



Ministero delle Infrastrutture e dei Trasporti

PROVVEDITORATO INTERREGIONALE PER LE OPERE PUBBLICHE
PER LA CAMPANIA, IL MOLISE, LA PUGLIA E LA BASILICATA
SEDE COORDINATA DI POTENZA



IL RUP
ing. Francesco D'EUGENIO

ENTE CONVENZIONATO
COMANDO REGIONALE DI BASILICATA
DELLA GUARDIA DI FINANZA - Legge n. 208/2015

IL PROGETTISTA RESPONSABILE
DELL'INTEGRAZIONE DELLE VARIE PRESTAZIONI
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DESCRIZIONE PROGETTO

LAVORI DI REALIZZAZIONE DI UN NUOVO CORPO DI FABBRICA
NELL'AMBITO DELLA CASERMA SEDE DEL COMANDO PROVINCIALE NUCLEO PT
E COMPAGNIA MATERA DELLA GUARDIA DI FINANZA DI MATERA

IL GEOLOGO
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N.	REVISIONE	DATA
01		
02		
03		
04		

IL DIRETTORE DEI LAVORI

L'IMPRESA

<input type="checkbox"/>	PROGETTO DI FATTIBILITA'	<input type="checkbox"/>	PROGETTO DEFINITIVO	<input checked="" type="checkbox"/>	PROGETTO ESECUTIVO		
<input type="checkbox"/>	STATO DEI LUOGHI			<input checked="" type="checkbox"/>	PROGETTO		
<input type="checkbox"/>	RILIEVO	<input type="checkbox"/>	ARCHITETTURA	<input checked="" type="checkbox"/>	STRUTTURE	<input type="checkbox"/>	IMPIANTI
ELABORATO	TAVOLA n.	DESCRIZIONE DELLA TAVOLA				SCALA	
DESCRITTIVO	SG.2	Verifica di stabilità del pendio					
						DATA	
						10/07/2017	

Relazione di calcolo Verifica di stabilità del pendio

Definizione

Per pendio s'intende una porzione di versante naturale il cui profilo originario è stato modificato da interventi artificiali rilevanti rispetto alla stabilità. Per frana s'intende una situazione di instabilità che interessa versanti naturali e coinvolgono volumi considerevoli di terreno.

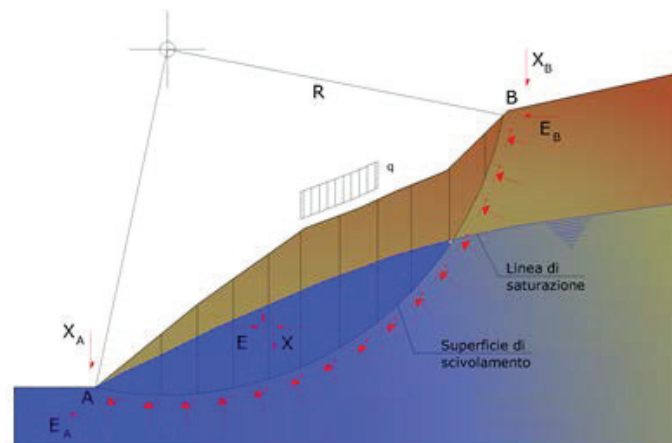
1. .

Metodo equilibrio limite (LEM)

Il metodo dell'equilibrio limite consiste nello studiare l'equilibrio di un corpo rigido, costituito dal pendio e da una superficie di scorrimento di forma qualsiasi (linea retta, arco di cerchio, spirale logaritmica); da tale equilibrio vengono calcolate le tensioni da taglio (τ) e confrontate con la resistenza disponibile (τ_f), valutata secondo il criterio di rottura di Coulomb, da tale confronto ne scaturisce la prima indicazione sulla stabilità attraverso il coefficiente di sicurezza:

$$F = \tau_f / \tau$$

Tra i metodi dell'equilibrio limite alcuni considerano l'equilibrio globale del corpo rigido (Culman), altri a causa della non omogeneità dividono il corpo in concii considerando l'equilibrio di ciascuno (Fellenius, Bishop, Janbu ecc.). Di seguito vengono discussi i metodi dell'equilibrio limite dei concii.



Metodo dei concii

La massa interessata dallo scivolamento viene suddivisa in un numero conveniente di concii. Se il numero dei concii è pari a n , il problema presenta le seguenti incognite:

- n valori delle forze normali N_i agenti sulla base di ciascun concio;
- n valori delle forze di taglio alla base del concio T_i ;
- $(n-1)$ forze normali E_i agenti sull'interfaccia dei concii;
- $(n-1)$ forze tangenziali X_i agenti sull'interfaccia dei concii;
- n valori della coordinata a che individua il punto di applicazione delle E_i ;
- $(n-1)$ valori della coordinata che individua il punto di applicazione delle X_i ;
- una incognita costituita dal fattore di sicurezza F .

Complessivamente le incognite sono $(6n-2)$.

Mentre le equazioni a disposizione sono:

- equazioni di equilibrio dei momenti n ;
- equazioni di equilibrio alla traslazione verticale n ;
- equazioni di equilibrio alla traslazione orizzontale n ;
- equazioni relative al criterio di rottura n .

Totale numero di equazioni $4n$.

Il problema è staticamente indeterminato ed il grado di indeterminazione è pari a :

$$i = (6n - 2) - (4n) = 2n - 2$$

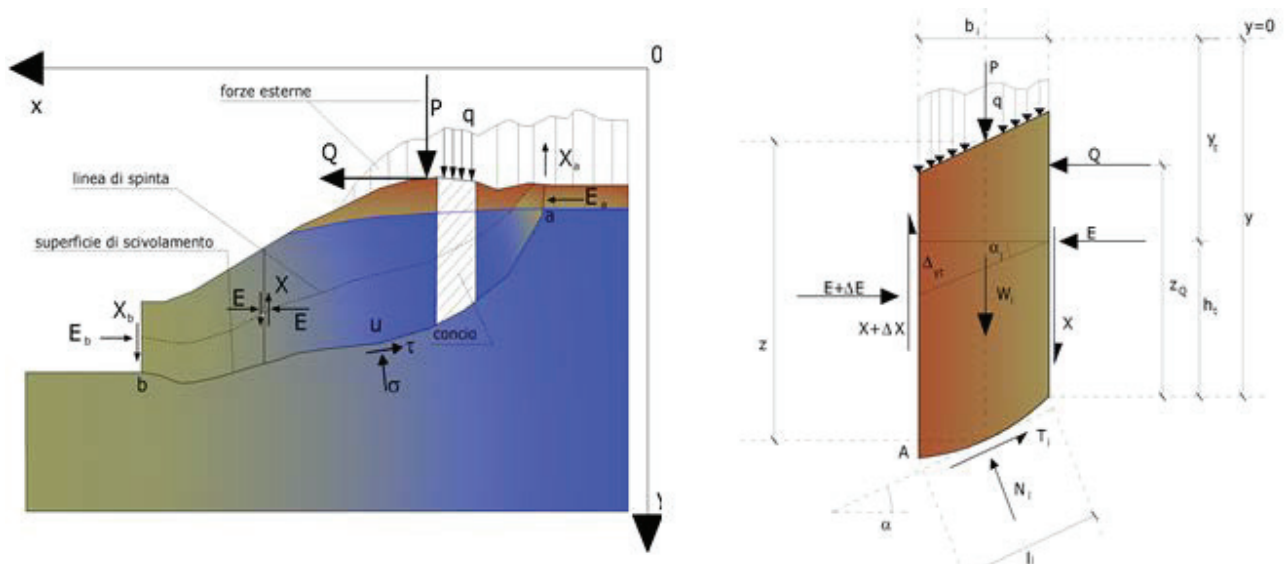
Il grado di indeterminazione si riduce ulteriormente a $(n-2)$ in quanto si fa l'assunzione che N_i sia applicato nel punto medio della striscia. Ciò equivale ad ipotizzare che le tensioni normali totali siano uniformemente distribuite. I diversi metodi che si basano sulla teoria dell'equilibrio limite si differenziano per il modo in cui vengono eliminate le $(n-2)$ indeterminazioni.

Metodo di Janbu (1967)

Janbu estese il metodo di Bishop a superfici di scorrimento di forma qualsiasi.

Quando vengono trattate superfici di scorrimento di forma qualsiasi il braccio delle forze cambia (nel caso delle superfici circolari resta costante e pari al raggio). A tal motivo risulta più conveniente valutare l'equazione del momento rispetto allo spigolo di ogni blocco.

$$F = \frac{\sum \{c_i \times b + (W_i - u_i \times b_i + \Delta X_i) \times \tan \varphi_i\} \times \frac{\sec^2 \alpha_i}{1 + \tan \alpha_i \times \tan \varphi_i / F}}{\sum W_i \times \tan \alpha_i}$$

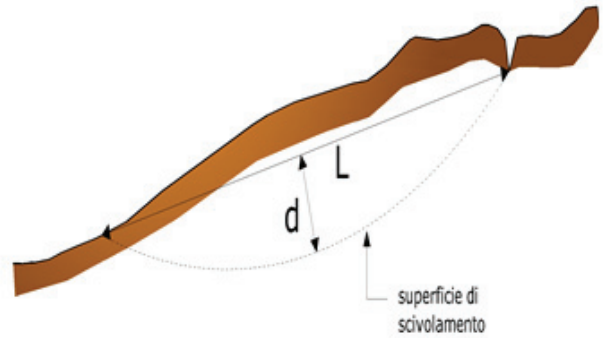
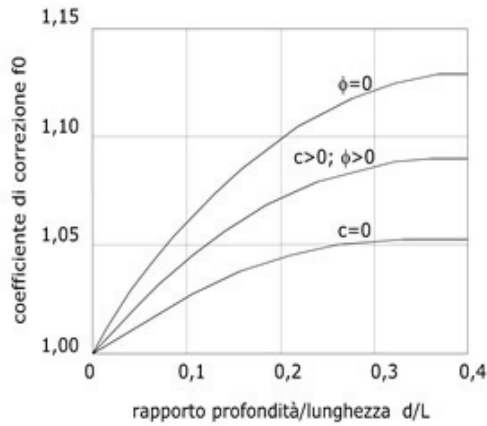


Azioni sul concio i-esimo secondo le ipotesi di Janbu e rappresentazione d'insieme dell'ammasso

Assumendo $\Delta X_i = 0$ si ottiene il metodo ordinario. Janbu propose inoltre un metodo per la correzione del fattore di sicurezza ottenuto con il metodo ordinario secondo la seguente:

$$F_{\text{corretto}} = f_0 \cdot F$$

dove f_0 è riportato in grafici funzione di geometria e parametri geotecnici. Tale correzione è molto attendibile per pendii poco inclinati.



$$F_{\text{sm}} = F_{\text{sf}}$$

Valutazione dell'azione sismica

La stabilità dei pendii nei confronti dell'azione sismica viene verificata con il metodo pseudo-statico. Per i terreni che sotto l'azione di un carico ciclico possono sviluppare pressioni interstiziali elevate viene considerato un aumento in percento delle pressioni neutre che tiene conto di questo fattore di perdita di resistenza.

Ai fini della valutazione dell'azione sismica vengono considerate le seguenti forze:

$$F_H = K_x W$$

$$F_V = K_y W$$

Essendo:

- F_H e F_V rispettivamente la componente orizzontale e verticale della forza d'inerzia applicata al baricentro del concio;
- W peso concio;
- K_x coefficiente sismico orizzontale;
- K_y coefficiente sismico verticale.

Ricerca della superficie di scorrimento critica

In presenza di mezzi omogenei non si hanno a disposizione metodi per individuare la superficie di scorrimento critica ed occorre esaminare un numero elevato di potenziali superfici.

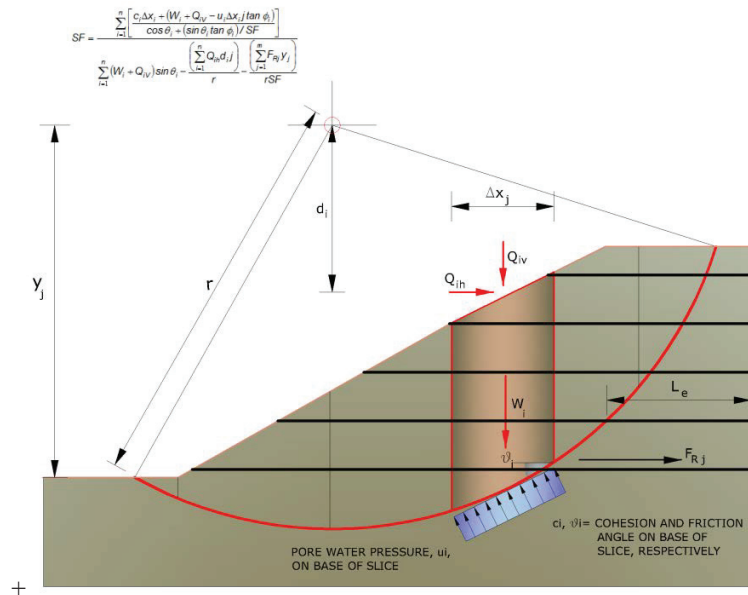
Nel caso vengano ipotizzate superfici di forma circolare, la ricerca diventa più semplice, in quanto dopo aver posizionato una maglia dei centri costituita da m righe e n colonne saranno esaminate tutte le superfici aventi per centro il generico nodo

della maglia $m \times n$ e raggio variabile in un determinato range di valori tale da esaminare superfici cinematicamente ammissibili.

Elemento Rinforzo

I Rinforzi sono degli elementi orizzontali, la loro messa in opera conferisce al terreno un incremento della resistenza allo scorrimento.

Se l'elemento di rinforzo interseca la superficie di scorrimento, la forza resistente sviluppata dall'elemento entra nell'equazione di equilibrio del singolo concio, in caso contrario l'elemento di rinforzo non ne influenza la stabilità.



Le verifiche di natura interna hanno lo scopo di valutare il livello di stabilità dell'ammasso rinforzato, quelle calcolate sono la verifica a rottura dell'elemento di rinforzo per trazione e la verifica a sfilamento (*Pullout*). Il parametro che fornisce la resistenza a trazione del rinforzo, T_{Allow} , si calcola dalla resistenza nominale del materiale con cui è realizzato il rinforzo ridotto da opportuni coefficienti che tengono conto dell'aggressività del terreno, danneggiamento per effetto creep e danneggiamento per installazione.

L'altro parametro è la resistenza a sfilamento (*Pullout*) che viene calcolata attraverso la seguente relazione:

$$T_{Pullout} = 2 \cdot L_e \cdot \sigma'_v \cdot f_b \cdot \tan(\delta)$$

Per geosintetico a maglie chiuse:

$$f_b = \frac{\tan(\delta)}{\tan(\phi)}$$

dove:

δ Rappresenta l'angolo di attrito tra terreno e rinforzo;

$T_{Pullout}$ Resistenza mobilitata da un rinforzo ancorato per una lunghezza L_e all'interno della parte stabile del terreno;

L_e Lunghezza di ancoraggio del rinforzo all'interno della parte stabile;

f_b Coefficiente di *Pullout*;

σ'_v Tensione verticale, calcolata alla profondità media del tratto di rinforzo ancorato al terreno.

Ai fini della verifica si sceglie il valore minimo tra T_{Allow} e $T_{Pullout}$, la verifica interna verrà soddisfatta se la forza trasmessa dal rinforzo generata a tergo del tratto rinforzato non supera il valore della T .

Ancoraggi

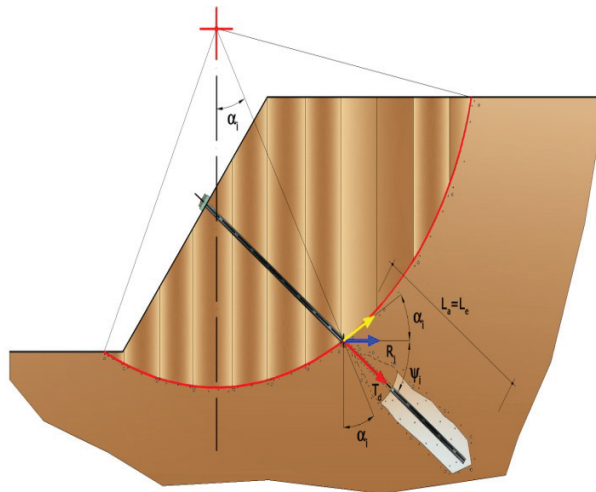
Gli ancoraggi, tiranti o chiodi, sono degli elementi strutturali in grado di sostenere forze di trazione in virtù di un'adeguata connessione al terreno.

Gli elementi caratterizzanti un tirante sono:

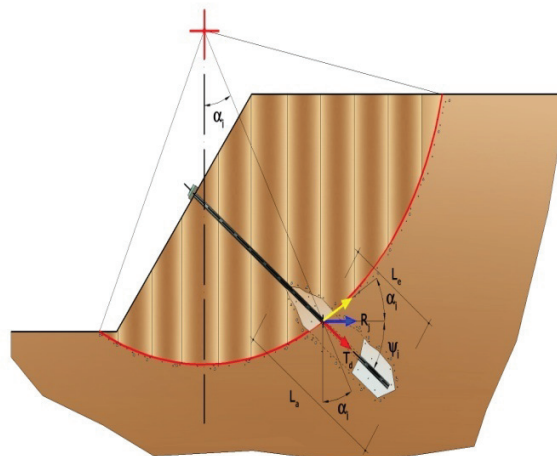
- **testata:** indica l'insieme degli elementi che hanno la funzione di trasmettere alla struttura ancorata la forza di trazione del tirante;
- **fondazione:** indica la parte del tirante che realizza la connessione con il terreno, trasmettendo al terreno stesso la forza di trazione del tirante.

Il tratto compreso tra la testata e la fondazione prende il nome di parte libera, mentre la fondazione (o bulbo) viene realizzata iniettando nel terreno, per un tratto terminale, tramite valvole a perdere, la malta, in genere cementizia. L'anima dell'ancoraggio è costituita da un'armatura, realizzata con barre, fili o trefoli.

Il tirante interviene nella stabilità in misura maggiore o minore efficacia a seconda se sarà totalmente o parzialmente (caso in cui è intercettato dalla superficie di scorrimento) ancorato alla parte stabile del terreno.



