e+04
		8.271e+04	8.761e+04	-2.49e-03		75.0	202.65	5317.22	393.85	-7.285e+05	1.171e+05	5.415e+05
						150.0	202.65	3720.22	393.85	-7.283e+05	1.467e+05	8.804e+05
163	14	8.601e+05	1.467e+05	-1.84e-03	-0.02	0.0	202.30	6375.31	394.06	-7.297e+05	8.763e+04	8.775e+04
		8.775e+04	8.763e+04	-2.49e-03		75.0	202.30	5148.76	394.06	-7.295e+05	1.172e+05	5.199e+05
						150.0	202.30	3925.06	394.06	-7.293e+05	1.467e+05	8.601e+05
163	15	8.138e+04	-64.54	1.76e-04	-6.65e-03	0.0	1.14	1806.14	-0.73	3306.07	-64.54	-1.680e+04
		-1.680e+04	-173.63	1.74e-05		75.0	1.14	561.53	-0.73	3314.05	-119.09	7.198e+04
						150.0	1.14	-682.80	-0.73	3322.26	-173.63	6.744e+04
163	21	5.959e+05	9.777e+04	-1.29e-03	-0.02	0.0	135.25	4852.25	262.47	-4.854e+05	5.840e+04	5.290e+04
		5.290e+04	5.840e+04	-1.66e-03		75.0	135.25	3619.68	262.47	-4.852e+05	7.808e+04	3.706e+05

						150.0	135.25	2389.11	262.47	-4.851e+05	9.777e+04	5.959e+05	
163	22	8.138e+04	-64.54	1.76e-04	-6.65e-03	0.0	1.14	1806.14	-0.73	3306.07	-64.54	-1.680e+04	
		-1.680e+04	-173.63	1.74e-05		75.0	1.14	561.53	-0.73	3314.05	-119.09	7.198e+04	
						150.0	1.14	-682.80	-0.73	3322.26	-173.63	6.744e+04	
163	28	4.371e+05	6.838e+04	-9.55e-04	-0.01	0.0	94.98	3937.59	183.49	-3.388e+05	4.085e+04	3.182e+04	
		3.182e+04	4.085e+04	-1.16e-03		75.0	94.98	2701.41	183.49	-3.387e+05	5.461e+04	2.808e+05	
						150.0	94.98	1466.71	183.49	-3.386e+05	6.838e+04	4.371e+05	
163	29	8.138e+04	-64.54	1.76e-04	-6.65e-03	0.0	1.14	1806.14	-0.73	3306.07	-64.54	-1.680e+04	
		-1.680e+04	-173.63	1.74e-05		75.0	1.14	561.53	-0.73	3314.05	-119.09	7.198e+04	
						150.0	1.14	-682.80	-0.73	3322.26	-173.63	6.744e+04	
163	32	3.843e+05	5.859e+04	-8.43e-04	-0.01	0.0	81.58	3633.29	157.18	-2.899e+05	3.501e+04	2.491e+04	
		2.491e+04	3.501e+04	-9.88e-04		75.0	81.58	2395.90	157.18	-2.898e+05	4.680e+04	2.510e+05	
						150.0	81.58	1159.82	157.18	-2.898e+05	5.859e+04	3.843e+05	
164	1	1.154e+04	982.85	6.49e-05	-7.97e-03	0.0	1.39	-61.64	-4.99	-3108.74	982.85	1.154e+04	
		-4.573e+04	633.86	-2.95e-06		35.0	1.39	-818.19	-4.99	-3104.37	808.35	-3857.37	
						70.0	1.39	-1574.79	-4.99	-3100.05	633.86	-4.573e+04	
164	3	5.238e+04	129.52	7.31e-05	-0.01	0.0	-4.07	-364.60	-5.70	-5444.08	129.52	5.238e+04	
		-2.683e+04	-269.39	-5.18e-06		35.0	-4.07	-1131.58	-5.70	-5435.36	-69.94	2.620e+04	
						70.0	-4.07	-1898.61	-5.70	-5426.74	-269.39	-2.683e+04	
164	7	4.970e+04	-80.58	5.81e-05	-8.21e-03	0.0	-4.35	-350.49	-4.46	-4726.69	-80.58	4.970e+04	
		-1.630e+04	-392.43	-4.34e-06		35.0	-4.35	-942.88	-4.46	-4718.98	-236.50	2.707e+04	
						70.0	-4.35	-1535.31	-4.46	-4711.35	-392.43	-1.630e+04	
164	9	-2.455e+05	-1.629e+05	2.41e-04	-0.02	0.0	180.97	-162.76	856.42	-3.130e+05	-2.229e+05	-2.455e+05	
		-3.099e+05	-2.229e+05	-5.53e-03		35.0	180.97	-919.49	856.42	-3.129e+05	-1.929e+05	-2.645e+05	
						70.0	180.97	-1676.40	856.42	-3.127e+05	-1.629e+05	-3.099e+05	
164	14	-2.196e+05	-1.637e+05	2.32e-04	-0.02	0.0	176.87	-360.71	857.16	-3.140e+05	-2.237e+05	-2.196e+05	
		-2.861e+05	-2.237e+05	-5.53e-03		35.0	176.87	-950.16	857.16	-3.138e+05	-1.937e+05	-2.426e+05	
						70.0	176.87	-1539.77	857.16	-3.136e+05	-1.637e+05	-2.861e+05	
164	15	8870.08	763.31	4.99e-05	-6.13e-03	0.0	1.08	-47.46	-3.79	-2391.34	763.31	8870.08	
		-3.519e+04	497.68	-2.21e-06		35.0	1.08	-629.43	-3.79	-2387.98	630.50	-2975.41	
						70.0	1.08	-1211.42	-3.79	-2384.66	497.68	-3.519e+04	
164	17	3.610e+04	194.42	5.54e-05	-7.52e-03	0.0	-2.56	-249.44	-4.27	-3948.24	194.42	3.610e+04	
		-2.259e+04	-104.48	-3.62e-06		35.0	-2.56	-838.35	-4.27	-3941.98	44.97	1.706e+04	
						70.0	-2.56	-1427.31	-4.27	-3935.78	-104.48	-2.259e+04	
164	19	-1.625e+05	-1.085e+05	1.67e-04	-0.02	0.0	120.81	-114.87	570.47	-2.090e+05	-1.485e+05	-1.625e+05	
		-2.113e+05	-1.485e+05	-3.69e-03		35.0	120.81	-696.96	570.47	-2.089e+05	-1.285e+05	-1.767e+05	
						70.0	120.81	-1279.16	570.47	-2.088e+05	-1.085e+05	-2.113e+05	
164	21	-1.435e+05	-1.090e+05	1.71e-04	-0.02	0.0	118.26	-256.26	570.14	-2.101e+05	-1.489e+05	-1.435e+05	
		-2.025e+05	-1.489e+05	-3.69e-03		35.0	118.26	-843.21	570.14	-2.100e+05	-1.289e+05	-1.627e+05	
						70.0	118.26	-1430.28	570.14	-2.099e+05	-1.090e+05	-2.025e+05	
164	22	8870.08	763.31	4.99e-05	-6.13e-03	0.0	1.08	-47.46	-3.79	-2391.34	763.31	8870.08	
		-3.519e+04	497.68	-2.21e-06		35.0	1.08	-629.43	-3.79	-2387.98	630.50	-2975.41	
						70.0	1.08	-1211.42	-3.79	-2384.66	497.68	-3.519e+04	
164	24	2.248e+04	478.86	5.27e-05	-6.82e-03	0.0	-0.74	-148.45	-4.03	-3169.79	478.86	2.248e+04	
		-2.889e+04	196.60	-2.78e-06		35.0	-0.74	-733.89	-4.03	-3164.98	337.73	7042.17	
						70.0	-0.74	-1319.37	-4.03	-3160.22	196.60	-2.889e+04	
164	26	-1.111e+05	-7.583e+04	1.32e-04	-0.01	0.0	84.89	-94.65	398.19	-1.470e+05	-1.037e+05	-1.111e+05	
		-1.585e+05	-1.037e+05	-2.58e-03		35.0	84.89	-676.70	398.19	-1.469e+05	-8.977e+04	-1.246e+05	
						70.0	84.89	-1258.84	398.19	-1.469e+05	-7.583e+04	-1.585e+05	
164	28	-1.029e+05	-7.601e+04	1.34e-04	-0.01	0.0	83.80	-155.24	398.05	-1.475e+05	-1.039e+05	-1.029e+05	
		-1.547e+05	-1.039e+05	-2.58e-03		35.0	83.80	-739.38	398.05	-1.474e+05	-8.995e+04	-1.186e+05	
						70.0	83.80	-1323.61	398.05	-1.473e+05	-7.601e+04	-1.547e+05	
164	29	8870.08	763.31	4.99e-05	-6.13e-03	0.0	1.08	-47.46	-3.79	-2391.34	763.31	8870.08	
		-3.519e+04	497.68	-2.21e-06		35.0	1.08	-629.43	-3.79	-2387.98	630.50	-2975.41	
						70.0	1.08	-1211.42	-3.79	-2384.66	497.68	-3.519e+04	
164	30	-9.396e+04	-6.493e+04	1.20e-04	-0.01	0.0	72.92	-87.91	340.77	-1.264e+05	-8.878e+04	-9.396e+04	
		-1.409e+05	-8.878e+04	-2.21e-03		35.0	72.92	-669.95	340.77	-1.263e+05	-7.686e+04	-1.072e+05	
						70.0	72.92	-1252.07	340.77	-1.262e+05	-6.493e+04	-1.409e+05	
164	31	1.704e+04	592.64	5.16e-05	-6.55e-03	0.0	-0.01	-108.06	-3.94	-2858.41	592.64	1.704e+04	
		-3.141e+04	317.04	-2.45e-06		35.0	-0.01	-692.10	-3.94	-2854.18	454.84	3035.14	
						70.0	-0.01	-1276.19	-3.94	-2850.00	317.04	-3.141e+04	
164	32	-8.579e+04	-6.511e+04	1.22e-04	-0.01	0.0	71.82	-148.50	340.62	-1.268e+05	-8.895e+04	-8.579e+04	
		-1.371e+05	-8.895e+04	-2.21e-03		35.0	71.82	-732.62	340.62	-1.268e+05	-7.703e+04	-1.012e+05	
						70.0	71.82	-1316.83	340.62	-1.267e+05	-6.511e+04	-1.371e+05	
165	1	1.390e+04	-169.12	-2.11e-04	-8.21e-03	0.0	2.43	-372.96	-1.65	-1385.70	-169.12	1.390e+04	
		-7.479e+04	-292.87	-1.78e-06		37.5	2.43	-1182.54	-1.65	-1380.50	-231.00	-1.526e+04	
						75.0	2.43	-1992.28	-1.65	-1375.32	-292.87	-7.479e+04	
165	5	1.070e+04	-130.54	-1.62e-04	-6.32e-03	0.0	1.86	-286.89	-1.28	-1066.87	-130.54	1.070e+04	
		-5.753e+04	-226.24	-1.33e-06		37.5	1.86	-909.64	-1.28	-1062.87	-178.39	-1.174e+04	
						75.0	1.86	-1532.52	-1.28	-1058.89	-226.24	-5.753e+04	
165	7	1.005e+04	-6.82	-1.74e-04	-6.31e-03	0.0	2.50	-307.43	-1.26	1593.25	-6.82	1.005e+04	

		-5.972e+04	-101.69	9.49e-06		37.5	2.50	-930.24	-1.26	1597.61	-54.26	-1.315e+04
						75.0	2.50	-1553.19	-1.26	1602.01	-101.69	-5.972e+04
165	9	-1.972e+04	-2.450e+04	-1.39e-03	-0.02	0.0	247.60	-2472.99	801.23	4.445e+05	-8.459e+04	-1.972e+04
		-2.655e+05	-8.459e+04	3.79e-03		37.5	247.60	-3276.31	801.23	4.447e+05	-5.454e+04	-1.275e+05
						75.0	247.60	-4080.66	801.23	4.448e+05	-2.450e+04	-2.655e+05
165	11	-2.017e+04	-2.441e+04	-1.40e-03	-0.02	0.0	248.05	-2487.37	801.24	4.463e+05	-8.450e+04	-2.017e+04
		-2.670e+05	-8.450e+04	3.80e-03		37.5	248.05	-3290.73	801.24	4.465e+05	-5.446e+04	-1.285e+05
						75.0	248.05	-4095.13	801.24	4.467e+05	-2.441e+04	-2.670e+05
165	15	1.070e+04	-130.29	-1.62e-04	-6.32e-03	0.0	1.87	-286.89	-1.27	-1066.33	-130.29	1.070e+04
		-5.753e+04	-225.70	-1.35e-06		37.5	1.87	-909.65	-1.27	-1062.34	-177.99	-1.174e+04
						75.0	1.87	-1532.52	-1.27	-1058.36	-225.70	-5.753e+04
165	17	1.027e+04	-47.81	-1.70e-04	-6.31e-03	0.0	2.29	-300.59	-1.26	707.08	-47.81	1.027e+04
		-5.899e+04	-142.67	5.86e-06		37.5	2.29	-923.38	-1.26	711.32	-95.24	-1.268e+04
						75.0	2.29	-1546.30	-1.26	715.58	-142.67	-5.899e+04
165	19	-1.172e+04	-1.636e+04	-9.48e-04	-0.02	0.0	165.31	-1686.91	533.98	2.962e+05	-5.641e+04	-1.172e+04
		-1.846e+05	-5.641e+04	2.53e-03		37.5	165.31	-2305.49	533.98	2.963e+05	-3.639e+04	-8.658e+04
						75.0	165.31	-2924.77	533.98	2.964e+05	-1.636e+04	-1.846e+05
165	21	-1.202e+04	-1.630e+04	-9.54e-04	-0.02	0.0	165.61	-1696.50	533.99	2.974e+05	-5.635e+04	-1.202e+04
		-1.857e+05	-5.635e+04	2.53e-03		37.5	165.61	-2315.10	533.99	2.975e+05	-3.633e+04	-8.724e+04
						75.0	165.61	-2934.42	533.99	2.977e+05	-1.630e+04	-1.857e+05
165	22	1.070e+04	-130.29	-1.62e-04	-6.32e-03	0.0	1.87	-286.89	-1.27	-1066.33	-130.29	1.070e+04
		-5.753e+04	-225.70	-1.35e-06		37.5	1.87	-909.65	-1.27	-1062.34	-177.99	-1.174e+04
						75.0	1.87	-1532.52	-1.27	-1058.36	-225.70	-5.753e+04
165	24	1.048e+04	-89.05	-1.66e-04	-6.31e-03	0.0	2.08	-293.74	-1.27	-179.63	-89.05	1.048e+04
		-5.826e+04	-184.19	2.25e-06		37.5	2.08	-916.51	-1.27	-175.51	-136.62	-1.221e+04
						75.0	2.08	-1539.41	-1.27	-171.39	-184.19	-5.826e+04
165	26	-4997.34	-1.152e+04	-7.13e-04	-0.01	0.0	116.28	-1266.91	373.41	2.070e+05	-3.953e+04	-4997.34
		-1.465e+05	-3.953e+04	1.77e-03		37.5	116.28	-1886.74	373.41	2.071e+05	-2.552e+04	-6.413e+04
						75.0	116.28	-2507.10	373.41	2.072e+05	-1.152e+04	-1.465e+05
165	28	-5125.43	-1.150e+04	-7.15e-04	-0.01	0.0	116.41	-1271.01	373.41	2.075e+05	-3.950e+04	-5125.43
		-1.469e+05	-3.950e+04	1.77e-03		37.5	116.41	-1890.86	373.41	2.076e+05	-2.550e+04	-6.441e+04
						75.0	116.41	-2511.23	373.41	2.077e+05	-1.150e+04	-1.469e+05
165	29	1.070e+04	-130.29	-1.62e-04	-6.32e-03	0.0	1.87	-286.89	-1.27	-1066.33	-130.29	1.070e+04
		-5.753e+04	-225.70	-1.35e-06		37.5	1.87	-909.65	-1.27	-1062.34	-177.99	-1.174e+04
						75.0	1.87	-1532.52	-1.27	-1058.36	-225.70	-5.753e+04
165	30	-2755.52	-9907.69	-6.34e-04	-0.01	0.0	99.94	-1126.90	319.88	1.773e+05	-3.390e+04	-2755.52
		-1.338e+05	-3.390e+04	1.52e-03		37.5	99.94	-1747.15	319.88	1.774e+05	-2.190e+04	-5.664e+04
						75.0	99.94	-2367.87	319.88	1.774e+05	-9907.69	-1.338e+05
165	31	1.057e+04	-105.54	-1.65e-04	-6.31e-03	0.0	1.99	-291.00	-1.27	-534.31	-105.54	1.057e+04
		-5.797e+04	-200.79	0.0		37.5	1.99	-913.77	-1.27	-530.24	-153.17	-1.202e+04
						75.0	1.99	-1536.65	-1.27	-526.18	-200.79	-5.797e+04
165	32	-2883.60	-9882.78	-6.36e-04	-0.01	0.0	100.06	-1131.01	319.88	1.778e+05	-3.387e+04	-2883.60
		-1.342e+05	-3.387e+04	1.52e-03		37.5	100.06	-1751.27	319.88	1.779e+05	-2.188e+04	-5.692e+04
						75.0	100.06	-2372.00	319.88	1.780e+05	-9882.78	-1.342e+05
167	1	1.607e+04	-169.12	2.07e-04	-8.40e-03	0.0	3.10	1311.24	0.58	-1394.83	-212.34	-2.376e+04
		-2.376e+04	-212.34	1.21e-06		37.5	3.10	501.97	0.58	-1389.57	-190.73	1.023e+04
						75.0	3.10	-307.45	0.58	-1384.35	-169.12	1.388e+04
167	5	1.236e+04	-130.54	1.59e-04	-6.46e-03	0.0	2.38	1008.65	0.44	-1073.89	-163.33	-1.828e+04
		-1.828e+04	-163.33	0.0		37.5	2.38	386.13	0.44	-1069.85	-146.94	7872.39
						75.0	2.38	-236.50	0.44	-1065.84	-130.54	1.068e+04
167	9	1.005e+05	8.315e+04	1.43e-03	-0.02	0.0	249.77	-803.79	-2236.54	8.683e+05	8.315e+04	1.005e+05
		-1.985e+04	-8.459e+04	4.50e-03		37.5	249.77	-1604.98	-2236.54	8.684e+05	-719.38	5.538e+04
						75.0	249.77	-2407.22	-2236.54	8.686e+05	-8.459e+04	-1.985e+04
167	11	1.012e+05	8.323e+04	1.44e-03	-0.02	0.0	250.32	-818.11	-2236.45	8.701e+05	8.323e+04	1.012e+05
		-2.030e+04	-8.450e+04	4.50e-03		37.5	250.32	-1619.32	-2236.45	8.703e+05	-635.86	5.546e+04
						75.0	250.32	-2421.60	-2236.45	8.704e+05	-8.450e+04	-2.030e+04
167	14	1.066e+05	8.328e+04	1.39e-03	-0.02	0.0	249.60	-1120.70	-2236.59	8.705e+05	8.328e+04	1.066e+05
		-2.350e+04	-8.446e+04	4.50e-03		37.5	249.60	-1735.16	-2236.59	8.706e+05	-592.07	5.310e+04
						75.0	249.60	-2350.65	-2236.59	8.707e+05	-8.446e+04	-2.350e+04
167	15	1.236e+04	-130.29	1.59e-04	-6.46e-03	0.0	2.38	1008.64	0.44	-1073.36	-163.33	-1.828e+04
		-1.828e+04	-163.33	0.0		37.5	2.38	386.13	0.44	-1069.32	-146.81	7872.74
						75.0	2.38	-236.50	0.44	-1065.30	-130.29	1.068e+04
167	19	6.459e+04	5.541e+04	9.76e-04	-0.02	0.0	166.83	-401.38	-1490.97	5.787e+05	5.541e+04	6.459e+04
		-1.181e+04	-5.641e+04	3.00e-03		37.5	166.83	-1018.50	-1490.97	5.788e+05	-499.25	3.797e+04
						75.0	166.83	-1636.35	-1490.97	5.789e+05	-5.641e+04	-1.181e+04
167	21	6.500e+04	5.547e+04	9.82e-04	-0.02	0.0	167.20	-410.92	-1490.91	5.799e+05	5.547e+04	6.500e+04
		-1.211e+04	-5.635e+04	3.00e-03		37.5	167.20	-1028.06	-1490.91	5.800e+05	-443.57	3.803e+04
						75.0	167.20	-1645.93	-1490.91	5.801e+05	-5.635e+04	-1.211e+04
167	22	1.236e+04	-130.29	1.59e-04	-6.46e-03	0.0	2.38	1008.64	0.44	-1073.36	-163.33	-1.828e+04
		-1.828e+04	-163.33	0.0		37.5	2.38	386.13	0.44	-1069.32	-146.81	7872.74
						75.0	2.38	-236.50	0.44	-1065.30	-130.29	1.068e+04

167	26	3.973e+04	3.874e+04	7.31e-04	-0.01	0.0	117.49	21.63	-1043.55	4.048e+05	3.874e+04	3.973e+04
		-5061.62	-3.953e+04	2.10e-03		37.5	117.49	-597.11	-1043.55	4.048e+05	-393.52	2.894e+04
						75.0	117.49	-1216.39	-1043.55	4.049e+05	-3.953e+04	-5061.62
167	28	3.991e+04	3.876e+04	7.33e-04	-0.01	0.0	117.65	17.54	-1043.52	4.053e+05	3.876e+04	3.991e+04
		-5190.95	-3.950e+04	2.10e-03		37.5	117.65	-601.21	-1043.52	4.054e+05	-369.65	2.896e+04
						75.0	117.65	-1220.50	-1043.52	4.054e+05	-3.950e+04	-5190.95
167	29	1.236e+04	-130.29	1.59e-04	-6.46e-03	0.0	2.38	1008.64	0.44	-1073.36	-163.33	-1.828e+04
		-1.828e+04	-163.33	0.0		37.5	2.38	386.13	0.44	-1069.32	-146.81	7872.74
						75.0	2.38	-236.50	0.44	-1065.30	-130.29	1.068e+04
167	30	3.224e+04	3.318e+04	6.49e-04	-0.01	0.0	101.05	162.63	-894.40	3.468e+05	3.318e+04	3.144e+04
		-2813.00	-3.390e+04	1.80e-03		37.5	101.05	-456.65	-894.40	3.469e+05	-358.27	2.593e+04
						75.0	101.05	-1076.41	-894.40	3.469e+05	-3.390e+04	-2813.00
167	32	3.238e+04	3.320e+04	6.52e-04	-0.01	0.0	101.21	158.54	-894.38	3.473e+05	3.320e+04	3.162e+04
		-2942.32	-3.387e+04	1.80e-03		37.5	101.21	-460.74	-894.38	3.474e+05	-334.41	2.595e+04
						75.0	101.21	-1080.52	-894.38	3.474e+05	-3.387e+04	-2942.32
168	1	3.448e+04	878.40	-1.03e-04	-7.87e-03	0.0	1.65	734.80	-1.60	-2881.42	878.40	2.207e+04
		-1.255e+04	718.55	2.46e-05		50.0	1.65	-346.19	-1.60	-2875.40	798.48	3.179e+04
						100.0	1.65	-1427.28	-1.60	-2869.47	718.55	-1.255e+04
168	3	7.221e+04	55.06	-2.19e-04	-9.91e-03	0.0	-3.31	616.13	-1.02	-1.019e+04	55.06	6.366e+04
		1.567e+04	-47.38	-9.83e-06		50.0	-3.31	-479.87	-1.02	-1.018e+04	3.84	6.706e+04
						100.0	-3.31	-1576.08	-1.02	-1.017e+04	-47.38	1.567e+04
168	7	6.440e+04	-116.22	-1.95e-04	-8.10e-03	0.0	-3.67	446.85	-0.83	-9519.76	-116.22	5.852e+04
		1.855e+04	-199.55	-1.43e-05		50.0	-3.67	-399.69	-0.83	-9509.19	-157.88	5.970e+04
						100.0	-3.67	-1246.42	-0.83	-9498.93	-199.55	1.855e+04
168	9	-2.416e+05	-1.601e+05	-5.28e-04	-0.02	0.0	213.97	667.69	-753.33	-3.292e+05	-1.601e+05	-2.519e+05
		-2.933e+05	-2.354e+05	-0.01		50.0	213.97	-413.44	-753.33	-3.290e+05	-1.977e+05	-2.456e+05
						100.0	213.97	-1494.05	-753.33	-3.288e+05	-2.354e+05	-2.933e+05
168	14	-2.228e+05	-1.608e+05	-4.71e-04	-0.02	0.0	210.14	415.34	-752.74	-3.337e+05	-1.608e+05	-2.279e+05
		-2.706e+05	-2.361e+05	-0.01		50.0	210.14	-426.84	-752.74	-3.335e+05	-1.984e+05	-2.282e+05
						100.0	210.14	-1268.55	-752.74	-3.333e+05	-2.361e+05	-2.706e+05
168	15	2.651e+04	689.36	-7.95e-05	-6.05e-03	0.0	1.28	565.36	-1.31	-2212.24	689.36	1.696e+04
		-9658.93	558.67	1.95e-05		50.0	1.28	-266.17	-1.31	-2207.61	624.01	2.444e+04
						100.0	1.28	-1097.78	-1.31	-2203.05	558.67	-9658.93
168	17	5.166e+04	140.46	-1.57e-04	-7.42e-03	0.0	-2.03	486.24	-0.92	-7087.60	140.46	4.468e+04
		9151.12	48.04	-3.49e-06		50.0	-2.03	-355.29	-0.92	-7079.00	94.25	4.796e+04
						100.0	-2.03	-1196.98	-0.92	-7070.64	48.04	9151.12
168	19	-1.576e+05	-1.066e+05	-3.42e-04	-0.01	0.0	142.82	520.62	-502.46	-2.198e+05	-1.066e+05	-1.657e+05
		-1.968e+05	-1.569e+05	-9.53e-03		50.0	142.82	-311.01	-502.46	-2.196e+05	-1.317e+05	-1.605e+05
						100.0	142.82	-1142.29	-502.46	-2.195e+05	-1.569e+05	-1.968e+05
168	21	-1.399e+05	-1.070e+05	-2.87e-04	-0.02	0.0	140.51	465.23	-502.19	-2.232e+05	-1.070e+05	-1.463e+05
		-1.836e+05	-1.572e+05	-9.55e-03		50.0	140.51	-373.39	-502.19	-2.231e+05	-1.321e+05	-1.440e+05
						100.0	140.51	-1211.74	-502.19	-2.229e+05	-1.572e+05	-1.836e+05
168	22	2.651e+04	689.36	-7.95e-05	-6.05e-03	0.0	1.28	565.36	-1.31	-2212.24	689.36	1.696e+04
		-9658.93	558.67	1.95e-05		50.0	1.28	-266.17	-1.31	-2207.61	624.01	2.444e+04
						100.0	1.28	-1097.78	-1.31	-2203.05	558.67	-9658.93
168	24	3.908e+04	414.91	-1.18e-04	-6.74e-03	0.0	-0.38	525.80	-1.12	-4649.92	414.91	3.082e+04
		-253.91	303.35	7.98e-06		50.0	-0.38	-310.73	-1.12	-4643.30	359.13	3.620e+04
						100.0	-0.38	-1147.38	-1.12	-4636.85	303.35	-253.91
168	26	-1.023e+05	-7.442e+04	-2.15e-04	-0.01	0.0	100.36	534.04	-352.12	-1.545e+05	-7.442e+04	-1.109e+05
		-1.407e+05	-1.096e+05	-6.66e-03		50.0	100.36	-297.55	-352.12	-1.544e+05	-9.202e+04	-1.050e+05
						100.0	100.36	-1128.94	-352.12	-1.543e+05	-1.096e+05	-1.407e+05
168	28	-9.479e+04	-7.458e+04	-1.92e-04	-0.01	0.0	99.37	510.31	-352.00	-1.560e+05	-7.458e+04	-1.026e+05
		-1.350e+05	-1.098e+05	-6.67e-03		50.0	99.37	-324.29	-352.00	-1.559e+05	-9.218e+04	-9.794e+04
						100.0	99.37	-1158.70	-352.00	-1.558e+05	-1.098e+05	-1.350e+05
168	29	2.651e+04	689.36	-7.95e-05	-6.05e-03	0.0	1.28	565.36	-1.31	-2212.24	689.36	1.696e+04
		-9658.93	558.67	1.95e-05		50.0	1.28	-266.17	-1.31	-2207.61	624.01	2.444e+04
						100.0	1.28	-1097.78	-1.31	-2203.05	558.67	-9658.93
168	30	-8.393e+04	-6.369e+04	-1.73e-04	-0.01	0.0	86.20	538.52	-302.00	-1.328e+05	-6.369e+04	-9.264e+04
		-1.219e+05	-9.389e+04	-5.71e-03		50.0	86.20	-293.07	-302.00	-1.327e+05	-7.879e+04	-8.650e+04
						100.0	86.20	-1124.49	-302.00	-1.326e+05	-9.389e+04	-1.219e+05
168	31	3.405e+04	524.69	-1.03e-04	-6.46e-03	0.0	0.28	541.63	-1.19	-3674.84	524.69	2.528e+04
		-4015.92	405.48	1.26e-05		50.0	0.28	-292.90	-1.19	-3669.03	465.09	3.149e+04
						100.0	0.28	-1127.54	-1.19	-3663.33	405.48	-4015.92
168	32	-7.638e+04	-6.385e+04	-1.50e-04	-0.01	0.0	85.21	514.78	-301.88	-1.342e+05	-6.385e+04	-8.432e+04
		-1.163e+05	-9.404e+04	-5.72e-03		50.0	85.21	-319.81	-301.88	-1.341e+05	-7.895e+04	-7.945e+04
						100.0	85.21	-1154.25	-301.88	-1.341e+05	-9.404e+04	-1.163e+05
169	5	-2.410e+04	-346.45	2.19e-05	-5.99e-03	0.0	2.94	1232.99	-1.07	46.16	-346.45	-6.983e+04
		-7.186e+04	-506.29	-3.51e-05		75.0	2.94	-13.53	-1.07	54.02	-426.37	-2.410e+04
						150.0	2.94	-1260.05	-1.07	61.89	-506.29	-7.186e+04
169	7	-3.729e+04	-173.22	4.23e-05	-6.04e-03	0.0	3.71	1168.10	-0.49	2879.05	-173.22	-7.815e+04
		-8.993e+04	-247.25	3.93e-06		75.0	3.71	-78.58	-0.49	2888.31	-210.24	-3.729e+04

					150.0	3.71	-1325.20	-0.49	2897.79	-247.25	-8.993e+04
169	9	-3.284e+05	-9.786e+04	2.31e-04	-0.03	0.0	271.02	1611.41	498.87	-6.652e+04	-1.727e+05	-3.887e+05
		-3.893e+05	-1.727e+05	-3.54e-03		75.0	271.02	-4.13	498.87	-6.610e+04	-1.353e+05	-3.284e+05
						150.0	271.02	-1619.72	498.87	-6.569e+04	-9.786e+04	-3.893e+05
169	11	-3.377e+05	-9.768e+04	2.37e-04	-0.03	0.0	271.56	1565.99	499.27	-6.454e+04	-1.726e+05	-3.945e+05
		-4.020e+05	-1.726e+05	-3.52e-03		75.0	271.56	-49.67	499.27	-6.412e+04	-1.351e+05	-3.377e+05
						150.0	271.56	-1665.33	499.27	-6.370e+04	-9.768e+04	-4.020e+05
169	15	-2.410e+04	-345.02	2.19e-05	-5.99e-03	0.0	2.94	1232.98	-1.06	46.90	-345.02	-6.983e+04
		-7.186e+04	-503.57	-3.50e-05		75.0	2.94	-13.54	-1.06	54.77	-424.29	-2.410e+04
						150.0	2.94	-1260.06	-1.06	62.64	-503.57	-7.186e+04
169	17	-3.290e+04	-229.53	3.30e-05	-6.02e-03	0.0	3.46	1189.72	-0.68	1935.50	-229.53	-7.538e+04
		-8.391e+04	-330.88	-9.21e-06		75.0	3.46	-56.91	-0.68	1944.29	-280.20	-3.290e+04
						150.0	3.46	-1303.50	-0.68	1953.23	-330.88	-8.391e+04
169	19	-2.222e+05	-6.531e+04	1.57e-04	-0.02	0.0	181.07	1238.68	332.43	-4.434e+04	-1.152e+05	-2.684e+05
		-2.691e+05	-1.152e+05	-2.37e-03		75.0	181.07	-4.55	332.43	-4.406e+04	-9.024e+04	-2.222e+05
						150.0	181.07	-1247.81	332.43	-4.379e+04	-6.531e+04	-2.691e+05
169	21	-2.283e+05	-6.519e+04	1.61e-04	-0.02	0.0	181.43	1208.40	332.70	-4.302e+04	-1.151e+05	-2.723e+05
		-2.776e+05	-1.151e+05	-2.35e-03		75.0	181.43	-34.91	332.70	-4.274e+04	-9.014e+04	-2.283e+05
						150.0	181.43	-1278.22	332.70	-4.246e+04	-6.519e+04	-2.776e+05
169	22	-2.410e+04	-345.02	2.19e-05	-5.99e-03	0.0	2.94	1232.98	-1.06	46.90	-345.02	-6.983e+04
		-7.186e+04	-503.57	-3.50e-05		75.0	2.94	-13.54	-1.06	54.77	-424.29	-2.410e+04
						150.0	2.94	-1260.06	-1.06	62.64	-503.57	-7.186e+04
169	24	-2.850e+04	-287.28	2.58e-05	-6.00e-03	0.0	3.20	1211.35	-0.87	991.20	-287.28	-7.260e+04
		-7.789e+04	-417.22	-2.21e-05		75.0	3.20	-35.22	-0.87	999.53	-352.25	-2.850e+04
						150.0	3.20	-1281.78	-0.87	1007.94	-417.22	-7.789e+04
169	26	-1.627e+05	-4.587e+04	1.16e-04	-0.01	0.0	127.63	1236.97	232.39	-3.103e+04	-8.073e+04	-2.089e+05
		-2.099e+05	-8.073e+04	-1.67e-03		75.0	127.63	-7.25	232.39	-3.083e+04	-6.330e+04	-1.627e+05
						150.0	127.63	-1251.49	232.39	-3.063e+04	-4.587e+04	-2.099e+05
169	28	-1.654e+05	-4.582e+04	1.18e-04	-0.01	0.0	127.79	1223.99	232.50	-3.046e+04	-8.069e+04	-2.105e+05
		-2.136e+05	-8.069e+04	-1.66e-03		75.0	127.79	-20.26	232.50	-3.026e+04	-6.326e+04	-1.654e+05
						150.0	127.79	-1264.52	232.50	-3.006e+04	-4.582e+04	-2.136e+05
169	29	-2.410e+04	-345.02	2.19e-05	-5.99e-03	0.0	2.94	1232.98	-1.06	46.90	-345.02	-6.983e+04
		-7.186e+04	-503.57	-3.50e-05		75.0	2.94	-13.54	-1.06	54.77	-424.29	-2.410e+04
						150.0	2.94	-1260.06	-1.06	62.64	-503.57	-7.186e+04
169	30	-1.429e+05	-3.939e+04	1.03e-04	-0.01	0.0	109.82	1236.40	199.04	-2.659e+04	-6.924e+04	-1.890e+05
		-1.902e+05	-6.924e+04	-1.43e-03		75.0	109.82	-8.15	199.04	-2.642e+04	-5.432e+04	-1.429e+05
						150.0	109.82	-1252.71	199.04	-2.625e+04	-3.939e+04	-1.902e+05
169	31	-2.674e+04	-310.37	2.38e-05	-5.99e-03	0.0	3.10	1220.00	-0.94	613.48	-310.37	-7.150e+04
		-7.548e+04	-451.76	-2.73e-05		75.0	3.10	-26.55	-0.94	621.63	-381.07	-2.674e+04
						150.0	3.10	-1273.09	-0.94	629.82	-451.76	-7.548e+04
169	32	-1.456e+05	-3.934e+04	1.05e-04	-0.01	0.0	109.97	1223.42	199.15	-2.602e+04	-6.921e+04	-1.907e+05
		-1.938e+05	-6.921e+04	-1.43e-03		75.0	109.97	-21.16	199.15	-2.585e+04	-5.427e+04	-1.456e+05
						150.0	109.97	-1265.74	199.15	-2.568e+04	-3.934e+04	-1.938e+05
170	1	1.152e+04	982.41	7.51e-05	-8.04e-03	0.0	1.96	1813.18	3.24	-2355.02	723.40	-6.437e+04
		-6.437e+04	723.40	-1.73e-05		40.0	1.96	948.66	3.24	-2349.92	852.90	-9134.81
						80.0	1.96	84.09	3.24	-2344.87	982.41	1.152e+04
170	3	5.236e+04	128.98	3.54e-05	-0.01	0.0	-3.37	2098.49	3.84	934.55	-177.94	-4.541e+04
		-4.541e+04	-177.94	-6.12e-06		40.0	-3.37	1222.01	3.84	944.53	-24.48	2.100e+04
						80.0	-3.37	345.51	3.84	954.53	128.98	5.236e+04
170	7	4.968e+04	-80.99	1.81e-05	-8.22e-03	0.0	-3.79	1679.96	3.13	1478.06	-331.26	-3.056e+04
		-3.056e+04	-331.26	-2.15e-06		40.0	-3.79	1002.99	3.13	1486.87	-206.13	2.310e+04
						80.0	-3.79	326.00	3.13	1495.70	-80.99	4.968e+04
170	9	-2.449e+05	-8.558e+04	6.46e-04	-0.02	0.0	215.19	1556.73	-1721.69	1.095e+05	-8.558e+04	-3.009e+05
		-3.009e+05	-2.233e+05	-3.26e-03		40.0	215.19	692.73	-1721.69	1.097e+05	-1.545e+05	-2.559e+05
						80.0	215.19	-171.77	-1721.69	1.099e+05	-2.233e+05	-2.455e+05
170	14	-2.196e+05	-8.637e+04	6.01e-04	-0.02	0.0	211.03	1337.91	-1721.97	1.124e+05	-8.637e+04	-2.728e+05
		-2.728e+05	-2.241e+05	-3.25e-03		40.0	211.03	665.05	-1721.97	1.126e+05	-1.552e+05	-2.327e+05
						80.0	211.03	-8.28	-1721.97	1.128e+05	-2.241e+05	-2.196e+05
170	15	8855.84	762.98	5.78e-05	-6.19e-03	0.0	1.52	1394.71	2.51	-1811.53	562.38	-4.952e+04
		-4.952e+04	562.38	-1.33e-05		40.0	1.52	729.70	2.51	-1807.61	662.68	-7031.04
						80.0	1.52	64.64	2.51	-1803.73	762.98	8855.84
170	17	3.608e+04	194.02	3.13e-05	-7.54e-03	0.0	-2.03	1584.92	2.91	381.51	-38.51	-3.688e+04
		-3.688e+04	-38.51	-5.86e-06		40.0	-2.03	911.93	2.91	388.69	77.76	1.306e+04
						80.0	-2.03	238.92	2.91	395.87	194.02	3.608e+04
170	19	-1.622e+05	-5.698e+04	4.39e-04	-0.02	0.0	143.68	1223.74	-1147.44	7.278e+04	-5.698e+04	-2.072e+05
		-2.072e+05	-1.488e+05	-2.18e-03		40.0	143.68	559.08	-1147.44	7.290e+04	-1.029e+05	-1.716e+05
						80.0	143.68	-105.93	-1147.44	7.303e+04	-1.488e+05	-1.625e+05
170	21	-1.434e+05	-5.740e+04	4.20e-04	-0.02	0.0	141.19	1356.88	-1147.16	7.431e+04	-5.740e+04	-1.984e+05
		-1.984e+05	-1.492e+05	-2.17e-03		40.0	141.19	686.64	-1147.16	7.444e+04	-1.033e+05	-1.575e+05
						80.0	141.19	16.06	-1147.16	7.457e+04	-1.492e+05	-1.434e+05
170	22	8855.84	762.98	5.78e-05	-6.19e-03	0.0	1.52	1394.71	2.51	-1811.53	562.38	-4.952e+04

	-4.952e+04	562.38	-1.33e-05		40.0	1.52	729.70	2.51	-1807.61	662.68	-7031.04
					80.0	1.52	64.64	2.51	-1803.73	762.98	8855.84
170	24 2.247e+04	478.50	4.45e-05	-6.87e-03	0.0	-0.25	1489.81	2.71	-715.01	261.93	-4.320e+04
	-4.320e+04	261.93	-9.58e-06		40.0	-0.25	820.81	2.71	-709.46	370.22	3015.42
					80.0	-0.25	151.78	2.71	-703.93	478.50	2.247e+04
170	26 -1.110e+05	-3.971e+04	3.24e-04	-0.01	0.0	101.03	1275.03	-802.46	5.040e+04	-3.971e+04	-1.599e+05
	-1.599e+05	-1.039e+05	-1.53e-03		40.0	101.03	610.26	-802.46	5.049e+04	-7.181e+04	-1.222e+05
					80.0	101.03	-54.76	-802.46	5.058e+04	-1.039e+05	-1.111e+05
170	28 -1.029e+05	-3.989e+04	3.16e-04	-0.01	0.0	99.96	1332.09	-802.34	5.106e+04	-3.989e+04	-1.561e+05
	-1.561e+05	-1.041e+05	-1.53e-03		40.0	99.96	664.93	-802.34	5.115e+04	-7.199e+04	-1.162e+05
					80.0	99.96	-2.48	-802.34	5.124e+04	-1.041e+05	-1.029e+05
170	29 8855.84	762.98	5.78e-05	-6.19e-03	0.0	1.52	1394.71	2.51	-1811.53	562.38	-4.952e+04
	-4.952e+04	562.38	-1.33e-05		40.0	1.52	729.70	2.51	-1807.61	662.68	-7031.04
					80.0	1.52	64.64	2.51	-1803.73	762.98	8855.84
170	30 -9.395e+04	-3.396e+04	2.86e-04	-0.01	0.0	86.81	1292.13	-687.46	4.294e+04	-3.396e+04	-1.441e+05
	-1.441e+05	-8.896e+04	-1.31e-03		40.0	86.81	627.33	-687.46	4.302e+04	-6.146e+04	-1.057e+05
					80.0	86.81	-37.70	-687.46	4.310e+04	-8.896e+04	-9.395e+04
170	31 1.702e+04	592.29	4.98e-05	-6.59e-03	0.0	0.46	1451.77	2.63	-1153.62	382.11	-4.573e+04
	-4.573e+04	382.11	-1.11e-05		40.0	0.46	784.37	2.63	-1148.72	487.20	-1003.16
					80.0	0.46	116.92	2.63	-1143.85	592.29	1.702e+04
170	32 -8.579e+04	-3.414e+04	2.78e-04	-0.01	0.0	85.75	1349.19	-687.34	4.360e+04	-3.414e+04	-1.403e+05
	-1.403e+05	-8.913e+04	-1.31e-03		40.0	85.75	681.99	-687.34	4.368e+04	-6.163e+04	-9.972e+04
					80.0	85.75	14.58	-687.34	4.376e+04	-8.913e+04	-8.579e+04
171	1 2.208e+04	878.21	-3.32e-05	-7.90e-03	0.0	1.76	1896.02	4.89	-2096.95	633.93	-4.569e+04
	-4.569e+04	633.93	4.06e-06		25.0	1.76	1355.57	4.89	-2093.89	756.07	-5049.65
					50.0	1.76	815.11	4.89	-2090.85	878.21	2.208e+04
171	3 6.367e+04	57.14	5.82e-05	-9.97e-03	0.0	-3.45	2356.81	6.53	-3772.89	-269.58	-2.677e+04
	-2.677e+04	-269.58	-4.88e-06		25.0	-3.45	1808.89	6.53	-3766.77	-106.22	2.530e+04
					50.0	-3.45	1260.95	6.53	-3760.69	57.14	6.367e+04
171	7 5.853e+04	-114.16	5.05e-05	-8.15e-03	0.0	-3.82	1918.87	5.57	-3286.08	-392.62	-1.625e+04
	-1.625e+04	-392.62	-5.47e-06		25.0	-3.82	1495.67	5.57	-3280.68	-253.39	2.643e+04
					50.0	-3.82	1072.46	5.57	-3275.30	-114.16	5.853e+04
171	9 -2.517e+05	-1.600e+05	3.43e-05	-0.02	0.0	188.02	1697.56	62.62	-3.301e+05	-1.631e+05	-3.095e+05
	-3.095e+05	-1.631e+05	-5.36e-03		25.0	188.02	1156.88	62.62	-3.299e+05	-1.616e+05	-2.739e+05
					50.0	188.02	616.21	62.62	-3.298e+05	-1.600e+05	-2.517e+05
171	14 -2.277e+05	-1.608e+05	2.65e-05	-0.02	0.0	184.00	1582.17	62.81	-3.307e+05	-1.639e+05	-2.858e+05
	-2.858e+05	-1.639e+05	-5.37e-03		25.0	184.00	1160.98	62.81	-3.306e+05	-1.623e+05	-2.515e+05
					50.0	184.00	739.81	62.81	-3.305e+05	-1.608e+05	-2.277e+05
171	15 1.697e+04	689.18	-2.55e-05	-6.08e-03	0.0	1.37	1458.31	3.83	-1611.78	497.74	-3.516e+04
	-3.516e+04	497.74	3.27e-06		25.0	1.37	1042.58	3.83	-1609.43	593.46	-3898.54
					50.0	1.37	626.83	3.83	-1607.09	689.18	1.697e+04
171	17 4.470e+04	141.80	4.22e-05	-7.46e-03	0.0	-2.10	1765.50	4.93	-2729.07	-104.59	-2.254e+04
	-2.254e+04	-104.59	-2.69e-06		25.0	-2.10	1344.79	4.93	-2724.68	18.61	1.633e+04
					50.0	-2.10	924.06	4.93	-2720.31	141.80	4.470e+04
171	19 -1.656e+05	-1.066e+05	2.04e-05	-0.01	0.0	125.54	1326.00	42.32	-2.202e+05	-1.087e+05	-2.111e+05
	-2.111e+05	-1.087e+05	-3.57e-03		25.0	125.54	910.11	42.32	-2.202e+05	-1.076e+05	-1.831e+05
					50.0	125.54	494.24	42.32	-2.201e+05	-1.066e+05	-1.656e+05
171	21 -1.461e+05	-1.070e+05	1.40e-05	-0.02	0.0	123.11	1541.03	43.09	-2.210e+05	-1.091e+05	-2.022e+05
	-2.022e+05	-1.091e+05	-3.58e-03		25.0	123.11	1121.66	43.09	-2.210e+05	-1.080e+05	-1.689e+05
					50.0	123.11	702.30	43.09	-2.209e+05	-1.070e+05	-1.461e+05
171	22 1.697e+04	689.18	-2.55e-05	-6.08e-03	0.0	1.37	1458.31	3.83	-1611.78	497.74	-3.516e+04
	-3.516e+04	497.74	3.27e-06		25.0	1.37	1042.58	3.83	-1609.43	593.46	-3898.54
					50.0	1.37	626.83	3.83	-1607.09	689.18	1.697e+04
171	24 3.083e+04	415.49	3.39e-05	-6.77e-03	0.0	-0.37	1611.90	4.38	-2170.43	196.58	-2.885e+04
	-2.885e+04	196.58	0.0		25.0	-0.37	1193.68	4.38	-2167.05	306.04	6217.94
					50.0	-0.37	775.45	4.38	-2163.70	415.49	3.083e+04
171	26 -1.108e+05	-7.439e+04	1.08e-05	-0.01	0.0	88.29	1365.69	30.77	-1.547e+05	-7.593e+04	-1.583e+05
	-1.583e+05	-7.593e+04	-2.50e-03		25.0	88.29	949.85	30.77	-1.546e+05	-7.516e+04	-1.293e+05
					50.0	88.29	534.01	30.77	-1.546e+05	-7.439e+04	-1.108e+05
171	28 -1.025e+05	-7.456e+04	9.41e-06	-0.01	0.0	87.25	1457.85	31.10	-1.550e+05	-7.611e+04	-1.545e+05
	-1.545e+05	-7.611e+04	-2.50e-03		25.0	87.25	1040.52	31.10	-1.549e+05	-7.533e+04	-1.233e+05
					50.0	87.25	623.18	31.10	-1.549e+05	-7.456e+04	-1.025e+05
171	29 1.697e+04	689.18	-2.55e-05	-6.08e-03	0.0	1.37	1458.31	3.83	-1611.78	497.74	-3.516e+04
	-3.516e+04	497.74	3.27e-06		25.0	1.37	1042.58	3.83	-1609.43	593.46	-3898.54
					50.0	1.37	626.83	3.83	-1607.09	689.18	1.697e+04
171	30 -9.255e+04	-6.367e+04	8.58e-06	-0.01	0.0	75.87	1378.92	26.92	-1.328e+05	-6.501e+04	-1.407e+05
	-1.407e+05	-6.501e+04	-2.14e-03		25.0	75.87	963.10	26.92	-1.327e+05	-6.434e+04	-1.114e+05
					50.0	75.87	547.27	26.92	-1.327e+05	-6.367e+04	-9.255e+04
171	31 2.529e+04	524.97	-3.05e-05	-6.49e-03	0.0	0.32	1550.46	4.16	-1946.97	317.04	-3.137e+04
	-3.137e+04	317.04	1.48e-06		25.0	0.32	1133.24	4.16	-1944.00	421.01	2171.35
					50.0	0.32	716.00	4.16	-1941.06	524.97	2.529e+04

171	32	-8.423e+04	-6.383e+04	8.39e-06	-0.01	0.0	74.83	1471.08	27.25	-1.331e+05	-6.519e+04	-1.369e+05
		-1.369e+05	-6.519e+04	-2.14e-03		25.0	74.83	1053.76	27.25	-1.331e+05	-6.451e+04	-1.054e+05
						50.0	74.83	636.44	27.25	-1.330e+05	-6.383e+04	-8.423e+04
172	5	-1.688e+04	-226.32	-2.05e-04	-6.17e-03	0.0	2.78	1163.17	-0.80	-513.29	-226.32	-5.744e+04
		-6.988e+04	-346.12	-1.37e-05		75.0	2.78	-82.88	-0.80	-505.37	-286.22	-1.692e+04
						150.0	2.78	-1329.23	-0.80	-497.49	-346.12	-6.988e+04
172	7	-2.174e+04	-101.43	-2.14e-04	-6.16e-03	0.0	3.60	1122.34	-0.48	2218.07	-101.43	-5.961e+04
		-7.820e+04	-173.36	1.41e-05		75.0	3.60	-123.86	-0.48	2226.97	-137.40	-2.217e+04
						150.0	3.60	-1370.39	-0.48	2236.04	-173.36	-7.820e+04
172	9	-2.502e+05	-2.440e+04	-1.82e-03	-0.03	0.0	261.72	778.90	-988.73	3.989e+05	-2.440e+04	-2.644e+05
		-3.893e+05	-1.727e+05	4.67e-03		75.0	261.72	-832.49	-988.73	3.992e+05	-9.855e+04	-2.663e+05
						150.0	261.72	-2446.59	-988.73	3.996e+05	-1.727e+05	-3.893e+05
172	11	-2.528e+05	-2.431e+04	-1.83e-03	-0.03	0.0	262.28	750.32	-988.51	4.008e+05	-2.431e+04	-2.659e+05
		-3.951e+05	-1.726e+05	4.69e-03		75.0	262.28	-861.18	-988.51	4.011e+05	-9.845e+04	-2.700e+05
						150.0	262.28	-2475.40	-988.51	4.015e+05	-1.726e+05	-3.951e+05
172	15	-1.688e+04	-225.78	-2.05e-04	-6.17e-03	0.0	2.79	1163.16	-0.79	-512.65	-225.78	-5.744e+04
		-6.988e+04	-344.69	-1.37e-05		75.0	2.79	-82.88	-0.79	-504.73	-285.24	-1.692e+04
						150.0	2.79	-1329.24	-0.79	-496.85	-344.69	-6.988e+04
172	17	-2.012e+04	-142.52	-2.11e-04	-6.16e-03	0.0	3.33	1135.95	-0.58	1308.25	-142.52	-5.889e+04
		-7.543e+04	-229.51	4.89e-06		75.0	3.33	-110.21	-0.58	1316.82	-186.02	-2.042e+04
						150.0	3.33	-1356.68	-0.58	1325.50	-229.51	-7.543e+04
172	19	-1.702e+05	-1.630e+04	-1.24e-03	-0.02	0.0	174.85	674.36	-659.26	2.658e+05	-1.630e+04	-1.839e+05
		-2.688e+05	-1.152e+05	3.11e-03		75.0	174.85	-566.04	-659.26	2.661e+05	-6.574e+04	-1.798e+05
						150.0	174.85	-1808.29	-659.26	2.664e+05	-1.152e+05	-2.688e+05
172	21	-1.720e+05	-1.624e+04	-1.24e-03	-0.02	0.0	175.22	655.31	-659.12	2.671e+05	-1.624e+04	-1.849e+05
		-2.727e+05	-1.151e+05	3.12e-03		75.0	175.22	-585.17	-659.12	2.674e+05	-6.567e+04	-1.823e+05
						150.0	175.22	-1827.50	-659.12	2.676e+05	-1.151e+05	-2.727e+05
172	22	-1.688e+04	-225.78	-2.05e-04	-6.17e-03	0.0	2.79	1163.16	-0.79	-512.65	-225.78	-5.744e+04
		-6.988e+04	-344.69	-1.37e-05		75.0	2.79	-82.88	-0.79	-504.73	-285.24	-1.692e+04
						150.0	2.79	-1329.24	-0.79	-496.85	-344.69	-6.988e+04
172	24	-1.850e+04	-184.15	-2.08e-04	-6.17e-03	0.0	3.06	1149.55	-0.69	397.80	-184.15	-5.816e+04
		-7.265e+04	-287.10	-4.42e-06		75.0	3.06	-96.55	-0.69	406.05	-235.63	-1.867e+04
						150.0	3.06	-1342.96	-0.69	414.32	-287.10	-7.265e+04
172	26	-1.257e+05	-1.147e+04	-9.30e-04	-0.01	0.0	123.23	821.00	-461.72	1.859e+05	-1.147e+04	-1.460e+05
		-2.092e+05	-8.073e+04	2.17e-03		75.0	123.23	-421.09	-461.72	1.861e+05	-4.610e+04	-1.310e+05
						150.0	123.23	-1664.57	-461.72	1.863e+05	-8.073e+04	-2.092e+05
172	28	-1.265e+05	-1.145e+04	-9.31e-04	-0.01	0.0	123.39	812.83	-461.66	1.865e+05	-1.145e+04	-1.464e+05
		-2.108e+05	-8.070e+04	2.18e-03		75.0	123.39	-429.29	-461.66	1.867e+05	-4.607e+04	-1.320e+05
						150.0	123.39	-1672.81	-461.66	1.868e+05	-8.070e+04	-2.108e+05
172	29	-1.688e+04	-225.78	-2.05e-04	-6.17e-03	0.0	2.79	1163.16	-0.79	-512.65	-225.78	-5.744e+04
		-6.988e+04	-344.69	-1.37e-05		75.0	2.79	-82.88	-0.79	-504.73	-285.24	-1.692e+04
						150.0	2.79	-1329.24	-0.79	-496.85	-344.69	-6.988e+04
172	30	-1.106e+05	-9867.78	-8.26e-04	-0.01	0.0	106.02	869.88	-395.88	1.593e+05	-9867.78	-1.333e+05
		-1.893e+05	-6.925e+04	1.86e-03		75.0	106.02	-372.78	-395.88	1.594e+05	-3.956e+04	-1.147e+05
						150.0	106.02	-1616.67	-395.88	1.596e+05	-6.925e+04	-1.893e+05
172	31	-1.785e+04	-200.81	-2.07e-04	-6.17e-03	0.0	2.95	1155.00	-0.73	33.62	-200.81	-5.787e+04
		-7.154e+04	-310.14	-8.13e-06		75.0	2.95	-91.08	-0.73	41.73	-255.47	-1.797e+04
						150.0	2.95	-1337.47	-0.73	49.85	-310.14	-7.154e+04
172	32	-1.115e+05	-9842.80	-8.28e-04	-0.01	0.0	106.19	861.72	-395.81	1.598e+05	-9842.80	-1.337e+05
		-1.909e+05	-6.921e+04	1.87e-03		75.0	106.19	-380.98	-395.81	1.600e+05	-3.953e+04	-1.157e+05
						150.0	106.19	-1624.90	-395.81	1.602e+05	-6.921e+04	-1.909e+05
173	1	1341.11	692.23	-1.07e-04	-7.75e-03	0.0	-2.05	1431.10	-0.09	-2708.44	692.23	-4.599e+04
		-4.599e+04	681.63	5.99e-05		60.0	-2.05	133.59	-0.09	-2701.50	686.93	947.39
						120.0	-2.05	-1164.04	-0.09	-2694.69	681.63	-2.997e+04
173	3	2.540e+04	149.59	-3.52e-04	-9.62e-03	0.0	-6.03	1423.26	2.04	-1.511e+04	-94.67	-2.071e+04
		-2.071e+04	-94.67	-1.27e-05		60.0	-6.03	107.31	2.04	-1.509e+04	27.46	2.521e+04
						120.0	-6.03	-1209.05	2.04	-1.508e+04	149.59	-7839.01
173	9	-2.589e+05	-7313.39	-1.69e-03	-0.02	0.0	315.32	1736.56	1484.69	-7.659e+05	-1.855e+05	-3.287e+05
		-3.287e+05	-1.855e+05	-0.02		60.0	315.32	441.50	1484.69	-7.657e+05	-9.640e+04	-2.634e+05
						120.0	315.32	-851.54	1484.69	-7.655e+05	-7313.39	-2.757e+05
173	12	-2.586e+05	-7472.19	-1.72e-03	-0.02	0.0	315.80	1406.41	1484.61	-7.653e+05	-1.856e+05	-3.181e+05
		-3.181e+05	-1.856e+05	-0.02		60.0	315.80	410.78	1484.61	-7.651e+05	-9.655e+04	-2.636e+05
						120.0	315.80	-582.81	1484.61	-7.649e+05	-7472.19	-2.688e+05
173	14	-2.420e+05	-7844.62	-1.55e-03	-0.02	0.0	313.01	1400.92	1486.10	-7.739e+05	-1.862e+05	-3.004e+05
		-3.004e+05	-1.862e+05	-0.02		60.0	313.01	392.38	1486.10	-7.737e+05	-9.701e+04	-2.466e+05
						120.0	313.01	-614.31	1486.10	-7.736e+05	-7844.62	-2.533e+05
173	15	1032.01	537.08	-8.19e-05	-5.96e-03	0.0	-1.57	1100.89	-0.11	-2078.12	537.08	-3.538e+04
		-3.538e+04	523.68	4.69e-05		60.0	-1.57	102.81	-0.11	-2072.78	530.38	728.81
						120.0	-1.57	-895.37	-0.11	-2067.55	523.68	-2.305e+04
173	17	1.707e+04	168.99	-2.46e-04	-7.21e-03	0.0	-4.23	1095.66	1.30	-1.034e+04	12.48	-1.853e+04
		-1.853e+04	12.48	-1.52e-06		60.0	-4.23	85.29	1.30	-1.033e+04	90.73	1.690e+04

					120.0	-4.23	-925.37	1.30	-1.032e+04	168.99	-8296.59	
173	19	-1.727e+05	-4806.33	-1.12e-03	-0.01	0.0	210.01	1304.53	989.74	-5.109e+05	-1.236e+05	-2.239e+05
		-2.239e+05	-1.236e+05	-0.02		60.0	210.01	308.08	989.74	-5.107e+05	-6.419e+04	-1.755e+05
						120.0	210.01	-687.03	989.74	-5.106e+05	-4806.33	-1.869e+05
173	21	-1.616e+05	-5054.62	-1.00e-03	-0.01	0.0	208.15	1300.87	990.73	-5.167e+05	-1.239e+05	-2.121e+05
		-2.121e+05	-1.239e+05	-0.02		60.0	208.15	295.82	990.73	-5.165e+05	-6.450e+04	-1.642e+05
						120.0	208.15	-708.04	990.73	-5.164e+05	-5054.62	-1.765e+05
173	22	1032.01	537.08	-8.19e-05	-5.96e-03	0.0	-1.57	1100.89	-0.11	-2078.12	537.08	-3.538e+04
		-3.538e+04	523.68	4.69e-05		60.0	-1.57	102.81	-0.11	-2072.78	530.38	728.81
						120.0	-1.57	-895.37	-0.11	-2067.55	523.68	-2.305e+04
173	24	9051.20	346.34	-1.64e-04	-6.58e-03	0.0	-2.90	1098.28	0.60	-6210.55	274.78	-2.695e+04
		-2.695e+04	274.78	2.27e-05		60.0	-2.90	94.05	0.60	-6203.11	310.56	8816.60
						120.0	-2.90	-910.37	0.60	-6195.97	346.34	-1.567e+04
173	26	-1.208e+05	-3207.33	-7.58e-04	-0.01	0.0	146.53	1243.44	692.79	-3.582e+05	-8.634e+04	-1.673e+05
		-1.673e+05	-8.634e+04	-0.01		60.0	146.53	246.50	692.79	-3.581e+05	-4.477e+04	-1.226e+05
						120.0	146.53	-749.53	692.79	-3.581e+05	-3207.33	-1.377e+05
173	28	-1.160e+05	-3313.74	-7.08e-04	-0.01	0.0	145.74	1241.87	693.21	-3.607e+05	-8.650e+04	-1.623e+05
		-1.623e+05	-8.650e+04	-0.01		60.0	145.74	241.25	693.21	-3.606e+05	-4.491e+04	-1.178e+05
						120.0	145.74	-758.54	693.21	-3.605e+05	-3313.74	-1.333e+05
173	29	1032.01	537.08	-8.19e-05	-5.96e-03	0.0	-1.57	1100.89	-0.11	-2078.12	537.08	-3.538e+04
		-3.538e+04	523.68	4.69e-05		60.0	-1.57	102.81	-0.11	-2072.78	530.38	728.81
						120.0	-1.57	-895.37	-0.11	-2067.55	523.68	-2.305e+04
173	30	-1.035e+05	-2674.33	-6.38e-04	-0.01	0.0	125.37	1223.08	593.80	-3.074e+05	-7.393e+04	-1.485e+05
		-1.485e+05	-7.393e+04	-9.72e-03		60.0	125.37	225.97	593.80	-3.073e+05	-3.830e+04	-1.050e+05
						120.0	125.37	-770.37	593.80	-3.072e+05	-2674.33	-1.213e+05
173	31	5843.52	417.27	-1.31e-04	-6.33e-03	0.0	-2.37	1099.32	0.31	-4557.58	379.70	-3.033e+04
		-3.033e+04	379.70	3.24e-05		60.0	-2.37	97.55	0.31	-4550.98	398.49	5581.48
						120.0	-2.37	-904.37	0.31	-4544.60	417.27	-1.862e+04
173	32	-9.872e+04	-2780.73	-5.89e-04	-0.01	0.0	124.58	1221.51	594.23	-3.098e+05	-7.409e+04	-1.434e+05
		-1.434e+05	-7.409e+04	-9.73e-03		60.0	124.58	220.72	594.23	-3.098e+05	-3.843e+04	-1.002e+05
						120.0	124.58	-779.37	594.23	-3.097e+05	-2780.73	-1.169e+05
174	5	-1.721e+04	-510.19	1.19e-04	-6.17e-03	0.0	2.89	54.58	-1.54	631.69	-510.19	-1.728e+04
		-5.991e+04	-625.56	-3.63e-05		37.5	2.89	-568.49	-1.54	635.65	-567.87	-2.691e+04
						75.0	2.89	-1191.48	-1.54	639.63	-625.56	-5.991e+04
174	7	-4.084e+04	-185.84	2.05e-04	-6.36e-03	0.0	3.63	-18.28	-1.09	3594.39	-185.84	-4.084e+04
		-8.893e+04	-267.87	-6.47e-06		37.5	3.63	-641.27	-1.09	3599.34	-226.86	-5.320e+04
						75.0	3.63	-1264.12	-1.09	3604.37	-267.87	-8.893e+04
174	9	-2.477e+05	-5.844e+04	-1.06e-03	-0.03	0.0	279.67	812.17	1783.48	-5.307e+05	-1.922e+05	-2.631e+05
		-2.631e+05	-1.922e+05	-6.95e-03		37.5	279.67	5.97	1783.48	-5.305e+05	-1.253e+05	-2.477e+05
						75.0	279.67	-799.44	1783.48	-5.303e+05	-5.844e+04	-2.626e+05
174	11	-2.661e+05	-5.819e+04	-1.12e-03	-0.03	0.0	280.18	761.17	1783.79	-5.286e+05	-1.920e+05	-2.795e+05
		-2.829e+05	-1.920e+05	-6.93e-03		37.5	280.18	-44.98	1783.79	-5.284e+05	-1.251e+05	-2.661e+05
						75.0	280.18	-850.29	1783.79	-5.282e+05	-5.819e+04	-2.829e+05
174	15	-1.721e+04	-506.70	1.19e-04	-6.17e-03	0.0	2.90	54.57	-1.53	632.52	-506.70	-1.728e+04
		-5.992e+04	-621.32	-3.61e-05		37.5	2.90	-568.51	-1.53	636.48	-564.01	-2.692e+04
						75.0	2.90	-1191.50	-1.53	640.46	-621.32	-5.992e+04
174	17	-3.299e+04	-290.48	1.76e-04	-6.29e-03	0.0	3.39	5.99	-1.23	2607.65	-290.48	-3.299e+04
		-7.926e+04	-382.86	-1.63e-05		37.5	3.39	-617.03	-1.23	2612.28	-336.67	-4.444e+04
						75.0	3.39	-1239.92	-1.23	2616.95	-382.86	-7.926e+04
174	19	-1.686e+05	-3.904e+04	-7.25e-04	-0.02	0.0	186.83	548.74	1188.78	-3.537e+05	-1.282e+05	-1.777e+05
		-1.830e+05	-1.282e+05	-4.64e-03		37.5	186.83	-71.81	1188.78	-3.536e+05	-8.362e+04	-1.687e+05
						75.0	186.83	-691.82	1188.78	-3.535e+05	-3.904e+04	-1.830e+05
174	21	-1.807e+05	-3.888e+04	-7.65e-04	-0.02	0.0	187.17	514.74	1188.99	-3.523e+05	-1.280e+05	-1.887e+05
		-1.966e+05	-1.280e+05	-4.62e-03		37.5	187.17	-105.77	1188.99	-3.522e+05	-8.346e+04	-1.810e+05
						75.0	187.17	-725.72	1188.99	-3.521e+05	-3.888e+04	-1.966e+05
174	22	-1.721e+04	-506.70	1.19e-04	-6.17e-03	0.0	2.90	54.57	-1.53	632.52	-506.70	-1.728e+04
		-5.992e+04	-621.32	-3.61e-05		37.5	2.90	-568.51	-1.53	636.48	-564.01	-2.692e+04
						75.0	2.90	-1191.50	-1.53	640.46	-621.32	-5.992e+04
174	24	-2.514e+04	-398.59	1.48e-04	-6.23e-03	0.0	3.14	30.28	-1.38	1620.08	-398.59	-2.514e+04
		-6.959e+04	-502.09	-2.62e-05		37.5	3.14	-592.77	-1.38	1624.38	-450.34	-3.568e+04
						75.0	3.14	-1215.71	-1.38	1628.71	-502.09	-6.959e+04
174	26	-1.247e+05	-2.752e+04	-5.43e-04	-0.01	0.0	131.65	400.49	831.69	-2.474e+05	-8.989e+04	-1.296e+05
		-1.461e+05	-8.989e+04	-3.26e-03		37.5	131.65	-220.82	831.69	-2.473e+05	-5.870e+04	-1.262e+05
						75.0	131.65	-841.72	831.69	-2.472e+05	-2.752e+04	-1.461e+05
174	28	-1.298e+05	-2.744e+04	-5.61e-04	-0.01	0.0	131.79	385.91	831.78	-2.468e+05	-8.983e+04	-1.343e+05
		-1.519e+05	-8.983e+04	-3.25e-03		37.5	131.79	-235.37	831.78	-2.467e+05	-5.864e+04	-1.314e+05
						75.0	131.79	-856.25	831.78	-2.466e+05	-2.744e+04	-1.519e+05
174	29	-1.721e+04	-506.70	1.19e-04	-6.17e-03	0.0	2.90	54.57	-1.53	632.52	-506.70	-1.728e+04
		-5.992e+04	-621.32	-3.61e-05		37.5	2.90	-568.51	-1.53	636.48	-564.01	-2.692e+04
						75.0	2.90	-1191.50	-1.53	640.46	-621.32	-5.992e+04
174	30	-1.098e+05	-2.367e+04	-4.83e-04	-0.01	0.0	113.26	351.07	712.66	-2.120e+05	-7.712e+04	-1.135e+05

	-1.338e+05	-7.712e+04	-2.80e-03		37.5	113.26	-270.49	712.66	-2.119e+05	-5.040e+04	-1.120e+05	
					75.0	113.26	-891.69	712.66	-2.118e+05	-2.367e+04	-1.338e+05	
174	31 -2.199e+04	-441.84	1.36e-04	-6.20e-03	0.0	3.05	39.99	-1.44	1225.06	-441.84	-2.199e+04	
	-6.572e+04	-549.78	-3.02e-05		37.5	3.05	-583.07	-1.44	1229.22	-495.81	-3.218e+04	
					75.0	3.05	-1206.02	-1.44	1233.41	-549.78	-6.572e+04	
174	32 -1.148e+05	-2.360e+04	-5.00e-04	-0.01	0.0	113.40	336.50	712.74	-2.114e+05	-7.706e+04	-1.182e+05	
	-1.396e+05	-7.706e+04	-2.79e-03		37.5	113.40	-285.04	712.74	-2.113e+05	-5.033e+04	-1.173e+05	
					75.0	113.40	-906.22	712.74	-2.112e+05	-2.360e+04	-1.396e+05	
175	1 -1.244e+04	718.55	-2.37e-05	-7.77e-03	0.0	-2.34	-1464.38	-1.49	-2870.77	718.55	-1.244e+04	
	-4.606e+04	688.81	7.38e-06		10.0	-2.34	-1680.61	-1.49	-2869.59	703.68	-2.817e+04	
					20.0	-2.34	-1896.85	-1.49	-2868.42	688.81	-4.606e+04	
175	3 1.579e+04	-47.38	-5.62e-05	-9.68e-03	0.0	-7.68	-1613.45	-2.28	-1.018e+04	-47.38	1.579e+04	
	-2.087e+04	-92.97	-2.04e-06		10.0	-7.68	-1832.72	-2.28	-1.017e+04	-70.17	-1443.28	
					20.0	-7.68	-2052.01	-2.28	-1.017e+04	-92.97	-2.087e+04	
175	7 1.865e+04	-199.55	-5.07e-05	-7.89e-03	0.0	-7.12	-1275.22	-2.10	-9503.91	-199.55	1.865e+04	
	-1.025e+04	-241.57	-3.43e-06		10.0	-7.12	-1444.60	-2.10	-9501.90	-220.56	5047.14	
					20.0	-7.12	-1613.98	-2.10	-9499.90	-241.57	-1.025e+04	
175	9 -2.933e+05	-1.838e+05	-1.84e-04	-0.02	0.0	214.16	-1530.03	2580.52	-7.538e+05	-2.354e+05	-2.933e+05	
	-3.282e+05	-2.354e+05	-3.54e-03		10.0	214.16	-1746.06	2580.52	-7.538e+05	-2.096e+05	-3.096e+05	
					20.0	214.16	-1962.06	2580.52	-7.537e+05	-1.838e+05	-3.282e+05	
175	12 -2.904e+05	-1.839e+05	-1.89e-04	-0.02	0.0	214.72	-1191.80	2580.69	-7.531e+05	-2.355e+05	-2.904e+05	
	-3.176e+05	-2.355e+05	-3.55e-03		10.0	214.72	-1357.93	2580.69	-7.531e+05	-2.097e+05	-3.031e+05	
					20.0	214.72	-1524.03	2580.69	-7.531e+05	-1.839e+05	-3.176e+05	
175	14 -2.706e+05	-1.845e+05	-1.67e-04	-0.02	0.0	210.98	-1296.15	2580.14	-7.583e+05	-2.361e+05	-2.706e+05	
	-2.999e+05	-2.361e+05	-3.55e-03		10.0	210.98	-1464.41	2580.14	-7.582e+05	-2.103e+05	-2.844e+05	
					20.0	210.98	-1632.64	2580.14	-7.582e+05	-1.845e+05	-2.999e+05	
175	15 -9578.17	558.67	-1.82e-05	-5.98e-03	0.0	-1.79	-1126.32	-1.22	-2204.04	558.67	-9578.17	
	-3.543e+04	534.35	5.81e-06		10.0	-1.79	-1292.65	-1.22	-2203.14	546.51	-2.167e+04	
					20.0	-1.79	-1458.99	-1.22	-2202.24	534.35	-3.543e+04	
175	17 9243.03	48.05	-3.99e-05	-7.25e-03	0.0	-5.35	-1225.70	-1.74	-7074.30	48.05	9243.03	
	-1.864e+04	13.17	0.0		10.0	-5.35	-1394.06	-1.74	-7072.66	30.61	-3855.75	
					20.0	-5.35	-1562.43	-1.74	-7071.02	13.17	-1.864e+04	
175	19 -1.968e+05	-1.224e+05	-1.20e-04	-0.01	0.0	142.54	-1170.08	1720.12	-5.028e+05	-1.569e+05	-1.968e+05	
	-2.235e+05	-1.569e+05	-2.36e-03		10.0	142.54	-1336.28	1720.12	-5.028e+05	-1.397e+05	-2.093e+05	
					20.0	142.54	-1502.46	1720.12	-5.028e+05	-1.224e+05	-2.235e+05	
175	21 -1.836e+05	-1.228e+05	-1.05e-04	-0.01	0.0	140.05	-1239.65	1719.75	-5.062e+05	-1.572e+05	-1.836e+05	
	-2.118e+05	-1.572e+05	-2.37e-03		10.0	140.05	-1407.27	1719.75	-5.062e+05	-1.400e+05	-1.968e+05	
					20.0	140.05	-1574.87	1719.75	-5.062e+05	-1.228e+05	-2.118e+05	
175	22 -9578.17	558.67	-1.82e-05	-5.98e-03	0.0	-1.79	-1126.32	-1.22	-2204.04	558.67	-9578.17	
	-3.543e+04	534.35	5.81e-06		10.0	-1.79	-1292.65	-1.22	-2203.14	546.51	-2.167e+04	
					20.0	-1.79	-1458.99	-1.22	-2202.24	534.35	-3.543e+04	
175	24 -167.57	303.36	-2.91e-05	-6.61e-03	0.0	-3.57	-1176.01	-1.48	-4639.17	303.36	-167.57	
	-2.703e+04	273.76	2.67e-06		10.0	-3.57	-1343.36	-1.48	-4637.90	288.56	-1.276e+04	
					20.0	-3.57	-1510.71	-1.48	-4636.63	273.76	-2.703e+04	
175	26 -1.406e+05	-8.555e+04	-7.86e-05	-0.01	0.0	99.24	-1156.95	1203.72	-3.526e+05	-1.096e+05	-1.406e+05	
	-1.671e+05	-1.096e+05	-1.65e-03		10.0	99.24	-1323.19	1203.72	-3.526e+05	-9.759e+04	-1.530e+05	
					20.0	99.24	-1489.42	1203.72	-3.526e+05	-8.555e+04	-1.671e+05	
175	28 -1.350e+05	-8.571e+04	-7.21e-05	-0.01	0.0	98.17	-1186.77	1203.56	-3.541e+05	-1.098e+05	-1.350e+05	
	-1.621e+05	-1.098e+05	-1.65e-03		10.0	98.17	-1353.62	1203.56	-3.541e+05	-9.775e+04	-1.477e+05	
					20.0	98.17	-1520.45	1203.56	-3.541e+05	-8.571e+04	-1.621e+05	
175	29 -9578.17	558.67	-1.82e-05	-5.98e-03	0.0	-1.79	-1126.32	-1.22	-2204.04	558.67	-9578.17	
	-3.543e+04	534.35	5.81e-06		10.0	-1.79	-1292.65	-1.22	-2203.14	546.51	-2.167e+04	
					20.0	-1.79	-1458.99	-1.22	-2202.24	534.35	-3.543e+04	
175	30 -1.219e+05	-7.326e+04	-6.48e-05	-0.01	0.0	84.81	-1152.58	1031.59	-3.026e+05	-9.389e+04	-1.219e+05	
	-1.483e+05	-9.389e+04	-1.41e-03		10.0	84.81	-1318.83	1031.59	-3.026e+05	-8.357e+04	-1.343e+05	
					20.0	84.81	-1485.07	1031.59	-3.026e+05	-7.326e+04	-1.483e+05	
175	31 -3931.81	405.48	-2.47e-05	-6.36e-03	0.0	-2.86	-1156.13	-1.37	-3665.12	405.48	-3931.81	
	-3.039e+04	378.00	3.93e-06		10.0	-2.86	-1323.07	-1.37	-3663.99	391.74	-1.633e+04	
					20.0	-2.86	-1490.02	-1.37	-3662.87	378.00	-3.039e+04	
175	32 -1.163e+05	-7.341e+04	-5.83e-05	-0.01	0.0	83.74	-1182.39	1031.43	-3.040e+05	-9.404e+04	-1.163e+05	
	-1.432e+05	-9.404e+04	-1.42e-03		10.0	83.74	-1349.25	1031.43	-3.040e+05	-8.373e+04	-1.289e+05	
					20.0	83.74	-1516.10	1031.43	-3.040e+05	-7.341e+04	-1.432e+05	
176	5 -1.727e+04	-507.00	-8.42e-05	-6.06e-03	0.0	2.58	1351.51	-0.04	624.34	-507.00	-7.189e+04	
	-7.189e+04	-510.18	-2.83e-05		37.5	2.58	728.30	-0.04	628.28	-508.59	-3.290e+04	
					75.0	2.58	105.15	-0.04	632.24	-510.18	-1.727e+04	
176	7 -4.082e+04	-185.84	-1.38e-04	-6.17e-03	0.0	3.20	1278.74	0.82	3585.16	-247.30	-8.999e+04	
	-8.999e+04	-247.30	-3.29e-06		37.5	3.20	655.51	0.82	3589.98	-216.57	-5.372e+04	
					75.0	3.20	32.39	0.82	3594.87	-185.84	-4.082e+04	
176	9 -2.629e+05	-9.797e+04	-6.90e-04	-0.03	0.0	274.24	2493.52	-1256.37	-1.070e+05	-9.797e+04	-3.894e+05	
	-3.894e+05	-1.922e+05	-4.61e-03		37.5	274.24	1686.15	-1256.37	-1.068e+05	-1.451e+05	-3.110e+05	
					75.0	274.24	879.28	-1256.37	-1.066e+05	-1.922e+05	-2.629e+05	