Bulbo completamente ancorato



Bulbo parzialmente ancorato

Le relazioni che esprimono la misura di sicurezza lungo una ipotetica superficie di scorrimento si modificheranno in presenza di ancoraggi (tirante attivo, passivo e chiodi) nel modo seguente:

- per i tiranti di *tipo attivo*, la loro resistenza si detrae dalle azioni (denominatore);

$$F_s = \frac{R_d}{E_d - \sum_{i,j} R_{i,j} \cdot \frac{1}{\cos \alpha_i}}$$

- per tiranti di *tipo passivo e per i chiodi*, il loro contributo si somma alle resistenze (numeratore)

$$F_s = \frac{R_d + \sum_{i,j} R_{i,j} \cdot \frac{1}{\cos \alpha_i}}{E_d}$$

Con R_j si indica la resistenza dell'ancoraggio e viene calcolata dalla seguente espressione:

$$R_j = T_d \cdot \cos \Psi_i \cdot \left(\frac{1}{i} \right) \cdot \left(\frac{L_e}{L_a} \right)$$

dove:

- T_d tiro esercizio;
- Ψ_i inclinazione del tirante rispetto all'orizzontale;
- i interasse;
- L_e lunghezza efficace;
- L_a lunghezza d'ancoraggio.

I due indici (i, j) riportati in sommatoria rappresentano rispettivamente l'i-esimo concio e il j-esimo ancoraggio intercettato dalla superficie di scorrimento dell'i-esimo concio.

VERIFICA ANTEOPERAM

Analisi di stabilità dei pendii con: JANBU (1967)

Lat./Long.	40.669486/16.596271
Normativa	NTC 2008
Numero di strati	2.0
Numero dei conci	10.0
Grado di sicurezza ritenuto accettabile	1.3
Coefficiente parziale resistenza	1.0
Parametri geotecnici da usare. Angolo di attrito:	Picco
Analisi Condizione drenata	
Superficie di forma circolare	

Maglia dei Centri

Ascissa vertice sinistro inferiore xi	4.28	m
Ordinata vertice sinistro inferiore yi	431.94	m
Ascissa vertice destro superiore xs	55.34	m
Ordinata vertice destro superiore ys	446.83	m
Passo di ricerca	10.0	
Numero di celle lungo x10.0		
Numero di celle lungo y10.0		

Coefficienti sismici [N.T.C.]

Dati generali

Tipo opera: 2 - Opere ordinarie

Classe d'uso: Classe IV

Vita nominale: 100.0 [anni]

Vita di riferimento: 200.0 [anni]

Parametri sismici su sito di riferimento

Categoria sottosuolo: C

Categoria topografica: T2

S.L.

Stato limite TR

Tempo ritorno

[anni]ag

[m/s²]F0

[-]TC*

[sec]

S.L.O.120.0	0.76	2.47	0.33
S.L.D.201.0	0.97	2.48	0.34
S.L.V.1898.0	2.13	2.58	0.35
S.L.C.2475.0	2.3	2.59	0.35

Coefficienti sismici orizzontali e verticali

Opera: Opere di sostegno

S.L.

Stato limite amax

[m/s²]beta			
[-] kh			
[-] kv			
[sec]			
S.L.O.1.368	0.18	0.0251	0.0126
S.L.D.1.746	0.18	0.032	0.016
S.L.V.3.4858	0.31	0.1102	0.0551
S.L.C.3.686	0.31	0.1165	0.0583

Coefficiente azione sismica orizzontale 0.1102

Coefficiente azione sismica verticale 0.0551

Vertici profilo

Nr X

(m) y

(m)

1	5.99	411.31
2	17.4	411.3
3	17.83	411.35
4	18.25	411.35
5	18.25	413.6
6	18.32	411.42
7	18.27	413.55
8	35.91	413.97
9	38.81	414.59
10	39.76	414.75
11	39.76	417.0
12	39.84	416.93
13	48.48	416.93
14	48.48	419.18
15	50.11	419.2
16	67.5	419.2
17	67.5	421.2
18	72.23	421.22

Falda

Nr. X

(m) y

(m)

1	6.37	409.11
2	24.78	410.47
3	31.53	410.94
4	38.02	412.03
5	41.48	414.1
6	49.23	416.47
7	59.43	417.29
8	71.25	419.79
9	71.99	419.94

Vertici strato1

N X

(m) y

(m)

1	5.95	395.69
2	26.72	398.89
3	46.9	402.0
4	71.99	404.98

Coefficienti parziali per i parametri geotecnici del terreno

Tangente angolo di resistenza al taglio	1.25
Coesione efficace	1.25
Coesione non drenata	1.4
Riduzione parametri geotecnici terreno	Si

Stratigrafia

StratoCoesione

(kg/cm²)Coesione non drenata

(kg/cm²)Angolo resistenza al taglio

(°)Peso unità di volume

(Kg/m³)

Peso saturo

(Kg/m³)

Litologia

10.1549	1.41	23.2	1898	1931	limo argilloso
20.1760	2.32	24.4	1871	1907	argilla limosa

Muri di sostegno - Caratteristiche geometriche

N° x

(m) y

(m)Base mensola a valle

(m)Base mensola a monte

(m)Altezza muro

(m)Spessore testa

(m)Spessore base

(m)Peso specifico

(Kg/m³)

139.76	414.75	0.5	0.5	2.25	0.25	0.25
2500						
248.48	416.93	0.5	0.5	2.25	0.25	0.25
2500						
318.25	411.35	0.5	0.5	2.25	0.25	0.25
2500						
4 67.5	419.2	0.3	0.3	2	0.3	0.3
2500						

Carichi distribuiti

N° xi

(m) yi

(m) xf

(m) yf

(m)Carico esterno

(kg/cm²)

150.95	419.27	60.95	419.27	0.8
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Risultati analisi pendio [A2+M2+R2]

Fs minimo individuato1.32

Ascissa centro superficie40.02 m

Ordinata centro superficie433.43 m

Raggio superficie 23.54 m

xc = 17.042 yc = 432.688 Rc = 21.736 Fs=3.858

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	1.46 18.9	-8.4 0.0	1.48 422.9	329.05 620.5	36.26	18.13	0.12
2	1.46 18.9	-4.5 0.0	1.46 831.5	777.93 655.1	85.73	42.86	0.12
3	1.33 18.9	-0.8 0.0	1.33 872.9	864.49 605.2	95.27	47.63	0.12
4	0.89 18.9	2.1 0.0	0.89 2821.6	2843.57 646.0	313.36	156.68	0.12
5	2.16 18.9	6.2 0.0	2.17 10083.6	10230.78 1923.1	1127.43	563.72	0.12
6	1.46 18.9	11.0 0.0	1.49 6164.0	6285.6 1253.7	692.67	346.34	0.12
7	1.46 18.9	14.9 0.0	1.51 5334.2	5450.67 1191.6	600.66	300.33	0.12
8	1.46 18.9	19.0 0.0	1.54 4203.3	4314.09 1103.3	475.41	237.71	0.12
9	1.46 18.9	23.1 0.0	1.59 2719.8	2855.57 980.5	314.68	157.34	0.12
10	1.46 18.9	27.4 0.0	1.64 806.5	1047.02 810.3	115.38	57.69	0.12

xc = 19.595 yc = 431.944 Rc = 22.272 Fs=3.258

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	2.14 18.9	-19.2 0.0	2.27 2180.8	1630.12 1386.9	179.64	89.82	0.12
2	2.14 18.9	-13.4 0.0	2.2 4653.6	4157.55 1637.1	458.16	229.08	0.12
3	1.9 18.9	-8.1 0.0	1.92 5324.0	5052.24 1562.5	556.76	278.38	0.12
4	0.89 18.9	-4.5 0.0	0.9 5027.8	4930.83 1047.2	543.38	271.69	0.12
5	3.63 18.9	1.3 0.0	3.64 26952.9	27063.73 5064.0	2982.42	1491.21	0.12
6	2.14 18.9	8.8 0.0	2.17 14919.6	15183.68 2907.5	1673.24	836.62	0.12
7	2.14 18.9	14.4 0.0	2.21 13331.4	13581.67 2780.6	1496.7	748.35	0.12
8	2.14 18.9	20.2 0.0	2.28 10903.1	11066.7 2577.6	1219.55	609.78	0.12
9	2.14 18.9	26.2 0.0	2.39 7410.7	7542.47 2258.3	831.18	415.59	0.12

102.14	32.6	2.54	2851.72	314.26	157.13	0.12
18.9	0.0	2445.7	1742.9			

xc = 22.148 yc = 432.688 Rc = 23.196 Fs=3.415

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	2.27 18.9	-19.8 0.0	2.41 2500.1	1894.56 1435.3	208.78	104.39	0.12
2	1.97 18.9	-14.3 0.0	2.03 4555.0	4059.23 1479.1	447.33	223.66	0.12
3	0.89 18.9	-10.7 0.0	0.91 4933.5	4665.08 1007.5	514.09	257.05	0.12
4	3.94 18.9	-4.7 0.0	3.95 30744.3	30200.7 5442.2	3328.12	1664.06	0.12
5	2.27 18.9	3.0 0.0	2.27 17767.8	17908.45 3133.0	1973.51	986.76	0.12
6	2.27 18.9	8.7 0.0	2.29 16873.9	17137.95 3066.0	1888.6	944.3	0.12
7	2.27 18.9	14.4 0.0	2.34 15127.5	15358.85 2933.4	1692.55	846.27	0.12
8	2.27 18.9	20.3 0.0	2.42 12400.5	12514.48 2714.1	1379.1	689.55	0.12
9	2.27 18.9	26.4 0.0	2.53 8484.1	8543.83 2371.2	941.53	470.77	0.12
10	2.27 18.9	32.9 0.0	2.7 2872.3	3238.08 1810.8	356.84	178.42	0.12

xc = 27.255 yc = 432.688 Rc = 23.316 Fs=20.00

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	0.45 18.9	-23.2 0.0	0.49 -1582.7	2271.08 -10277.6	250.27	125.14	0.12
2	0.02 18.9	-22.4 0.0	0.02 -82.4	58.81 -382.9	6.48	3.24	0.12
3	7.5 18.9	-13.0 0.0	7.7 -21389.9	52558.8 -334276.3	5791.98	2895.99	0.12
4	2.66 18.9	-0.2 0.0	2.66 16581.0	22261.29 -1323318.0	2453.2	1226.6	0.12
5	2.66 18.9	6.3 0.0	2.68 80885.1	21876.67 -535522.1	2410.81	1205.41	0.12
6	2.66 18.9	12.9 0.0	2.73 20349.0	19909.02 354.3	2193.97	1096.99	0.12
7	2.11 18.9	19.0 0.0	2.24 13973.2	13290.26 266.6	1464.59	732.29	0.12

8	2.9	25.8	3.21	14330.44	1579.22	789.61	0.12
	18.9	0.0	15759.9	347.4			
9	0.95	31.1	1.11	5703.08	628.48	314.24	0.12
	18.9	0.0	6586.1	141.3			
104.68		39.9	6.1	19716.62	2172.77	1086.39	0.12
	18.9	0.0	25265.0	705.5			

xc = 29.808 yc = 431.944 Rc = 20.247 Fs=24.00

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	2.22	-21.8	2.39	2138.03	235.61	117.81	0.12
	18.9	0.0	2310.6	22.3			
2	2.22	-15.2	2.3	5477.28	603.6	301.8	0.12
	18.9	0.0	5681.8	27.5			
3	2.22	-8.7	2.25	7672.51	845.51	422.76	0.12
	18.9	0.0	7766.7	30.4			
4	2.22	-2.4	2.22	8803.55	970.15	485.08	0.12
	18.9	0.0	8812.6	31.9			
5	2.22	3.9	2.22	8904.07	981.23	490.61	0.12
	18.9	0.0	8922.5	32.2			
6	2.22	10.2	2.26	7969.95	878.29	439.14	0.12
	18.9	0.0	8093.4	31.3			
7	1.4	15.5	1.46	4053.01	446.64	223.32	0.12
	18.9	0.0	4200.7	18.6			
8	2.9	22.0	3.12	6160.09	678.84	339.42	0.12
	18.9	0.0	6629.1	36.6			
9	0.95	27.9	1.07	3296.23	363.25	181.62	0.12
	18.9	0.0	3723.0	16.3			
103.63		35.8	4.47	10064.66	1109.13	554.56	0.12
	18.9	0.0	12365.9	66.7			

xc = 32.361 yc = 432.688 Rc = 20.317 Fs=3.101

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	2.01	-18.0	2.11	1441.64	158.87	79.43	0.12
	18.9	0.0	1926.5	1332.7			
2	2.01	-12.1	2.05	3675.0	404.98	202.49	0.12
	18.9	0.0	4085.2	1561.2			
3	2.01	-6.3	2.02	5096.98	561.69	280.84	0.12
	18.9	0.0	5314.3	1684.1			
4	2.01	-0.6	2.01	5746.68	633.28	316.64	0.12
	18.9	0.0	5766.6	1728.0			
5	2.78	6.1	2.8	7658.54	843.97	421.99	0.12
	18.9	0.0	7452.7	2343.1			

6	1.23	11.9	1.26	3044.26	335.48	167.74	0.12
	18.9	0.0	2902.7	1011.8			
7	1.66	16.1	1.73	3934.39	433.57	216.78	0.12
	18.9	0.0	3713.8	1375.0			
8	0.95	19.9	1.01	4131.55	455.3	227.65	0.12
	18.9	0.0	4025.8	1082.3			
9	0.05	21.2	0.05	198.93	21.92	10.96	0.12
	18.9	0.0	193.4	55.1			
	105.37	30.3	6.22	18847.46	2076.99	1038.5	0.12
	18.9	0.0	18641.4	6322.0			

xc = 34.914 yc = 431.944 Rc = 20.113 Fs=2.29

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	2.19	-21.8	2.36	2091.32	230.46	115.23	0.12
	18.9	0.0	3088.1	2249.9			
2	2.19	-15.2	2.27	5360.68	590.75	295.37	0.12
	18.9	0.0	6262.4	2695.7			
3	2.19	-8.8	2.22	7517.32	828.41	414.2	0.12
	18.9	0.0	8054.3	2923.0			
4	2.98	-1.4	2.98	11848.86	1305.74	652.87	0.12
	18.9	0.0	11951.8	4081.9			
5	1.41	4.9	1.42	5937.24	654.28	327.14	0.12
	18.9	0.0	5791.8	1967.2			
6	1.48	9.0	1.5	6622.62	729.81	364.91	0.12
	18.9	0.0	6368.6	2147.2			
7	0.95	12.5	0.97	6439.71	709.66	354.83	0.12
	18.9	0.0	6208.7	1788.8			
8	0.05	14.0	0.05	327.7	36.11	18.06	0.12
	18.9	0.0	315.3	92.8			
9	0.03	13.6	0.03	284.28	31.33	15.66	0.12
	18.9	0.0	275.2	73.6			
	108.45	27.9	9.57	46631.04	5138.74	2569.37	0.12
	18.9	0.0	45182.3	16220.9			

xc = 37.467 yc = 432.688 Rc = 23.122 Fs=1.431

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	3.2	-30.2	3.7	6389.17	704.09	352.04	0.12
	18.9	0.0	11556.2	8285.7			
2	3.2	-21.3	3.43	16173.65	1782.34	891.17	0.12
	18.9	0.0	21126.5	10345.7			
3	3.2	-13.0	3.28	22708.12	2502.44	1251.22	0.12
	18.9	0.0	25806.6	11110.3			

4	2.04	-6.4	2.05	16517.4	1820.22	910.11	0.12
	18.9	0.0	17421.5	7183.7			
5	2.9	-0.3	2.9	26125.99	2879.08	1439.54	0.12
	18.9	0.0	26174.3	10530.9			
6	0.95	4.5	0.95	11332.75	1248.87	624.43	0.12
	18.9	0.0	11039.2	4173.3			
7	0.05	5.4	0.05	592.89	65.34	32.67	0.12
	18.9	0.0	574.9	218.4			
8	0.03	5.9	0.03	459.94	50.69	25.34	0.12
	18.9	0.0	445.7	163.5			
9	8.69	17.2	9.1	108373.7	11942.79	5971.39	0.12
	18.9	0.0	101487.7	40436.4			
107.72		41.5	10.3	103278.4	11381.28	5690.64	0.12
	18.9	0.0	102361.2	53535.6			

xc = 40.021 yc = 431.944 Rc = 17.289 Fs=20.00

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	0.46	-1.6	0.46	2227.54	245.48	122.74	0.12
	18.9	0.0	-1499.0	-129925.7			
2	0.05	-0.5	0.05	115.26	12.7	6.35	0.12
	18.9	0.0	-145.3	-28456.6			
3	0.03	-0.8	0.03	144.56	15.93	7.97	0.12
	18.9	0.0	-97.7	-17486.1			
4	4.42	6.8	4.45	18060.19	1990.23	995.12	0.12
	18.9	0.0	18141.6	394.1			
5	1.24	16.4	1.29	3706.38	408.44	204.22	0.12
	18.9	0.0	3834.1	101.4			
6	1.24	20.7	1.33	2727.57	300.58	150.29	0.12
	18.9	0.0	2882.2	93.8			
7	1.78	26.2	1.99	3890.54	428.74	214.37	0.12
	18.9	0.0	4271.2	145.9			
8	0.7	30.8	0.81	2763.36	304.52	152.26	0.12
	18.9	0.0	3177.0	81.4			
9	0.88	33.9	1.06	2681.11	295.46	147.73	0.12
	18.9	0.0	3177.9	96.8			
10	1.6	39.1	2.06	7378.64	813.13	406.56	0.12
	18.9	0.0	9353.7	247.5			

xc = 42.574 yc = 432.688 Rc = 18.50 Fs=20.00

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	0.98	-10.3	0.99	2518.84	277.58	138.79	0.12
	18.9	0.0	-2779.3	-29828.1			