176	11	-2.794e+05	-9.779e+04	-7.28e-04	-0.03	0.0	274.67	2442.58	-1255.77	-1.049e+05	-9.779e+04	-4.021e+05
		-4.021e+05	-1.920e+05	-4.60e-03		37.5	274.67	1635.20	-1255.77	-1.047e+05	-1.449e+05	-3.256e+05
						75.0	274.67	828.36	-1255.77	-1.045e+05	-1.920e+05	-2.794e+05
176	15	-1.727e+04	-504.27	-8.42e-05	-6.06e-03	0.0	2.58	1351.49	-0.03	625.17	-504.27	-7.189e+04
		-7.189e+04	-506.70	-2.82e-05		37.5	2.58	728.28	-0.03	629.11	-505.49	-3.290e+04
						75.0	2.58	105.13	-0.03	633.07	-506.70	-1.727e+04
176	17	-3.298e+04	-290.47	-1.20e-04	-6.13e-03	0.0	3.00	1302.98	0.54	2599.05	-331.14	-8.396e+04
		-8.396e+04	-331.14	-1.15e-05		37.5	3.00	679.76	0.54	2603.58	-310.81	-4.678e+04
						75.0	3.00	56.62	0.54	2608.16	-290.47	-3.298e+04
176	19	-1.776e+05	-6.538e+04	-4.72e-04	-0.02	0.0	183.16	1842.56	-837.59	-7.126e+04	-6.538e+04	-2.692e+05
		-2.692e+05	-1.282e+05	-3.08e-03		37.5	183.16	1221.21	-837.59	-7.112e+04	-9.679e+04	-2.117e+05
						75.0	183.16	600.22	-837.59	-7.098e+04	-1.282e+05	-1.776e+05
176	21	-1.886e+05	-6.526e+04	-4.97e-04	-0.02	0.0	183.46	1808.60	-837.19	-6.987e+04	-6.526e+04	-2.776e+05
		-2.776e+05	-1.281e+05	-3.07e-03		37.5	183.46	1187.25	-837.19	-6.974e+04	-9.666e+04	-2.215e+05
						75.0	183.46	566.27	-837.19	-6.960e+04	-1.281e+05	-1.886e+05
176	22	-1.727e+04	-504.27	-8.42e-05	-6.06e-03	0.0	2.58	1351.49	-0.03	625.17	-504.27	-7.189e+04
		-7.189e+04	-506.70	-2.82e-05		37.5	2.58	728.28	-0.03	629.11	-505.49	-3.290e+04
						75.0	2.58	105.13	-0.03	633.07	-506.70	-1.727e+04
176	24	-2.512e+04	-398.59	-1.02e-04	-6.10e-03	0.0	2.79	1327.24	0.25	1612.11	-417.71	-7.793e+04
		-7.793e+04	-417.71	-1.98e-05		37.5	2.79	704.02	0.25	1616.35	-408.15	-3.984e+04
						75.0	2.79	80.88	0.25	1620.61	-398.59	-2.512e+04
176	26	-1.295e+05	-4.592e+04	-3.55e-04	-0.01	0.0	128.99	1695.24	-586.32	-4.969e+04	-4.592e+04	-2.100e+05
		-2.100e+05	-8.989e+04	-2.16e-03		37.5	128.99	1073.33	-586.32	-4.959e+04	-6.791e+04	-1.581e+05
						75.0	128.99	451.69	-586.32	-4.950e+04	-8.989e+04	-1.295e+05
176	28	-1.342e+05	-4.587e+04	-3.66e-04	-0.01	0.0	129.11	1680.68	-586.15	-4.910e+04	-4.587e+04	-2.136e+05
		-2.136e+05	-8.983e+04	-2.16e-03		37.5	129.11	1058.78	-586.15	-4.900e+04	-6.785e+04	-1.622e+05
						75.0	129.11	437.14	-586.15	-4.891e+04	-8.983e+04	-1.342e+05
176	29	-1.727e+04	-504.27	-8.42e-05	-6.06e-03	0.0	2.58	1351.49	-0.03	625.17	-504.27	-7.189e+04
		-7.189e+04	-506.70	-2.82e-05		37.5	2.58	728.28	-0.03	629.11	-505.49	-3.290e+04
						75.0	2.58	105.13	-0.03	633.07	-506.70	-1.727e+04
176	30	-1.135e+05	-3.943e+04	-3.17e-04	-0.01	0.0	110.93	1646.13	-502.57	-4.250e+04	-3.943e+04	-1.903e+05
		-1.903e+05	-7.712e+04	-1.86e-03		37.5	110.93	1024.04	-502.57	-4.242e+04	-5.828e+04	-1.402e+05
						75.0	110.93	402.18	-502.57	-4.234e+04	-7.712e+04	-1.135e+05
176	31	-2.198e+04	-441.83	-9.49e-05	-6.08e-03	0.0	2.71	1336.94	0.14	1217.33	-452.33	-7.551e+04
		-7.551e+04	-452.33	-2.32e-05		37.5	2.71	713.72	0.14	1221.45	-447.08	-3.706e+04
						75.0	2.71	90.58	0.14	1225.59	-441.83	-2.198e+04
176	32	-1.182e+05	-3.938e+04	-3.27e-04	-0.01	0.0	111.06	1631.58	-502.40	-4.191e+04	-3.938e+04	-1.939e+05
		-1.939e+05	-7.706e+04	-1.85e-03		37.5	111.06	1009.48	-502.40	-4.183e+04	-5.822e+04	-1.444e+05
						75.0	111.06	387.63	-502.40	-4.174e+04	-7.706e+04	-1.182e+05
177	1	-2.988e+04	686.28	-7.11e-06	-7.64e-03	0.0	-2.47	-1264.25	-11.67	-3458.82	686.28	-2.988e+04
		-4.361e+04	569.56	6.19e-06		5.0	-2.47	-1372.39	-11.67	-3458.26	627.92	-3.647e+04
						10.0	-2.47	-1480.53	-11.67	-3457.70	569.56	-4.361e+04
177	3	-7849.30	147.88	-3.13e-05	-9.24e-03	0.0	-5.77	-1873.49	-8.51	-2.146e+04	147.88	-7849.30
		-2.768e+04	62.80	0.0		5.0	-5.77	-1983.20	-8.51	-2.146e+04	105.34	-1.749e+04
						10.0	-5.77	-2092.92	-8.51	-2.145e+04	62.80	-2.768e+04
177	7	-947.27	-11.82	-2.96e-05	-7.48e-03	0.0	-5.22	-1581.66	-5.87	-2.065e+04	-11.82	-947.27
		-1.761e+04	-70.56	-2.19e-06		5.0	-5.22	-1666.42	-5.87	-2.065e+04	-41.19	-9067.49
						10.0	-5.22	-1751.19	-5.87	-2.064e+04	-70.56	-1.761e+04
177	9	-2.769e+05	319.84	-1.83e-04	-0.02	0.0	410.10	-705.34	895.98	-7.638e+05	-8640.00	-2.769e+05
		-2.851e+05	-8640.00	-2.14e-03		5.0	410.10	-812.98	895.98	-7.638e+05	-4160.08	-2.807e+05
						10.0	410.10	-920.61	895.98	-7.638e+05	319.84	-2.851e+05
177	12	-2.700e+05	186.48	-1.85e-04	-0.01	0.0	410.66	-413.52	898.62	-7.630e+05	-8799.70	-2.700e+05
		-2.750e+05	-8799.70	-2.14e-03		5.0	410.66	-496.21	898.62	-7.630e+05	-4306.61	-2.723e+05
						10.0	410.66	-578.88	898.62	-7.630e+05	186.48	-2.750e+05
177	14	-2.546e+05	-168.24	-1.68e-04	-0.02	0.0	408.35	-839.98	900.83	-7.756e+05	-9176.58	-2.546e+05
		-2.639e+05	-9176.58	-2.14e-03		5.0	408.35	-923.77	900.83	-7.756e+05	-4672.41	-2.590e+05
						10.0	408.35	-1007.55	900.83	-7.756e+05	-168.24	-2.639e+05
177	15	-2.298e+04	527.33	-5.46e-06	-5.88e-03	0.0	-1.91	-972.47	-9.00	-2655.48	527.33	-2.298e+04
		-3.354e+04	437.28	4.83e-06		5.0	-1.91	-1055.65	-9.00	-2655.05	482.31	-2.805e+04
						10.0	-1.91	-1138.84	-9.00	-2654.61	437.28	-3.354e+04
177	17	-8294.94	168.40	-2.16e-05	-6.95e-03	0.0	-4.11	-1378.63	-6.89	-1.465e+04	168.40	-8294.94
		-2.292e+04	99.45	0.0		5.0	-4.11	-1462.86	-6.89	-1.465e+04	133.92	-1.540e+04
						10.0	-4.11	-1547.10	-6.89	-1.465e+04	99.45	-2.292e+04
177	19	-1.877e+05	270.81	-1.22e-04	-0.01	0.0	273.14	-599.86	596.10	-5.096e+05	-5690.19	-1.877e+05
		-1.945e+05	-5690.19	-1.42e-03		5.0	273.14	-682.72	596.10	-5.096e+05	-2709.69	-1.909e+05
						10.0	273.14	-765.56	596.10	-5.096e+05	270.81	-1.945e+05
177	21	-1.774e+05	34.32	-1.10e-04	-0.01	0.0	271.60	-884.17	597.58	-5.180e+05	-5941.44	-1.774e+05
		-1.871e+05	-5941.44	-1.43e-03		5.0	271.60	-967.76	597.58	-5.180e+05	-2953.56	-1.820e+05
						10.0	271.60	-1051.34	597.58	-5.180e+05	34.32	-1.871e+05
177	22	-2.298e+04	527.33	-5.46e-06	-5.88e-03	0.0	-1.91	-972.47	-9.00	-2655.48	527.33	-2.298e+04
		-3.354e+04	437.28	4.83e-06		5.0	-1.91	-1055.65	-9.00	-2655.05	482.31	-2.805e+04

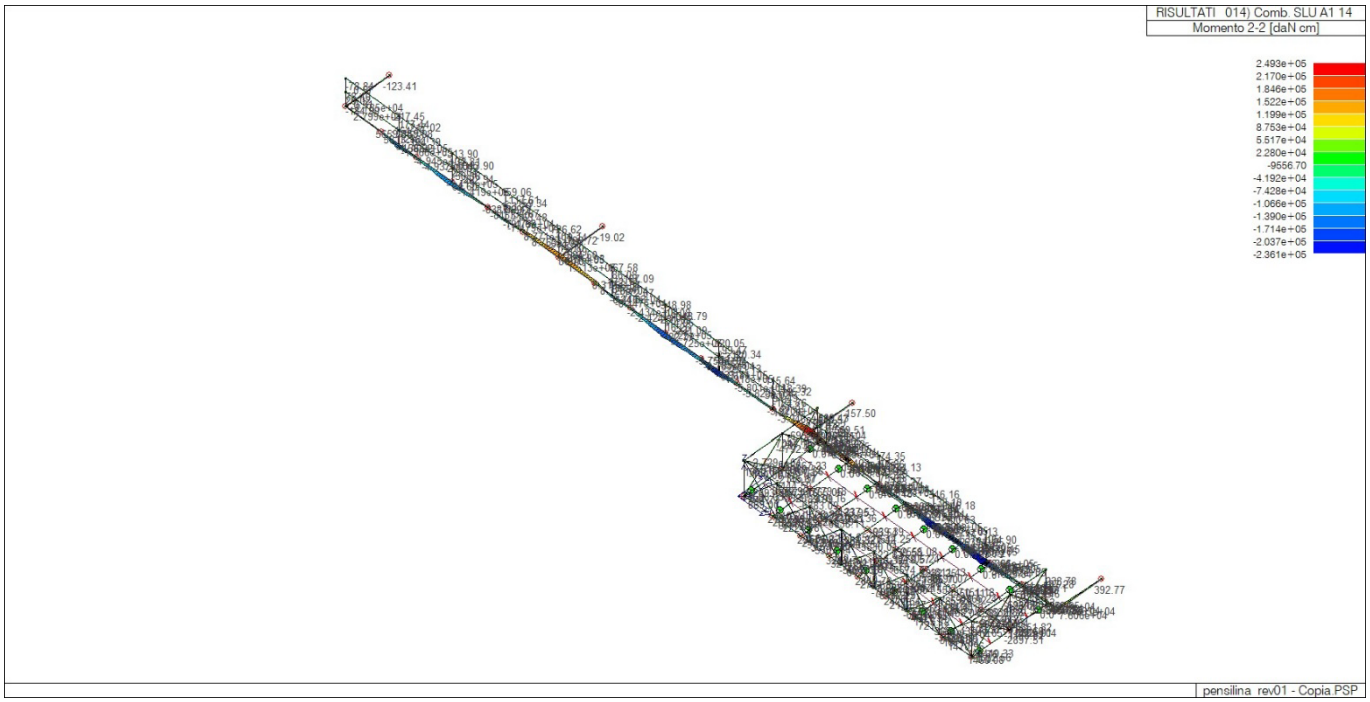
						10.0	-1.91	-1138.84	-9.00	-2654.61	437.28	-3.354e+04
177	24	-1.564e+04	347.86	-1.35e-05	-6.41e-03	0.0	-3.01	-1175.55	-7.95	-8654.77	347.86	-1.564e+04
		-2.823e+04	268.37	2.46e-06		5.0	-3.01	-1259.26	-7.95	-8654.18	308.11	-2.173e+04
						10.0	-3.01	-1342.97	-7.95	-8653.61	268.37	-2.823e+04
177	26	-1.383e+05	320.75	-8.34e-05	-0.01	0.0	190.63	-711.64	414.57	-3.575e+05	-3824.93	-1.383e+05
		-1.462e+05	-3824.93	-9.96e-04		5.0	190.63	-794.60	414.57	-3.575e+05	-1752.09	-1.420e+05
						10.0	190.63	-877.54	414.57	-3.575e+05	320.75	-1.462e+05
177	28	-1.339e+05	219.40	-7.86e-05	-0.01	0.0	189.97	-833.49	415.20	-3.611e+05	-3932.61	-1.339e+05
		-1.430e+05	-3932.61	-9.97e-04		5.0	189.97	-916.76	415.20	-3.611e+05	-1856.61	-1.382e+05
						10.0	189.97	-1000.02	415.20	-3.611e+05	219.40	-1.430e+05
177	29	-2.298e+04	527.33	-5.46e-06	-5.88e-03	0.0	-1.91	-972.47	-9.00	-2655.48	527.33	-2.298e+04
		-3.354e+04	437.28	4.83e-06		5.0	-1.91	-1055.65	-9.00	-2655.05	482.31	-2.805e+04
						10.0	-1.91	-1138.84	-9.00	-2654.61	437.28	-3.354e+04
177	30	-1.218e+05	337.40	-7.07e-05	-9.47e-03	0.0	163.12	-748.90	354.06	-3.068e+05	-3203.18	-1.218e+05
		-1.301e+05	-3203.18	-8.53e-04		5.0	163.12	-831.89	354.06	-3.068e+05	-1432.89	-1.258e+05
						10.0	163.12	-914.87	354.06	-3.068e+05	337.40	-1.301e+05
177	31	-1.858e+04	419.65	-1.03e-05	-6.20e-03	0.0	-2.57	-1094.32	-8.37	-6255.05	419.65	-1.858e+04
		-3.035e+04	335.93	3.41e-06		5.0	-2.57	-1177.82	-8.37	-6254.53	377.79	-2.426e+04
						10.0	-2.57	-1261.32	-8.37	-6254.01	335.93	-3.035e+04
177	32	-1.174e+05	236.05	-6.59e-05	-9.79e-03	0.0	162.46	-870.75	354.69	-3.104e+05	-3310.86	-1.174e+05
		-1.269e+05	-3310.86	-8.54e-04		5.0	162.46	-954.05	354.69	-3.104e+05	-1537.41	-1.220e+05
						10.0	162.46	-1037.35	354.69	-3.104e+05	236.05	-1.269e+05
178	3	8.057e+04	277.98	7.62e-04	-9.57e-03	0.0	1.19	2469.95	3.83	5778.45	-296.58	-6.090e+04
		-6.090e+04	-296.58	-6.59e-05		75.0	1.19	853.44	3.83	5791.88	-9.30	6.372e+04
						150.0	1.19	-761.93	3.83	5805.75	277.98	6.714e+04
178	7	5.820e+04	292.59	6.89e-04	-7.57e-03	0.0	0.79	1933.13	2.87	5197.19	-138.21	-5.439e+04
		-5.439e+04	-138.21	-2.87e-05		75.0	0.79	690.01	2.87	5208.16	77.19	4.397e+04
						150.0	0.79	-552.07	2.87	5219.51	292.59	4.914e+04
178	9	8.598e+05	2.491e+05	-1.63e-03	-0.02	0.0	281.72	6677.59	1926.49	-1.036e+06	-3.992e+04	9.813e+04
		9.813e+04	-3.992e+04	-0.02		75.0	281.72	5077.63	1926.49	-1.036e+06	1.046e+05	5.389e+05
						150.0	281.72	3480.21	1926.49	-1.036e+06	2.491e+05	8.598e+05
178	14	8.342e+05	2.493e+05	-1.87e-03	-0.02	0.0	280.98	6241.37	1925.31	-1.035e+06	-3.946e+04	8.174e+04
		8.174e+04	-3.946e+04	-0.02		75.0	280.98	5015.86	1925.31	-1.034e+06	1.049e+05	5.039e+05
						150.0	280.98	3793.25	1925.31	-1.034e+06	2.493e+05	8.342e+05
178	17	6.367e+04	170.23	5.40e-04	-7.27e-03	0.0	0.96	1885.22	2.98	4109.79	-276.72	-4.349e+04
		-4.349e+04	-276.72	-6.17e-05		75.0	0.96	641.60	2.98	4119.84	-53.25	5.126e+04
						150.0	0.96	-601.21	2.98	4130.20	170.23	5.277e+04
178	19	5.812e+05	1.660e+05	-1.12e-03	-0.02	0.0	187.98	4690.32	1284.76	-6.906e+05	-2.670e+04	6.253e+04
		6.253e+04	-2.670e+04	-0.01		75.0	187.98	3457.72	1284.76	-6.905e+05	6.966e+04	3.681e+05
						150.0	187.98	2226.88	1284.76	-6.903e+05	1.660e+05	5.812e+05
178	21	5.761e+05	1.662e+05	-1.33e-03	-0.02	0.0	187.75	4757.38	1284.60	-6.891e+05	-2.649e+04	4.726e+04
		4.726e+04	-2.649e+04	-0.01		75.0	187.75	3525.50	1284.60	-6.889e+05	6.985e+04	3.579e+05
						150.0	187.75	2295.67	1284.60	-6.888e+05	1.662e+05	5.761e+05
178	24	6.915e+04	42.34	3.92e-04	-6.98e-03	0.0	1.12	1837.32	3.09	3021.85	-420.77	-3.258e+04
		-3.258e+04	-420.77	-9.55e-05		75.0	1.12	593.19	3.09	3030.99	-189.21	5.856e+04
						150.0	1.12	-650.35	3.09	3040.36	42.34	5.642e+04
178	26	4.249e+05	1.162e+05	-8.57e-04	-0.01	0.0	131.97	3820.05	900.29	-4.828e+05	-1.886e+04	3.727e+04
		3.727e+04	-1.886e+04	-7.86e-03		75.0	131.97	2583.84	900.29	-4.827e+05	4.867e+04	2.774e+05
						150.0	131.97	1348.97	900.29	-4.827e+05	1.162e+05	4.249e+05
178	28	4.227e+05	1.163e+05	-9.46e-04	-0.01	0.0	131.87	3848.79	900.22	-4.822e+05	-1.877e+04	3.073e+04
		3.073e+04	-1.877e+04	-7.84e-03		75.0	131.87	2612.89	900.22	-4.821e+05	4.875e+04	2.730e+05
						150.0	131.87	1378.45	900.22	-4.820e+05	1.163e+05	4.227e+05
178	30	3.728e+05	9.958e+04	-7.69e-04	-0.01	0.0	113.30	3529.96	772.13	-4.136e+05	-1.624e+04	2.885e+04
		2.885e+04	-1.624e+04	-6.76e-03		75.0	113.30	2292.55	772.13	-4.135e+05	4.167e+04	2.472e+05
						150.0	113.30	1056.33	772.13	-4.134e+05	9.958e+04	3.728e+05
178	31	7.134e+04	-8.81	3.32e-04	-6.87e-03	0.0	1.18	1818.16	3.13	2586.67	-478.39	-2.821e+04
		-2.821e+04	-478.39	-1.09e-04		75.0	1.18	573.83	3.13	2595.45	-243.60	6.148e+04
						150.0	1.18	-670.00	3.13	2604.42	-8.81	5.787e+04
178	32	3.706e+05	9.965e+04	-8.59e-04	-0.01	0.0	113.20	3558.70	772.07	-4.129e+05	-1.616e+04	2.231e+04
		2.231e+04	-1.616e+04	-6.74e-03		75.0	113.20	2321.59	772.07	-4.128e+05	4.175e+04	2.428e+05
						150.0	113.20	1085.81	772.07	-4.128e+05	9.965e+04	3.706e+05
179	5	7821.97	-568.65	3.34e-04	-6.47e-03	0.0	1.93	1502.21	0.39	1243.61	-626.73	-6.002e+04
		-6.002e+04	-626.73	-9.98e-05		75.0	1.93	256.57	0.39	1251.62	-597.69	5929.97
						150.0	1.93	-988.56	0.39	1259.73	-568.65	-2.152e+04
179	7	-2.347e+04	-137.78	6.25e-04	-6.93e-03	0.0	2.09	1478.28	0.87	4352.76	-268.11	-8.911e+04
		-8.911e+04	-268.11	-2.34e-05		75.0	2.09	233.17	0.87	4363.04	-202.95	-2.493e+04
						150.0	2.09	-1011.00	0.87	4373.65	-137.78	-5.411e+04
179	9	9.899e+04	-3.966e+04	2.75e-03	-0.02	0.0	278.07	4021.96	126.68	-5.709e+05	-5.866e+04	-2.632e+05
		-2.632e+05	-5.866e+04	-0.02		75.0	278.07	2413.96	126.68	-5.706e+05	-4.916e+04	-2.189e+04
						150.0	278.07	810.09	126.68	-5.703e+05	-3.966e+04	9.899e+04
179	11	7.618e+04	-3.936e+04	2.96e-03	-0.02	0.0	278.19	4005.21	127.01	-5.688e+05	-5.841e+04	-2.836e+05

		-2.836e+05	-5.841e+04	-0.02		75.0	278.19	2397.58	127.01	-5.684e+05	-4.888e+04	-4.349e+04	
						150.0	278.19	794.39	127.01	-5.681e+05	-3.936e+04	7.618e+04	
179	12	1.055e+05	-3.950e+04	2.65e-03	-0.02	0.0	277.48	3571.34	126.54	-5.713e+05	-5.848e+04	-2.452e+05	
		-2.452e+05	-5.848e+04	-0.02		75.0	277.48	2337.03	126.54	-5.710e+05	-4.899e+04	-2.365e+04	
						150.0	277.48	1106.71	126.54	-5.707e+05	-3.950e+04	1.055e+05	
179	15	7814.88	-563.13	3.34e-04	-6.47e-03	0.0	1.94	1502.19	0.40	1244.42	-622.49	-6.003e+04	
		-6.003e+04	-622.49	-9.93e-05		75.0	1.94	256.55	0.40	1252.43	-592.81	5923.26	
						150.0	1.94	-988.58	0.40	1260.54	-563.13	-2.153e+04	
179	17	-1.305e+04	-275.88	5.28e-04	-6.78e-03	0.0	2.04	1486.24	0.72	3317.18	-383.41	-7.942e+04	
		-7.942e+04	-383.41	-4.84e-05		75.0	2.04	240.95	0.72	3326.71	-329.65	-1.465e+04	
						150.0	2.04	-1003.54	0.72	3336.48	-275.88	-4.325e+04	
179	19	6.313e+04	-2.652e+04	1.88e-03	-0.02	0.0	185.64	2881.61	84.50	-3.805e+05	-3.919e+04	-1.835e+05	
		-1.835e+05	-3.919e+04	-0.01		75.0	185.64	1643.53	84.50	-3.802e+05	-3.285e+04	-1.380e+04	
						150.0	185.64	408.26	84.50	-3.800e+05	-2.652e+04	6.313e+04	
179	21	4.792e+04	-2.632e+04	2.01e-03	-0.02	0.0	185.71	2870.44	84.72	-3.790e+05	-3.902e+04	-1.970e+05	
		-1.970e+05	-3.902e+04	-0.01		75.0	185.71	1632.61	84.72	-3.788e+05	-3.267e+04	-2.820e+04	
						150.0	185.71	397.79	84.72	-3.786e+05	-2.632e+04	4.792e+04	
179	22	7814.88	-563.13	3.34e-04	-6.47e-03	0.0	1.94	1502.19	0.40	1244.42	-622.49	-6.003e+04	
		-6.003e+04	-622.49	-9.93e-05		75.0	1.94	256.55	0.40	1252.43	-592.81	5923.26	
						150.0	1.94	-988.58	0.40	1260.54	-563.13	-2.153e+04	
179	24	-2617.77	-419.50	4.31e-04	-6.62e-03	0.0	1.99	1494.21	0.56	2280.80	-502.95	-6.972e+04	
		-6.972e+04	-502.95	-7.39e-05		75.0	1.99	248.75	0.56	2289.57	-461.23	-4363.74	
						150.0	1.99	-996.06	0.56	2298.51	-419.50	-3.239e+04	
179	26	3.773e+04	-1.873e+04	1.42e-03	-0.01	0.0	130.53	2467.78	59.27	-2.659e+05	-2.762e+04	-1.464e+05	
		-1.464e+05	-2.762e+04	-8.00e-03		75.0	130.53	1227.43	59.27	-2.658e+05	-2.318e+04	-7882.30	
						150.0	130.53	-10.79	59.27	-2.656e+05	-1.873e+04	3.773e+04	
179	28	3.121e+04	-1.864e+04	1.47e-03	-0.01	0.0	130.56	2463.00	59.36	-2.653e+05	-2.755e+04	-1.523e+05	
		-1.523e+05	-2.755e+04	-7.98e-03		75.0	130.56	1222.75	59.36	-2.652e+05	-2.310e+04	-1.405e+04	
						150.0	130.56	-15.28	59.36	-2.650e+05	-1.864e+04	3.121e+04	
179	29	7814.88	-563.13	3.34e-04	-6.47e-03	0.0	1.94	1502.19	0.40	1244.42	-622.49	-6.003e+04	
		-6.003e+04	-622.49	-9.93e-05		75.0	1.94	256.55	0.40	1252.43	-592.81	5923.26	
						150.0	1.94	-988.58	0.40	1260.54	-563.13	-2.153e+04	
179	30	2.995e+04	-1.614e+04	1.26e-03	-0.01	0.0	112.16	2329.84	50.86	-2.278e+05	-2.376e+04	-1.341e+05	
		-1.341e+05	-2.376e+04	-6.87e-03		75.0	112.16	1088.74	50.86	-2.276e+05	-1.995e+04	-5910.07	
						150.0	112.16	-150.47	50.86	-2.275e+05	-1.614e+04	2.926e+04	
179	31	1555.29	-476.95	3.92e-04	-6.56e-03	0.0	1.97	1497.40	0.49	1866.25	-550.77	-6.584e+04	
		-6.584e+04	-550.77	-8.40e-05		75.0	1.97	251.87	0.49	1874.71	-513.86	-248.94	
						150.0	1.97	-993.07	0.49	1883.32	-476.95	-2.805e+04	
179	32	2.347e+04	-1.605e+04	1.32e-03	-0.01	0.0	112.19	2325.06	50.95	-2.272e+05	-2.369e+04	-1.399e+05	
		-1.399e+05	-2.369e+04	-6.85e-03		75.0	112.19	1084.06	50.95	-2.270e+05	-1.987e+04	-1.208e+04	
						150.0	112.19	-154.96	50.95	-2.269e+05	-1.605e+04	2.275e+04	
180	3	5.443e+04	138.05	3.70e-04	-9.21e-03	0.0	-4.19	1896.47	0.69	-2.014e+04	62.60	-2.741e+04	
		-2.741e+04	62.60	-8.71e-06		55.0	-4.19	689.35	0.69	-2.013e+04	100.33	4.371e+04	
						110.0	-4.19	-518.16	0.69	-2.012e+04	138.05	4.842e+04	
180	9	-2.710e+04	5.075e+04	2.32e-03	-0.02	0.0	407.85	3532.48	462.70	-7.739e+05	-144.01	-2.856e+05	
		-2.856e+05	-144.01	-0.02		55.0	407.85	2349.86	462.70	-7.738e+05	2.530e+04	-1.239e+05	
						110.0	407.85	1169.76	462.70	-7.737e+05	5.075e+04	-2.710e+04	
180	12	-3.514e+04	5.071e+04	2.33e-03	-0.01	0.0	408.33	3093.58	463.51	-7.733e+05	-277.65	-2.756e+05	
		-2.756e+05	-277.65	-0.02		55.0	408.33	2185.48	463.51	-7.732e+05	2.522e+04	-1.304e+05	
						110.0	408.33	1279.92	463.51	-7.731e+05	5.071e+04	-3.514e+04	
180	14	-2.565e+04	5.069e+04	2.13e-03	-0.02	0.0	406.91	3089.96	466.56	-7.856e+05	-633.46	-2.643e+05	
		-2.643e+05	-633.46	-0.02		55.0	406.91	2169.60	466.56	-7.855e+05	2.503e+04	-1.197e+05	
						110.0	406.91	1251.56	466.56	-7.854e+05	5.069e+04	-2.565e+04	
180	17	4.040e+04	107.03	2.55e-04	-6.92e-03	0.0	-3.02	1459.33	0.07	-1.369e+04	99.47	-2.273e+04	
		-2.273e+04	99.47	2.79e-06		55.0	-3.02	532.57	0.07	-1.368e+04	103.25	3.205e+04	
						110.0	-3.02	-394.46	0.07	-1.367e+04	107.03	3.585e+04	
180	19	-1.449e+04	3.385e+04	1.54e-03	-0.01	0.0	271.67	2550.00	308.08	-5.162e+05	-38.27	-1.949e+05	
		-1.949e+05	-38.27	-0.02		55.0	271.67	1639.57	308.08	-5.161e+05	1.691e+04	-7.967e+04	
						110.0	271.67	730.82	308.08	-5.161e+05	3.385e+04	-1.449e+04	
180	21	-8162.05	3.384e+04	1.40e-03	-0.01	0.0	270.72	2547.59	310.11	-5.244e+05	-275.48	-1.874e+05	
		-1.874e+05	-275.48	-0.02		55.0	270.72	1628.99	310.11	-5.243e+05	1.678e+04	-7.253e+04	
						110.0	270.72	711.92	310.11	-5.242e+05	3.384e+04	-8162.05	
180	24	3.563e+04	268.91	1.58e-04	-6.40e-03	0.0	-2.34	1461.05	-1.38	-7837.52	268.91	-2.808e+04	
		-2.808e+04	117.06	3.10e-05		55.0	-2.34	540.13	-1.38	-7831.33	192.98	2.695e+04	
						110.0	-2.34	-380.95	-1.38	-7825.46	117.06	3.133e+04	
180	25	6550.29	2.035e+04	8.00e-04	-9.94e-03	0.0	161.66	2113.39	185.16	-3.164e+05	-17.06	-1.249e+05	
		-1.249e+05	-17.06	-9.30e-03		55.0	161.66	1195.26	185.16	-3.163e+05	1.017e+04	-3.396e+04	
						110.0	161.66	278.01	185.16	-3.163e+05	2.035e+04	6550.29	
180	26	-2100.50	2.373e+04	1.06e-03	-0.01	0.0	189.67	2223.83	214.80	-3.619e+05	104.71	-1.464e+05	
		-1.464e+05	104.71	-0.01		55.0	189.67	1312.01	214.80	-3.619e+05	1.192e+04	-4.921e+04	
						110.0	189.67	401.34	214.80	-3.618e+05	2.373e+04	-2100.50	

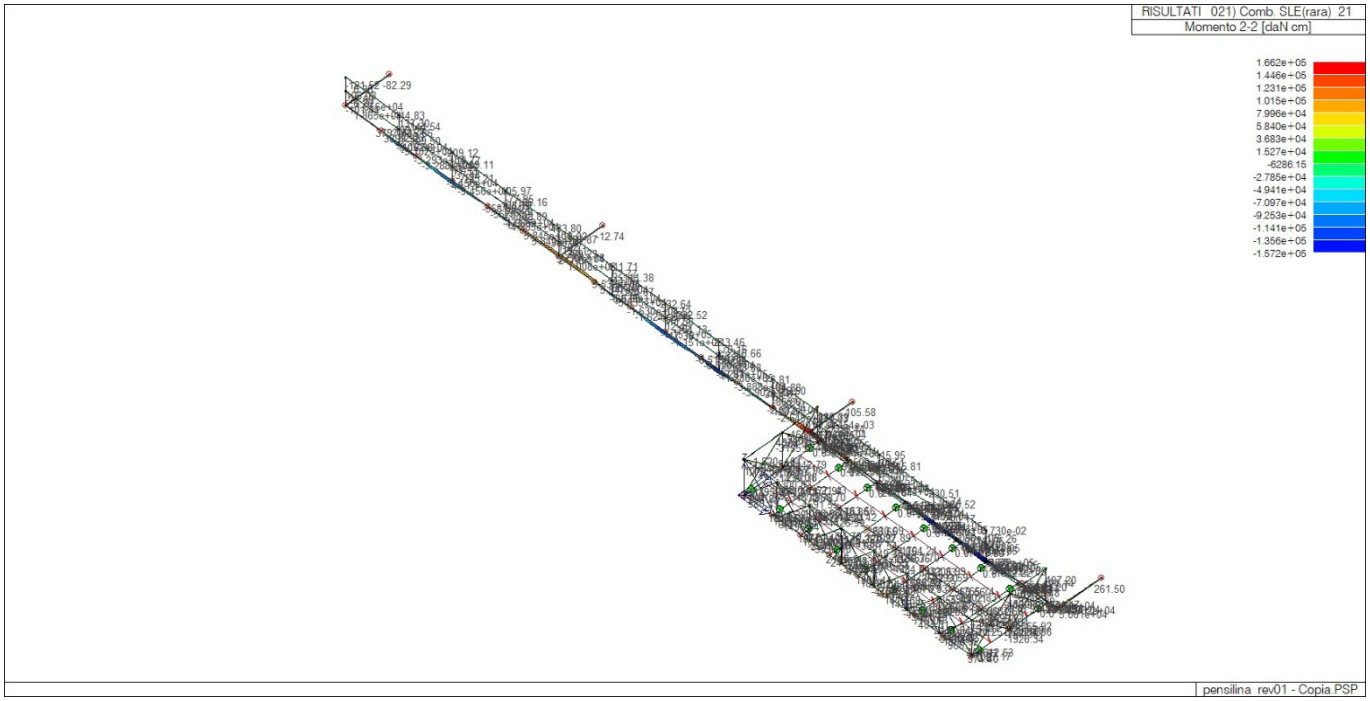
180	30	2029.65	2.036e+04	8.97e-04	-9.41e-03	0.0	162.34	2115.11	183.71	-3.105e+05	152.38	-1.303e+05	
		-1.303e+05	152.38	-9.27e-03		55.0	162.34	1202.82	183.71	-3.105e+05	1.026e+04	-3.906e+04	
						110.0	162.34	291.52	183.71	-3.104e+05	2.036e+04	2029.65	
180	31	3.372e+04	336.68	1.19e-04	-6.19e-03	0.0	-2.07	1461.74	-1.96	-5496.83	336.68	-3.022e+04	
		-3.022e+04	121.07	4.24e-05		55.0	-2.07	543.16	-1.96	-5491.24	228.87	2.491e+04	
						110.0	-2.07	-375.55	-1.96	-5485.87	121.07	2.952e+04	
180	32	4742.04	2.035e+04	8.39e-04	-9.73e-03	0.0	161.93	2114.08	184.58	-3.140e+05	50.71	-1.271e+05	
		-1.271e+05	50.71	-9.29e-03		55.0	161.93	1198.28	184.58	-3.140e+05	1.020e+04	-3.600e+04	
						110.0	161.93	283.41	184.58	-3.139e+05	2.035e+04	4742.04	
187	1	9.213e+04	42.30	-3.41e-03	-7.36e-03	0.0	-2.09	2000.93	-0.23	-24.84	42.30	-432.33	
		-736.32	-0.05	3.57e-06		92.5	-2.09	-0.61	-0.23	-24.55	21.13	9.213e+04	
						185.0	-2.09	-2008.37	-0.23	-24.27	-0.05	-736.32	
187	11	6.274e+04	-123.42	-0.03	-0.02	0.0	1633.74	9268.18	149.85	7381.47	-2.785e+04	-1.282e+06	
		-1.282e+06	-2.785e+04	0.01		92.5	1633.74	7278.47	149.85	7359.14	-1.398e+04	-5.162e+05	
						185.0	1633.74	5230.26	149.85	7337.66	-123.42	6.274e+04	
187	14	6.291e+04	-123.41	-0.03	-0.02	0.0	1634.23	8806.43	149.90	7387.18	-2.785e+04	-1.282e+06	
		-1.282e+06	-2.785e+04	0.01		92.5	1634.23	7278.61	149.90	7364.79	-1.399e+04	-5.375e+05	
						185.0	1634.23	5693.73	149.90	7343.23	-123.41	6.291e+04	
187	15	7.087e+04	32.59	-2.62e-03	-5.66e-03	0.0	-1.61	1539.18	-0.18	-19.12	32.59	-332.55	
		-566.40	-0.04	2.78e-06		92.5	-1.61	-0.47	-0.18	-18.90	16.28	7.087e+04	
						185.0	-1.61	-1544.90	-0.18	-18.68	-0.04	-566.40	
187	21	4.175e+04	-82.29	-0.02	-0.01	0.0	1088.95	6384.01	99.87	4918.42	-1.856e+04	-8.547e+05	
		-8.547e+05	-1.856e+04	7.31e-03		92.5	1088.95	4852.25	99.87	4903.57	-9320.64	-3.347e+05	
						185.0	1088.95	3280.85	99.87	4889.27	-82.29	4.175e+04	
187	22	7.087e+04	32.59	-2.62e-03	-5.66e-03	0.0	-1.61	1539.18	-0.18	-19.12	32.59	-332.55	
		-566.40	-0.04	2.78e-06		92.5	-1.61	-0.47	-0.18	-18.90	16.28	7.087e+04	
						185.0	-1.61	-1544.90	-0.18	-18.68	-0.04	-566.40	
187	28	2.906e+04	-57.61	-0.02	-0.01	0.0	761.78	4930.50	69.85	3436.83	-1.298e+04	-5.984e+05	
		-5.984e+05	-1.298e+04	5.12e-03		92.5	761.78	3396.37	69.85	3426.50	-6518.75	-2.130e+05	
						185.0	761.78	1833.07	69.85	3416.56	-57.61	2.906e+04	
187	29	7.087e+04	32.59	-2.62e-03	-5.66e-03	0.0	-1.61	1539.18	-0.18	-19.12	32.59	-332.55	
		-566.40	-0.04	2.78e-06		92.5	-1.61	-0.47	-0.18	-18.90	16.28	7.087e+04	
						185.0	-1.61	-1544.90	-0.18	-18.68	-0.04	-566.40	
187	32	2.482e+04	-49.39	-0.01	-9.78e-03	0.0	652.72	4446.04	59.85	2943.20	-1.112e+04	-5.129e+05	
		-5.129e+05	-1.112e+04	4.39e-03		92.5	652.72	2911.13	59.85	2934.37	-5585.36	-1.725e+05	
						185.0	652.72	1350.51	59.85	2925.88	-49.39	2.482e+04	
188	1	9.576e+04	-0.22	4.29e-03	-8.22e-03	0.0	-3.29	1955.93	0.27	15.72	-50.08	7221.02	
		-939.86	-50.08	1.96e-05		92.5	-3.29	-42.81	0.27	15.64	-25.15	9.576e+04	
						185.0	-3.29	-2049.38	0.27	15.55	-0.22	-939.86	
188	5	7.366e+04	-0.17	3.30e-03	-6.32e-03	0.0	-2.53	1504.56	0.21	12.11	-38.59	5555.35	
		-722.91	-38.59	1.52e-05		92.5	-2.53	-32.93	0.21	12.04	-19.38	7.366e+04	
						185.0	-2.53	-1576.45	0.21	11.98	-0.17	-722.91	
188	11	6.610e+04	-19.07	-0.04	0.02	0.0	1745.42	1.395e+04	24.53	986.38	-4556.42	-2.140e+06	
		-2.140e+06	-4556.42	1.70e-03		92.5	1745.42	1.194e+04	24.53	986.89	-2287.75	-9.422e+05	
						185.0	1745.42	9853.68	24.53	987.52	-19.07	6.610e+04	
188	14	6.632e+04	-19.02	-0.04	0.02	0.0	1746.18	1.349e+04	24.46	982.77	-4544.93	-2.142e+06	
		-2.142e+06	-4544.93	1.69e-03		92.5	1746.18	1.195e+04	24.46	983.30	-2281.97	-9.643e+05	
						185.0	1746.18	1.033e+04	24.46	983.94	-19.02	6.632e+04	
188	15	7.366e+04	-0.17	3.30e-03	-6.32e-03	0.0	-2.53	1504.56	0.21	12.10	-38.55	5554.94	
		-722.95	-38.55	1.51e-05		92.5	-2.53	-32.93	0.21	12.03	-19.36	7.366e+04	
						185.0	-2.53	-1576.45	0.21	11.97	-0.17	-722.95	
188	21	4.397e+04	-12.74	-0.03	0.01	0.0	1163.27	9497.77	16.38	659.21	-3042.78	-1.426e+06	
		-1.426e+06	-3042.78	1.13e-03		92.5	1163.27	7953.43	16.38	659.54	-1527.76	-6.183e+05	
						185.0	1163.27	6358.93	16.38	659.94	-12.74	4.397e+04	
188	22	7.366e+04	-0.17	3.30e-03	-6.32e-03	0.0	-2.53	1504.56	0.21	12.10	-38.55	5554.94	
		-722.95	-38.55	1.51e-05		92.5	-2.53	-32.93	0.21	12.03	-19.36	7.366e+04	
						185.0	-2.53	-1576.45	0.21	11.97	-0.17	-722.95	
188	28	3.056e+04	-8.95	-0.02	-9.26e-03	0.0	813.52	7098.08	11.49	463.30	-2135.40	-9.961e+05	
		-9.961e+05	-2135.40	7.97e-04		92.5	813.52	5555.81	11.49	463.52	-1072.18	-4.106e+05	
						185.0	813.52	3976.61	11.49	463.79	-8.95	3.056e+04	
188	29	7.366e+04	-0.17	3.30e-03	-6.32e-03	0.0	-2.53	1504.56	0.21	12.10	-38.55	5554.94	
		-722.95	-38.55	1.51e-05		92.5	-2.53	-32.93	0.21	12.03	-19.36	7.366e+04	
						185.0	-2.53	-1576.45	0.21	11.97	-0.17	-722.95	
188	32	2.609e+04	-7.70	-0.02	-8.84e-03	0.0	696.95	6299.40	9.89	399.24	-1837.23	-8.531e+05	
		-8.531e+05	-1837.23	6.85e-04		92.5	696.95	4757.80	9.89	399.42	-922.47	-3.414e+05	
						185.0	696.95	3183.70	9.89	399.64	-7.70	2.609e+04	
189	1	9.580e+04	495.11	4.34e-03	-8.28e-03	0.0	-8.49	1952.93	-2.66	-129.15	495.11	7525.51	
		-1165.30	2.29	-2.03e-04		92.5	-8.49	-45.66	-2.66	-128.79	248.70	9.580e+04	
						185.0	-8.49	-2052.16	-2.66	-128.45	2.29	-1165.30	
189	7	6.454e+04	358.65	4.44e-03	-7.18e-03	0.0	-5.37	1597.40	-1.94	-202.99	358.65	-1.228e+04	
		-1.228e+04	0.16	-1.88e-05		92.5	-5.37	62.13	-1.94	-200.68	179.40	6.454e+04	

						185.0	-5.37	-1481.23	-1.94	-198.39	0.16	-1033.08	
189	9	5.137e+04	2.919e+04	-0.04	0.02	0.0	1388.39	1.370e+04	-156.90	-6436.09	2.919e+04	-2.109e+06	
		-2.109e+06	159.15	-0.01		92.5	1388.39	1.169e+04	-156.90	-6436.99	1.467e+04	-9.343e+05	
						185.0	1388.39	9608.98	-156.90	-6438.61	159.15	5.137e+04	
189	14	5.154e+04	2.906e+04	-0.04	0.02	0.0	1391.16	1.332e+04	-156.22	-6479.11	2.906e+04	-2.124e+06	
		-2.124e+06	157.50	-0.01		92.5	1391.16	1.177e+04	-156.22	-6478.67	1.461e+04	-9.628e+05	
						185.0	1391.16	1.015e+04	-156.22	-6478.96	157.50	5.154e+04	
189	15	7.369e+04	382.78	3.34e-03	-6.37e-03	0.0	-6.54	1502.21	-2.06	-99.76	382.78	5795.00	
		-896.90	1.77	-1.58e-04		92.5	-6.54	-35.16	-2.06	-99.48	192.27	7.369e+04	
						185.0	-6.54	-1578.62	-2.06	-99.22	1.77	-896.90	
189	17	6.759e+04	365.02	4.07e-03	-6.91e-03	0.0	-5.75	1565.70	-1.97	-168.22	365.02	-6258.91	
		-6258.91	0.69	-6.41e-05		92.5	-5.75	29.73	-1.97	-166.59	182.85	6.759e+04	
						185.0	-5.75	-1513.66	-1.97	-164.98	0.69	-987.25	
189	19	3.412e+04	1.951e+04	-0.03	0.01	0.0	924.71	9333.29	-104.88	-4304.38	1.951e+04	-1.405e+06	
		-1.405e+06	106.34	-9.37e-03		92.5	924.71	7788.98	-104.88	-4304.94	9808.12	-6.130e+05	
						185.0	924.71	6195.47	-104.88	-4305.99	106.34	3.412e+04	
189	21	3.406e+04	1.950e+04	-0.03	0.01	0.0	925.27	9377.73	-104.82	-4352.31	1.950e+04	-1.414e+06	
		-1.414e+06	105.58	-9.31e-03		92.5	925.27	7834.40	-104.82	-4351.92	9801.53	-6.173e+05	
						185.0	925.27	6240.94	-104.82	-4352.03	105.58	3.406e+04	
189	22	7.369e+04	382.78	3.34e-03	-6.37e-03	0.0	-6.54	1502.21	-2.06	-99.76	382.78	5795.00	
		-896.90	1.77	-1.58e-04		92.5	-6.54	-35.16	-2.06	-99.48	192.27	7.369e+04	
						185.0	-6.54	-1578.62	-2.06	-99.22	1.77	-896.90	
189	24	7.064e+04	373.90	3.71e-03	-6.64e-03	0.0	-6.15	1533.96	-2.01	-133.99	373.90	-231.96	
		-942.07	1.23	-1.10e-04		92.5	-6.15	-2.71	-2.01	-133.04	187.56	7.064e+04	
						185.0	-6.15	-1546.14	-2.01	-132.10	1.23	-942.07	
189	26	2.362e+04	1.377e+04	-0.02	-9.19e-03	0.0	645.34	6983.97	-74.04	-3042.99	1.377e+04	-9.820e+05	
		-9.820e+05	74.97	-6.61e-03		92.5	645.34	5441.74	-74.04	-3043.30	6923.37	-4.070e+05	
						185.0	645.34	3863.24	-74.04	-3043.96	74.97	2.362e+04	
189	28	2.359e+04	1.377e+04	-0.02	-9.34e-03	0.0	645.57	7003.01	-74.01	-3063.53	1.377e+04	-9.856e+05	
		-9.856e+05	74.64	-6.58e-03		92.5	645.57	5461.20	-74.01	-3063.44	6920.54	-4.088e+05	
						185.0	645.57	3882.73	-74.01	-3063.69	74.64	2.359e+04	
189	29	7.369e+04	382.78	3.34e-03	-6.37e-03	0.0	-6.54	1502.21	-2.06	-99.76	382.78	5795.00	
		-896.90	1.77	-1.58e-04		92.5	-6.54	-35.16	-2.06	-99.48	192.27	7.369e+04	
						185.0	-6.54	-1578.62	-2.06	-99.22	1.77	-896.90	
189	30	2.012e+04	1.186e+04	-0.02	-8.78e-03	0.0	552.21	6200.86	-63.75	-2622.53	1.186e+04	-8.409e+05	
		-8.409e+05	64.51	-5.69e-03		92.5	552.21	4659.32	-63.75	-2622.76	5961.78	-3.383e+05	
						185.0	552.21	3085.83	-63.75	-2623.28	64.51	2.012e+04	
189	31	7.186e+04	377.45	3.56e-03	-6.53e-03	0.0	-6.31	1521.26	-2.03	-120.30	377.45	2178.83	
		-924.00	1.44	-1.28e-04		92.5	-6.31	-15.69	-2.03	-119.62	189.45	7.186e+04	
						185.0	-6.31	-1559.14	-2.03	-118.95	1.44	-924.00	
189	32	2.009e+04	1.185e+04	-0.02	-8.94e-03	0.0	552.45	6219.90	-63.73	-2643.07	1.185e+04	-8.445e+05	
		-8.445e+05	64.19	-5.66e-03		92.5	552.45	4678.79	-63.73	-2642.89	5958.96	-3.402e+05	
						185.0	552.45	3105.32	-63.73	-2643.01	64.19	2.009e+04	
190	1	9.163e+04	-1.37	3.23e-03	-7.21e-03	0.0	-7.71	2004.81	2.05	128.00	-381.47	-1264.83	
		-1264.83	-381.47	1.22e-04		92.5	-7.71	2.74	2.05	127.19	-191.42	9.163e+04	
						185.0	-7.71	-2005.21	2.05	126.40	-1.37	-938.90	
190	11		7365.63	7.555e+04	0.02	-0.01	0.0	259.08	6321.07	-406.23	-1.740e+04	7.555e+04	-7.919e+05
		-7.919e+05	392.49	-0.03		92.5	259.08	4326.67	-406.23	-1.739e+04	3.797e+04	-2.992e+05	
						185.0	259.08	2294.85	-406.23	-1.738e+04	392.49	7365.63	
190	14		7582.07	7.563e+04	0.02	-0.01	0.0	260.85	5858.35	-406.68	-1.743e+04	7.563e+04	-7.916e+05
		-7.916e+05	392.77	-0.03		92.5	260.85	4325.96	-406.68	-1.741e+04	3.801e+04	-3.203e+05	
						185.0	260.85	2757.52	-406.68	-1.741e+04	392.77	7582.07	
190	15	7.049e+04	-1.06	2.48e-03	-5.55e-03	0.0	-5.94	1542.13	1.59	98.98	-295.86	-967.03	
		-967.03	-295.86	9.45e-05		92.5	-5.94	2.08	1.59	98.36	-148.46	7.049e+04	
						185.0	-5.94	-1542.50	1.59	97.75	-1.06	-722.33	
190	21		4814.02	5.032e+04	0.01	-9.74e-03	0.0	171.93	4419.64	-270.60	-1.159e+04	5.032e+04	-5.281e+05
		-5.281e+05	261.50	-0.02		92.5	171.93	2884.70	-270.60	-1.158e+04	2.529e+04	-1.900e+05	
						185.0	171.93	1324.21	-270.60	-1.157e+04	261.50	4814.02	
190	22	7.049e+04	-1.06	2.48e-03	-5.55e-03	0.0	-5.94	1542.13	1.59	98.98	-295.86	-967.03	
		-967.03	-295.86	9.45e-05		92.5	-5.94	2.08	1.59	98.36	-148.46	7.049e+04	
						185.0	-5.94	-1542.50	1.59	97.75	-1.06	-722.33	
190	28		3176.98	3.513e+04	0.01	-8.36e-03	0.0	118.44	3542.95	-188.91	-8090.75	3.513e+04	-3.674e+05
		-3.674e+05	182.52	-0.02		92.5	118.44	2006.13	-188.91	-8085.41	1.766e+04	-1.106e+05	
						185.0	118.44	450.39	-188.91	-8081.00	182.52	3176.98	
190	29	7.049e+04	-1.06	2.48e-03	-5.55e-03	0.0	-5.94	1542.13	1.59	98.98	-295.86	-967.03	
		-967.03	-295.86	9.45e-05		92.5	-5.94	2.08	1.59	98.36	-148.46	7.049e+04	
						185.0	-5.94	-1542.50	1.59	97.75	-1.06	-722.33	
190	32		2614.55	3.007e+04	9.34e-03	-7.98e-03	0.0	100.70	3260.15	-161.70	-6918.34	3.007e+04	-3.156e+05
		-3.156e+05	156.34	-0.01		92.5	100.70	1722.95	-161.70	-6913.91	1.511e+04	-8.501e+04	
						185.0	100.70	168.80	-161.70	-6910.27	156.34	2614.55	

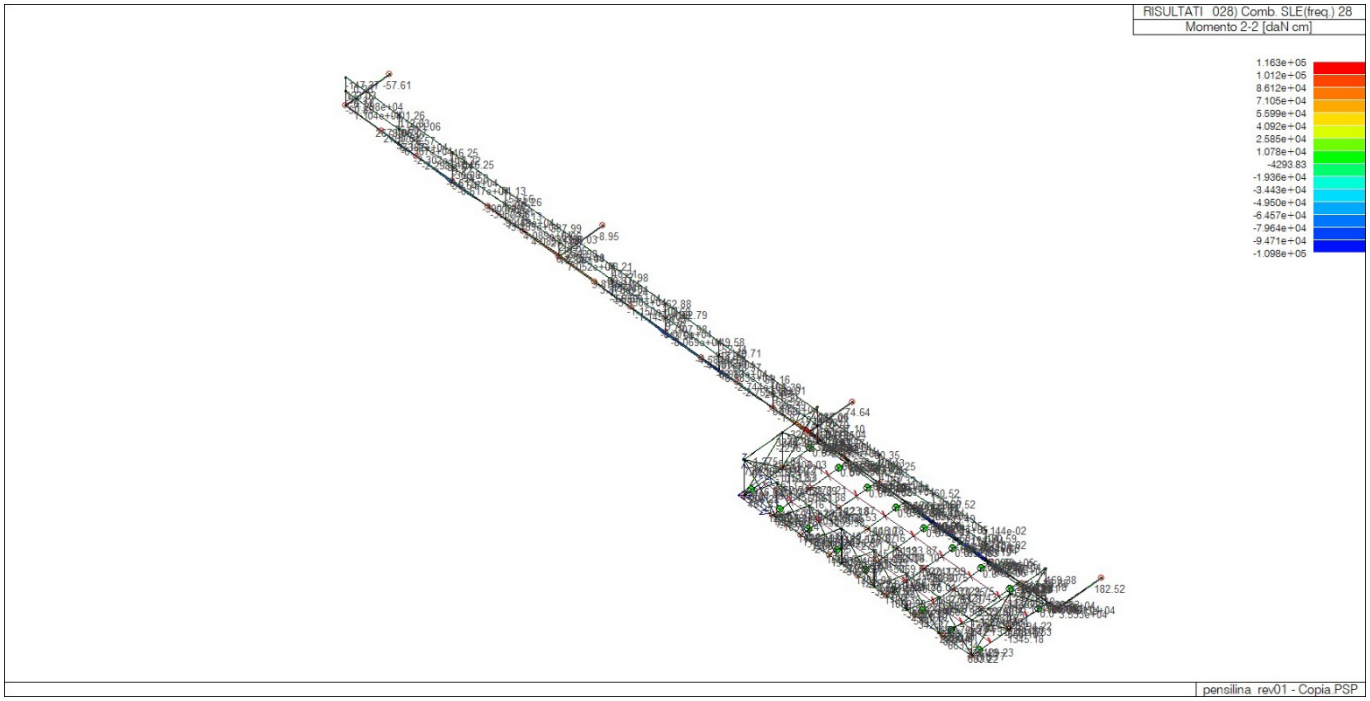
Trave f.	M3 mx/mn	M2 mx/mn	D 2 / D 3	Pt	N	V 2	V 3	T
	-2.142e+06	-2.361e+05	-0.04	-0.03	-8.49	-6809.24	-2528.08	-1.036e+06
	8.815e+05	2.493e+05	0.02	0.02	1746.18	1.395e+04	2580.69	1.043e+06