2	0.05	-8.3	0.05	139.56	15.38	7.69	0.12
	18.9	0.0	-130.6	-1889.8			
3	0.03	-8.8	0.03	160.98	17.74	8.87	0.12
	18.9	0.0	-77.8	-1569.7			
4	5.52	0.1	5.52	28744.86	3167.68	1583.84	0.12
	18.9	0.0	31617.4	-1856768.0			
5	1.65	11.3	1.68	7494.65	825.91	412.96	0.12
	18.9	0.0	7610.8	159.4			
6	1.52	16.3	1.58	7992.53	880.78	440.39	0.12
	18.9	0.0	8281.4	166.8			
7	1.58	21.4	1.7	11241.31	1238.79	619.4	0.12
	18.9	0.0	11994.1	222.6			
8	1.84	27.2	2.07	18372.84	2024.69	1012.34	0.12
	18.9	0.0	20499.9	359.5			
9	1.65	33.5	1.97	19269.88	2123.54	1061.77	0.12
	18.9	0.0	22883.5	411.5			
101.65		39.9	2.15	14645.61	1613.95	806.97	0.12
	18.9	0.0	18833.0	396.0			

xc = 45.127 yc = 431.944 Rc = 18.359 Fs=20.00

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	0.72	-18.2	0.76	2439.62	268.85	134.42	0.12
	18.9	0.0	-2717.1	-16919.0			
2	0.05	-16.8	0.05	141.5	15.59	7.8	0.12
	18.9	0.0	-186.0	-1154.4			
3	0.03	-16.5	0.03	162.66	17.93	8.96	0.12
	18.9	0.0	-122.1	-1026.5			
4	6.92	-5.8	6.95	42904.13	4728.04	2364.02	0.12
	18.9	0.0	-23518.0	-657161.9			
5	1.77	7.9	1.79	12967.75	1429.05	714.52	0.12
	18.9	0.0	13060.9	225.3			
6	1.58	13.2	1.62	15493.5	1707.38	853.69	0.12
	18.9	0.0	15857.0	255.1			
7	2.44	19.8	2.6	34032.43	3750.37	1875.19	0.12
	18.9	0.0	35986.0	551.1			
8	1.93	27.3	2.17	28691.23	3161.77	1580.89	0.12
	18.9	0.0	32039.4	512.9			
9	1.93	34.3	2.34	24422.04	2691.31	1345.65	0.12
	18.9	0.0	29266.0	521.8			
101.93		42.0	2.6	18067.5	1991.04	995.52	0.12
	18.9	0.0	23969.6	513.1			

xc = 47.68 yc = 432.688 Rc = 15.695 Fs=1.33

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
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1	0.72	2.0	0.72	2945.41	324.58	162.29	0.12
	18.9	0.0	2888.5	1703.2			
2	0.91	7.2	0.91	3572.15	393.65	196.83	0.12
	18.9	0.0	3340.1	2069.6			
3	0.54	9.9	0.55	2031.89	223.91	111.96	0.12
	18.9	0.0	1855.2	1205.8			
4	0.72	12.3	0.74	5951.79	655.89	327.94	0.12
	18.9	0.0	5538.2	2599.7			
5	0.72	15.0	0.75	8091.02	891.63	445.82	0.12
	18.9	0.0	7528.3	3276.9			
6	0.72	17.7	0.76	7799.57	859.51	429.76	0.12
	18.9	0.0	7204.9	3230.2			
7	0.72	20.6	0.77	7455.2	821.56	410.78	0.12
	18.9	0.0	6844.6	3182.7			
8	0.72	23.4	0.79	7055.03	777.46	388.73	0.12
	18.9	0.0	6443.8	3130.2			
9	0.72	26.3	0.81	6595.63	726.84	363.42	0.12
	18.9	0.0	5995.2	3074.6			
100	0.72	29.3	0.83	5272.64	581.05	290.52	0.12
	18.9	0.0	4708.7	2731.1			

xc = 50.233 yc = 431.944 Rc = 12.944 Fs=3.959

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	0.4	-8.2	0.4	70.21	7.74	3.87	0.12
	18.9	0.0	94.2	163.4			
2	0.4	-4.8	0.4	106.7	11.76	5.88	0.12
	18.9	0.0	120.9	164.1			
3	0.4	-3.1	0.4	133.66	14.73	7.36	0.12
	18.9	0.0	142.8	165.7			
4	0.38	-1.5	0.38	143.51	15.81	7.91	0.12
	18.9	0.0	147.6	158.5			
5	0.42	0.4	0.42	163.77	18.05	9.02	0.12
	18.9	0.0	162.5	174.6			
6	0.4	2.2	0.4	149.11	16.43	8.22	0.12
	18.9	0.0	142.7	165.5			
7	0.4	4.0	0.4	3190.42	351.58	175.79	0.12
	18.9	0.0	3164.8	480.9			
8	0.4	5.7	0.4	3310.46	364.81	182.41	0.12
	18.9	0.0	3277.8	494.3			
9	0.4	7.5	0.4	3275.0	360.91	180.45	0.12
	18.9	0.0	3238.9	492.6			
10	0.4	9.3	0.41	2429.82	267.77	133.88	0.12
	18.9	0.0	2396.4	406.9			

xc = 52.787 yc = 432.688 Rc = 15.125 Fs=2.396

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm ²)
1	1.6	-13.7	1.65	3719.24	409.86	204.93	0.12
	18.9	0.0	4255.7	1805.6			
2	0.62	-9.0	0.63	1723.34	189.91	94.96	0.12
	18.9	0.0	1857.6	719.4			
3	1.11	-5.7	1.12	10497.33	1156.81	578.4	0.12
	18.9	0.0	10802.3	2561.0			
4	1.11	-1.5	1.11	12365.75	1362.71	681.35	0.12
	18.9	0.0	12442.0	2827.7			
5	1.11	2.8	1.11	12338.61	1359.71	679.86	0.12
	18.9	0.0	12217.2	2792.1			
6	1.11	7.0	1.12	12137.42	1337.54	668.77	0.12
	18.9	0.0	11892.7	2757.9			
7	1.11	11.3	1.14	11758.99	1295.84	647.92	0.12
	18.9	0.0	11457.7	2724.0			
8	1.11	15.6	1.16	11196.64	1233.87	616.94	0.12
	18.9	0.0	10902.3	2688.0			
9	1.11	20.1	1.19	10440.15	1150.51	575.25	0.12
	18.9	0.0	10206.3	2648.2			
10	1.11	24.6	1.22	8674.3	955.91	477.95	0.12
	18.9	0.0	8522.8	2444.7			

xc = 55.34 yc = 431.944 Rc = 15.961 Fs=4.009

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm ²)
1	1.62	-22.2	1.75	6207.72	684.09	342.05	0.12
	18.9	0.0	7270.8	1505.4			
2	1.67	-16.0	1.74	14973.74	1650.11	825.05	0.12
	18.9	0.0	16241.0	2406.2			
3	1.65	-9.9	1.67	22532.87	2483.12	1241.56	0.12
	18.9	0.0	23395.4	3066.0			
4	1.65	-3.9	1.65	23170.8	2553.42	1276.71	0.12
	18.9	0.0	23429.6	3023.5			
5	1.65	2.0	1.65	23263.74	2563.66	1281.83	0.12
	18.9	0.0	23173.1	2991.0			
6	1.65	8.0	1.66	22814.25	2514.13	1257.07	0.12
	18.9	0.0	22625.3	2967.1			
7	1.65	14.0	1.7	21807.45	2403.18	1201.59	0.12
	18.9	0.0	21761.7	2950.4			
8	1.65	20.2	1.75	14506.5	1598.62	799.31	0.12
	18.9	0.0	14663.6	2296.6			
9	1.65	26.6	1.84	4803.65	529.36	264.68	0.12
	18.9	0.0	4785.3	1313.9			
10	1.65	33.5	1.97	1817.35	200.27	100.14	0.12
	18.9	0.0	1586.9	1073.4			

xc = 19.595 yc = 433.432 Rc = 23.459 Fs=3.38

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	2.08 18.9	-16.7 0.0	2.17 1736.6	1327.3 1216.7	146.27	73.13	0.12
2	2.08 18.9	-11.5 0.0	2.12 3723.9	3372.98 1413.6	371.7	185.85	0.12
3	1.44 18.9	-7.1 0.0	1.46 3285.6	3130.79 1048.2	345.01	172.51	0.12
4	0.89 18.9	-4.3 0.0	0.9 4500.8	4418.56 944.4	486.93	243.46	0.12
5	3.89 18.9	1.6 0.0	3.89 26588.8	26715.74 4949.7	2944.07	1472.04	0.12
6	2.08 18.9	8.9 0.0	2.1 13219.0	13451.77 2564.0	1482.39	741.19	0.12
7	2.08 18.9	14.1 0.0	2.14 11751.8	11975.53 2445.5	1319.7	659.85	0.12
8	2.08 18.9	19.4 0.0	2.2 9544.0	9709.36 2258.1	1069.97	534.99	0.12
9	2.08 18.9	24.9 0.0	2.29 6420.4	6576.6 1971.4	724.74	362.37	0.12
102	2.08 18.9	30.6 0.0	2.41 2090.0	2468.87 1529.5	272.07	136.03	0.12

xc = 24.702 yc = 433.432 Rc = 24.119 Fs=24.00

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	2.29 18.9	-20.5 0.0	2.44 2179.3	1991.72 150.9	219.49	109.74	0.12
2	0.89 18.9	-16.5 0.0	0.93 4162.5	3963.34 100.9	436.76	218.38	0.12
3	4.97 18.9	-9.4 0.0	5.04 38229.1	37597.21 735.1	4143.21	2071.61	0.12
4	2.72 18.9	-0.2 0.0	2.72 22728.4	22727.03 418.2	2504.52	1252.26	0.12
5	2.72 18.9	6.3 0.0	2.73 22407.1	22317.27 417.4	2459.36	1229.68	0.12
6	2.72 18.9	12.9 0.0	2.79 20698.0	20266.71 405.6	2233.39	1116.7	0.12
7	2.72 18.9	19.6 0.0	2.88 17374.8	16487.62 379.2	1816.94	908.47	0.12
8	1.78 18.9	25.4 0.0	1.97 8545.5	7808.33 222.6	860.48	430.24	0.12
9	2.9 18.9	31.8 0.0	3.41 8726.8	7562.71 317.9	833.41	416.71	0.12

103.48	41.3	4.63	13250.05	1460.16	730.08	0.12
18.9	0.0	17254.0	581.3			

xc = 27.255 yc = 434.176 Rc = 22.304 Fs=7.962

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	1.86	-19.9	1.97	1343.94	148.1	74.05	0.12
	18.9	0.0	1592.5	479.8			
2	1.86	-14.9	1.92	3548.14	391.0	195.5	0.12
	18.9	0.0	3819.3	575.6			
3	1.86	-10.0	1.89	5147.21	567.22	283.61	0.12
	18.9	0.0	5337.4	637.7			
4	1.86	-5.2	1.86	6174.71	680.45	340.23	0.12
	18.9	0.0	6260.9	674.5			
5	1.86	-0.4	1.86	6649.58	732.78	366.39	0.12
	18.9	0.0	6654.6	690.7			
6	1.86	4.4	1.86	6578.6	724.96	362.48	0.12
	18.9	0.0	6545.3	688.1			
7	1.86	9.2	1.88	5957.02	656.46	328.23	0.12
	18.9	0.0	5928.1	666.2			
8	1.86	14.1	1.91	4767.73	525.4	262.7	0.12
	18.9	0.0	4763.8	622.4			
9	1.86	19.1	1.96	2980.23	328.42	164.21	0.12
	18.9	0.0	2973.2	550.7			
10	1.86	24.2	2.04	859.93	94.76	47.38	0.12
	18.9	0.0	754.4	459.5			

xc = 29.808 yc = 433.432 Rc = 21.311 Fs=24.00

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	2.14	-18.7	2.26	1699.02	187.23	93.62	0.12
	18.9	0.0	1724.5	-215.8			
2	2.14	-12.7	2.19	4339.07	478.17	239.08	0.12
	18.9	0.0	4390.6	-261.1			
3	2.14	-6.9	2.15	6039.94	665.6	332.8	0.12
	18.9	0.0	6049.2	-288.3			
4	2.14	-1.1	2.14	6850.52	754.93	377.46	0.12
	18.9	0.0	6846.0	-301.6			
5	2.14	4.7	2.14	6789.26	748.18	374.09	0.12
	18.9	0.0	6836.2	-302.8			
6	2.14	10.5	2.17	5848.09	644.46	322.23	0.12
	18.9	0.0	5999.9	-291.6			
7	1.17	15.0	1.22	2468.93	272.08	136.04	0.12
	18.9	0.0	2594.8	-149.8			

8	2.9	20.8	3.1	4253.81	468.77	234.39	0.12
	18.9	0.0	4675.9	-351.4			
9	0.95	26.4	1.06	2768.44	305.08	152.54	0.12
	18.9	0.0	3163.2	-161.5			
103.53		33.5	4.23	8681.15	956.66	478.33	0.12
	18.9	0.0	10771.4	-647.3			

xc = 32.361 yc = 434.176 Rc = 21.628 Fs=3.187

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	2.01	-16.2	2.09	1297.9	143.03	71.51	0.12
	18.9	0.0	1697.3	1242.9			
2	2.01	-10.7	2.04	3301.52	363.83	181.91	0.12
	18.9	0.0	3628.1	1446.2			
3	2.01	-5.3	2.01	4556.42	502.12	251.06	0.12
	18.9	0.0	4720.3	1556.3			
4	2.01	0.0	2.01	5091.9	561.13	280.56	0.12
	18.9	0.0	5091.3	1593.5			
5	2.54	6.1	2.56	6137.8	676.39	338.19	0.12
	18.9	0.0	5963.8	1975.0			
6	1.47	11.4	1.5	3202.87	352.96	176.48	0.12
	18.9	0.0	3046.7	1114.4			
7	1.43	15.4	1.48	3017.47	332.53	166.26	0.12
	18.9	0.0	2838.7	1096.7			
8	0.95	18.7	1.0	3952.21	435.53	217.77	0.12
	18.9	0.0	3846.3	1017.0			
9	0.05	19.9	0.05	190.69	21.01	10.51	0.12
	18.9	0.0	185.2	51.8			
10	5.6	28.6	6.38	19094.95	2104.26	1052.13	0.12
	18.9	0.0	18803.7	6156.5			

xc = 34.914 yc = 433.432 Rc = 21.431 Fs=24.00

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	2.45	-19.8	2.6	2379.89	262.26	131.13	0.12
	18.9	0.0	2445.5	-247.5			
2	2.45	-12.9	2.51	5987.59	659.83	329.92	0.12
	18.9	0.0	6075.2	-305.6			
3	2.45	-6.3	2.46	8184.05	901.88	450.94	0.12
	18.9	0.0	8196.5	-338.0			
4	2.12	-0.2	2.12	7808.01	860.44	430.22	0.12
	18.9	0.0	7807.2	-303.7			
5	2.9	6.6	2.91	11747.59	1294.59	647.29	0.12
	18.9	0.0	11876.3	-443.2			

6	2.34	13.7	2.4	21368.97	2354.86	1177.43	0.12
	18.9	0.0	22140.8	-623.3			
7	2.45	20.4	2.61	16752.73	1846.15	923.08	0.12
	18.9	0.0	18074.2	-576.8			
8	2.45	27.6	2.76	11670.55	1286.1	643.05	0.12
	18.9	0.0	13408.0	-518.6			
9	2.45	35.3	3.0	6862.16	756.21	378.1	0.12
	18.9	0.0	8679.0	-470.0			
102.45		43.9	3.4	5870.27	646.9	323.45	0.12
	18.9	0.0	8534.5	-567.1			

xc = 37.467 yc = 434.176 Rc = 19.633 Fs=20.00

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	0.94	5.3	0.94	2257.8	248.81	124.4	0.12
	18.9	0.0	2261.6	65.1			
2	0.67	7.7	0.67	2787.63	307.2	153.6	0.12
	18.9	0.0	2804.7	60.3			
3	0.8	9.9	0.81	3186.79	351.18	175.59	0.12
	18.9	0.0	3222.3	71.5			
4	0.8	12.2	0.82	2948.5	324.92	162.46	0.12
	18.9	0.0	3002.2	69.8			
5	0.8	14.6	0.83	2656.74	292.77	146.39	0.12
	18.9	0.0	2728.7	67.6			
6	0.8	17.1	0.84	2309.87	254.55	127.27	0.12
	18.9	0.0	2397.4	64.9			
7	0.8	19.5	0.85	1905.78	210.02	105.01	0.12
	18.9	0.0	2001.6	61.6			
8	0.8	22.1	0.87	1442.05	158.91	79.46	0.12
	18.9	0.0	1534.4	57.5			
9	0.8	24.6	0.88	915.58	100.9	50.45	0.12
	18.9	0.0	985.1	52.5			
10	0.8	27.2	0.9	322.67	35.56	17.78	0.12
	18.9	0.0	341.6	46.3			

xc = 40.021 yc = 433.432 Rc = 23.538 Fs=1.323

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	3.17	-28.9	3.62	5961.67	656.98	328.49	0.12
	18.9	0.0	10926.5	8521.1			
2	3.17	-20.4	3.38	15117.73	1665.97	832.99	0.12
	18.9	0.0	19825.0	10622.4			
3	2.48	-13.2	2.55	16239.46	1789.59	894.79	0.12
	18.9	0.0	18704.6	8910.7			

4	2.9	-6.5	2.91	23450.97	2584.3	1292.15	0.12
	18.9	0.0	24854.8	11070.4			
5	0.95	-1.8	0.95	10842.01	1194.79	597.39	0.12
	18.9	0.0	10988.7	4482.9			
6	0.05	-0.4	0.05	572.32	63.07	31.53	0.12
	18.9	0.0	573.9	234.6			
7	0.03	-0.6	0.03	446.63	49.22	24.61	0.12
	18.9	0.0	448.4	176.5			
8	8.69	10.4	8.83	113374.2	12493.84	6246.92	0.12
	18.9	0.0	107333.0	44005.8			
9	1.58	23.3	1.72	22395.18	2467.95	1233.97	0.12
	18.9	0.0	20770.5	9134.7			
108.66		39.1	11.16	134300.5	14799.92	7399.96	0.12
	18.9	0.0	130022.7	68229.6			

xc = 42.574 yc = 434.176 Rc = 21.981 Fs=1.336

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	1.89	-20.3	2.01	1417.03	156.16	78.08	0.12
	18.9	0.0	2637.0	3252.1			
2	2.9	-13.7	2.98	8009.17	882.61	441.31	0.12
	18.9	0.0	9793.5	6517.3			
3	0.95	-8.6	0.96	6199.34	683.17	341.58	0.12
	18.9	0.0	6747.4	3179.3			
4	0.05	-6.9	0.05	333.11	36.71	18.35	0.12
	18.9	0.0	355.7	166.7			
5	0.03	-7.4	0.03	288.86	31.83	15.92	0.12
	18.9	0.0	308.5	133.1			
6	8.69	4.3	8.71	80005.3	8816.58	4408.29	0.12
	18.9	0.0	77709.3	33708.5			
7	1.58	17.9	1.66	17977.97	1981.17	990.59	0.12
	18.9	0.0	16641.1	7325.1			
8	3.63	25.3	4.01	56509.09	6227.3	3113.65	0.12
	18.9	0.0	52721.9	22887.4			
9	2.46	34.4	2.99	34659.79	3819.51	1909.76	0.12
	18.9	0.0	32817.9	16276.2			
102.46		42.7	3.35	24637.52	2715.05	1357.53	0.12
	18.9	0.0	23427.2	14886.7			

xc = 45.127 yc = 433.432 Rc = 21.653 Fs=20.00

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	0.26	-25.6	0.29	33.71	3.72	1.86	0.12
	18.9	0.0	-1000.5	-2400.5			