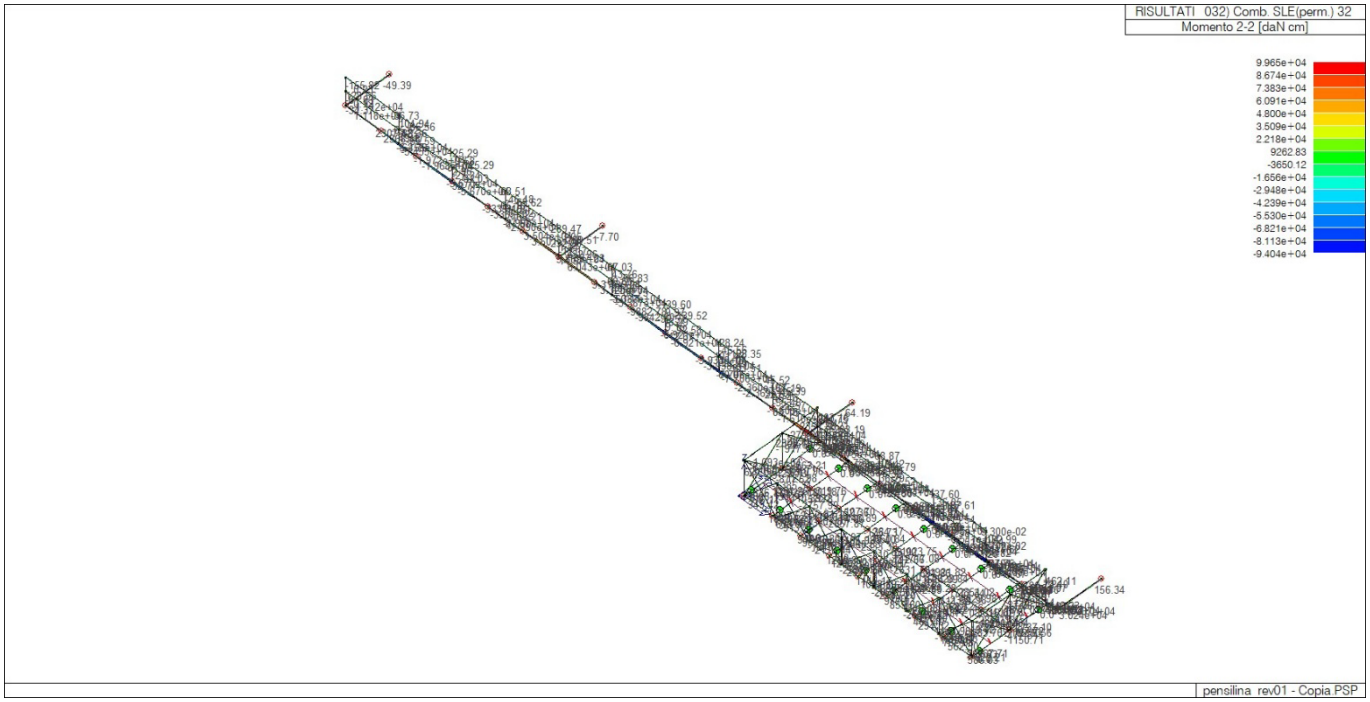
43_RIS_M2_014_Comb SLU A1 14



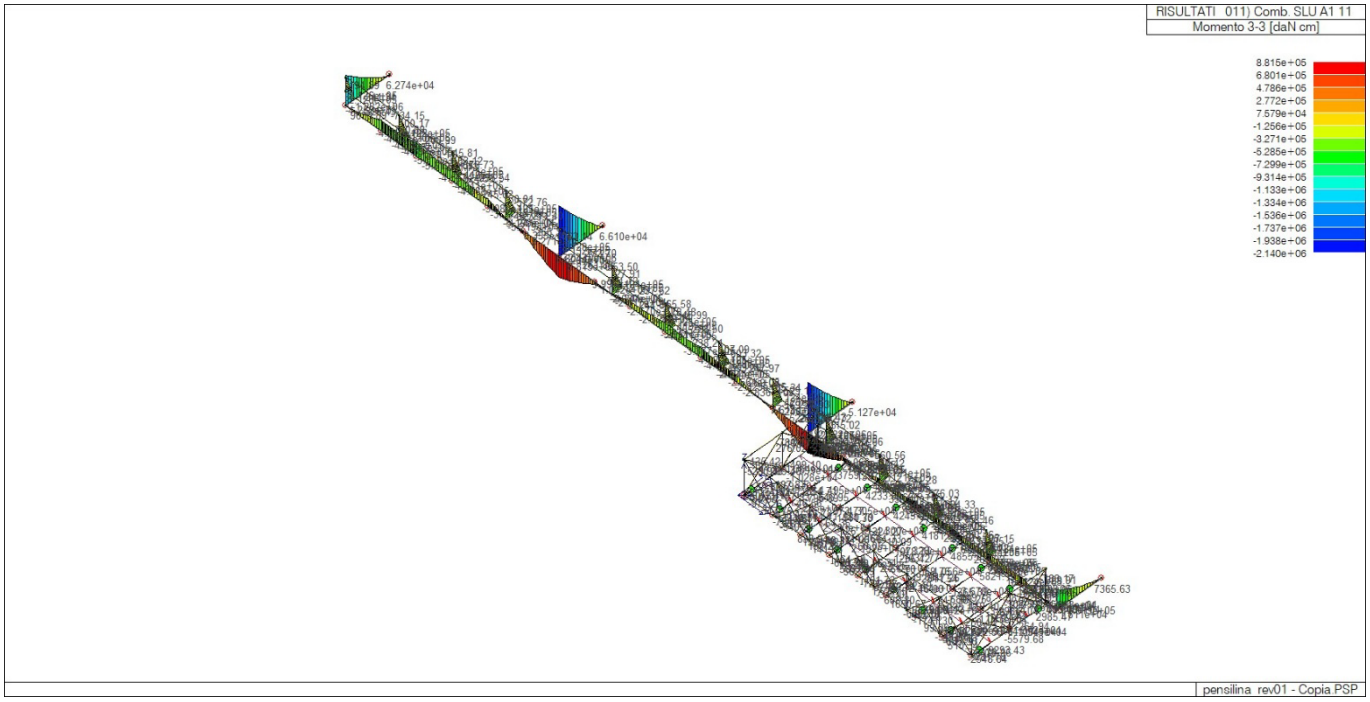
43_RIS_M2_021_Comb SLErara 21



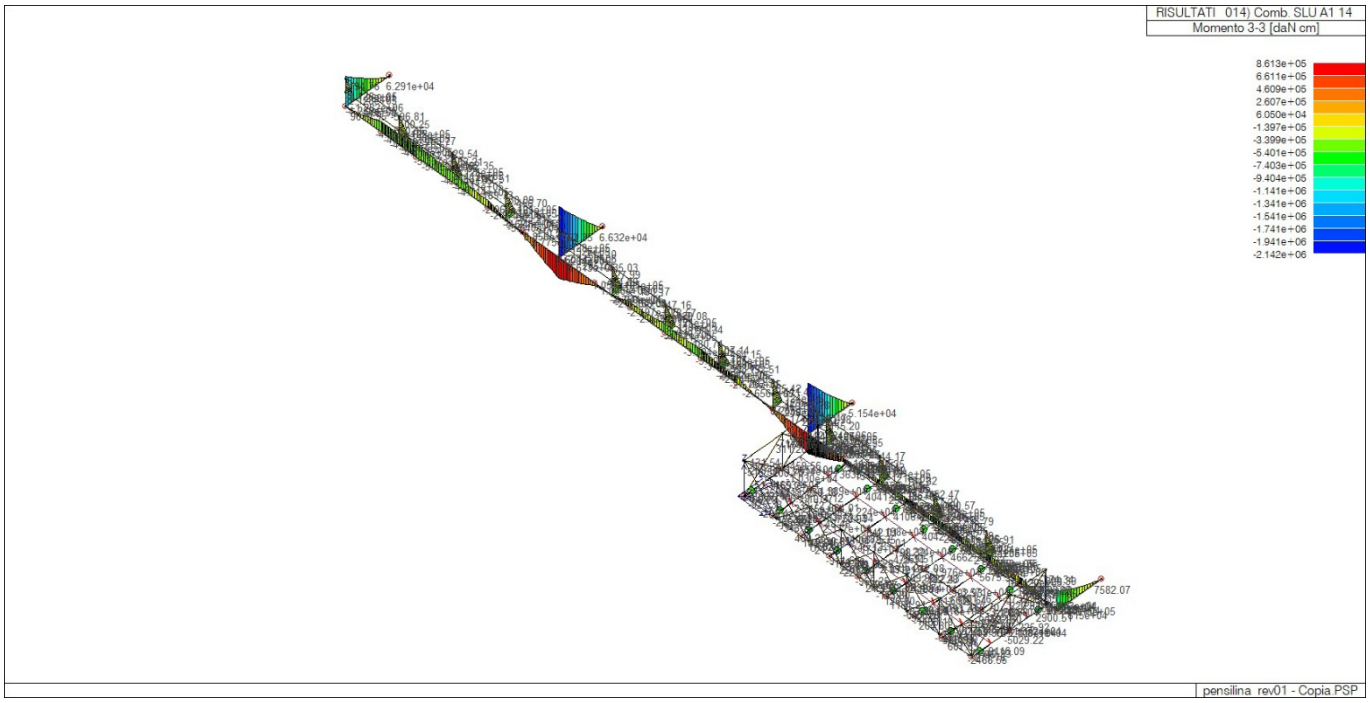
43_RIS_M2_028_Comb SLEfreq 28



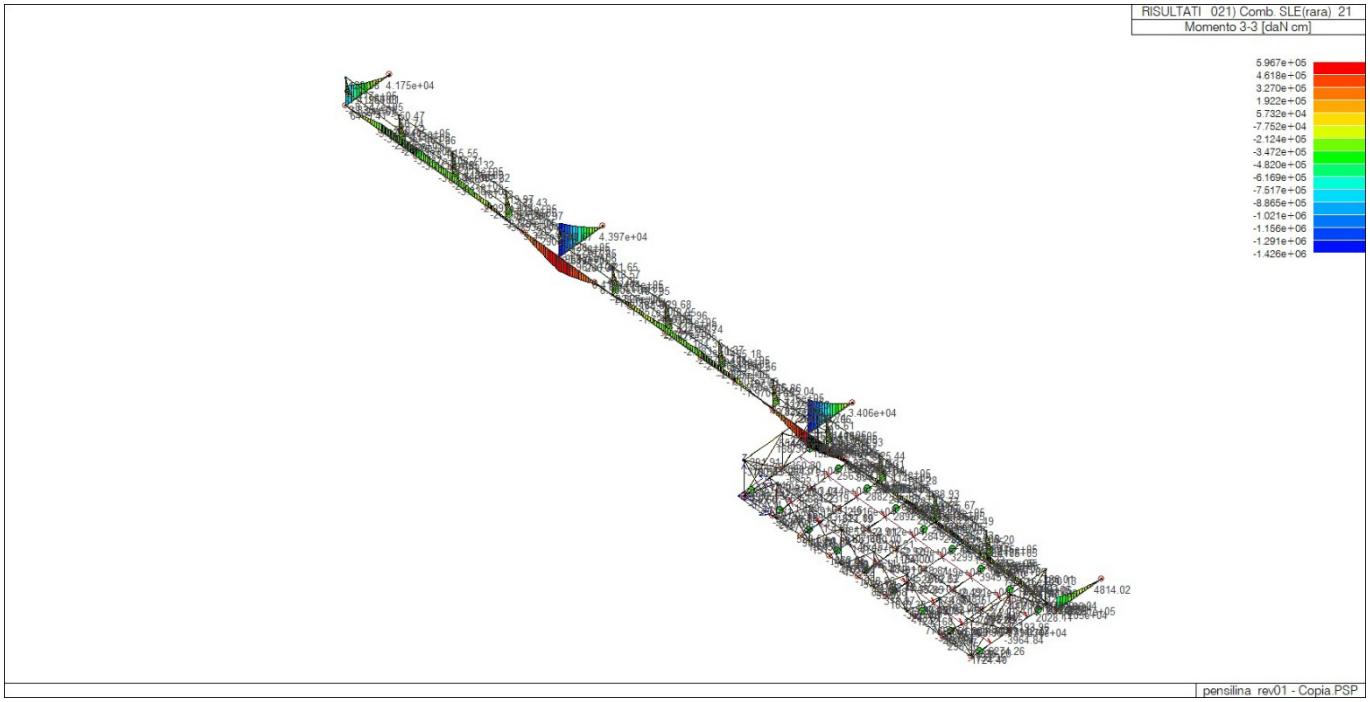
43_RIS_M2_032_Comb SLEperm 32



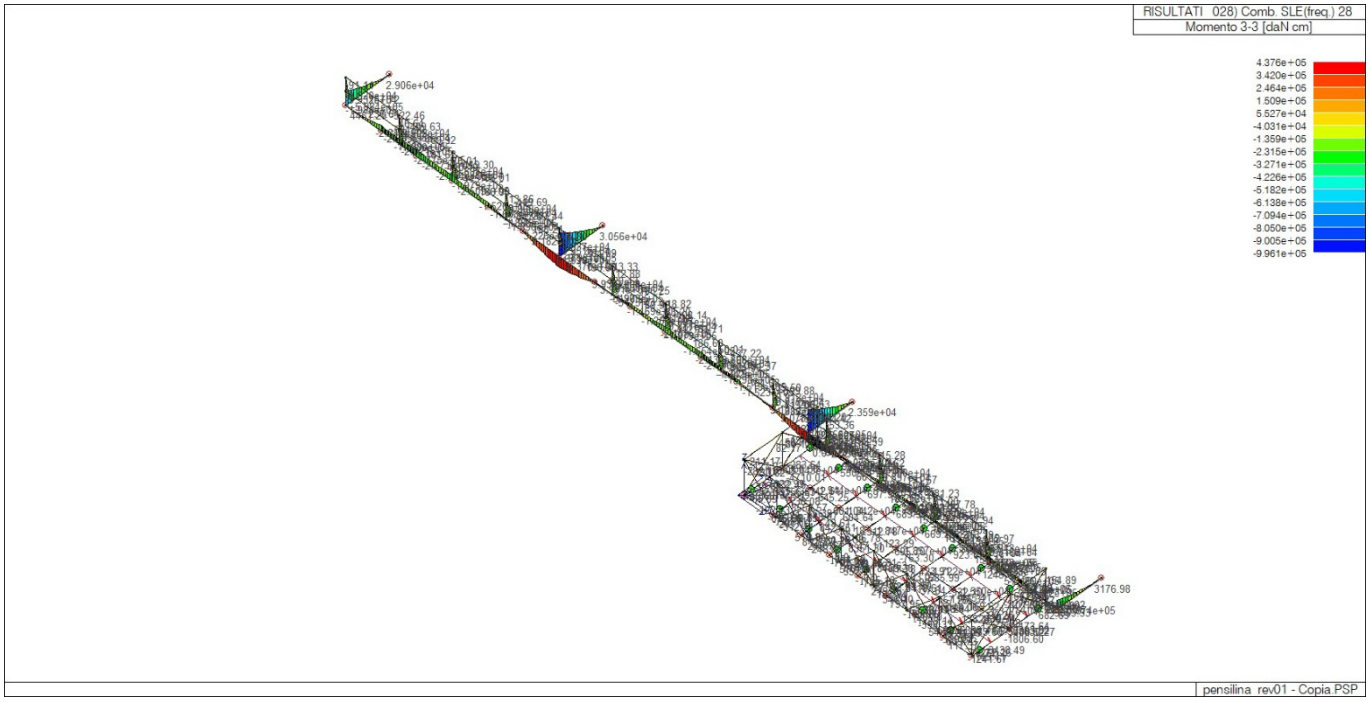
43_RIS_M3_011_Comb SLU A1 11



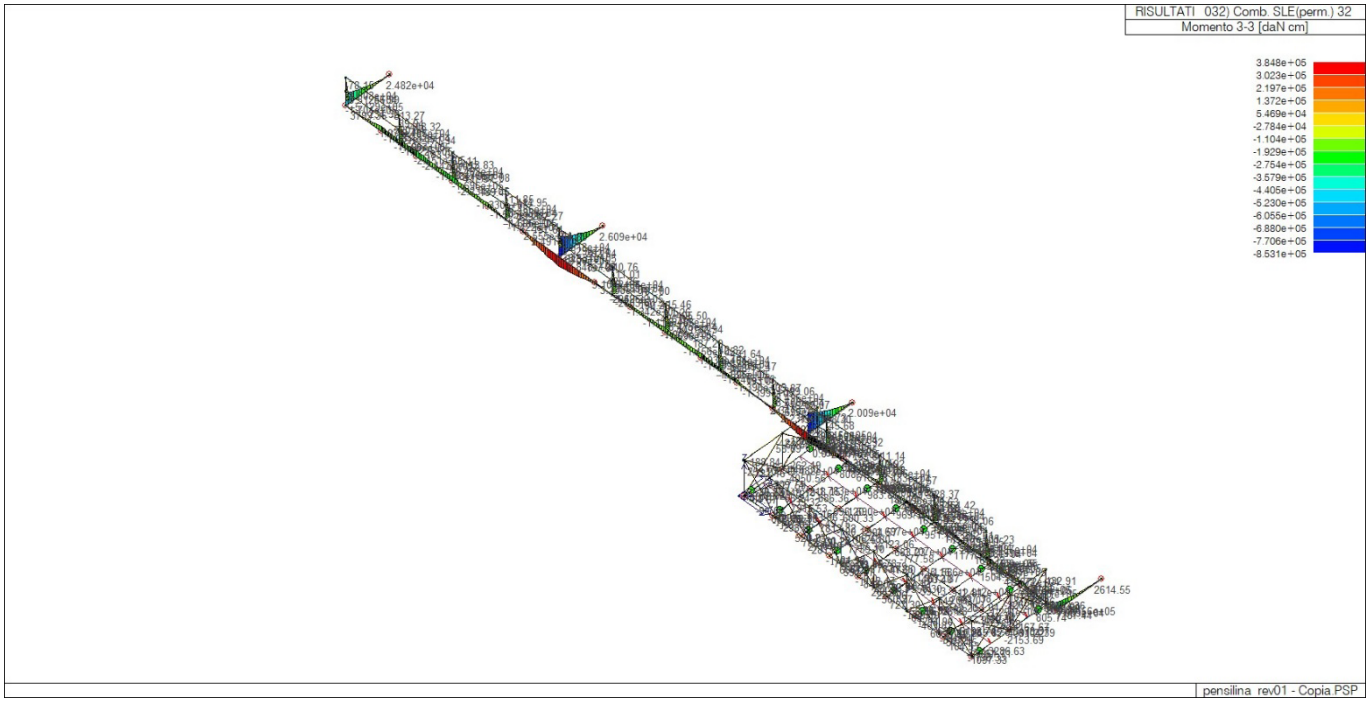
43_RIS_M3_014_Comb SLU A1 14



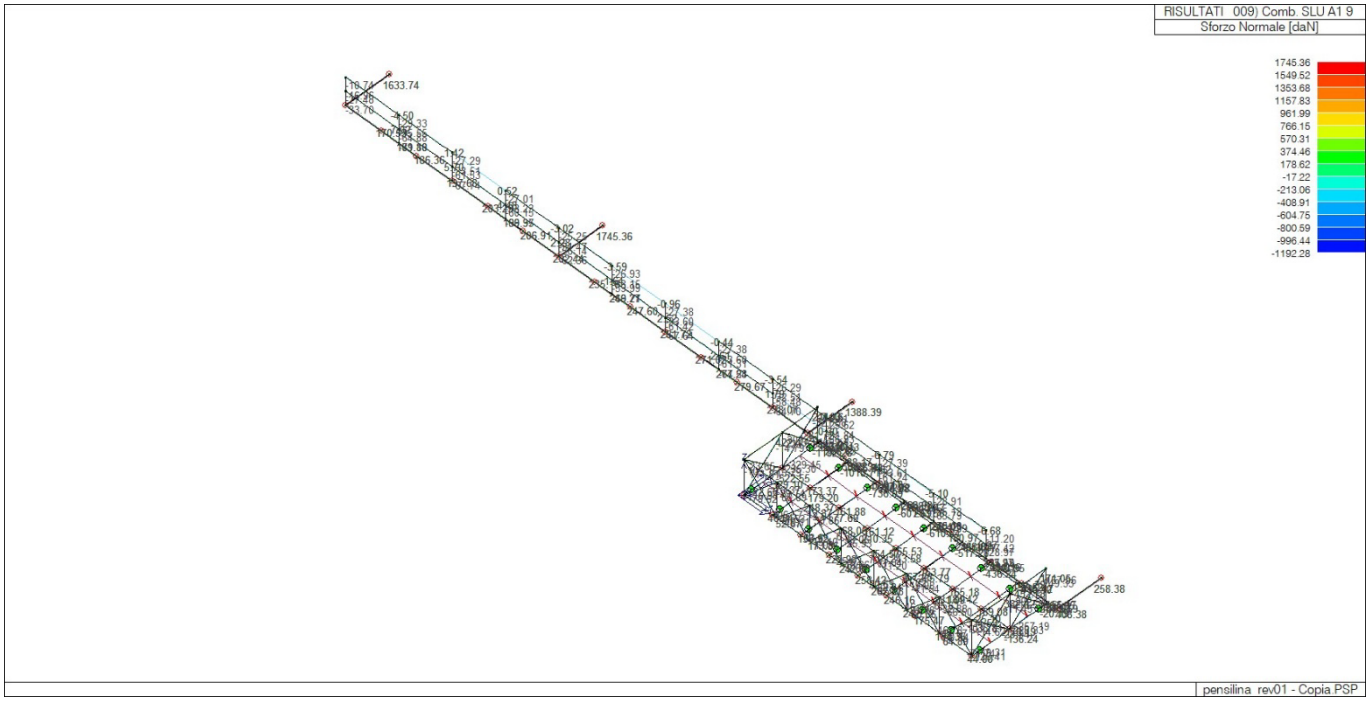
43_RIS_M3_021_Comb SLErara 21



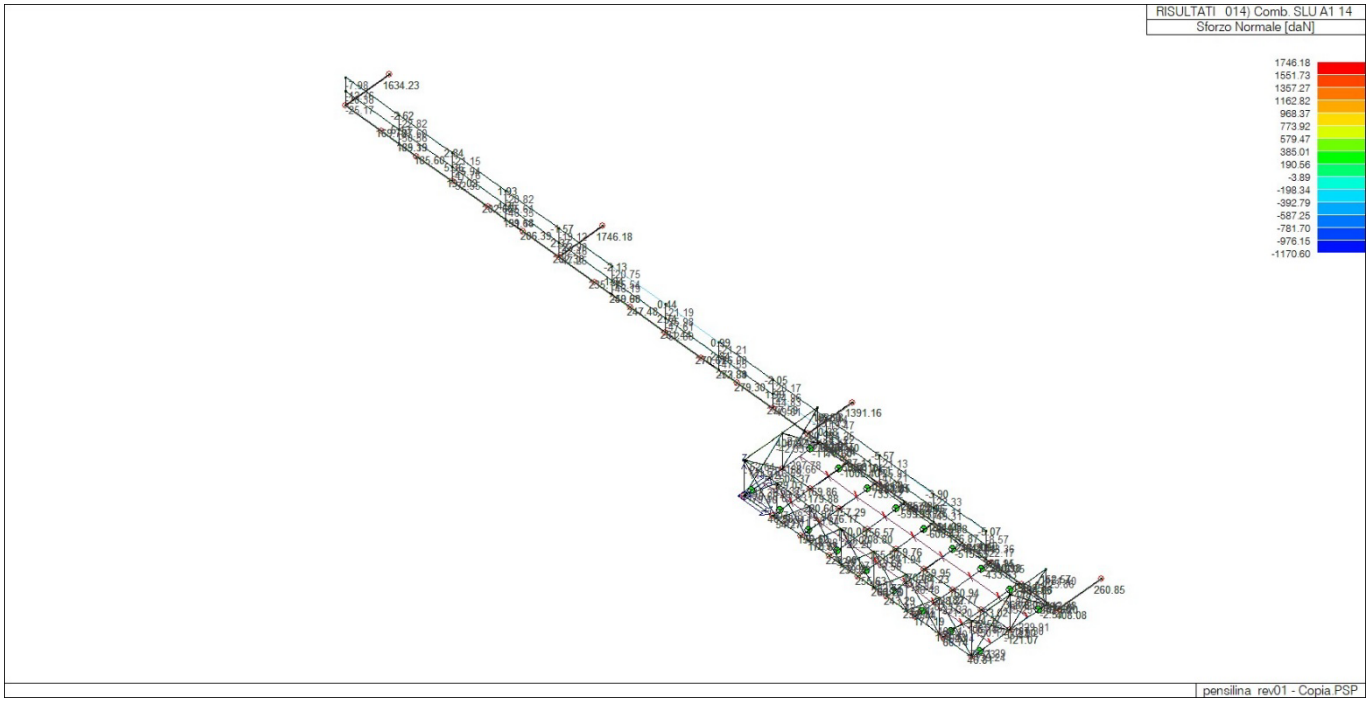
43_RIS_M3_028_Comb SLEfreq 28



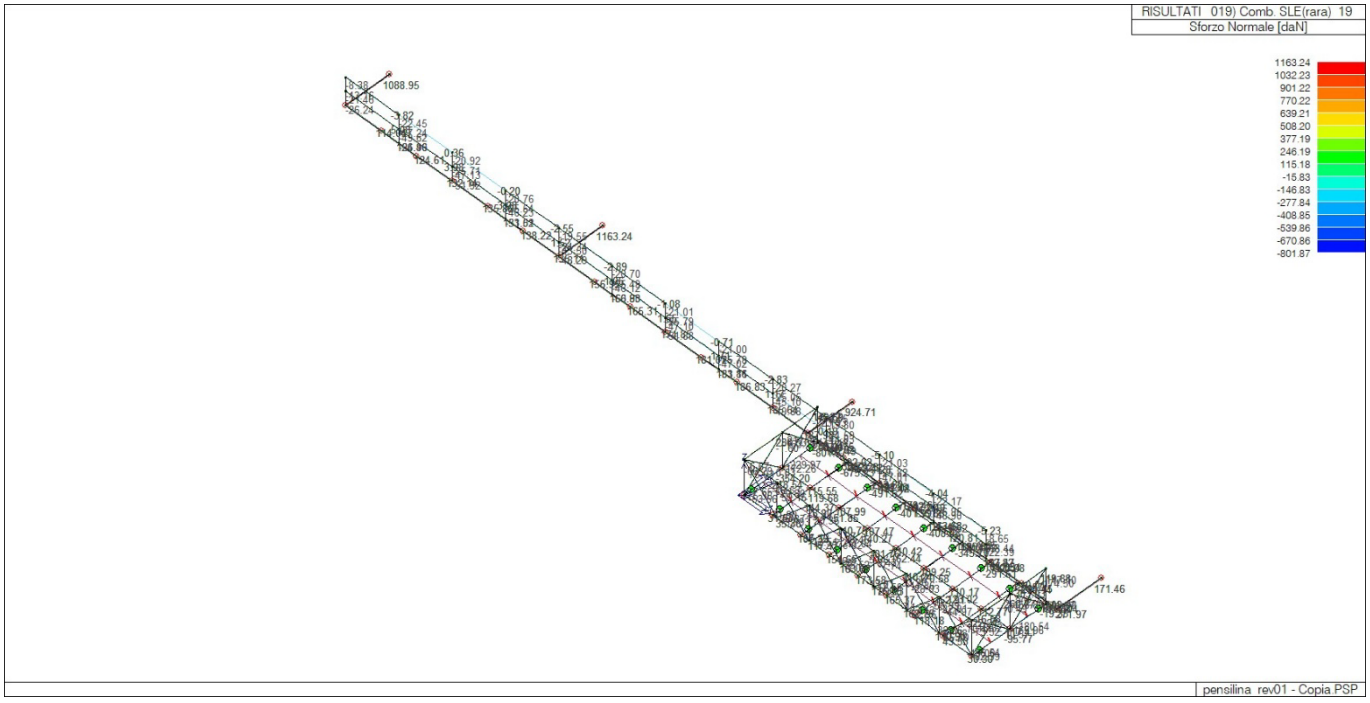
43_RIS_M3_032_Comb SLEperm 32



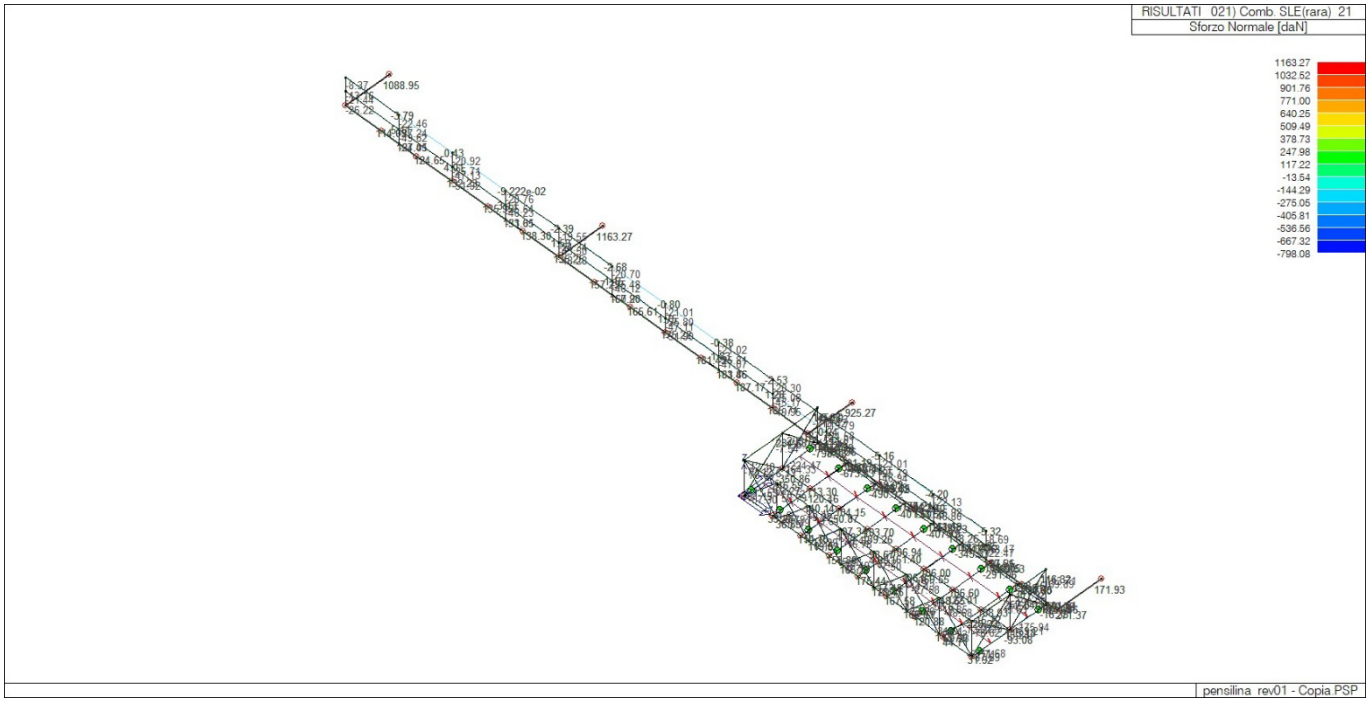
43_RIS_N_009_Comb SLU A1 9



43_RIS_N_014_Comb SLU A1 14



43_RIS_N_019_Comb SLErara 19



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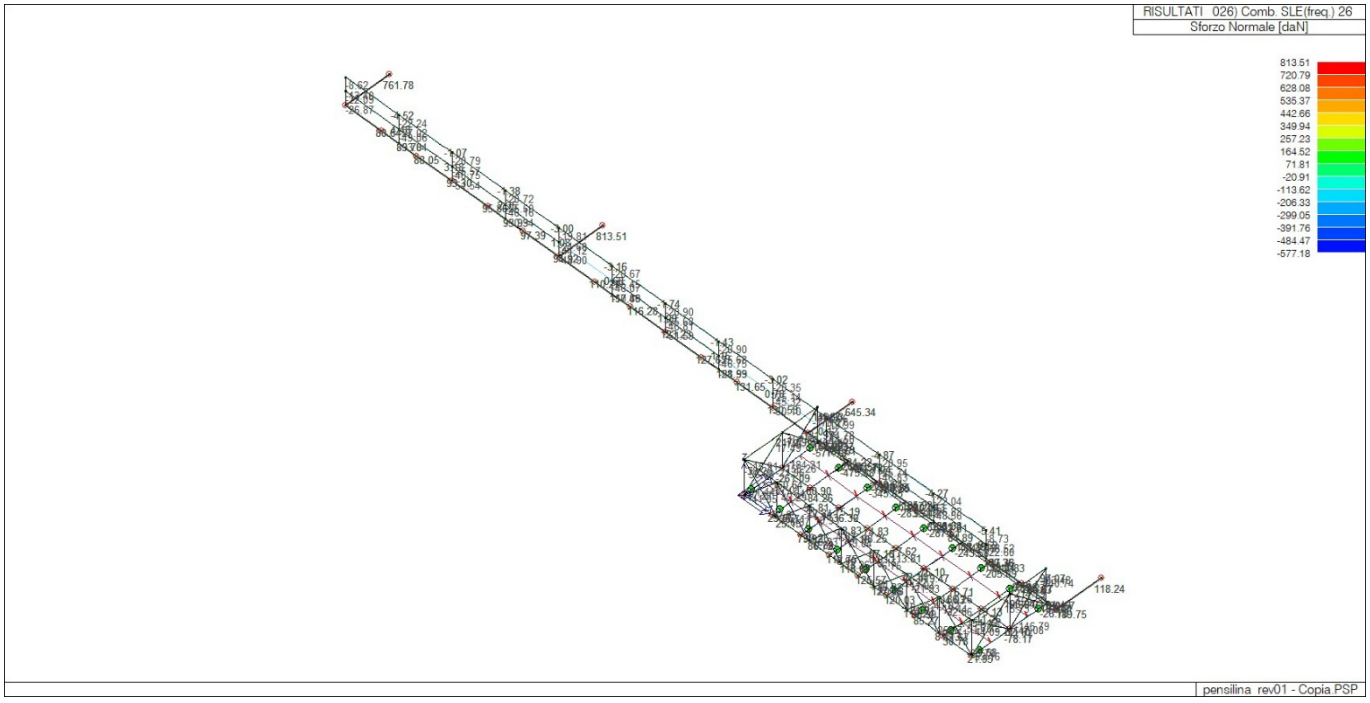
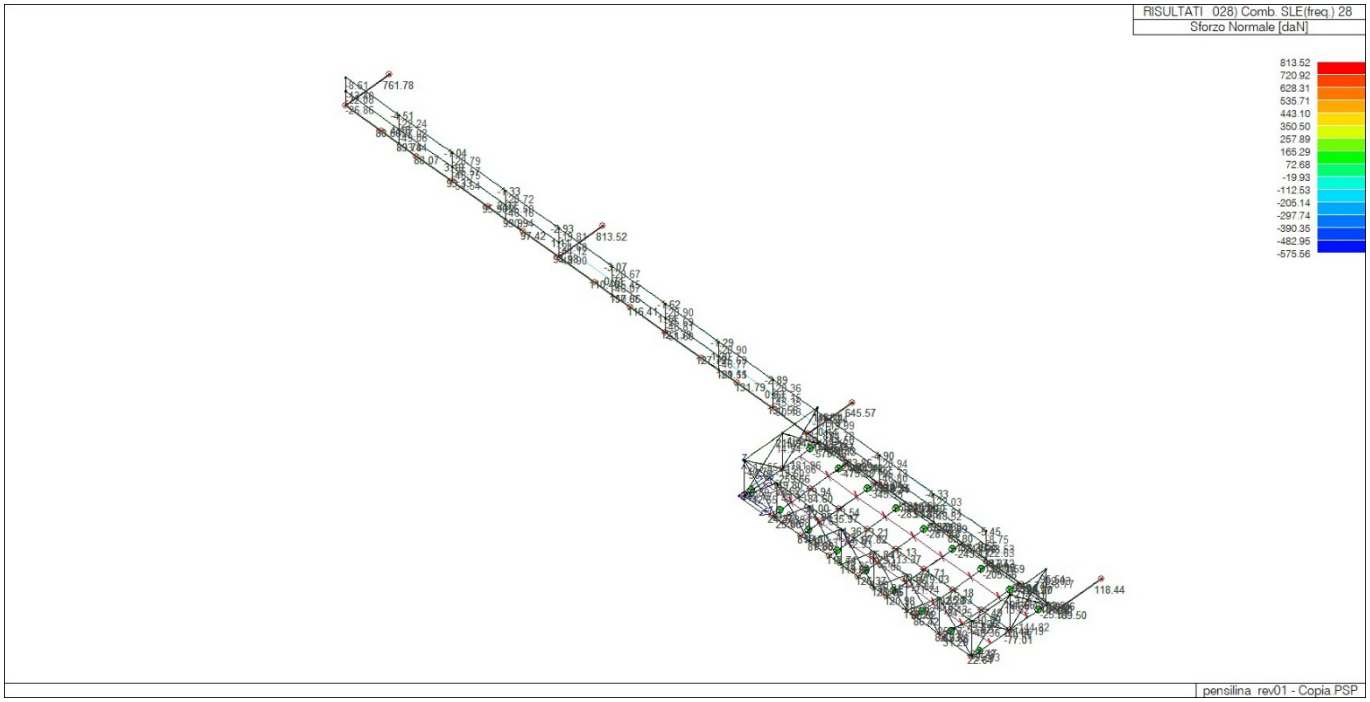
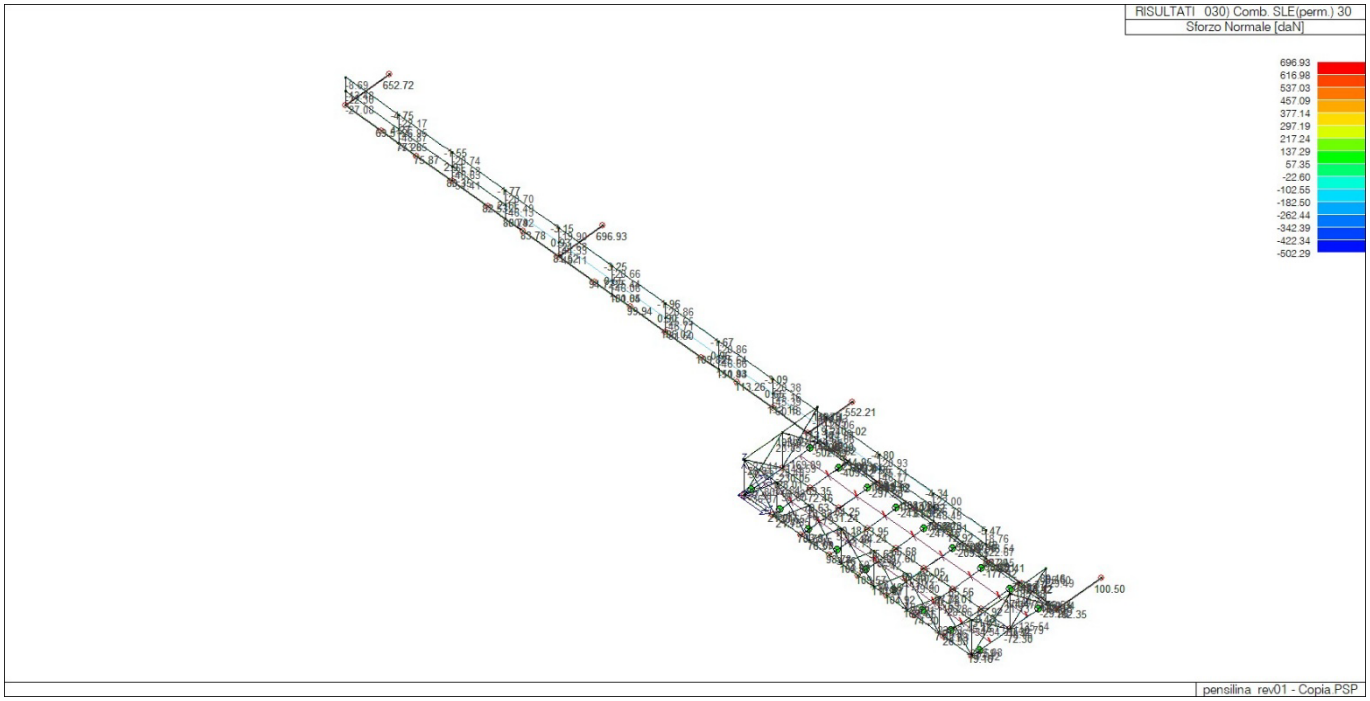


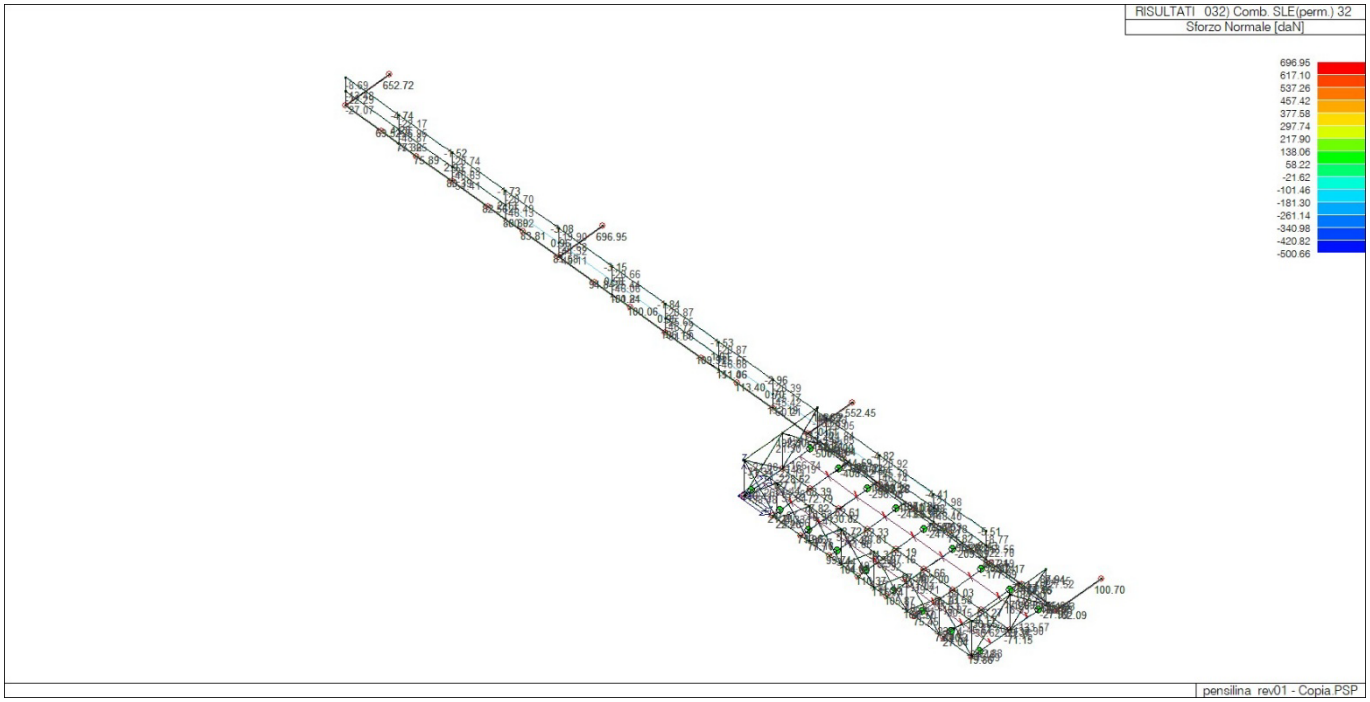
43_RIS_N_026_Comb SLEfreq 26



43_RIS_N_028_Comb SLEfreq 28



43_RIS_N_030_Comb SLEperm 30



43_RIS_N_032_Comb SLEperm 32

VERIFICHE ELEMENTI TRAVE E PILASTRO IN C.A.

LEGENDA TABELLA VERIFICHE ELEMENTI TRAVE E PILASTRO IN C.A.

In tabella vengono riportati per ogni elemento il numero identificativo ed il codice di verifica con le sigle Ok o NV.
Nel caso in cui si sia proceduto alla progettazione con il metodo degli stati limite (S.L.) vengono riportati: il rapporto x/d, le verifiche per sollecitazioni proporzionali e la verifica per compressione media con l'indicazione delle combinazioni in cui si sono attinti i rispettivi valori.
Nel caso in cui la struttura abbia comportamento dissipativo e sia prevista la progettazione con il criterio della gerarchia delle resistenze (G.R.) vengono riportate le verifiche di sovraresistenza e del nodo.

Per gli elementi di fondazione si fa riferimento al paragrafo 7.2.5 del D.M.17/01/2018 che prevede:

"Sia per CD"A" sia per CD"B" il dimensionamento delle strutture di fondazione e la verifica di sicurezza del complesso fondazione-terreno devono essere eseguiti assumendo come azione in fondazione, trasmessa dagli elementi soprastanti, una tra le seguenti:

- *quella derivante dall'analisi strutturale eseguita ipotizzando comportamento strutturale non dissipativo;*
- *[…];*
- *quella trasferita dagli elementi soprastanti nell'ipotesi di comportamento strutturale dissipativo, amplificata di un coefficiente pari a 1,30 in CD"A" e 1,10 in CD"B"*

[…]

Le strutture delle fondazioni superficiali devono essere progettate per le azioni definite al precedente capoverso, assumendo un comportamento non dissipativo; non sono quindi necessarie armature specifiche per ottenere un comportamento duttile."

Nel caso di comportamento strutturale dissipativo l'incremento delle sollecitazioni sopracitato viene eseguito come previsto dall'Eurocodice:

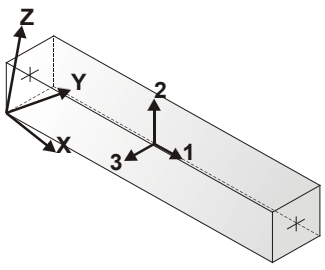
$$E_{Fd} = E_{F,G} + \gamma_{Rd} \Omega E_{F,E}$$

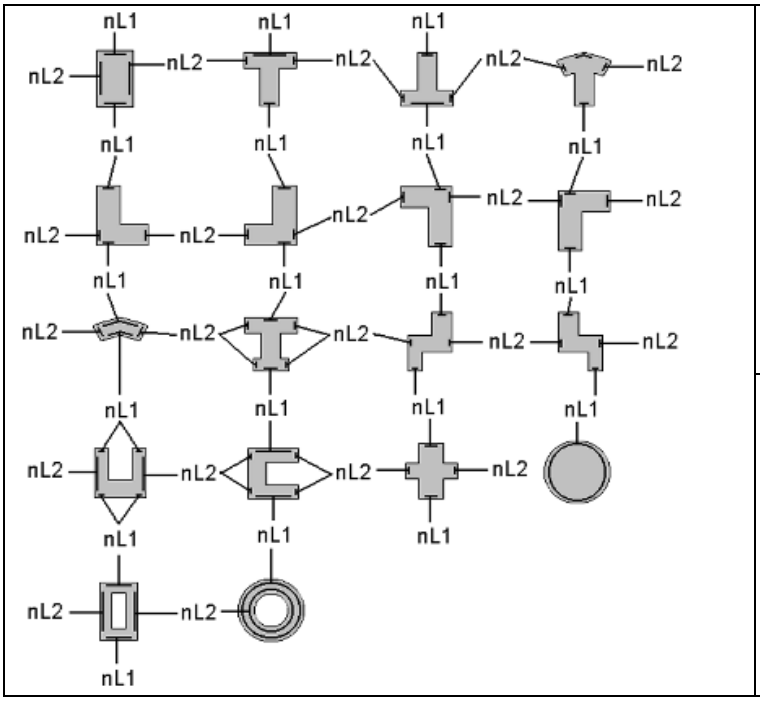
Nel contesto visualizzazione risultati e nella stampa della relazione sulle fondazioni PRO_SAP mostra le sollecitazioni che derivano dall'analisi non incrementate sia in termini di pressioni sul terreno che in termini di sollecitazioni.

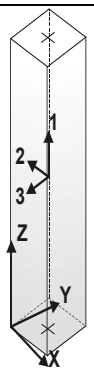
Simbologia adottata nelle tabelle di verifica

Per gli elementi tipo pilastro sono riportati numero e diametro dei ferri di vertice, numero e diametro di ferri disposti lungo i lati L1 (paralleli alla base della sezione) e lungo i lati L2 (paralleli all'altezza della sezione).
Per gli elementi tipo trave sono riportati infine le quantità di armatura inferiore e superiore.

Schema della distribuzione delle armature longitudinali

	
	Orientamento elementi 2D non verticali





Orientamento elementi 2D verticali

Per le verifiche agli S.L. dei pilastri è presente una tabella con i simboli di seguito descritti:

M_P X Y	Numero della pilastrata (P) e posizione in pianta (X,Y)
Pilas.	Numero identificativo dell'elemento D2
Note	Codici identificativi delle sezione (s) e materiale (m) pilastro
Stato	Codici relativi all'esito delle verifiche effettuate appresso descritte
Quota	Quota sezione di verifica
%Af	Percentuale di area di armatura rispetto a quella di calcestruzzo
r. snell.	Rapporto di snellezza λ su λ^*: valore superiore a 1 per elementi snelli nel caso in cui viene effettuata la verifica con il metodo diretto dello stato di equilibrio
Armat. long.	Numero e diametro (d) dei ferri di armatura longitudinale distinti in ferri di vertice + ferri di lato nelle posizioni nL1 e nL2, come da schemi in figura precedente
V N/M	Verifica a pressoflessione con rapporto Ed/Rd: valore minore o uguale a 1 per verifica positiva
V N sis	Verifica a compressione solo calcestruzzo con rapporto Nsd/Nrd ed Nrd calcolato come al punto 7.4.4.2.1: valore minore o uguale a 1 per verifica positiva
Staffe	Dati tratto di staffatura oggetto di verifica, nello specifico: numero delle braccia, diametro, passo, lunghezza L tratto
V V/T cls	Verifica a taglio/torsione con rapporto Ved/Vrd: valore minore o uguale a 1 per verifica positiva
Rif. cmb.	Riferimento combinazioni da cui si generano le verifiche più gravose per il pilastro

Per le verifiche di gerarchia delle resistenze dei pilastri è presente una tabella con i simboli di seguito descritti:

Pilas.	Numero identificativo dell'elemento D2 pilastro
sovr. Xi (Xf)	Verifica sovraresistenza come da formula 7.4.4 in direzione X, alla base (i) ed alla sommità (f): rapporto tra i momenti resistenti dei pilastri e delle travi. La verifica è positiva se maggiore del γ_{Rd} adottato
sovr. Yi (Yf)	Verifica sovraresistenza come da formula 7.4.4 in direzione Y, alla base (i) ed alla sommità (f):

	rapporto tra i momenti resistenti dei pilastri e delle travi. La verifica è positiva se maggiore del γ_{Rd} adottato
M 2-2 i (f)	Valore del momento resistente 2-2 alla base (i) ed alla sommità (f) con massimo momento in presenza dello sforzo normale di calcolo
M 3-3 i (f)	Valore del momento resistente 3-3 alla base (i) ed alla sommità (f) con massimo momento in presenza dello sforzo normale di calcolo
Luce per V	Luce di calcolo per la definizione del taglio (generato dai momenti resistenti)
V M2-2 (M3-3)	Valore del taglio generato dai momenti resistenti 2-2 (3-3)

Per le verifiche dei dettagli costruttivi relativi alla duttilità è presente una tabella con i simboli di seguito descritti:
(Non presente nel caso di comportamento strutturale non dissipativo)

Pilas	Numero identificativo D2 pilastro
ni	Sforzo assiale adimensionalizzato di progetto relativo alla combinazione sismica SLV
alfaomega	Prodotto tra il coefficiente di efficacia del confinamento e il rapporto meccanico dell'armatura trasversale di confinamento all'interno del nodo
V.7.4.29 2-2 (3-3)	Rapporto tra la domanda di staffe minima nel nodo e il rapporto meccanico dell'armatura trasversale di confinamento inserito all'interno del nodo in direzione 2 (3)
V. 7.4.29 Stato	Codici relativi all'esito della verifica 7.4.29
dmu_fi 2-2 (3-3)	Domanda in duttilità di curvatura in direzione 2 (3)
cmu_fi 2-2 (3-3)	Capacità in duttilità di curvatura in direzione 2 (3)
V. dutt. 2-2 (3-3)	Rapporto tra la domanda in duttilità di curvatura e la capacità in duttilità di curvatura in direzione 2 (3)

Per le verifiche dei nodi trave-pilastro di elementi nuovi è presente una tabella con i simboli di seguito descritti:

Nodo	Numero identificativo del nodo trave-pilastro
Stato	Esito delle verifiche
Pilastro	Numero identificativo D2 pilastro
Diam st	Diametro staffe nodo
Passo	Passo staffe nodo
n. br. 2 (3)	Numero braccia staffe per il taglio in direzione 2 (3)
Bj2 (3)	Larghezza effettiva del nodo per il taglio in direzione 2 (3)
Hjc2 (3)	Distanza tra le giaciture più esterne delle armature del pilastro per il taglio in direzione 2 (3)
V. 7.4.8	Rapporto tra il taglio Vjbd e il taglio resistente come da formula 7.4.8
V. Ash	Rapporto tra il passo staffe calcolato secondo il capitolo 7.4.4.3.1. e il passo staffe effattivamente inserita nel nodo. Nel caso di valore indica passo staffe utilizzato deriva dalle formule presenti nel paragrafo 7.4.4.3.1. Nel caso di valore minore di 1 il passo staffe utilizzato deriva del pilastro superiore o inferiore al nodo
7.4.10	Check passo staffe valutato in funzione della formula 7.4.10: • SI il passo staffe è calcolato utilizzando la formula 7.4.10; • NO il passo staffe è calcolato utilizzando le formule 7.4.11 e/o 7.4.12; • NR calcolo passo staffe non richiesto;
Rif. comb.	Riferimento combinazioni da cui si generano le verifiche più gravose per il nodo

Per le verifiche dei nodi trave-pilastro di elementi esistenti è presente una tabella con i simboli di seguito descritti:

Pilastro I	Numero identificativo D2 del pilastro inferiore.
Pilastro S	Numero identificativo D2 del pilastro superiore.
Nodo	Numero identificativo del nodo trave-pilastro.
SL cod	Stato limite di riferimento e relativo esito delle verifiche.
ver. (+)	Coefficiente di sicurezza, calcolato come rapporto D/C, nei riguardi della verifica di resistenza a

	trazione
V +	Azione di Taglio presente al di sopra del nodo nella verifica di resistenza a trazione
V + af s	Sollecitazione di trazione presente nell' armatura longitudinale superiore della trave nella verifica di resistenza a trazione
N +	Azione Assiale presente al di sopra del nodo nella verifica di resistenza a trazione
ver. (-)	Coefficiente di sicurezza, calcolato come rapporto D/C, nei riguardi della verifica di resistenza a compressione
V -	Azione di Taglio presente al di sopra del nodo nella verifica di resistenza a compressione
V - af s	Sollecitazione di trazione presente nell' armatura longitudinale superiore della trave nella verifica di resistenza a compressione
N -	Azione Assiale presente al di sopra del nodo nella verifica di resistenza a compressione
AreaV2	Area resistente del nodo in direzione 2 ($A_{j2}=b_{j2}*h_{jc2}$).
AreaV3	Area resistente del nodo in direzione 3 ($A_{j3}=b_{j3}*h_{jc3}$).
Rif. comb.	Combinazione (direzione) di riferimento nella verifica di trazione.

Per le verifiche agli S.L. delle travi è presente una tabella con i simboli di seguito descritti:

M_T Z P P	Numero della travata (T), quota media (Z), n° pilastrata iniziale (P) e finale (P) (nodo in assenza di pilastrata)
Trave	Numero identificativo dell'elemento D2
Note	Codici identificativi sezione (s) e materiale (m) trave; sono inoltre presenti le sigle relative all'esito delle verifiche effettuate appresso descritte
%Af	Percentuale di area di armatura rispetto a quella di calcestruzzo
Af inf.	Area di armatura longitudinale posta all'intradosso
Af sup	Area di armatura longitudinale posta all'estradosso
Af long.	Area complessiva armatura longitudinale
x/d	Rapporto tra posizione dell'asse neutro e altezza utile
V N/M	Verifica a pressoflessione rapporto Ed/Rd: valore minore o uguale a 1 per verifica positiva
Staffe	Dati tratto di staffatura oggetto di verifica, nello specifico: numero delle braccia, diametro, passo, lunghezza L tratto
V V/T cls	Verifica a taglio/torsione con rapporto Ved/Vrd: valore minore o uguale a 1 per verifica positiva
Rif. cmb.	Riferimento combinazioni da cui si generano le verifiche più gravose per la trave

Per le verifiche di gerarchia delle resistenze delle travi è presente una tabella con i simboli di seguito descritti:

Trave	Numero identificativo dell'elemento D2 trave
M negativo i (f)	Valore del momento resistente negativo all' estremità iniziale i (finale f) della trave
M positivo i (f)	Valore del momento resistente positivo all' estremità iniziale i (finale f) della trave
Luce per V	Luce di calcolo per la definizione del taglio (generato dai momenti resistenti)
V M-i M+f	Taglio generato dai momenti resistenti negativo i e positivo f
V M+i M-f	Taglio generato dai momenti resistenti positivo i e negativo f
VEd, min	Valore di taglio minimo per verifica condizioni p.to 7.4.4.1.1 armatura diagonale (solo per CD "A")
VEd, max	Valore di taglio massimo per verifica condizioni p.to 7.4.4.1.1 armatura diagonale (solo per CD "A")
Vr1	Valore di taglio come da formula 7.4.1 per armatura diagonale (solo per CD "A")
As	Area singolo ordine armature diagonali come da formula 7.4.2 (solo per CD "A")

Per le verifiche a taglio ciclico di travi e pilastri esistenti è presente una tabella con i simboli di seguito descritti:

Trave/Pilastro	Numero identificativo dell'elemento D2 trave/pilastro
V. SLV	Codice relativo all'esito delle verifiche

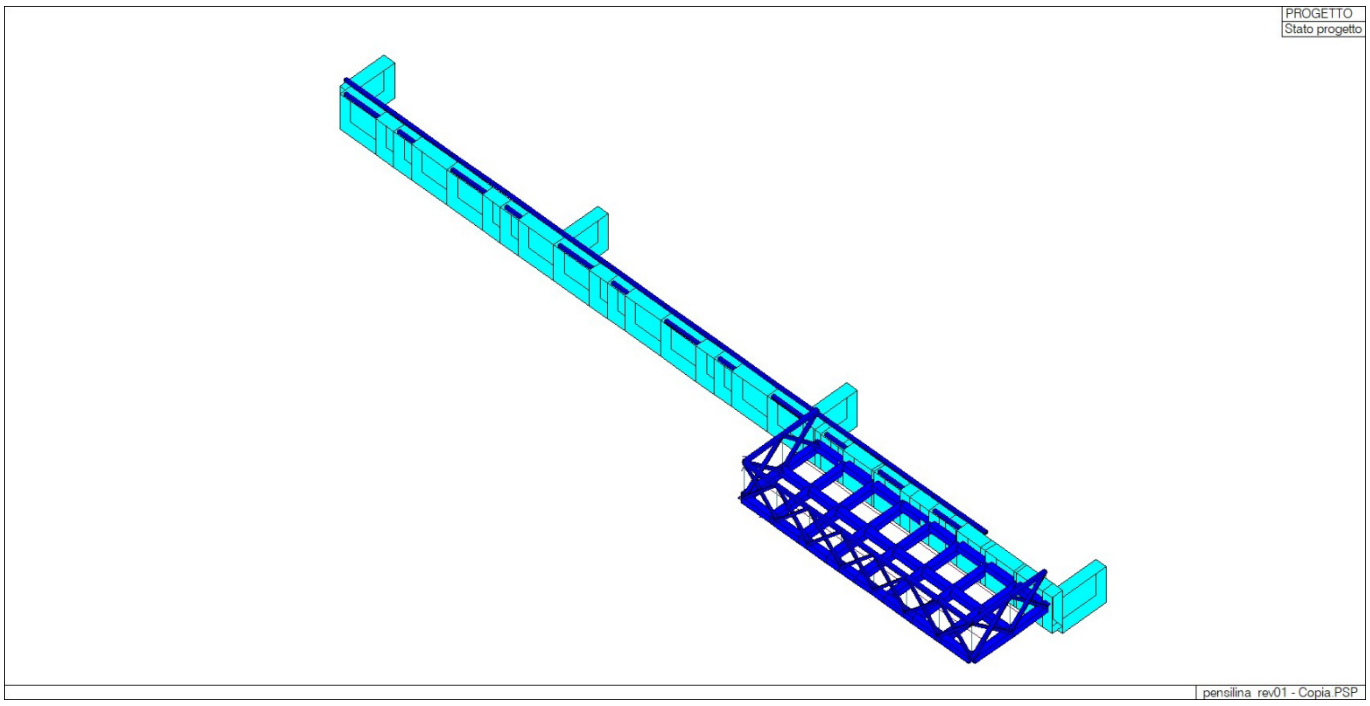
Nodo	Numero identificativo del nodo di verifica
Ver. VC	Fattore di sicurezza nei confronti della verifica a taglio ciclico (verificato se < 1.00)
Direz.	Direzione di verifica
N fr	Valore di sforzo normale calcolato con fattore di comportamento fragile
V fr	Valore di taglio calcolato con fattore di comportamento fragile
M fr	Valore di momento calcolato con fattore di comportamento fragile
N dutt	Valore di sforzo normale calcolato con fattore di comportamento duttile
LV	Lunghezza di taglio
Mud,pl	Parte plastica della domanda di duttilità
V cic	Resistenza a taglio in condizioni cicliche (C8.7.2.8)
Cmb	Riferimento combinazioni da cui si generano le verifiche più gravose

							M_T= 10	Z=0.0	P=13	P=25		
Trave	Note	Pos. cm	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe L=cm	Rif. cmb
147	ok,ok	0.0	0.23	15.7	15.7	9.2	0.05	1.12e-03	0.16	0.56	2d10/15 L=150	14,8,14
	s=1,m=3	75.0	0.23	15.7	15.7	9.2	0.05	0.02	0.17	0.59	2d10/15 L=150	14,4,11
		150.0	0.23	15.7	15.7	9.2	0.05	0.05	0.18	0.62	2d10/15 L=150	11,4,11
151	ok,ok	0.0	0.23	15.7	15.7	9.2	0.05	0.05	0.16	0.51	2d10/15 L=75	11,4,11
	s=1,m=3	37.5	0.23	15.7	15.7	9.2	0.05	0.05	0.15	0.50	2d10/15 L=75	11,4,11
		75.0	0.23	15.7	15.7	9.2	0.05	0.05	0.16	0.50	2d10/15 L=75	14,4,11
149	ok,ok	0.0	0.23	15.7	15.7	0.0	0.05	0.05	0.10	5.23e-03	2d10/15 L=75	14,11,11
	s=1,m=3	37.5	0.23	15.7	15.7	0.0	0.05	0.06	0.10	0.01	2d10/15 L=75	11,11,11
		75.0	0.23	15.7	15.7	0.0	0.05	0.06	0.11	0.02	2d10/15 L=75	11,11,11
155	ok,ok	0.0	0.23	15.7	15.7	0.0	0.05	0.06	0.09	0.02	2d10/15 L=150	11,11,11
	s=1,m=3	75.0	0.23	15.7	15.7	0.0	0.05	0.05	0.08	3.24e-03	2d10/15 L=150	11,11,14
		150.0	0.23	15.7	15.7	0.0	0.05	0.06	0.09	0.01	2d10/15 L=150	9,11,1
153	ok,ok	0.0	0.23	15.7	15.7	0.0	0.05	0.06	0.08	0.02	2d10/15 L=150	9,9,11
	s=1,m=3	75.0	0.23	15.7	15.7	0.0	0.05	0.04	0.07	8.85e-03	2d10/15 L=150	9,12,11
		150.0	0.23	15.7	15.7	0.0	0.05	0.04	0.06	0.01	2d10/15 L=150	9,9,1
158	ok,ok	0.0	0.23	15.7	15.7	0.0	0.05	0.04	0.10	0.03	2d10/15 L=75	9,11,11
	s=1,m=3	37.5	0.23	15.7	15.7	0.0	0.05	0.02	0.10	0.03	2d10/15 L=75	9,11,11
		75.0	0.23	15.7	15.7	0.0	0.05	6.61e-03	0.09	0.02	2d10/15 L=75	12,11,11
157	ok,ok	0.0	0.23	15.7	15.7	0.0	0.05	6.64e-03	0.22	0.02	2d10/15 L=75	12,11,11
	s=1,m=3	37.5	0.23	15.7	15.7	0.0	0.05	3.57e-03	0.21	0.01	2d10/15 L=75	11,14,14
		75.0	0.23	15.7	15.7	0.0	0.05	0.01	0.21	0.01	2d10/15 L=75	14,14,1
163	ok,ok	0.0	0.23	15.7	15.7	9.2	0.05	0.01	0.18	0.61	2d10/15 L=150	14,4,11
	s=1,m=3	75.0	0.23	15.7	15.7	9.2	0.05	0.06	0.17	0.58	2d10/15 L=150	11,4,11
		150.0	0.23	15.7	15.7	9.2	0.05	0.10	0.16	0.56	2d10/15 L=150	11,8,14
161	ok,ok	0.0	0.23	15.7	15.7	12.3	0.05	0.10	0.20	0.68	2d10/15 L=150	11,8,14
	s=1,m=3	75.0	0.23	15.7	15.7	12.3	0.05	0.06	0.20	0.71	2d10/15 L=150	11,4,11
		150.0	0.23	15.7	15.7	12.3	0.05	0.01	0.21	0.74	2d10/15 L=150	14,4,11
167	ok,ok	0.0	0.23	15.7	15.7	12.3	0.05	0.01	0.18	0.60	2d10/15 L=75	14,8,14
	s=1,m=3	37.5	0.23	15.7	15.7	12.3	0.05	6.45e-03	0.19	0.61	2d10/15 L=75	11,8,14
		75.0	0.23	15.7	15.7	12.3	0.05	2.74e-03	0.19	0.62	2d10/15 L=75	14,4,11
165	ok,ok	0.0	0.23	15.7	15.7	0.0	0.05	2.72e-03	0.14	0.02	2d10/15 L=75	14,11,11
	s=1,m=3	37.5	0.23	15.7	15.7	0.0	0.05	0.01	0.15	0.02	2d10/15 L=75	11,11,11
		75.0	0.23	15.7	15.7	0.0	0.05	0.03	0.15	0.03	2d10/15 L=75	11,11,11
172	ok,ok	0.0	0.23	15.7	15.7	0.0	0.05	0.03	0.12	0.01	2d10/15 L=150	11,11,1
	s=1,m=3	75.0	0.23	15.7	15.7	0.0	0.05	0.03	0.12	6.49e-03	2d10/15 L=150	11,11,11
		150.0	0.23	15.7	15.7	0.0	0.05	0.05	0.13	0.02	2d10/15 L=150	11,11,11
169	ok,ok	0.0	0.23	15.7	15.7	0.0	0.05	0.05	0.03	0.01	2d10/15 L=150	11,9,9
	s=1,m=3	75.0	0.23	15.7	15.7	0.0	0.05	0.04	0.02	6.23e-04	2d10/15 L=150	11,9,3
		150.0	0.23	15.7	15.7	0.0	0.05	0.05	0.03	0.01	2d10/15 L=150	11,9,3
176	ok,ok	0.0	0.23	15.7	15.7	0.0	0.05	0.05	0.05	0.02	2d10/15 L=75	11,9,9
	s=1,m=3	37.5	0.23	15.7	15.7	0.0	0.05	0.04	0.05	0.01	2d10/15 L=75	11,9,9
		75.0	0.23	15.7	15.7	0.0	0.05	0.03	0.04	6.62e-03	2d10/15 L=75	11,9,9
174	ok,ok	0.0	0.23	15.7	15.7	0.0	0.05	0.03	0.16	6.12e-03	2d10/15 L=75	11,9,9
	s=1,m=3	37.5	0.23	15.7	15.7	0.0	0.05	0.03	0.16	6.12e-03	2d10/15 L=75	11,12,3
		75.0	0.23	15.7	15.7	0.0	0.05	0.03	0.16	0.01	2d10/15 L=75	11,9,3
179	ok,ok	0.0	0.23	15.7	15.7	0.0	0.05	0.03	0.18	0.03	2d10/15 L=150	11,9,9
	s=1,m=3	75.0	0.23	15.7	15.7	0.0	0.05	5.31e-03	0.17	0.02	2d10/15 L=150	8,9,9

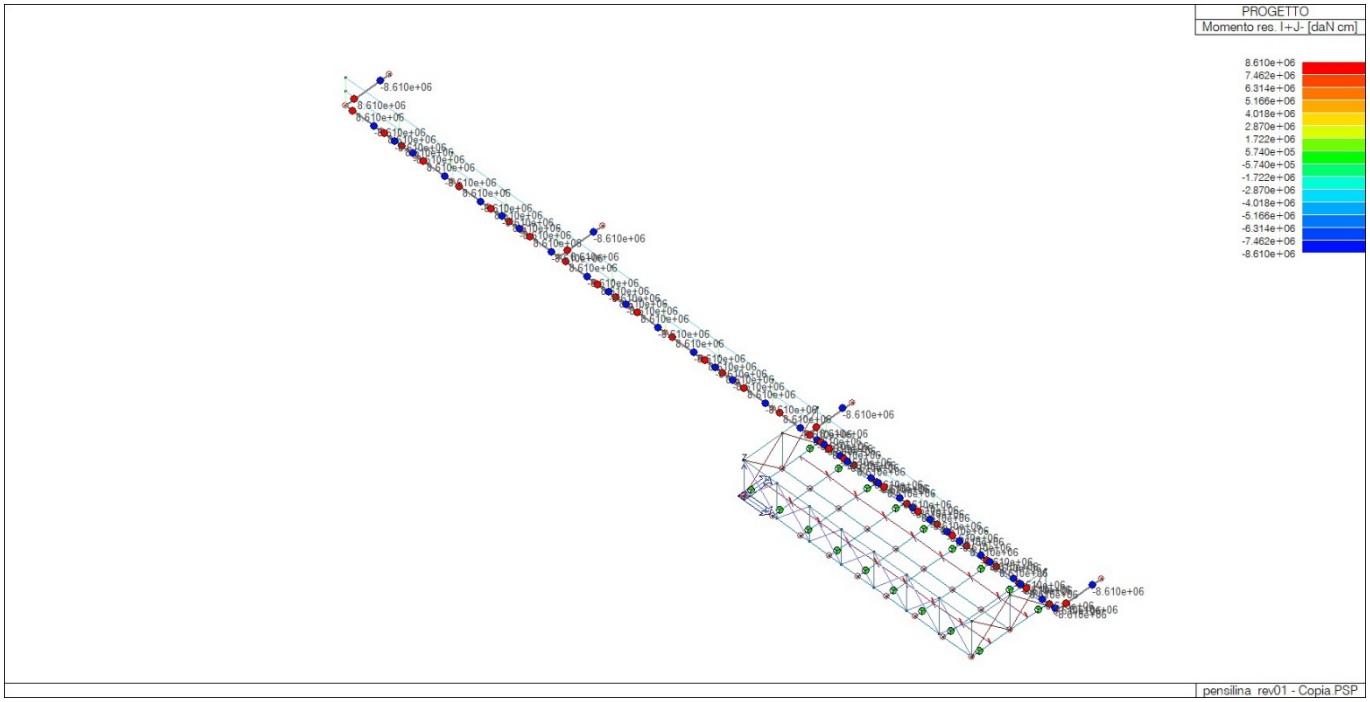
		150.0	0.23	15.7	15.7	0.0	0.05	0.01	0.17	9.85e-03	2d10/15 L=150	12,12,3
178	ok,ok	0.0	0.23	15.7	15.7	12.3	0.05	0.01	0.23	0.81	2d10/15 L=150	12,9,11
s=1,m=3		75.0	0.23	15.7	15.7	12.3	0.05	0.06	0.23	0.78	2d10/15 L=150	9,9,11
		150.0	0.23	15.7	15.7	12.3	0.05	0.10	0.22	0.76	2d10/15 L=150	9,12,14
30	ok,ok	0.0	0.23	15.7	15.7	12.3	0.05	0.10	0.22	0.76	2d10/15 L=50	9,14,14
s=1,m=3		25.0	0.23	15.7	15.7	12.3	0.05	0.09	0.22	0.77	2d10/15 L=50	9,14,14
		50.0	0.23	15.7	15.7	12.3	0.05	0.08	0.22	0.77	2d10/15 L=50	11,14,14
148	ok,ok	0.0	0.23	15.7	15.7	12.3	0.05	0.08	0.23	0.77	2d10/15 L=25	11,14,14
s=1,m=3		12.5	0.23	15.7	15.7	12.3	0.05	0.07	0.23	0.78	2d10/15 L=25	11,11,11
		25.0	0.23	15.7	15.7	12.3	0.05	0.06	0.23	0.78	2d10/15 L=25	11,11,11
154	ok,ok	0.0	0.23	15.7	15.7	0.0	0.05	0.06	0.21	0.04	2d10/15 L=75	11,11,9
s=1,m=3		37.5	0.23	15.7	15.7	0.0	0.05	0.04	0.21	0.04	2d10/15 L=75	11,11,9
		75.0	0.23	15.7	15.7	0.0	0.05	0.01	0.22	0.05	2d10/15 L=75	14,11,9
159	ok,ok	0.0	0.23	15.7	15.7	0.0	0.05	0.01	0.17	0.02	2d10/15 L=20	14,14,3
s=1,m=3		10.0	0.23	15.7	15.7	0.0	0.05	0.01	0.17	0.01	2d10/15 L=20	14,14,3
		20.0	0.23	15.7	15.7	0.0	0.05	0.01	0.17	0.01	2d10/15 L=20	11,14,3
152	ok,ok	0.0	0.23	15.7	15.7	0.0	0.05	0.01	0.18	8.06e-03	2d10/15 L=120	11,14,12
s=1,m=3		60.0	0.23	15.7	15.7	0.0	0.05	5.95e-03	0.18	0.02	2d10/15 L=120	3,11,9
		120.0	0.23	15.7	15.7	0.0	0.05	0.02	0.19	0.03	2d10/15 L=120	9,11,9
156	ok,ok	0.0	0.23	15.7	15.7	0.0	0.05	0.02	0.20	0.03	2d10/15 L=10	9,11,11
s=1,m=3		5.0	0.23	15.7	15.7	0.0	0.05	0.02	0.20	0.03	2d10/15 L=10	9,11,11
		10.0	0.23	15.7	15.7	0.0	0.05	0.02	0.20	0.03	2d10/15 L=10	9,11,11
162	ok,ok	0.0	0.23	15.7	15.7	0.0	0.05	0.02	0.04	0.01	2d10/15 L=110	9,11,3
s=1,m=3		55.0	0.23	15.7	15.7	0.0	0.05	0.02	0.04	3.94e-03	2d10/15 L=110	9,14,3
		110.0	0.23	15.7	15.7	0.0	0.05	0.03	0.05	0.01	2d10/15 L=110	9,11,9
160	ok,ok	0.0	0.23	15.7	15.7	0.0	0.05	0.03	0.05	0.01	2d10/15 L=40	9,11,4
s=1,m=3		20.0	0.23	15.7	15.7	0.0	0.05	0.03	0.05	0.02	2d10/15 L=40	9,11,4
		40.0	0.23	15.7	15.7	0.0	0.05	0.04	0.06	0.02	2d10/15 L=40	9,11,4
170	ok,ok	0.0	0.23	15.7	15.7	0.0	0.05	0.04	0.05	0.02	2d10/15 L=80	9,11,3
s=1,m=3		40.0	0.23	15.7	15.7	0.0	0.05	0.03	0.05	9.20e-03	2d10/15 L=80	9,11,3
		80.0	0.23	15.7	15.7	0.0	0.05	0.03	0.04	2.60e-03	2d10/15 L=80	12,12,3
164	ok,ok	0.0	0.23	15.7	15.7	0.0	0.05	0.03	0.10	3.28e-03	2d10/15 L=70	12,11,4
s=1,m=3		35.0	0.23	15.7	15.7	0.0	0.05	0.03	0.10	9.06e-03	2d10/15 L=70	9,11,4
		70.0	0.23	15.7	15.7	0.0	0.05	0.04	0.10	0.01	2d10/15 L=70	9,11,4
171	ok,ok	0.0	0.23	15.7	15.7	0.0	0.05	0.04	0.10	0.02	2d10/15 L=50	9,11,3
s=1,m=3		25.0	0.23	15.7	15.7	0.0	0.05	0.03	0.10	0.01	2d10/15 L=50	9,11,3
		50.0	0.23	15.7	15.7	0.0	0.05	0.03	0.10	9.50e-03	2d10/15 L=50	12,11,3
168	ok,ok	0.0	0.23	15.7	15.7	0.0	0.05	0.03	0.10	5.53e-03	2d10/15 L=100	12,11,1
s=1,m=3		50.0	0.23	15.7	15.7	0.0	0.05	0.03	0.10	3.97e-03	2d10/15 L=100	12,11,4
		100.0	0.23	15.7	15.7	0.0	0.05	0.03	0.11	0.01	2d10/15 L=100	9,11,4
175	ok,ok	0.0	0.23	15.7	15.7	9.2	0.05	0.03	0.17	0.53	2d10/15 L=20	9,4,11
s=1,m=3		10.0	0.23	15.7	15.7	9.2	0.05	0.04	0.17	0.54	2d10/15 L=20	9,4,11
		20.0	0.23	15.7	15.7	9.2	0.05	0.04	0.17	0.54	2d10/15 L=20	9,4,11
173	ok,ok	0.0	0.23	15.7	15.7	9.2	0.05	0.04	0.17	0.55	2d10/15 L=120	9,4,11
s=1,m=3		60.0	0.23	15.7	15.7	9.2	0.05	0.03	0.16	0.52	2d10/15 L=120	12,4,11
		120.0	0.23	15.7	15.7	9.2	0.05	0.03	0.17	0.53	2d10/15 L=120	9,4,11
177	ok,ok	0.0	0.23	15.7	15.7	9.2	0.05	0.03	0.17	0.54	2d10/15 L=10	9,4,11
s=1,m=3		5.0	0.23	15.7	15.7	9.2	0.05	0.03	0.17	0.54	2d10/15 L=10	9,4,11
		10.0	0.23	15.7	15.7	9.2	0.05	0.03	0.17	0.54	2d10/15 L=10	9,4,11
180	ok,ok	0.0	0.23	15.7	15.7	9.2	0.05	0.03	0.18	0.59	2d10/15 L=110	9,4,11
s=1,m=3		55.0	0.23	15.7	15.7	9.2	0.05	0.02	0.17	0.57	2d10/15 L=110	12,4,11
		110.0	0.23	15.7	15.7	9.2	0.05	5.62e-03	0.16	0.55	2d10/15 L=110	3,8,14
150	ok,ok	0.0	0.23	15.7	15.7	9.2	0.05	5.56e-03	0.16	0.54	2d10/15 L=40	3,8,14
s=1,m=3		20.0	0.23	15.7	15.7	9.2	0.05	3.26e-03	0.16	0.54	2d10/15 L=40	3,8,14
		40.0	0.23	15.7	15.7	9.2	0.05	2.13e-03	0.16	0.53	2d10/15 L=40	12,4,14
							M_T= 41	**Z=0.0**	**N=3**	**N=107**		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
187	ok,ok	0.0	0.23	15.7	15.7	0.0	0.05	0.15	0.06	0.07	2d10/15 L=185	11,11,11
s=1,m=3		92.5	0.23	15.7	15.7	0.0	0.05	0.06	0.05	0.05	2d10/15 L=185	14,14,14
		185.0	0.23	15.7	15.7	0.0	0.05	7.40e-03	0.04	0.04	2d10/15 L=185	14,14,14
							M_T= 42	**Z=0.0**	**N=68**	**N=108**		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
188	ok,ok	0.0	0.23	15.7	15.7	0.0	0.05	0.25	0.08	0.11	2d10/15 L=185	14,11,11
s=1,m=3		92.5	0.23	15.7	15.7	0.0	0.05	0.11	0.07	0.09	2d10/15 L=185	14,14,14
		185.0	0.23	15.7	15.7	0.0	0.05	7.81e-03	0.06	0.08	2d10/15 L=185	12,14,14
							M_T= 43	**Z=0.0**	**N=103**	**N=110**		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
189	ok,ok	0.0	0.23	15.7	15.7	0.0	0.05	0.25	0.09	0.10	2d10/15 L=185	14,11,11
s=1,m=3		92.5	0.23	15.7	15.7	0.0	0.05	0.11	0.07	0.09	2d10/15 L=185	14,14,14
		185.0	0.23	15.7	15.7	0.0	0.05	6.06e-03	0.06	0.08	2d10/15 L=185	12,14,14
							M_T= 44	**Z=0.0**	**N=102**	**N=109**		

Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
190	ok,ok	0.0	0.23	15.7	15.7	0.0	0.05	0.09	0.05	0.05	2d10/15 L=185	11,11,11
	s=1,m=3	92.5	0.23	15.7	15.7	0.0	0.05	0.04	0.03	0.03	2d10/15 L=185	14,14,11
		185.0	0.23	15.7	15.7	0.0	0.05	8.98e-04	0.02	0.02	2d10/15 L=185	12,14,14

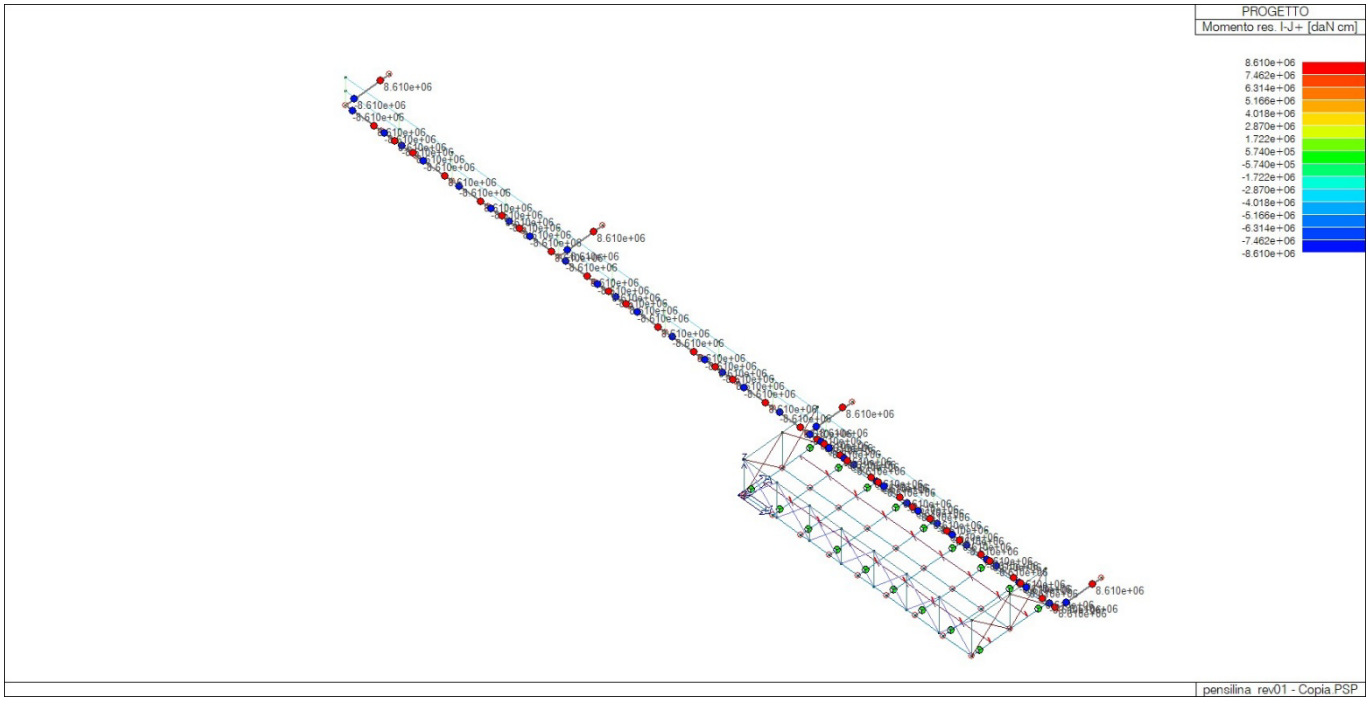
Trave	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc
	0.23	15.70	15.70	12.32	0.05	0.25	0.23	0.81