2	2.9	-21.1	3.1	5823.82	641.78	320.89	0.12
	18.9	0.0	-10070.9	-45368.6			
3	0.95	-15.7	0.98	5943.17	654.94	327.47	0.12
	18.9	0.0	-2702.1	-32868.8			
4	0.05	-14.2	0.05	325.75	35.9	17.95	0.12
	18.9	0.0	-135.9	-1926.2			
5	0.03	-14.0	0.03	284.33	31.33	15.67	0.12
	18.9	0.0	-82.2	-1556.2			
6	8.69	-2.5	8.7	87630.74	9656.91	4828.45	0.12
	18.9	0.0	13603.7	-1668600.0			
7	1.58	11.2	1.61	21235.37	2340.14	1170.07	0.12
	18.9	0.0	99444.6	-401343.0			
8	6.18	22.2	6.67	112193.6	12363.74	6181.87	0.12
	18.9	0.0	120477.7	1784.5			
9	2.58	35.2	3.16	37835.07	4169.43	2084.71	0.12
	18.9	0.0	45846.7	801.0			
102.58		44.2	3.6	23285.25	2566.04	1283.02	0.12
	18.9	0.0	31960.0	716.3			

xc = 47.68 yc = 434.176 Rc = 16.602 Fs=1.533

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	0.64	3.2	0.64	1891.83	208.48	104.24	0.12
	18.9	0.0	1833.1	1111.2			
2	0.64	6.1	0.64	1838.8	202.64	101.32	0.12
	18.9	0.0	1733.0	1091.4			
3	0.34	7.8	0.35	962.31	106.05	53.02	0.12
	18.9	0.0	892.5	581.8			
4	0.93	10.1	0.94	3133.64	345.33	172.66	0.12
	18.9	0.0	2883.4	1713.5			
5	0.64	12.8	0.65	6557.57	722.64	361.32	0.12
	18.9	0.0	6203.1	2355.1			
6	0.64	15.1	0.66	6367.29	701.68	350.84	0.12
	18.9	0.0	5989.5	2325.5			
7	0.64	17.4	0.67	6144.33	677.1	338.55	0.12
	18.9	0.0	5753.1	2294.1			
8	0.64	19.7	0.68	5887.48	648.8	324.4	0.12
	18.9	0.0	5491.5	2260.3			
9	0.64	22.0	0.69	5595.48	616.62	308.31	0.12
	18.9	0.0	5202.3	2222.7			
100.64		24.4	0.7	4466.46	492.2	246.1	0.12
	18.9	0.0	4098.5	1950.9			

xc = 50.233 yc = 433.432 Rc = 15.649 Fs=1.91

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
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1	0.82	-5.7	0.83	2104.2	231.88	115.94	0.12
	18.9	0.0	2225.9	1130.2			
2	0.78	-1.9	0.79	2094.55	230.82	115.41	0.12
	18.9	0.0	2131.1	1070.8			
3	0.87	1.2	0.87	2540.71	279.99	139.99	0.12
	18.9	0.0	2516.7	1215.8			
4	0.82	4.2	0.83	8758.94	965.24	482.62	0.12
	18.9	0.0	8598.1	2502.6			
5	0.82	7.3	0.83	8628.84	950.9	475.45	0.12
	18.9	0.0	8385.8	2473.3			
6	0.82	10.3	0.84	8428.87	928.86	464.43	0.12
	18.9	0.0	8129.7	2443.2			
7	0.82	13.4	0.85	8157.41	898.95	449.47	0.12
	18.9	0.0	7826.8	2411.6			
8	0.82	16.6	0.86	7811.85	860.87	430.43	0.12
	18.9	0.0	7472.1	2378.0			
9	0.82	19.7	0.88	7388.97	814.26	407.13	0.12
	18.9	0.0	7059.7	2339.7			
100.82		23.0	0.9	6084.31	670.49	335.25	0.12
	18.9	0.0	5784.6	2110.8			

xc = 52.787 yc = 434.176 Rc = 17.531 Fs=2.182

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	1.63	-11.3	1.66	6769.56	746.01	373.0	0.12
	18.9	0.0	7408.8	2576.7			
2	1.06	-7.0	1.07	6639.67	731.69	365.85	0.12
	18.9	0.0	6941.5	2051.3			
3	1.34	-3.1	1.34	17193.84	1894.76	947.38	0.12
	18.9	0.0	17447.2	4211.8			
4	1.34	1.3	1.34	17253.04	1901.29	950.64	0.12
	18.9	0.0	17163.6	4152.2			
5	1.34	5.7	1.35	17045.34	1878.4	939.2	0.12
	18.9	0.0	16723.5	4092.7			
6	1.34	10.1	1.36	16566.82	1825.66	912.83	0.12
	18.9	0.0	16119.9	4031.6			
7	1.34	14.6	1.39	15813.38	1742.64	871.32	0.12
	18.9	0.0	15341.4	3966.5			
8	1.34	19.2	1.42	14774.06	1628.1	814.05	0.12
	18.9	0.0	14364.0	3893.6			
9	1.34	23.9	1.47	13422.91	1479.2	739.6	0.12
	18.9	0.0	13141.9	3806.1			
101.34		28.8	1.53	4065.36	448.0	224.0	0.12
	18.9	0.0	3683.5	1985.1			

xc = 55.34 yc = 433.432 Rc = 16.536 Fs=4.377

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm ²)
1	1.6	-21.2	1.72	3510.14	386.82	193.41	0.12
	18.9	0.0	4143.7	1043.2			
2	1.45	-15.8	1.51	9549.77	1052.39	526.19	0.12
	18.9	0.0	10346.6	1543.8			
3	1.53	-10.5	1.55	18089.97	1993.52	996.76	0.12
	18.9	0.0	18825.8	2336.0			
4	1.53	-5.2	1.53	18697.65	2060.48	1030.24	0.12
	18.9	0.0	18981.7	2314.0			
5	1.53	0.1	1.53	18895.25	2082.26	1041.13	0.12
	18.9	0.0	18890.3	2294.0			
6	1.53	5.4	1.53	18683.14	2058.88	1029.44	0.12
	18.9	0.0	18552.1	2274.7			
7	1.53	10.8	1.55	18049.87	1989.1	994.55	0.12
	18.9	0.0	17952.6	2255.0			
8	1.53	16.2	1.59	16989.6	1872.25	936.13	0.12
	18.9	0.0	17070.1	2233.3			
9	1.53	21.8	1.64	5124.46	564.72	282.36	0.12
	18.9	0.0	5104.3	1118.2			
10	1.53	27.7	1.72	1230.37	135.59	67.79	0.12
	18.9	0.0	1031.6	770.1			

xc = 24.702 yc = 434.921 Rc = 25.455 Fs=24.00

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm ²)
1	2.19	-19.3	2.32	1698.47	187.17	93.59	0.12
	18.9	0.0	1857.2	175.8			
2	0.89	-15.6	0.93	3797.18	418.45	209.22	0.12
	18.9	0.0	3976.0	123.4			
3	5.17	-8.7	5.22	37889.12	4175.38	2087.69	0.12
	18.9	0.0	38469.9	940.6			
4	2.75	0.3	2.75	22212.55	2447.82	1223.91	0.12
	18.9	0.0	22210.1	521.2			
5	2.75	6.5	2.77	21704.82	2391.87	1195.94	0.12
	18.9	0.0	21787.1	518.7			
6	2.75	12.8	2.82	19584.23	2158.18	1079.09	0.12
	18.9	0.0	19972.5	501.4			
7	2.75	19.3	2.91	15771.69	1738.04	869.02	0.12
	18.9	0.0	16553.7	465.0			
8	1.46	24.3	1.6	6155.82	678.37	339.19	0.12
	18.9	0.0	6664.5	221.3			
9	2.9	29.9	3.34	7926.32	873.48	436.74	0.12
	18.9	0.0	8947.4	393.1			
10	3.9	39.3	5.04	15186.47	1673.55	836.77	0.12
	18.9	0.0	19139.9	782.8			

xc = 27.255 yc = 435.665 Rc = 23.367 Fs=9.201

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	1.63 18.9	-17.0 0.0	1.71 1023.2	884.59 336.6	97.48	48.74	0.12
2	1.63 18.9	-12.8 0.0	1.68 2502.1	2354.62 392.6	259.48	129.74	0.12
3	1.63 18.9	-8.7 0.0	1.65 3547.6	3441.52 430.9	379.26	189.63	0.12
4	1.63 18.9	-4.7 0.0	1.64 4212.2	4160.63 455.0	458.5	229.25	0.12
5	1.63 18.9	-0.7 0.0	1.63 4527.0	4521.04 466.7	498.22	249.11	0.12
6	1.63 18.9	3.3 0.0	1.64 4506.9	4526.34 466.9	498.8	249.4	0.12
7	1.63 18.9	7.3 0.0	1.65 4150.9	4174.64 455.7	460.05	230.02	0.12
8	1.63 18.9	11.4 0.0	1.67 3443.3	3459.03 432.0	381.19	190.59	0.12
9	1.63 18.9	15.5 0.0	1.7 2350.6	2366.36 393.7	260.77	130.39	0.12
10	1.63 18.9	19.8 0.0	1.74 817.4	876.55 337.1	96.6	48.3	0.12

xc = 29.808 yc = 434.921 Rc = 22.374 Fs=9.26

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	1.65 18.9	-15.9 0.0	1.71 977.0	851.88 331.5	93.88	46.94	0.12
2	1.65 18.9	-11.6 0.0	1.68 2361.6	2238.01 383.0	246.63	123.31	0.12
3	1.65 18.9	-7.3 0.0	1.66 3298.4	3219.01 416.9	354.74	177.37	0.12
4	1.65 18.9	-3.1 0.0	1.65 3838.6	3809.89 436.4	419.85	209.93	0.12
5	1.65 18.9	1.2 0.0	1.65 4010.1	4018.28 443.1	442.81	221.41	0.12
6	1.65 18.9	5.4 0.0	1.66 3821.6	3845.6 437.7	423.79	211.89	0.12
7	1.65 18.9	9.7 0.0	1.67 3264.1	3287.21 419.6	362.25	181.13	0.12
8	1.53 18.9	13.8 0.0	1.57 2180.4	2200.87 360.2	242.54	121.27	0.12
9	1.77 18.9	18.2 0.0	1.86 1617.5	1652.33 390.5	182.09	91.04	0.12

101.65	22.9	1.79	678.83	74.81	37.4	0.12
18.9	0.0	604.1	341.2			

xc = 32.361 yc = 435.665 Rc = 22.946 Fs=3.286

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	2.0 18.9	-14.5 0.0	2.06 1480.2	1154.21 1155.0	127.19	63.6	0.12
2	2.0 18.9	-9.4 0.0	2.02 3185.5	2929.23 1332.3	322.8	161.4	0.12
3	2.0 18.9	-4.3 0.0	2.0 4136.4	4017.17 1428.1	442.69	221.35	0.12
4	2.0 18.9	0.7 0.0	2.0 4423.2	4439.76 1457.5	489.26	244.63	0.12
5	2.29 18.9	6.0 0.0	2.3 4623.8	4768.36 1629.6	525.47	262.74	0.12
6	1.7 18.9	11.1 0.0	1.74 3088.5	3256.23 1194.8	358.84	179.42	0.12
7	1.19 18.9	14.8 0.0	1.23 2084.5	2224.4 846.6	245.13	122.56	0.12
8	0.95 18.9	17.6 0.0	0.99 3666.0	3769.31 953.3	415.38	207.69	0.12
9	0.05 18.9	18.7 0.0	0.05 176.7	182.11 48.6	20.07	10.03	0.12
10	5.8 18.9	27.1 0.0	6.51 18829.4	19179.14 5958.3	2113.54	1056.77	0.12

xc = 34.914 yc = 434.921 Rc = 22.749 Fs=24.00

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	2.48 18.9	-18.2 0.0	2.61 2311.5	2234.6 -129.4	246.25	123.13	0.12
2	2.48 18.9	-11.7 0.0	2.53 5698.4	5611.55 -158.8	618.39	309.2	0.12
3	2.48 18.9	-5.4 0.0	2.49 7651.1	7633.83 -175.1	841.25	420.62	0.12
4	1.89 18.9	0.1 0.0	1.89 6366.4	6366.09 -138.2	701.54	350.77	0.12
5	2.9 18.9	6.2 0.0	2.91 10944.5	10856.34 -226.3	1196.37	598.18	0.12
6	0.95 18.9	11.1 0.0	0.97 6052.0	5920.1 -101.9	652.4	326.2	0.12
7	0.05 18.9	12.3 0.0	0.05 309.9	301.66 -5.3	33.24	16.62	0.12

8	0.03	12.0	0.03	267.16	29.44	14.72	0.12
	18.9	0.0	274.1	-4.2			
9	8.69	24.6	9.56	48250.45	5317.2	2658.6	0.12
	18.9	0.0	53505.0	-1014.9			
102.83		41.5	3.78	9786.13	1078.43	539.22	0.12
	18.9	0.0	13324.6	-377.9			

xc = 37.467 yc = 435.665 Rc = 23.246 Fs=1.532

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	2.44	-16.8	2.54	2005.34	220.99	110.49	0.12
	18.9	0.0	3094.0	3448.5			
2	2.44	-10.6	2.48	5024.71	553.72	276.86	0.12
	18.9	0.0	5860.6	4048.8			
3	1.52	-5.7	1.53	4085.35	450.21	225.1	0.12
	18.9	0.0	4371.7	2667.8			
4	2.9	-0.3	2.9	10223.21	1126.6	563.3	0.12
	18.9	0.0	10248.5	5562.1			
5	0.95	4.5	0.95	6113.11	673.66	336.83	0.12
	18.9	0.0	5934.2	2523.8			
6	0.05	5.4	0.05	317.53	34.99	17.5	0.12
	18.9	0.0	306.6	131.6			
7	0.03	5.9	0.03	277.97	30.63	15.32	0.12
	18.9	0.0	268.7	104.9			
8	8.69	17.1	9.09	60600.38	6678.16	3339.08	0.12
	18.9	0.0	56053.4	24986.2			
9	1.58	30.7	1.84	10614.02	1169.67	584.83	0.12
	18.9	0.0	9732.4	5113.6			
103.77		38.9	4.85	34733.89	3827.67	1913.84	0.12
	18.9	0.0	33569.1	17638.4			

xc = 40.021 yc = 434.921 Rc = 24.881 Fs=1.328

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	3.24	-27.5	3.65	5880.81	648.07	324.03	0.12
	18.9	0.0	10442.1	8251.2			
2	3.24	-19.4	3.43	14948.49	1647.32	823.66	0.12
	18.9	0.0	19290.2	10400.7			
3	2.5	-12.5	2.56	15810.91	1742.36	871.18	0.12
	18.9	0.0	18059.9	8661.8			
4	2.9	-6.1	2.91	22682.78	2499.64	1249.82	0.12
	18.9	0.0	23963.1	10741.3			
5	0.95	-1.7	0.95	10576.79	1165.56	582.78	0.12
	18.9	0.0	10712.1	4380.1			

6	0.05	-0.4	0.05	558.27	61.52	30.76	0.12
	18.9	0.0	559.8	229.3			
7	0.03	-0.5	0.03	437.35	48.2	24.1	0.12
	18.9	0.0	439.0	172.9			
8	8.69	9.8	8.82	111273.7	12262.36	6131.18	0.12
	18.9	0.0	105573.5	43189.9			
9	1.58	22.0	1.71	22291.94	2456.57	1228.29	0.12
	18.9	0.0	20683.9	8964.1			
10	9.2	37.4	11.58	142931.8	15751.08	7875.54	0.12
	18.9	0.0	137454.1	69865.6			

xc = 42.574 yc = 435.665 Rc = 23.166 Fs=1.351

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	1.38	-18.5	1.45	674.01	74.28	37.14	0.12
	18.9	0.0	1385.6	2127.4			
2	2.9	-13.0	2.97	6517.5	718.23	359.11	0.12
	18.9	0.0	8010.1	5859.5			
3	0.95	-8.2	0.96	5665.83	624.37	312.19	0.12
	18.9	0.0	6144.8	2954.3			
4	0.05	-6.6	0.05	304.61	33.57	16.78	0.12
	18.9	0.0	324.4	155.2			
5	0.03	-7.0	0.03	270.01	29.76	14.88	0.12
	18.9	0.0	287.3	125.0			
6	8.69	4.1	8.71	74949.49	8259.44	4129.72	0.12
	18.9	0.0	72882.6	31854.0			
7	1.58	16.9	1.65	17222.09	1897.88	948.94	0.12
	18.9	0.0	15968.2	6983.6			
8	3.9	24.3	4.27	59310.81	6536.05	3268.03	0.12
	18.9	0.0	55344.1	23644.3			
9	2.43	33.2	2.91	33134.75	3651.45	1825.73	0.12
	18.9	0.0	31271.2	15195.2			
10	2.43	40.7	3.21	23850.24	2628.3	1314.15	0.12
	18.9	0.0	22527.2	13717.6			

xc = 45.127 yc = 434.921 Rc = 22.85 Fs=1.465

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	2.83	-19.8	3.01	4661.75	513.72	256.86	0.12
	18.9	0.0	6741.9	5263.4			
2	2.31	-13.1	2.38	20960.15	2309.81	1154.9	0.12
	18.9	0.0	23616.1	9283.6			
3	2.57	-6.8	2.59	23111.41	2546.88	1273.44	0.12
	18.9	0.0	24414.9	9555.7			

4	2.57	-0.4	2.57	23981.5	2642.76	1321.38	0.12
	18.9	0.0	24040.5	9364.0			
5	2.26	5.7	2.27	22795.02	2512.01	1256.01	0.12
	18.9	0.0	22058.5	8541.2			
6	1.58	10.6	1.61	20413.33	2249.55	1124.78	0.12
	18.9	0.0	19441.3	7215.2			
7	3.88	17.7	4.08	69449.61	7653.35	3826.67	0.12
	18.9	0.0	65692.5	23708.9			
8	2.57	26.4	2.87	44034.86	4852.64	2426.32	0.12
	18.9	0.0	41879.2	16392.9			
9	2.57	33.9	3.1	36632.36	4036.89	2018.44	0.12
	18.9	0.0	35353.7	15761.9			
102.57		42.2	3.47	20606.43	2270.83	1135.41	0.12
	18.9	0.0	19621.1	12195.5			

xc = 47.68 yc = 435.665 Rc = 17.508 Fs=1.90

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	0.51	2.6	0.51	965.17	106.36	53.18	0.12
	18.9	0.0	938.5	606.4			
2	0.51	5.2	0.52	935.94	103.14	51.57	0.12
	18.9	0.0	885.3	598.0			
3	0.58	7.0	0.58	994.77	109.62	54.81	0.12
	18.9	0.0	921.7	658.1			
4	0.45	8.7	0.46	726.09	80.01	40.01	0.12
	18.9	0.0	657.7	506.6			
5	0.51	10.4	0.52	1768.63	194.9	97.45	0.12
	18.9	0.0	1657.6	780.4			
6	0.51	12.0	0.53	4757.89	524.32	262.16	0.12
	18.9	0.0	4566.4	1431.3			
7	0.51	13.8	0.53	4642.91	511.65	255.82	0.12
	18.9	0.0	4443.1	1416.7			
8	0.51	15.5	0.53	4511.92	497.21	248.61	0.12
	18.9	0.0	4307.8	1401.0			
9	0.51	17.3	0.54	4364.44	480.96	240.48	0.12
	18.9	0.0	4159.6	1384.2			
100.51		19.0	0.54	3400.09	374.69	187.35	0.12
	18.9	0.0	3210.2	1185.3			

xc = 50.233 yc = 434.921 Rc = 16.089 Fs=3.165

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	0.52	-6.1	0.52	276.94	30.52	15.26	0.12
	18.9	0.0	308.8	285.2			

2	0.52	-3.3	0.52	323.81	35.68	17.84	0.12
	18.9	0.0	341.1	287.3			
3	0.56	-1.5	0.56	383.24	42.23	21.12	0.12
	18.9	0.0	391.3	312.1			
4	0.47	0.4	0.47	336.17	37.05	18.52	0.12
	18.9	0.0	334.3	266.5			
5	0.52	2.2	0.52	1566.98	172.68	86.34	0.12
	18.9	0.0	1551.0	444.2			
6	0.52	4.0	0.52	4449.79	490.37	245.18	0.12
	18.9	0.0	4403.7	817.0			
7	0.52	5.8	0.52	4406.23	485.57	242.78	0.12
	18.9	0.0	4346.5	812.5			
8	0.52	7.7	0.52	4346.32	478.96	239.48	0.12
	18.9	0.0	4277.7	807.5			
9	0.52	9.6	0.52	4269.77	470.53	235.26	0.12
	18.9	0.0	4196.6	802.2			
100.52		11.4	0.53	3376.41	372.08	186.04	0.12
	18.9	0.0	3307.9	690.6			

xc = 52.787 yc = 435.665 Rc = 18.121 Fs=2.404

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	1.61	-11.0	1.64	3991.62	439.88	219.94	0.12
	18.9	0.0	4408.0	1798.9			
2	0.77	-7.3	0.77	2203.67	242.84	121.42	0.12
	18.9	0.0	2333.5	884.0			
3	1.19	-4.2	1.19	12539.5	1381.85	690.93	0.12
	18.9	0.0	12786.0	2931.1			
4	1.19	-0.4	1.19	13227.39	1457.66	728.83	0.12
	18.9	0.0	13249.6	3000.8			
5	1.19	3.3	1.19	13159.1	1450.13	725.07	0.12
	18.9	0.0	13008.9	2965.8			
6	1.19	7.1	1.2	12915.05	1423.24	711.62	0.12
	18.9	0.0	12652.5	2926.9			
7	1.19	10.9	1.21	12491.92	1376.61	688.31	0.12
	18.9	0.0	12176.4	2882.6			
8	1.19	14.8	1.23	11883.82	1309.6	654.8	0.12
	18.9	0.0	11568.0	2831.6			
9	1.19	18.7	1.25	11082.29	1221.27	610.63	0.12
	18.9	0.0	10811.1	2769.9			
101.19		22.7	1.29	9274.92	1022.1	511.05	0.12
	18.9	0.0	9071.6	2544.3			

xc = 55.34 yc = 434.921 Rc = 18.689 Fs=4.095

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
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1	1.62	-19.1	1.71	6007.35	662.01	331.0	0.12
	18.9	0.0	6811.3	1382.5			
2	1.77	-13.4	1.82	15781.68	1739.14	869.57	0.12
	18.9	0.0	16788.2	2415.8			
3	1.7	-8.0	1.71	22572.86	2487.53	1243.77	0.12
	18.9	0.0	23212.9	2983.8			
4	1.7	-2.8	1.7	23106.15	2546.3	1273.15	0.12
	18.9	0.0	23278.3	2959.3			
5	1.7	2.4	1.7	23131.79	2549.12	1274.56	0.12
	18.9	0.0	23028.7	2933.1			
6	1.7	7.6	1.71	22651.07	2496.15	1248.07	0.12
	18.9	0.0	22467.8	2904.9			
7	1.7	12.9	1.74	21652.09	2386.06	1193.03	0.12
	18.9	0.0	21572.7	2872.5			
8	1.7	18.3	1.79	11218.97	1236.33	618.17	0.12
	18.9	0.0	11230.4	1872.6			
9	1.7	23.9	1.86	4425.82	487.73	243.86	0.12
	18.9	0.0	4348.9	1215.2			
10	1.7	29.8	1.95	1656.26	182.52	91.26	0.12
	18.9	0.0	1420.5	982.0			

xc = 19.595 yc = 436.409 Rc = 25.773 Fs=3.753

Nr.	B	Alfa	Li	Wi	Kh•Wi	Kv•Wi	c
	Fi	Ui	N'i	Ti			
	m	(°)	m	(Kg)	(Kg)	(Kg)	(kg/cm²)
	(°)	(Kg)	(Kg)	(Kg)			
1	1.83	-11.0	1.87	672.96	74.16	37.08	0.12
	18.9	0.0	846.7	847.9			
2	1.79	-6.9	1.8	1614.86	177.96	88.98	0.12
	18.9	0.0	1735.9	911.4			
3	0.89	-3.9	0.9	3303.6	364.06	182.03	0.12
	18.9	0.0	3360.1	724.8			
4	2.81	0.2	2.81	15742.02	1734.77	867.39	0.12
	18.9	0.0	15730.2	2839.1			
5	1.83	5.4	1.84	10044.77	1106.93	553.47	0.12
	18.9	0.0	9917.5	1824.6			
6	1.83	9.5	1.86	9360.25	1031.5	515.75	0.12
	18.9	0.0	9198.3	1769.0			
7	1.83	13.7	1.89	8202.06	903.87	451.93	0.12
	18.9	0.0	8045.1	1676.8			
8	1.83	17.9	1.93	6548.43	721.64	360.82	0.12
	18.9	0.0	6408.5	1540.5			
9	1.83	22.3	1.98	4366.9	481.23	240.62	0.12
	18.9	0.0	4208.8	1346.7			
10	1.83	26.8	2.05	1611.57	177.6	88.8	0.12
	18.9	0.0	1321.7	1073.1			

xc = 22.148 yc = 437.153 Rc = 27.205 Fs=3.659

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm ²)
1	2.3	-15.6	2.38	1509.46	166.34	83.17	0.12
	18.9	0.0	1898.0	1227.0			
2	1.43	-11.6	1.46	2157.61	237.77	118.88	0.12
	18.9	0.0	2379.2	878.9			
3	0.89	-9.1	0.91	3990.73	439.78	219.89	0.12
	18.9	0.0	4175.1	847.7			
4	4.56	-3.3	4.57	31270.52	3446.01	1723.01	0.12
	18.9	0.0	31637.3	5421.9			
5	2.3	3.9	2.3	16031.92	1766.72	883.36	0.12
	18.9	0.0	15883.1	2726.7			
6	2.3	8.8	2.32	15151.88	1669.74	834.87	0.12
	18.9	0.0	14926.6	2652.7			
7	2.3	13.7	2.36	13380.07	1474.48	737.24	0.12
	18.9	0.0	13177.1	2513.0			
8	2.3	18.8	2.42	10708.59	1180.09	590.04	0.12
	18.9	0.0	10571.5	2295.4			
9	2.3	24.0	2.51	7041.37	775.96	387.98	0.12
	18.9	0.0	6906.8	1966.3			
10	2.3	29.4	2.63	2264.66	249.57	124.78	0.12
	18.9	0.0	1877.5	1470.4			

xc = 29.808 yc = 436.409 Rc = 23.438 Fs=13.53

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm ²)
1	1.37	-12.5	1.4	465.19	51.26	25.63	0.12
	18.9	0.0	514.0	174.1			
2	1.37	-9.1	1.39	1229.43	135.48	67.74	0.12
	18.9	0.0	1275.5	193.9			
3	1.37	-5.7	1.38	1776.6	195.78	97.89	0.12
	18.9	0.0	1805.9	207.4			
4	1.37	-2.3	1.37	2111.33	232.67	116.33	0.12
	18.9	0.0	2121.8	215.6			
5	1.37	1.0	1.37	2236.47	246.46	123.23	0.12
	18.9	0.0	2232.9	218.7			
6	1.37	4.4	1.38	2152.33	237.19	118.59	0.12
	18.9	0.0	2142.1	217.0			
7	1.37	7.8	1.38	1857.01	204.64	102.32	0.12
	18.9	0.0	1845.8	210.2			
8	1.37	11.2	1.4	1346.78	148.41	74.21	0.12
	18.9	0.0	1334.4	198.0			
9	0.88	14.0	0.91	489.74	53.97	26.98	0.12
	18.9	0.0	476.2	117.8			
10	1.86	17.5	1.95	409.59	45.14	22.57	0.12
	18.9	0.0	358.4	236.5			

xc = 32.361 yc = 437.153 Rc = 27.061 Fs=2.067

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	3.35 18.9	-25.4 0.0	3.71 8463.8	5772.96 4822.6	636.18	318.09	0.12
2	3.35 18.9	-17.8 0.0	3.52 17358.4	14704.03 6287.4	1620.38	810.19	0.12
3	3.35 18.9	-10.4 0.0	3.41 22180.9	20571.08 6982.8	2266.93	1133.47	0.12
4	3.35 18.9	-3.3 0.0	3.36 24155.8	23706.0 7235.6	2612.4	1306.2	0.12
5	3.41 18.9	3.9 0.0	3.42 24147.4	24587.48 7285.0	2709.54	1354.77	0.12
6	3.84 18.9	11.7 0.0	3.92 28426.7	29556.43 8662.3	3257.12	1628.56	0.12
7	2.8 18.9	19.0 0.0	2.96 27744.4	28724.7 8093.9	3165.46	1582.73	0.12
8	3.35 18.9	26.1 0.0	3.73 25440.3	26255.86 8628.8	2893.4	1446.7	0.12
9	2.62 18.9	33.4 0.0	3.14 13701.2	14184.3 5968.5	1563.11	781.56	0.12
104.08 18.9		42.6 0.0	5.55 29668.9	28543.84 13436.1	3145.53	1572.77	0.12

xc = 34.914 yc = 436.409 Rc = 24.067 Fs=24.00

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	2.49 18.9	-16.6 0.0	2.6 2157.9	2077.17 -34.0	228.9	114.45	0.12
2	2.49 18.9	-10.5 0.0	2.54 5282.5	5201.66 -41.4	573.22	286.61	0.12
3	2.49 18.9	-4.5 0.0	2.5 7052.3	7034.19 -45.4	775.17	387.58	0.12
4	1.63 18.9	0.4 0.0	1.63 4984.2	4983.8 -30.6	549.21	274.61	0.12
5	2.9 18.9	5.9 0.0	2.91 10018.2	9960.06 -58.1	1097.6	548.8	0.12
6	0.95 18.9	10.5 0.0	0.96 5751.9	5651.53 -26.4	622.8	311.4	0.12
7	0.05 18.9	11.6 0.0	0.05 294.3	288.06 -1.4	31.74	15.87	0.12
8	0.03 18.9	11.4 0.0	0.03 263.6	258.2 -1.1	28.45	14.23	0.12
9	8.69 18.9	23.1 0.0	9.45 51608.2	47364.03 -262.4	5219.52	2609.76	0.12

103.21	39.4	4.16	14314.98	1577.51	788.76	0.12
18.9	0.0	18606.8	-122.5			

xc = 37.467 yc = 437.153 Rc = 24.444 Fs=1.538

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	2.39	-14.5	2.47	1684.28	185.61	92.8	0.12
	18.9	0.0	2535.2	3167.0			
2	3.38	-7.6	3.41	6434.29	709.06	354.53	0.12
	18.9	0.0	7191.4	5262.1			
3	1.41	-2.0	1.41	3725.43	410.54	205.27	0.12
	18.9	0.0	3810.5	2380.4			
4	1.49	1.4	1.49	4839.23	533.28	266.64	0.12
	18.9	0.0	4774.2	2716.9			
5	0.95	4.3	0.95	5586.8	615.67	307.83	0.12
	18.9	0.0	5425.3	2375.8			
6	0.05	5.2	0.05	289.98	31.96	15.98	0.12
	18.9	0.0	280.0	123.9			
7	0.03	5.5	0.03	259.77	28.63	14.31	0.12
	18.9	0.0	251.4	99.8			
8	8.69	16.2	9.05	56565.16	6233.48	3116.74	0.12
	18.9	0.0	52294.9	23675.3			
9	1.58	29.0	1.81	10283.32	1133.22	566.61	0.12
	18.9	0.0	9396.4	4872.3			
103.95		37.0	4.94	36397.45	4011.0	2005.5	0.12
	18.9	0.0	34927.2	17664.1			

xc = 40.021 yc = 436.409 Rc = 23.334 Fs=1.396

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	2.12	-12.8	2.17	1169.66	128.9	64.45	0.12
	18.9	0.0	1848.2	2928.3			
2	2.9	-6.6	2.91	5783.73	637.37	318.68	0.12
	18.9	0.0	6394.7	5020.6			
3	1.58	-1.0	1.58	7122.46	784.9	392.45	0.12
	18.9	0.0	7192.0	3807.0			
4	2.2	3.6	2.2	15948.29	1757.5	878.75	0.12
	18.9	0.0	15542.2	6939.2			
5	2.2	9.1	2.23	14960.27	1648.62	824.31	0.12
	18.9	0.0	14107.7	6610.3			
6	2.2	14.6	2.27	13056.63	1438.84	719.42	0.12
	18.9	0.0	11946.0	6136.9			
7	1.54	19.4	1.63	9665.09	1065.09	532.55	0.12
	18.9	0.0	8729.5	4569.2			

8	1.58	23.5	1.72	12628.02	1391.61	695.8	0.12
	18.9	0.0	11498.5	5697.2			
9	3.47	30.6	4.04	40329.27	4444.29	2222.14	0.12
	18.9	0.0	37734.8	17907.6			
10	2.2	39.0	2.83	20738.26	2285.36	1142.68	0.12
	18.9	0.0	19576.6	11303.6			

xc = 42.574 yc = 437.153 Rc = 24.35 Fs=1.368

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	0.73	-16.8	0.76	169.53	18.68	9.34	0.12
	18.9	0.0	470.1	1014.2			
2	2.9	-12.4	2.96	5007.7	551.85	275.92	0.12
	18.9	0.0	6246.1	5221.1			
3	0.95	-7.8	0.96	5137.3	566.13	283.07	0.12
	18.9	0.0	5555.6	2735.2			
4	0.05	-6.2	0.05	276.03	30.42	15.21	0.12
	18.9	0.0	293.3	143.7			
5	0.03	-6.7	0.03	251.11	27.67	13.84	0.12
	18.9	0.0	266.6	117.1			
6	8.69	3.9	8.71	69889.08	7701.78	3850.89	0.12
	18.9	0.0	68030.9	29989.0			
7	1.58	16.1	1.65	16448.32	1812.61	906.3	0.12
	18.9	0.0	15277.6	6642.9			
8	4.15	23.4	4.52	61577.7	6785.86	3392.93	0.12
	18.9	0.0	57488.6	24178.2			
9	2.38	32.0	2.81	31411.85	3461.59	1730.79	0.12
	18.9	0.0	29572.8	14085.9			
102.38		38.9	3.06	22912.16	2524.92	1262.46	0.12
	18.9	0.0	21530.9	12599.5			

xc = 45.127 yc = 436.409 Rc = 18.982 Fs=1.475

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	0.47	10.0	0.47	1241.99	136.87	68.43	0.12
	18.9	0.0	1122.1	800.5			
2	0.47	12.4	0.48	1164.92	128.37	64.19	0.12
	18.9	0.0	1024.8	783.3			
3	0.68	14.2	0.7	1549.58	170.76	85.38	0.12
	18.9	0.0	1325.9	1113.0			
4	0.25	15.6	0.26	505.21	55.67	27.84	0.12
	18.9	0.0	419.9	389.5			
5	0.47	16.8	0.49	860.31	94.81	47.4	0.12
	18.9	0.0	692.9	712.6			