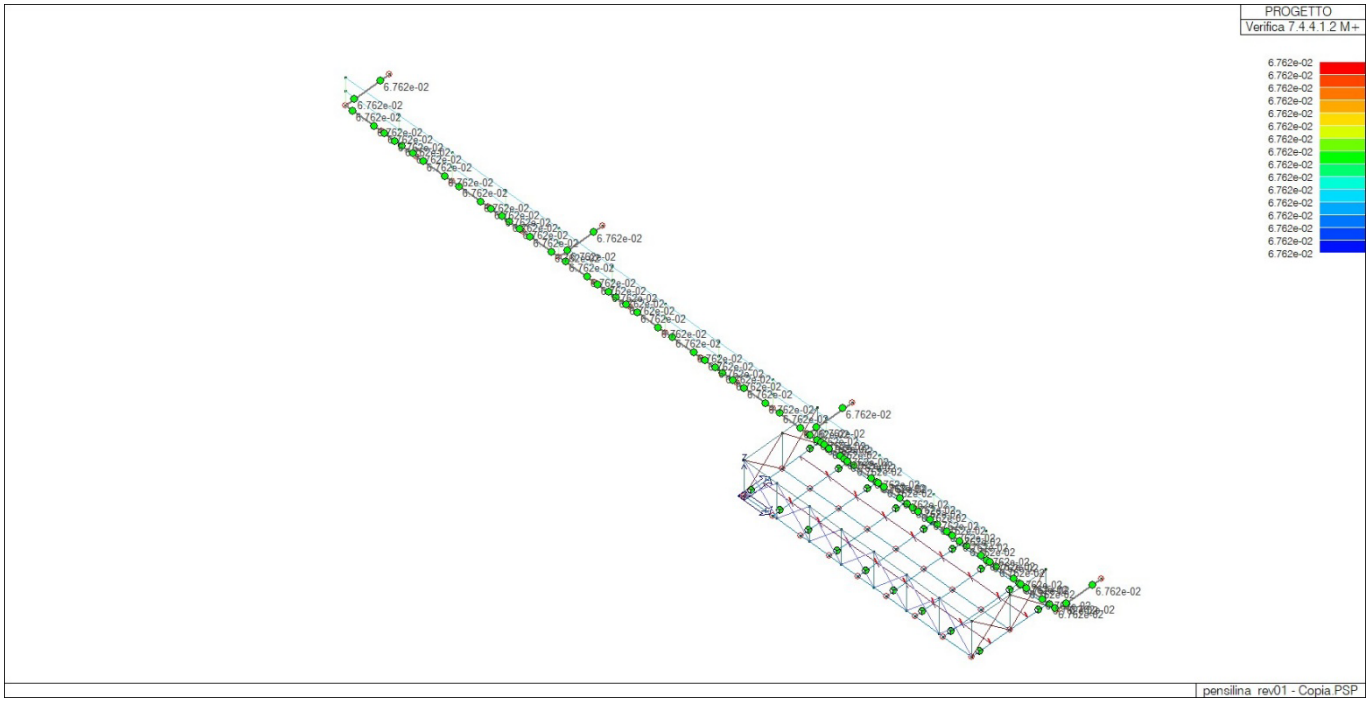
71_CA_TRV_01_Stato progetto



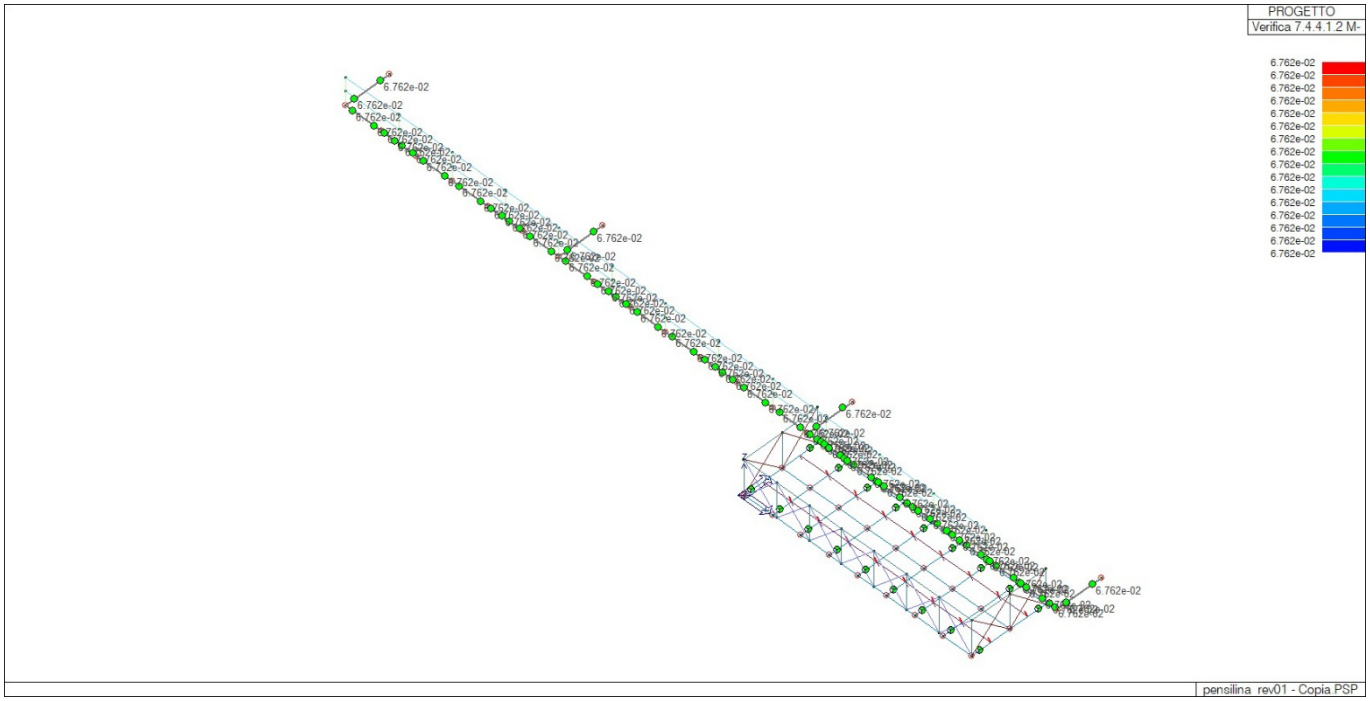
71_CA_TRV_02_Momento res I+J-



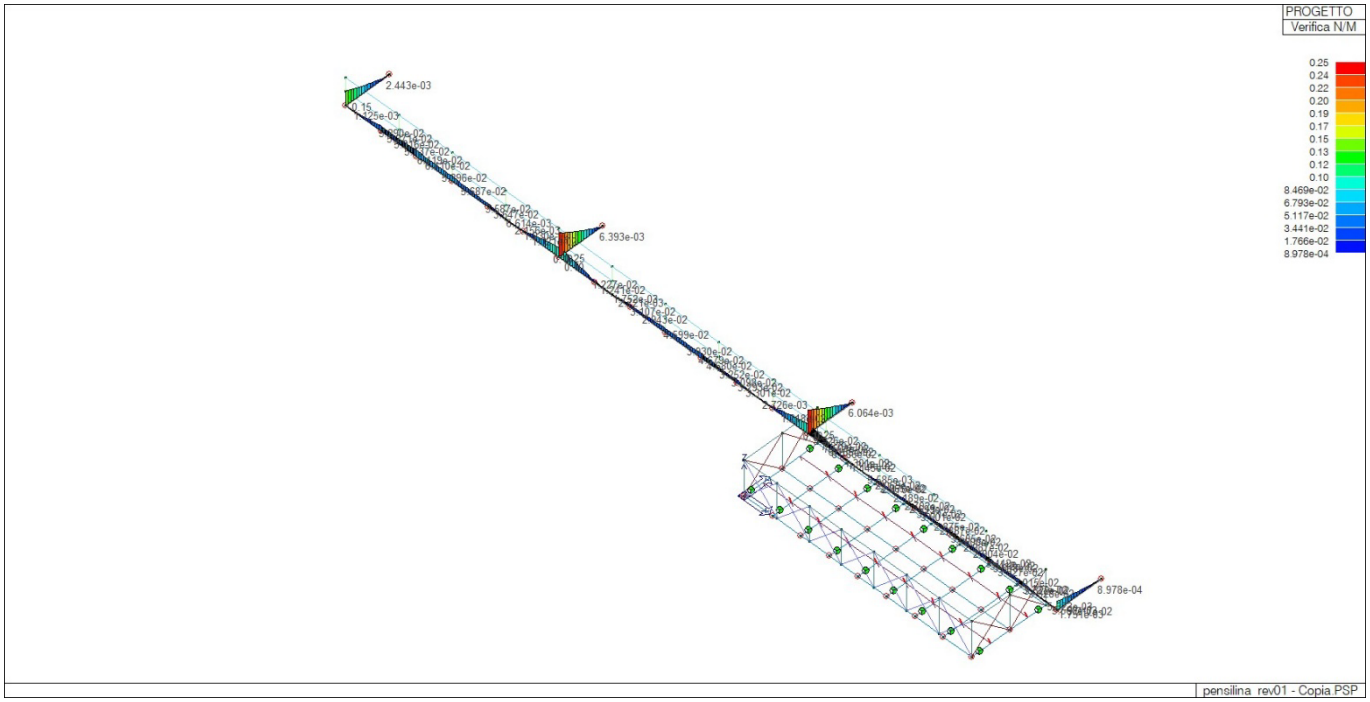
71_CA_TRV_03_Momento res I-J+



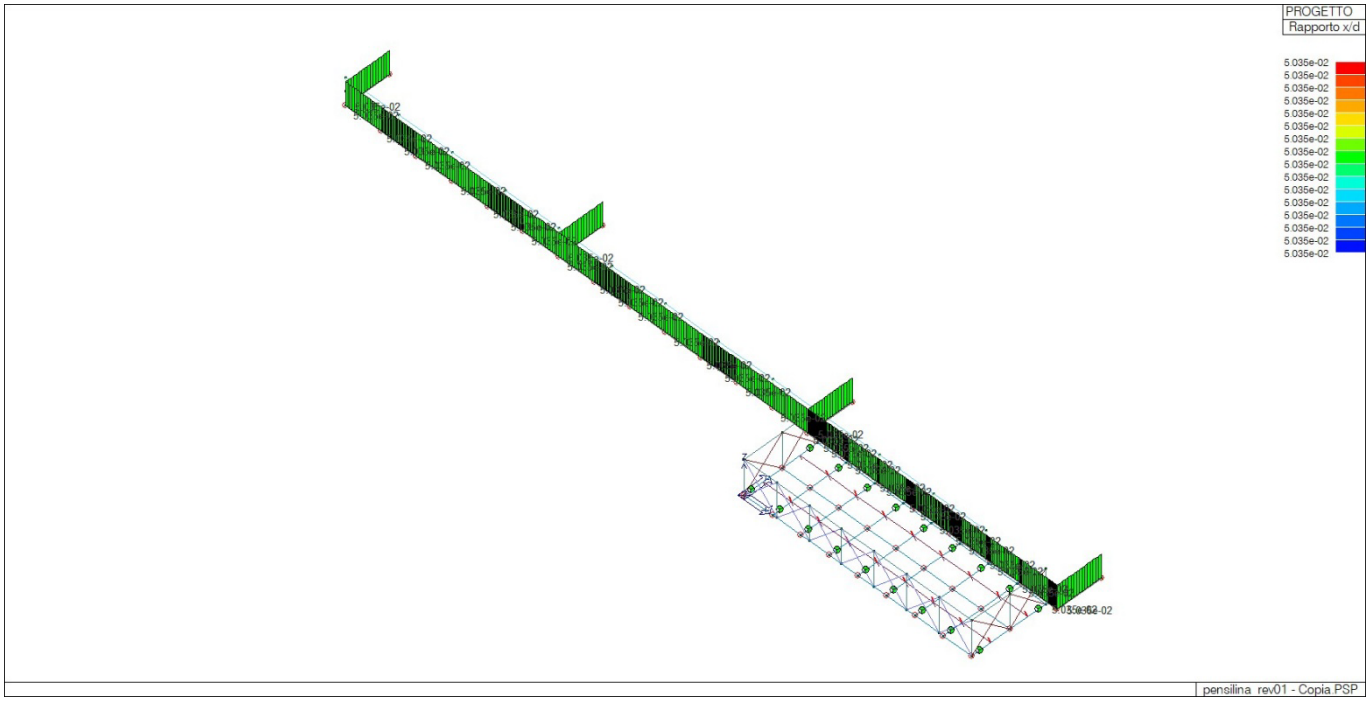
71_CA_TRV_07_Verifica 74412 M+



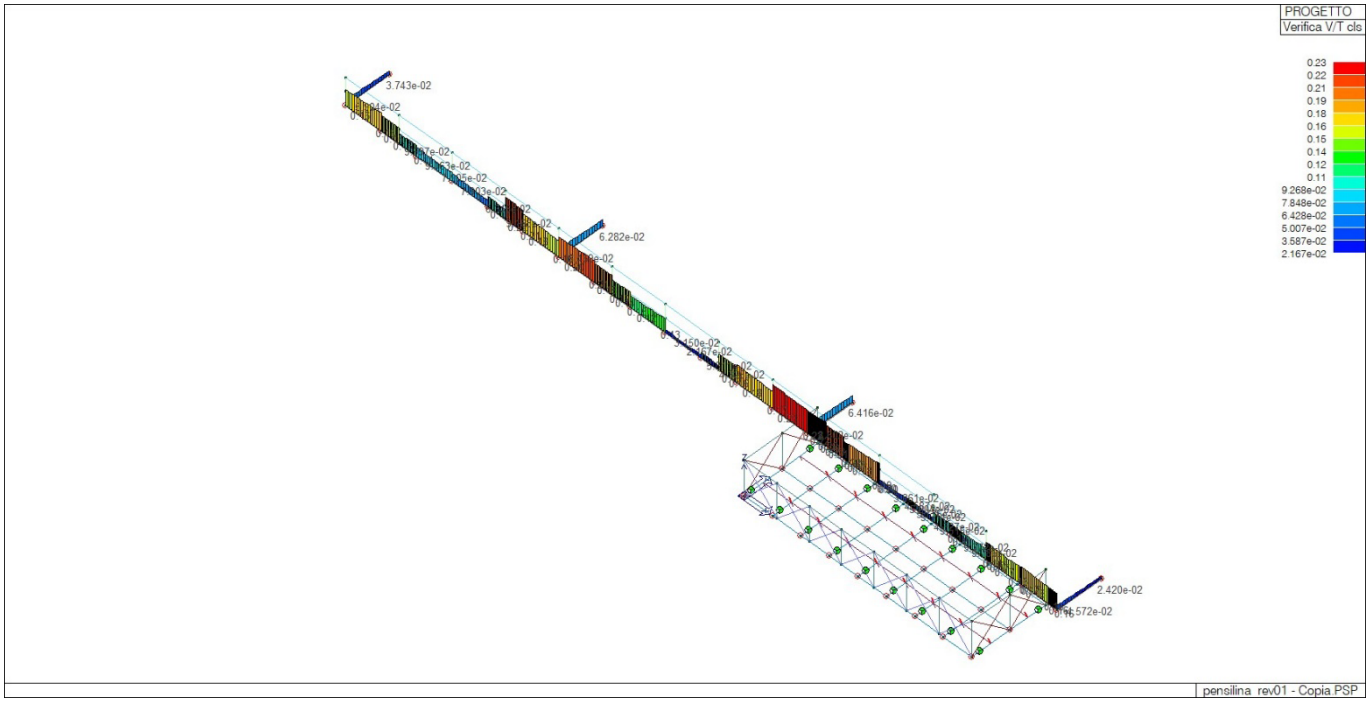
71_CA_TRV_08_Verifica 74412 M-



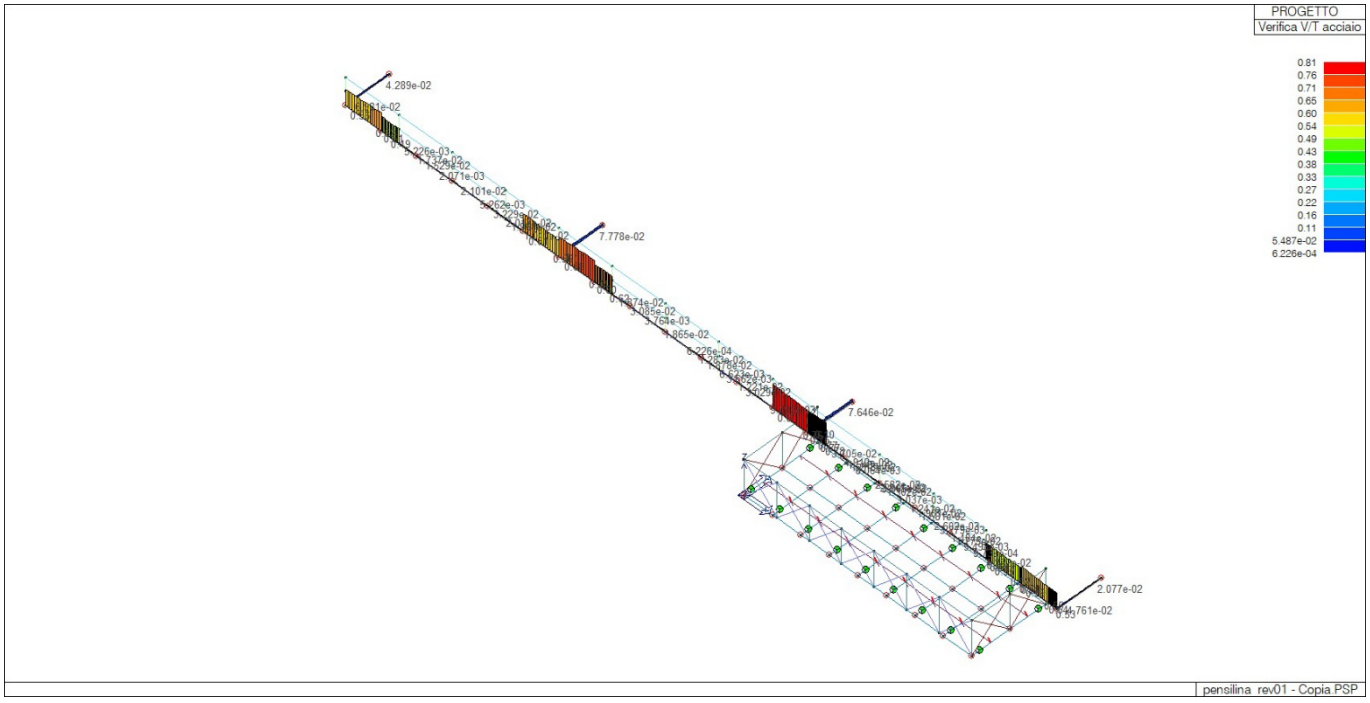
71_CA_TRV_09_Verifica NM



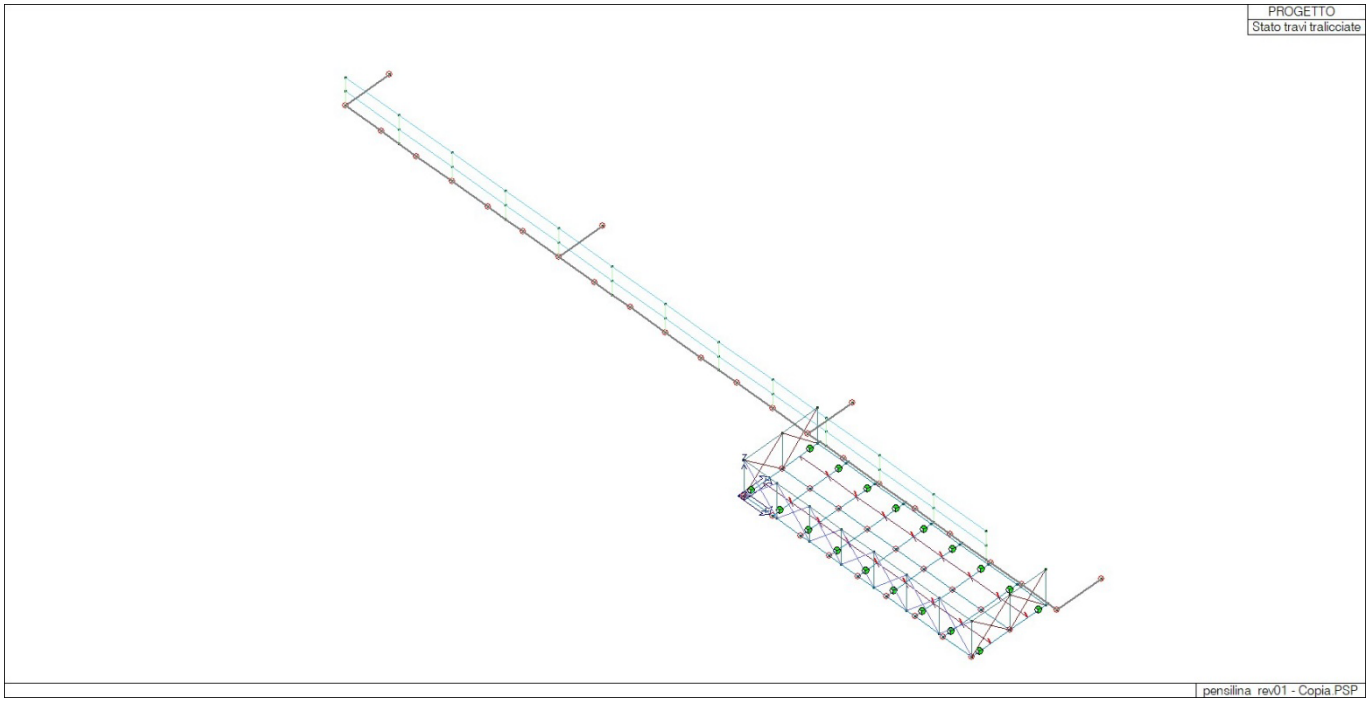
71_CA_TRV_10_Rapporto xd



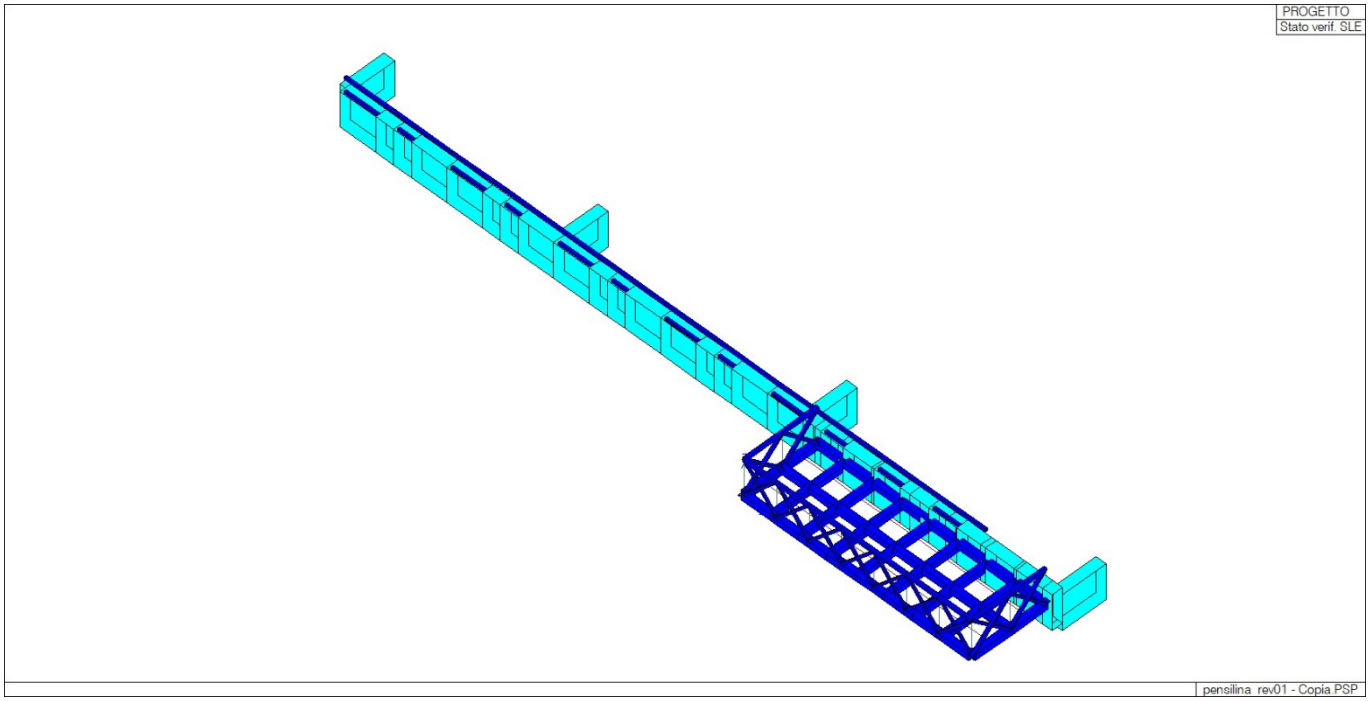
71_CA_TRV_11_Verifica VT cls



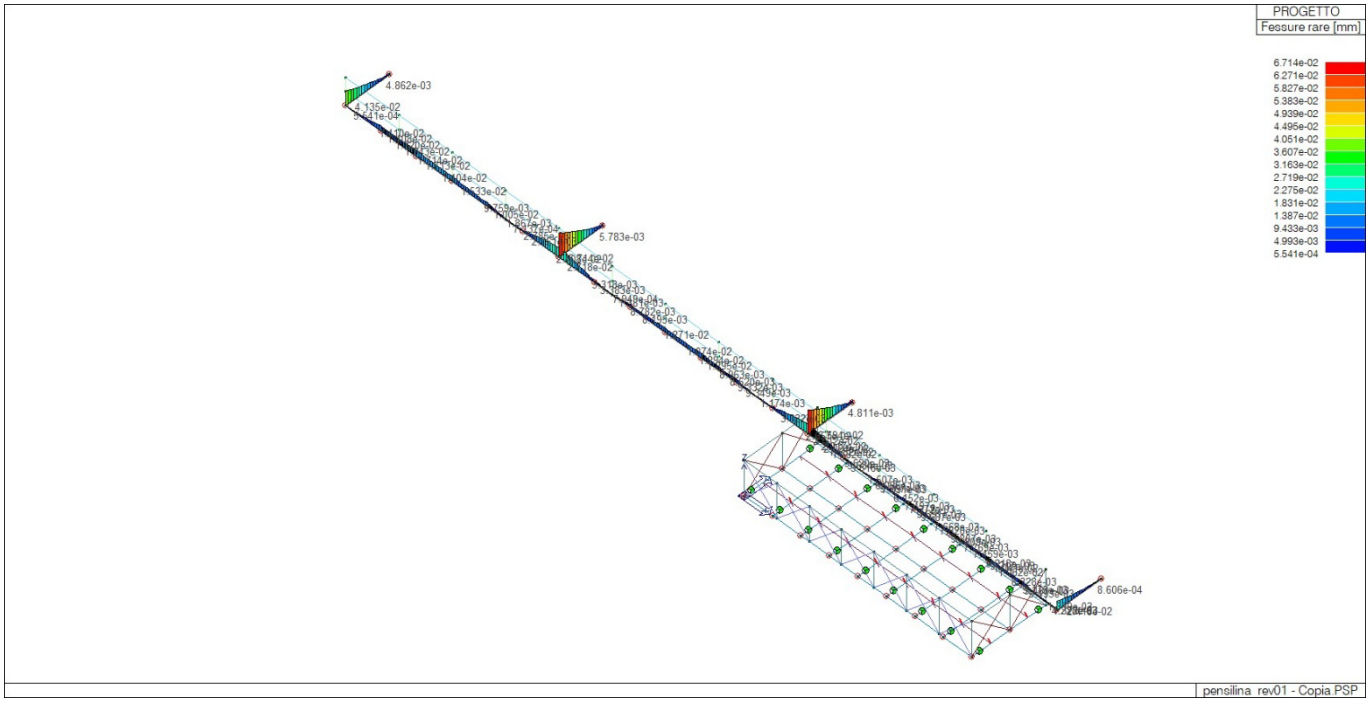
71_CA_TRV_12_Verifica VT acciaio



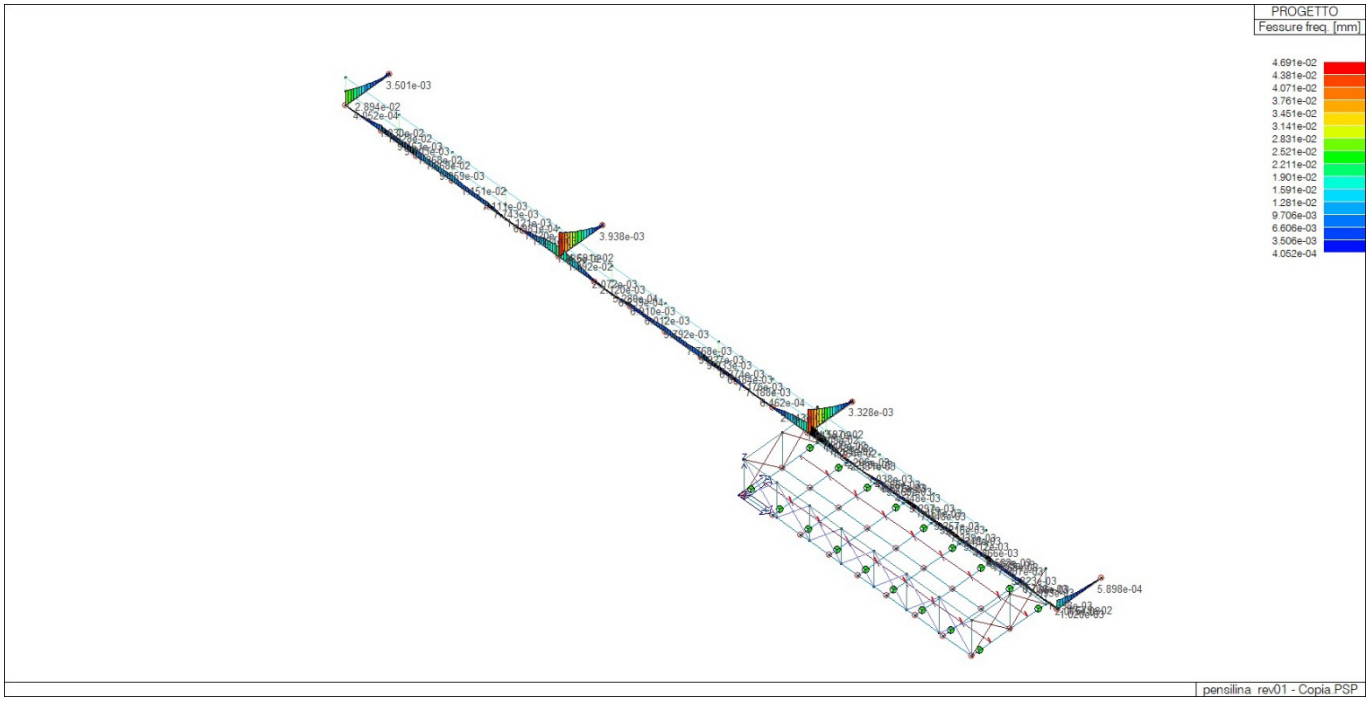
71_CA_TRV_14_Stato travi tralicciate



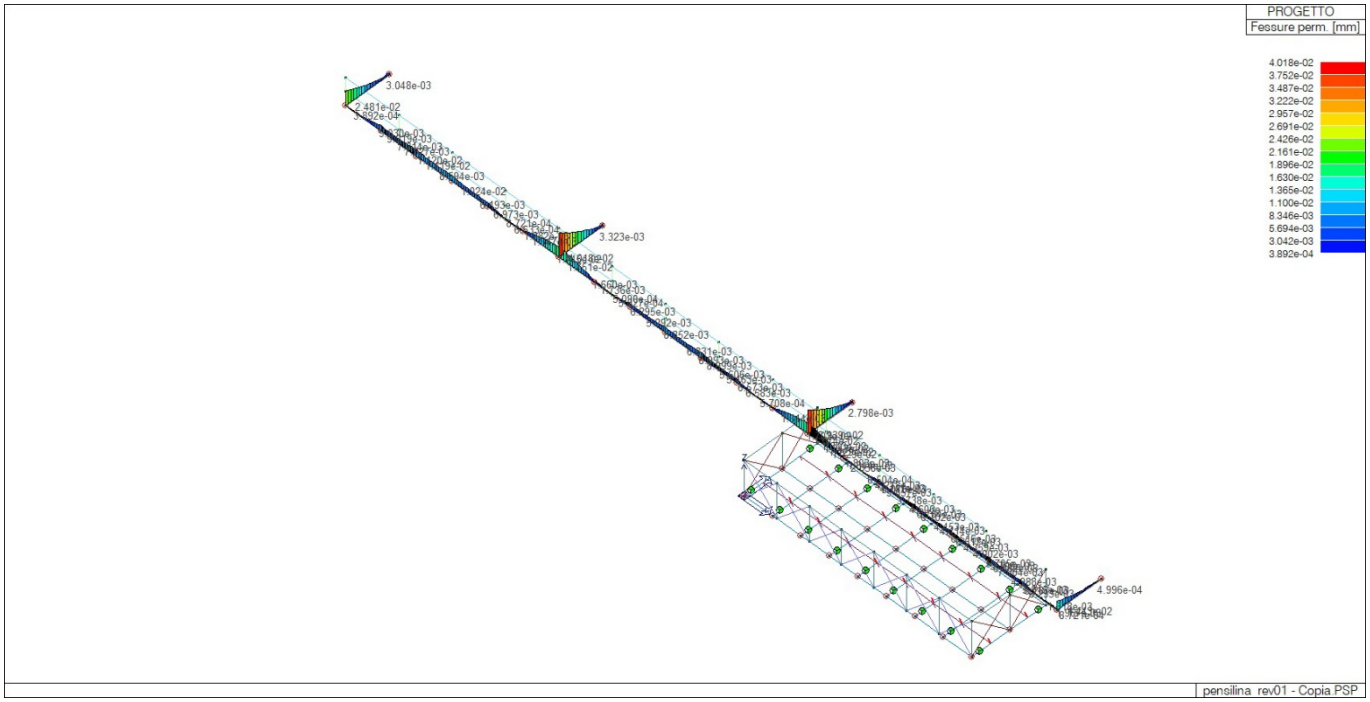
71_CA_TRV_19_Stato verif SLE



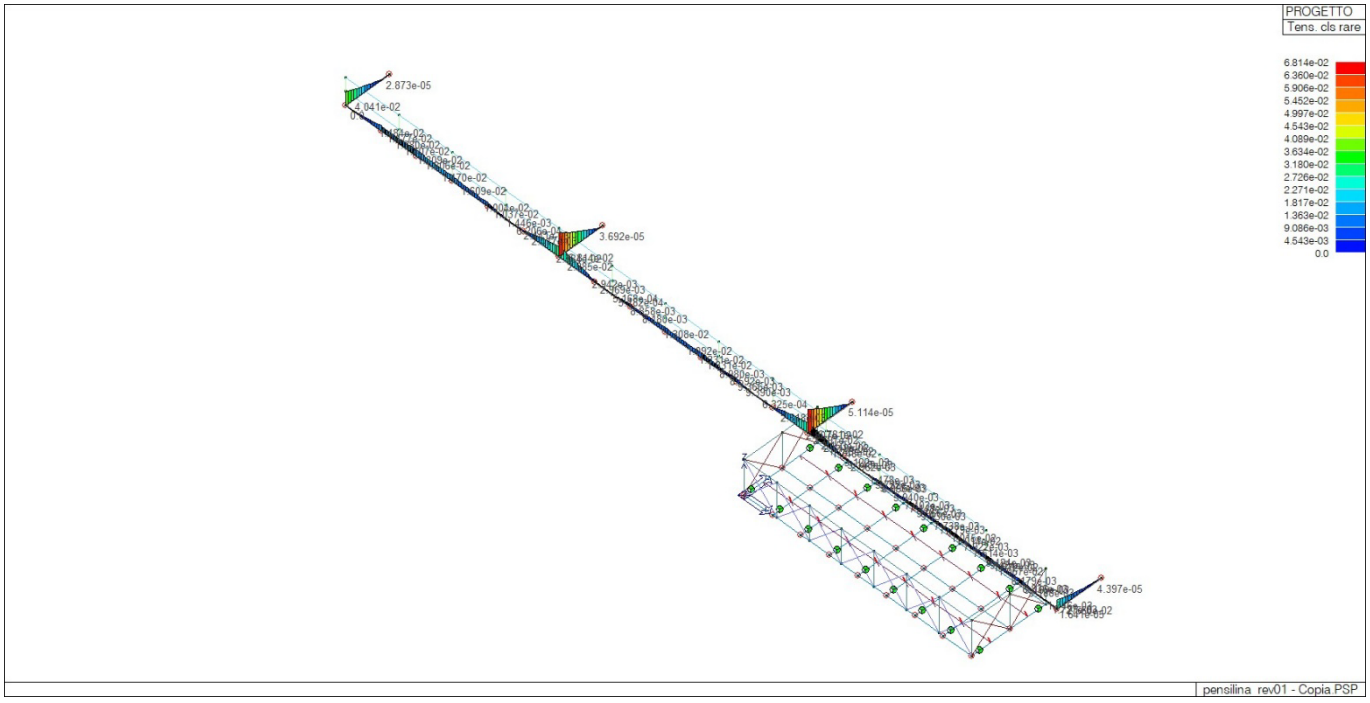
71_CA_TRV_20_Fessure rare



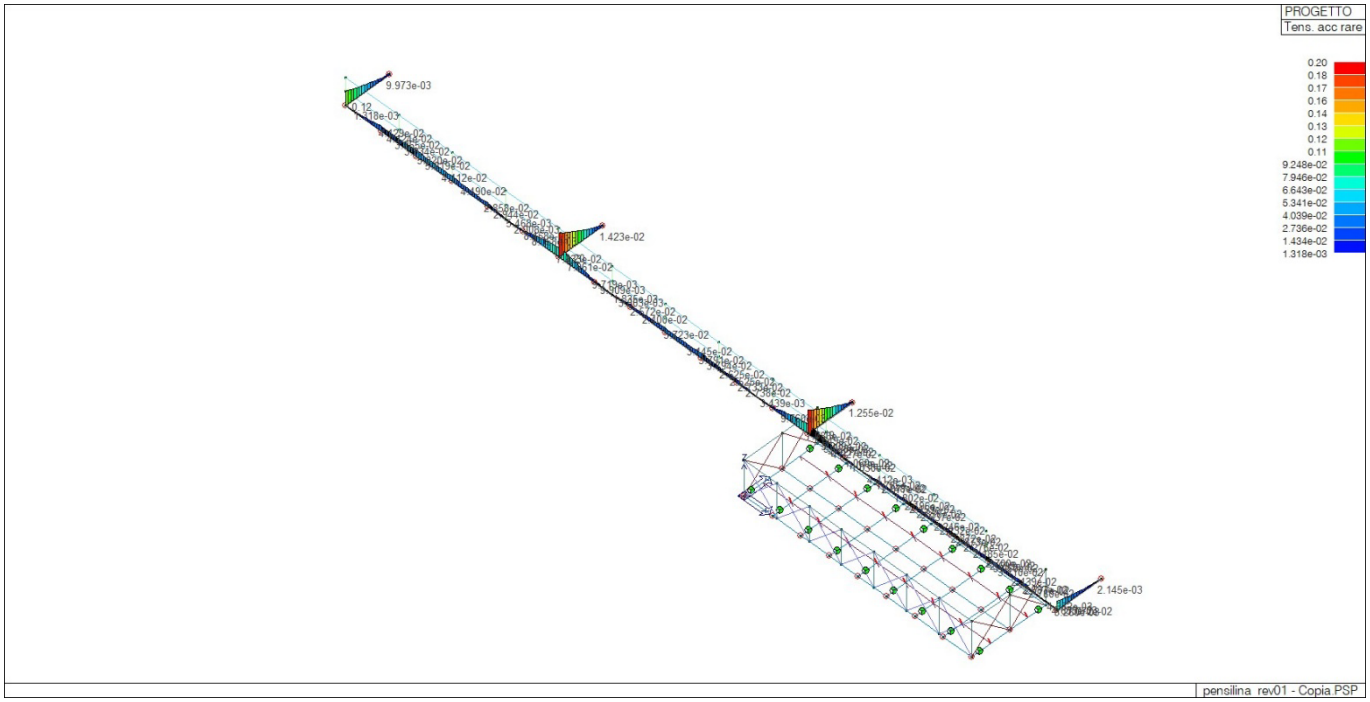
71_CA_TRV_21_Fessure freq



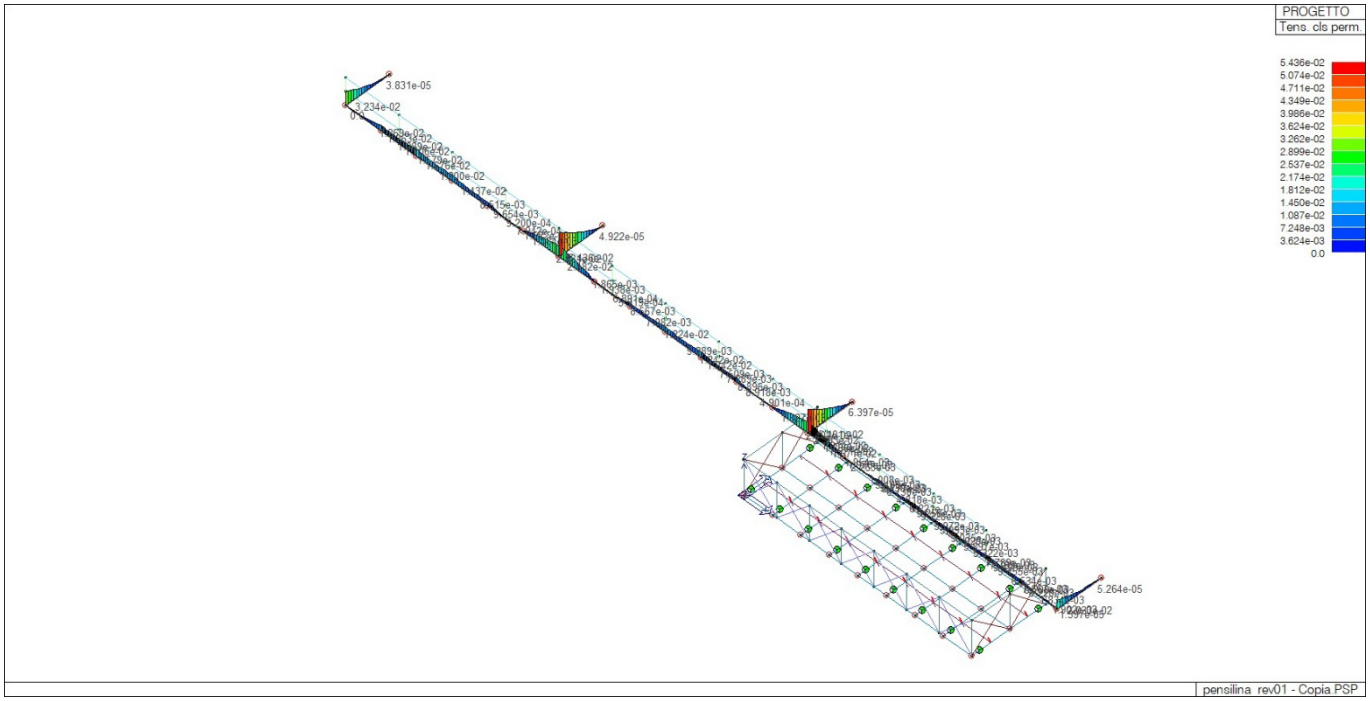
71_CA_TRV_22_Fessure perm



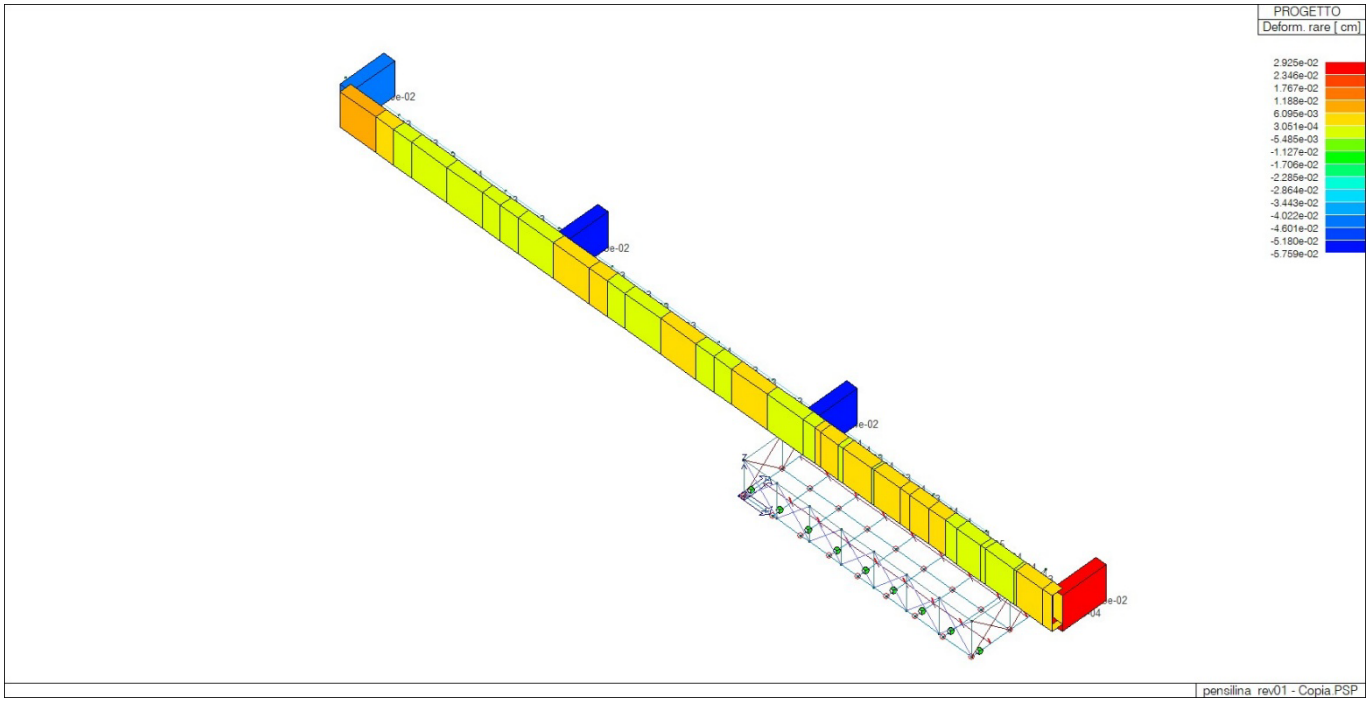
71_CA_TRV_23_Tens cls rare



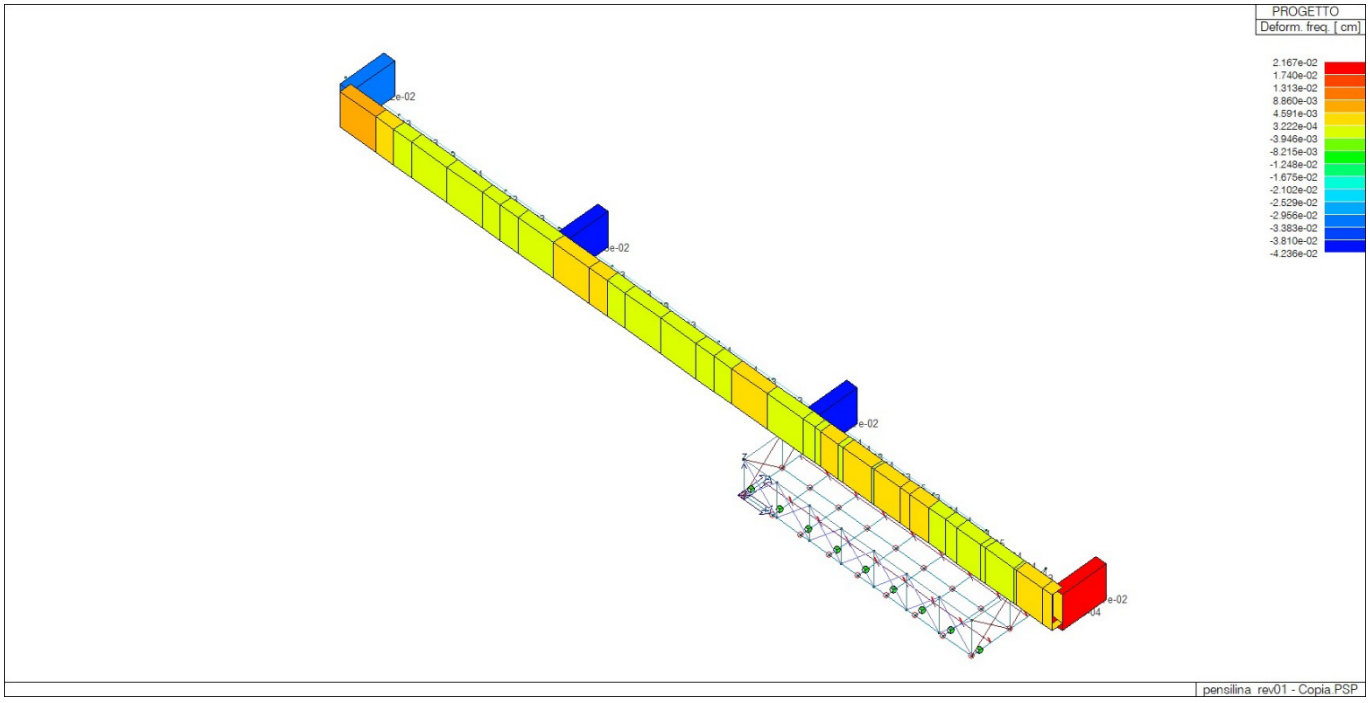
71_CA_TRV_24_Tens acc rare



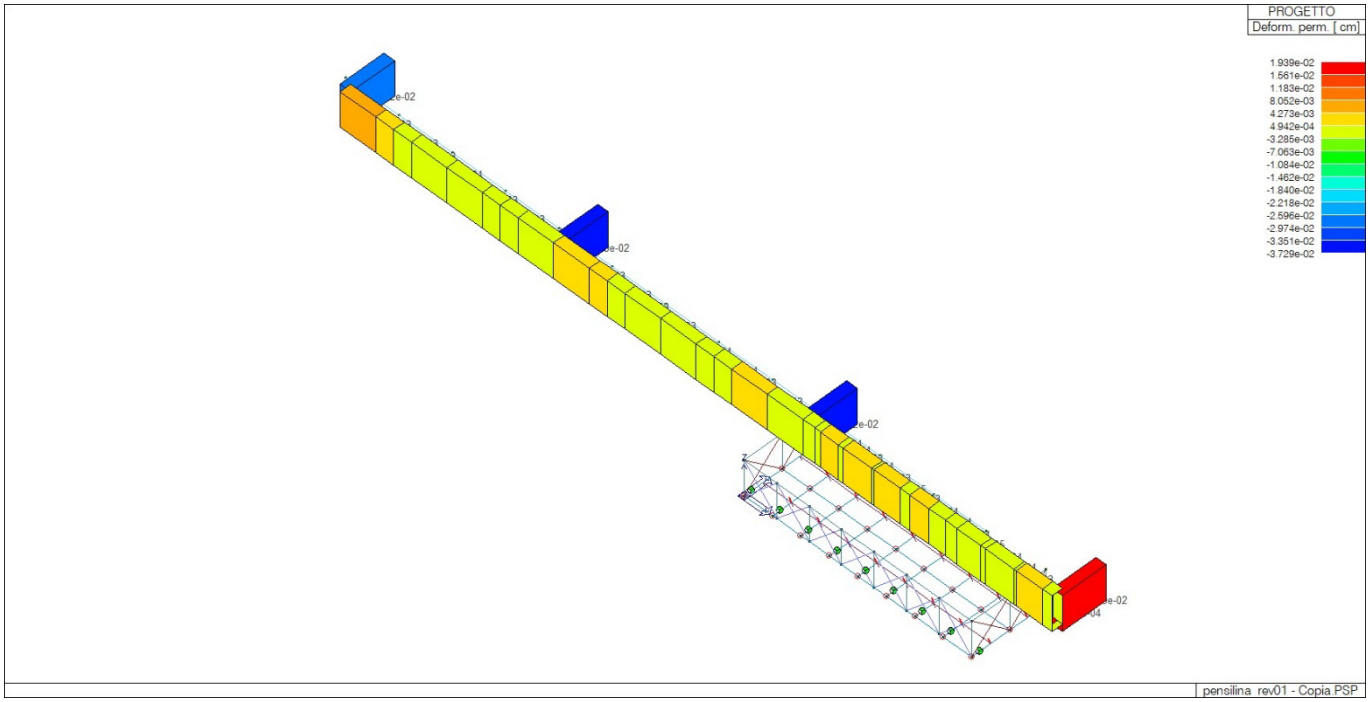
71_CA_TRV_25_Tens cls perm



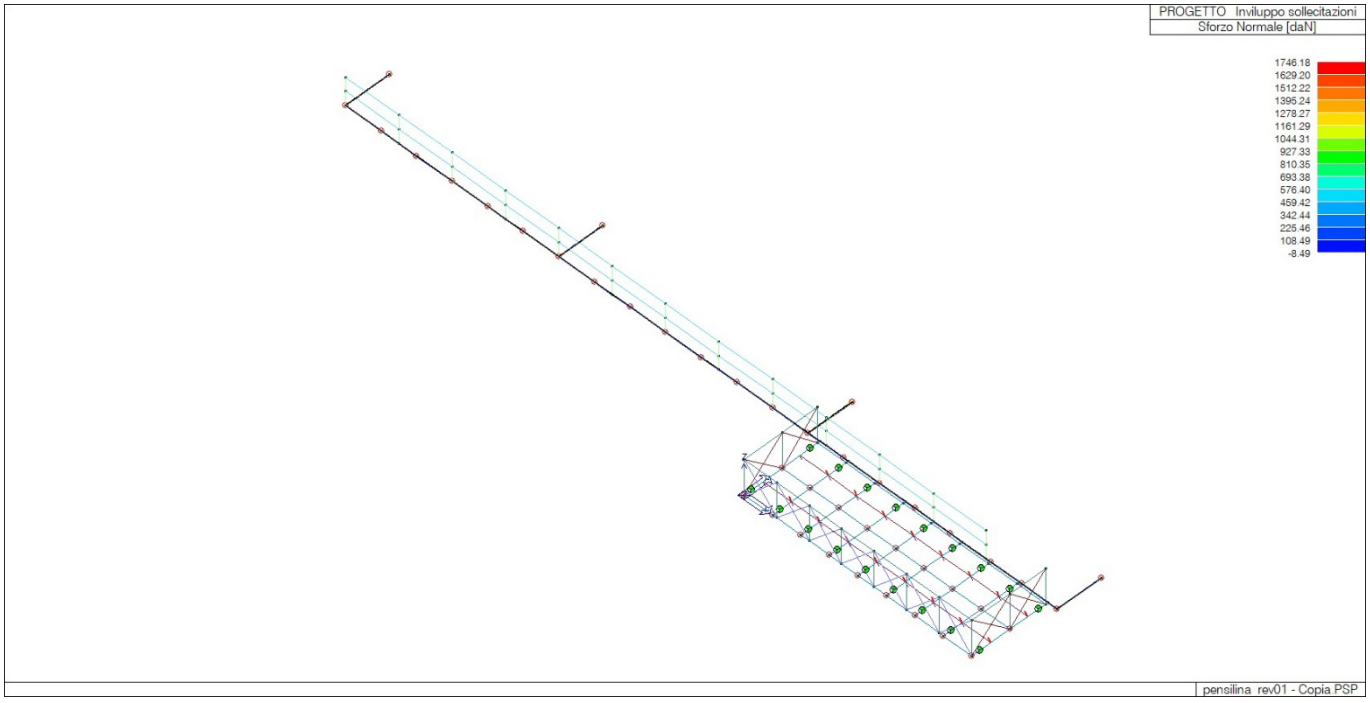
71_CA_TRV_26_Deform rare



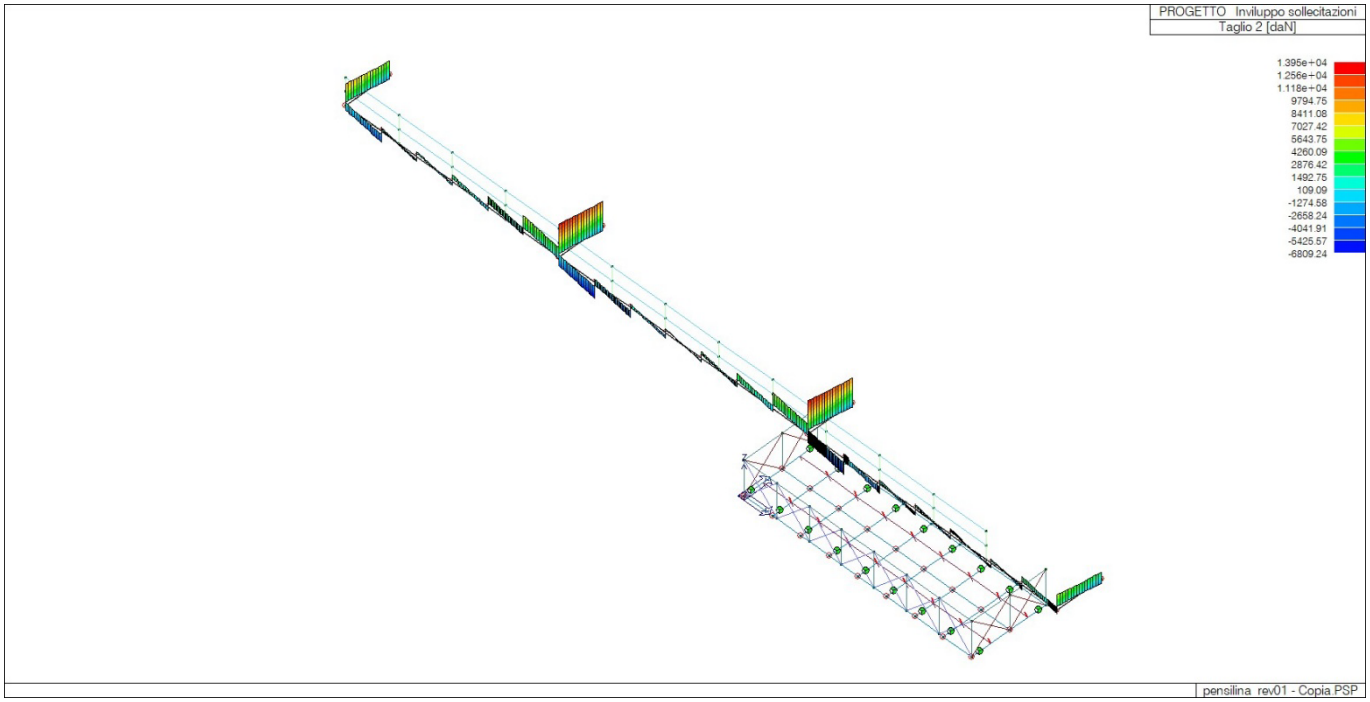
71_CA_TRV_27_Deform freq



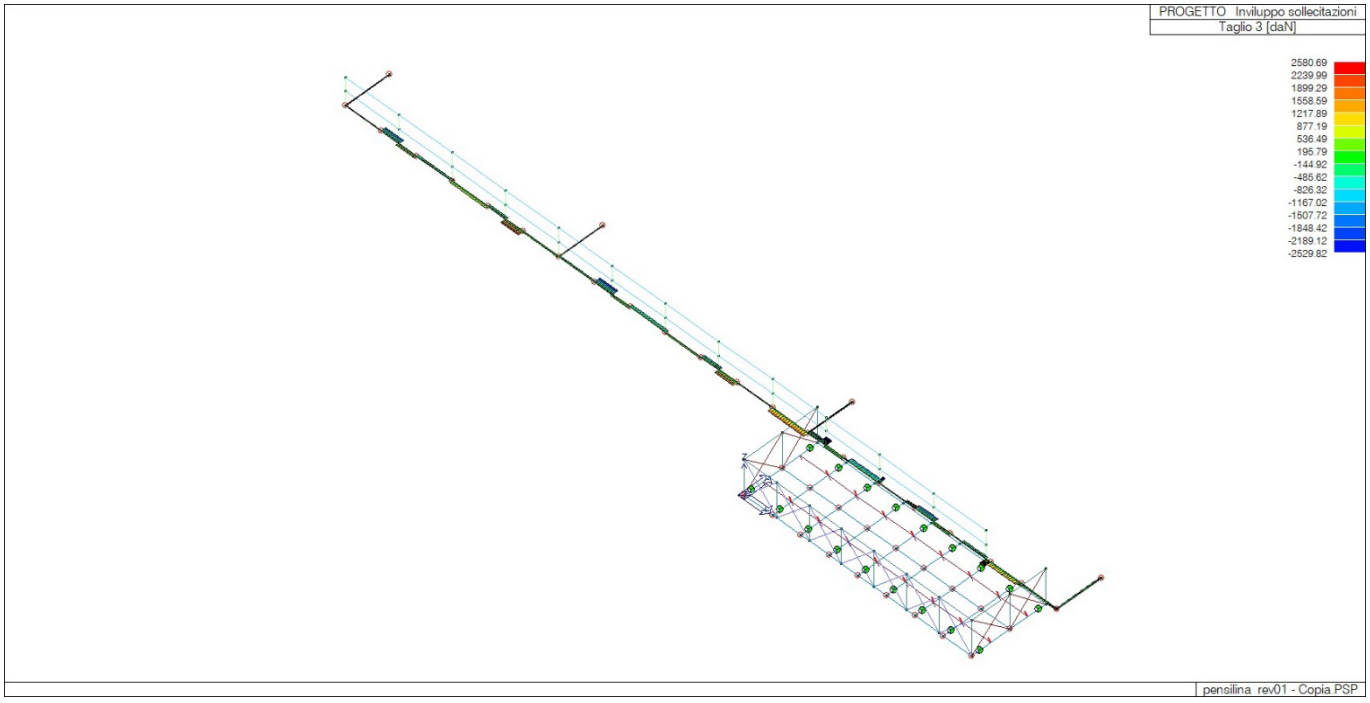
71_CA_TRV_28_Deform perm



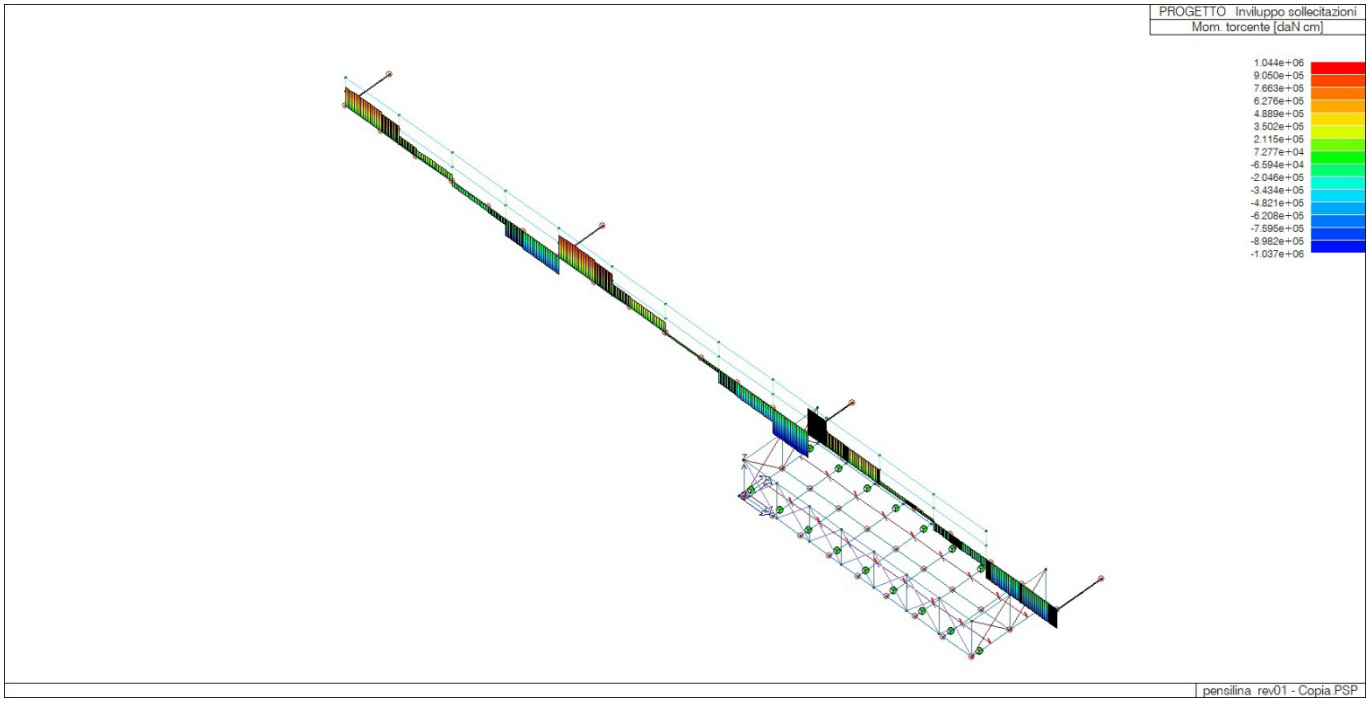
71_CA_TRV_29_Sforzo Normale



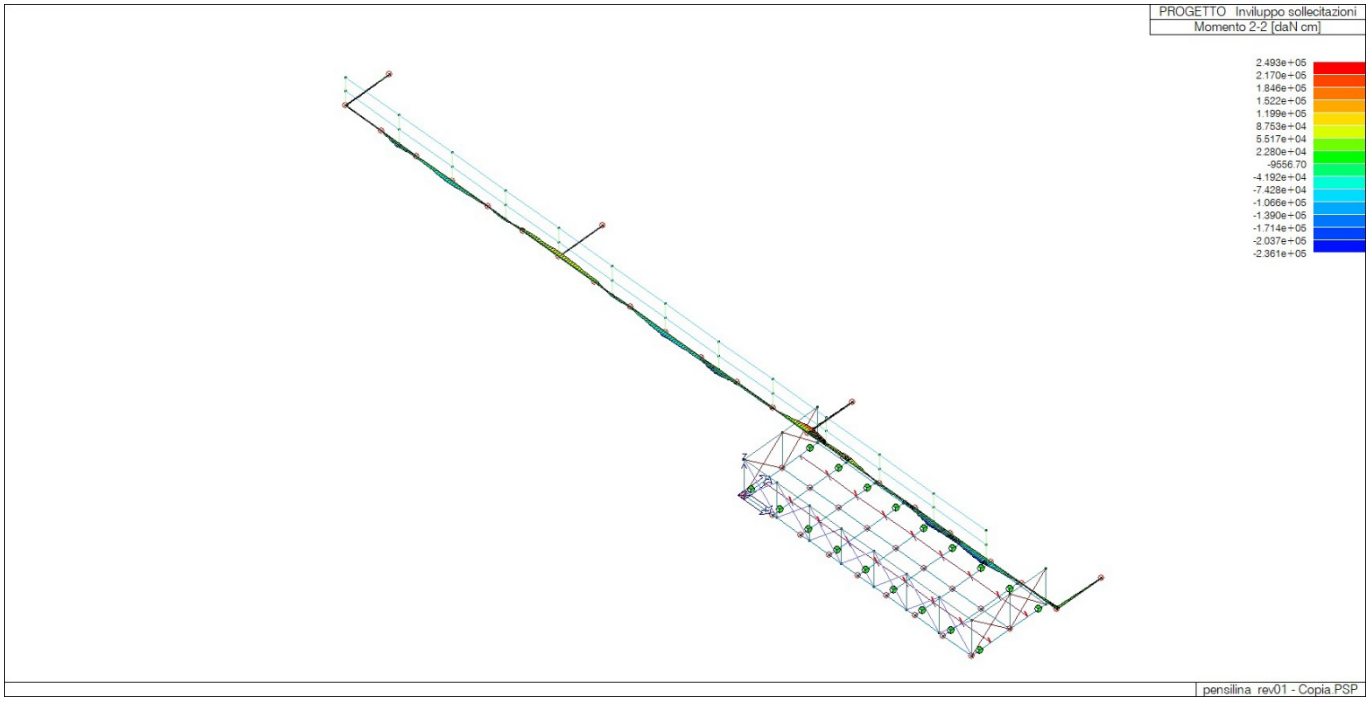
71_CA_TRV_30_Taglio 2



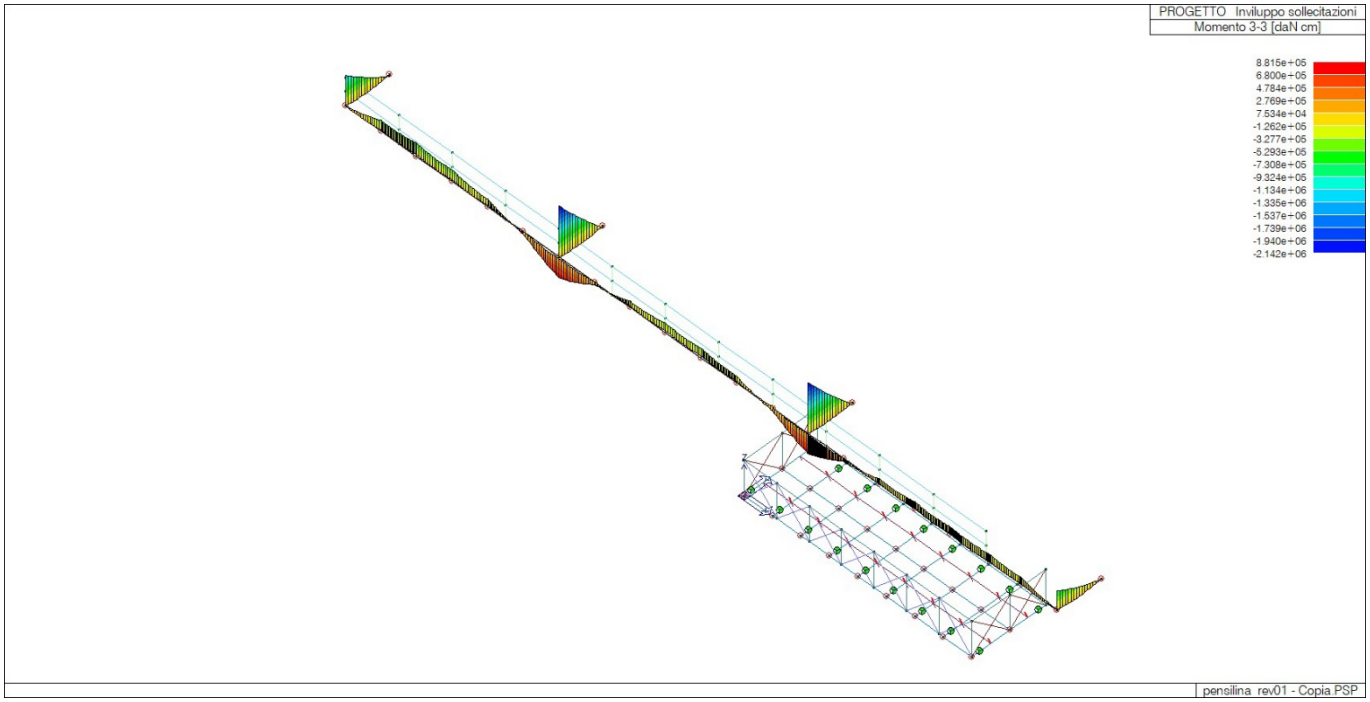
71_CA_TRV_31_Taglio 3



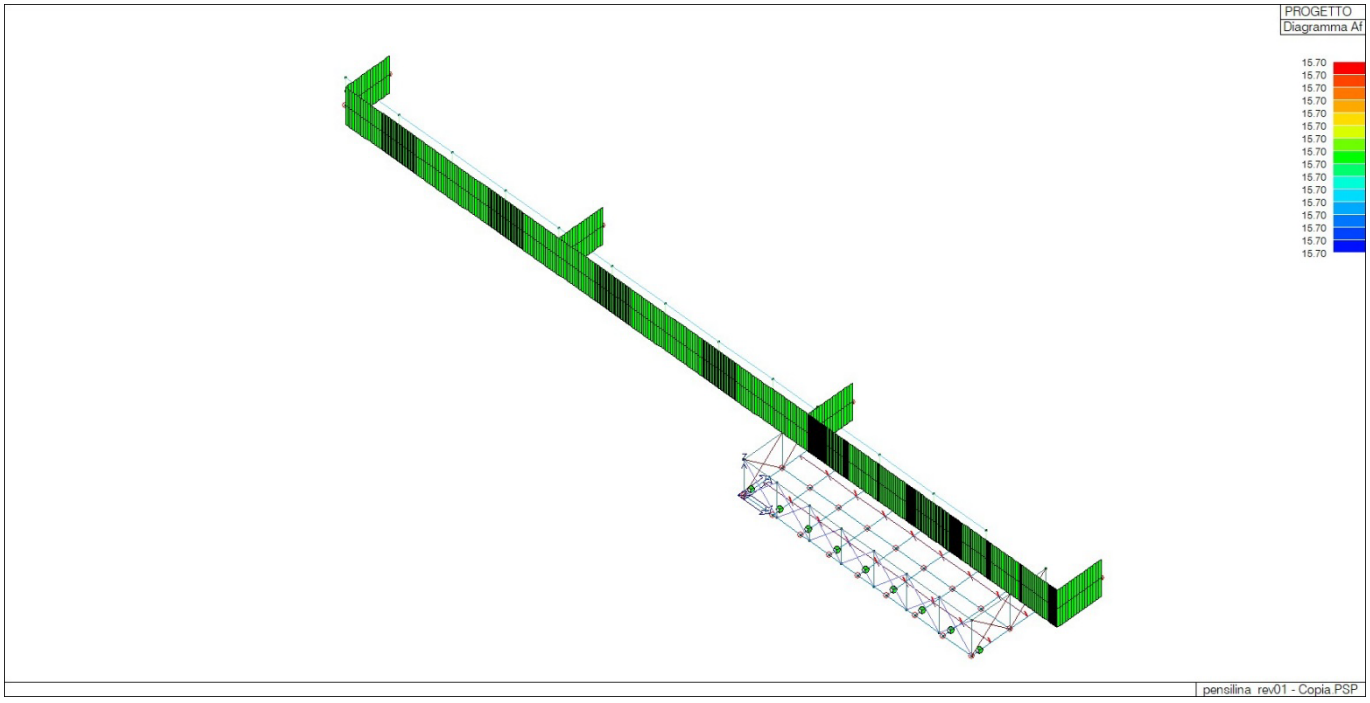
71_CA_TRV_32_Mom torcente



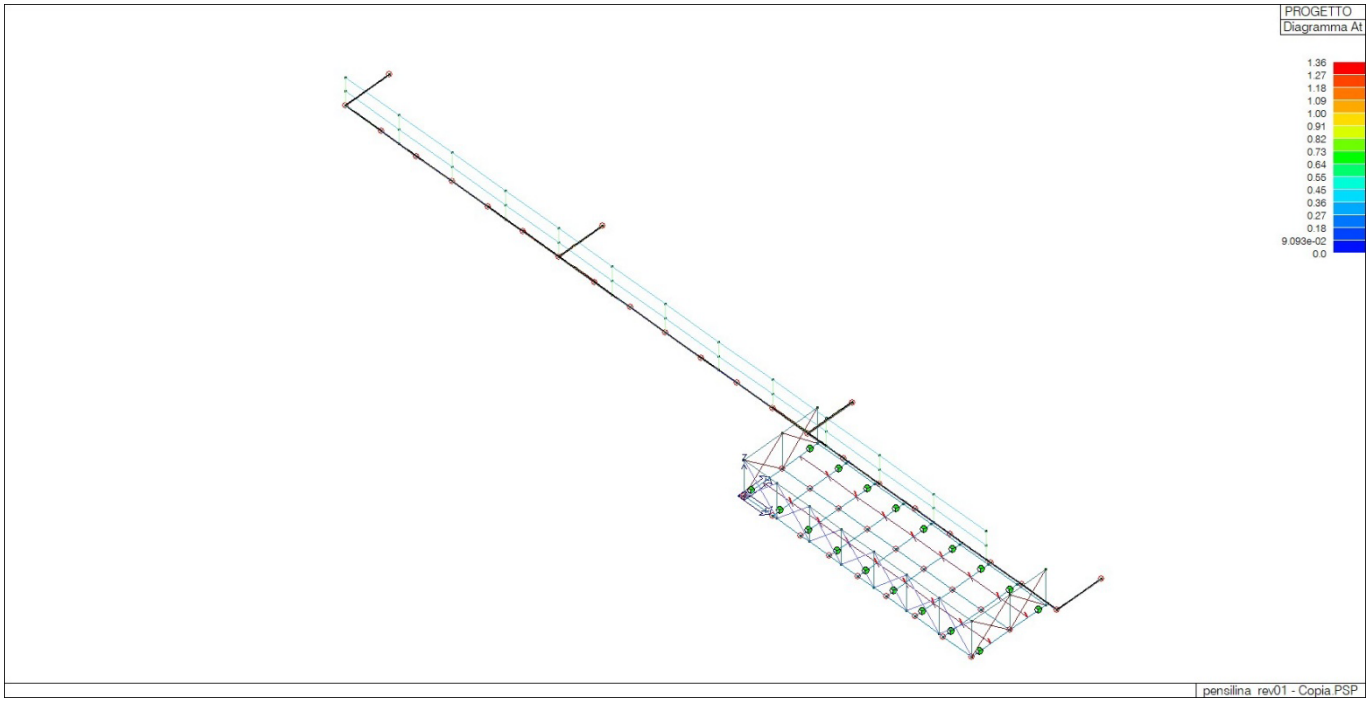
71_CA_TRV_33_Momento 2-2



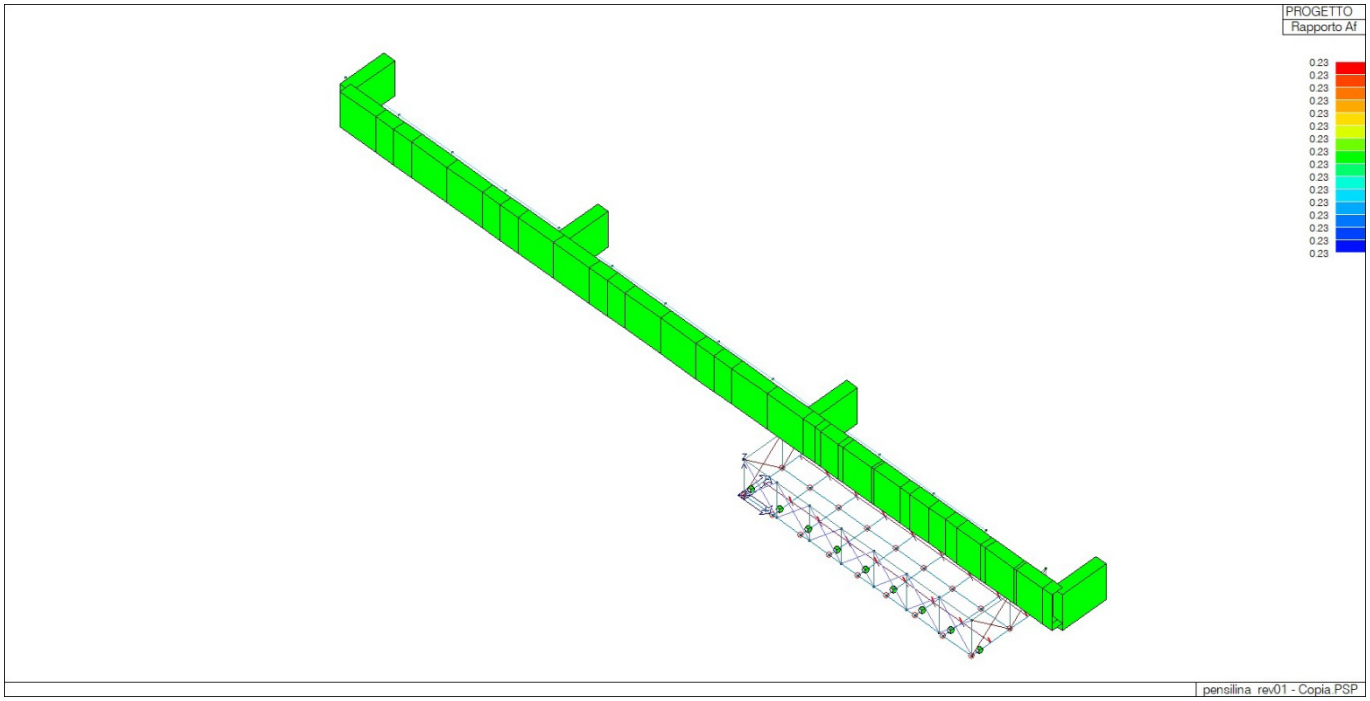
71_CA_TRV_34_Momento 3-3



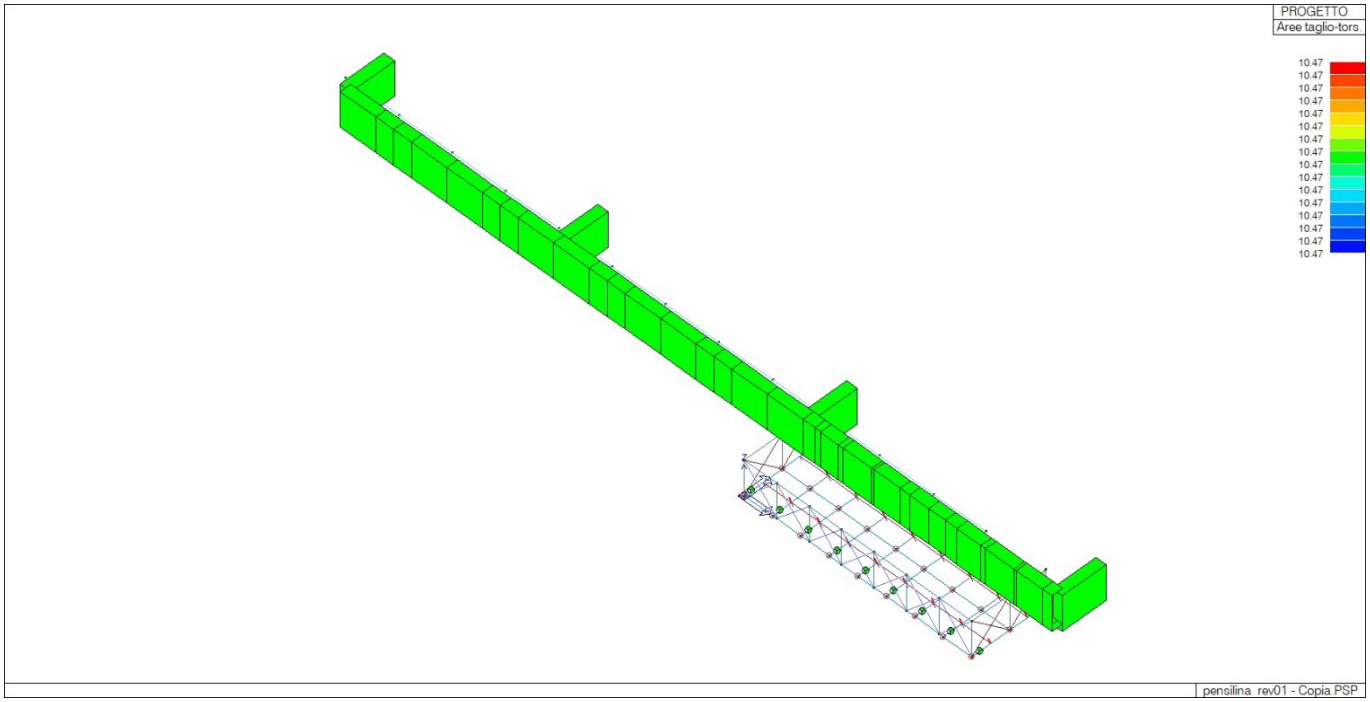
71_CA_TRV_35_Diagramma Af



71_CA_TRV_36_Diagramma At



71_CA_TRV_37_Rapporto Af



71_CA_TRV_38_Aree taglio-tors

STATI LIMITE D' ESERCIZIO

LEGENDA TABELLA STATI LIMITE D' ESERCIZIO

In tabella vengono riportati i valori di interesse per il controllo degli stati limite d'esercizio.

In particolare vengono riportati, in relazione al tipo di elemento strutturale, i risultati relativi alle tre categorie di combinazione considerate:

- Combinazioni rare
- Combinazioni frequenti
- Combinazioni quasi permanenti.

I valori di interesse sono i seguenti:

rRfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni rare	[*normalizzato a 1*]
rRfyk	rapporto tra la massima tensione nell'acciaio e la tensione fyk in combinazioni rare	[*normalizzato a 1*]
rPfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni quasi permanenti	[*normalizzato a 1*]
wR	apertura caratteristica delle fessure in combinazioni rare	[*mm*]
wF	apertura caratteristica delle fessure in combinazioni frequenti	[*mm*]
wP	apertura caratteristica delle fessure in combinazioni quasi permanenti	[*mm*]
dR	massima deformazione in combinazioni rare	
dF	massima deformazione in combinazioni frequenti	
dP	massima deformazione in combinazioni quasi permanenti	

Per ognuno dei nove valori soprariportati viene indicata (Rif.cmb) la combinazione in cui si è verificato.

In relazione al tipo di elemento strutturale i valori sono selezionati nel modo seguente:

pilastri	rRfck	rRfyk	rPfck	per sezioni significative
travi	rRfck	rRfyk	rPfck	per sezioni significative
	wR	wF	wP	per sezioni significative
	dR	dF	dP	massimi in campata
setti e gusci	rRfck	rRfyk	rPfck	massimi nei nodi dell'elemento
	wR	wF	wP	massimi nei nodi dell'elemento

Si precisa che i valori di massima deformazione per travi sono riferiti al piano verticale (piano locale 1-2 con momenti flettenti 3-3).

Trave	Pos.	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb	dR	dF	dP	Rif. cmb
	cm					mm	mm	mm		cm	cm	cm	
30	0.0	0.03	0.08	0.02	19,19,30	0.03	0.02	0.02	19,26,30	-3.90e-04	2.72e-04	2.32e-04	19,26,30
	25.0	0.02	0.07	0.02	19,19,30	0.02	0.02	0.02	19,26,30				
	50.0	0.02	0.06	0.02	21,21,32	0.02	0.02	0.01	21,28,32				
147	0.0	0.0	1.83e-03	0.0	0,21,0	6.43e-04	4.52e-04	3.89e-04	21,28,32	7.27e-03	5.09e-03	4.36e-03	19,26,30
	75.0	4.96e-03	0.01	3.16e-03	21,21,32	5.00e-03	3.09e-03	2.45e-03	21,28,32				
	150.0	0.01	0.04	0.01	21,21,32	0.01	0.01	9.03e-03	21,28,32				
148	0.0	0.02	0.06	0.02	21,21,32	0.02	0.02	0.01	21,28,32	4.14e-04	2.99e-04	2.61e-04	19,26,30
	12.5	0.02	0.05	0.02	21,21,32	0.02	0.01	0.01	21,28,32				
	25.0	0.02	0.05	0.02	21,21,32	0.02	0.01	0.01	21,28,32				
149	0.0	0.01	0.04	0.01	21,21,32	0.01	9.30e-03	7.93e-03	21,28,32	-1.88e-03	-1.32e-03	-1.13e-03	19,26,30
	37.5	0.02	0.04	0.01	21,21,32	0.01	0.01	9.04e-03	21,28,32				
	75.0	0.02	0.05	0.02	21,21,32	0.02	0.01	0.01	21,28,32				
150	0.0	1.73e-03	4.63e-03	1.90e-03	17,17,31	1.58e-03	1.39e-03	1.31e-03	17,24,31	5.89e-04	4.01e-04	3.38e-04	19,26,30
	20.0	1.02e-03	3.38e-03	1.16e-03	17,21,31	2.29e-03	2.01e-03	1.97e-03	18,25,32				
	40.0	1.64e-05	3.96e-03	1.40e-05	17,19,31	1.46e-03	1.02e-03	8.72e-04	19,26,30				
151	0.0	0.01	0.04	0.01	21,21,32	0.01	0.01	9.02e-03	21,28,32	2.73e-03	1.92e-03	1.64e-03	19,26,30
	37.5	0.01	0.04	0.01	21,21,32	0.01	9.28e-03	7.96e-03	21,28,32				
	75.0	0.01	0.04	0.01	21,21,32	0.01	9.31e-03	7.93e-03	21,28,32				
152	0.0	2.99e-03	0.01	2.29e-03	21,21,32	3.59e-03	2.37e-03	2.08e-03	21,28,32	3.38e-03	2.48e-03	2.19e-03	19,26,30
	60.0	1.76e-03	4.73e-03	1.39e-03	17,17,31	1.62e-03	1.15e-03	9.63e-04	17,24,31				
	120.0	5.73e-03	0.02	5.40e-03	19,19,30	6.10e-03	4.69e-03	4.22e-03	19,26,30				
153	0.0	0.02	0.04	0.01	19,19,30	0.02	0.01	0.01	19,26,30	-2.35e-03	-1.78e-03	-1.59e-03	21,28,32
	75.0	0.01	0.03	8.98e-03	19,19,30	0.01	7.53e-03	6.51e-03	19,26,30				
	150.0	0.01	0.03	9.63e-03	19,19,30	0.01	7.73e-03	6.96e-03	19,26,30				
154	0.0	0.02	0.05	0.02	21,21,32	0.02	0.01	0.01	21,28,32	1.80e-03	1.32e-03	1.16e-03	19,26,30
	37.5	0.01	0.03	9.60e-03	21,21,32	0.01	7.94e-03	7.07e-03	21,28,32				
	75.0	3.12e-03	0.01	1.95e-03	21,21,32	3.62e-03	2.21e-03	1.80e-03	21,28,32				
155	0.0	0.02	0.05	0.02	21,21,32	0.02	0.01	0.01	21,28,32	-9.34e-04	-6.04e-04	-4.94e-04	19,26,30
	75.0	0.01	0.04	0.01	19,19,30	0.01	1.00e-02	8.62e-03	19,26,30				
	150.0	0.02	0.04	0.01	19,19,30	0.02	0.01	0.01	19,26,30				
156	0.0	5.77e-03	0.02	5.43e-03	19,19,30	5.97e-03	4.60e-03	4.14e-03	19,26,30	-1.28e-04	-9.40e-05	-8.27e-05	19,26,30
	5.0	6.37e-03	0.02	6.09e-03	19,19,30	6.52e-03	5.08e-03	4.60e-03	19,26,30				
	10.0	7.00e-03	0.02	6.78e-03	19,19,30	7.09e-03	5.58e-03	5.07e-03	19,26,30				
157	0.0	1.45e-03	5.53e-03	9.18e-04	19,19,31	1.89e-03	1.14e-03	8.85e-04	19,26,30	-2.13e-03	-1.58e-03	-1.40e-03	19,26,30
	37.5	8.59e-04	4.03e-03	9.63e-04	21,21,32	1.38e-03	1.10e-03	1.01e-03	21,28,32				
	75.0	2.44e-03	8.16e-03	1.51e-03	21,21,32	2.79e-03	1.72e-03	1.37e-03	21,28,32				
158	0.0	0.01	0.03	9.65e-03	19,19,30	0.01	7.74e-03	6.97e-03	19,26,30	-2.02e-03	-1.51e-03	-1.34e-03	19,26,30
	37.5	5.36e-03	0.02	4.48e-03	19,19,30	5.44e-03	3.91e-03	3.40e-03	19,26,30				
	75.0	1.45e-03	5.47e-03	9.20e-04	19,19,31	1.87e-03	1.12e-03	8.72e-04	19,26,30				
159	0.0	3.15e-03	0.01	1.98e-03	21,21,32	3.68e-03	2.25e-03	1.84e-03	21,28,32	-2.65e-04	-1.94e-04	-1.70e-04	19,26,30
	10.0	3.10e-03	0.01	2.17e-03	21,21,32	3.64e-03	2.32e-03	1.98e-03	21,28,32				
	20.0	2.96e-03	0.01	2.26e-03	21,21,32	3.52e-03	2.32e-03	2.04e-03	21,28,32				
160	0.0	7.45e-03	0.02	6.22e-03	19,19,30	7.37e-03	5.30e-03	4.61e-03	19,26,30	6.79e-04	5.03e-04	4.44e-04	19,26,30
	20.0	8.55e-03	0.02	7.52e-03	19,19,30	8.38e-03	6.23e-03	5.51e-03	19,26,30				
	40.0	9.97e-03	0.03	9.26e-03	19,19,30	9.69e-03	7.45e-03	6.70e-03	19,26,30				
161	0.0	0.03	0.08	0.02	21,21,32	0.03	0.02	0.02	21,28,32	2.40e-03	1.80e-03	1.61e-03	21,28,32
	75.0	0.02	0.05	0.02	21,21,32	0.02	0.01	0.01	21,28,32				
	150.0	2.94e-03	9.72e-03	1.87e-03	21,21,32	3.32e-03	2.07e-03	1.66e-03	21,28,32				
162	0.0	6.94e-03	0.02	6.73e-03	19,19,30	7.07e-03	5.56e-03	5.06e-03	19,26,30	2.47e-03	1.82e-03	1.60e-03	19,26,30
	55.0	5.95e-03	0.02	4.83e-03	19,19,30	6.16e-03	4.35e-03	3.74e-03	19,26,30				
	110.0	7.40e-03	0.02	6.19e-03	19,19,30	7.50e-03	5.38e-03	4.68e-03	19,26,30				
163	0.0	2.42e-03	8.06e-03	1.48e-03	21,21,32	2.75e-03	1.69e-03	1.35e-03	21,28,32	-2.68e-03	-1.99e-03	-1.76e-03	19,26,30
	75.0	0.02	0.05	0.02	21,21,32	0.02	0.01	0.01	21,28,32				
	150.0	0.03	0.08	0.02	21,21,32	0.03	0.02	0.02	21,28,32				
164	0.0	7.78e-03	0.02	5.99e-03	19,19,30	7.62e-03	5.22e-03	4.41e-03	19,26,30	3.55e-04	2.78e-04	2.53e-04	21,28,32
	35.0	8.47e-03	0.02	6.85e-03	19,19,30	8.26e-03	5.82e-03	5.01e-03	19,26,30				
	70.0	0.01	0.03	9.03e-03	19,19,30	9.81e-03	7.34e-03	6.52e-03	19,26,30				
165	0.0	5.18e-04	3.00e-03	6.91e-04	15,21,29	2.07e-03	6.24e-04	5.03e-04	21,28,32	-1.98e-03	-1.48e-03	-1.32e-03	21,28,32
	37.5	4.06e-03	0.01	3.55e-03	21,21,32	4.37e-03	3.21e-03	2.83e-03	21,28,32				
	75.0	8.86e-03	0.03	8.57e-03	21,21,32	8.78e-03	6.91e-03	6.29e-03	21,28,32				
167	0.0	2.97e-03	9.91e-03	1.89e-03	21,21,32	3.38e-03	2.12e-03	1.70e-03	21,28,32	2.04e-03	1.52e-03	1.35e-03	21,28,32
	37.5	1.63e-03	6.38e-03	1.51e-03	21,21,32	2.18e-03	1.63e-03	1.45e-03	21,28,32				
	75.0	5.17e-04	3.03e-03	6.89e-04	15,21,29	2.09e-03	6.31e-04	5.09e-04	21,28,32				
168	0.0	7.91e-03	0.02	5.89e-03	19,19,30	7.82e-03	5.25e-03	4.39e-03	19,26,30	-7.09e-04	-4.47e-04	-3.59e-04	19,26,30
	50.0	7.66e-03	0.02	5.49e-03	19,19,30	7.59e-03	4.99e-03	4.12e-03	19,26,30				
	100.0	9.42e-03	0.03	7.79e-03	19,19,30	9.22e-03	6.58e-03	5.71e-03	19,26,30				
169	0.0	0.01	0.04	0.01	21,21,32	0.01	9.79e-03	8.85e-03	21,28,32	3.34e-04	2.45e-04	2.17e-04	21,28,32

	75.0	0.01	0.03	9.29e-03	21,21,32	0.01	7.77e-03	6.83e-03	21,28,32				
	150.0	0.01	0.04	0.01	21,21,32	0.01	9.93e-03	8.99e-03	21,28,32				
170	0.0	9.93e-03	0.03	9.23e-03	19,19,30	9.69e-03	7.45e-03	6.70e-03	19,26,30	9.11e-04	6.74e-04	5.94e-04	19,26,30
	40.0	8.19e-03	0.02	6.74e-03	19,19,30	8.09e-03	5.76e-03	4.98e-03	19,26,30				
	80.0	7.75e-03	0.02	5.97e-03	19,19,30	7.68e-03	5.26e-03	4.45e-03	19,26,30				
171	0.0	0.01	0.03	9.02e-03	19,19,30	9.81e-03	7.34e-03	6.52e-03	19,26,30	8.76e-05	3.39e-05	-3.05e-05	17,24,31
	25.0	8.78e-03	0.03	7.12e-03	19,19,30	8.56e-03	6.04e-03	5.21e-03	19,26,30				
	50.0	7.92e-03	0.02	5.90e-03	19,19,30	7.77e-03	5.21e-03	4.36e-03	19,26,30				
172	0.0	8.81e-03	0.03	8.53e-03	21,21,32	8.78e-03	6.90e-03	6.29e-03	21,28,32	-2.58e-03	-1.93e-03	-1.72e-03	21,28,32
	75.0	8.68e-03	0.03	7.36e-03	21,21,32	8.66e-03	6.26e-03	5.48e-03	21,28,32				
	150.0	0.01	0.04	0.01	21,21,32	0.01	9.79e-03	8.85e-03	21,28,32				
173	0.0	0.01	0.03	9.46e-03	19,19,30	0.01	7.91e-03	7.00e-03	19,26,30	-2.32e-03	-1.57e-03	-1.32e-03	19,26,30
	60.0	8.31e-03	0.02	6.63e-03	19,19,30	8.45e-03	5.90e-03	5.06e-03	19,26,30				
	120.0	8.87e-03	0.03	7.69e-03	19,19,30	8.96e-03	6.58e-03	5.79e-03	19,26,30				
174	0.0	8.98e-03	0.03	7.51e-03	21,21,32	8.98e-03	6.38e-03	5.61e-03	21,28,32	-1.59e-03	-1.16e-03	-1.04e-03	21,28,32
	37.5	8.61e-03	0.03	7.45e-03	21,21,32	8.63e-03	6.26e-03	5.57e-03	21,28,32				
	75.0	9.37e-03	0.03	8.90e-03	21,21,32	9.33e-03	7.18e-03	6.57e-03	21,28,32				
175	0.0	9.42e-03	0.03	7.79e-03	19,19,30	9.22e-03	6.58e-03	5.70e-03	19,26,30	-2.49e-04	-1.63e-04	-1.34e-04	19,26,30
	10.0	0.01	0.03	8.59e-03	19,19,30	9.78e-03	7.13e-03	6.25e-03	19,26,30				
	20.0	0.01	0.03	9.50e-03	19,19,30	0.01	7.76e-03	6.88e-03	19,26,30				
176	0.0	0.01	0.04	0.01	21,21,32	0.01	9.93e-03	9.00e-03	21,28,32	-1.03e-03	-7.60e-04	-6.80e-04	21,28,32
	37.5	0.01	0.03	9.21e-03	21,21,32	0.01	7.63e-03	6.78e-03	21,28,32				
	75.0	8.98e-03	0.03	7.51e-03	21,21,32	8.96e-03	6.37e-03	5.61e-03	21,28,32				
177	0.0	8.84e-03	0.03	7.67e-03	19,19,30	9.18e-03	6.73e-03	5.91e-03	19,26,30	-1.22e-04	-8.34e-05	-7.07e-05	19,26,30
	5.0	8.99e-03	0.03	7.92e-03	19,19,30	9.32e-03	6.90e-03	6.09e-03	19,26,30				
	10.0	9.17e-03	0.03	8.21e-03	19,19,30	9.48e-03	7.09e-03	6.29e-03	19,26,30				
178	0.0	2.82e-03	9.76e-03	1.83e-03	19,19,31	3.33e-03	2.04e-03	1.61e-03	19,26,30	-2.76e-03	-1.97e-03	-1.78e-03	21,28,32
	75.0	0.02	0.05	0.02	19,19,30	0.02	0.01	0.01	19,26,30				
	150.0	0.03	0.08	0.02	19,19,30	0.03	0.02	0.02	19,26,30				
179	0.0	9.39e-03	0.03	8.92e-03	21,21,32	9.35e-03	7.19e-03	6.58e-03	21,28,32	4.18e-03	3.06e-03	2.74e-03	21,28,32
	75.0	1.21e-03	5.26e-03	5.18e-04	18,21,32	1.80e-03	1.05e-03	8.66e-04	21,25,32				
	150.0	2.85e-03	9.82e-03	1.82e-03	19,19,31	3.35e-03	2.06e-03	1.63e-03	19,26,30				
180	0.0	9.19e-03	0.03	8.22e-03	19,19,30	9.49e-03	7.09e-03	6.29e-03	19,26,30	3.19e-03	2.19e-03	1.86e-03	19,26,30
	55.0	3.54e-03	0.01	2.26e-03	19,19,30	4.34e-03	2.74e-03	2.21e-03	19,26,30				
	110.0	1.75e-03	4.68e-03	1.92e-03	17,17,31	1.60e-03	1.40e-03	1.32e-03	17,24,31				
187	0.0	0.04	0.12	0.03	21,21,32	0.04	0.03	0.02	21,28,32	-0.05	-0.03	-0.03	21,28,32
	92.5	0.01	0.05	0.01	21,21,32	0.02	0.01	9.58e-03	21,28,32				
	185.0	2.87e-05	0.01	3.83e-05	15,21,29	5.70e-03	3.98e-03	3.41e-03	21,28,32				
188	0.0	0.07	0.20	0.05	21,21,32	0.07	0.05	0.04	21,28,32	-0.06	-0.04	-0.04	21,28,32
	92.5	0.03	0.09	0.02	21,21,32	0.03	0.02	0.02	21,28,32				
	185.0	3.69e-05	0.02	4.92e-05	17,21,31	6.07e-03	4.24e-03	3.63e-03	21,28,32				
189	0.0	0.07	0.19	0.05	21,21,32	0.07	0.05	0.04	21,28,32	-0.06	-0.04	-0.04	21,28,32
	92.5	0.03	0.09	0.02	21,21,32	0.03	0.02	0.02	21,28,32				
	185.0	5.11e-05	0.01	6.40e-05	17,19,31	4.81e-03	3.35e-03	2.87e-03	21,28,32				
190	0.0	0.03	0.07	0.02	21,21,32	0.02	0.02	0.01	21,28,32	0.03	0.02	0.02	21,28,32
	92.5	9.06e-03	0.03	5.37e-03	21,21,32	9.00e-03	5.29e-03	4.09e-03	21,28,32				
	185.0	4.40e-05	2.14e-03	5.26e-05	17,19,31	8.61e-04	5.90e-04	5.00e-04	21,28,32				

Trave	rRfck	rRfyk	rPfck	wR	wF	wP	dR	dF	dP
							-0.06	-0.04	-0.04
	0.07	0.20	0.05	0.07	0.05	0.04	0.03	0.02	0.02

VERIFICHE S.L. ELEMENTI IN LEGNO

LEGENDA TABELLA VERIFICHE S.L. ELEMENTI IN LEGNO

Il programma consente la verifica dei seguenti tipi di elementi:
1. aste 2. travi 3. pilastri

L'esito delle verifiche è espresso con un codice come di seguito indicato:
ok: verifica con esito positivo
NV: verifica con esito negativo

Le verifiche sono condotte in ottemperanza alle NTC 17 Gennaio 2018 seguendo anche le indicazioni analitiche riportate nella norma tecnica UNI EN 1995-1-1:2014 "Eurocodice 5 - Progettazione delle strutture di legno - Parte 1-1: Regole generali - Regole comuni e regole per gli edifici" ; in particolare le verifiche effettuate sono riconducibili ai punti:

- 4.4.8 Stati limite ultimi
- 4.4.8.1.7 Tensoflessione
- 4.4.8.1.8 Pressoflessione
- 4.4.8.1.11 Taglio e torsione
- 4.4.8.2.1 Elementi inflessi
- 4.4.8.2.2 Elementi compressi

Le verifiche effettuate sono dettagliatamente riportate come da tabella seguente:

Elem.	Numero dell'elemento
Tipo	Codice di individuazione del tipo di elemento: trave (T) pilastro (P) asta (A)
Stato	Codice della verifica: ok verificato, NV non verificato
Note	Numero della sezione (s) e del materiale (m) dell'archivio
Ver N+/M	Verifica come da formule 4.4.6a e 4.4.6b per tensoflessione I valori di Km utilizzati nelle formule sono definiti dal paragrafo 4.4.8.1.6 (0,7 per sezioni trasversali rettangolari; 1 per altre sezioni trasversali)
Ver N-/M	Verifica come da formule 4.4.7a e 4.4.7b per pressoflessione I valori di Km utilizzati nelle formule sono definiti dal paragrafo 4.4.8.1.6 (0,7 per sezioni trasversali rettangolari; 1 per altre sezioni trasversali)
Ver V/T	Verifica come da formula 4.4.10 (taglio torsione) con interazione ottenuta per quadratura del termine di taglio
Ver N(s)	Verifica instabilità come da formula 4.4.13
Kcy(z)	Fattore di instabilità utilizzato nella formula 4.4.13. Per elementi con snellezza relativa <= 0,3 Kcy(z) è posto = 1 , altrimenti Kcy(z) viene definito dalla 4.4.15
Ver M(s)	Verifica come da formula 4.4.11 (effettuata in entrambi i piani principali) per instabilità laterale
Kcrit (y) / (z)	Fattore di instabilità laterale utilizzato nella formula 4.4.11 rispettivamente per la flessione y e z. Kcrit (y) / (z) viene definito dalla 4.4.12
w,net R	Massima deformazione normalizzata in esercizio (R rara, F frequente, P quasi permanente)
w,net Ri	Massima deformazione normalizzata in esercizio valutata a tempo infinito (R rara, F frequente, P quasi permanente)
kdef	Fattore di deformazione dell' elemento
Rif. cmb	Numero della combinazione in cui si è attinto il valore riportato per le verifiche

Le verifiche sono espresse dal rapporto tra domanda e capacità, affinché la verifica sia positiva il rapporto deve essere inferiore o uguale a 1. La capacità è affetta dal termine **kmod**, espressione della classe di servizio e della durata dei carichi (si considera a livello di combinazione il caso di carico di minor durata).

Le deformazioni dell'elemento sono espresse in **f*xxx/L**, in base al fattore di conversione impostato per la rappresentazione della freccia (esempio: L/300) e sono rappresentate sia in condizioni istantanee, che a tempo infinito.

Il valore della deformazione a tempo infinito è calcolata utilizzando i valori medi dei moduli elastici ridotti opportunamente mediante il fattore **1/(1+kdef).** Il valore della deformazione a tempo infinito per una combinazione di carichi è ottenuta sommando per ogni caso di carico sia il valore istantaneo che il valore ottenuto dall' aliquota quasi-permanente amplificata del fattore kdef (formula C.4.4.3). La relazione riporta a titolo informativo anche i valori per combinazioni frequenti e quasi permanenti, ma la norma richiede il controllo solo per le combinazioni rare (caratteristiche). Affinché la verifica sia positiva il rapporto deve essere inferiore o uguale a 1.

Si precisa che i valori di massima deformazione per travi sono riferiti ai due piani locali (1-2 con momenti flettenti 3-3 ed 1-3 con momenti flettenti 2-2).

Elem. Note	Pos. cm	Ver N+/M	Ver N-/M	Ver V/T	Rif. cmb	Ver N(s)	Kcy	Kcz	Ver M(s)	Kcrit(y)	Kcrit(z)	Rif. cmb
1 okT,s=2,m=132	0.0	6.94e-03	3.53e-03	1.79e-04	9,1,1	3.75e-03	0.2	1.0	8.08e-04	1.0	1.0	1,3
	60.0	5.29e-03	1.72e-03	1.94e-04	9,1,1	2.22e-03	0.2	1.0	8.08e-04	1.0	1.0	3,3
	120.0	8.11e-03	5.04e-03	2.51e-04	9,1,1	5.26e-03	0.2	1.0	8.08e-04	1.0	1.0	1,3
2 okP,s=3,m=132	0.0	0.6		1.49e-02	11,0,12							0,0
	75.0	0.3		1.49e-02	9,0,12							0,0
	150.0	2.90e-02		1.49e-02	9,0,12							0,0
3 okT,s=2,m=132	0.0		5.57e-05	7.05e-03	0,9,11	7.60e-03	1.0	1.0	7.60e-03	1.0	1.0	9,9
	80.0		5.10e-02	4.03e-03	0,11,9	5.85e-02	1.0	1.0	9.90e-03	1.0	1.0	11,11
	160.0		5.73e-02	7.18e-03	0,12,4	6.47e-02	1.0	1.0	1.02e-02	1.0	1.0	12,9
4 okT,s=2,m=132	0.0	2.53e-02	3.11e-03	2.97e-03	9,1,9	3.34e-03	0.2	1.0	7.77e-04	1.0	1.0	1,3
	60.0	7.45e-03	1.63e-03	2.97e-03	9,1,9	2.05e-03	0.2	1.0	7.77e-04	1.0	1.0	3,3
	120.0	1.98e-02	4.77e-03	2.97e-03	9,1,9	4.99e-03	0.2	1.0	7.77e-04	1.0	1.0	1,3
5 okT,s=2,m=132	0.0		0.1	1.16e-02	0,11,4	0.1	1.0	1.0	2.88e-02	1.0	1.0	11,11
	75.0		4.04e-02	4.00e-03	0,9,11	5.74e-02	1.0	1.0	1.86e-02	1.0	1.0	9,9
	150.0		2.90e-04	3.06e-03	0,9,12	1.72e-02	1.0	1.0	1.72e-02	1.0	1.0	9,9
6 okT,s=2,m=132	0.0	5.24e-03	2.65e-03	1.69e-03	11,3,11	2.69e-03	0.2	1.0	1.45e-04	1.0	1.0	3,1
	60.0	4.70e-03	1.36e-03	1.66e-03	11,3,14	1.39e-03	0.2	1.0	1.45e-04	1.0	1.0	3,1
	120.0	6.48e-03	2.59e-03	1.69e-03	11,3,11	2.62e-03	0.2	1.0	1.45e-04	1.0	1.0	3,1
7 okT,s=3,m=132	0.0	5.11e-02	3.71e-03	7.36e-02	12,1,11	4.38e-02	0.9	4.35e-02	4.12e-02	1.0	1.0	1,3
	68.5	0.2	2.54e-03	6.07e-02	12,1,11	4.29e-02	0.9	4.35e-02	4.12e-02	1.0	1.0	1,3
	137.0	5.77e-02	5.18e-03	7.30e-02	9,1,11	4.47e-02	0.9	4.35e-02	4.12e-02	1.0	1.0	1,3
8 okT,s=3,m=132	0.0	5.77e-02	4.36e-03	7.42e-02	12,1,11	4.74e-02	0.9	4.35e-02	4.43e-02	1.0	1.0	1,1
	68.5	0.2	2.41e-03	6.21e-02	12,1,11	4.61e-02	0.9	4.35e-02	4.43e-02	1.0	1.0	1,1
	137.0	4.75e-02	4.70e-03	7.52e-02	12,1,11	4.77e-02	0.9	4.35e-02	4.43e-02	1.0	1.0	1,1
9 okT,s=3,m=132	0.0	0.1	4.09e-03	0.1	9,1,11	3.45e-02	0.9	4.35e-02	3.20e-02	1.0	1.0	3,3
	68.5	0.2	2.44e-03	0.1	9,1,11	3.36e-02	0.9	4.35e-02	3.20e-02	1.0	1.0	3,3
	137.0	0.1	5.22e-03	0.2	9,1,11	3.49e-02	0.9	4.35e-02	3.21e-02	1.0	1.0	3,3
10 okT,s=6,m=132	0.0	9.25e-02	0.0	8.58e-02	9,0,11	0.0	0.4	0.4	6.81e-03	1.0	1.0	0,11
	101.6	0.2	0.0	8.58e-02	9,0,11	0.0	0.4	0.4	2.95e-02	1.0	1.0	0,12
	203.1	0.4	8.09e-03	8.58e-02	9,5,11	8.78e-03	0.4	0.4	0.2	1.0	1.0	5,11
11 okP,s=3,m=132	0.0		0.4	5.32e-02	0,11,12	0.4	0.4	0.4				9,0
	75.0		0.2	5.32e-02	0,11,12	0.2	0.4	0.4				9,0
	150.0		6.77e-03	5.32e-02	0,12,12	4.07e-02	0.4	0.4				9,0
12 okT,s=2,m=132	0.0		6.64e-06	1.41e-02	0,11,4	3.03e-03	0.9	1.0	3.03e-03	1.0	1.0	11,11
	80.0		7.37e-02	8.81e-04	0,4,3	7.58e-02	0.9	1.0	7.27e-03	1.0	1.0	4,4

	160.0		8.18e-02	2.58e-02	0,3,3	8.19e-02	0.9	1.0	6.73e-03	1.0	1.0	3,3
13 okT,s=2,m=132	0.0		0.1	3.02e-02	0,11,4	0.2	0.9	1.0	3.28e-02	1.0	1.0	11,11
	75.0		4.13e-02	2.59e-03	0,7,4	5.42e-02	0.9	1.0	1.70e-02	1.0	1.0	9,9
	150.0		2.08e-04	8.81e-03	0,9,3	1.70e-02	0.9	1.0	1.70e-02	1.0	1.0	9,9
14 okP,s=3,m=132	0.0		0.9	9.93e-02	0,9,11	0.9	0.4	0.4				9,0
	75.0		0.4	9.93e-02	0,9,11	0.4	0.4	0.4				9,0
	150.0		1.23e-02	9.93e-02	0,9,11	1.55e-02	0.4	0.4				9,0
15 okP,s=3,m=132	0.0	4.66e-03	4.71e-02	1.80e-02	1,11,11	6.87e-02	0.4	0.4				14,0
	75.0	5.79e-03	1.24e-02	1.80e-02	1,11,11	3.31e-02	0.4	0.4				14,0
	150.0	9.77e-03	3.17e-02	1.80e-02	1,14,11	5.22e-02	0.4	0.4				14,0
16 okT,s=3,m=132	0.0	0.8	2.54e-03	0.2	12,1,11	2.26e-02	0.9	4.35e-02	0.6	1.0	1.0	3,11
	68.5	0.2	3.50e-03	0.2	9,1,11	2.26e-02	0.9	4.35e-02	4.24e-02	1.0	1.0	3,9
	137.0	0.1	5.10e-03	0.1	9,1,11	2.38e-02	0.9	4.35e-02	2.08e-02	1.0	1.0	3,3
17 okT,s=3,m=132	0.0	9.43e-02	5.19e-03	0.2	12,1,11	5.06e-02	0.9	4.35e-02	4.78e-02	1.0	1.0	3,3
	68.5	0.2	2.49e-03	0.1	12,1,11	4.93e-02	0.9	4.35e-02	4.78e-02	1.0	1.0	3,3
	137.0	0.1	4.22e-03	0.1	12,1,11	5.03e-02	0.9	4.35e-02	4.78e-02	1.0	1.0	3,3
18 okT,s=2,m=132	0.0	1.61e-03	0.0	1.37e-02	9,7,4	2.95e-05	0.9	1.0	2.95e-05	1.0	1.0	7,7
	80.0	7.44e-02	5.39e-02	8.52e-04	4,3,3	5.39e-02	0.9	1.0	5.34e-03	1.0	1.0	3,4
	160.0	4.98e-02	8.08e-02	2.57e-02	12,3,3	8.08e-02	0.9	1.0	6.53e-03	1.0	1.0	3,3
19 okT,s=2,m=132	0.0		0.1	2.98e-02	0,11,4	0.1	0.9	1.0	2.73e-02	1.0	1.0	11,11
	75.0		4.21e-02	2.72e-03	0,3,11	4.64e-02	0.9	1.0	1.23e-02	1.0	1.0	12,9
	150.0		1.11e-04	8.71e-03	0,9,3	1.23e-02	0.9	1.0	1.23e-02	1.0	1.0	9,9
20 okP,s=3,m=132	0.0		0.4	0.1	0,9,11	0.4	0.4	0.4				9,0
	75.0		0.2	0.1	0,12,11	0.2	0.4	0.4				9,0
	150.0		5.83e-03	0.1	0,11,11	1.05e-02	0.4	0.4				9,0
21 okP,s=3,m=132	0.0	0.0	0.9	9.83e-02	0,12,11	0.9	0.4	0.4				12,0
	75.0	8.64e-04	0.4	9.83e-02	1,9,11	0.4	0.4	0.4				12,0
	150.0	8.85e-03	1.29e-02	9.83e-02	4,12,11	1.44e-02	0.4	0.4				12,0
22 okP,s=3,m=132	0.0		1.0	5.56e-02	0,9,11	1.0	0.4	0.4				9,0
	75.0		0.5	5.56e-02	0,11,11	0.5	0.4	0.4				9,0
	150.0		7.47e-03	5.56e-02	0,12,11	1.34e-02	0.4	0.4				9,0
23 okP,s=3,m=132	0.0	0.0	1.0	5.78e-02	0,11,11	1.0	0.4	0.4				11,0
	75.0	0.0	0.5	5.78e-02	0,11,11	0.5	0.4	0.4				14,0
	150.0	7.89e-04	6.94e-03	5.78e-02	1,11,11	9.04e-03	0.4	0.4				12,0
24 okT,s=2,m=132	0.0	4.35e-03	0.0	1.39e-02	9,7,4	3.26e-05	0.9	1.0	3.26e-05	1.0	1.0	7,7
	80.0	7.60e-02	5.35e-02	1.02e-03	4,3,3	5.35e-02	0.9	1.0	5.29e-03	1.0	1.0	3,4
	160.0	5.23e-02	8.15e-02	2.59e-02	12,3,3	8.15e-02	0.9	1.0	6.66e-03	1.0	1.0	3,3
25 okT,s=2,m=132	0.0		0.1	2.96e-02	0,4,4	0.1	0.9	1.0	2.53e-02	1.0	1.0	11,11
	75.0		4.14e-02	2.42e-03	0,3,11	4.44e-02	0.9	1.0	1.01e-02	1.0	1.0	12,9
	150.0		7.39e-05	8.83e-03	0,9,3	1.01e-02	0.9	1.0	1.01e-02	1.0	1.0	9,9
26 okT,s=2,m=132	0.0	6.51e-03	1.78e-03	5.63e-03	12,3,11	1.83e-03	0.2	1.0	1.34e-04	1.0	1.0	3,1
	60.0	5.90e-03	1.77e-03	5.61e-03	11,3,14	1.82e-03	0.2	1.0	1.34e-04	1.0	1.0	3,1
	120.0	2.95e-03	2.66e-03	5.67e-03	4,3,11	2.71e-03	0.2	1.0	1.34e-04	1.0	1.0	3,1
27 okT,s=2,m=132	0.0	1.23e-02	2.48e-03	3.87e-03	11,3,11	2.50e-03	0.2	1.0	1.27e-04	1.0	1.0	3,1
	60.0	1.13e-02	1.41e-03	3.84e-03	11,3,11	1.43e-03	0.2	1.0	1.27e-04	1.0	1.0	3,1
	120.0	1.28e-02	2.64e-03	3.88e-03	11,3,11	2.66e-03	0.2	1.0	1.27e-04	1.0	1.0	3,1
28 okT,s=2,m=132	0.0	3.96e-03		0.2	14,0,12				2.39e-06	1.0	1.0	0,14
	9.0	6.54e-03		0.2	9,0,12				1.39e-05	1.0	1.0	0,14
	18.0	9.39e-03		0.2	9,0,12				3.50e-05	1.0	1.0	0,14
29 okP,s=3,m=132	0.0	5.43e-03	0.1	2.25e-02	1,11,11	0.1	0.4	0.4				14,0
	75.0	6.47e-03	4.12e-02	2.25e-02	1,11,11	6.05e-02	0.4	0.4				14,0
	150.0	1.00e-02	5.46e-02	2.25e-02	1,14,11	7.37e-02	0.4	0.4				14,0
31 okT,s=2,m=132	0.0		0.1	3.00e-02	0,11,4	0.1	0.9	1.0	2.57e-02	1.0	1.0	11,11
	75.0		4.12e-02	2.81e-03	0,3,11	4.66e-02	0.9	1.0	1.03e-02	1.0	1.0	12,9
	150.0		7.61e-05	8.76e-03	0,9,3	1.02e-02	0.9	1.0	1.02e-02	1.0	1.0	9,9
32 okT,s=2,m=132	0.0	1.15e-02		0.2	9,0,12				7.18e-05	1.0	1.0	0,14
	8.5	9.06e-03		0.2	9,0,12				4.49e-05	1.0	1.0	0,14
	17.0	6.71e-03		0.2	11,0,12				2.42e-05	1.0	1.0	0,14
33 okT,s=2,m=132	0.0	9.60e-03	1.49e-03	8.01e-03	12,3,14	1.51e-03	0.2	1.0	6.29e-05	1.0	1.0	3,1
	60.0	2.45e-02	2.38e-03	8.29e-03	12,3,11	2.39e-03	0.2	1.0	4.31e-04	1.0	1.0	3,12
	120.0	5.58e-02	1.71e-03	8.66e-03	11,3,11	1.73e-03	0.2	1.0	2.63e-03	1.0	1.0	3,11
34 okT,s=2,m=132	0.0	6.66e-03		2.12e-02	14,0,11				1.95e-05	1.0	1.0	0,14
	60.0	6.38e-03		2.12e-02	12,0,11				1.93e-05	1.0	1.0	0,14
	120.0	1.17e-02		2.13e-02	11,0,11				5.85e-05	1.0	1.0	0,11
35 okT,s=2,m=132	0.0	3.28e-02	2.53e-03	4.06e-03	14,1,11	2.57e-03	0.2	1.0	6.58e-04	1.0	1.0	1,11
	60.0	2.11e-02	1.20e-03	4.06e-03	12,1,11	1.58e-03	0.2	1.0	4.11e-04	1.0	1.0	3,3
	120.0	6.56e-02	1.96e-03	4.06e-03	14,3,11	2.37e-03	0.2	1.0	1.50e-03	1.0	1.0	3,14
36 okT,s=2,m=132	0.0	5.29e-03	0.0	1.35e-02	9,7,4	3.27e-05	0.9	1.0	3.27e-05	1.0	1.0	7,7
	80.0	7.80e-02	5.37e-02	8.20e-04	4,3,3	5.37e-02	0.9	1.0	5.12e-03	1.0	1.0	3,4
	160.0	5.70e-02	8.11e-02	2.57e-02	12,3,3	8.11e-02	0.9	1.0	6.60e-03	1.0	1.0	3,3
37 okT,s=2,m=132	0.0		0.1	2.91e-02	0,11,4	0.1	0.9	1.0	2.23e-02	1.0	1.0	11,11

	75.0		4.20e-02	2.35e-03	0,3,4	4.37e-02	0.9	1.0	8.73e-03	1.0	1.0	12,9
	150.0		5.46e-05	8.75e-03	0,9,3	8.68e-03	0.9	1.0	8.68e-03	1.0	1.0	9,9
38 okT,s=2,m=132	0.0	5.04e-03	0.0	1.37e-02	9,7,4	3.16e-05	0.9	1.0	3.16e-05	1.0	1.0	7,7
	80.0	7.79e-02	5.33e-02	8.95e-04	4,3,3	5.33e-02	0.9	1.0	5.34e-03	1.0	1.0	3,4
	160.0	5.75e-02	8.17e-02	2.58e-02	12,3,3	8.18e-02	0.9	1.0	6.70e-03	1.0	1.0	3,3
39 okT,s=2,m=132	0.0	1.50e-02		0.1	11,0,12				4.15e-05	1.0	1.0	0,9
	42.5	1.35e-02		0.1	11,0,12				4.54e-05	1.0	1.0	0,14
	85.0	2.63e-02		0.1	11,0,12				3.96e-04	1.0	1.0	0,14
40 okT,s=2,m=132	0.0	1.43e-02		0.3	11,0,14				5.27e-05	1.0	1.0	0,9
	17.0	7.45e-03		0.3	11,0,14				8.27e-06	1.0	1.0	0,1
	34.0	1.41e-02		0.3	11,0,14				1.02e-04	1.0	1.0	0,14
41 okT,s=2,m=132	0.0	7.58e-03	5.85e-03	6.34e-04	9,1,12	6.08e-03	0.2	1.0	8.25e-04	1.0	1.0	1,3
	60.0	6.00e-03	1.68e-03	6.25e-04	11,3,12	2.51e-03	0.2	1.0	8.25e-04	1.0	1.0	3,3
	120.0	6.71e-03	3.65e-03	6.25e-04	11,1,12	3.87e-03	0.2	1.0	8.25e-04	1.0	1.0	1,3
42 okT,s=2,m=132	0.0	3.82e-03	0.0	1.28e-02	9,7,4	2.78e-05	0.9	1.0	2.78e-05	1.0	1.0	7,7
	80.0	7.43e-02	5.36e-02	8.58e-04	4,3,3	5.36e-02	0.9	1.0	4.54e-03	1.0	1.0	3,4
	160.0	6.49e-02	8.13e-02	2.57e-02	4,3,3	8.13e-02	0.9	1.0	6.62e-03	1.0	1.0	3,3
43 okT,s=2,m=132	0.0		0.1	2.80e-02	0,4,4	0.1	0.9	1.0	1.84e-02	1.0	1.0	11,11
	75.0		4.16e-02	1.97e-03	0,3,4	4.17e-02	0.9	1.0	7.43e-03	1.0	1.0	3,9
	150.0		3.88e-05	8.72e-03	0,9,3	7.32e-03	0.9	1.0	7.32e-03	1.0	1.0	9,9
44 okT,s=2,m=132	0.0	1.01e-02	2.68e-03	7.43e-03	11,3,11	2.70e-03	0.2	1.0	1.08e-04	1.0	1.0	3,1
	60.0	9.07e-03	1.68e-03	7.38e-03	11,3,11	1.71e-03	0.2	1.0	1.08e-04	1.0	1.0	3,1
	120.0	6.35e-03	1.90e-03	7.40e-03	12,3,11	1.93e-03	0.2	1.0	1.08e-04	1.0	1.0	3,1
45 okT,s=2,m=132	0.0	1.87e-02		0.3	11,0,12				1.94e-04	1.0	1.0	0,14
	17.5	1.12e-02		0.3	11,0,12				2.73e-05	1.0	1.0	0,14
	35.0	1.14e-02		0.3	11,0,12				4.26e-05	1.0	1.0	0,1
46 okT,s=2,m=132	0.0	3.11e-02	2.27e-03	2.80e-03	9,10,14	2.74e-03	0.2	1.0	7.07e-04	1.0	1.0	3,14
	60.0	6.26e-03	7.64e-04	2.80e-03	14,7,14	1.37e-03	0.2	1.0	6.07e-04	1.0	1.0	7,7
	120.0	2.67e-02	7.82e-04	2.80e-03	9,10,14	1.17e-03	0.2	1.0	6.07e-04	1.0	1.0	10,7
47 okT,s=2,m=132	0.0	8.27e-03	2.65e-03	1.13e-03	11,3,11	2.68e-03	0.2	1.0	1.43e-04	1.0	1.0	3,1
	60.0	8.14e-03	1.34e-03	1.09e-03	11,3,14	1.37e-03	0.2	1.0	1.43e-04	1.0	1.0	3,1
	120.0	1.07e-02	2.61e-03	1.12e-03	11,3,11	2.63e-03	0.2	1.0	1.43e-04	1.0	1.0	3,1
48 okT,s=2,m=132	0.0	5.27e-04	0.0	1.25e-02	12,3,4	5.69e-05	0.9	1.0	5.69e-05	1.0	1.0	3,3
	80.0	6.91e-02	5.35e-02	8.78e-04	4,3,3	5.35e-02	0.9	1.0	4.03e-03	1.0	1.0	3,4
	160.0	7.22e-02	8.15e-02	2.57e-02	4,3,3	8.16e-02	0.9	1.0	6.68e-03	1.0	1.0	3,3
49 okT,s=2,m=132	0.0		0.1	2.72e-02	0,4,4	0.1	0.9	1.0	1.64e-02	1.0	1.0	4,4
	75.0		4.16e-02	1.89e-03	0,3,4	4.18e-02	0.9	1.0	7.76e-03	1.0	1.0	3,9
	150.0		4.18e-05	8.64e-03	0,9,3	7.60e-03	0.9	1.0	7.60e-03	1.0	1.0	9,9
50 okT,s=2,m=132	0.0	9.81e-03	2.26e-03	3.46e-04	9,10,9	2.63e-03	0.2	1.0	5.16e-04	1.0	1.0	3,7
	60.0	6.15e-03	6.21e-04	3.43e-04	9,10,9	1.09e-03	0.2	1.0	5.16e-04	1.0	1.0	3,7
	120.0	6.85e-03	2.78e-03	3.52e-04	11,3,9	3.25e-03	0.2	1.0	5.16e-04	1.0	1.0	3,7
51 okT,s=2,m=132	0.0	2.10e-02		0.1	11,0,12				2.53e-04	1.0	1.0	0,14
	43.0	8.69e-03		0.1	11,0,12				9.86e-06	1.0	1.0	0,14
	86.0	1.76e-02		0.1	11,0,12				9.34e-05	1.0	1.0	0,9
52 okT,s=2,m=132	0.0	2.61e-02		0.2	11,0,9				3.79e-04	1.0	1.0	0,14
	34.5	1.14e-02		0.2	11,0,9				2.98e-05	1.0	1.0	0,14
	69.0	1.71e-02		0.2	11,0,9				7.35e-05	1.0	1.0	0,9
53 okT,s=2,m=132	0.0	1.12e-02		2.14e-02	11,0,12				4.51e-05	1.0	1.0	0,9
	51.5	5.26e-03		2.14e-02	11,0,12				6.54e-06	1.0	1.0	0,1
	103.0	1.22e-02		2.14e-02	11,0,12				5.03e-05	1.0	1.0	0,9
54 okT,s=2,m=132	0.0		3.79e-06	5.45e-03	0,9,4	1.98e-03	1.0	1.0	1.98e-03	1.0	1.0	9,9
	80.0		3.47e-02	3.43e-03	0,4,9	3.62e-02	1.0	1.0	2.67e-03	1.0	1.0	4,11
	160.0		4.32e-02	8.52e-03	0,3,4	4.38e-02	1.0	1.0	2.55e-03	1.0	1.0	3,4
55 okT,s=2,m=132	0.0		6.77e-02	9.14e-03	0,4,4	6.81e-02	1.0	1.0	4.20e-03	1.0	1.0	4,4
	75.0		2.02e-02	2.82e-03	0,7,14	2.09e-02	1.0	1.0	1.14e-03	1.0	1.0	3,3
	150.0		1.19e-06	3.24e-03	0,1,4	1.11e-03	1.0	1.0	1.11e-03	1.0	1.0	1,1
56 okT,s=2,m=132	0.0	1.18e-02	2.57e-03	3.03e-03	11,3,11	2.59e-03	0.2	1.0	1.37e-04	1.0	1.0	3,1
	60.0	1.08e-02	1.42e-03	3.00e-03	11,3,11	1.44e-03	0.2	1.0	1.37e-04	1.0	1.0	3,1
	120.0	1.21e-02	2.54e-03	3.04e-03	11,3,11	2.56e-03	0.2	1.0	1.37e-04	1.0	1.0	3,1
57 okT,s=2,m=132	0.0	5.76e-03		1.36e-02	11,0,11				8.51e-06	1.0	1.0	0,11
	60.0	7.25e-03		1.36e-02	9,0,11				3.02e-05	1.0	1.0	0,14
	120.0	1.17e-02		1.36e-02	9,0,11				7.03e-05	1.0	1.0	0,14
58 okT,s=3,m=132	0.0	3.23e-02	5.10e-03	1.38e-02	9,1,9	3.86e-02	0.9	4.35e-02	3.57e-02	1.0	1.0	1,3
	68.5	0.2	2.39e-03	1.22e-03	12,1,9	3.70e-02	0.9	4.35e-02	3.57e-02	1.0	1.0	3,3
	137.0	3.02e-02	3.82e-03	1.39e-02	12,1,9	3.78e-02	0.9	4.35e-02	3.57e-02	1.0	1.0	3,3
59 okT,s=2,m=132	0.0		1.72e-02	0.1	0,11,12				1.46e-02	1.0	1.0	0,11
	5.0		2.33e-02	0.1	0,9,12				1.47e-02	1.0	1.0	0,11
	10.0		2.95e-02	0.1	0,9,12				1.48e-02	1.0	1.0	0,11
60 okT,s=2,m=132	0.0	1.84e-02	4.88e-03	1.17e-03	9,1,12	5.09e-03	0.2	1.0	7.08e-04	1.0	1.0	1,3
	60.0	7.27e-03	1.59e-03	1.17e-03	9,1,12	1.79e-03	0.2	1.0	7.08e-04	1.0	1.0	1,3
	120.0	1.12e-02	3.11e-03	1.17e-03	9,1,12	3.32e-03	0.2	1.0	7.08e-04	1.0	1.0	1,3

61 okT,s=2,m=132	0.0	3.52e-02	1.82e-03	5.12e-04	14,7,4	2.21e-03	0.2	1.0	9.55e-04	1.0	1.0	7,14
	60.0	1.88e-02	5.91e-04	4.26e-04	9,7,8	9.75e-04	0.2	1.0	3.83e-04	1.0	1.0	7,7
	120.0	1.08e-02	3.09e-03	3.96e-04	14,5,3	3.09e-03	0.2	1.0	3.83e-04	1.0	1.0	5,7
62 okT,s=2,m=132	0.0	1.61e-02		0.3	11,0,11				9.29e-05	1.0	1.0	0,9
	25.5	9.45e-03		0.3	14,0,11				1.75e-05	1.0	1.0	0,14
	51.0	2.43e-02		0.3	11,0,11				3.23e-04	1.0	1.0	0,14
63 okT,s=2,m=132	0.0	5.29e-02	1.70e-03	8.05e-03	11,3,11	1.74e-03	0.2	1.0	2.65e-03	1.0	1.0	3,11
	60.0	2.27e-02	2.44e-03	7.67e-03	12,3,11	2.48e-03	0.2	1.0	4.05e-04	1.0	1.0	3,12
	120.0	1.16e-02	1.41e-03	7.39e-03	12,3,14	1.45e-03	0.2	1.0	8.24e-05	1.0	1.0	3,1
64 okT,s=3,m=132	0.0	0.8		0.2	9,0,9				0.5	1.0	1.0	0,9
	80.0	0.1		0.1	9,0,9				6.40e-03	1.0	1.0	0,11
	160.0	0.2		7.94e-02	9,0,9				3.54e-02	1.0	1.0	0,9
65 okT,s=2,m=132	0.0		1.58e-03	1.91e-02	0,11,12	1.77e-02	0.9	1.0	1.66e-02	1.0	1.0	9,9
	5.0		9.49e-03	1.90e-02	0,3,12	2.15e-02	0.9	1.0	1.66e-02	1.0	1.0	12,9
	10.0		1.91e-02	1.90e-02	0,3,12	2.55e-02	0.9	1.0	1.66e-02	1.0	1.0	12,9
66 okT,s=2,m=132	0.0		1.58e-03	1.18e-02	0,11,3	1.39e-02	0.9	1.0	1.25e-02	1.0	1.0	9,9
	5.0		9.69e-03	1.18e-02	0,3,3	1.77e-02	0.9	1.0	1.25e-02	1.0	1.0	11,9
	10.0		1.94e-02	1.19e-02	0,3,3	2.58e-02	0.9	1.0	1.25e-02	1.0	1.0	4,9
67 okT,s=2,m=132	0.0		2.08e-04	1.16e-02	0,14,3	1.01e-02	0.9	1.0	9.98e-03	1.0	1.0	9,9
	5.0		9.61e-03	1.16e-02	0,3,3	1.55e-02	0.9	1.0	9.98e-03	1.0	1.0	4,9
	10.0		1.92e-02	1.17e-02	0,3,3	2.41e-02	0.9	1.0	9.98e-03	1.0	1.0	4,9
68 okT,s=2,m=132	0.0		1.22e-03	1.16e-02	0,11,3	1.16e-02	0.9	1.0	1.04e-02	1.0	1.0	11,9
	5.0		9.59e-03	1.16e-02	0,3,3	1.50e-02	0.9	1.0	1.04e-02	1.0	1.0	4,9
	10.0		1.92e-02	1.17e-02	0,3,3	2.32e-02	0.9	1.0	1.04e-02	1.0	1.0	4,9
69 okT,s=2,m=132	0.0		7.54e-04	1.18e-02	0,14,3	9.21e-03	0.9	1.0	8.63e-03	1.0	1.0	9,9
	5.0		9.63e-03	1.18e-02	0,3,3	1.43e-02	0.9	1.0	8.63e-03	1.0	1.0	4,9
	10.0		1.93e-02	1.19e-02	0,3,3	2.25e-02	0.9	1.0	8.63e-03	1.0	1.0	4,9
70 okT,s=2,m=132	0.0		1.54e-03	1.22e-02	0,11,4	9.01e-03	0.9	1.0	7.53e-03	1.0	1.0	9,9
	5.0		9.66e-03	1.22e-02	0,3,4	1.45e-02	0.9	1.0	7.54e-03	1.0	1.0	4,9
	10.0		1.93e-02	1.23e-02	0,3,4	2.38e-02	0.9	1.0	7.55e-03	1.0	1.0	4,9
71 okT,s=2,m=132	0.0		1.26e-03	1.94e-02	0,11,4	8.16e-03	0.9	1.0	7.31e-03	1.0	1.0	11,9
	5.0		9.52e-03	1.95e-02	0,3,4	1.33e-02	0.9	1.0	7.31e-03	1.0	1.0	4,9
	10.0		1.91e-02	1.95e-02	0,3,4	2.11e-02	0.9	1.0	7.32e-03	1.0	1.0	4,9
72 okT,s=2,m=132	0.0	1.62e-02	6.38e-04	9.49e-02	11,3,12				1.92e-04	1.0	1.0	0,1
	5.0	1.83e-02	3.46e-03	9.49e-02	9,7,12				1.93e-04	1.0	1.0	0,1
	10.0	2.05e-02	7.46e-03	9.48e-02	9,7,12				2.08e-04	1.0	1.0	0,3
73 okT,s=3,m=132	0.0	3.42e-02		5.15e-02	9,0,9				2.69e-04	1.0	1.0	0,11
	75.0	0.2		3.59e-02	9,0,9				2.57e-02	1.0	1.0	0,9
	150.0	2.47e-02		5.06e-02	9,0,9				3.86e-05	1.0	1.0	0,14
74 okT,s=16,m=132	0.0	0.1	1.02e-02	8.43e-03	14,1,9	3.86e-02	0.3	0.6	2.85e-02	1.0	1.0	1,1
	109.7	2.99e-02	1.68e-02	8.43e-03	14,2,9	3.71e-02	0.3	0.6	2.99e-02	1.0	1.0	1,1
	219.3	5.72e-02	3.86e-02	8.43e-03	14,2,9	4.58e-02	0.3	0.6	3.14e-02	1.0	1.0	1,1
75 okT,s=16,m=132	0.0	8.59e-02	0.1	1.34e-02	2,11,12	0.1	0.3	0.6	2.12e-02	1.0	1.0	14,14
	109.7	0.1	0.1	1.34e-02	2,12,12	0.2	0.3	0.6	3.15e-02	1.0	1.0	14,14
	219.3	0.1	0.2	1.34e-02	2,9,12	0.2	0.3	0.6	4.60e-02	1.0	1.0	14,14
76 okT,s=16,m=132	0.0	0.3		5.29e-02	9,0,14				4.23e-02	1.0	1.0	0,9
	106.1	7.70e-02		5.29e-02	9,0,14				1.06e-03	1.0	1.0	0,14
	212.1	0.3		5.29e-02	9,0,14				7.32e-02	1.0	1.0	0,11
77 okT,s=16,m=132	0.0		0.3	4.42e-02	0,11,14	0.3	0.4	0.7	0.1	1.0	1.0	9,9
	106.1		0.1	4.42e-02	0,9,14	0.2	0.4	0.7	8.47e-02	1.0	1.0	9,9
	212.1		1.19e-02	4.42e-02	0,11,14	7.61e-02	0.4	0.7	6.54e-02	1.0	1.0	9,9
78 okP,s=3,m=132	0.0	0.6		1.11e-02	11,0,9							0,0
	75.0	0.3		1.11e-02	9,0,9							0,0
	150.0	3.94e-02		1.11e-02	9,0,9							0,0
92 okT,s=6,m=132	0.0	0.4	0.3	8.59e-02	12,4,11	0.3	0.4	0.4	0.2	1.0	1.0	4,11
	101.6	0.2	0.1	8.59e-02	12,2,11	0.1	0.4	0.4	2.83e-02	1.0	1.0	4,12
	203.1	9.25e-02	9.67e-03	8.59e-02	9,1,11	1.59e-02	0.4	0.4	7.41e-03	1.0	1.0	1,11
93 okT,s=6,m=132	0.0		2.13e-02	7.55e-02	0,9,14	2.54e-02	0.4	0.4	4.34e-03	1.0	1.0	9,9
	101.6		0.2	7.55e-02	0,11,14	0.2	0.4	0.4	5.33e-02	1.0	1.0	9,9
	203.1		0.4	7.55e-02	0,11,14	0.4	0.4	0.4	0.2	1.0	1.0	9,9
96 okT,s=6,m=132	0.0	0.4	8.82e-03	8.68e-02	9,1,11	9.90e-03	0.4	0.4	0.1	1.0	1.0	1,9
	101.6	9.64e-02	4.04e-03	8.68e-02	9,3,11	4.50e-03	0.4	0.4	7.03e-03	1.0	1.0	3,12
	203.1	0.2	6.08e-03	8.68e-02	9,7,11	6.25e-03	0.4	0.4	4.29e-02	1.0	1.0	7,11
98 okT,s=6,m=132	0.0	4.22e-02		3.78e-03	11,0,11				3.42e-04	1.0	1.0	0,11
	101.6	6.93e-02		3.78e-03	11,0,11				1.86e-03	1.0	1.0	0,11
	203.1	9.91e-02		3.79e-03	11,0,11				4.60e-03	1.0	1.0	0,11
111 okT,s=6,m=132	0.0		4.63e-02	8.91e-03	0,9,11	7.68e-02	0.4	0.4	3.23e-02	1.0	1.0	11,11
	101.6		0.2	8.91e-03	0,11,11	0.2	0.4	0.4	6.37e-02	1.0	1.0	11,11
	203.1		0.3	8.91e-03	0,11,11	0.4	0.4	0.4	0.1	1.0	1.0	11,11
112 okT,s=6,m=132	0.0	0.3		6.84e-02	11,0,14				0.1	1.0	1.0	0,11
	101.6	5.94e-02		6.84e-02	9,0,14				1.57e-03	1.0	1.0	0,11

	203.1	0.3		6.84e-02	9,0,14				5.92e-02	1.0	1.0	0,12
113 okT,s=6,m=132	0.0		0.3	4.67e-02	0,9,12	0.3	0.4	0.4	0.1	1.0	1.0	9,9
	101.6		0.2	4.67e-02	0,11,12	0.3	0.4	0.4	7.23e-02	1.0	1.0	9,9
	203.1		0.2	4.67e-02	0,11,12	0.2	0.4	0.4	3.79e-02	1.0	1.0	9,9
114 okT,s=6,m=132	0.0	0.2	9.74e-03	8.67e-02	12,1,11	1.76e-02	0.4	0.4	4.31e-02	1.0	1.0	1,11
	101.6	9.54e-02	5.12e-03	8.67e-02	12,1,11	1.43e-02	0.4	0.4	9.20e-03	1.0	1.0	1,1
	203.1	0.4	1.02e-02	8.67e-02	12,1,11	2.07e-02	0.4	0.4	0.1	1.0	1.0	1,9
117 okT,s=2,m=132	0.0	1.52e-02		0.2	11,0,9				6.71e-05	1.0	1.0	0,9
	34.0	1.23e-02		0.2	11,0,9				4.24e-05	1.0	1.0	0,14
	68.0	2.68e-02		0.2	14,0,9				4.49e-04	1.0	1.0	0,14
118 okT,s=6,m=132	0.0	0.4	0.4	7.54e-02	11,14,14	0.4	0.4	0.4	0.2	1.0	1.0	12,12
	101.6	0.2	0.2	7.54e-02	11,14,14	0.2	0.4	0.4	4.74e-02	1.0	1.0	12,12
	203.1	1.93e-02	0.0	7.54e-02	11,0,14	0.0	0.4	0.4	1.69e-04	1.0	1.0	0,11
119 okP,s=3,m=132	0.0		0.4	5.13e-02	0,11,9	0.4	0.4	0.4				9,0
	75.0		0.2	5.13e-02	0,11,9	0.2	0.4	0.4				9,0
	150.0		1.17e-02	5.13e-02	0,11,9	4.64e-02	0.4	0.4				9,0
120 okT,s=3,m=132	0.0	0.8		0.2	9,0,9				0.5	1.0	1.0	0,9
	80.0	0.1		0.1	9,0,9				6.36e-03	1.0	1.0	0,11
	160.0	0.2		7.91e-02	9,0,9				3.63e-02	1.0	1.0	0,9
121 okT,s=3,m=132	0.0	3.97e-02		5.16e-02	9,0,9				3.57e-04	1.0	1.0	0,11
	75.0	0.2		3.58e-02	9,0,9				2.54e-02	1.0	1.0	0,9
	150.0	3.50e-02		5.04e-02	9,0,9				1.53e-04	1.0	1.0	0,11
122 okT,s=16,m=132	0.0	0.1	6.74e-02	8.95e-03	14,2,9	6.89e-02	0.3	0.6	3.31e-02	1.0	1.0	2,1
	109.7	3.50e-02	2.15e-02	8.95e-03	14,4,9	4.17e-02	0.3	0.6	3.45e-02	1.0	1.0	1,1
	219.3	5.64e-02	3.17e-02	8.95e-03	14,4,9	5.04e-02	0.3	0.6	3.60e-02	1.0	1.0	1,1
123 okT,s=16,m=132	0.0	9.76e-02	0.1	1.48e-02	2,11,12	0.1	0.3	0.6	2.07e-02	1.0	1.0	14,14
	109.7	0.1	0.2	1.48e-02	2,12,12	0.2	0.3	0.6	3.22e-02	1.0	1.0	14,14
	219.3	0.1	0.2	1.48e-02	2,14,12	0.2	0.3	0.6	4.98e-02	1.0	1.0	14,14
124 okT,s=16,m=132	0.0	0.3		5.16e-02	9,0,14				4.52e-02	1.0	1.0	0,9
	106.1	8.53e-02		5.16e-02	9,0,14				1.37e-03	1.0	1.0	0,14
	212.1	0.3		5.16e-02	9,0,14				8.21e-02	1.0	1.0	0,11
145 okT,s=2,m=132	0.0	2.48e-02		0.3	14,0,11				3.78e-04	1.0	1.0	0,14
	26.0	1.21e-02		0.3	11,0,11				3.71e-05	1.0	1.0	0,14
	52.0	1.37e-02		0.3	11,0,11				5.30e-05	1.0	1.0	0,9
146 okT,s=16,m=132	0.0		0.3	4.45e-02	0,11,14	0.3	0.4	0.7	0.2	1.0	1.0	9,9
	106.1		0.1	4.45e-02	0,14,14	0.2	0.4	0.7	0.1	1.0	1.0	9,9
	212.1		9.27e-03	4.45e-02	0,1,14	8.81e-02	0.4	0.7	8.42e-02	1.0	1.0	9,9
166 okT,s=3,m=132	0.0	0.1	5.49e-03	0.1	9,1,11	1.80e-02	0.9	4.35e-02	1.49e-02	1.0	1.0	3,3
	69.0	0.2	3.43e-03	0.2	9,1,11	1.66e-02	0.9	4.35e-02	4.30e-02	1.0	1.0	3,9
	138.0	0.8	2.19e-03	0.2	12,1,11	1.65e-02	0.9	4.35e-02	0.6	1.0	1.0	3,11
181 okP,s=3,m=132	0.0		0.5	0.1	0,12,11	0.5	0.4	0.4				9,0
	75.0		0.2	0.1	0,12,11	0.2	0.4	0.4				9,0
	150.0		4.12e-03	0.1	0,14,11	9.26e-03	0.4	0.4				9,0
182 okT,s=6,m=132	0.0		0.2	4.79e-02	0,11,12	0.2	0.4	0.4	3.67e-02	1.0	1.0	9,9
	101.6		0.2	4.79e-02	0,11,12	0.3	0.4	0.4	7.34e-02	1.0	1.0	9,9
	203.1		0.3	4.79e-02	0,9,12	0.4	0.4	0.4	0.1	1.0	1.0	9,9
183 okT,s=6,m=132	0.0		0.3	4.23e-03	0,11,11	0.3	0.4	0.4	0.1	1.0	1.0	11,11
	101.9		0.2	4.23e-03	0,11,11	0.2	0.4	0.4	6.37e-02	1.0	1.0	11,11
	203.8		7.28e-02	4.23e-03	0,9,11	0.1	0.4	0.4	3.27e-02	1.0	1.0	11,11
184 okT,s=6,m=132	0.0	8.62e-02		2.30e-03	11,0,11				3.25e-03	1.0	1.0	0,11
	101.9	5.84e-02		2.29e-03	11,0,11				1.13e-03	1.0	1.0	0,11
	203.8	3.24e-02		2.29e-03	11,0,11				1.04e-04	1.0	1.0	0,11
185 okT,s=6,m=132	0.0	0.3	8.17e-03	6.88e-02	9,5,14	8.73e-03	0.4	0.4	5.74e-02	1.0	1.0	5,12
	101.6	5.55e-02	0.0	6.88e-02	9,0,14	0.0	0.4	0.4	1.34e-03	1.0	1.0	0,11
	203.1	0.3	0.0	6.88e-02	11,0,14	0.0	0.4	0.4	9.78e-02	1.0	1.0	0,11
186 okT,s=2,m=132	0.0	6.04e-03		1.70e-02	11,0,12				2.27e-05	1.0	1.0	0,1
	51.0	7.59e-03		1.70e-02	14,0,12				1.53e-05	1.0	1.0	0,11
	102.0	1.47e-02		1.70e-02	14,0,12				1.00e-04	1.0	1.0	0,9