6	0.47	18.2	0.49	3437.97	378.86	189.43	0.12
	18.9	0.0	3166.7	1448.2			
7	0.47	19.7	0.49	4310.58	475.03	237.51	0.12
	18.9	0.0	4001.3	1712.4			
8	0.47	21.2	0.5	4157.66	458.17	229.09	0.12
	18.9	0.0	3848.6	1688.9			
9	0.47	22.7	0.5	3992.33	439.95	219.98	0.12
	18.9	0.0	3685.5	1663.8			
100.47		24.3	0.51	3014.19	332.16	166.08	0.12
	18.9	0.0	2731.5	1398.5			

xc = 47.68 yc = 437.153 Rc = 20.861 Fs=1.698

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	1.57	-11.9	1.61	543.29	59.87	29.94	0.12
	18.9	0.0	899.2	1661.6			
2	1.57	-7.6	1.59	1349.84	148.75	74.38	0.12
	18.9	0.0	1597.3	1791.9			
3	1.57	-3.2	1.58	1792.26	197.51	98.75	0.12
	18.9	0.0	1898.2	1842.2			
4	1.23	0.6	1.23	3662.96	403.66	201.83	0.12
	18.9	0.0	3641.1	1959.8			
5	1.58	4.5	1.59	8508.52	937.64	468.82	0.12
	18.9	0.0	8267.3	3401.9			
6	1.91	9.4	1.93	18098.8	1994.49	997.24	0.12
	18.9	0.0	17370.8	5980.1			
7	1.57	14.2	1.62	19372.63	2134.86	1067.43	0.12
	18.9	0.0	18489.6	6086.8			
8	1.57	18.7	1.66	17983.24	1981.75	990.88	0.12
	18.9	0.0	17091.9	5908.4			
9	1.57	23.4	1.71	16175.67	1782.56	891.28	0.12
	18.9	0.0	15364.6	5689.3			
101.57		28.2	1.78	13108.67	1444.58	722.29	0.12
	18.9	0.0	12422.4	5187.4			

xc = 50.233 yc = 436.409 Rc = 19.107 Fs=1.808

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	1.01	-3.6	1.01	3514.83	387.33	193.67	0.12
	18.9	0.0	3627.1	1657.6			
2	0.62	-1.3	0.62	2210.92	243.64	121.82	0.12
	18.9	0.0	2234.4	1015.3			
3	1.4	1.7	1.4	9470.66	1043.67	521.83	0.12
	18.9	0.0	9375.9	3283.7			

4	1.01	5.3	1.01	11517.63	1269.24	634.62	0.12
	18.9	0.0	11250.6	3406.1			
5	1.01	8.4	1.02	11287.05	1243.83	621.92	0.12
	18.9	0.0	10919.8	3357.0			
6	1.01	11.4	1.03	10952.09	1206.92	603.46	0.12
	18.9	0.0	10519.1	3303.3			
7	1.01	14.5	1.04	10509.76	1158.18	579.09	0.12
	18.9	0.0	10043.1	3244.0			
8	1.01	17.7	1.06	9956.0	1097.15	548.58	0.12
	18.9	0.0	9484.8	3176.5			
9	1.01	20.9	1.08	9285.4	1023.25	511.63	0.12
	18.9	0.0	8833.4	3099.1			
101.01		24.1	1.1	7690.88	847.54	423.77	0.12
	18.9	0.0	7279.2	2808.6			

xc = 52.787 yc = 437.153 Rc = 18.753 Fs=3.229

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	0.97	-11.1	0.99	734.53	80.95	40.47	0.12
	18.9	0.0	859.4	575.3			
2	0.62	-9.2	0.63	656.46	72.34	36.17	0.12
	18.9	0.0	726.3	385.8			
3	1.32	-6.2	1.33	5601.42	617.28	308.64	0.12
	18.9	0.0	5780.1	1356.3			
4	0.97	-2.7	0.97	9198.95	1013.72	506.86	0.12
	18.9	0.0	9284.6	1631.9			
5	0.97	0.3	0.97	9235.53	1017.76	508.88	0.12
	18.9	0.0	9227.3	1622.3			
6	0.97	3.3	0.97	9179.88	1011.62	505.81	0.12
	18.9	0.0	9102.9	1609.8			
7	0.97	6.2	0.98	9031.49	995.27	497.64	0.12
	18.9	0.0	8912.0	1594.3			
8	0.97	9.2	0.98	8789.08	968.56	484.28	0.12
	18.9	0.0	8651.7	1575.2			
9	0.97	12.3	0.99	8450.77	931.27	465.64	0.12
	18.9	0.0	8318.4	1552.3			
100.97		15.3	1.01	7213.46	794.92	397.46	0.12
	18.9	0.0	7104.2	1418.5			

xc = 55.34 yc = 436.409 Rc = 19.457 Fs=4.43

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	1.6	-18.2	1.69	3892.89	429.0	214.5	0.12
	18.9	0.0	4419.7	1028.4			

2	1.58	-13.2	1.62	11155.36	1229.32	614.66	0.12
	18.9	0.0	11843.7	1689.5			
3	1.59	-8.4	1.61	18905.35	2083.37	1041.69	0.12
	18.9	0.0	19460.2	2373.2			
4	1.59	-3.7	1.6	19416.85	2139.74	1069.87	0.12
	18.9	0.0	19611.1	2361.8			
5	1.59	1.0	1.59	19533.42	2152.58	1076.29	0.12
	18.9	0.0	19496.1	2345.4			
6	1.59	5.7	1.6	19255.36	2121.94	1060.97	0.12
	18.9	0.0	19120.3	2324.1			
7	1.59	10.4	1.62	18572.63	2046.7	1023.35	0.12
	18.9	0.0	18468.6	2296.3			
8	1.59	15.2	1.65	15132.69	1667.62	833.81	0.12
	18.9	0.0	15149.9	2032.2			
9	1.59	20.2	1.7	3210.65	353.81	176.91	0.12
	18.9	0.0	3105.3	913.6			
101.59	25.2	1.76	1200.59	132.31	66.15	0.12	
	18.9	0.0	1004.8	756.3			

xc = 19.595 yc = 437.898 Rc = 26.955 Fs=3.968

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	2.18	-7.0	2.19	636.52	70.14	35.07	0.12
	18.9	0.0	751.6	906.5			
2	1.14	-3.4	1.14	2970.79	327.38	163.69	0.12
	18.9	0.0	3020.7	742.8			
3	1.66	-0.5	1.66	8285.18	913.03	456.51	0.12
	18.9	0.0	8297.6	1482.0			
4	1.66	3.1	1.66	8291.9	913.77	456.88	0.12
	18.9	0.0	8224.9	1477.4			
5	1.66	6.6	1.67	7975.4	878.89	439.44	0.12
	18.9	0.0	7861.9	1450.5			
6	1.66	10.2	1.69	7330.66	807.84	403.92	0.12
	18.9	0.0	7200.5	1400.1			
7	1.66	13.8	1.71	6348.48	699.6	349.8	0.12
	18.9	0.0	6221.4	1323.1			
8	1.66	17.4	1.74	5015.0	552.65	276.33	0.12
	18.9	0.0	4892.6	1214.7			
9	1.66	21.2	1.78	3310.92	364.86	182.43	0.12
	18.9	0.0	3165.3	1066.8			
101.66	25.0	1.83	1209.72	133.31	66.66	0.12	
	18.9	0.0	968.0	867.7			

xc = 22.148 yc = 438.642 Rc = 28.541 Fs=3.758

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
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1	2.29	-14.3	2.36	1367.42	150.69	75.34	0.12
	18.9	0.0	1696.5	1155.3			
2	1.16	-10.8	1.18	1525.49	168.11	84.05	0.12
	18.9	0.0	1676.3	661.1			
3	0.89	-8.6	0.9	3760.11	414.36	207.18	0.12
	18.9	0.0	3923.1	796.3			
4	4.81	-2.9	4.82	31676.16	3490.71	1745.36	0.12
	18.9	0.0	31992.5	5415.3			
5	2.29	4.2	2.29	15266.88	1682.41	841.21	0.12
	18.9	0.0	15119.2	2569.6			
6	2.29	8.9	2.31	14358.84	1582.34	791.17	0.12
	18.9	0.0	14148.1	2494.5			
7	2.29	13.5	2.35	12621.87	1390.93	695.47	0.12
	18.9	0.0	12430.8	2357.2			
8	2.29	18.3	2.41	10028.89	1105.18	552.59	0.12
	18.9	0.0	9890.1	2144.6			
9	2.29	23.2	2.49	6504.38	716.78	358.39	0.12
	18.9	0.0	6356.9	1829.0			
102.29		28.3	2.6	1951.66	215.07	107.54	0.12
	18.9	0.0	1570.2	1363.4			

xc = 24.702 yc = 437.898 Rc = 28.013 Fs=24.00

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	1.49	-16.7	1.55	658.44	72.56	36.28	0.12
	18.9	0.0	681.8	-19.2			
2	0.89	-14.2	0.92	3236.31	356.64	178.32	0.12
	18.9	0.0	3332.8	-20.1			
3	5.83	-7.2	5.87	38895.32	4286.27	2143.13	0.12
	18.9	0.0	39182.1	-177.8			
4	2.74	1.6	2.74	19920.0	2195.19	1097.59	0.12
	18.9	0.0	19930.4	-87.1			
5	2.74	7.2	2.76	19158.78	2111.3	1055.65	0.12
	18.9	0.0	19323.7	-86.2			
6	2.74	12.9	2.81	16948.07	1867.68	933.84	0.12
	18.9	0.0	17407.4	-82.6			
7	3.58	19.7	3.81	16401.6	1807.46	903.73	0.12
	18.9	0.0	17453.5	-96.8			
8	2.9	26.9	3.25	7532.02	830.03	415.01	0.12
	18.9	0.0	8477.4	-66.2			
9	1.73	32.3	2.04	3861.11	425.49	212.75	0.12
	18.9	0.0	4591.7	-41.4			
102.74		38.0	3.47	5899.16	650.09	325.04	0.12
	18.9	0.0	7529.3	-74.4			

xc = 32.361 yc = 438.642 Rc = 28.464 Fs=2.047

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm ²)
1	3.43 18.9	-24.4 0.0	3.76 8346.2	5772.66 4846.1	636.15	318.07	0.12
2	3.43 18.9	-17.0 0.0	3.58 17259.7	14722.08 6351.7	1622.37	811.19	0.12
3	3.43 18.9	-9.9 0.0	3.48 22127.7	20593.07 7081.0	2269.36	1134.68	0.12
4	3.43 18.9	-3.0 0.0	3.43 24124.6	23710.76 7351.7	2612.93	1306.46	0.12
5	3.31 18.9	3.8 0.0	3.32 22920.6	23337.8 7036.2	2571.83	1285.91	0.12
6	2.9 18.9	10.1 0.0	2.94 19473.0	20234.02 6147.2	2229.79	1114.89	0.12
7	0.95 18.9	14.1 0.0	0.98 8448.9	8780.9 2482.8	967.66	483.83	0.12
8	0.05 18.9	15.0 0.0	0.05 432.5	450.04 128.9	49.59	24.8	0.12
9	0.03 18.9	15.4 0.0	0.03 352.3	365.08 99.3	40.23	20.12	0.12
10	13.32 18.9	31.1 0.0	15.55 93216.3	95338.2 35068.8	10506.27	5253.14	0.12

xc = 34.914 yc = 437.898 Rc = 25.385 Fs=24.00

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm ²)
1	2.5 18.9	-15.1 0.0	2.59 1988.9	1910.03 40.7	210.49	105.24	0.12
2	2.5 18.9	-9.3 0.0	2.54 4833.8	4762.32 49.0	524.81	262.4	0.12
3	2.5 18.9	-3.6 0.0	2.51 6407.2	6391.08 53.6	704.3	352.15	0.12
4	1.35 18.9	0.7 0.0	1.35 3677.2	3677.27 29.5	405.24	202.62	0.12
5	2.9 18.9	5.5 0.0	2.91 9095.6	9059.59 68.1	998.37	499.18	0.12
6	0.95 18.9	9.9 0.0	0.96 5457.6	5381.41 31.3	593.03	296.52	0.12
7	0.05 18.9	11.0 0.0	0.05 279.0	274.15 1.6	30.21	15.11	0.12
8	0.03 18.9	10.8 0.0	0.03 253.3	249.04 1.3	27.44	13.72	0.12
9	8.69 18.9	21.8 0.0	9.36 49698.3	46247.17 310.9	5096.44	2548.22	0.12
10	3.56 18.9	37.5 0.0	4.49 23080.1	18391.51 171.2	2026.74	1013.37	0.12

xc = 37.467 yc = 438.642 Rc = 28.494 Fs=1.424

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	3.46 18.9	-25.0 0.0	3.81 9817.9	6018.92 7522.6	663.28	331.64	0.12
2	3.46 18.9	-17.5 0.0	3.63 19035.0	15360.2 9734.9	1692.69	846.35	0.12
3	3.46 18.9	-10.3 0.0	3.51 23841.3	21564.05 10730.1	2376.36	1188.18	0.12
4	1.81 18.9	-5.0 0.0	1.82 13335.2	12788.43 5774.2	1409.29	704.64	0.12
5	2.9 18.9	-0.2 0.0	2.9 22907.0	22871.16 9640.6	2520.4	1260.2	0.12
6	0.95 18.9	3.7 0.0	0.95 10063.3	10292.03 3906.6	1134.18	567.09	0.12
7	0.05 18.9	4.4 0.0	0.05 524.7	538.8 204.5	59.38	29.69	0.12
8	0.03 18.9	4.8 0.0	0.03 412.8	424.24 154.4	46.75	23.38	0.12
9	8.69 18.9	13.8 0.0	8.95 95796.2	101863.1 38118.5	11225.31	5612.66	0.12
109.77	18.9	34.9 0.0	11.92 130831.7	136035.4 61267.0	14991.1	7495.55	0.12

xc = 40.021 yc = 437.898 Rc = 27.567 Fs=1.342

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	3.36 18.9	-25.0 0.0	3.7 9533.0	5674.24 7745.8	625.3	312.65	0.12
2	3.36 18.9	-17.5 0.0	3.52 18150.7	14471.54 9914.6	1594.76	797.38	0.12
3	2.48 18.9	-11.2 0.0	2.53 16410.9	14578.13 7979.1	1606.51	803.26	0.12
4	2.9 18.9	-5.5 0.0	2.91 22204.7	21133.26 10071.0	2328.89	1164.44	0.12
5	0.95 18.9	-1.5 0.0	0.95 10161.8	10046.07 4164.5	1107.08	553.54	0.12
6	0.05 18.9	-0.3 0.0	0.05 531.4	530.18 218.2	58.43	29.21	0.12
7	0.03 18.9	-0.5 0.0	0.03 420.3	418.78 165.4	46.15	23.07	0.12
8	8.69 18.9	8.8 0.0	8.79 101903.0	106970.1 41444.2	11788.11	5894.05	0.12
9	1.58 18.9	19.7 0.0	1.68 20433.4	21975.13 8626.7	2421.66	1210.83	0.12

1010.17	34.4	12.32	157963.3	17407.56	8703.78	0.12
18.9	0.0	150516.8	72416.2			

xc = 42.574 yc = 438.642 Rc = 25.534 Fs=1.369

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	2.85 18.9	-11.7 0.0	2.91 4491.1	3479.45 4606.3	383.44	191.72	0.12
2	1.78 18.9	-6.5 0.0	1.8 7679.4	7151.44 4282.4	788.09	394.04	0.12
3	2.32 18.9	-1.8 0.0	2.32 17071.0	16815.65 7648.2	1853.09	926.54	0.12
4	2.32 18.9	3.4 0.0	2.32 16326.0	16733.38 7436.3	1844.02	922.01	0.12
5	3.3 18.9	9.7 0.0	3.35 22633.3	24070.65 10586.5	2652.59	1326.29	0.12
6	1.58 18.9	15.3 0.0	1.64 14550.9	15659.27 6377.2	1725.65	862.83	0.12
7	2.07 18.9	19.6 0.0	2.2 26190.0	28111.7 10883.6	3097.91	1548.95	0.12
8	2.32 18.9	25.0 0.0	2.56 32726.3	34988.05 13904.5	3855.68	1927.84	0.12
9	2.32 18.9	30.9 0.0	2.7 27668.4	29516.29 13096.5	3252.7	1626.35	0.12
102	3.2 18.9	37.2 0.0	2.91 20364.1	21830.46 11635.3	2405.72	1202.86	0.12

xc = 45.127 yc = 437.898 Rc = 25.245 Fs=1.515

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	2.17 18.9	-17.1 0.0	2.27 3543.4	2448.92 3341.1	269.87	134.94	0.12
2	0.95 18.9	-13.4 0.0	0.97 5273.9	4577.72 2454.1	504.46	252.23	0.12
3	0.05 18.9	-12.2 0.0	0.05 284.3	251.09 130.3	27.67	13.84	0.12
4	0.03 18.9	-11.9 0.0	0.03 262.0	234.86 106.5	25.88	12.94	0.12
5	8.69 18.9	-2.2 0.0	8.7 74165.9	73026.62 28685.2	8047.53	4023.77	0.12
6	1.58 18.9	9.6 0.0	1.6 17928.7	18749.88 6531.0	2066.24	1033.12	0.12
7	4.35 18.9	16.5 0.0	4.53 70205.7	73992.2 24519.8	8153.94	4076.97	0.12

8	2.55	24.9	2.81	40918.82	4509.25	2254.63	0.12
	18.9	0.0	38927.0	14682.2			
9	2.55	31.5	2.98	34249.29	3774.27	1887.14	0.12
	18.9	0.0	32895.0	13899.5			
102.55		38.5	3.25	16432.22	1810.83	905.42	0.12
	18.9	0.0	15181.5	9350.6			

xc = 47.68 yc = 438.642 Rc = 21.456 Fs=1.54

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	0.83	3.6	0.83	3083.82	339.84	169.92	0.12
	18.9	0.0	2989.9	1603.1			
2	0.8	5.4	0.8	2897.46	319.3	159.65	0.12
	18.9	0.0	2766.8	1519.1			
3	0.86	7.7	0.87	3145.14	346.59	173.3	0.12
	18.9	0.0	2954.4	1641.2			
4	0.83	9.9	0.84	9292.51	1024.04	512.02	0.12
	18.9	0.0	8876.6	3231.7			
5	0.83	12.2	0.85	9037.85	995.97	497.99	0.12
	18.9	0.0	8574.3	3180.9			
6	0.83	14.5	0.86	8729.37	961.98	480.99	0.12
	18.9	0.0	8234.6	3124.9			
7	0.83	16.8	0.86	8365.53	921.88	460.94	0.12
	18.9	0.0	7853.2	3063.5			
8	0.83	19.1	0.88	7944.42	875.47	437.74	0.12
	18.9	0.0	7427.1	2995.3			
9	0.83	21.5	0.89	7463.73	822.5	411.25	0.12
	18.9	0.0	6951.8	2918.9			
100.83		23.8	0.91	6120.74	674.51	337.25	0.12
	18.9	0.0	5639.6	2602.6			

xc = 50.233 yc = 437.898 Rc = 19.708 Fs=2.283

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	0.8	-3.1	0.8	1434.61	158.09	79.05	0.12
	18.9	0.0	1479.9	787.5			
2	0.8	-1.5	0.81	1529.27	168.53	84.26	0.12
	18.9	0.0	1551.2	804.1			
3	0.79	0.8	0.79	1517.65	167.24	83.62	0.12
	18.9	0.0	1506.7	785.3			
4	0.8	3.1	0.8	7468.24	823.0	411.5	0.12
	18.9	0.0	7379.5	1852.0			
5	0.8	5.4	0.8	7777.22	857.05	428.52	0.12
	18.9	0.0	7632.1	1905.0			