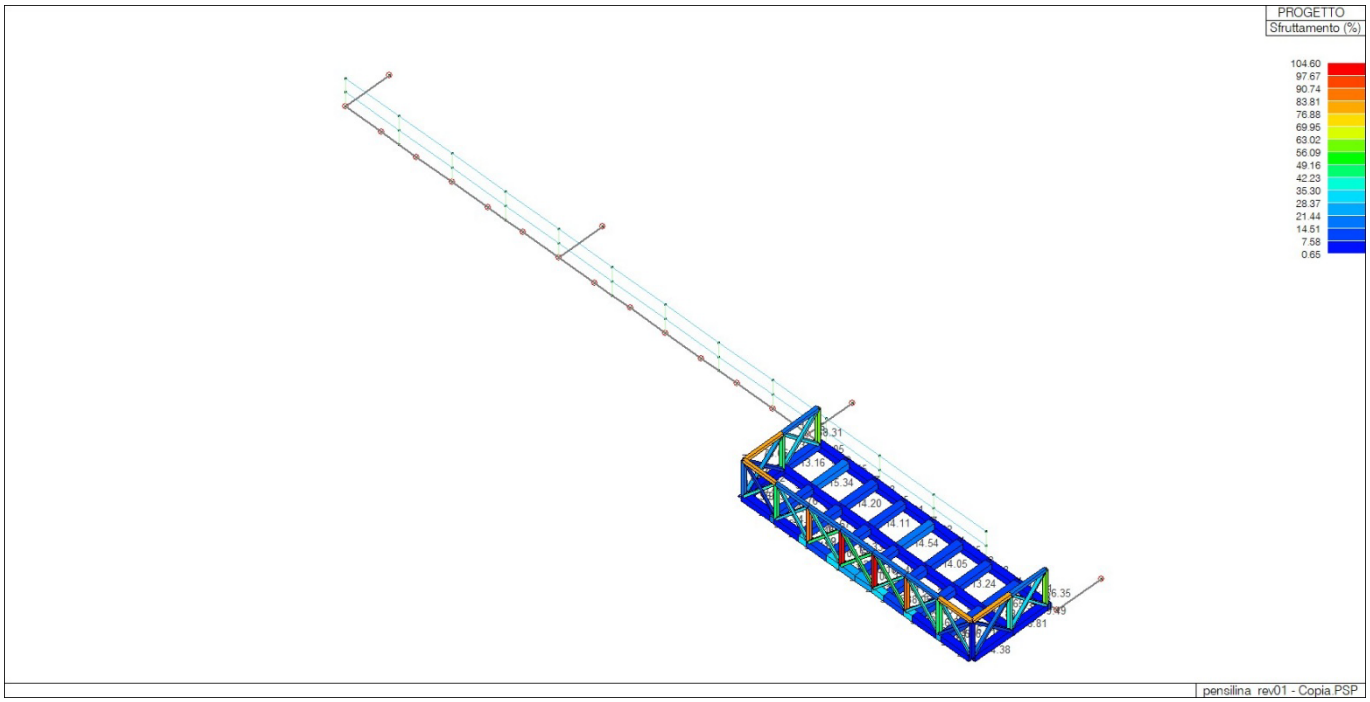
Elem.	Ver N+/M	Ver N-/M	Ver V/T	Ver N(s)	Kcy	Kcz	Ver M(s)	Kcrit(y)	Kcrit(z)
					0.18	0.04		1.00	1.00
	0.83	1.04	0.35	1.05			0.63		

Fattore conversione freccia	Tipo combinazione
250/L	Per tutte le combinazioni SLE
250/L	Combinazioni rare (esclusi i permanenti) (delta2 per solo Q)

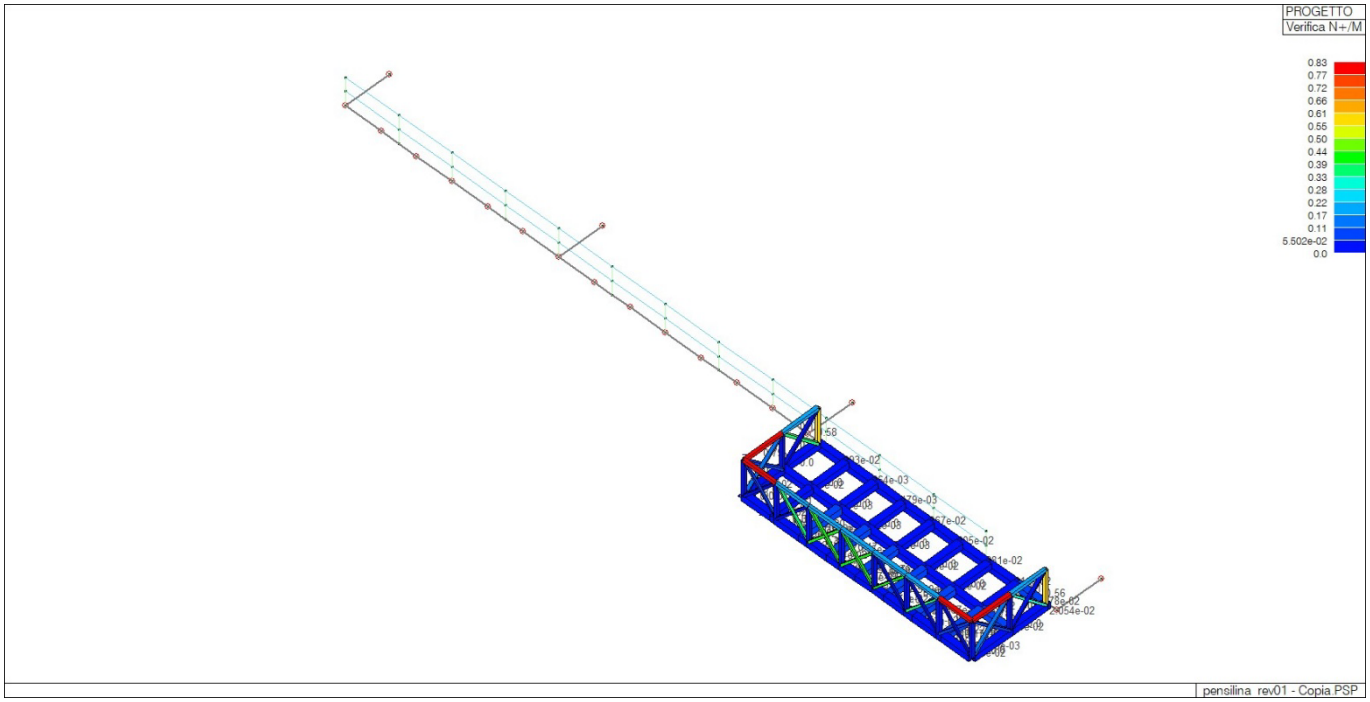
Elem.	w,net RQ	w,net R	w,net F	w,net P	Rif. cmb	Kdef	w,net Ri	w,net Fi	w,net Pi	Rif. cmb
1	1.16e-03	1.27e-03	9.25e-04	8.08e-04	19,19,26,30	0.8	1.92e-03	1.57e-03	1.46e-03	19,26,30
3	0.02	0.02	0.01	9.27e-03	18,18,25,32	0.8	0.02	0.02	0.02	18,25,32
4	0.02	0.02	0.02	0.01	21,21,28,32	0.8	0.04	0.03	0.03	21,28,32
5	0.01	0.02	0.02	0.02	19,21,28,32	0.8	0.03	0.03	0.03	21,28,32
6	1.58e-03	1.68e-03	1.21e-03	1.05e-03	19,19,26,30	0.8	2.52e-03	2.05e-03	1.89e-03	19,26,30
7	0.42	0.42	0.29	0.25	21,21,28,32	0.8	0.62	0.50	0.45	21,28,32
8	0.42	0.42	0.29	0.25	21,21,28,32	0.8	0.62	0.50	0.45	21,28,32
9	0.42	0.42	0.29	0.25	21,21,28,32	0.8	0.62	0.50	0.45	21,28,32
10	1.93	1.93	1.35	1.16	21,21,28,32	0.8	2.85	2.27	2.08	21,28,32
12	0.01	0.01	9.31e-03	8.85e-03	18,18,28,32	0.8	0.02	0.02	0.02	21,28,32
13	0.01	0.01	9.31e-03	8.85e-03	18,18,28,32	0.8	0.02	0.02	0.02	21,28,32
16	0.42	0.42	0.29	0.25	21,21,28,32	0.8	0.62	0.50	0.45	21,28,32
17	0.42	0.42	0.29	0.25	21,21,28,32	0.8	0.62	0.50	0.45	21,28,32
18	0.01	0.01	8.24e-03	7.79e-03	18,18,28,32	0.8	0.02	0.01	0.01	18,28,32
19	0.01	0.01	8.24e-03	7.79e-03	18,18,28,32	0.8	0.02	0.01	0.01	18,28,32
24	0.01	0.01	8.51e-03	8.13e-03	18,18,28,32	0.8	0.02	0.02	0.01	18,28,32
25	0.01	0.01	8.51e-03	8.13e-03	18,18,28,32	0.8	0.02	0.02	0.01	18,28,32
26	7.53e-04	7.22e-04	5.76e-04	5.27e-04	19,19,26,30	0.8	1.14e-03	9.98e-04	9.49e-04	19,26,30
27	0.02	0.02	0.02	0.01	21,21,28,32	0.8	0.04	0.03	0.03	21,28,32
28	0.03	0.03	0.02	0.02	21,21,28,32	0.8	0.05	0.04	0.04	21,28,32
31	0.01	0.01	8.15e-03	7.82e-03	18,18,28,32	0.8	0.02	0.01	0.01	18,28,32
32	2.02e-03	2.03e-03	1.49e-03	1.35e-03	21,21,24,31	0.8	3.01e-03	2.56e-03	2.43e-03	21,24,31
33	0.04	0.04	0.02	0.02	21,21,28,32	0.8	0.05	0.04	0.04	21,28,32
34	0.03	0.03	0.02	0.02	21,21,28,32	0.8	0.05	0.04	0.04	21,28,32
35	0.03	0.03	0.02	0.02	21,21,28,32	0.8	0.05	0.04	0.04	21,28,32
36	0.01	0.01	7.69e-03	6.61e-03	18,18,25,32	0.8	0.02	0.01	0.01	18,25,32
37	0.01	0.01	7.69e-03	6.61e-03	18,18,25,32	0.8	0.02	0.01	0.01	18,25,32
38	0.01	0.01	8.15e-03	7.82e-03	18,18,28,32	0.8	0.02	0.01	0.01	18,28,32
39	0.02	0.02	0.02	0.01	21,21,28,32	0.8	0.04	0.03	0.03	21,28,32
40	4.31e-03	4.30e-03	3.01e-03	2.58e-03	21,21,28,32	0.8	6.36e-03	5.07e-03	4.64e-03	21,28,32
41	4.67e-04	5.68e-04	3.81e-04	3.06e-04	19,17,24,31	0.8	8.13e-04	6.26e-04	5.51e-04	17,24,31
42	0.01	0.01	7.71e-03	7.41e-03	18,18,28,32	0.8	0.02	0.01	0.01	18,28,32
43	0.01	0.01	7.71e-03	7.41e-03	18,18,28,32	0.8	0.02	0.01	0.01	18,28,32
44	0.03	0.03	0.02	0.02	21,21,28,32	0.8	0.05	0.04	0.04	21,28,32
45	0.02	0.02	0.02	0.01	21,21,28,32	0.8	0.04	0.03	0.03	21,28,32
46	0.03	0.03	0.02	0.02	21,21,28,32	0.8	0.05	0.04	0.04	21,28,32
47	5.75e-03	5.80e-03	4.07e-03	3.50e-03	19,19,26,30	0.8	8.60e-03	6.87e-03	6.30e-03	19,26,30
48	0.01	0.01	7.48e-03	7.21e-03	18,18,28,32	0.8	0.01	0.01	0.01	18,28,32
49	0.01	0.01	7.48e-03	7.21e-03	18,18,28,32	0.8	0.01	0.01	0.01	18,28,32
50	5.78e-03	5.83e-03	4.09e-03	3.52e-03	19,19,26,30	0.8	8.64e-03	6.91e-03	6.33e-03	19,26,30
51	4.31e-03	4.30e-03	3.01e-03	2.58e-03	21,21,28,32	0.8	6.36e-03	5.07e-03	4.64e-03	21,28,32
52	5.86e-03	5.86e-03	4.10e-03	3.51e-03	21,21,28,32	0.8	8.67e-03	6.91e-03	6.32e-03	21,28,32
53	2.02e-03	2.03e-03	1.43e-03	1.23e-03	21,21,28,32	0.8	3.01e-03	2.41e-03	2.21e-03	21,28,32
54	0.01	0.01	7.27e-03	5.33e-03	18,18,25,32	0.8	0.02	0.01	9.60e-03	18,25,32
55	7.99e-03	0.02	0.01	0.01	17,21,28,32	0.8	0.03	0.02	0.02	21,28,32
56	0.02	0.02	0.01	9.07e-03	21,21,28,32	0.8	0.02	0.02	0.02	21,28,32
57	4.75e-03	4.57e-03	3.15e-03	2.67e-03	19,19,26,30	0.8	6.71e-03	5.28e-03	4.81e-03	19,26,30
58	0.42	0.42	0.29	0.25	21,21,28,32	0.8	0.62	0.50	0.45	21,28,32
59	0.05	0.05	0.03	0.03	21,21,28,32	0.8	0.07	0.06	0.05	21,28,32
60	0.01	0.01	0.01	8.89e-03	21,21,28,32	0.8	0.02	0.02	0.02	21,28,32
61	5.68e-03	5.71e-03	4.00e-03	3.43e-03	19,19,26,30	0.8	8.46e-03	6.75e-03	6.18e-03	19,26,30
62	5.86e-03	5.86e-03	4.10e-03	3.51e-03	21,21,28,32	0.8	8.67e-03	6.91e-03	6.32e-03	21,28,32
63	6.07e-03	6.28e-03	4.46e-03	3.86e-03	19,19,26,30	0.8	9.37e-03	7.55e-03	6.94e-03	19,26,30
64	0.44	0.44	0.31	0.26	19,19,26,30	0.8	0.65	0.52	0.47	19,26,30
65	0.09	0.09	0.06	0.06	21,21,28,32	0.8	0.14	0.11	0.10	21,28,32
66	0.12	0.13	0.09	0.08	21,21,28,32	0.8	0.19	0.15	0.14	21,28,32
67	0.13	0.13	0.09	0.08	21,21,28,32	0.8	0.20	0.15	0.14	21,28,32
68	0.13	0.14	0.09	0.08	21,21,28,32	0.8	0.20	0.16	0.15	21,28,32
69	0.12	0.13	0.09	0.08	21,21,28,32	0.8	0.19	0.15	0.14	21,28,32
70	0.10	0.11	0.07	0.07	21,21,28,32	0.8	0.16	0.13	0.12	21,28,32
71	0.07	0.07	0.05	0.04	21,21,25,32	0.8	0.11	0.08	0.08	21,25,32
72	0.04	0.04	0.02	0.02	21,21,28,32	0.8	0.05	0.04	0.04	21,28,32
73	0.44	0.44	0.31	0.26	19,19,26,30	0.8	0.65	0.52	0.47	19,26,30
74	0.02	0.02	0.01	0.01	21,21,28,32	0.8	0.03	0.02	0.02	21,28,32
75	0.44	0.44	0.30	0.26	19,19,26,30	0.8	0.64	0.51	0.47	19,26,30
76	0.45	0.45	0.32	0.27	19,19,26,30	0.8	0.67	0.53	0.49	19,26,30
77	0.65	0.65	0.45	0.39	19,19,26,30	0.8	0.96	0.76	0.70	19,26,30
92	1.90	1.90	1.33	1.14	21,21,28,32	0.8	2.82	2.25	2.06	21,28,32
93	1.93	1.93	1.35	1.16	21,21,28,32	0.8	2.85	2.27	2.08	21,28,32
96	1.53	1.53	1.07	0.92	21,21,28,32	0.8	2.27	1.81	1.66	21,28,32

98	0.05	0.05	0.04	0.03	21,21,28,32	0.8	0.08	0.06	0.06	21,28,32
111	0.79	0.79	0.55	0.47	21,21,28,32	0.8	1.16	0.93	0.85	21,28,32
112	0.79	0.79	0.55	0.47	21,21,28,32	0.8	1.16	0.93	0.85	21,28,32
113	1.57	1.57	1.10	0.94	21,21,28,32	0.8	2.33	1.86	1.70	21,28,32
114	1.57	1.57	1.10	0.94	21,21,28,32	0.8	2.33	1.85	1.70	21,28,32
117	0.01	0.01	0.01	8.87e-03	21,21,28,32	0.8	0.02	0.02	0.02	21,28,32
118	1.92	1.92	1.34	1.15	21,21,28,32	0.8	2.84	2.27	2.07	21,28,32
120	0.44	0.44	0.31	0.26	19,19,26,30	0.8	0.65	0.52	0.47	19,26,30
121	0.44	0.44	0.31	0.26	19,19,26,30	0.8	0.65	0.52	0.47	19,26,30
122	0.02	0.02	0.02	0.01	21,21,28,32	0.8	0.03	0.03	0.02	21,28,32
123	0.44	0.44	0.30	0.26	19,19,26,30	0.8	0.64	0.51	0.47	19,26,30
124	0.45	0.45	0.31	0.27	19,19,26,30	0.8	0.67	0.53	0.48	19,26,30
145	0.01	0.01	0.01	8.87e-03	21,21,28,32	0.8	0.02	0.02	0.02	21,28,32
146	0.65	0.65	0.45	0.39	19,19,26,30	0.8	0.96	0.76	0.70	19,26,30
166	0.42	0.42	0.29	0.25	21,21,28,32	0.8	0.62	0.50	0.45	21,28,32
182	1.57	1.57	1.10	0.94	21,21,28,32	0.8	2.33	1.85	1.70	21,28,32
183	0.79	0.79	0.55	0.47	21,21,28,32	0.8	1.17	0.93	0.85	21,28,32
184	0.04	0.04	0.03	0.03	21,21,28,32	0.8	0.06	0.05	0.05	21,28,32
185	0.75	0.75	0.52	0.45	21,21,28,32	0.8	1.10	0.88	0.80	21,28,32
186	0.03	0.03	0.02	0.02	21,21,28,32	0.8	0.05	0.04	0.04	21,28,32

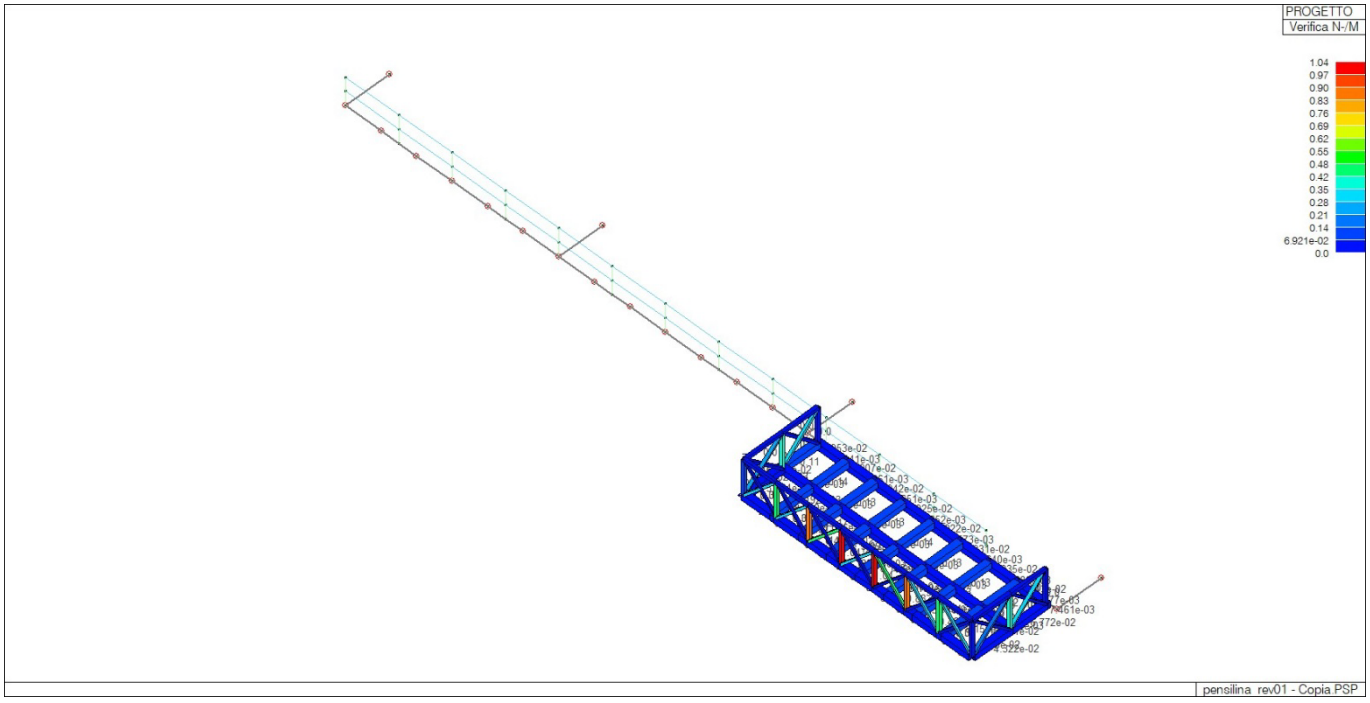
Elem.	w,net RQ	w,net R	w,net F	w,net P		w,net Ri	w,net Fi	w,net Pi	
	1.93	1.93	1.35	1.16		2.85	2.27	2.08	



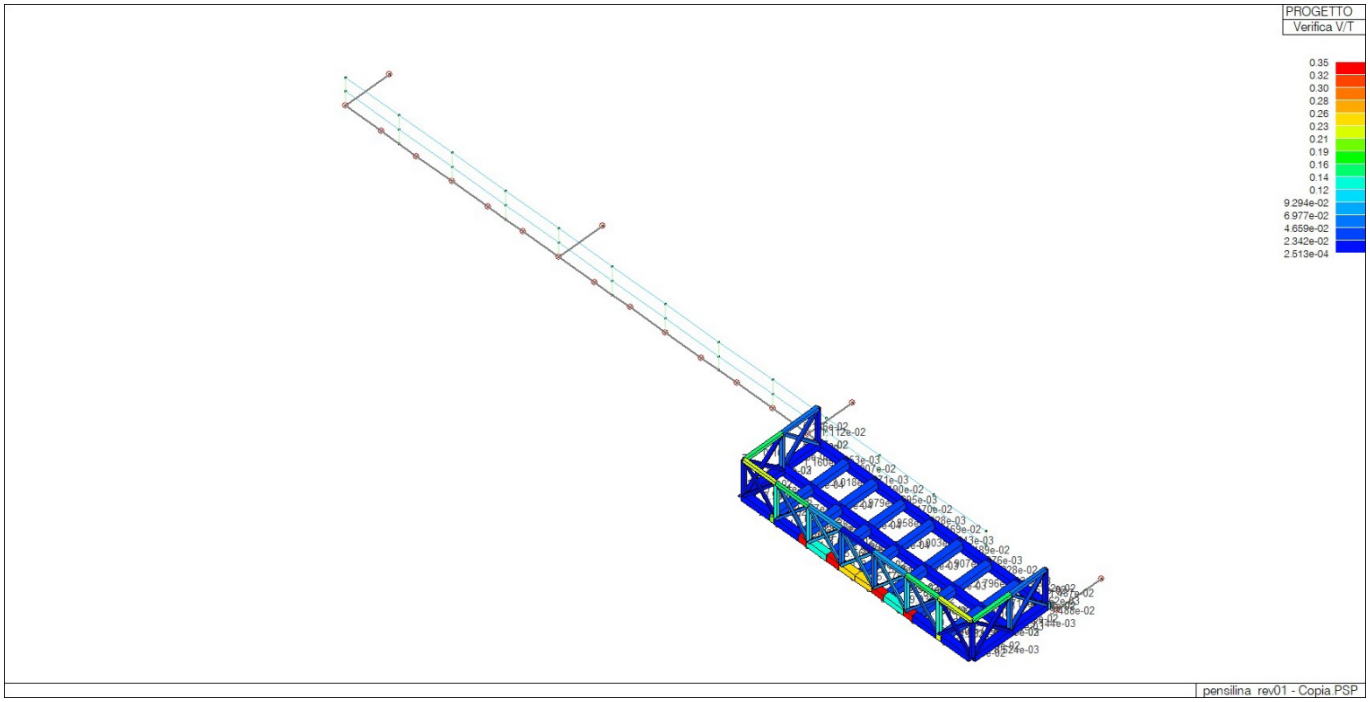
74_WaD2_02_Sfruttamento



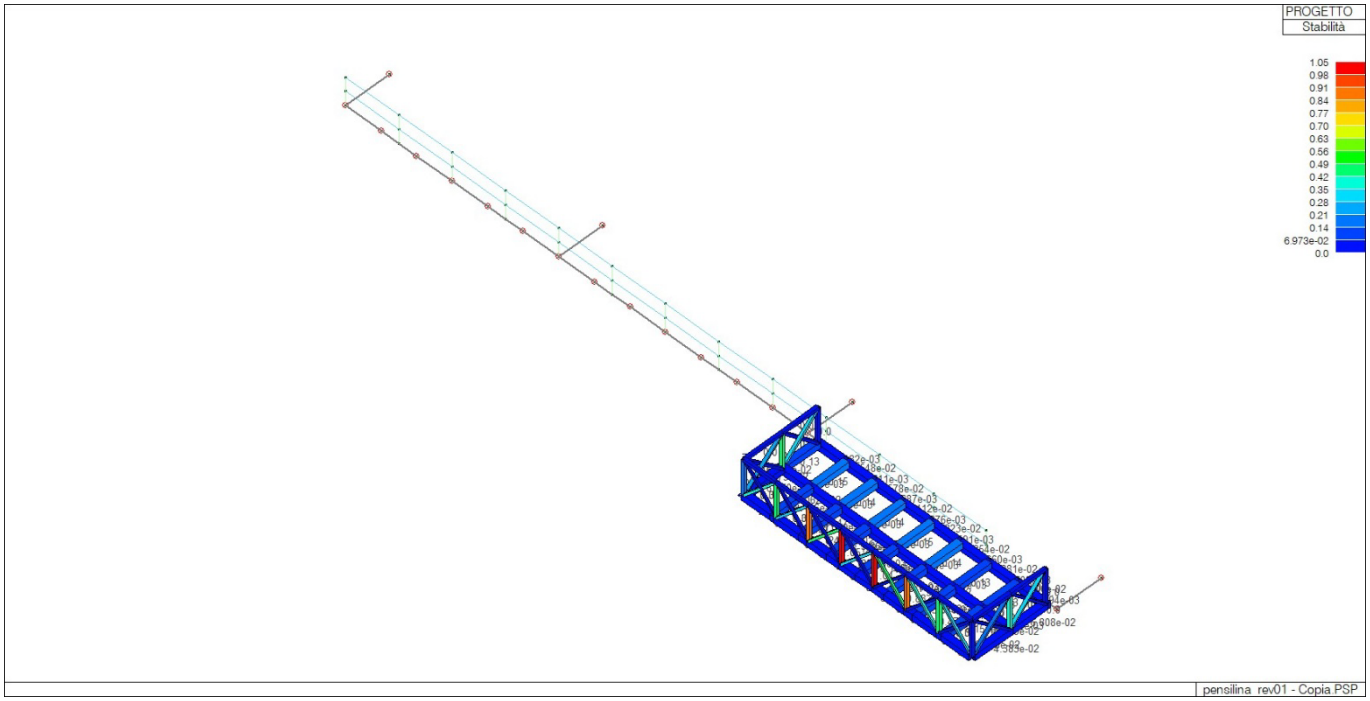
74_WaD2_03_Verifica N+M



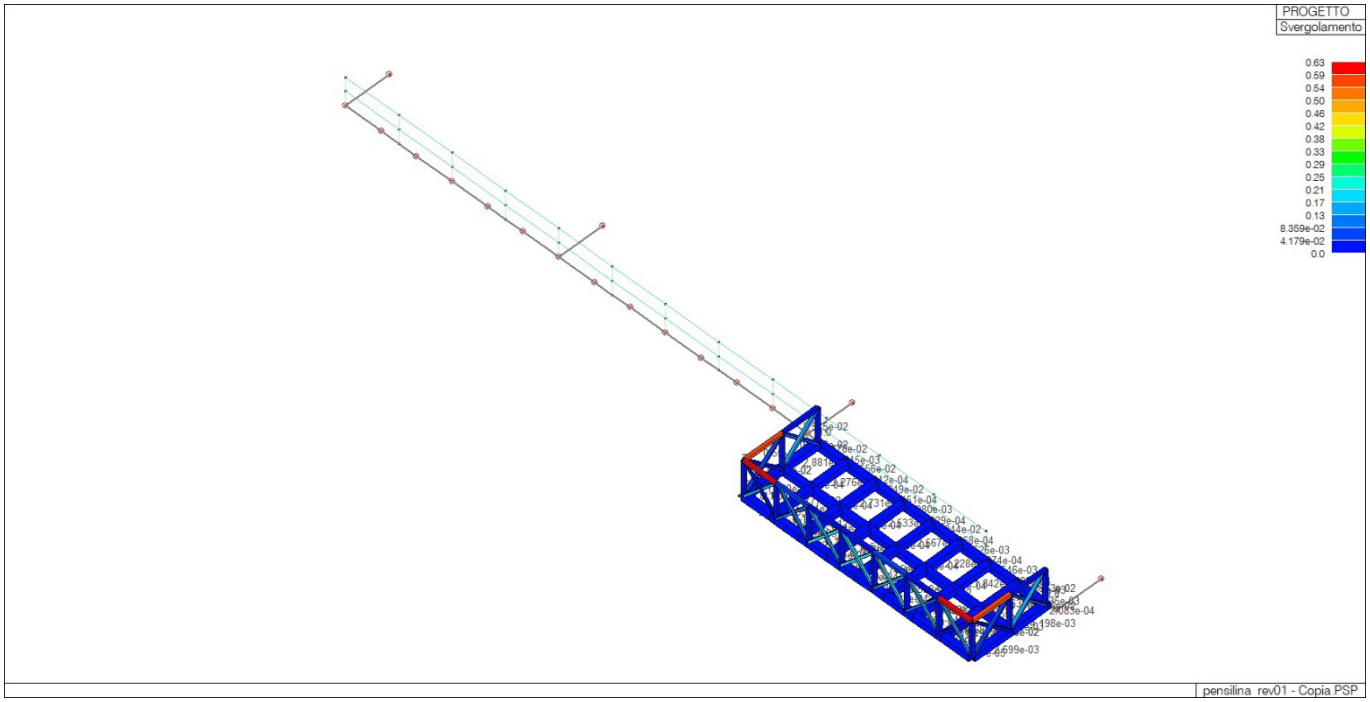
74_WaD2_04_Verifica N-M



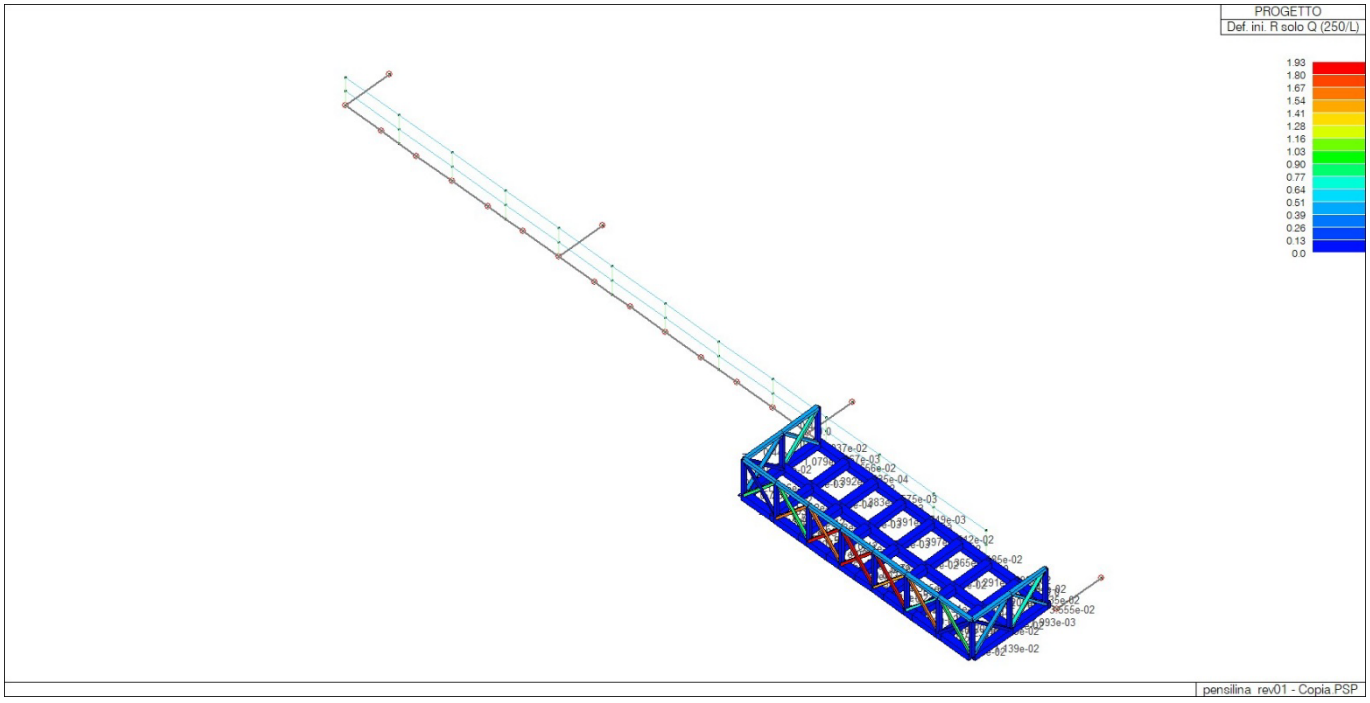
74_WaD2_05_Verifica VT



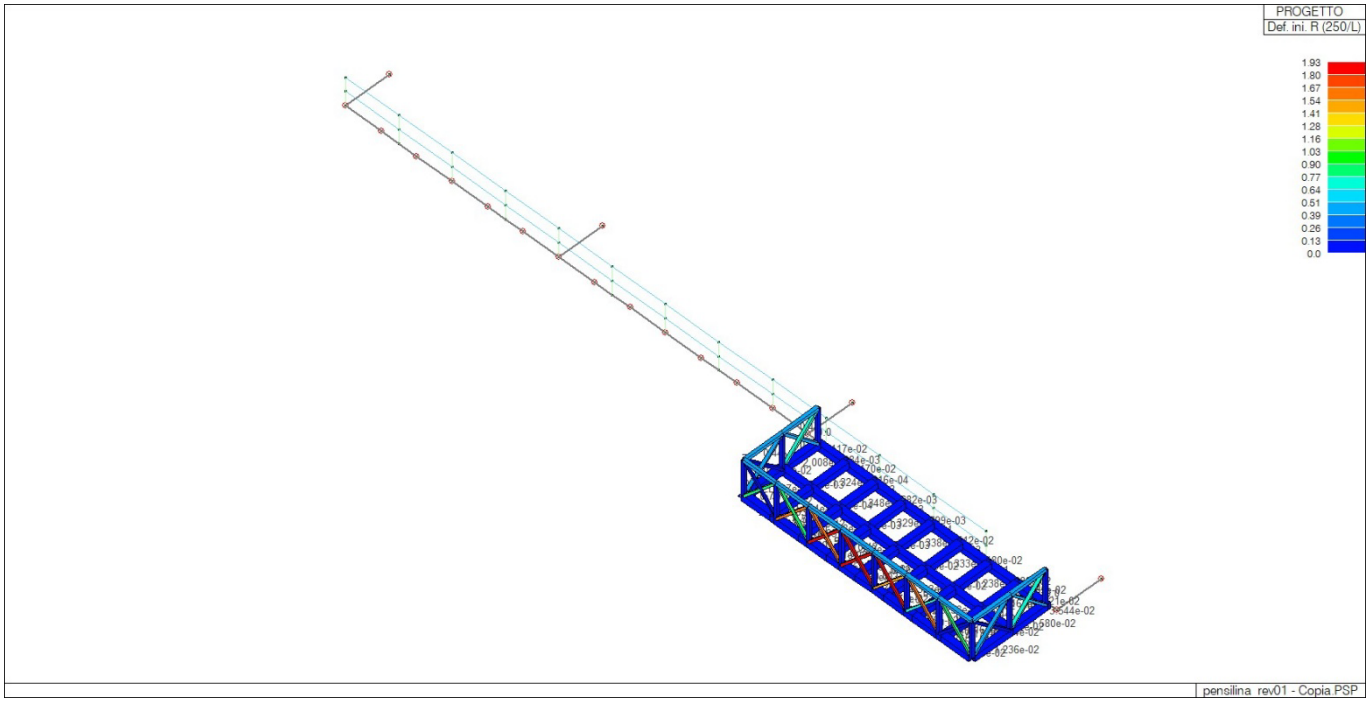
74_WaD2_06_Stabilit



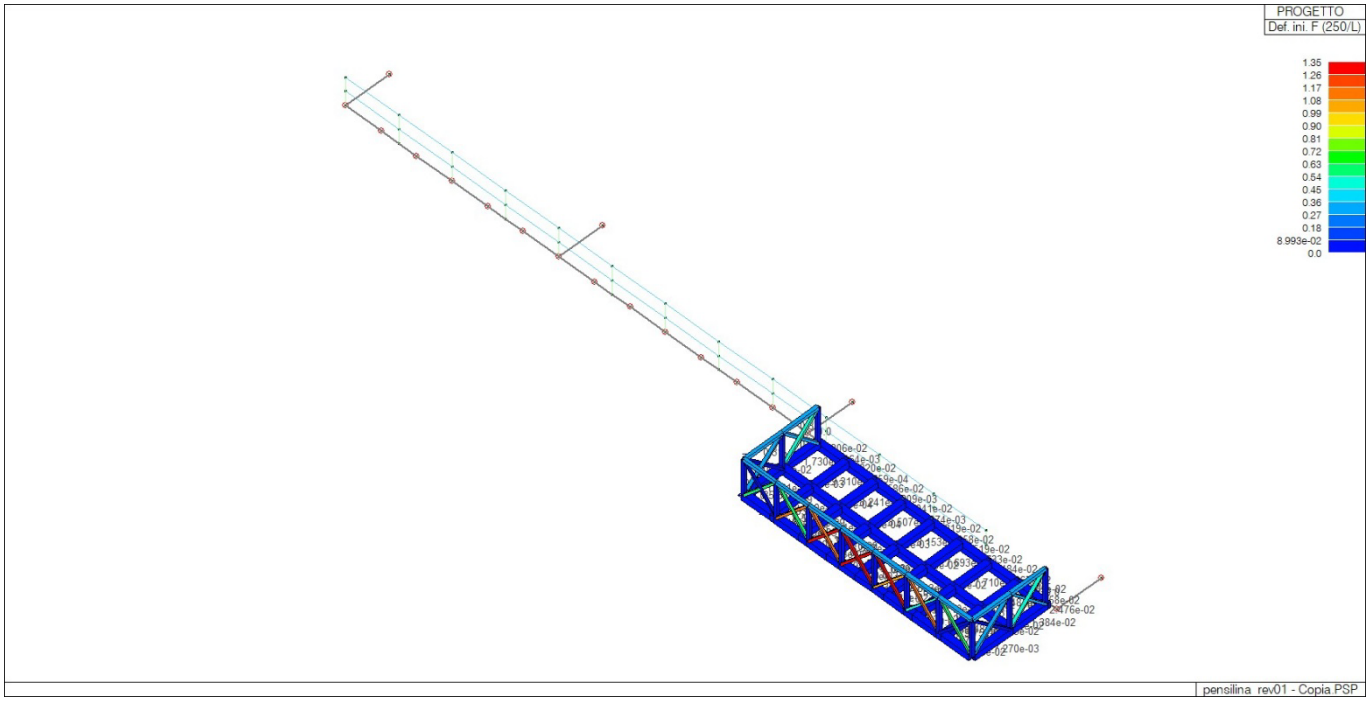
74_WaD2_07_Svergolamento



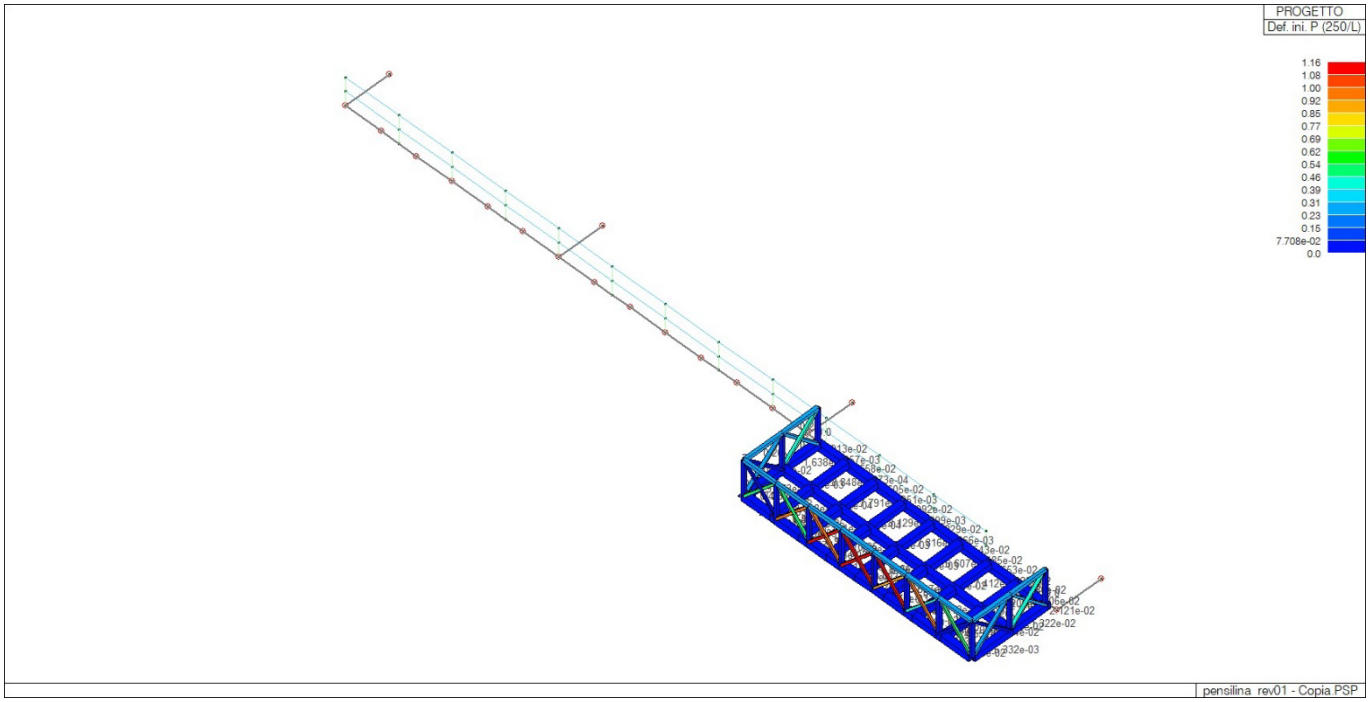
74_WaD2_08_Def ini R solo Q 250L



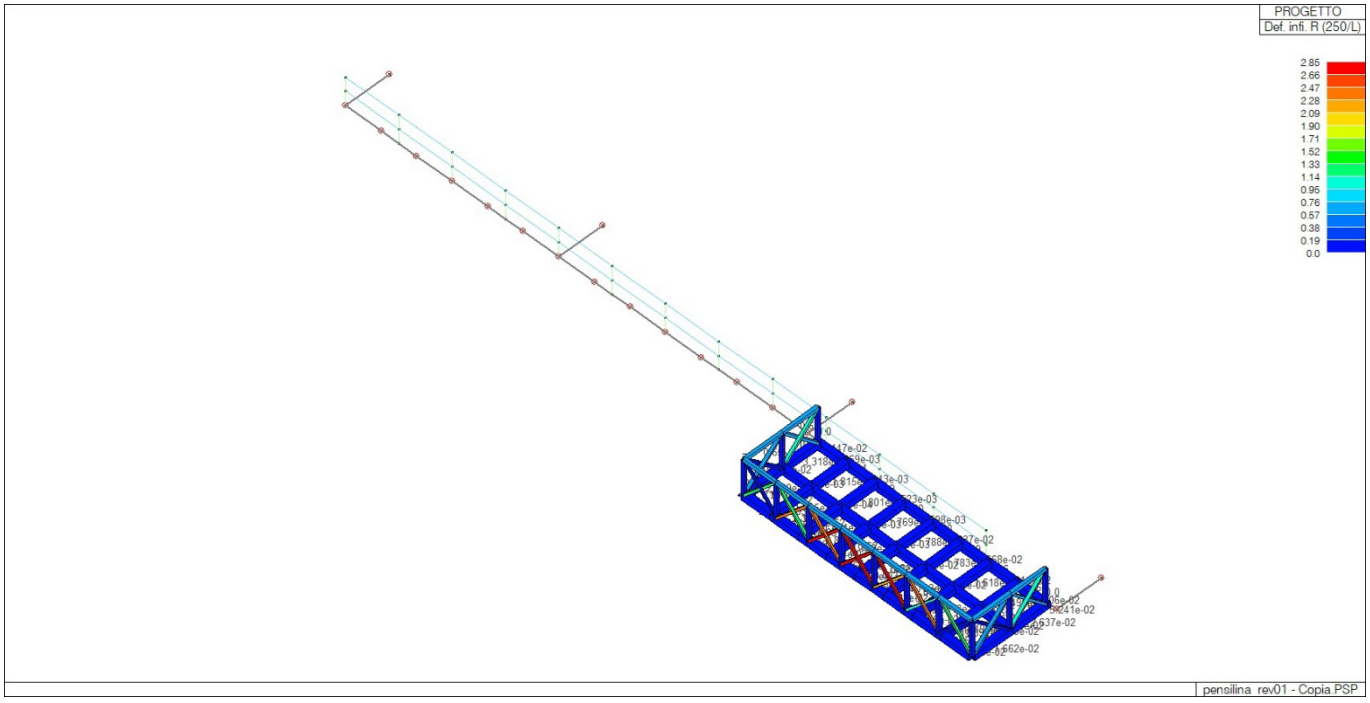
74_WaD2_09_Def ini R 250L



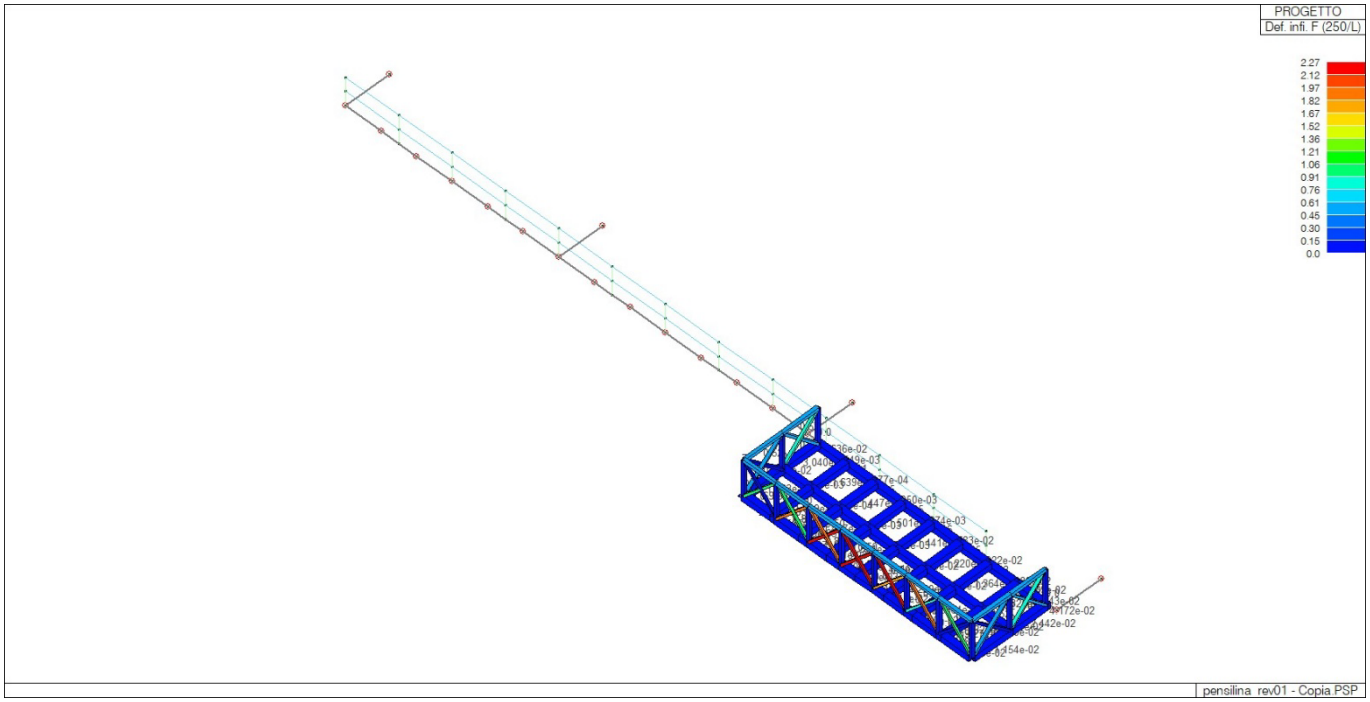
74_WaD2_10_Def ini F 250L



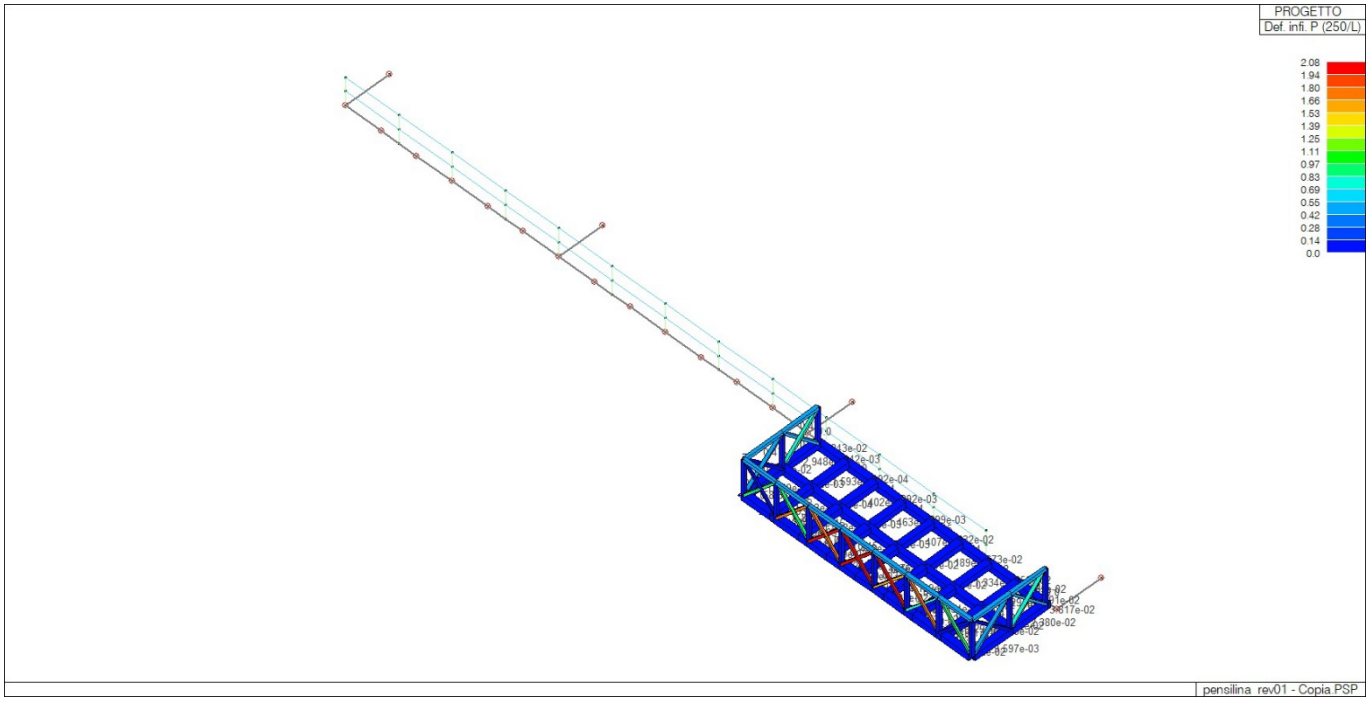
74_WaD2_11_Def ini P 250L



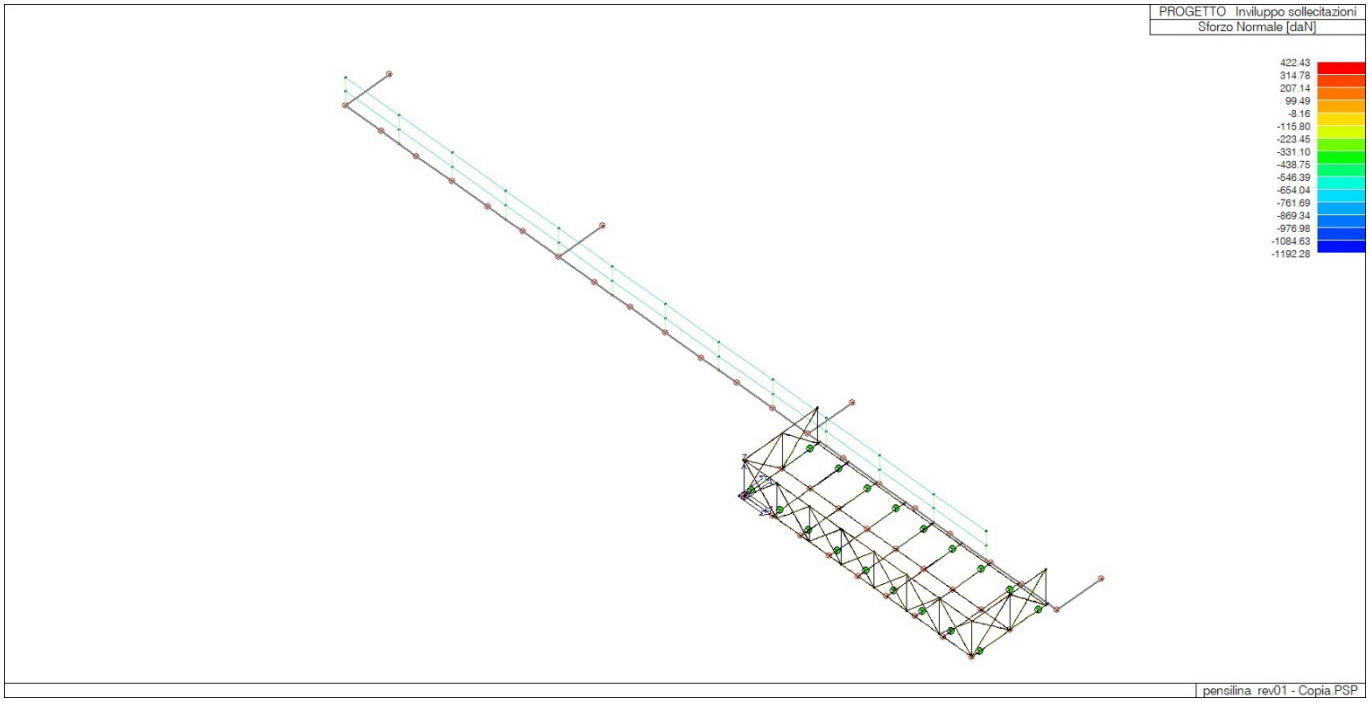
74_WaD2_12_Def infi R 250L



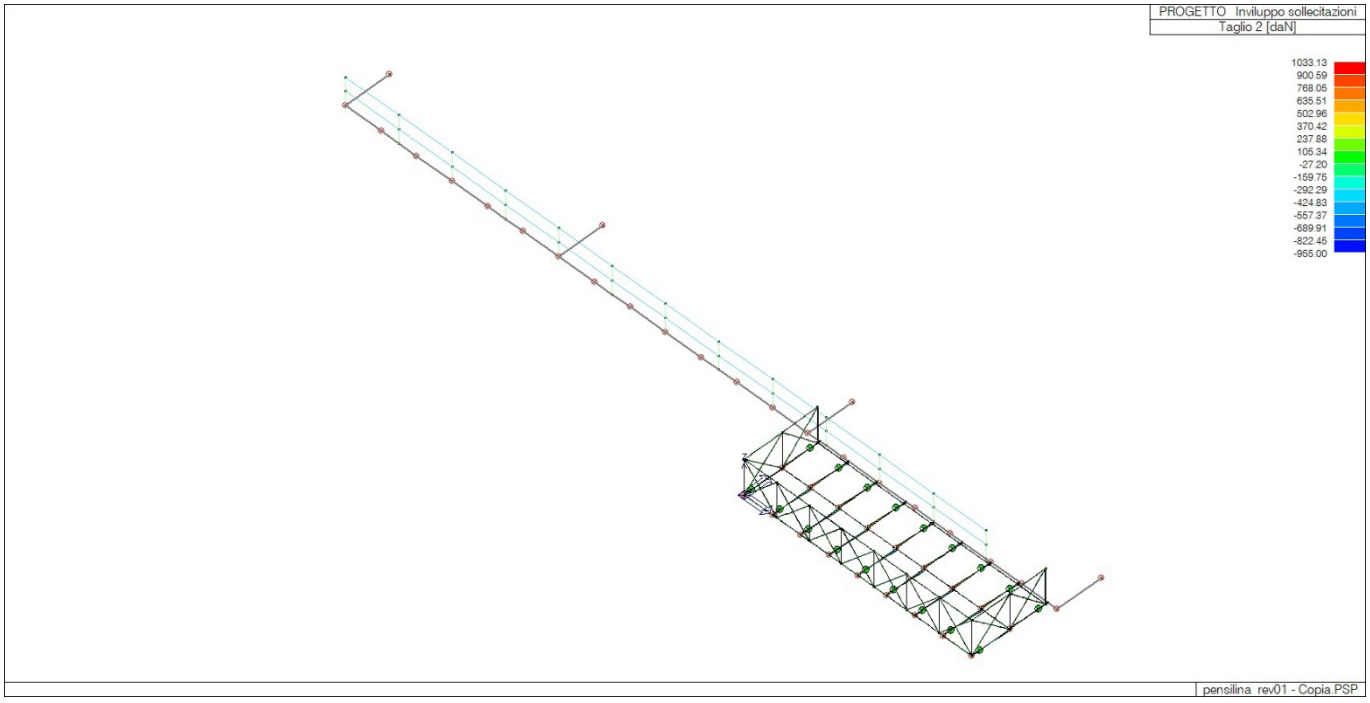
74_WaD2_13_Def infi F 250L



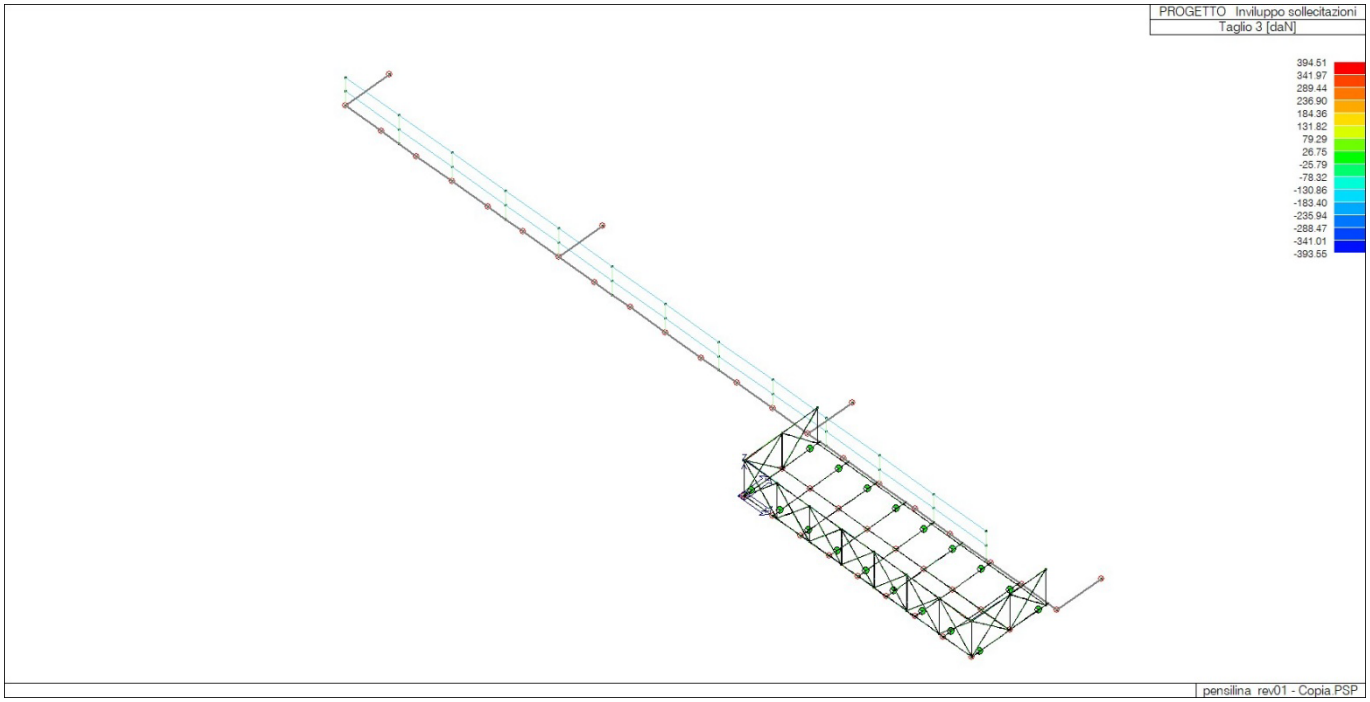
74_WaD2_14_Def infi P 250L



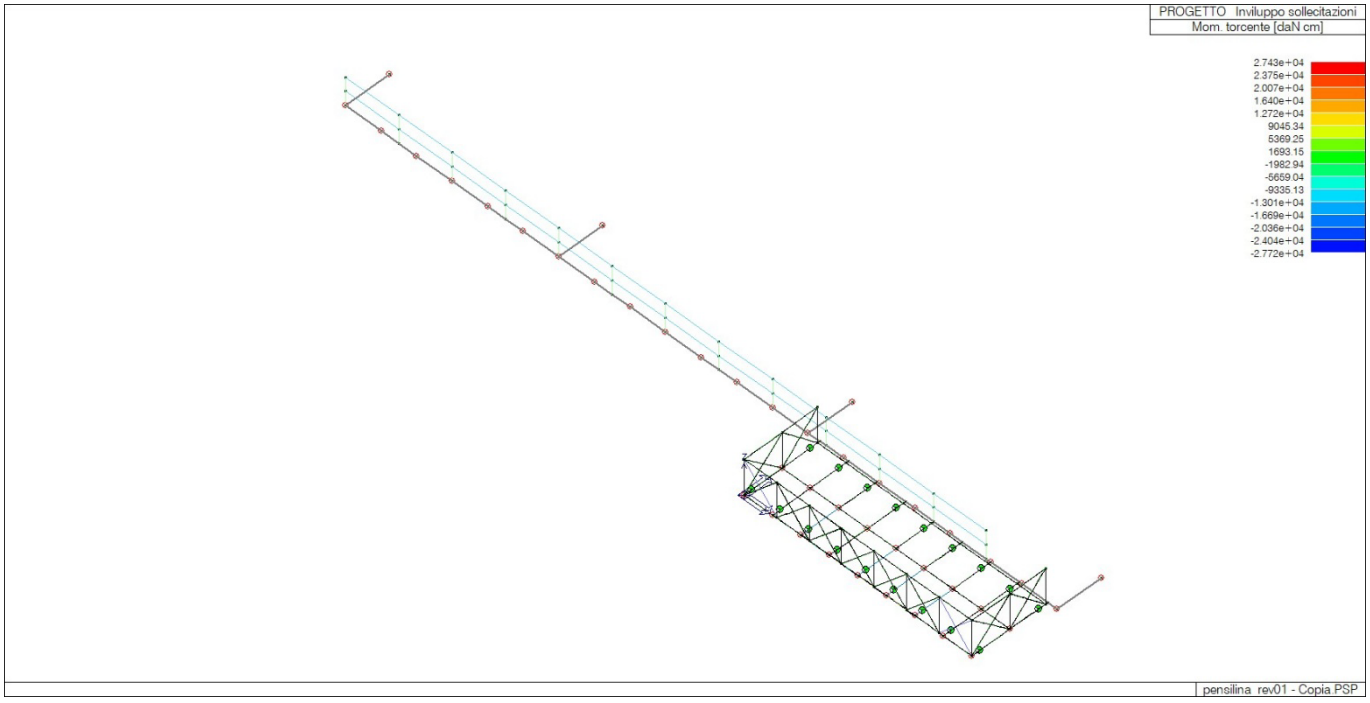
74_WaD2_15_Sforzo Normale



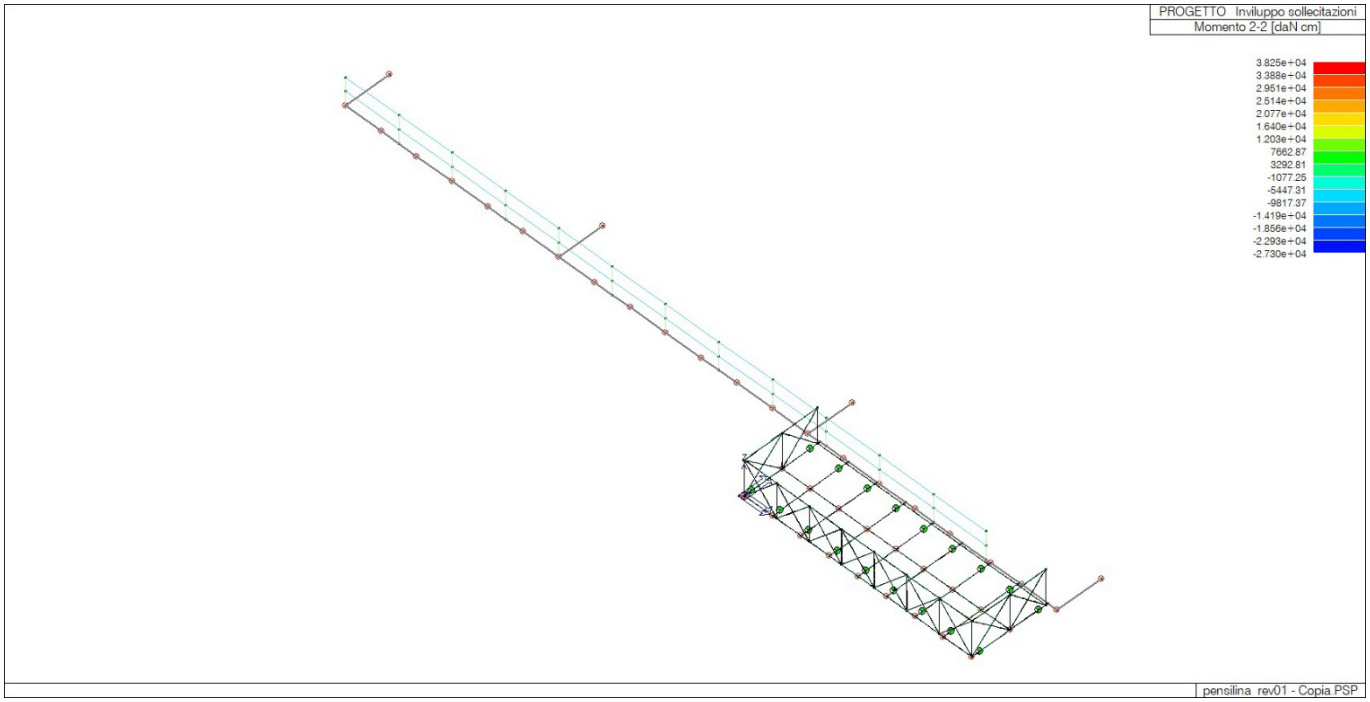
74_WaD2_16_Taglio 2



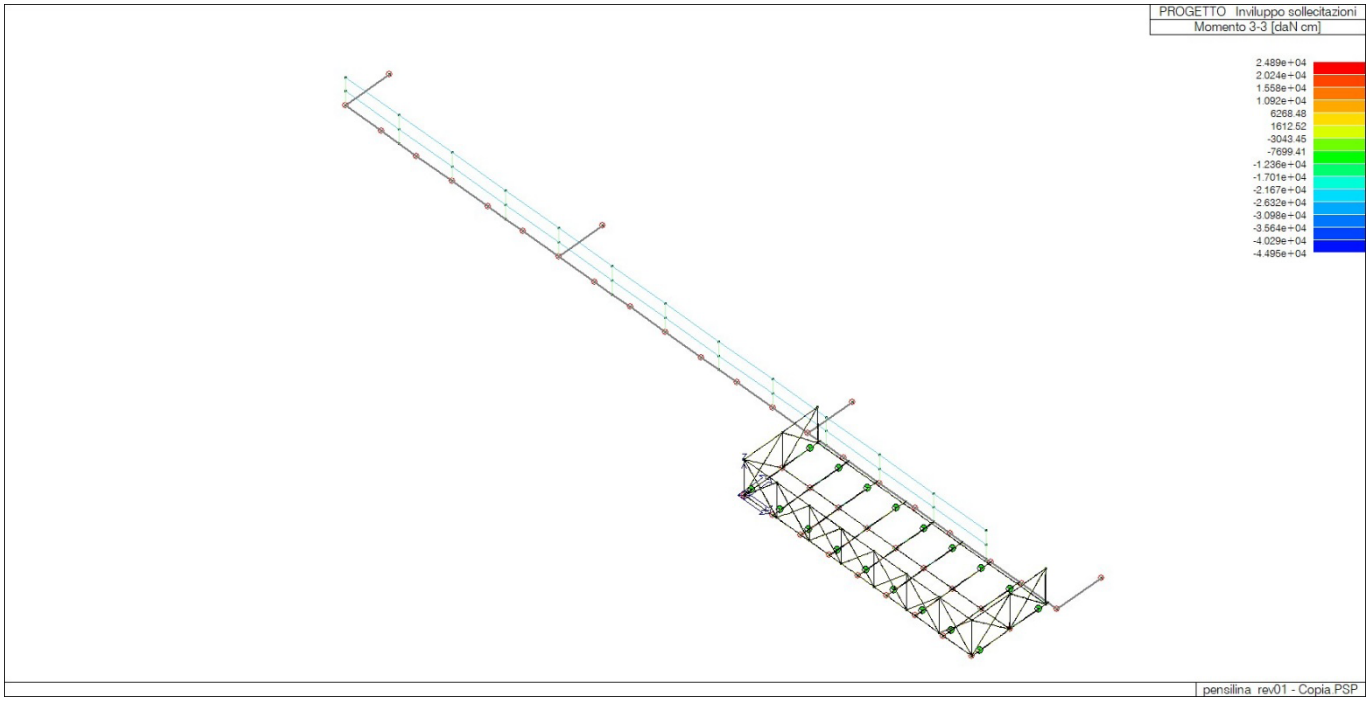
74_WaD2_17_Taglio 3



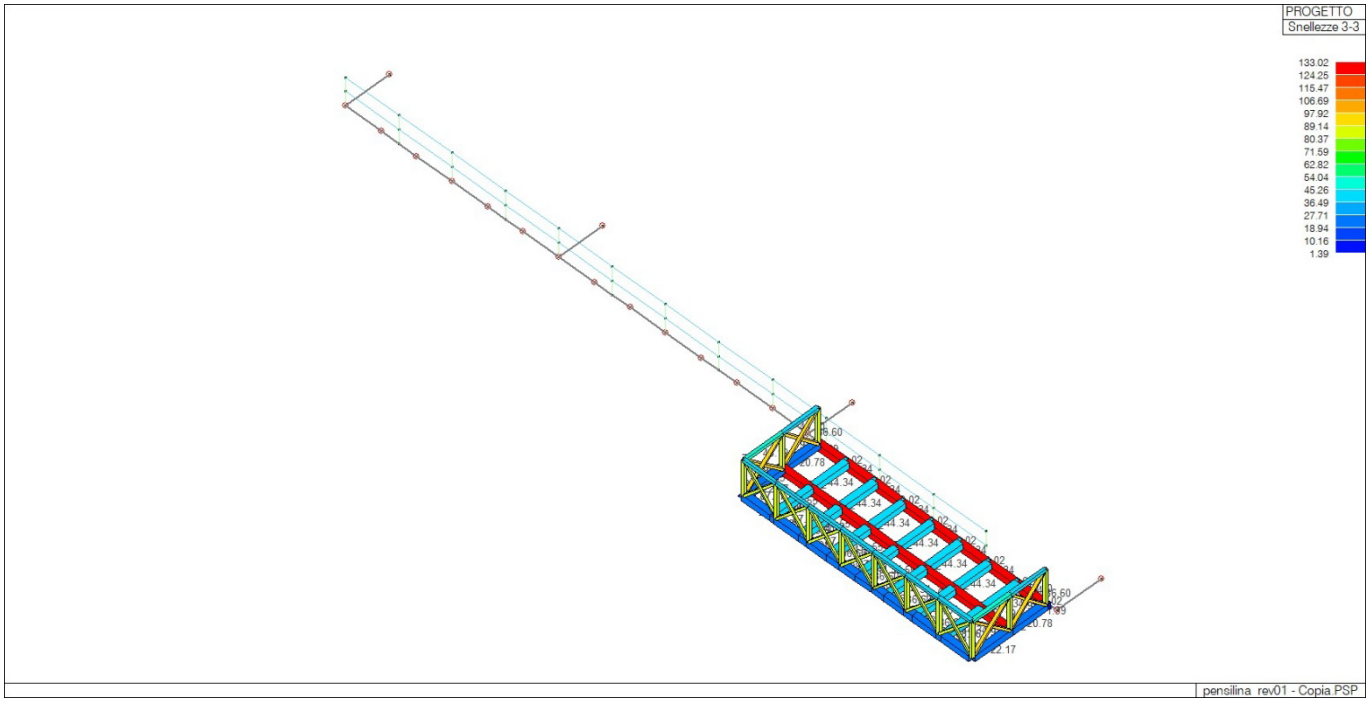
74_WaD2_18_Mom torcente



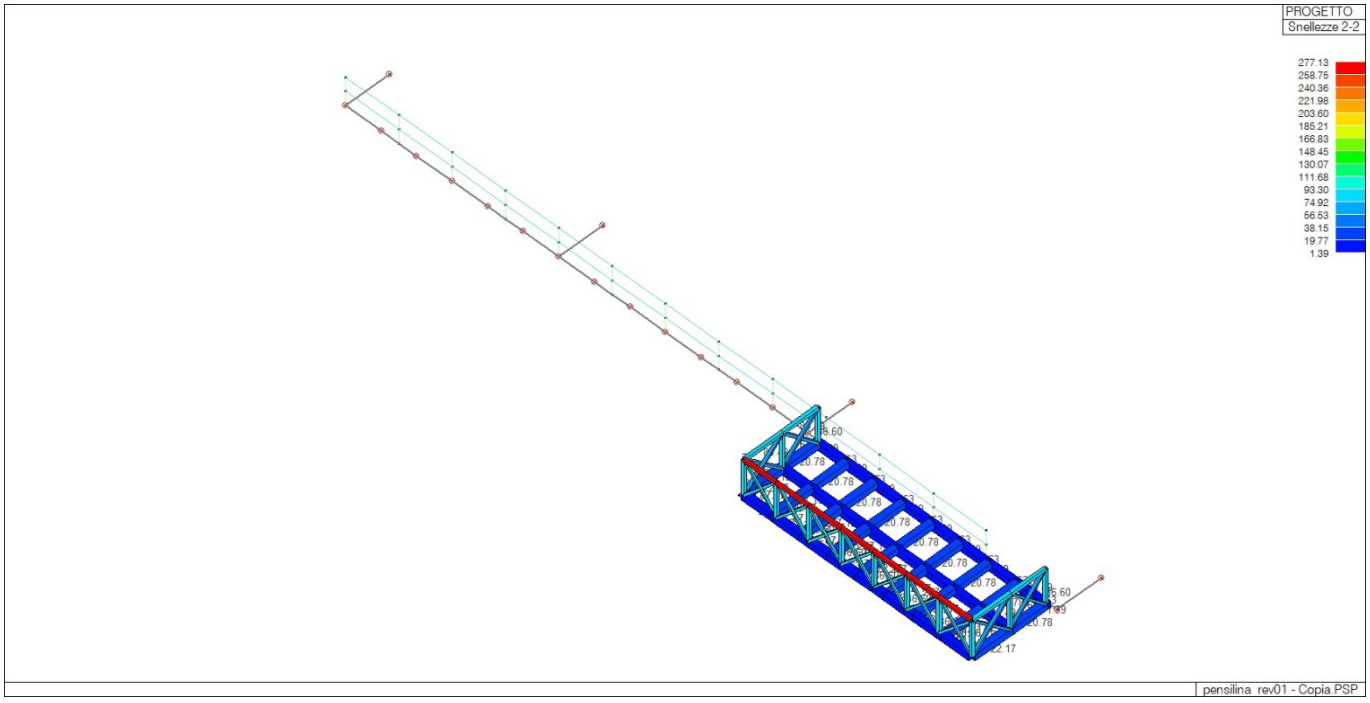
74_WaD2_19_Momento 2-2



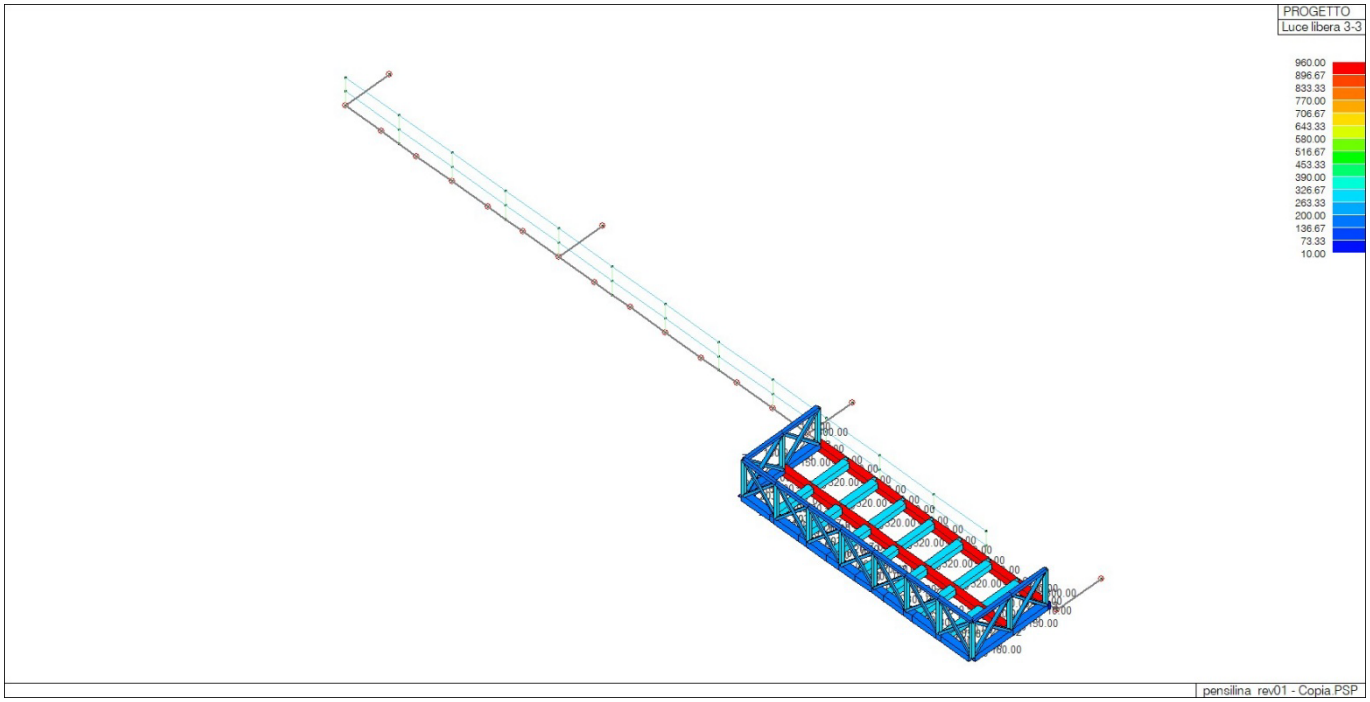
74_WaD2_20_Momento 3-3



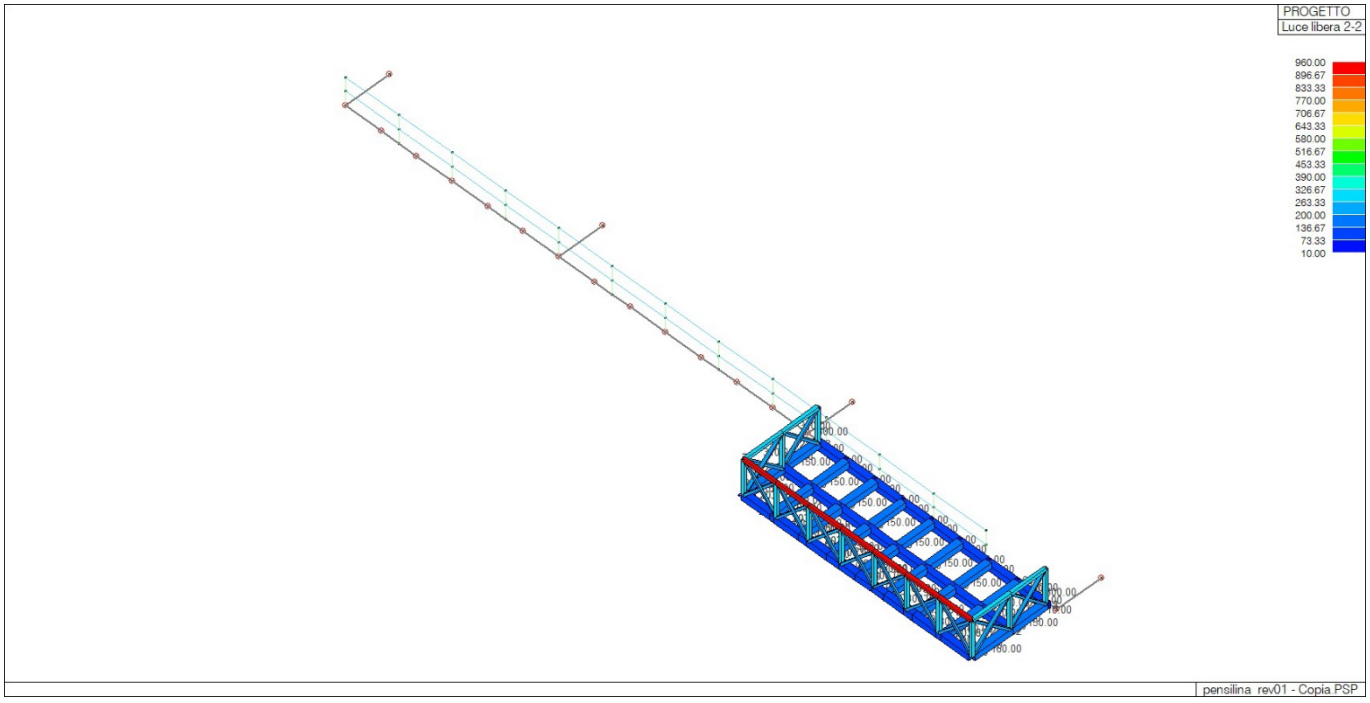
74_WaD2_21_Snellezze 3-3



74_WaD2_22_Snellezze 2-2



74_WaD2_23_Luce libera 3-3



74_WaD2_24_Luce libera 2-2

RELAZIONE GEOTECNICA E DELLE FONDAZIONI

NORMATIVE DI RIFERIMENTO

In quanto di seguito riportato viene fatto esplicito riferimento alle seguenti Normative:

- LEGGE n° 64 del 02/02/1974. "Provvedimenti per le costruzioni, con particolari prescrizioni per le zone sismiche.";
- D.M. LL.PP. del 11/03/1988. "Norme tecniche riguardanti le indagini sui terreni e sulle rocce, la stabilità dei pendii naturali e delle scarpate, i criteri generali e le prescrizioni per la progettazione, l'esecuzione e il collaudo delle opere di sostegno delle terre e delle opere di fondazione.";
- D.M. LL.PP. del 16/01/1996. "Norme tecniche per le costruzioni in zone sismiche.";
- Circolare Ministeriale LL.PP. n° 65/AA.GG. del 10/04/1997. "Istruzioni per l'applicazione delle "Norme Tecniche per le costruzioni in zone sismiche" di cui al D.M. 16/01/1996.";
- Eurocodice 1 - Parte 1 - "Basi di calcolo ed azioni sulle strutture - Basi di calcolo -.";
- Eurocodice 7 - Parte 1 -"Progettazione geotecnica - Regole generali -.";
- Eurocodice 8 - Parte 5 -"Indicazioni progettuali per la resistenza sismica delle strutture - Fondazioni, strutture di contenimento ed aspetti geotecnici -.";
- D.M. 17/01/2018 - NUOVE NORME TECNICHE PER LE COSTRUZIONI
- Circolare n. 7 del 21/01/2019

INDAGINI IN SITO E CARATTERIZZAZIONE GEOTECNICA DEI TERRENI DI FONDAZIONE

La finalità della presente relazione è quella di definire il comportamento meccanico del volume di terreno (volume significativo) influenzato direttamente o indirettamente dalla costruzione di un manufatto e che a sua volta influenza il comportamento strutturale del manufatto stesso. Di seguito si illustrano i risultati delle indagini geologiche eseguite, nonché l'interpretazione dei risultati ottenuti. Dal quadro generale in tal modo scaturito si definiscono le caratteristiche della fondazione da adottare ed il modello da utilizzare per le elaborazioni relative alla interazione sovrastruttura-fondazione e fondazione-terreno.

.....

Le risultanze dell'indagine in sito hanno evidenziato che:

.....

Di seguito si riportano alcuni cenni teorici relativi alle modalità di calcolo implementate e la descrizione della simbologia adottata nei tabulati.

DETERMINAZIONE DELLA PORTANZA VERTICALE DI FONDAZIONI PROFONDE

Per la determinazione della portanza verticale di fondazioni profonde si fa riferimento a due contributi: la "portanza di punta" e la "portanza per attrito laterale". Queste due componenti in genere sono calcolate in maniera autonoma dato che risulta molto difficoltoso, tranne che in poche situazioni, stabilire quanta parte del carico è assorbita dall'attrito laterale e quanta dalla resistenza alla punta. Nel seguito, ai fini del calcolo della portanza verticale, si assumeranno le seguenti espressioni generali valide per il caso di palo soggetto a compressione e per il caso di palo soggetto a trazione (nel calcolo della portanza verticale è possibile tenere in conto tutti o solo uno dei contributi su definiti):

$$Q_C = \frac{Q_P}{\eta_P} + \frac{Q_L}{\eta_L} - W_{ATT.NEG.} - W_P \quad \text{(caso di palo in compressione)} \qquad Q_T = \frac{Q_L}{\eta_L} + W_P \quad \text{(caso di palo in trazione)}$$

dove i simboli su riportati hanno il seguente significato:

- Q_C resistenza a compressione del palo
- Q_T resistenza a trazione del palo
- Q_P carico limite verticale alla punta del palo
- Q_L carico limite verticale lungo la superficie laterale del palo
- $W_{ATT.NEG.}$ attrito negativo agente sul palo
- W_P peso totale del palo
- h_P coefficiente di sicurezza per carico limite verticale alla punta del palo
- h_L coefficiente di sicurezza per carico limite verticale lungo la superficie laterale del palo

I valori del carico limite verticale alla punta del palo "Q_P" e del carico limite verticale lungo la superficie laterale del palo "Q_L" sono determinati con le note "formule statiche". Queste esprimono i valori di cui sopra in funzione della geometria del palo, delle caratteristiche geotecniche del terreno in cui è immerso, della modalità esecutiva e dell'interfaccia palo-terreno.
Di seguito si illustrano le metodologie con le quali saranno determinati i valori prima citati; è necessario tenere presente che tali metodi sono riferiti al calcolo del "singolo palo" e per estendere tale modalità computazione al caso di "pali in gruppo" si farà ricorso ai "coefficienti d'efficienza", in questo modo si potrà tenere in debito conto l'interferenza reciproca che i pali esercitano.

CARICO LIMITE VERTICALE ALLA PUNTA DEL PALO

Il valore del carico limite verticale alla punta del palo, indipendentemente dal metodo utilizzato per la sua determinazione, è condizionato dalla modalità esecutiva. Esso varia notevolmente a seconda che il palo sia del tipo "infisso" o "trivellato" poiché le caratteristiche fisico-meccaniche del terreno circostante il palo variano in seguito alle operazioni d'installazione. Di conseguenza, per tenere conto della modalità esecutiva nel calcolo dei coefficienti di portanza, si propone di modificare il valore dell'angolo di resistenza a taglio secondo quanto suggerito da Kishida (1967):

$$\phi_{cor} = \frac{\phi + 40}{2} \quad \text{(per pali infissi)} \qquad \phi_{cor} = \phi - 3^\circ \quad \text{(per pali trivellati)}$$

Con la correzione di cui sopra si determineranno i fattori adimensionali di portanza che sono presenti nella relazione per la determinazione del carico limite verticale alla punta che assume la seguente espressione:

$$Q_P = A_P \cdot \left(q_P \cdot N_q^* + c \cdot N_c^*\right)$$

dove i simboli su riportati hanno il seguente significato:

- A_P superficie portante efficace della punta del palo
- q_P pressione del terreno presente alla punta del palo
- c coesione del terreno alla punta del palo (nel caso di condizione non drenata $c = c_u$)
- N^*_q, N^*_c fattori adimensionali di portanza funzione dell'angolo d'attrito interno j_{cor} del terreno già corretti

In letteratura esistono diverse formulazioni per il calcolo dei fattori adimensionali di portanza, di seguito si riportano quelle che sono state implementate:

Formulazione di Meyerhof per base poggiante su terreni sciolti (1951)

- se $\phi \neq 0$ (*condizione drenata*) si ha:

$$N_q = \mathrm{tg}^2\left(\frac{\pi}{4} + \frac{\phi}{2}\right) \cdot e^{\pi \cdot \mathrm{tg}(\phi)} \qquad N_c = (N_q - 1) \cdot \mathrm{ctg}(\phi)$$

$$s_q = 1 + 0.1 \cdot \mathrm{tg}^2\left(\frac{\pi}{4} + \frac{\phi}{2}\right) \qquad s_c = 1 + 0.2 \cdot \mathrm{tg}^2\left(\frac{\pi}{4} + \frac{\phi}{2}\right) \quad \text{(fattori di forma)}$$

$$d_q = 1 + 0.1 \cdot \frac{L}{D} \cdot \sqrt{\mathrm{tg}^2\left(\frac{\pi}{4} + \frac{\phi}{2}\right)} \qquad d_c = 1 + 0.2 \cdot \frac{L}{D} \cdot \sqrt{\mathrm{tg}^2\left(\frac{\pi}{4} + \frac{\phi}{2}\right)} \quad \text{(fattori d'approfondimento)}$$

$$N_q^* = N_q \cdot s_q \cdot d_q \qquad N_c^* = N_c \cdot s_c \cdot d_c$$

se $\phi = 0$ (*condizione non drenata*) si ha:

$$N_q = 1.00 \qquad N_c = \pi + 2$$

$$s_q = 1.00 \qquad s_c = 1.20 \quad \text{(fattori di forma)}$$

$$d_q = 1.00 \qquad d_c = 1 + 0.2 \cdot \frac{L}{D}$$
$$N_q^* = N_q \cdot s_q \cdot d_q \qquad N_c^* = N_c \cdot s_c \cdot d_c$$

(fattori d'approfondimento)

Formulazione di Hansen per base poggiante su terreni sciolti (1970)

se ϕ ≠ 0 (*condizione drenata*) si ha:

$$N_q = \mathrm{tg}^2\left(\frac{\pi}{4} + \frac{\phi}{2}\right) \cdot e^{\pi \cdot \mathrm{tg}(\phi)} \qquad N_c = (N_q - 1) \cdot \mathrm{ctg}(\phi)$$
$$s_q = 1 + \mathrm{tg}(\phi) \qquad s_c = 1 + \frac{N_q}{N_c}$$

(fattori di forma)

$$d_q = 1 + 2 \cdot \mathrm{tg}(\phi) \cdot \left(1 - \mathrm{sen}(\phi)\right)^2 \cdot \Theta \qquad d_c = 1 + 0.4 \cdot \Theta$$

(fattori d'approfondimento)

$$\text{dove: se } \frac{L}{D} \leq 1 \Rightarrow \Theta = \frac{L}{D}, \text{ se } \frac{L}{D} > 1 \Rightarrow \Theta = \mathrm{arctg}\left(\frac{L}{D}\right)$$
$$N_q^* = N_q \cdot s_q \cdot d_q \qquad N_c^* = N_c \cdot s_c \cdot d_c$$

se ϕ = 0 (*condizione non drenata*) si ha:

$$N_q = 1.00 \qquad N_c = \pi + 2$$
$$s_q = 1.00 \qquad s_c = 1.20$$

(fattori di forma)

$$d_q = 1.00 \qquad d_c = 1 + 0.4 \cdot \Theta$$

(fattori d'approfondimento)

$$N_q^* = N_q \cdot s_q \cdot d_q \qquad N_c^* = N_c \cdot s_c \cdot d_c$$

Formulazione di Zeevaert per base poggiante su terreni sciolti (1972)

se ϕ ≠ 0 (*condizione drenata*) si ha:

$$N_q^* = \frac{\cos^2(\phi)}{2 \cdot \cos^2\left(\frac{\pi}{4} + \frac{\phi}{2}\right)} \cdot e^{\left(\frac{3 \cdot \pi}{2} + \phi\right) \cdot \mathrm{tg}(\phi)} \qquad N_c^* = (N_q - 1) \cdot \mathrm{ctg}(\phi)$$

se ϕ = 0 (*condizione non drenata*) si ha:

$$N_q^* = 1.00 \qquad N_c^* = 9.00$$

Formulazione di Berezantzev per base poggiante su terreni sciolti (1970)

Berezantzev fa riferimento ad una superficie di scorrimento "alla Terzaghi" che si arresta sul piano della punta del palo. Inoltre considera il cilindro di terreno coassiale al palo (avente diametro pari all'estensione in sezione della superficie di scorrimento) in parte sostenuto da tensioni tangenziali dal rimanente terreno presente lungo la superficie laterale del cilindro. Conseguentemente il valore della pressione presente alla punta del palo è inferiore alla corrispondente pressione litostatica ed è influenzata dal rapporto tra la profondità alla quale è posta la punta "L" del palo e il diametro "D" dello stesso. Quindi il valore di N^*_q è influenzato da questo effetto "Silo". I valori che l'autore propone sono:

se ϕ ? 0 (*condizione drenata*) si ha:

Valori di N^*_q per pali di diametro fino a 80.0 cm.

L/D	8°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°
4	1.07	2.18	3.15	4.72	7.15	10.73	15.85	22.95	32.62	45.56	62.69	85.18	114.53	152.71	202.32	266.82	350.86	460.79	605.36
12	1.04	1.77	2.46	3.64	5.52	8.42	12.71	18.85	27.44	39.21	55.07	76.20	104.13	140.81	188.86	251.72	334.05	442.17	584.82
20	1.03	1.63	2.20	3.20	4.82	7.38	11.22	16.82	24.76	35.79	50.83	71.06	98.01	133.65	180.59	242.29	323.39	430.21	571.48
28	1.03	1.54	2.05	2.93	4.40	6.72	10.26	15.48	22.96	33.43	47.84	67.37	93.54	128.35	174.39	235.13	315.21	420.95	561.08
36	1.02	1.49	1.94	2.75	4.10	6.26	9.57	14.49	21.60	31.64	45.53	64.48	90.00	124.10	169.36	229.27	308.46	413.26	552.38
50	1.02	1.42	1.82	2.53	3.74	5.68	8.70	13.23	19.84	29.27	42.45	60.56	85.14	118.18	162.30	220.95	298.80	402.16	539.74
75	1.02	1.35	1.69	2.30	3.33	5.02	7.69	11.74	17.73	26.37	38.58	55.55	78.82	110.38	152.84	209.67	285.53	386.74	522.01
100	1.01	1.31	1.61	2.14	3.07	4.60	7.02	10.74	16.28	24.34	35.84	51.95	74.19	104.56	145.68	201.02	275.23	374.64	507.95
200	1.01	1.22	1.44	1.84	2.54	3.71	5.60	8.56	13.05	19.73	29.43	43.30	62.82	89.95	127.29	178.30	247.63	341.59	468.90
500	1.01	1.14	1.29	1.55	2.02	2.82	4.14	6.24	9.50	14.45	21.83	32.64	48.25	70.49	101.85	145.69	206.57	290.75	406.87

Valori di N^*_q per pali di diametro maggiore a 80.0 cm.

L/D	8°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°	50°
4	1.16	3.09	3.95	5.04	6.44	8.22	10.50	13.41	17.12	21.87	27.92	35.65	45.53	58.14	74.24	94.80	121.05	154.57	197.38
12	1.21	3.14	3.98	5.05	6.42	8.14	10.34	13.13	16.68	21.18	26.90	34.17	43.41	55.15	70.07	89.03	113.13	143.77	182.72
20	1.26	3.18	4.01	5.06	6.39	8.06	10.18	12.85	16.23	20.49	25.88	32.69	41.29	52.16	65.89	83.26	105.21	132.97	168.06
28	1.30	3.22	4.04	5.07	6.36	7.99	10.02	12.57	15.78	19.81	24.86	31.20	39.17	49.16	61.72	77.49	97.29	122.16	153.40
36	1.35	3.27	4.07	5.08	6.34	7.91	9.86	12.30	15.33	19.12	23.84	29.72	37.04	46.17	57.55	71.72	89.38	111.36	138.75
44	1.39	3.31	4.10	5.09	6.31	7.83	9.70	12.02	14.88	18.43	22.81	28.23	34.92	43.18	53.38	65.95	81.46	100.56	124.09
52	1.44	3.35	4.14	5.10	6.29	7.75	9.54	11.74	14.44	17.74	21.79	26.75	32.80	40.19	49.21	60.18	73.54	89.76	109.43

56	1.46	3.37	4.15	5.10	6.27	7.71	9.46	11.60	14.21	17.40	21.28	26.00	31.74	38.70	47.12	57.30	69.58	84.36	102.10
60	1.49	3.39	4.17	5.11	6.26	7.67	9.38	11.46	13.99	17.06	20.77	25.26	30.68	37.20	45.03	54.42	65.62	78.96	94.77
65	1.51	3.42	4.19	5.12	6.25	7.62	9.28	11.29	13.71	16.63	20.13	24.33	29.35	35.33	42.43	50.81	60.67	72.21	85.61

$$N_c^* = (N_q - 1) \cdot \mathrm{ctg}(\phi)$$

se ϕ = 0 (*condizione non drenata*) si ha:

$$N_q^* = 1.00 \qquad N_c^* = 9.00$$

Formulazione di Vesic per base poggiante su terreni sciolti (1975)

se ϕ ≠ 0 (*condizione drenata*) si ha:

$$N_q^* = \frac{3}{3-\mathrm{sen}(\phi)} \cdot \mathrm{tg}^2\left(\frac{\pi}{4}+\frac{\phi}{2}\right) \cdot I_{rr}^{\frac{4\cdot\mathrm{sen}(\phi)}{3\cdot(1+\mathrm{sen}(\phi))}} \cdot e^{\left(\frac{\pi}{2}-\phi\right)\cdot\mathrm{tg}(\phi)} \qquad N_c^* = (N_q - 1) \cdot \mathrm{ctg}(\phi)$$

$$I_{rr} = \frac{I_r}{1+\varepsilon_v \cdot I_r} \qquad \varepsilon_v = \frac{q_p \cdot \alpha}{E_t} \cdot \frac{(1+\nu)\cdot(1-2\cdot\nu)}{(1-\nu)} \qquad I_r = \frac{E_t}{2\cdot(1+\nu)\cdot(c+q_P\cdot\alpha\cdot\mathrm{tg}(\phi))}$$

se ϕ = 0 (*condizione non drenata*) si ha:

$$N_q^* = 1.00 \qquad N_c^* = \frac{4}{3} \cdot (\log_n(I_{rr}) + 1) + \frac{\pi}{2} + 1$$

dove i simboli su riportati hanno il seguente significato:

- E_t modulo elastico del terreno alla profondità della punta del palo
- *n* coefficiente di Poisson del terreno alla profondità della punta del palo
- *a* coefficiente di riduzione della pressione del terreno presente alla profondità della punta del palo

Nel caso in cui si scelga di effettuare la riduzione della pressione del terreno presente alla profondità della punta del palo (cioè a ? 1) il coefficiente di riduzione "a" assume la seguente espressione:

$$\alpha = \frac{1+2\cdot K_0}{3} \qquad \text{dove: se } \phi \neq 0 \Rightarrow K_0 = 1 - \mathrm{sen}(\phi); \qquad \text{se } \phi = 0 \Rightarrow K_0 = \frac{\nu}{1-\nu}$$

Formulazione di Janbu per base poggiante su terreni sciolti (1976)

se ϕ ≠ 0 (*condizione drenata*) si ha:

$$N_q^* = \left(\mathrm{tg}(\phi) + \sqrt{1+\mathrm{tg}^2(\phi)}\right)^2 \cdot e^{2\cdot\vartheta\cdot\mathrm{tg}(\phi)} \qquad N_c^* = (N_q - 1) \cdot \mathrm{ctg}(\phi)$$

$$\vartheta = 60 + 0.45 \cdot \mathrm{Dr}$$

dove "*Dr*" è la densità relativa del terreno.

se ϕ = 0 (*condizione non drenata*) si ha:

$$N_q^* = 1.00 \qquad N_c^* = 5.74$$

Formulazione di Terzaghi per base poggiante su roccia (1943)

Per la determinazione del carico limite nel caso di presenza di ammasso roccioso bisogna valutare molto attentamente il grado di solidità della roccia stessa. Tale valutazione viene in genere eseguita stimando l'indice *RQD* (Rock Quality Designation) che rappresenta una misura della qualità di un ammasso roccioso. Tale indice può variare da un minimo di 0 (caso in cui la lunghezza dei pezzi di roccia estratti dal carotiere è inferiore a 100 mm) ad un massimo di 1 (caso in cui la carota risulta integra) ed è calcolato nel seguente modo:

$$\mathrm{RQD} = \frac{\sum \text{lunghezze dei pezzi di roccia intatta} > 100\text{mm}}{\text{lunghezza del carotiere}}.$$

Se il valore di *RQD* è molto basso la roccia è molto fratturata ed il calcolo della capacità portante dell'ammasso roccioso va condotto alla stregua di un terreno sciolto utilizzando tutte le formulazioni sopra descritte.

$$N_q = \frac{e^{2\cdot\left(\frac{3\cdot\pi}{4}-\frac{\phi}{2}\right)\cdot\mathrm{tg}(\phi)}}{2\cdot\cos^2\left(\frac{\pi}{4}+\frac{\phi}{2}\right)} \qquad N_c = (N_q - 1) \cdot \mathrm{ctg}(\phi) \qquad \text{se } \phi = 0 \Rightarrow N_c = \frac{3}{2}\cdot\pi + 1$$

$$s_q = 1.00 \qquad s_c = 1.30 \qquad \text{(fattori di forma)}$$

$$N_q^* = \mathrm{RQD}^2 \cdot N_q \cdot s_q \qquad N_c^* = \mathrm{RQD}^2 \cdot N_c \cdot s_c$$

Formulazione di Stagg-Zienkiewicz per base poggiante su roccia (1968)

$$N_q = \mathrm{tg}^6\left(\frac{90°+\phi}{2}\right) \qquad N_c = 5 \cdot \mathrm{tg}^4\left(\frac{90°+\phi}{2}\right)$$

$s_q = 1.00$ $\quad s_c = 1.30$ (fattori di forma)

$N_q^* = \mathrm{RQD}^2 \cdot N_q \cdot s_q$ $\quad N_c^* = \mathrm{RQD}^2 \cdot N_c \cdot s_c$

CARICO LIMITE VERTICALE LUNGO LA SUPERFICIE LATERALE DEL PALO

Il valore del carico limite verticale lungo la superficie laterale del palo è dato dall'integrale esteso a tutta la superficie laterale del palo delle tensioni tangenziali che si sviluppano all'interfaccia palo-terreno in condizioni limite:

$$Q_L = \int_\Gamma \tau_{\lim} \cdot d\Gamma = \int_0^L (c_a + \sigma_h \cdot \mathrm{tg}(\delta)) \cdot P_{\mathrm{lat}} \cdot \mathrm{dz}$$

dove i simboli sopra riportati hanno il seguente significato:

- c_a adesione all'interfaccia terreno-palo alla generica profondità "z"
- s_h tensione orizzontale alla generica profondità "z"
- d angolo di resistenza a taglio all'interfaccia terreno-palo alla generica profondità "z"
- P_{lat} perimetro della sezione trasversale del palo alla generica profondità "z"
- L sviluppo longitudinale del palo

Analogamente al carico limite alla punta, anche il valore del carico limite verticale lungo la superficie laterale del palo varia notevolmente a seconda che esso sia del tipo "infisso" o "trivellato" a causa del diverso comportamento del terreno circostante in palo. Conseguentemente i parametri sopra riportati possono essere correlati da leggi diverse in funzione delle modalità di esecuzione del palo. Di seguito si descrivono quelle che sono state implementate.

L'adesione "c_a" è correlata alla coesione "c" nel caso di condizioni drenate; oppure alla coesione non drenata "c_u" nel caso di condizioni non drenate, per mezzo del coefficiente d'adesione "y" secondo la seguente relazione:

$$c_a = c_* \cdot \psi \qquad \text{dove: } c_* = c \text{ (in condizione drenata);}$$
$$c_* = c_u \text{ (in condizione non drenata).}$$

Esprimendo il valore di "c_*" in N/cm^2, il coefficiente d'adesione "y" può assumere i seguenti valori:

Caquot-Kerisel (consigliato per pali trivellati)

$$\psi = \frac{100 + c_*^2}{100 + 7 \cdot c_*^2}$$

Meyerhof-Murdock (consigliato per pali trivellati)

$c_* \le 5.00$ N/cm^2 $\Rightarrow$ $\psi = 1.000 - 0.100 \cdot c_*$

$c_* > 5.00$ N/cm^2 $\Rightarrow$ $\psi = 0.525 - 0.005 \cdot c_*$

Whitaker-Cooke (consigliato per pali trivellati)

$c_* \le 2.50$ N/cm^2 $\Rightarrow$ $\psi = 0.90$

$2.50 < c_* \le 5.00$ N/cm^2 $\Rightarrow$ $\psi = 0.80$

$5.00 < c_* \le 7.50$ N/cm^2 $\Rightarrow$ $\psi = 0.60$

$c_* > 7.50$ N/cm^2 $\Rightarrow$ $\psi = 0.40$

Woodward (consigliato per pali trivellati)

$c_* \le 4.00$ N/cm^2 $\Rightarrow$ $\psi = 0.90$

$4.00 < c_* \le 8.00$ N/cm^2 $\Rightarrow$ $\psi = 0.60$

$8.00 < c_* \le 12.00$ N/cm^2 $\Rightarrow$ $\psi = 0.50$

$12.00 < c_* \le 20.00$ N/cm^2 $\Rightarrow$ $\psi = 0.40$

$c_* > 20.00$ N/cm^2 $\Rightarrow$ $\psi = 0.30$

Viggiani e altri (consigliato per pali infissi)

$$\begin{aligned}
&\text{se } c_* \le 5.00\ \text{N/cm}^2 && \Rightarrow && \psi = 1.00\\
&\text{se } 5.00 < c_* \le 10.00\ \text{N/cm}^2 && \Rightarrow && \psi = 0.70\\
&\text{se } 10.00 < c_* \le 15.00\ \text{N/cm}^2 && \Rightarrow && \text{ø} = 0.50\\
&\text{se } 15.00 < c_* \le 20.00\ \text{N/cm}^2 && \Rightarrow && \psi = 0.40\\
&\text{se } c_* > 20.00\ \text{N/cm}^2 && \Rightarrow && \psi = 0.30
\end{aligned}$$

Il valore della tensione orizzontale "s_h" è correlato al valore della pressione verticale "s_v" per mezzo del coefficiente di spinta orizzontale "K_s" secondo la seguente relazione:

$$\sigma_h = \sigma_v \cdot K_s$$

Il valore di "K_s" dipende essenzialmente dal tipo di terreno e dal suo stato d'addensamento nonché dalla tecnologia utilizzata per l'installazione.

Il programma permette di scegliere tra differenti teorie per il calcolo di K_s.

Opzione 1:
Metodo "Tomlinson (1971)"
K_s può variare da un limite inferiore pari al coefficiente di spinta a riposo "K_0" fino a valori prossimi al coefficiente di spinta passiva "K_p"; i valori proposti sono:
pali trivellati: $K_s = K_0 = 1 - sen(\Phi)$
pali infissi: K_s = variabile da: $K_p = 1 + tg^2(\Phi)$ in sommità fino a $K_0 = 1 - sen(\Phi)$ alla punta

Opzione 2:
Metodo di "Kulhavy (1983)"
pali trivellati: $K_s = a\ K_0$ con a variabile tra 2/3 e 1
pali infissi: $K_s = a\ K_0$ con a variabile da 3/4, per compattazione del terreno trascurabile, fino a 2, nel caso di compattazione significativa.

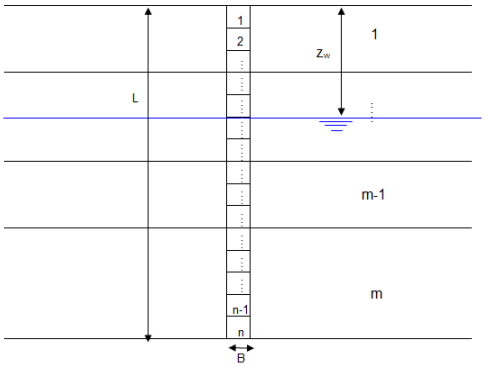
Il valore dell'angolo di resistenza al taglio all'interfaccia terreno-palo "d" è funzione della scabrezza della superficie del palo e quindi della modalità esecutiva; i valori proposti sono:

$$\delta = \text{arctg}(\text{tg}(\phi)) \quad \text{(per pali trivellati)} \qquad \delta = \text{arctg}\left(\frac{3}{4} \cdot \text{tg}(\phi)\right) \quad \text{(per pali infissi)}$$

DETERMINAZIONE DEI CEDIMENTI DI FONDAZIONI PROFONDE

Per la determinazione del comportamento del palo singolo sottoposto a carichi applicati alla sommità, si fa riferimento all'approccio semiempirico delle curve di trasferimento (Coyle e Reese (1966)). Il metodo delle curve di trasferimento é basato su dati provenienti da prove di carico su pali strumentati; elaborando tali dati è possibile costruire le curve di trasferimento che legano la tensione tangenziale mobilitata all'interfaccia palo-terreno lungo un concio del palo con lo spostamento relativo.
La curva di trasferimento si ottiene con una procedura che prevede i seguenti passi:

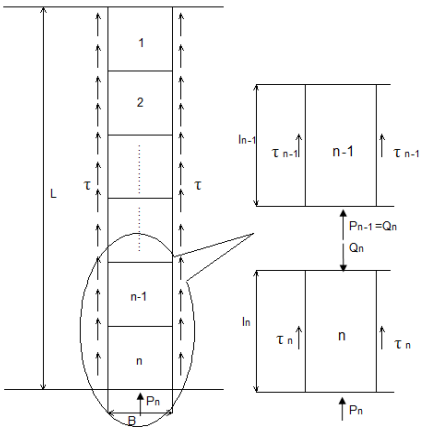
1. Suddivisione del palo in n conci



2. Definizione della resistenza limite del palo sulla base delle caratteristiche geometriche e delle caratteristiche del terreno. In presenza di terreno stratificato la resistenza sarà uguale alla sommatoria delle resistenze limite di ogni strato di terreno attraversato dal palo.

3. Si assegna all'estremità inferiore del palo (concio n) un cedimento *Wp*.

4. Si considera la curva di trasferimento appropriata (carico alla punta-cedimento) in base alla tecnologia costruttiva e al tipo di terreno presente e, noto il cedimento *Wp*, si ricava il carico alla punta *Pn*.



5. Si ipotizza che il cedimento alla base del concio *Wp* sia uguale al cedimento *Wn* che si verifica a metà del concio (*Wp*=*Wn*).

6. Con il valore di *Wn* si entra nell'appropriata curva di trasferimento (carico laterale-cedimento) e, nota la resistenza tangenziale limite, si ricava la tensione tangenziale mobilitata.

7. Il carico Qn agente sulla sommità del concio n-esimo è dato da:

$$Q_n = P_n + t_n \pi B l$$

Dove:

$$l = \frac{L}{n}$$

8. Si calcola l'abbassamento elastico in corrispondenza della metà del concio n

$$V_n = \frac{Q_n + P_n}{2} \frac{2l}{\pi B^2 E_p}$$

9. Si somma il valore calcolato di *Vn* con il valore di cedimento *Wp* ipotizzato inizialmente:

$$W_n' = V_n + W_p$$

10. Se il valore *Wn'* differisce in maniera significativa dal valore di *Wn* si riparte da passo 3 entrando nella curva di trasferimento con il valore di *Wn'*.

11. Quando si ottiene la giusta convergenza si passa a considerare il concio (n-1) e così via fino ad arrivare alla testa del palo.

Il risultato di questa procedura è una curva carico-cedimento con la quale è possibile ricavare i cedimenti sulla base del carico applicato.

SIMBOLOGIA ADOTTATA NEI TABULATI DI CALCOLO

Per maggior chiarezza nella lettura dei tabulati di calcolo viene riportata la descrizione dei simboli principali utilizzati nella stesura degli stessi. Per comodità di lettura la legenda è suddivisa in paragrafi con la stessa modalità in cui sono stampati i tabulati di calcolo.

Dati geometrici degli elementi costituenti le fondazioni profonde

- X elem. — ascissa nel riferimento globale dell'elemento
- Y elem. — ordinata nel riferimento globale dell'elemento
- Profon. — profondità del piano di posa dell'elemento a partire dal piano campagna
- Base — larghezza della sezione trasversale dell'elemento
- Lungh. — dimensione dello sviluppo longitudinale dell'elemento
- Altez. — altezza della sezione trasversale dell'elemento
- Rotaz. — rotazione dell'elemento rispetto al suo baricentro
- Grup. ap. — nel caso cui l'elemento faccia parte di una palificata, rappresenta il numero identificativo della stessa
- Ind. Strat. — indice della stratigrafia associata all'elemento
- Tip. iniez. — tipologia d'iniezione dei micropali ai fini del calcolo della portanza secondo le raccomandazioni di Bustamante e Doix (No iniez. = assenza d'iniezione, Iniez.uni. = iniezione unica, Iniez.rip. = iniezione ripetuta)
- Tip. ter. — tipologia di terreno ai fini del calcolo della portanza secondo le raccomandazioni di Bustamante e Doix (Coes. = coesivo, Inc. = incoerente)
- Dia. P. — diametro fusto del palo
- Lun. P. — lunghezza totale del palo
- Lun. L. — lunghezza tratto del palo senza contributo di terreno
- Dis. P. — distanza del baricentro del palo dal bordo del plinto
- In. Px — interasse principale del palo
- In. Py — interasse secondario del palo
- Dia. B. — diametro bulbo del palo
- Lun. B. — lunghezza della sbulbatura del palo
- E.C.V. — coefficiente d'efficienza per carico limite verticale del singolo palo
- E.C.C. — coefficiente d'efficienza per carico critico verticale del singolo palo
- E.C.T. — coefficiente d'efficienza per carico limite trasversale del singolo palo
- Svin. testa — codice di svincolo alla rotazione in testa al palo (0 = non attivo, 1 = attivo)
- Vin. piede — codici di vincolo rispettivamente alla rotazione orizzontale, traslazione orizzontale e traslazione verticale applicabili al piede del palo (0 = non attivo, 1 = attivo)
- Asc. X' — ascissa del baricentro del singolo palo dell'elemento nel riferimento locale con origine nel baricentro del plinto
- Asc. Y' — ordinata del baricentro del singolo palo dell'elemento nel riferimento locale con origine nel baricentro del plinto
- Peso spec. — peso specifico del palo

- Mod. El. Pa. modulo elastico normale del palo

Dati di carico degli elementi costituenti le fondazioni profonde

- Cmb numero della combinazione di carico
- Tipologia tipologia della combinazione di carico
- Sismica flag per l'applicazione della riduzione sismica alle caratteristiche meccaniche del terreno di fondazione per la combinazione di carico in esame
- S. Normale sollecitazione normale agente alla quota del piano di fondazione dell'elemento (riferimento locale con origine nel baricentro del plinto)
- S. Tagliante X' sollecitazione tagliante lungo l'asse X' agente alla quota del piano di fondazione dell'elemento (riferimento locale con origine nel baricentro del plinto)
- S. Tagliante Y' sollecitazione tagliante lungo l'asse Y' agente alla quota del piano di fondazione dell'elemento (riferimento locale con origine nel baricentro del plinto)
- S. Flessionale X' sollecitazione flessionale lungo l'asse X' agente alla quota del piano di fondazione dell'elemento (riferimento locale con origine nel baricentro del plinto)
- S. Flessionale Y' sollecitazione flessionale lungo l'asse Y' agente alla quota del piano di fondazione dell'elemento (riferimento locale con origine nel baricentro del plinto)
- S. Torsionale sollecitazione torsionale agente alla quota del piano di fondazione dell'elemento (riferimento locale con origine nel baricentro del plinto)

Valori di calcolo per le fondazioni profonde

- Port. punta carico limite verticale alla punta del palo (valore su singolo palo corretto dal relativo coefficiente d'efficienza)
- Port. lat. carico limite verticale lungo la superficie laterale del fusto del palo (valore su singolo palo corretto dal relativo coefficiente d'efficienza)
- Port. bulbo carico limite verticale lungo la superficie laterale del bulbo del palo (valore su singolo palo corretto dal relativo coefficiente d'efficienza)
- C. Critico carico critico per l'instabilità del palo (valore su singolo palo corretto dal relativo coefficiente d'efficienza)
- Attr. Neg. attrito negativo agente sul palo (valore su singolo palo)
- Peso Palo peso totale del singolo palo
- Cmb numero e tipologia della combinazione di carico
- S. Norm. sollecitazione normale agente alla testa del palo in esame
- V. V. Com. resistenza a compressione del palo in esame (corretto dal relativo coefficiente di sicurezza)
- V. V. Tra. resistenza a trazione del palo in esame (corretto dal relativo coefficiente di sicurezza)
- Ver. Com. rapporto tra la sollecitazione normale agente alla testa del palo e la sua resistenza a compressione (verifica positiva se il rapporto è < 1.0)
- Ver. Tra. rapporto tra la sollecitazione normale agente alla testa del palo e la sua resistenza a trazione (verifica positiva se il rapporto è < 1.0)
- S. Tagl. sollecitazione tagliante agente alla testa del palo
- S. Fles. sollecitazione flessionale agente alla testa del palo
- V. V. Trs. resistenza trasversale del palo in esame (corretto dal relativo coefficiente di sicurezza)
- Ver. Tra. rapporto tra la sollecitazione tagliante agente alla testa del palo e la sua resistenza trasversale (verifica positiva se il rapporto è < 1.0)
- Ced. V. cedimento verticale in corrispondenza della testa del palo
- Ced. H. cedimento orizzontale in corrispondenza della testa del palo

PARAMETRI DI CALCOLO

Modalità di calcolo della portanza verticale per fondazioni profonde:
Per elementi con pali: Portanza di punta e laterale
Per elementi con micropali: Portanza di punta e laterale

Metodi di calcolo della portanza di punta per fondazioni profonde:

Per terreni sciolti: Vesic
Riduzione della tensione litostatica: No
Per terreni lapidei: Terzaghi
Riduzione di Kishida per pali battuti o trivellati: Si
Metodo di calcolo del coefficiente di spinta orizzontale Ks: Tomlinson

Coefficienti parziali e totali di sicurezza per Tensioni Ammissibili e S.L.E. nel calcolo della portanza per fondazioni profonde:
Coeff. di sicurezza alla punta: 2,50
Coeff. di sicurezza lungo il fusto: 2,50
Coeff. di sicurezza lungo il bulbo: 2,50
Coeff. di sicurezza per palo in trazione: 2,50

Combinazioni di carico:
APPROCCIO PROGETTUALE TIPO 2 - Comb. (A1+M1+R3)

Coefficienti parziali e totali di sicurezza per S.L.U. nel calcolo della portanza per pali trivellati:

I coeff. A1 risultano combinati secondo lo schema presente nella relazione di calcolo della struttura.

- Coeff. M1 per Tan f (statico): 1
- Coeff. M1 per c' (statico):1,00
- Coeff. M1 per Cu (statico): 1,00
- Coeff. M1 per Tan f (sismico): 1,00
- Coeff. M1 per c' (sismico): 1,00
- Coeff. M1 per Cu sismico): 1,00
- Coeff. R3 base: 1,35
- Coeff. R3 laterale in compressione: 1,15
- Coeff. R3 laterale in trazione: 1,25
- Coeff. R3 trasversale: 1,30

Fattore di correlazione Verticale: 1,70
Fattore di correlazione Trasversale: 1,70

ARCHIVIO STRATIGRAFIE

Indice / Descrizione: 001 / Nuova stratigrafia n. 1
Numero strati: 4
Profondità falda: 0,00 cm

Strato n.	Quota di riferimento	Spessore	Indice / Descrizione terreno	Attrito Neg.
1	da 0,0 a -180,0 cm	180,0 cm	004 / Limo argilloso	Assente
2	da -180,0 a -550,0 cm	370,0 cm	003 / Sabbia argillosa compatta	Assente
3	da -550,0 a -930,0 cm	380,0 cm	002 / Sabbia limosa compatta	Assente
4	da -930,0 a -1430,0 cm	500,0 cm	004 / Limo argilloso	Assente

ARCHIVIO TERRENI

Indice / Descrizione terreno: **004 / Limo argilloso**
Comportamento del terreno: condizione non drenata

Peso Spec.	P. Spec. Sat.	Cu	Mod.Elast.	Mod.Edom.	Dens.Rel.	Poisson	C. Ades.
daN/cmc	daN/cmc	daN/cmq	daN/cmq	daN/cmq	%	%	
0.00180	0.00200	0.500	100.000	100.000	60.0	0.500	0.50

Indice / Descrizione terreno: **003 / Sabbia argillosa compatta**
Comportamento del terreno: condizione drenata

Peso Spec.	P. Spec. Sat.	Angolo Res.	Coesione	Mod.Elast.	Mod.Edom.	Dens.Rel.	Poisson	C. Ades.
daN/cmc	daN/cmc	Gradi°	daN/cmq	daN/cmq	daN/cmq	%	%	
0.00160	0.00200	26.000	0.100	89.250	150.000	60.0	0.360	0.90

Indice / Descrizione terreno: **002 / Sabbia limosa compatta**
Comportamento del terreno: condizione drenata

Peso Spec.	P. Spec. Sat.	Angolo Res.	Coesione	Mod.Elast.	Mod.Edom.	Dens.Rel.	Poisson	C. Ades.

daN/cmc	daN/cmc	Gradi°	daN/cmq	daN/cmq	daN/cmq	%	%	
0.00160	0.00200	26.000	0.050	89.250	150.000	60.0	0.360	0.95

DATI GEOMETRICI DEGLI ELEMENTI COSTITUENTI LE FONDAZIONI PROFONDE

Elemento: 1 - Palo singolo - Tipologia pali: micropali

X elem.	Y elem.	Prof.	Base	Lungh.	Altez.	Rot.	Grup.ap.	Ind.strat.	Tip.iniez.	Tip.ter.
cm	cm	cm	cm	cm	cm	Gradi°	n.	n.		
0.0	0.0	0.0	0.0	0.0	0.0	0.00	1	001	No iniez.	Coes.

Dia. P.	Lun. P.	Lun. L.	Dist.P.	In. Px	In. Py	Dia. B.	Lun. B.	E.C.V.	E.C.C.	E.C.T.	Svin.testa	Vin.piede
cm	cm	cm	cm	cm	cm	cm	cm				codice	codice
24,0	1200,0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	1.00	0	0; 0; 0

Palo	Coord. X	Coord. Y
n.	cm	cm
1	0.00	0.00

Elemento: 2 - Palo singolo - Tipologia pali: micropali

X elem.	Y elem.	Prof.	Base	Lungh.	Altez.	Rot.	Grup.ap.	Ind.strat.	Tip.iniez.	Tip.ter.
cm	cm	cm	cm	cm	cm	Gradi°	n.	n.		
960.0	0.0	0.0	0.0	0.0	0.0	0.00	2	001	No iniez.	Coes.

Dia. P.	Lun. P.	Lun. L.	Dist.P.	In. Px	In. Py	Dia. B.	Lun. B.	E.C.V.	E.C.C.	E.C.T.	Svin.testa	Vin.piede
cm	cm	cm	cm	cm	cm	cm	cm				codice	codice
24,0	1200,0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	1.00	0	0; 0; 0

Palo	Coord. X	Coord. Y
n.	cm	cm
1	0.00	0.00

Elemento: 3 - Palo singolo - Tipologia pali: micropali

X elem.	Y elem.	Prof.	Base	Lungh.	Altez.	Rot.	Grup.ap.	Ind.strat.	Tip.iniez.	Tip.ter.
cm	cm	cm	cm	cm	cm	Gradi°	n.	n.		
-2000.0	320.0	0.0	0.0	0.0	150.0	0.00	3	001	No iniez.	Coes.

Dia. P.	Lun. P.	Lun. L.	Dist.P.	In. Px	In. Py	Dia. B.	Lun. B.	E.C.V.	E.C.C.	E.C.T.	Svin.testa	Vin.piede
cm	cm	cm	cm	cm	cm	cm	cm				codice	codice
24,0	1200,0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	1.00	0	0; 0; 0

Palo	Coord. X	Coord. Y
n.	cm	cm
1	0.00	0.00

Elemento: 5 - Palo singolo - Tipologia pali: micropali

X elem.	Y elem.	Prof.	Base	Lungh.	Altez.	Rot.	Grup.ap.	Ind.strat.	Tip.iniez.	Tip.ter.
cm	cm	cm	cm	cm	cm	Gradi°	n.	n.		
0.0	160.0	0.0	0.0	0.0	0.0	0.00	5	001	No iniez.	Coes.

Dia. P.	Lun. P.	Lun. L.	Dist.P.	In. Px	In. Py	Dia. B.	Lun. B.	E.C.V.	E.C.C.	E.C.T.	Svin.testa	Vin.piede
cm	cm	cm	cm	cm	cm	cm	cm				codice	codice
24,0	1000,0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	1.00	0	0; 0; 0

Palo	Coord. X	Coord. Y
n.	cm	cm
1	0.00	0.00

Elemento: 6 - Palo singolo - Tipologia pali: micropali

X elem.	Y elem.	Prof.	Base	Lungh.	Altez.	Rot.	Grup.ap.	Ind.strat.	Tip.iniez.	Tip.ter.
cm	cm	cm	cm	cm	cm	Gradi°	n.	n.		
360.0	160.0	0.0	0.0	0.0	0.0	0.00	6	001	No iniez.	Coes.

Dia. P.	Lun. P.	Lun. L.	Dist.P.	In. Px	In. Py	Dia. B.	Lun. B.	E.C.V.	E.C.C.	E.C.T.	Svin.testa	Vin.piede
cm	cm	cm	cm	cm	cm	cm	cm				codice	codice
24,0	1200,0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	1.00	0	0; 0; 0

Palo	Coord. X	Coord. Y
n.	cm	cm
1	0.00	0.00

Elemento: 11 - Palo singolo - Tipologia pali: micropali

X elem.	Y elem.	Prof.	Base	Lungh.	Altez.	Rot.	Grup.ap.	Ind.strat.	Tip.iniez.	Tip.ter.
cm	cm	cm	cm	cm	cm	Gradi°	n.	n.		

120.0	0.0	0.0	0.0	0.0	0.0	0.00	11	001	No iniez.	Coes.

Dia. P.	Lun. P.	Lun. L.	Dist.P.	In. Px	In. Py	Dia. B.	Lun. B.	E.C.V.	E.C.C.	E.C.T.	Svin.testa	Vin.piede
cm	cm	cm	cm	cm	cm	cm	cm				codice	codice
24,0	1200,0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	1.00	0	0; 0; 0

Palo	Coord. X	Coord. Y
n.	cm	cm
1	0.00	0.00

Elemento: 16 - Palo singolo - Tipologia pali: micropali

X elem.	Y elem.	Prof.	Base	Lungh.	Altez.	Rot.	Grup.ap.	Ind.strat.	Tip.iniez.	Tip.ter.
cm	cm	cm	cm	cm	cm	Gradi°	n.	n.		
120.0	160.0	0.0	0.0	0.0	0.0	0.00	16	001	No iniez.	Coes.

Dia. P.	Lun. P.	Lun. L.	Dist.P.	In. Px	In. Py	Dia. B.	Lun. B.	E.C.V.	E.C.C.	E.C.T.	Svin.testa	Vin.piede
cm	cm	cm	cm	cm	cm	cm	cm				codice	codice
24,0	1000,0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	1.00	0	0; 0; 0

Palo	Coord. X	Coord. Y
n.	cm	cm
1	0.00	0.00

Elemento: 20 - Palo singolo - Tipologia pali: micropali

X elem.	Y elem.	Prof.	Base	Lungh.	Altez.	Rot.	Grup.ap.	Ind.strat.	Tip.iniez.	Tip.ter.
cm	cm	cm	cm	cm	cm	Gradi°	n.	n.		
240.0	0.0	0.0	0.0	0.0	0.0	0.00	20	001	No iniez.	Coes.

Dia. P.	Lun. P.	Lun. L.	Dist.P.	In. Px	In. Py	Dia. B.	Lun. B.	E.C.V.	E.C.C.	E.C.T.	Svin.testa	Vin.piede
cm	cm	cm	cm	cm	cm	cm	cm				codice	codice
24,0	1200,0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	1.00	0	0; 0; 0

Palo	Coord. X	Coord. Y
n.	cm	cm
1	0.00	0.00

Elemento: 25 - Palo singolo - Tipologia pali: micropali

X elem.	Y elem.	Prof.	Base	Lungh.	Altez.	Rot.	Grup.ap.	Ind.strat.	Tip.iniez.	Tip.ter.
cm	cm	cm	cm	cm	cm	Gradi°	n.	n.		
240.0	160.0	0.0	0.0	0.0	0.0	0.00	95	001	No iniez.	Coes.

Dia. P.	Lun. P.	Lun. L.	Dist.P.	In. Px	In. Py	Dia. B.	Lun. B.	E.C.V.	E.C.C.	E.C.T.	Svin.testa	Vin.piede
cm	cm	cm	cm	cm	cm	cm	cm				codice	codice
24,0	1200,0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	1.00	0	0; 0; 0

Palo	Coord. X	Coord. Y
n.	cm	cm
1	0.00	0.00

Elemento: 27 - Palo singolo - Tipologia pali: micropali

X elem.	Y elem.	Prof.	Base	Lungh.	Altez.	Rot.	Grup.ap.	Ind.strat.	Tip.iniez.	Tip.ter.
cm	cm	cm	cm	cm	cm	Gradi°	n.	n.		
960.0	160.0	0.0	0.0	0.0	0.0	0.00	27	001	No iniez.	Coes.

Dia. P.	Lun. P.	Lun. L.	Dist.P.	In. Px	In. Py	Dia. B.	Lun. B.	E.C.V.	E.C.C.	E.C.T.	Svin.testa	Vin.piede
cm	cm	cm	cm	cm	cm	cm	cm				codice	codice
24,0	1000,0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	1.00	0	0; 0; 0

Palo	Coord. X	Coord. Y
n.	cm	cm
1	0.00	0.00

Elemento: 28 - Palo singolo - Tipologia pali: micropali

X elem.	Y elem.	Prof.	Base	Lungh.	Altez.	Rot.	Grup.ap.	Ind.strat.	Tip.iniez.	Tip.ter.
cm	cm	cm	cm	cm	cm	Gradi°	n.	n.		
840.0	0.0	0.0	0.0	0.0	0.0	0.00	28	001	No iniez.	Coes.

Dia. P.	Lun. P.	Lun. L.	Dist.P.	In. Px	In. Py	Dia. B.	Lun. B.	E.C.V.	E.C.C.	E.C.T.	Svin.testa	Vin.piede
cm	cm	cm	cm	cm	cm	cm	cm				codice	codice
24,0	1200,0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	1.00	0	0; 0; 0

Palo	Coord. X	Coord. Y
n.	cm	cm
1	0.00	0.00

Elemento: 31 - Palo singolo - Tipologia pali: micropali

X elem.	Y elem.	Prof.	Base	Lungh.	Altez.	Rot.	Grup.ap.	Ind.strat.	Tip.iniez.	Tip.ter.
cm	cm	cm	cm	cm	cm	Gradi°	n.	n.		
720.0	320.0	0.0	0.0	0.0	150.0	0.00	31	001	No iniez.	Coes.

Dia. P.	Lun. P.	Lun. L.	Dist.P.	In. Px	In. Py	Dia. B.	Lun. B.	E.C.V.	E.C.C.	E.C.T.	Svin.testa	Vin.piede
cm	cm	cm	cm	cm	cm	cm	cm				codice	codice
24,0	1200,0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	1.00	0	0; 0; 0

Palo	Coord. X	Coord. Y
n.	cm	cm
1	0.00	0.00

Elemento: 32 - Palo singolo - Tipologia pali: micropali

X elem.	Y elem.	Prof.	Base	Lungh.	Altez.	Rot.	Grup.ap.	Ind.strat.	Tip.iniez.	Tip.ter.
cm	cm	cm	cm	cm	cm	Gradi°	n.	n.		
360.0	0.0	0.0	0.0	0.0	0.0	0.00	32	001	No iniez.	Coes.

Dia. P.	Lun. P.	Lun. L.	Dist.P.	In. Px	In. Py	Dia. B.	Lun. B.	E.C.V.	E.C.C.	E.C.T.	Svin.testa	Vin.piede
cm	cm	cm	cm	cm	cm	cm	cm				codice	codice
24,0	1200,0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	1.00	0	0; 0; 0

Palo	Coord. X	Coord. Y
n.	cm	cm
1	0.00	0.00

Elemento: 39 - Palo singolo - Tipologia pali: micropali

X elem.	Y elem.	Prof.	Base	Lungh.	Altez.	Rot.	Grup.ap.	Ind.strat.	Tip.iniez.	Tip.ter.
cm	cm	cm	cm	cm	cm	Gradi°	n.	n.		
720.0	160.0	0.0	0.0	0.0	0.0	0.00	39	001	No iniez.	Coes.

Dia. P.	Lun. P.	Lun. L.	Dist.P.	In. Px	In. Py	Dia. B.	Lun. B.	E.C.V.	E.C.C.	E.C.T.	Svin.testa	Vin.piede
cm	cm	cm	cm	cm	cm	cm	cm				codice	codice
24,0	1200,0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	1.00	0	0; 0; 0

Palo	Coord. X	Coord. Y
n.	cm	cm
1	0.00	0.00

Elemento: 43 - Palo singolo - Tipologia pali: micropali

X elem.	Y elem.	Prof.	Base	Lungh.	Altez.	Rot.	Grup.ap.	Ind.strat.	Tip.iniez.	Tip.ter.
cm	cm	cm	cm	cm	cm	Gradi°	n.	n.		
480.0	160.0	0.0	0.0	0.0	0.0	0.00	43	001	No iniez.	Coes.

Dia. P.	Lun. P.	Lun. L.	Dist.P.	In. Px	In. Py	Dia. B.	Lun. B.	E.C.V.	E.C.C.	E.C.T.	Svin.testa	Vin.piede
cm	cm	cm	cm	cm	cm	cm	cm				codice	codice
24,0	1000,0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	1.00	0	0; 0; 0

Palo	Coord. X	Coord. Y
n.	cm	cm
1	0.00	0.00

Elemento: 50 - Palo singolo - Tipologia pali: micropali

X elem.	Y elem.	Prof.	Base	Lungh.	Altez.	Rot.	Grup.ap.	Ind.strat.	Tip.iniez.	Tip.ter.
cm	cm	cm	cm	cm	cm	Gradi°	n.	n.		
600.0	0.0	0.0	0.0	0.0	0.0	0.00	50	001	No iniez.	Coes.

Dia. P.	Lun. P.	Lun. L.	Dist.P.	In. Px	In. Py	Dia. B.	Lun. B.	E.C.V.	E.C.C.	E.C.T.	Svin.testa	Vin.piede
cm	cm	cm	cm	cm	cm	cm	cm				codice	codice
24,0	1200,0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	1.00	0	0; 0; 0

Palo	Coord. X	Coord. Y
n.	cm	cm
1	0.00	0.00

Elemento: 52 - Palo singolo - Tipologia pali: micropali

X elem.	Y elem.	Prof.	Base	Lungh.	Altez.	Rot.	Grup.ap.	Ind.strat.	Tip.iniez.	Tip.ter.
cm	cm	cm	cm	cm	cm	Gradi°	n.	n.		
600.0	160.0	0.0	0.0	0.0	0.0	0.00	52	001	No iniez.	Coes.

Dia. P.	Lun. P.	Lun. L.	Dist.P.	In. Px	In. Py	Dia. B.	Lun. B.	E.C.V.	E.C.C.	E.C.T.	Svin.testa	Vin.piede
cm	cm	cm	cm	cm	cm	cm	cm				codice	codice

24,0	1000,0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	1.00	0	0; 0; 0

Palo	Coord. X	Coord. Y
n.	cm	cm
1	0.00	0.00

Elemento: 54 - Palo singolo - Tipologia pali: micropali

X elem.	Y elem.	Prof.	Base	Lungh.	Altez.	Rot.	Grup.ap.	Ind.strat.	Tip.iniez.	Tip.ter.
cm	cm	cm	cm	cm	cm	Gradi°	n.	n.		
840.0	160.0	0.0	0.0	0.0	0.0	0.00	54	001	No iniez.	Coes.

Dia. P.	Lun. P.	Lun. L.	Dist.P.	In. Px	In. Py	Dia. B.	Lun. B.	E.C.V.	E.C.C.	E.C.T.	Svin.testa	Vin.piede
cm	cm	cm	cm	cm	cm	cm	cm				codice	codice
24,0	1000,0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	1.00	0	0; 0; 0

Palo	Coord. X	Coord. Y
n.	cm	cm
1	0.00	0.00

Elemento: 56 - Palo singolo - Tipologia pali: micropali

X elem.	Y elem.	Prof.	Base	Lungh.	Altez.	Rot.	Grup.ap.	Ind.strat.	Tip.iniez.	Tip.ter.
cm	cm	cm	cm	cm	cm	Gradi°	n.	n.		
720.0	0.0	0.0	0.0	0.0	0.0	0.00	56	001	No iniez.	Coes.

Dia. P.	Lun. P.	Lun. L.	Dist.P.	In. Px	In. Py	Dia. B.	Lun. B.	E.C.V.	E.C.C.	E.C.T.	Svin.testa	Vin.piede
cm	cm	cm	cm	cm	cm	cm	cm				codice	codice
24,0	1200,0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	1.00	0	0; 0; 0

Palo	Coord. X	Coord. Y
n.	cm	cm
1	0.00	0.00

Elemento: 66 - Palo singolo - Tipologia pali: micropali

X elem.	Y elem.	Prof.	Base	Lungh.	Altez.	Rot.	Grup.ap.	Ind.strat.	Tip.iniez.	Tip.ter.
cm	cm	cm	cm	cm	cm	Gradi°	n.	n.		
-1550.0	320.0	0.0	0.0	0.0	150.0	0.00	66	001	No iniez.	Coes.

Dia. P.	Lun. P.	Lun. L.	Dist.P.	In. Px	In. Py	Dia. B.	Lun. B.	E.C.V.	E.C.C.	E.C.T.	Svin.testa	Vin.piede
cm	cm	cm	cm	cm	cm	cm	cm				codice	codice
24,0	1200,0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	1.00	0	0; 0; 0

Palo	Coord. X	Coord. Y
n.	cm	cm
1	0.00	0.00

Elemento: 68 - Palo singolo - Tipologia pali: micropali

X elem.	Y elem.	Prof.	Base	Lungh.	Altez.	Rot.	Grup.ap.	Ind.strat.	Tip.iniez.	Tip.ter.
cm	cm	cm	cm	cm	cm	Gradi°	n.	n.		
-1100.0	320.0	0.0	0.0	0.0	150.0	0.00	68	001	No iniez.	Coes.

Dia. P.	Lun. P.	Lun. L.	Dist.P.	In. Px	In. Py	Dia. B.	Lun. B.	E.C.V.	E.C.C.	E.C.T.	Svin.testa	Vin.piede
cm	cm	cm	cm	cm	cm	cm	cm				codice	codice
24,0	1200,0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	1.00	0	0; 0; 0

Palo	Coord. X	Coord. Y
n.	cm	cm
1	0.00	0.00

Elemento: 70 - Palo singolo - Tipologia pali: micropali

X elem.	Y elem.	Prof.	Base	Lungh.	Altez.	Rot.	Grup.ap.	Ind.strat.	Tip.iniez.	Tip.ter.
cm	cm	cm	cm	cm	cm	Gradi°	n.	n.		
-650.0	320.0	0.0	0.0	0.0	150.0	0.00	70	001	No iniez.	Coes.

Dia. P.	Lun. P.	Lun. L.	Dist.P.	In. Px	In. Py	Dia. B.	Lun. B.	E.C.V.	E.C.C.	E.C.T.	Svin.testa	Vin.piede
cm	cm	cm	cm	cm	cm	cm	cm				codice	codice
24,0	1200,0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	1.00	0	0; 0; 0

Palo	Coord. X	Coord. Y
n.	cm	cm
1	0.00	0.00

Elemento: 72 - Palo singolo - Tipologia pali: micropali

X elem.	Y elem.	Prof.	Base	Lungh.	Altez.	Rot.	Grup.ap.	Ind.strat.	Tip.iniez.	Tip.ter.

cm	cm	cm	cm	cm	cm	Gradi°	n.	n.		
-200.0	320.0	0.0	0.0	0.0	150.0	0.00	72	001	No iniez.	Coes.

Dia. P.	Lun. P.	Lun. L.	Dist.P.	In. Px	In. Py	Dia. B.	Lun. B.	E.C.V.	E.C.C.	E.C.T.	Svin.testa	Vin.piede
cm	cm	cm	cm	cm	cm	cm	cm				codice	codice
24,0	1200,0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	1.00	0	0; 0; 0

Palo	Coord. X	Coord. Y
n.	cm	cm
1	0.00	0.00

Elemento: 74 - Palo singolo - Tipologia pali: micropali

X elem.	Y elem.	Prof.	Base	Lungh.	Altez.	Rot.	Grup.ap.	Ind.strat.	Tip.iniez.	Tip.ter.
cm	cm	cm	cm	cm	cm	Gradi°	n.	n.		
250.0	320.0	0.0	0.0	0.0	150.0	0.00	74	001	No iniez.	Coes.

Dia. P.	Lun. P.	Lun. L.	Dist.P.	In. Px	In. Py	Dia. B.	Lun. B.	E.C.V.	E.C.C.	E.C.T.	Svin.testa	Vin.piede
cm	cm	cm	cm	cm	cm	cm	cm				codice	codice
24,0	1200,0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	1.00	0	0; 0; 0

Palo	Coord. X	Coord. Y
n.	cm	cm
1	0.00	0.00

Elemento: 91 - Palo singolo - Tipologia pali: micropali

X elem.	Y elem.	Prof.	Base	Lungh.	Altez.	Rot.	Grup.ap.	Ind.strat.	Tip.iniez.	Tip.ter.
cm	cm	cm	cm	cm	cm	Gradi°	n.	n.		
-1850.0	320.0	0.0	0.0	0.0	150.0	0.00	91	001	No iniez.	Coes.

Dia. P.	Lun. P.	Lun. L.	Dist.P.	In. Px	In. Py	Dia. B.	Lun. B.	E.C.V.	E.C.C.	E.C.T.	Svin.testa	Vin.piede
cm	cm	cm	cm	cm	cm	cm	cm				codice	codice
24,0	1200,0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	1.00	0	0; 0; 0

Palo	Coord. X	Coord. Y
n.	cm	cm
1	0.00	0.00

Elemento: 92 - Palo singolo - Tipologia pali: micropali

X elem.	Y elem.	Prof.	Base	Lungh.	Altez.	Rot.	Grup.ap.	Ind.strat.	Tip.iniez.	Tip.ter.
cm	cm	cm	cm	cm	cm	Gradi°	n.	n.		
-1700.0	320.0	0.0	0.0	0.0	150.0	0.00	92	001	No iniez.	Coes.

Dia. P.	Lun. P.	Lun. L.	Dist.P.	In. Px	In. Py	Dia. B.	Lun. B.	E.C.V.	E.C.C.	E.C.T.	Svin.testa	Vin.piede
cm	cm	cm	cm	cm	cm	cm	cm				codice	codice
24,0	1200,0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	1.00	0	0; 0; 0

Palo	Coord. X	Coord. Y
n.	cm	cm
1	0.00	0.00

Elemento: 93 - Palo singolo - Tipologia pali: micropali

X elem.	Y elem.	Prof.	Base	Lungh.	Altez.	Rot.	Grup.ap.	Ind.strat.	Tip.iniez.	Tip.ter.
cm	cm	cm	cm	cm	cm	Gradi°	n.	n.		
850.0	320.0	0.0	0.0	0.0	150.0	0.00	93	001	No iniez.	Coes.

Dia. P.	Lun. P.	Lun. L.	Dist.P.	In. Px	In. Py	Dia. B.	Lun. B.	E.C.V.	E.C.C.	E.C.T.	Svin.testa	Vin.piede
cm	cm	cm	cm	cm	cm	cm	cm				codice	codice
24,0	1200,0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	1.00	0	0; 0; 0

Palo	Coord. X	Coord. Y
n.	cm	cm
1	0.00	0.00

Elemento: 94 - Palo singolo - Tipologia pali: micropali

X elem.	Y elem.	Prof.	Base	Lungh.	Altez.	Rot.	Grup.ap.	Ind.strat.	Tip.iniez.	Tip.ter.
cm	cm	cm	cm	cm	cm	Gradi°	n.	n.		
-1400.0	320.0	0.0	0.0	0.0	150.0	0.00	94	001	No iniez.	Coes.

Dia. P.	Lun. P.	Lun. L.	Dist.P.	In. Px	In. Py	Dia. B.	Lun. B.	E.C.V.	E.C.C.	E.C.T.	Svin.testa	Vin.piede
cm	cm	cm	cm	cm	cm	cm	cm				codice	codice
24,0	1200,0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	1.00	0	0; 0; 0

Palo	Coord. X	Coord. Y
n.	cm	cm

1	0.00	0.00

Elemento: 95 - Palo singolo - Tipologia pali: micropali

X elem.	Y elem.	Prof.	Base	Lungh.	Altez.	Rot.	Grup.ap.	Ind.strat.	Tip.iniez.	Tip.ter.
cm	cm	cm	cm	cm	cm	Gradi°	n.	n.		
-1250.0	320.0	0.0	0.0	0.0	150.0	0.00	95	001	No iniez.	Coes.