6	0.8	7.8	0.8	7638.06	841.71	420.86	0.12
	18.9	0.0	7454.0	1884.2			
7	0.8	10.1	0.81	7448.78	820.86	410.43	0.12
	18.9	0.0	7239.9	1860.3			
8	0.8	12.5	0.82	7208.44	794.37	397.19	0.12
	18.9	0.0	6986.7	1833.6			
9	0.8	14.8	0.82	6915.7	762.11	381.06	0.12
	18.9	0.0	6692.6	1803.0			
10	0.8	17.2	0.83	5769.0	635.74	317.87	0.12
	18.9	0.0	5560.9	1618.0			

xc = 52.787 yc = 438.642 Rc = 21.649 Fs=2.465

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	1.62	-9.4	1.64	5888.19	648.88	324.44	0.12
	18.9	0.0	6308.0	2070.8			
2	1.15	-5.6	1.15	7046.43	776.52	388.26	0.12
	18.9	0.0	7266.6	1915.8			
3	1.38	-2.2	1.38	16828.09	1854.46	927.23	0.12
	18.9	0.0	16982.5	3670.9			
4	1.38	1.4	1.38	16852.73	1857.17	928.59	0.12
	18.9	0.0	16767.0	3633.0			
5	1.38	5.1	1.39	16644.94	1834.27	917.14	0.12
	18.9	0.0	16391.4	3586.6			
6	1.38	8.8	1.4	16202.21	1785.48	892.74	0.12
	18.9	0.0	15855.0	3530.9			
7	1.38	12.5	1.42	15519.0	1710.19	855.1	0.12
	18.9	0.0	15146.1	3464.0			
8	1.38	16.3	1.44	14586.16	1607.4	803.7	0.12
	18.9	0.0	14247.8	3382.2			
9	1.38	20.2	1.47	13390.74	1475.66	737.83	0.12
	18.9	0.0	13134.4	3281.3			
10	1.38	24.1	1.52	948.52	104.53	52.26	0.12
	18.9	0.0	586.5	1108.2			

xc = 55.34 yc = 437.898 Rc = 22.001 Fs=3.879

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	1.63	-15.9	1.69	7569.98	834.21	417.11	0.12
	18.9	0.0	8308.4	1592.1			
2	2.06	-11.0	2.1	21186.59	2334.76	1167.38	0.12
	18.9	0.0	22198.6	3219.6			
3	1.85	-5.9	1.86	26009.54	2866.25	1433.13	0.12
	18.9	0.0	26507.4	3541.7			

4	1.85	-1.0	1.85	26414.12	2910.84	1455.42	0.12
	18.9	0.0	26482.1	3517.6			
5	1.85	3.8	1.85	26265.13	2894.42	1447.21	0.12
	18.9	0.0	26092.8	3484.7			
6	1.85	8.6	1.87	25559.77	2816.69	1408.34	0.12
	18.9	0.0	25335.9	3442.3			
7	1.85	13.5	1.9	20647.75	2275.38	1137.69	0.12
	18.9	0.0	20538.0	2989.7			
8	1.85	18.5	1.95	7653.84	843.45	421.73	0.12
	18.9	0.0	7553.6	1632.4			
9	1.85	23.7	2.02	5138.38	566.25	283.13	0.12
	18.9	0.0	5037.8	1427.8			
10	1.85	29.1	2.11	1900.82	209.47	104.74	0.12
	18.9	0.0	1628.6	1124.2			

xc = 19.595 yc = 439.386 Rc = 28.151 Fs=20.00

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	0.77	-3.4	0.77	2286.37	251.96	125.98	0.12
	18.9	0.0	-2458.7	-79129.9			
2	2.02	-0.6	2.02	8946.86	985.94	492.97	0.12
	18.9	0.0	-2551.8	-1113044.0			
3	1.39	2.9	1.4	6202.46	683.51	341.76	0.12
	18.9	0.0	6203.9	128.8			
4	1.39	5.7	1.4	6012.38	662.56	331.28	0.12
	18.9	0.0	6029.9	127.5			
5	1.39	8.6	1.41	5636.48	621.14	310.57	0.12
	18.9	0.0	5681.9	124.6			
6	1.39	11.5	1.42	5071.16	558.84	279.42	0.12
	18.9	0.0	5150.8	120.1			
7	1.39	14.4	1.44	4311.46	475.12	237.56	0.12
	18.9	0.0	4423.0	113.6			
8	1.39	17.3	1.46	3350.29	369.2	184.6	0.12
	18.9	0.0	3478.7	104.9			
9	1.39	20.4	1.49	2178.51	240.07	120.04	0.12
	18.9	0.0	2291.0	93.5			
10	1.39	23.4	1.52	784.66	86.47	43.23	0.12
	18.9	0.0	823.8	78.7			

xc = 22.148 yc = 440.13 Rc = 29.877 Fs=3.801

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	3.1	-12.2	3.17	2201.87	242.65	121.32	0.12
	18.9	0.0	2580.2	1553.5			

2	1.44	-7.7	1.45	4450.17	490.41	245.2	0.12
	18.9	0.0	4636.4	1080.0			
3	2.27	-4.2	2.27	14023.91	1545.43	772.72	0.12
	18.9	0.0	14238.3	2437.2			
4	2.27	0.2	2.27	14598.01	1608.7	804.35	0.12
	18.9	0.0	14590.1	2466.5			
5	2.27	4.5	2.28	14433.35	1590.56	795.28	0.12
	18.9	0.0	14285.2	2443.9			
6	2.27	8.9	2.3	13506.54	1488.42	744.21	0.12
	18.9	0.0	13304.9	2366.9			
7	2.27	13.4	2.33	11816.91	1302.22	651.11	0.12
	18.9	0.0	11630.1	2231.2			
8	2.27	17.9	2.38	9321.02	1027.18	513.59	0.12
	18.9	0.0	9173.1	2023.0			
9	2.27	22.5	2.46	5962.9	657.11	328.56	0.12
	18.9	0.0	5796.9	1719.2			
102.27		27.3	2.55	1661.91	183.14	91.57	0.12
	18.9	0.0	1282.7	1280.7			

xc = 24.702 yc = 439.386 Rc = 29.289 Fs=24.00

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	1.0	-15.4	1.04	270.06	29.76	14.88	0.12
	18.9	0.0	287.6	28.1			
2	0.89	-13.5	0.92	2940.52	324.05	162.02	0.12
	18.9	0.0	3034.8	43.8			
3	6.23	-6.5	6.28	39548.65	4358.26	2179.13	0.12
	18.9	0.0	39850.6	422.0			
4	2.71	2.3	2.71	18601.75	2049.91	1024.96	0.12
	18.9	0.0	18609.3	190.7			
5	2.71	7.7	2.73	17714.46	1952.13	976.07	0.12
	18.9	0.0	17848.6	187.6			
6	2.71	13.0	2.78	15478.05	1705.68	852.84	0.12
	18.9	0.0	15848.1	178.3			
7	3.25	19.1	3.44	13711.99	1511.06	755.53	0.12
	18.9	0.0	14451.6	190.9			
8	2.9	25.7	3.21	7169.24	790.05	395.03	0.12
	18.9	0.0	7890.5	145.1			
9	1.98	31.1	2.31	11069.25	1219.83	609.92	0.12
	18.9	0.0	12835.3	165.9			
102.71		36.6	3.38	5492.64	605.29	302.64	0.12
	18.9	0.0	6749.7	158.4			

xc = 32.361 yc = 440.13 Rc = 26.901 Fs=4.368

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
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1	1.89	-9.3	1.92	700.37	77.18	38.59	0.12
	18.9	0.0	829.8	740.7			
2	1.89	-5.3	1.9	1733.44	191.03	95.51	0.12
	18.9	0.0	1816.4	821.4			
3	1.89	-1.2	1.89	2282.25	251.5	125.75	0.12
	18.9	0.0	2301.4	861.2			
4	1.89	2.8	1.89	2352.06	259.2	129.6	0.12
	18.9	0.0	2312.7	863.7			
5	1.3	6.2	1.3	1396.52	153.9	76.95	0.12
	18.9	0.0	1342.9	573.6			
6	2.9	10.7	2.95	3191.66	351.72	175.86	0.12
	18.9	0.0	3004.7	1309.2			
7	1.48	15.5	1.54	3604.59	397.23	198.61	0.12
	18.9	0.0	3503.7	886.7			
8	1.89	19.3	2.0	7859.22	866.09	433.04	0.12
	18.9	0.0	7829.6	1504.2			
9	1.89	23.6	2.06	5191.67	572.12	286.06	0.12
	18.9	0.0	5146.9	1296.3			
10	1.89	28.1	2.15	1901.33	209.53	104.76	0.12
	18.9	0.0	1681.0	1007.4			

xc = 34.914 yc = 439.386 Rc = 26.703 Fs=24.00

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	2.5	-13.6	2.57	1732.81	190.96	95.48	0.12
	18.9	0.0	1835.6	223.8			
2	2.5	-8.1	2.53	4295.87	473.4	236.7	0.12
	18.9	0.0	4377.3	266.6			
3	3.53	-1.6	3.53	8259.27	910.17	455.09	0.12
	18.9	0.0	8274.5	410.8			
4	1.48	3.7	1.48	3892.83	428.99	214.49	0.12
	18.9	0.0	3889.3	180.9			
5	1.42	6.9	1.43	4208.15	463.74	231.87	0.12
	18.9	0.0	4216.5	184.5			
6	0.95	9.4	0.96	5109.09	563.02	281.51	0.12
	18.9	0.0	5151.0	170.7			
7	0.05	10.4	0.05	260.05	28.66	14.33	0.12
	18.9	0.0	262.8	8.9			
8	0.03	10.2	0.03	239.73	26.42	13.21	0.12
	18.9	0.0	242.3	7.2			
9	8.69	20.6	9.29	44940.33	4952.43	2476.21	0.12
	18.9	0.0	47428.0	1690.3			
10	3.87	35.8	4.77	22021.8	2426.8	1213.4	0.12
	18.9	0.0	26530.3	1053.9			

xc = 37.467 yc = 440.13 Rc = 29.837 Fs=1.493

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	3.51	-23.9	3.83	5889.79	649.05	324.53	0.12
	18.9	0.0	9258.5	6965.9			
2	3.51	-16.7	3.66	15048.07	1658.3	829.15	0.12
	18.9	0.0	18309.8	9072.2			
3	5.23	-8.1	5.29	33103.87	3648.05	1824.02	0.12
	18.9	0.0	35570.8	15217.3			
4	2.9	-0.2	2.9	22057.4	2430.73	1215.36	0.12
	18.9	0.0	22089.2	8970.5			
5	2.39	4.9	2.4	32019.01	3528.5	1764.25	0.12
	18.9	0.0	31196.9	11026.6			
6	3.51	10.6	3.57	41191.26	4539.28	2269.64	0.12
	18.9	0.0	39217.1	14609.9			
7	3.82	17.9	4.02	40362.24	4447.92	2223.96	0.12
	18.9	0.0	37762.4	15138.7			
8	3.19	25.2	3.53	43451.02	4788.3	2394.15	0.12
	18.9	0.0	41043.1	16373.8			
9	3.51	32.5	4.16	56582.88	6235.43	3117.72	0.12
	18.9	0.0	54834.2	22836.7			
103.51		41.0	4.65	38199.88	4209.63	2104.81	0.12
	18.9	0.0	37588.5	19855.6			

xc = 40.021 yc = 439.386 Rc = 28.91 Fs=1.351

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	3.41	-23.8	3.72	5550.63	611.68	305.84	0.12
	18.9	0.0	9101.7	7507.3			
2	3.41	-16.6	3.55	14171.13	1561.66	780.83	0.12
	18.9	0.0	17550.6	9656.3			
3	2.44	-10.6	2.49	13805.25	1521.34	760.67	0.12
	18.9	0.0	15442.0	7564.2			
4	2.9	-5.3	2.91	20353.12	2242.91	1121.46	0.12
	18.9	0.0	21335.9	9735.0			
5	0.95	-1.5	0.95	9780.57	1077.82	538.91	0.12
	18.9	0.0	9887.9	4054.2			
6	0.05	-0.3	0.05	516.13	56.88	28.44	0.12
	18.9	0.0	517.2	212.4			
7	0.03	-0.5	0.03	409.5	45.13	22.56	0.12
	18.9	0.0	410.9	161.4			
8	8.69	8.4	8.78	104776.9	11546.41	5773.21	0.12
	18.9	0.0	100000.0	40535.8			
9	1.58	18.8	1.67	21773.2	2399.41	1199.7	0.12
	18.9	0.0	20274.3	8459.1			
1010.61		33.1	12.66	164441.0	18121.4	9060.7	0.12
	18.9	0.0	156203.9	73368.8			

xc = 42.574 yc = 440.13 Rc = 26.718 Fs=1.436

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm ²)
1	2.27 18.9	-10.6 0.0	2.31 2698.2	2071.26 3219.7	228.25	114.13	0.12
2	2.26 18.9	-5.7 0.0	2.27 17498.6	16686.11 7395.9	1838.81	919.4	0.12
3	2.26 18.9	-0.8 0.0	2.27 15256.1	15160.87 6714.2	1670.73	835.36	0.12
4	2.26 18.9	4.1 0.0	2.27 14506.7	14930.92 6521.0	1645.39	822.69	0.12
5	2.93 18.9	9.7 0.0	2.98 18672.2	19823.93 8548.5	2184.6	1092.3	0.12
6	1.6 18.9	14.7 0.0	1.65 14010.3	15001.73 5913.3	1653.19	826.6	0.12
7	2.26 18.9	19.0 0.0	2.4 28425.9	30334.6 11231.1	3342.87	1671.44	0.12
8	2.26 18.9	24.2 0.0	2.48 31041.1	33009.99 12566.9	3637.7	1818.85	0.12
9	2.26 18.9	29.7 0.0	2.61 26378.5	27993.91 11802.0	3084.93	1542.47	0.12
102	2.26 18.9	35.5 0.0	2.78 19688.4	20977.4 10455.7	2311.71	1155.86	0.12

xc = 45.127 yc = 439.386 Rc = 26.443 Fs=1.549

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm ²)
1	1.77 18.9	-15.8 0.0	1.84 2262.8	1531.84 2458.7	168.81	84.4	0.12
2	0.95 18.9	-12.8 0.0	0.97 4710.6	4111.4 2238.8	453.08	226.54	0.12
3	0.05 18.9	-11.6 0.0	0.05 254.6	225.98 119.0	24.9	12.45	0.12
4	0.03 18.9	-11.3 0.0	0.03 241.9	218.24 98.5	24.05	12.02	0.12
5	8.69 18.9	-2.1 0.0	8.7 69165.2	68155.16 26728.4	7510.7	3755.35	0.12
6	1.58 18.9	9.1 0.0	1.6 17160.6	17910.23 6172.0	1973.71	986.85	0.12
7	4.55 18.9	16.0 0.0	4.73 71685.5	75407.48 24528.1	8309.9	4154.95	0.12
8	2.52 18.9	24.1 0.0	2.76 37324.1	39197.08 13759.3	4319.52	2159.76	0.12
9	2.52 18.9	30.3 0.0	2.91 31606.5	32937.34 12957.3	3629.7	1814.85	0.12

102.52	36.8	3.15	14817.14	1632.85	816.42	0.12
18.9	0.0	13556.1	8270.4			

xc = 47.68 yc = 440.13 Rc = 22.086 Fs=1.931

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	0.62	3.2	0.63	1311.21	144.5	72.25	0.12
	18.9	0.0	1270.6	753.3			
2	0.62	4.6	0.63	1276.36	140.65	70.33	0.12
	18.9	0.0	1220.9	744.7			
3	0.36	5.8	0.36	707.88	78.01	39.0	0.12
	18.9	0.0	668.6	421.8			
4	0.89	7.5	0.9	2054.77	226.44	113.22	0.12
	18.9	0.0	1927.5	1111.7			
5	0.62	9.5	0.63	6010.54	662.36	331.18	0.12
	18.9	0.0	5806.1	1748.2			
6	0.62	11.1	0.64	5876.29	647.57	323.78	0.12
	18.9	0.0	5655.6	1727.3			
7	0.62	12.8	0.64	5719.95	630.34	315.17	0.12
	18.9	0.0	5488.3	1704.4			
8	0.62	14.4	0.64	5541.13	610.63	305.32	0.12
	18.9	0.0	5303.1	1679.4			
9	0.62	16.1	0.65	5339.22	588.38	294.19	0.12
	18.9	0.0	5099.1	1651.9			
100.62		17.8	0.66	4313.85	475.39	237.69	0.12
	18.9	0.0	4089.0	1444.9			

xc = 50.233 yc = 439.386 Rc = 20.345 Fs=4.433

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	0.43	-5.6	0.43	68.15	7.51	3.76	0.12
	18.9	0.0	83.3	152.7			
2	0.43	-3.0	0.43	96.47	10.63	5.32	0.12
	18.9	0.0	104.7	153.7			
3	0.43	-1.7	0.43	117.47	12.94	6.47	0.12
	18.9	0.0	122.3	155.1			
4	0.3	-0.8	0.3	90.26	9.95	4.97	0.12
	18.9	0.0	91.8	108.6			
5	0.56	0.5	0.56	172.97	19.06	9.53	0.12
	18.9	0.0	171.3	203.0			
6	0.43	1.8	0.43	1301.69	143.45	71.72	0.12
	18.9	0.0	1294.0	263.9			
7	0.43	3.0	0.43	3534.22	389.47	194.74	0.12
	18.9	0.0	3514.3	470.7			