Dia. P.	Lun. P.	Lun. L.	Dist.P.	In. Px	In. Py	Dia. B.	Lun. B.	E.C.V.	E.C.C.	E.C.T.	Svin.testa	Vin.piede
cm	cm	cm	cm	cm	cm	cm	cm				codice	codice
24,0	1200,0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	1.00	0	0; 0; 0

Palo	Coord. X	Coord. Y
n.	cm	cm
1	0.00	0.00

Elemento: 96 - Palo singolo - Tipologia pali: micropali

X elem.	Y elem.	Prof.	Base	Lungh.	Altez.	Rot.	Grup.ap.	Ind.strat.	Tip.iniez.	Tip.ter.
cm	cm	cm	cm	cm	cm	Gradi°	n.	n.		
400.0	320.0	0.0	0.0	0.0	150.0	0.00	96	001	No iniez.	Coes.

Dia. P.	Lun. P.	Lun. L.	Dist.P.	In. Px	In. Py	Dia. B.	Lun. B.	E.C.V.	E.C.C.	E.C.T.	Svin.testa	Vin.piede
cm	cm	cm	cm	cm	cm	cm	cm				codice	codice
24,0	1200,0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	1.00	0	0; 0; 0

Palo	Coord. X	Coord. Y
n.	cm	cm
1	0.00	0.00

Elemento: 97 - Palo singolo - Tipologia pali: micropali

X elem.	Y elem.	Prof.	Base	Lungh.	Altez.	Rot.	Grup.ap.	Ind.strat.	Tip.iniez.	Tip.ter.
cm	cm	cm	cm	cm	cm	Gradi°	n.	n.		
-950.0	320.0	0.0	0.0	0.0	150.0	0.00	97	001	No iniez.	Coes.

Dia. P.	Lun. P.	Lun. L.	Dist.P.	In. Px	In. Py	Dia. B.	Lun. B.	E.C.V.	E.C.C.	E.C.T.	Svin.testa	Vin.piede
cm	cm	cm	cm	cm	cm	cm	cm				codice	codice
24,0	1200,0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	1.00	0	0; 0; 0

Palo	Coord. X	Coord. Y
n.	cm	cm
1	0.00	0.00

Elemento: 98 - Palo singolo - Tipologia pali: micropali

X elem.	Y elem.	Prof.	Base	Lungh.	Altez.	Rot.	Grup.ap.	Ind.strat.	Tip.iniez.	Tip.ter.
cm	cm	cm	cm	cm	cm	Gradi°	n.	n.		
-800.0	320.0	0.0	0.0	0.0	150.0	0.00	98	001	No iniez.	Coes.

Dia. P.	Lun. P.	Lun. L.	Dist.P.	In. Px	In. Py	Dia. B.	Lun. B.	E.C.V.	E.C.C.	E.C.T.	Svin.testa	Vin.piede
cm	cm	cm	cm	cm	cm	cm	cm				codice	codice
24,0	1200,0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	1.00	0	0; 0; 0

Palo	Coord. X	Coord. Y
n.	cm	cm
1	0.00	0.00

Elemento: 99 - Palo singolo - Tipologia pali: micropali

X elem.	Y elem.	Prof.	Base	Lungh.	Altez.	Rot.	Grup.ap.	Ind.strat.	Tip.iniez.	Tip.ter.
cm	cm	cm	cm	cm	cm	Gradi°	n.	n.		
550.0	320.0	0.0	0.0	0.0	150.0	0.00	99	001	No iniez.	Coes.

Dia. P.	Lun. P.	Lun. L.	Dist.P.	In. Px	In. Py	Dia. B.	Lun. B.	E.C.V.	E.C.C.	E.C.T.	Svin.testa	Vin.piede
cm	cm	cm	cm	cm	cm	cm	cm				codice	codice
24,0	1200,0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	1.00	0	0; 0; 0

Palo	Coord. X	Coord. Y
n.	cm	cm
1	0.00	0.00

Elemento: 100 - Palo singolo - Tipologia pali: micropali

X elem.	Y elem.	Prof.	Base	Lungh.	Altez.	Rot.	Grup.ap.	Ind.strat.	Tip.iniez.	Tip.ter.
cm	cm	cm	cm	cm	cm	Gradi°	n.	n.		
-500.0	320.0	0.0	0.0	0.0	150.0	0.00	100	001	No iniez.	Coes.

Dia. P.	Lun. P.	Lun. L.	Dist.P.	In. Px	In. Py	Dia. B.	Lun. B.	E.C.V.	E.C.C.	E.C.T.	Svin.testa	Vin.piede

cm	cm	cm	cm	cm	cm	cm	cm				codice	codice
24,0	1200,0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	1.00	0	0; 0; 0

Palo	Coord. X	Coord. Y
n.	cm	cm
1	0.00	0.00

Elemento: 101 - Palo singolo - Tipologia pali: micropali

X elem.	Y elem.	Prof.	Base	Lungh.	Altez.	Rot.	Grup.ap.	Ind.strat.	Tip.iniez.	Tip.ter.
cm	cm	cm	cm	cm	cm	Gradi°	n.	n.		
-350.0	320.0	0.0	0.0	0.0	150.0	0.00	101	001	No iniez.	Coes.

Dia. P.	Lun. P.	Lun. L.	Dist.P.	In. Px	In. Py	Dia. B.	Lun. B.	E.C.V.	E.C.C.	E.C.T.	Svin.testa	Vin.piede
cm	cm	cm	cm	cm	cm	cm	cm				codice	codice
24,0	1200,0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	1.00	0	0; 0; 0

Palo	Coord. X	Coord. Y
n.	cm	cm
1	0.00	0.00

Elemento: 102 - Palo singolo - Tipologia pali: micropali

X elem.	Y elem.	Prof.	Base	Lungh.	Altez.	Rot.	Grup.ap.	Ind.strat.	Tip.iniez.	Tip.ter.
cm	cm	cm	cm	cm	cm	Gradi°	n.	n.		
1000.0	320.0	0.0	0.0	0.0	150.0	0.00	102	001	No iniez.	Coes.

Dia. P.	Lun. P.	Lun. L.	Dist.P.	In. Px	In. Py	Dia. B.	Lun. B.	E.C.V.	E.C.C.	E.C.T.	Svin.testa	Vin.piede
cm	cm	cm	cm	cm	cm	cm	cm				codice	codice
24,0	1200,0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	1.00	0	0; 0; 0

Palo	Coord. X	Coord. Y
n.	cm	cm
1	0.00	0.00

Elemento: 103 - Palo singolo - Tipologia pali: micropali

X elem.	Y elem.	Prof.	Base	Lungh.	Altez.	Rot.	Grup.ap.	Ind.strat.	Tip.iniez.	Tip.ter.
cm	cm	cm	cm	cm	cm	Gradi°	n.	n.		
-50.0	320.0	0.0	0.0	0.0	150.0	0.00	103	001	No iniez.	Coes.

Dia. P.	Lun. P.	Lun. L.	Dist.P.	In. Px	In. Py	Dia. B.	Lun. B.	E.C.V.	E.C.C.	E.C.T.	Svin.testa	Vin.piede
cm	cm	cm	cm	cm	cm	cm	cm				codice	codice
24,0	1200,0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	1.00	0	0; 0; 0

Palo	Coord. X	Coord. Y
n.	cm	cm
1	0.00	0.00

Elemento: 104 - Palo singolo - Tipologia pali: micropali

X elem.	Y elem.	Prof.	Base	Lungh.	Altez.	Rot.	Grup.ap.	Ind.strat.	Tip.iniez.	Tip.ter.
cm	cm	cm	cm	cm	cm	Gradi°	n.	n.		
100.0	320.0	0.0	0.0	0.0	150.0	0.00	104	001	No iniez.	Coes.

Dia. P.	Lun. P.	Lun. L.	Dist.P.	In. Px	In. Py	Dia. B.	Lun. B.	E.C.V.	E.C.C.	E.C.T.	Svin.testa	Vin.piede
cm	cm	cm	cm	cm	cm	cm	cm				codice	codice
24,0	1200,0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	1.00	0	0; 0; 0

Palo	Coord. X	Coord. Y
n.	cm	cm
1	0.00	0.00

Elemento: 105 - Palo singolo - Tipologia pali: micropali

X elem.	Y elem.	Prof.	Base	Lungh.	Altez.	Rot.	Grup.ap.	Ind.strat.	Tip.iniez.	Tip.ter.
cm	cm	cm	cm	cm	cm	Gradi°	n.	n.		
480.0	0.0	0.0	0.0	0.0	0.0	0.00	105	001	No iniez.	Coes.

Dia. P.	Lun. P.	Lun. L.	Dist.P.	In. Px	In. Py	Dia. B.	Lun. B.	E.C.V.	E.C.C.	E.C.T.	Svin.testa	Vin.piede
cm	cm	cm	cm	cm	cm	cm	cm				codice	codice
24,0	1200,0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	1.00	0	0; 0; 0

Palo	Coord. X	Coord. Y
n.	cm	cm
1	0.00	0.00

Elemento: 107 - Palo singolo - Tipologia pali: micropali

X elem.	Y elem.	Prof.	Base	Lungh.	Altez.	Rot.	Grup.ap.	Ind.strat.	Tip.iniez.	Tip.ter.
cm	cm	cm	cm	cm	cm	Gradi°	n.	n.		
-2000.0	505.0	0.0	0.0	0.0	150.0	0.00	3	001	No iniez.	Coes.

Dia. P.	Lun. P.	Lun. L.	Dist.P.	In. Px	In. Py	Dia. B.	Lun. B.	E.C.V.	E.C.C.	E.C.T.	Svin.testa	Vin.piede
cm	cm	cm	cm	cm	cm	cm	cm				codice	codice
24,0	1200,0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	1.00	0	0; 0; 0

Palo	Coord. X	Coord. Y
n.	cm	cm
1	0.00	0.00

Elemento: 108 - Palo singolo - Tipologia pali: micropali

X elem.	Y elem.	Prof.	Base	Lungh.	Altez.	Rot.	Grup.ap.	Ind.strat.	Tip.iniez.	Tip.ter.
cm	cm	cm	cm	cm	cm	Gradi°	n.	n.		
-1100.0	505.0	0.0	0.0	0.0	150.0	0.00	68	001	No iniez.	Coes.

Dia. P.	Lun. P.	Lun. L.	Dist.P.	In. Px	In. Py	Dia. B.	Lun. B.	E.C.V.	E.C.C.	E.C.T.	Svin.testa	Vin.piede
cm	cm	cm	cm	cm	cm	cm	cm				codice	codice
24,0	1200,0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	1.00	0	0; 0; 0

Palo	Coord. X	Coord. Y
n.	cm	cm
1	0.00	0.00

Elemento: 109 - Palo singolo - Tipologia pali: micropali

X elem.	Y elem.	Prof.	Base	Lungh.	Altez.	Rot.	Grup.ap.	Ind.strat.	Tip.iniez.	Tip.ter.
cm	cm	cm	cm	cm	cm	Gradi°	n.	n.		
1000.0	505.0	0.0	0.0	0.0	150.0	0.00	102	001	No iniez.	Coes.

Dia. P.	Lun. P.	Lun. L.	Dist.P.	In. Px	In. Py	Dia. B.	Lun. B.	E.C.V.	E.C.C.	E.C.T.	Svin.testa	Vin.piede
cm	cm	cm	cm	cm	cm	cm	cm				codice	codice
24,0	1200,0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	1.00	0	0; 0; 0

Palo	Coord. X	Coord. Y
n.	cm	cm
1	0.00	0.00

Elemento: 110 - Palo singolo - Tipologia pali: micropali

X elem.	Y elem.	Prof.	Base	Lungh.	Altez.	Rot.	Grup.ap.	Ind.strat.	Tip.iniez.	Tip.ter.
cm	cm	cm	cm	cm	cm	Gradi°	n.	n.		
-50.0	505.0	0.0	0.0	0.0	150.0	0.00	103	001	No iniez.	Coes.

Dia. P.	Lun. P.	Lun. L.	Dist.P.	In. Px	In. Py	Dia. B.	Lun. B.	E.C.V.	E.C.C.	E.C.T.	Svin.testa	Vin.piede
cm	cm	cm	cm	cm	cm	cm	cm				codice	codice
24,0	1200,0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.00	1.00	0	0; 0; 0

Palo	Coord. X	Coord. Y
n.	cm	cm
1	0.00	0.00

VALORI DI CALCOLO DELLA PORTANZA VERTICALE PER FONDAZIONI PROFONDE

Elemento: 1 - Palo singolo

Nq = 1.000, Spunta = 1.200, f = 0.0, Nc = 9.504, c punta = 0.500

Port. lat. = 20951.0 daN, Port. punta = 2692.6 daN, P.P.Palo = 1357.2 daN

Cmb.	Palo	coord.X	coord.Y	N	N lim	Ver.N	Stato
Num. e tipo	n.	cm	cm	daN	daN	Ok < 1	
014 SLU STR	1	0.000	0.000	-588.4	-10532.7	0.056	Ok

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
014 SLU STR	-588.4	14.1	-455.5	-4082.4	-1072.3	93.8

Elemento: 2 - Palo singolo

Nq = 1.000, Spunta = 1.200, f = 0.0, Nc = 9.504, c punta = 0.500

Port. lat. = 20951.0 daN, Port. punta = 2692.6 daN, P.P.Palo = 1357.2 daN

Cmb.	Palo	coord.X	coord.Y	N	N lim	Ver.N	Stato
Num. e tipo	n.	cm	cm	daN	daN	Ok < 1	

008 SLU STR	1	0.000	0.000	-527.6	-10532.7	0.050	Ok

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
008 SLU STR	-527.6	12.2	-83.7	130.2	-368.7	270.2

Elemento: 3 - Palo singolo

Nq = 1.000, Spunta = 1.200, f = 0.0, Nc = 9.504, c punta = 0.500

Port. lat. = 20951.0 daN, Port. punta = 2692.6 daN, P.P.Palo = 1357.2 daN

Cmb.	Palo	coord.X	coord.Y	N	N lim	Ver.N	Stato
Num. e tipo	n.	cm	cm	daN	daN	Ok < 1	
009 SLU STR	1	0.000	0.000	-7760.1	-10532.7	0.737	Ok

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
009 SLU STR	-7760.1	21.2	-1060.7	-58910.0	-2101.0	-142.2

Elemento: 5 - Palo singolo

Nq = 1.000, Spunta = 1.000, f = 0.0, Nc = 9.504, c punta = 0.500

Port. lat. = 17181.1 daN, Port. punta = 2602.1 daN, P.P.Palo = 1131.0 daN

Cmb.	Palo	coord.X	coord.Y	N	N lim	Ver.N	Stato
Num. e tipo	n.	cm	cm	daN	daN	Ok < 1	
004 SLU STR	1	0.000	0.000	-1470.7	-8791.1	0.167	Ok

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
004 SLU STR	-1470.7	44.5	-596.7	-31410.0	-4834.4	84.3

Elemento: 6 - Palo singolo

Nq = 1.000, Spunta = 1.200, f = 0.0, Nc = 9.504, c punta = 0.500

Port. lat. = 20951.0 daN, Port. punta = 2692.6 daN, P.P.Palo = 1357.2 daN

Cmb.	Palo	coord.X	coord.Y	N	N lim	Ver.N	Stato
Num. e tipo	n.	cm	cm	daN	daN	Ok < 1	
004 SLU STR	1	0.000	0.000	-1953.8	-10532.7	0.186	Ok

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
004 SLU STR	-1953.8	7.6	-558.2	-28510.0	-616.2	15.5

Elemento: 11 - Palo singolo

Nq = 1.000, Spunta = 1.200, f = 0.0, Nc = 9.504, c punta = 0.500

Port. lat. = 20951.0 daN, Port. punta = 2692.6 daN, P.P.Palo = 1357.2 daN

Cmb.	Palo	coord.X	coord.Y	N	N lim	Ver.N	Stato
Num. e tipo	n.	cm	cm	daN	daN	Ok < 1	
004 SLU STR	1	0.000	0.000	-750.8	-10532.7	0.071	Ok

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
004 SLU STR	-750.8	1.3	-184.2	10710.0	153.6	-27.6

Elemento: 16 - Palo singolo

Nq = 1.000, Spunta = 1.000, f = 0.0, Nc = 9.504, c punta = 0.500

Port. lat. = 17181.1 daN, Port. punta = 2602.1 daN, P.P.Palo = 1131.0 daN

Cmb.	Palo	coord.X	coord.Y	N	N lim	Ver.N	Stato
Num. e tipo	n.	cm	cm	daN	daN	Ok < 1	
003 SLU STR	1	0.000	0.000	-1930.0	-8791.1	0.220	Ok

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
003 SLU STR	-1930.0	-6.2	-6.4	-455.8	685.9	-0.9

Elemento: 20 - Palo singolo

Nq = 1.000, Spunta = 1.200, f = 0.0, Nc = 9.504, c punta = 0.500

Port. lat. = 20951.0 daN, Port. punta = 2692.6 daN, P.P.Palo = 1357.2 daN

Cmb.	Palo	coord.X	coord.Y	N	N lim	Ver.N	Stato
Num. e tipo	n.	cm	cm	daN	daN	Ok < 1	
004 SLU STR	1	0.000	0.000	-1425.0	-10532.7	0.135	Ok

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
004 SLU STR	-1425.0	8.2	-95.6	20400.0	-504.7	-44.8

Elemento: 25 - Palo singolo

Nq = 1.000, Spunta = 1.200, f = 0.0, Nc = 9.504, c punta = 0.500

Port. lat. = 20951.0 daN, Port. punta = 2692.6 daN, P.P.Palo = 1357.2 daN

Cmb.	Palo	coord.X	coord.Y	N	N lim	Ver.N	Stato
Num. e tipo	n.	cm	cm	daN	daN	Ok < 1	
004 SLU STR	1	0.000	0.000	-2655.5	-10532.7	0.252	Ok

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
004 SLU STR	-2655.5	1.9	-559.2	-28520.0	-86.7	-1.9

Elemento: 27 - Palo singolo

Nq = 1.000, Spunta = 1.000, f = 0.0, Nc = 9.504, c punta = 0.500

Port. lat. = 17181.1 daN, Port. punta = 2602.1 daN, P.P.Palo = 1131.0 daN

Cmb.	Palo	coord.X	coord.Y	N	N lim	Ver.N	Stato
Num. e tipo	n.	cm	cm	daN	daN	Ok < 1	
004 SLU STR	1	0.000	0.000	-1414.4	-8791.1	0.161	Ok

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
004 SLU STR	-1414.4	-35.3	-179.1	-9761.4	4381.9	112.5

Elemento: 28 - Palo singolo

Nq = 1.000, Spunta = 1.200, f = 0.0, Nc = 9.504, c punta = 0.500

Port. lat. = 20951.0 daN, Port. punta = 2692.6 daN, P.P.Palo = 1357.2 daN

Cmb.	Palo	coord.X	coord.Y	N	N lim	Ver.N	Stato
Num. e tipo	n.	cm	cm	daN	daN	Ok < 1	
004 SLU STR	1	0.000	0.000	-686.0	-10532.7	0.065	Ok

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
004 SLU STR	-686.0	18.7	-40.2	11260.0	-1062.3	344.2

Elemento: 31 - Palo singolo

Nq = 1.000, Spunta = 1.200, f = 0.0, Nc = 9.504, c punta = 0.500

Port. lat. = 20951.0 daN, Port. punta = 2692.6 daN, P.P.Palo = 1357.2 daN

Cmb.	Palo	coord.X	coord.Y	N	N lim	Ver.N	Stato
Num. e tipo	n.	cm	cm	daN	daN	Ok < 1	
004 SLU STR	1	0.000	0.000	-4305.1	-10532.7	0.409	Ok

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
004 SLU STR	-4305.1	1.4	-283.3	-7658.0	26.6	271.7

Elemento: 32 - Palo singolo

Nq = 1.000, Spunta = 1.200, f = 0.0, Nc = 9.504, c punta = 0.500

Port. lat. = 20951.0 daN, Port. punta = 2692.6 daN, P.P.Palo = 1357.2 daN

Cmb.	Palo	coord.X	coord.Y	N	N lim	Ver.N	Stato
Num. e tipo	n.	cm	cm	daN	daN	Ok < 1	

004 SLU STR	1	0.000	0.000	-771.3	-10532.7	0.073	Ok

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
004 SLU STR	-771.3	9.8	-48.8	25320.0	-565.7	-0.2

Elemento: 39 - Palo singolo

Nq = 1.000, Spunta = 1.200, f = 0.0, Nc = 9.504, c punta = 0.500

Port. lat. = 20951.0 daN, Port. punta = 2692.6 daN, P.P.Palo = 1357.2 daN

Cmb.	Palo	coord.X	coord.Y	N	N lim	Ver.N	Stato
Num. e tipo	n.	cm	cm	daN	daN	Ok < 1	
004 SLU STR	1	0.000	0.000	-1953.5	-10532.7	0.185	Ok

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
004 SLU STR	-1953.5	10.7	-404.1	-20660.0	-731.8	161.5

Elemento: 43 - Palo singolo

Nq = 1.000, Spunta = 1.000, f = 0.0, Nc = 9.504, c punta = 0.500

Port. lat. = 17181.1 daN, Port. punta = 2602.1 daN, P.P.Palo = 1131.0 daN

Cmb.	Palo	coord.X	coord.Y	N	N lim	Ver.N	Stato
Num. e tipo	n.	cm	cm	daN	daN	Ok < 1	
004 SLU STR	1	0.000	0.000	-1955.9	-8791.1	0.222	Ok

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
004 SLU STR	-1955.9	2.0	-552.8	-28590.0	52.9	72.4

Elemento: 50 - Palo singolo

Nq = 1.000, Spunta = 1.200, f = 0.0, Nc = 9.504, c punta = 0.500

Port. lat. = 20951.0 daN, Port. punta = 2692.6 daN, P.P.Palo = 1357.2 daN

Cmb.	Palo	coord.X	coord.Y	N	N lim	Ver.N	Stato
Num. e tipo	n.	cm	cm	daN	daN	Ok < 1	
004 SLU STR	1	0.000	0.000	-1434.0	-10532.7	0.136	Ok

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
004 SLU STR	-1434.0	13.5	-14.6	25210.0	-699.4	191.6

Elemento: 52 - Palo singolo

Nq = 1.000, Spunta = 1.000, f = 0.0, Nc = 9.504, c punta = 0.500

Port. lat. = 17181.1 daN, Port. punta = 2602.1 daN, P.P.Palo = 1131.0 daN

Cmb.	Palo	coord.X	coord.Y	N	N lim	Ver.N	Stato
Num. e tipo	n.	cm	cm	daN	daN	Ok < 1	
004 SLU STR	1	0.000	0.000	-2650.0	-8791.1	0.301	Ok

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
004 SLU STR	-2650.0	5.9	-498.8	-25680.0	-291.8	143.8

Elemento: 54 - Palo singolo

Nq = 1.000, Spunta = 1.000, f = 0.0, Nc = 9.504, c punta = 0.500

Port. lat. = 17181.1 daN, Port. punta = 2602.1 daN, P.P.Palo = 1131.0 daN

Cmb.	Palo	coord.X	coord.Y	N	N lim	Ver.N	Stato
Num. e tipo	n.	cm	cm	daN	daN	Ok < 1	
003 SLU STR	1	0.000	0.000	-1901.9	-8791.1	0.216	Ok

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
003 SLU STR	-1901.9	2.6	-5.0	-334.3	-301.9	1.3

Elemento: 56 - Palo singolo

Nq = 1.000, Spunta = 1.200, f = 0.0, Nc = 9.504, c punta = 0.500

Port. lat. = 20951.0 daN, Port. punta = 2692.6 daN, P.P.Palo = 1357.2 daN

Cmb.	Palo	coord.X	coord.Y	N	N lim	Ver.N	Stato
Num. e tipo	n.	cm	cm	daN	daN	Ok < 1	
004 SLU STR	1	0.000	0.000	-738.1	-10532.7	0.070	Ok

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
004 SLU STR	-738.1	19.3	-16.1	20350.0	-1205.7	297.7

Elemento: 66 - Palo singolo

Nq = 1.000, Spunta = 1.200, f = 0.0, Nc = 9.504, c punta = 0.500

Port. lat. = 20951.0 daN, Port. punta = 2692.6 daN, P.P.Palo = 1357.2 daN

Cmb.	Palo	coord.X	coord.Y	N	N lim	Ver.N	Stato
Num. e tipo	n.	cm	cm	daN	daN	Ok < 1	
011 SLU STR	1	0.000	0.000	-4044.2	-10532.7	0.384	Ok

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
011 SLU STR	-4044.2	1.3	-1013.6	-45240.0	12.3	0.3

Elemento: 68 - Palo singolo

Nq = 1.000, Spunta = 1.200, f = 0.0, Nc = 9.504, c punta = 0.500

Port. lat. = 20951.0 daN, Port. punta = 2692.6 daN, P.P.Palo = 1357.2 daN

Cmb.	Palo	coord.X	coord.Y	N	N lim	Ver.N	Stato
Num. e tipo	n.	cm	cm	daN	daN	Ok < 1	
009 SLU STR	1	0.000	0.000	-6656.0	-10532.7	0.632	Ok

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
009 SLU STR	-6656.0	3.2	-1125.9	-61450.0	-172.6	-20.6

Elemento: 70 - Palo singolo

Nq = 1.000, Spunta = 1.200, f = 0.0, Nc = 9.504, c punta = 0.500

Port. lat. = 20951.0 daN, Port. punta = 2692.6 daN, P.P.Palo = 1357.2 daN

Cmb.	Palo	coord.X	coord.Y	N	N lim	Ver.N	Stato
Num. e tipo	n.	cm	cm	daN	daN	Ok < 1	
009 SLU STR	1	0.000	0.000	-4111.9	-10532.7	0.390	Ok

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
009 SLU STR	-4111.9	7.3	-990.1	-39860.0	-583.5	-18.0

Elemento: 72 - Palo singolo

Nq = 1.000, Spunta = 1.200, f = 0.0, Nc = 9.504, c punta = 0.500

Port. lat. = 20951.0 daN, Port. punta = 2692.6 daN, P.P.Palo = 1357.2 daN

Cmb.	Palo	coord.X	coord.Y	N	N lim	Ver.N	Stato
Num. e tipo	n.	cm	cm	daN	daN	Ok < 1	
011 SLU STR	1	0.000	0.000	-6036.8	-10532.7	0.573	Ok

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
011 SLU STR	-6036.8	-5.3	-872.9	-39300.0	766.0	256.4

Elemento: 74 - Palo singolo

Nq = 1.000, Spunta = 1.200, f = 0.0, Nc = 9.504, c punta = 0.500

Port. lat. = 20951.0 daN, Port. punta = 2692.6 daN, P.P.Palo = 1357.2 daN

Cmb.	Palo	coord.X	coord.Y	N	N lim	Ver.N	Stato
Num. e tipo	n.	cm	cm	daN	daN	Ok < 1	

011 SLU STR	1	0.000	0.000	-5114.5	-10532.7	0.486	Ok

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
011 SLU STR	-5114.5	13.7	-624.6	-21860.0	-1210.7	-5.3

Elemento: 91 - Palo singolo

Nq = 1.000, Spunta = 1.200, f = 0.0, Nc = 9.504, c punta = 0.500

Port. lat. = 20951.0 daN, Port. punta = 2692.6 daN, P.P.Palo = 1357.2 daN

Cmb.	Palo	coord.X	coord.Y	N	N lim	Ver.N	Stato
Num. e tipo	n.	cm	cm	daN	daN	Ok < 1	
011 SLU STR	1	0.000	0.000	-5653.9	-10532.7	0.537	Ok

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
011 SLU STR	-5653.9	18.0	-1030.4	-51690.0	-1762.9	-157.3

Elemento: 92 - Palo singolo

Nq = 1.000, Spunta = 1.200, f = 0.0, Nc = 9.504, c punta = 0.500

Port. lat. = 20951.0 daN, Port. punta = 2692.6 daN, P.P.Palo = 1357.2 daN

Cmb.	Palo	coord.X	coord.Y	N	N lim	Ver.N	Stato
Num. e tipo	n.	cm	cm	daN	daN	Ok < 1	
011 SLU STR	1	0.000	0.000	-4319.3	-10532.7	0.410	Ok

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
011 SLU STR	-4319.3	9.8	-1024.7	-47730.0	-892.8	-86.1

Elemento: 93 - Palo singolo

Nq = 1.000, Spunta = 1.200, f = 0.0, Nc = 9.504, c punta = 0.500

Port. lat. = 20951.0 daN, Port. punta = 2692.6 daN, P.P.Palo = 1357.2 daN

Cmb.	Palo	coord.X	coord.Y	N	N lim	Ver.N	Stato
Num. e tipo	n.	cm	cm	daN	daN	Ok < 1	
011 SLU STR	1	0.000	0.000	-4849.9	-10532.7	0.460	Ok

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
011 SLU STR	-4849.9	-2.8	-293.0	-9316.2	550.8	454.8

Elemento: 94 - Palo singolo

Nq = 1.000, Spunta = 1.200, f = 0.0, Nc = 9.504, c punta = 0.500

Port. lat. = 20951.0 daN, Port. punta = 2692.6 daN, P.P.Palo = 1357.2 daN

Cmb.	Palo	coord.X	coord.Y	N	N lim	Ver.N	Stato
Num. e tipo	n.	cm	cm	daN	daN	Ok < 1	
011 SLU STR	1	0.000	0.000	-4709.9	-10532.7	0.447	Ok

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
011 SLU STR	-4709.9	-5.1	-1018.2	-46900.0	690.7	68.3

Elemento: 95 - Palo singolo

Nq = 1.000, Spunta = 1.200, f = 0.0, Nc = 9.504, c punta = 0.500

Port. lat. = 20951.0 daN, Port. punta = 2692.6 daN, P.P.Palo = 1357.2 daN

Cmb.	Palo	coord.X	coord.Y	N	N lim	Ver.N	Stato
Num. e tipo	n.	cm	cm	daN	daN	Ok < 1	
011 SLU STR	1	0.000	0.000	-5891.3	-10532.7	0.559	Ok

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
011 SLU STR	-5891.3	-6.3	-1038.6	-51280.0	823.3	84.3

Elemento: 96 - Palo singolo

Nq = 1.000, Spunta = 1.200, f = 0.0, Nc = 9.504, c punta = 0.500
Port. lat. = 20951.0 daN, Port. punta = 2692.6 daN, P.P.Palo = 1357.2 daN

Cmb.	Palo	coord.X	coord.Y	N	N lim	Ver.N	Stato
Num. e tipo	n.	cm	cm	daN	daN	Ok < 1	
004 SLU STR	1	0.000	0.000	-4439.2	-10532.7	0.421	Ok

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
004 SLU STR	-4439.2	7.3	-409.6	-12660.0	-594.0	34.0

Elemento: 97 - Palo singolo

Nq = 1.000, Spunta = 1.200, f = 0.0, Nc = 9.504, c punta = 0.500
Port. lat. = 20951.0 daN, Port. punta = 2692.6 daN, P.P.Palo = 1357.2 daN

Cmb.	Palo	coord.X	coord.Y	N	N lim	Ver.N	Stato
Num. e tipo	n.	cm	cm	daN	daN	Ok < 1	
009 SLU STR	1	0.000	0.000	-5979.5	-10532.7	0.568	Ok

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
009 SLU STR	-5979.5	12.9	-1034.5	-49730.0	-1191.3	-126.3

Elemento: 98 - Palo singolo

Nq = 1.000, Spunta = 1.200, f = 0.0, Nc = 9.504, c punta = 0.500
Port. lat. = 20951.0 daN, Port. punta = 2692.6 daN, P.P.Palo = 1357.2 daN

Cmb.	Palo	coord.X	coord.Y	N	N lim	Ver.N	Stato
Num. e tipo	n.	cm	cm	daN	daN	Ok < 1	
009 SLU STR	1	0.000	0.000	-4843.3	-10532.7	0.460	Ok

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
009 SLU STR	-4843.3	12.3	-1008.1	-43670.0	-1121.0	-103.5

Elemento: 99 - Palo singolo

Nq = 1.000, Spunta = 1.200, f = 0.0, Nc = 9.504, c punta = 0.500
Port. lat. = 20951.0 daN, Port. punta = 2692.6 daN, P.P.Palo = 1357.2 daN

Cmb.	Palo	coord.X	coord.Y	N	N lim	Ver.N	Stato
Num. e tipo	n.	cm	cm	daN	daN	Ok < 1	
003 SLU STR	1	0.000	0.000	-4252.7	-10532.7	0.404	Ok

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
003 SLU STR	-4252.7	0.6	13.8	1662.5	-61.8	0.2

Elemento: 100 - Palo singolo

Nq = 1.000, Spunta = 1.200, f = 0.0, Nc = 9.504, c punta = 0.500
Port. lat. = 20951.0 daN, Port. punta = 2692.6 daN, P.P.Palo = 1357.2 daN

Cmb.	Palo	coord.X	coord.Y	N	N lim	Ver.N	Stato
Num. e tipo	n.	cm	cm	daN	daN	Ok < 1	
009 SLU STR	1	0.000	0.000	-4101.1	-10532.7	0.389	Ok

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
009 SLU STR	-4101.1	1.2	-973.1	-39300.0	72.1	99.3

Elemento: 101 - Palo singolo

Nq = 1.000, Spunta = 1.200, f = 0.0, Nc = 9.504, c punta = 0.500
Port. lat. = 20951.0 daN, Port. punta = 2692.6 daN, P.P.Palo = 1357.2 daN

Cmb.	Palo	coord.X	coord.Y	N	N lim	Ver.N	Stato
Num. e tipo	n.	cm	cm	daN	daN	Ok < 1	

011 SLU STR	1	0.000	0.000	-4843.4	-10532.7	0.460	Ok

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
011 SLU STR	-4843.4	-4.3	-926.4	-38620.0	653.6	215.4

Elemento: 102 - Palo singolo

Nq = 1.000, Spunta = 1.200, f = 0.0, Nc = 9.504, c punta = 0.500

Port. lat. = 20951.0 daN, Port. punta = 2692.6 daN, P.P.Palo = 1357.2 daN

Cmb.	Palo	coord.X	coord.Y	N	N lim	Ver.N	Stato
Num. e tipo	n.	cm	cm	daN	daN	Ok < 1	
011 SLU STR	1	0.000	0.000	-6026.8	-10532.7	0.572	Ok

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
011 SLU STR	-6026.8	-4.1	-152.1	-6294.2	706.7	421.7

Elemento: 103 - Palo singolo

Nq = 1.000, Spunta = 1.200, f = 0.0, Nc = 9.504, c punta = 0.500

Port. lat. = 20951.0 daN, Port. punta = 2692.6 daN, P.P.Palo = 1357.2 daN

Cmb.	Palo	coord.X	coord.Y	N	N lim	Ver.N	Stato
Num. e tipo	n.	cm	cm	daN	daN	Ok < 1	
011 SLU STR	1	0.000	0.000	-6823.7	-10532.7	0.648	Ok

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
011 SLU STR	-6823.7	4.0	-893.0	-47550.0	-206.6	162.3

Elemento: 104 - Palo singolo

Nq = 1.000, Spunta = 1.200, f = 0.0, Nc = 9.504, c punta = 0.500

Port. lat. = 20951.0 daN, Port. punta = 2692.6 daN, P.P.Palo = 1357.2 daN

Cmb.	Palo	coord.X	coord.Y	N	N lim	Ver.N	Stato
Num. e tipo	n.	cm	cm	daN	daN	Ok < 1	
011 SLU STR	1	0.000	0.000	-6212.1	-10532.7	0.590	Ok

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
011 SLU STR	-6212.1	13.5	-713.7	-31180.0	-1198.1	41.7

Elemento: 105 - Palo singolo

Nq = 1.000, Spunta = 1.200, f = 0.0, Nc = 9.504, c punta = 0.500

Port. lat. = 20951.0 daN, Port. punta = 2692.6 daN, P.P.Palo = 1357.2 daN

Cmb.	Palo	coord.X	coord.Y	N	N lim	Ver.N	Stato
Num. e tipo	n.	cm	cm	daN	daN	Ok < 1	
004 SLU STR	1	0.000	0.000	-769.1	-10532.7	0.073	Ok

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
004 SLU STR	-769.1	9.9	-26.3	26720.0	-455.5	83.4

Elemento: 107 - Palo singolo

Nq = 1.000, Spunta = 1.200, f = 0.0, Nc = 9.504, c punta = 0.500

Port. lat. = 20951.0 daN, Port. punta = 2692.6 daN, P.P.Palo = 1357.2 daN

Cmb.	Palo	coord.X	coord.Y	N	N lim	Ver.N	Stato
Num. e tipo	n.	cm	cm	daN	daN	Ok < 1	
014 SLU STR	1	0.000	0.000	5632.1	11216.5	0.502	Ok

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
014 SLU STR	5632.1	114.1	-1072.8	-60300.0	-7582.0	-125.8

Elemento: 108 - Palo singolo

Nq = 1.000, Spunta = 1.200, f = 0.0, Nc = 9.504, c punta = 0.500

Port. lat. = 20951.0 daN, Port. punta = 2692.6 daN, P.P.Palo = 1357.2 daN

Cmb.	Palo	coord.X	coord.Y	N	N lim	Ver.N	Stato
Num. e tipo	n.	cm	cm	daN	daN	Ok < 1	
014 SLU STR	1	0.000	0.000	10230.0	11216.5	0.912	Ok

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
014 SLU STR	10230.0	16.7	-1147.8	-63880.0	-970.0	-18.1

Elemento: 109 - Palo singolo

Nq = 1.000, Spunta = 1.200, f = 0.0, Nc = 9.504, c punta = 0.500

Port. lat. = 20951.0 daN, Port. punta = 2692.6 daN, P.P.Palo = 1357.2 daN

Cmb.	Palo	coord.X	coord.Y	N	N lim	Ver.N	Stato
Num. e tipo	n.	cm	cm	daN	daN	Ok < 1	
014 SLU STR	1	0.000	0.000	2741.1	11216.5	0.244	Ok

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
014 SLU STR	2741.1	-283.8	-161.2	-7276.5	17250.0	379.5

Elemento: 110 - Palo singolo

Nq = 1.000, Spunta = 1.200, f = 0.0, Nc = 9.504, c punta = 0.500

Port. lat. = 20951.0 daN, Port. punta = 2692.6 daN, P.P.Palo = 1357.2 daN

Cmb.	Palo	coord.X	coord.Y	N	N lim	Ver.N	Stato
Num. e tipo	n.	cm	cm	daN	daN	Ok < 1	
014 SLU STR	1	0.000	0.000	10090.0	11216.5	0.900	Ok

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
014 SLU STR	10090.0	-103.4	-916.0	-50050.0	6146.0	146.1

VALORI DI CALCOLO DEI CEDIMENTI PER FONDAZIONI PROFONDE

Elemento: 1 - Palo singolo

Cmb	Palo	coord.X	coord.Y	N	Ced.Vert
Num. e tipo	n.	cm	cm	daN	cm
021 SLE rare	1	0.000	0.000	-389.7	0.021

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
021 SLE rare	-389.7	8.6	-304.1	-2772.5	-648.5	61.9

Elemento: 2 - Palo singolo

Cmb	Palo	coord.X	coord.Y	N	Ced.Vert
Num. e tipo	n.	cm	cm	daN	cm
018 SLE rare	1	0.000	0.000	-351.9	0.019

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
018 SLE rare	-351.9	8.9	-56.1	41.3	-318.5	180.8

Elemento: 3 - Palo singolo

Cmb	Palo	coord.X	coord.Y	N	Ced.Vert
Num. e tipo	n.	cm	cm	daN	cm
019 SLE rare	1	0.000	0.000	-5520.1	0.291

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
019 SLE rare	-5520.1	14.1	-706.8	-39220.0	-1397.9	-94.8

Elemento: 5 - Palo singolo

Cmb	Palo	coord.X	coord.Y	N	Ced.Vert
Num. e tipo	n.	cm	cm	daN	cm
018 SLE rare	1	0.000	0.000	-1025.2	0.046

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
018 SLE rare	-1025.2	29.6	-399.0	-21070.0	-3218.9	56.2

Elemento: 6 - Palo singolo

Cmb	Palo	coord.X	coord.Y	N	Ced.Vert
Num. e tipo	n.	cm	cm	daN	cm
018 SLE rare	1	0.000	0.000	-1324.8	0.070

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
018 SLE rare	-1324.8	5.0	-373.0	-19110.0	-411.3	10.4

Elemento: 11 - Palo singolo

Cmb	Palo	coord.X	coord.Y	N	Ced.Vert
Num. e tipo	n.	cm	cm	daN	cm
018 SLE rare	1	0.000	0.000	-511.3	0.027

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
018 SLE rare	-511.3	0.7	-122.9	7137.5	114.3	-18.4

Elemento: 16 - Palo singolo

Cmb	Palo	coord.X	coord.Y	N	Ced.Vert
Num. e tipo	n.	cm	cm	daN	cm
017 SLE rare	1	0.000	0.000	-1309.8	0.059

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
017 SLE rare	-1309.8	-4.0	-5.4	-424.4	446.6	-0.6

Elemento: 20 - Palo singolo

Cmb	Palo	coord.X	coord.Y	N	Ced.Vert
Num. e tipo	n.	cm	cm	daN	cm
018 SLE rare	1	0.000	0.000	-961.7	0.051

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
018 SLE rare	-961.7	5.3	-63.7	13600.0	-324.9	-29.7

Elemento: 25 - Palo singolo

Cmb	Palo	coord.X	coord.Y	N	Ced.Vert
Num. e tipo	n.	cm	cm	daN	cm
018 SLE rare	1	0.000	0.000	-1792.5	0.095

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
018 SLE rare	-1792.5	1.2	-373.8	-19120.0	-56.5	-1.2

Elemento: 27 - Palo singolo

Cmb	Palo	coord.X	coord.Y	N	Ced.Vert
Num. e tipo	n.	cm	cm	daN	cm
018 SLE rare	1	0.000	0.000	-984.1	0.044

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
018 SLE rare	-984.1	-23.5	-120.4	-6612.2	2915.1	75.0

Elemento: 28 - Palo singolo

Cmb	Palo	coord.X	coord.Y	N	Ced.Vert
Num. e tipo	n.	cm	cm	daN	cm
018 SLE rare	1	0.000	0.000	-468.3	0.025

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
018 SLE rare	-468.3	12.6	-26.8	7504.5	-720.4	229.5

Elemento: 31 - Palo singolo

Cmb	Palo	coord.X	coord.Y	N	Ced.Vert
Num. e tipo	n.	cm	cm	daN	cm
018 SLE rare	1	0.000	0.000	-3219.1	0.170

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
018 SLE rare	-3219.1	1.0	-187.9	-5008.0	11.8	181.0

Elemento: 32 - Palo singolo

Cmb	Palo	coord.X	coord.Y	N	Ced.Vert
Num. e tipo	n.	cm	cm	daN	cm
018 SLE rare	1	0.000	0.000	-526.1	0.028

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
018 SLE rare	-526.1	6.5	-32.5	16880.0	-371.0	0.0

Elemento: 39 - Palo singolo

Cmb	Palo	coord.X	coord.Y	N	Ced.Vert
Num. e tipo	n.	cm	cm	daN	cm
018 SLE rare	1	0.000	0.000	-1324.3	0.070

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
018 SLE rare	-1324.3	7.2	-270.3	-13870.0	-488.6	107.6

Elemento: 43 - Palo singolo

Cmb	Palo	coord.X	coord.Y	N	Ced.Vert
Num. e tipo	n.	cm	cm	daN	cm
018 SLE rare	1	0.000	0.000	-1326.2	0.059

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
018 SLE rare	-1326.2	1.3	-369.5	-19170.0	34.7	48.3

Elemento: 50 - Palo singolo

Cmb	Palo	coord.X	coord.Y	N	Ced.Vert
Num. e tipo	n.	cm	cm	daN	cm
018 SLE rare	1	0.000	0.000	-967.9	0.051

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
018 SLE rare	-967.9	9.0	-9.7	16800.0	-472.5	127.7

Elemento: 52 - Palo singolo

Cmb	Palo	coord.X	coord.Y	N	Ced.Vert
Num. e tipo	n.	cm	cm	daN	cm
018 SLE rare	1	0.000	0.000	-1788.9	0.080

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
018 SLE rare	-1788.9	3.9	-333.5	-17230.0	-194.0	95.8

Elemento: 54 - Palo singolo

Cmb	Palo	coord.X	coord.Y	N	Ced.Vert
Num. e tipo	n.	cm	cm	daN	cm

017 SLE rare	1	0.000	0.000	-1290.8	0.058	

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
017 SLE rare	-1290.8	1.7	-4.3	-327.3	-192.0	0.8

Elemento: 56 - Palo singolo

Cmb	Palo	coord.X	coord.Y	N	Ced.Vert
Num. e tipo	n.	cm	cm	daN	cm
018 SLE rare	1	0.000	0.000	-503.8	0.027

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
018 SLE rare	-503.8	13.0	-10.7	13570.0	-815.4	198.3

Elemento: 66 - Palo singolo

Cmb	Palo	coord.X	coord.Y	N	Ced.Vert
Num. e tipo	n.	cm	cm	daN	cm
021 SLE rare	1	0.000	0.000	-3046.4	0.161

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
021 SLE rare	-3046.4	0.8	-675.3	-30090.0	15.2	0.2

Elemento: 68 - Palo singolo

Cmb	Palo	coord.X	coord.Y	N	Ced.Vert
Num. e tipo	n.	cm	cm	daN	cm
019 SLE rare	1	0.000	0.000	-4824.9	0.255

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
019 SLE rare	-4824.9	2.1	-750.1	-40890.0	-115.7	-13.8

Elemento: 70 - Palo singolo

Cmb	Palo	coord.X	coord.Y	N	Ced.Vert
Num. e tipo	n.	cm	cm	daN	cm
019 SLE rare	1	0.000	0.000	-3089.3	0.163

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
019 SLE rare	-3089.3	4.9	-659.6	-26500.0	-394.1	-12.0

Elemento: 72 - Palo singolo

Cmb	Palo	coord.X	coord.Y	N	Ced.Vert
Num. e tipo	n.	cm	cm	daN	cm
021 SLE rare	1	0.000	0.000	-4401.3	0.232

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
021 SLE rare	-4401.3	-3.7	-581.3	-26110.0	526.8	171.1

Elemento: 74 - Palo singolo

Cmb	Palo	coord.X	coord.Y	N	Ced.Vert
Num. e tipo	n.	cm	cm	daN	cm
021 SLE rare	1	0.000	0.000	-3780.9	0.200

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
021 SLE rare	-3780.9	9.2	-415.4	-14460.0	-817.5	-3.4

Elemento: 91 - Palo singolo

Cmb	Palo	coord.X	coord.Y	N	Ced.Vert
Num. e tipo	n.	cm	cm	daN	cm
021 SLE rare	1	0.000	0.000	-4115.9	0.217

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
021 SLE rare	-4115.9	12.0	-686.6	-34400.0	-1176.4	-104.9

Elemento: 92 - Palo singolo

Cmb	Palo	coord.X	coord.Y	N	Ced.Vert
Num. e tipo	n.	cm	cm	daN	cm
021 SLE rare	1	0.000	0.000	-3225.5	0.170

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
021 SLE rare	-3225.5	6.6	-682.8	-31760.0	-594.1	-57.4

Elemento: 93 - Palo singolo

Cmb	Palo	coord.X	coord.Y	N	Ced.Vert
Num. e tipo	n.	cm	cm	daN	cm
021 SLE rare	1	0.000	0.000	-3577.6	0.189

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
021 SLE rare	-3577.6	-1.8	-194.5	-6121.1	363.7	303.1

Elemento: 94 - Palo singolo

Cmb	Palo	coord.X	coord.Y	N	Ced.Vert
Num. e tipo	n.	cm	cm	daN	cm
021 SLE rare	1	0.000	0.000	-3501.8	0.185

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
021 SLE rare	-3501.8	-3.5	-678.4	-31200.0	473.6	45.5

Elemento: 95 - Palo singolo

Cmb	Palo	coord.X	coord.Y	N	Ced.Vert
Num. e tipo	n.	cm	cm	daN	cm
021 SLE rare	1	0.000	0.000	-4305.6	0.227

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
021 SLE rare	-4305.6	-4.3	-692.0	-34110.0	562.6	56.2

Elemento: 96 - Palo singolo

Cmb	Palo	coord.X	coord.Y	N	Ced.Vert
Num. e tipo	n.	cm	cm	daN	cm
018 SLE rare	1	0.000	0.000	-3320.8	0.175

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
018 SLE rare	-3320.8	4.9	-272.0	-8334.7	-402.4	22.7

Elemento: 97 - Palo singolo

Cmb	Palo	coord.X	coord.Y	N	Ced.Vert
Num. e tipo	n.	cm	cm	daN	cm
019 SLE rare	1	0.000	0.000	-4362.7	0.230

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
019 SLE rare	-4362.7	8.8	-689.2	-33070.0	-809.1	-84.2

Elemento: 98 - Palo singolo

Cmb	Palo	coord.X	coord.Y	N	Ced.Vert
Num. e tipo	n.	cm	cm	daN	cm
019 SLE rare	1	0.000	0.000	-3588.0	0.189

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm

019 SLE rare	-3588.0	8.3	-671.7	-29040.0	-760.7	-69.0

Elemento: 99 - Palo singolo

Cmb	Palo	coord.X	coord.Y	N	Ced.Vert
Num. e tipo	n.	cm	cm	daN	cm
017 SLE rare	1	0.000	0.000	-3190.8	0.168

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
017 SLE rare	-3190.8	0.5	10.2	1212.6	-45.3	0.1

Elemento: 100 - Palo singolo

Cmb	Palo	coord.X	coord.Y	N	Ced.Vert
Num. e tipo	n.	cm	cm	daN	cm
019 SLE rare	1	0.000	0.000	-3081.9	0.163

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
019 SLE rare	-3081.9	0.7	-648.2	-26120.0	53.1	66.3

Elemento: 101 - Palo singolo

Cmb	Palo	coord.X	coord.Y	N	Ced.Vert
Num. e tipo	n.	cm	cm	daN	cm
021 SLE rare	1	0.000	0.000	-3587.7	0.189

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
021 SLE rare	-3587.7	-3.0	-617.1	-25660.0	449.4	143.8

Elemento: 102 - Palo singolo

Cmb	Palo	coord.X	coord.Y	N	Ced.Vert
Num. e tipo	n.	cm	cm	daN	cm
021 SLE rare	1	0.000	0.000	-4356.8	0.230

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
021 SLE rare	-4356.8	-2.7	-100.7	-4116.1	464.0	281.0

Elemento: 103 - Palo singolo

Cmb	Palo	coord.X	coord.Y	N	Ced.Vert
Num. e tipo	n.	cm	cm	daN	cm
021 SLE rare	1	0.000	0.000	-4939.0	0.261

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
021 SLE rare	-4939.0	2.7	-594.5	-31600.0	-134.5	108.5

Elemento: 104 - Palo singolo

Cmb	Palo	coord.X	coord.Y	N	Ced.Vert
Num. e tipo	n.	cm	cm	daN	cm
021 SLE rare	1	0.000	0.000	-4525.2	0.239

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
021 SLE rare	-4525.2	9.1	-474.8	-20680.0	-809.0	28.0

Elemento: 105 - Palo singolo

Cmb	Palo	coord.X	coord.Y	N	Ced.Vert
Num. e tipo	n.	cm	cm	daN	cm
018 SLE rare	1	0.000	0.000	-524.6	0.028

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
018 SLE rare	-524.6	6.6	-17.5	17820.0	-303.7	55.6

Elemento: 107 - Palo singolo

Cmb	Palo	coord.X	coord.Y	N	Ced.Vert
Num. e tipo	n.	cm	cm	daN	cm
021 SLE rare	1	0.000	0.000	3240.5	0.171

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
021 SLE rare	3240.5	76.0	-714.0	-40020.0	-5048.5	-83.9

Elemento: 108 - Palo singolo

Cmb	Palo	coord.X	coord.Y	N	Ced.Vert
Num. e tipo	n.	cm	cm	daN	cm
021 SLE rare	1	0.000	0.000	6296.8	0.322

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
021 SLE rare	6296.8	11.2	-763.6	-42350.0	-650.7	-12.1

Elemento: 109 - Palo singolo

Cmb	Palo	coord.X	coord.Y	N	Ced.Vert
Num. e tipo	n.	cm	cm	daN	cm
015 SLE rare	1	0.000	0.000	-1540.2	0.081

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
015 SLE rare	-1540.2	1.3	6.4	710.1	-98.0	-1.0

Elemento: 110 - Palo singolo

Cmb	Palo	coord.X	coord.Y	N	Ced.Vert
Num. e tipo	n.	cm	cm	daN	cm
021 SLE rare	1	0.000	0.000	6198.8	0.320

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
021 SLE rare	6198.8	-69.4	-608.2	-33070.0	4129.8	98.0

VALORI DI CALCOLO DELLA PORTANZA ORIZZONTALE PER FONDAZIONI PROFONDE

Elemento: 1 - Palo singolo

Cmb.	Palo	coord.X	coord.Y	Ved	Mecc.	Z cern./rot.	Mu	V lim	Ver.V	Stato
Num e tipo.	n.	cm	cm	daN	-	cm	daN cm	daN	-	-
011 SLU STR	1	0.000	0.000	456.1	P. Lungo	81.448	144120.6	2221.0	0.205	OK

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
011 SLU STR	-586.3	13.4	-455.9	-4128.2	-1015.0	93.2

Elemento: 2 - Palo singolo

Cmb.	Palo	coord.X	coord.Y	Ved	Mecc.	Z cern./rot.	Mu	V lim	Ver.V	Stato
Num e tipo.	n.	cm	cm	daN	-	cm	daN cm	daN	-	-
011 SLU STR	1	0.000	0.000	119.1	P. Lungo	81.494	144322.0	2223.2	0.054	OK

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
011 SLU STR	-524.1	15.8	-118.1	231.8	-360.7	384.8

Elemento: 3 - Palo singolo

Cmb.	Palo	coord.X	coord.Y	Ved	Mecc.	Z cern./rot.	Mu	V lim	Ver.V	Stato
Num e tipo.	n.	cm	cm	daN	-	cm	daN cm	daN	-	-
009 SLU STR	1	0.000	0.000	1060.9	P. Lungo	75.978	120867.9	1953.7	0.543	OK

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
009 SLU STR	-7760.1	21.2	-1060.7	-58910.0	-2101.0	-142.2

Elemento: 5 - Palo singolo

Cmb.	Palo	coord.X	coord.Y	Ved	Mecc.	Z cern./rot.	Mu	V lim	Ver.V	Stato
Num e tipo.	n.	cm	cm	daN	-	cm	daN cm	daN	-	-
011 SLU STR	1	0.000	0.000	850.7	P. Lungo	76.799	124258.4	1993.8	0.427	OK

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
011 SLU STR	-1311.9	67.4	-848.0	-44530.0	-7340.5	121.6

Elemento: 6 - Palo singolo

Cmb.	Palo	coord.X	coord.Y	Ved	Mecc.	Z cern./rot.	Mu	V lim	Ver.V	Stato
Num e tipo.	n.	cm	cm	daN	-	cm	daN cm	daN	-	-
011 SLU STR	1	0.000	0.000	795.8	P. Lungo	80.805	141305.1	2189.6	0.363	OK

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
011 SLU STR	-1454.9	8.9	-795.8	-40720.0	-681.5	22.3

Elemento: 11 - Palo singolo

Cmb.	Palo	coord.X	coord.Y	Ved	Mecc.	Z cern./rot.	Mu	V lim	Ver.V	Stato
Num e tipo.	n.	cm	cm	daN	-	cm	daN cm	daN	-	-
011 SLU STR	1	0.000	0.000	261.6	P. Lungo	81.431	144047.0	2220.2	0.118	OK

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
011 SLU STR	-609.0	4.7	-261.5	15330.0	-67.9	-38.3

Elemento: 16 - Palo singolo

Cmb.	Palo	coord.X	coord.Y	Ved	Mecc.	Z cern./rot.	Mu	V lim	Ver.V	Stato
Num e tipo.	n.	cm	cm	daN	-	cm	daN cm	daN	-	-
011 SLU STR	1	0.000	0.000	815.2	P. Lungo	76.759	124089.8	1991.8	0.409	OK

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
011 SLU STR	-1367.4	-9.8	-815.2	-42390.0	1096.4	16.7

Elemento: 20 - Palo singolo

Cmb.	Palo	coord.X	coord.Y	Ved	Mecc.	Z cern./rot.	Mu	V lim	Ver.V	Stato
Num e tipo.	n.	cm	cm	daN	-	cm	daN cm	daN	-	-
011 SLU STR	1	0.000	0.000	135.5	P. Lungo	80.938	141886.1	2196.1	0.062	OK

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
011 SLU STR	-1275.6	11.8	-135.0	29150.0	-719.1	-63.7

Elemento: 25 - Palo singolo

Cmb.	Palo	coord.X	coord.Y	Ved	Mecc.	Z cern./rot.	Mu	V lim	Ver.V	Stato
Num e tipo.	n.	cm	cm	daN	-	cm	daN cm	daN	-	-
011 SLU STR	1	0.000	0.000	798.2	P. Lungo	80.282	139026.9	2164.0	0.369	OK

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
011 SLU STR	-2157.7	2.7	-798.2	-40820.0	-135.7	-2.4

Elemento: 27 - Palo singolo

Cmb.	Palo	coord.X	coord.Y	Ved	Mecc.	Z cern./rot.	Mu	V lim	Ver.V	Stato
Num e tipo.	n.	cm	cm	daN	-	cm	daN cm	daN	-	-
011 SLU STR	1	0.000	0.000	258.0	P. Lungo	76.851	124473.6	1996.4	0.129	OK

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
011 SLU STR	-1241.0	-54.5	-252.2	-13660.0	6715.6	159.5

Elemento: 28 - Palo singolo

Cmb.	Palo	coord.X	coord.Y	Ved	Mecc.	Z cern./rot.	Mu	V lim	Ver.V	Stato
Num e tipo.	n.	cm	cm	daN	-	cm	daN cm	daN	-	-
011 SLU STR	1	0.000	0.000	61.3	P. Lungo	81.492	144315.8	2223.2	0.028	OK

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
011 SLU STR	-526.1	25.2	-55.9	16120.0	-1386.2	490.6

Elemento: 31 - Palo singolo

Cmb.	Palo	coord.X	coord.Y	Ved	Mecc.	Z cern./rot.	Mu	V lim	Ver.V	Stato
Num e tipo.	n.	cm	cm	daN	-	cm	daN cm	daN	-	-
011 SLU STR	1	0.000	0.000	411.1	P. Lungo	78.762	132501.1	2089.7	0.197	OK

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
011 SLU STR	-4171.1	1.2	-411.1	-11770.0	130.0	387.7

Elemento: 32 - Palo singolo

Cmb.	Palo	coord.X	coord.Y	Ved	Mecc.	Z cern./rot.	Mu	V lim	Ver.V	Stato
Num e tipo.	n.	cm	cm	daN	-	cm	daN cm	daN	-	-
011 SLU STR	1	0.000	0.000	69.6	P. Lungo	81.421	144003.4	2219.7	0.031	OK

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
011 SLU STR	-622.4	13.9	-68.2	36170.0	-791.6	-0.1

Elemento: 39 - Palo singolo

Cmb.	Palo	coord.X	coord.Y	Ved	Mecc.	Z cern./rot.	Mu	V lim	Ver.V	Stato
Num e tipo.	n.	cm	cm	daN	-	cm	daN cm	daN	-	-
011 SLU STR	1	0.000	0.000	576.2	P. Lungo	80.807	141311.3	2189.7	0.263	OK

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
011 SLU STR	-1453.0	14.2	-576.1	-29540.0	-921.0	230.3

Elemento: 43 - Palo singolo

Cmb.	Palo	coord.X	coord.Y	Ved	Mecc.	Z cern./rot.	Mu	V lim	Ver.V	Stato
Num e tipo.	n.	cm	cm	daN	-	cm	daN cm	daN	-	-
011 SLU STR	1	0.000	0.000	788.1	P. Lungo	76.695	123823.9	1988.7	0.396	OK

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
011 SLU STR	-1454.9	4.0	-788.1	-40840.0	-50.5	103.4

Elemento: 50 - Palo singolo

Cmb.	Palo	coord.X	coord.Y	Ved	Mecc.	Z cern./rot.	Mu	V lim	Ver.V	Stato
Num e tipo.	n.	cm	cm	daN	-	cm	daN cm	daN	-	-
011 SLU STR	1	0.000	0.000	27.2	P. Lungo	80.933	141864.3	2195.8	0.012	OK

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
011 SLU STR	-1282.4	19.1	-19.4	36010.0	-998.9	273.5

Elemento: 52 - Palo singolo

Cmb.	Palo	coord.X	coord.Y	Ved	Mecc.	Z cern./rot.	Mu	V lim	Ver.V	Stato
Num e tipo.	n.	cm	cm	daN	-	cm	daN cm	daN	-	-
011 SLU STR	1	0.000	0.000	712.0	P. Lungo	76.185	121718.2	1963.8	0.363	OK

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
011 SLU STR	-2148.0	8.8	-711.9	-36790.0	-459.3	205.2

Elemento: 54 - Palo singolo

Cmb.	Palo	coord.X	coord.Y	Ved	Mecc.	Z cern./rot.	Mu	V lim	Ver.V	Stato
Num e tipo.	n.	cm	cm	daN	-	cm	daN cm	daN	-	-
011 SLU STR	1	0.000	0.000	419.1	P. Lungo	76.795	124239.2	1993.6	0.210	OK

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
011 SLU STR	-1318.2	20.8	-418.6	-21900.0	-1521.9	370.1

Elemento: 56 - Palo singolo

Cmb.	Palo	coord.X	coord.Y	Ved	Mecc.	Z cern./rot.	Mu	V lim	Ver.V	Stato
Num e tipo.	n.	cm	cm	daN	-	cm	daN cm	daN	-	-
011 SLU STR	1	0.000	0.000	33.3	P. Lungo	81.453	144141.4	2221.2	0.015	OK

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
011 SLU STR	-579.9	25.5	-21.4	29080.0	-1520.8	424.8

Elemento: 66 - Palo singolo

Cmb.	Palo	coord.X	coord.Y	Ved	Mecc.	Z cern./rot.	Mu	V lim	Ver.V	Stato
Num e tipo.	n.	cm	cm	daN	-	cm	daN cm	daN	-	-
009 SLU STR	1	0.000	0.000	1013.6	P. Lungo	78.860	132916.4	2094.5	0.484	OK

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
009 SLU STR	-4042.9	1.3	-1013.6	-45240.0	14.7	0.3

Elemento: 68 - Palo singolo

Cmb.	Palo	coord.X	coord.Y	Ved	Mecc.	Z cern./rot.	Mu	V lim	Ver.V	Stato
Num e tipo.	n.	cm	cm	daN	-	cm	daN cm	daN	-	-
009 SLU STR	1	0.000	0.000	1125.9	P. Lungo	76.845	124446.6	1996.0	0.564	OK

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
009 SLU STR	-6656.0	3.2	-1125.9	-61450.0	-172.6	-20.6

Elemento: 70 - Palo singolo

Cmb.	Palo	coord.X	coord.Y	Ved	Mecc.	Z cern./rot.	Mu	V lim	Ver.V	Stato
Num e tipo.	n.	cm	cm	daN	-	cm	daN cm	daN	-	-
009 SLU STR	1	0.000	0.000	990.1	P. Lungo	78.807	132692.8	2091.9	0.473	OK

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
009 SLU STR	-4111.9	7.3	-990.1	-39860.0	-583.5	-18.0

Elemento: 72 - Palo singolo

Cmb.	Palo	coord.X	coord.Y	Ved	Mecc.	Z cern./rot.	Mu	V lim	Ver.V	Stato
Num e tipo.	n.	cm	cm	daN	-	cm	daN cm	daN	-	-
011 SLU STR	1	0.000	0.000	873.0	P. Lungo	77.327	126453.5	2019.6	0.432	OK

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
011 SLU STR	-6036.8	-5.3	-872.9	-39300.0	766.0	256.4

Elemento: 74 - Palo singolo

Cmb.	Palo	coord.X	coord.Y	Ved	Mecc.	Z cern./rot.	Mu	V lim	Ver.V	Stato
Num e tipo.	n.	cm	cm	daN	-	cm	daN cm	daN	-	-
011 SLU STR	1	0.000	0.000	624.8	P. Lungo	78.040	129443.1	2054.4	0.304	OK

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
011 SLU STR	-5114.5	13.7	-624.6	-21860.0	-1210.7	-5.3

Elemento: 91 - Palo singolo

Cmb.	Palo	coord.X	coord.Y	Ved	Mecc.	Z cern./rot.	Mu	V lim	Ver.V	Stato
Num e tipo.	n.	cm	cm	daN	-	cm	daN cm	daN	-	-
009 SLU STR	1	0.000	0.000	1030.6	P. Lungo	77.624	127695.8	2034.1	0.507	OK

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
009 SLU STR	-5653.6	18.0	-1030.5	-51690.0	-1760.3	-157.3

Elemento: 92 - Palo singolo

Cmb.	Palo	coord.X	coord.Y	Ved	Mecc.	Z cern./rot.	Mu	V lim	Ver.V	Stato
Num e tipo.	n.	cm	cm	daN	-	cm	daN cm	daN	-	-

009 SLU STR	1	0.000	0.000	1024.8	P. Lungo	78.649	132022.9	2084.2	0.492	OK

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
009 SLU STR	-4318.6	9.8	-1024.7	-47740.0	-890.3	-86.1

Elemento: 93 - Palo singolo

Cmb.	Palo	coord.X	coord.Y	Ved	Mecc.	Z cern./rot.	Mu	V lim	Ver.V	Stato
Num e tipo.	n.	cm	cm	daN	-	cm	daN cm	daN	-	-
011 SLU STR	1	0.000	0.000	293.0	P. Lungo	78.243	130300.8	2064.4	0.142	OK

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
011 SLU STR	-4849.9	-2.8	-293.0	-9316.2	550.8	454.8

Elemento: 94 - Palo singolo

Cmb.	Palo	coord.X	coord.Y	Ved	Mecc.	Z cern./rot.	Mu	V lim	Ver.V	Stato
Num e tipo.	n.	cm	cm	daN	-	cm	daN cm	daN	-	-
009 SLU STR	1	0.000	0.000	1018.2	P. Lungo	78.351	130759.7	2069.7	0.492	OK

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
009 SLU STR	-4708.3	-5.1	-1018.2	-46900.0	693.6	68.3

Elemento: 95 - Palo singolo

Cmb.	Palo	coord.X	coord.Y	Ved	Mecc.	Z cern./rot.	Mu	V lim	Ver.V	Stato
Num e tipo.	n.	cm	cm	daN	-	cm	daN cm	daN	-	-
009 SLU STR	1	0.000	0.000	1038.6	P. Lungo	77.441	126928.1	2025.2	0.513	OK

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
009 SLU STR	-5890.4	-6.3	-1038.6	-51280.0	827.4	84.4

Elemento: 96 - Palo singolo

Cmb.	Palo	coord.X	coord.Y	Ved	Mecc.	Z cern./rot.	Mu	V lim	Ver.V	Stato
Num e tipo.	n.	cm	cm	daN	-	cm	daN cm	daN	-	-
011 SLU STR	1	0.000	0.000	592.3	P. Lungo	78.687	132184.1	2086.1	0.284	OK

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
011 SLU STR	-4268.9	10.3	-592.2	-19010.0	-847.6	48.7

Elemento: 97 - Palo singolo

Cmb.	Palo	coord.X	coord.Y	Ved	Mecc.	Z cern./rot.	Mu	V lim	Ver.V	Stato
Num e tipo.	n.	cm	cm	daN	-	cm	daN cm	daN	-	-
009 SLU STR	1	0.000	0.000	1034.6	P. Lungo	77.371	126639.3	2021.8	0.512	OK

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
009 SLU STR	-5979.5	12.9	-1034.5	-49730.0	-1191.3	-126.3

Elemento: 98 - Palo singolo

Cmb.	Palo	coord.X	coord.Y	Ved	Mecc.	Z cern./rot.	Mu	V lim	Ver.V	Stato
Num e tipo.	n.	cm	cm	daN	-	cm	daN cm	daN	-	-
009 SLU STR	1	0.000	0.000	1008.2	P. Lungo	78.248	130322.0	2064.6	0.488	OK

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
009 SLU STR	-4843.3	12.3	-1008.1	-43670.0	-1121.0	-103.5

Elemento: 99 - Palo singolo

Cmb.	Palo	coord.X	coord.Y	Ved	Mecc.	Z cern./rot.	Mu	V lim	Ver.V	Stato
Num e tipo.	n.	cm	cm	daN	-	cm	daN cm	daN	-	-
011 SLU STR	1	0.000	0.000	536.2	P. Lungo	78.953	133312.9	2099.0	0.255	OK

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm

011 SLU STR	-3920.6	6.0	-536.1	-16250.0	-389.6	200.6

Elemento: 100 - Palo singolo

Cmb.	Palo	coord.X	coord.Y	Ved	Mecc.	Z cern./rot.	Mu	V lim	Ver.V	Stato
Num e tipo.	n.	cm	cm	daN	-	cm	daN cm	daN	-	-
009 SLU STR	1	0.000	0.000	973.1	P. Lungo	78.815	132727.8	2092.3	0.465	OK

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
009 SLU STR	-4101.1	1.2	-973.1	-39300.0	72.1	99.3

Elemento: 101 - Palo singolo

Cmb.	Palo	coord.X	coord.Y	Ved	Mecc.	Z cern./rot.	Mu	V lim	Ver.V	Stato
Num e tipo.	n.	cm	cm	daN	-	cm	daN cm	daN	-	-
011 SLU STR	1	0.000	0.000	926.4	P. Lungo	78.248	130322.0	2064.6	0.449	OK

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
011 SLU STR	-4843.4	-4.3	-926.4	-38620.0	653.6	215.4

Elemento: 102 - Palo singolo

Cmb.	Palo	coord.X	coord.Y	Ved	Mecc.	Z cern./rot.	Mu	V lim	Ver.V	Stato
Num e tipo.	n.	cm	cm	daN	-	cm	daN cm	daN	-	-
011 SLU STR	1	0.000	0.000	152.1	P. Lungo	77.335	126486.0	2020.0	0.075	OK

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
011 SLU STR	-6026.8	-4.1	-152.1	-6294.2	706.7	421.7

Elemento: 103 - Palo singolo

Cmb.	Palo	coord.X	coord.Y	Ved	Mecc.	Z cern./rot.	Mu	V lim	Ver.V	Stato
Num e tipo.	n.	cm	cm	daN	-	cm	daN cm	daN	-	-
011 SLU STR	1	0.000	0.000	893.0	P. Lungo	76.714	123903.1	1989.6	0.449	OK

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
011 SLU STR	-6823.7	4.0	-893.0	-47550.0	-206.6	162.3

Elemento: 104 - Palo singolo

Cmb.	Palo	coord.X	coord.Y	Ved	Mecc.	Z cern./rot.	Mu	V lim	Ver.V	Stato
Num e tipo.	n.	cm	cm	daN	-	cm	daN cm	daN	-	-
011 SLU STR	1	0.000	0.000	713.8	P. Lungo	77.191	125885.5	2012.9	0.355	OK

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
011 SLU STR	-6212.1	13.5	-713.7	-31180.0	-1198.1	41.7

Elemento: 105 - Palo singolo

Cmb.	Palo	coord.X	coord.Y	Ved	Mecc.	Z cern./rot.	Mu	V lim	Ver.V	Stato
Num e tipo.	n.	cm	cm	daN	-	cm	daN cm	daN	-	-
014 SLU STR	1	0.000	0.000	39.3	P. Lungo	81.451	144132.9	2221.1	0.018	OK

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
014 SLU STR	-582.5	15.5	-36.1	38180.0	-789.5	119.1

Elemento: 107 - Palo singolo

Cmb.	Palo	coord.X	coord.Y	Ved	Mecc.	Z cern./rot.	Mu	V lim	Ver.V	Stato
Num e tipo.	n.	cm	cm	daN	-	cm	daN cm	daN	-	-
014 SLU STR	1	0.000	0.000	1078.9	P. Lungo	77.641	127765.4	2034.9	0.530	OK

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
014 SLU STR	5632.1	114.1	-1072.8	-60300.0	-7582.0	-125.8

Elemento: 108 - Palo singolo

Cmb.	Palo	coord.X	coord.Y	Ved	Mecc.	Z cern./rot.	Mu	V lim	Ver.V	Stato

Num e tipo.	n.	cm	cm	daN	-	cm	daN cm	daN	-	-
014 SLU STR	1	0.000	0.000	1148.0	P. Lungo	74.000	112862.0	1857.0	0.618	OK

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
014 SLU STR	10230.0	16.7	-1147.8	-63880.0	-970.0	-18.1

Elemento: 109 - Palo singolo

Cmb.	Palo	coord.X	coord.Y	Ved	Mecc.	Z cern./rot.	Mu	V lim	Ver.V	Stato
Num e tipo.	n.	cm	cm	daN	-	cm	daN cm	daN	-	-
014 SLU STR	1	0.000	0.000	326.4	P. Lungo	79.844	137136.0	2142.6	0.152	OK

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
014 SLU STR	2741.1	-283.8	-161.2	-7276.5	17250.0	379.5

Elemento: 110 - Palo singolo

Cmb.	Palo	coord.X	coord.Y	Ved	Mecc.	Z cern./rot.	Mu	V lim	Ver.V	Stato
Num e tipo.	n.	cm	cm	daN	-	cm	daN cm	daN	-	-
014 SLU STR	1	0.000	0.000	921.8	P. Lungo	74.114	113315.8	1862.6	0.495	OK

Sollecitazioni:

Cmb	N	Tx	Ty	Mx	My	Mz
Num. e tipo	daN	daN	daN	daN cm	daN cm	daN cm
014 SLU STR	10090.0	-103.4	-916.0	-50050.0	6146.0	146.1