8	0.43	4.3	0.43	3512.11	387.03	193.52	0.12
	18.9	0.0	3487.0	469.0			
9	0.43	5.5	0.43	3482.64	383.79	191.89	0.12
	18.9	0.0	3454.1	467.0			
100	0.43	6.7	0.43	2645.7	291.56	145.78	0.12
	18.9	0.0	2618.4	390.3			

xc = 52.787 yc = 440.13 Rc = 22.456 Fs=2.536

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	1.61	-9.4	1.63	3790.7	417.74	208.87	0.12
	18.9	0.0	4110.8	1642.3			
2	0.88	-5.7	0.88	2705.63	298.16	149.08	0.12
	18.9	0.0	2816.8	980.3			
3	1.24	-3.0	1.24	13479.4	1485.43	742.72	0.12
	18.9	0.0	13652.2	2947.5			
4	1.24	0.2	1.24	13551.58	1493.38	746.69	0.12
	18.9	0.0	13542.7	2924.7			
5	1.24	3.4	1.24	13461.3	1483.44	741.72	0.12
	18.9	0.0	13315.0	2894.0			
6	1.24	6.5	1.25	13207.8	1455.5	727.75	0.12
	18.9	0.0	12969.4	2855.0			
7	1.24	9.7	1.26	12788.77	1409.32	704.66	0.12
	18.9	0.0	12501.0	2806.8			
8	1.24	13.0	1.28	12200.11	1344.45	672.23	0.12
	18.9	0.0	11902.8	2748.0			
9	1.24	16.3	1.29	11435.91	1260.24	630.12	0.12
	18.9	0.0	11163.1	2676.2			
101	1.24	19.6	1.32	9688.12	1067.63	533.82	0.12
	18.9	0.0	9461.9	2449.1			

xc = 55.34 yc = 439.386 Rc = 22.96 Fs=4.186

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	1.62	-15.3	1.68	6008.96	662.19	331.09	0.12
	18.9	0.0	6566.8	1286.9			
2	1.94	-10.7	1.97	17575.13	1936.78	968.39	0.12
	18.9	0.0	18360.1	2550.3			
3	1.78	-6.0	1.79	23210.09	2557.75	1278.88	0.12
	18.9	0.0	23648.8	2976.3			
4	1.78	-1.5	1.78	23620.79	2603.01	1301.51	0.12
	18.9	0.0	23709.4	2963.8			
5	1.78	2.9	1.78	23557.15	2596.0	1298.0	0.12
	18.9	0.0	23438.7	2940.5			

6	1.78	7.4	1.79	23016.88	2536.46	1268.23	0.12
	18.9	0.0	22835.9	2905.9			
7	1.78	11.9	1.82	21994.93	2423.84	1211.92	0.12
	18.9	0.0	21887.6	2858.4			
8	1.78	16.5	1.86	6245.31	688.23	344.12	0.12
	18.9	0.0	6139.1	1316.5			
9	1.78	21.2	1.91	4180.17	460.65	230.33	0.12
	18.9	0.0	4065.3	1155.3			
10	1.78	26.0	1.98	1547.68	170.55	85.28	0.12
	18.9	0.0	1315.8	926.6			

xc = 32.361 yc = 441.619 Rc = 28.219 Fs=24.00

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	1.82	-7.5	1.84	543.3	59.87	29.94	0.12
	18.9	0.0	563.3	117.5			
2	1.82	-3.8	1.83	1316.82	145.11	72.56	0.12
	18.9	0.0	1328.1	128.5			
3	1.82	-0.1	1.82	1678.53	184.97	92.49	0.12
	18.9	0.0	1678.7	133.6			
4	2.67	4.5	2.68	2283.76	251.67	125.84	0.12
	18.9	0.0	2275.6	193.6			
5	0.98	8.2	0.99	714.5	78.74	39.37	0.12
	18.9	0.0	711.9	70.1			
6	1.91	11.2	1.95	1615.37	178.01	89.01	0.12
	18.9	0.0	1619.1	142.8			
7	1.74	15.0	1.8	3397.63	374.42	187.21	0.12
	18.9	0.0	3474.8	166.7			
8	1.82	18.8	1.93	6994.66	770.81	385.41	0.12
	18.9	0.0	7311.1	243.6			
9	1.82	22.8	1.98	4595.34	506.41	253.2	0.12
	18.9	0.0	4902.5	211.2			
10	1.82	26.9	2.05	1673.35	184.4	92.2	0.12
	18.9	0.0	1800.7	166.5			

xc = 34.914 yc = 440.875 Rc = 27.948 Fs=24.00

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	2.45	-11.6	2.5	1443.75	159.1	79.55	0.12
	18.9	0.0	1503.6	146.4			
2	2.45	-6.6	2.47	3540.16	390.13	195.06	0.12
	18.9	0.0	3583.0	171.0			
3	2.96	-1.0	2.96	5637.31	621.23	310.62	0.12
	18.9	0.0	5642.0	222.2			

4	2.9	5.0	2.91	6841.02	753.88	376.94	0.12
	18.9	0.0	6846.7	236.8			
5	1.5	9.6	1.52	6159.73	678.8	339.4	0.12
	18.9	0.0	6219.7	161.4			
6	2.45	13.7	2.52	14936.24	1645.97	822.99	0.12
	18.9	0.0	15293.7	341.6			
7	2.45	19.0	2.59	11599.26	1278.24	639.12	0.12
	18.9	0.0	12164.2	309.5			
8	3.32	25.4	3.67	10471.06	1153.91	576.96	0.12
	18.9	0.0	11430.5	371.8			
9	1.58	31.1	1.85	6798.25	749.17	374.58	0.12
	18.9	0.0	7816.8	229.9			
102.45		36.1	3.03	16495.34	1817.79	908.89	0.12
	18.9	0.0	20095.2	522.1			

xc = 37.467 yc = 441.619 Rc = 28.036 Fs=1.582

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	2.69	-5.9	2.7	1044.63	115.12	57.56	0.12
	18.9	0.0	1351.0	2904.9			
2	1.53	-1.6	1.53	1564.5	172.41	86.2	0.12
	18.9	0.0	1617.3	1858.0			
3	1.37	1.3	1.37	2208.83	243.41	121.71	0.12
	18.9	0.0	2166.1	1847.6			
4	0.95	3.7	0.95	4031.15	444.23	222.12	0.12
	18.9	0.0	3915.3	1913.8			
5	0.05	4.5	0.05	208.0	22.92	11.46	0.12
	18.9	0.0	200.9	99.6			
6	0.03	4.9	0.03	205.6	22.66	11.33	0.12
	18.9	0.0	199.3	83.3			
7	8.69	14.0	8.96	44001.17	4848.93	2424.46	0.12
	18.9	0.0	40611.1	19555.1			
8	1.58	25.0	1.75	8952.24	986.54	493.27	0.12
	18.9	0.0	8128.2	4140.6			
9	2.09	29.3	2.39	18145.02	1999.58	999.79	0.12
	18.9	0.0	17054.8	7659.5			
102.11		34.3	2.55	19084.87	2103.15	1051.58	0.12
	18.9	0.0	18234.6	8640.4			

xc = 40.021 yc = 440.875 Rc = 30.253 Fs=1.363

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	3.45	-22.7	3.74	5412.16	596.42	298.21	0.12
	18.9	0.0	8673.0	7260.4			

2	3.45	-15.8	3.59	13832.7	1524.36	762.18	0.12
	18.9	0.0	16925.7	9371.2			
3	2.39	-10.1	2.42	12950.45	1427.14	713.57	0.12
	18.9	0.0	14399.5	7098.9			
4	2.9	-5.0	2.91	19569.91	2156.6	1078.3	0.12
	18.9	0.0	20471.3	9383.1			
5	0.95	-1.4	0.95	9514.96	1048.55	524.27	0.12
	18.9	0.0	9614.4	3935.9			
6	0.05	-0.3	0.05	502.08	55.33	27.66	0.12
	18.9	0.0	503.2	206.4			
7	0.03	-0.4	0.03	400.21	44.1	22.05	0.12
	18.9	0.0	401.4	157.2			
8	8.69	8.0	8.78	102561.6	11302.29	5651.14	0.12
	18.9	0.0	98067.3	39544.0			
9	1.58	17.9	1.66	21547.99	2374.59	1187.29	0.12
	18.9	0.0	20099.5	8278.4			
1011.02		31.9	12.98	169638.9	18694.21	9347.1	0.12
	18.9	0.0	160789.3	73787.2			

xc = 42.574 yc = 441.619 Rc = 24.692 Fs=1.428

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	0.44	14.5	0.46	1242.63	136.94	68.47	0.12
	18.9	0.0	1080.0	813.6			
2	0.44	15.5	0.46	1149.87	126.72	63.36	0.12
	18.9	0.0	981.9	790.6			
3	0.44	16.5	0.46	1049.59	115.67	57.83	0.12
	18.9	0.0	877.0	765.7			
4	0.28	17.4	0.3	615.66	67.85	33.92	0.12
	18.9	0.0	502.6	476.4			
5	0.6	18.5	0.64	1145.91	126.28	63.14	0.12
	18.9	0.0	900.1	971.4			
6	0.44	19.8	0.47	2356.78	259.72	129.86	0.12
	18.9	0.0	2109.6	1167.0			
7	0.44	20.9	0.47	4100.68	451.9	225.95	0.12
	18.9	0.0	3784.7	1695.3			
8	0.44	22.0	0.48	3953.88	435.72	217.86	0.12
	18.9	0.0	3639.7	1667.7			
9	0.44	23.1	0.48	3798.61	418.61	209.3	0.12
	18.9	0.0	3487.4	1637.2			
100.44		24.2	0.49	2834.79	312.39	156.2	0.12
	18.9	0.0	2550.3	1360.5			

xc = 45.127 yc = 440.875 Rc = 27.559 Fs=1.578

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
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1	1.14	-14.5	1.18	598.98	66.01	33.0	0.12
	18.9	0.0	971.2	1410.5			
2	0.95	-12.2	0.97	3491.55	384.77	192.38	0.12
	18.9	0.0	3997.4	2001.6			
3	0.05	-11.1	0.05	192.84	21.25	10.63	0.12
	18.9	0.0	217.1	106.6			
4	0.03	-10.9	0.03	196.31	21.63	10.82	0.12
	18.9	0.0	217.0	89.9			
5	8.69	-2.0	8.69	61928.72	6824.55	3412.27	0.12
	18.9	0.0	62817.1	24586.3			
6	1.58	8.8	1.6	16817.04	1853.24	926.62	0.12
	18.9	0.0	16135.0	5781.9			
7	4.7	15.5	4.87	74894.19	8253.34	4126.67	0.12
	18.9	0.0	71292.5	24055.3			
8	2.45	23.3	2.67	36626.95	4036.29	2018.15	0.12
	18.9	0.0	34882.3	12642.3			
9	2.45	29.0	2.8	30958.38	3411.61	1705.81	0.12
	18.9	0.0	29651.0	11859.4			
102.45		35.0	2.99	14172.68	1561.83	780.91	0.12
18.9		0.0	12963.7	7571.7			

xc = 47.68 yc = 441.619 Rc = 25.804 Fs=1.80

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	2.03	-14.5	2.09	1097.2	120.91	60.46	0.12
	18.9	0.0	1682.3	2184.7			
2	2.03	-9.9	2.06	2787.51	307.18	153.59	0.12
	18.9	0.0	3258.0	2482.0			
3	2.03	-5.4	2.04	3835.39	422.66	211.33	0.12
	18.9	0.0	4099.3	2630.6			
4	2.26	-0.6	2.26	6942.57	765.07	382.54	0.12
	18.9	0.0	6980.1	3459.0			
5	1.8	3.9	1.8	11364.09	1252.32	626.16	0.12
	18.9	0.0	11116.2	4039.4			
6	2.03	8.2	2.05	23325.54	2570.48	1285.24	0.12
	18.9	0.0	22581.2	6923.2			
7	2.03	12.8	2.08	26841.0	2957.88	1478.94	0.12
	18.9	0.0	25796.8	7805.8			
8	2.03	17.4	2.12	24717.42	2723.86	1361.93	0.12
	18.9	0.0	23658.2	7506.4			
9	2.03	22.2	2.19	21910.19	2414.5	1207.25	0.12
	18.9	0.0	20970.4	7130.6			
102.03		27.2	2.28	17528.36	1931.63	965.81	0.12
18.9		0.0	16769.1	6424.0			

xc = 50.233 yc = 440.875 Rc = 23.842 Fs=1.827

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm ²)
1	1.63	-2.5	1.63	6606.12	727.99	364.0	0.12
	18.9	0.0	6737.9	2846.3			
2	0.71	0.6	0.71	2931.32	323.03	161.52	0.12
	18.9	0.0	2918.9	1236.6			
3	1.17	2.8	1.17	13092.18	1442.76	721.38	0.12
	18.9	0.0	12918.2	3867.3			
4	1.17	5.6	1.17	13919.17	1533.89	766.95	0.12
	18.9	0.0	13589.8	4037.0			
5	1.17	8.5	1.18	13597.97	1498.5	749.25	0.12
	18.9	0.0	13162.8	3970.5			
6	1.17	11.3	1.19	13145.22	1448.6	724.3	0.12
	18.9	0.0	12641.8	3893.8			
7	1.17	14.2	1.21	12557.39	1383.83	691.91	0.12
	18.9	0.0	12019.5	3805.7			
8	1.17	17.1	1.22	11829.7	1303.63	651.82	0.12
	18.9	0.0	11288.2	3703.0			
9	1.17	20.1	1.24	10956.06	1207.36	603.68	0.12
	18.9	0.0	10435.5	3581.8			
10	1.17	23.1	1.27	9128.63	1005.98	502.99	0.12
	18.9	0.0	8651.9	3244.2			

xc = 52.787 yc = 441.619 Rc = 23.295 Fs=3.139

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm ²)
1	1.59	-8.9	1.61	1832.36	201.93	100.96	0.12
	18.9	0.0	2014.8	1039.4			
2	0.53	-5.9	0.53	763.36	84.12	42.06	0.12
	18.9	0.0	804.8	360.6			
3	1.06	-4.0	1.06	7697.72	848.29	424.14	0.12
	18.9	0.0	7823.0	1533.0			
4	1.06	-1.4	1.06	10253.92	1129.98	564.99	0.12
	18.9	0.0	10300.8	1853.5			
5	1.06	1.3	1.06	10255.79	1130.19	565.09	0.12
	18.9	0.0	10217.5	1842.5			
6	1.06	3.9	1.06	10160.19	1119.65	559.83	0.12
	18.9	0.0	10060.4	1826.6			
7	1.06	6.5	1.07	9966.45	1098.3	549.15	0.12
	18.9	0.0	9826.6	1805.6			
8	1.06	9.1	1.08	9673.28	1066.0	533.0	0.12
	18.9	0.0	9515.1	1778.9			
9	1.06	11.8	1.08	9278.87	1022.53	511.27	0.12
	18.9	0.0	9122.1	1746.0			
10	1.06	14.5	1.1	7980.57	879.46	439.73	0.12
	18.9	0.0	7842.6	1597.7			

xc = 24.702 yc = 442.363 Rc = 31.841 Fs=20.00

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	0.69 18.9	-12.2 0.0	0.71 -2406.5	2328.88 -22578.9	256.64	128.32	0.12
2	4.56 18.9	-7.5 0.0	4.6 -14604.6	24342.65 -301422.7	2682.56	1341.28	0.12
3	2.62 18.9	-1.0 0.0	2.62 -2250.8	15757.11 -1075794.0	1736.43	868.22	0.12
4	2.62 18.9	3.8 0.0	2.63 15765.9	15750.72 289.5	1735.73	867.86	0.12
5	2.62 18.9	8.5 0.0	2.65 14775.8	14653.88 281.6	1614.86	807.43	0.12
6	2.62 18.9	13.3 0.0	2.7 12726.8	12442.69 264.0	1371.19	685.59	0.12
7	2.56 18.9	18.2 0.0	2.69 9278.6	8882.66 228.8	978.87	489.43	0.12
8	2.9 18.9	23.5 0.0	3.16 6691.5	6220.64 225.5	685.51	342.76	0.12
9	2.42 18.9	28.8 0.0	2.76 15312.1	13559.32 329.7	1494.24	747.12	0.12
	102.62 18.9	34.1 0.0	3.17 5507.3	4668.05 234.2	514.42	257.21	0.12

xc = 32.361 yc = 443.107 Rc = 29.537 Fs=24.00

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	1.73 18.9	-5.4 0.0	1.74 389.4	380.94 71.0	41.98	20.99	0.12
2	1.73 18.9	-2.1 0.0	1.73 893.5	890.21 75.9	98.1	49.05	0.12
3	1.73 18.9	1.3 0.0	1.73 1062.4	1063.91 77.6	117.24	58.62	0.12
4	2.01 18.9	4.9 0.0	2.02 1012.1	1015.9 88.4	111.95	55.98	0.12
5	1.45 18.9	8.3 0.0	1.47 668.7	670.79 63.9	73.92	36.96	0.12
6	1.44 18.9	11.2 0.0	1.47 834.2	830.94 66.3	91.57	45.78	0.12
7	0.95 18.9	13.6 0.0	0.97 2741.2	2680.39 68.2	295.38	147.69	0.12
8	0.05 18.9	14.4 0.0	0.05 131.7	128.39 3.5	14.15	7.07	0.12
9	0.03 18.9	14.8 0.0	0.03 157.0	152.52 3.1	16.81	8.4	0.12

106.19	21.1	6.64	16423.05	1809.82	904.91	0.12
18.9	0.0	17436.4	470.1			

xc = 34.914 yc = 442.363 Rc = 29.145 Fs=24.00

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	2.35 18.9	-9.2 0.0	2.38 1124.8	1086.12 153.5	119.69	59.85	0.12
2	2.35 18.9	-4.5 0.0	2.36 2621.6	2599.69 174.0	286.49	143.24	0.12
3	2.12 18.9	-0.1 0.0	2.12 2928.8	2928.41 165.0	322.71	161.36	0.12
4	2.9 18.9	4.8 0.0	2.91 5263.7	5265.65 246.1	580.28	290.14	0.12
5	2.04 18.9	9.7 0.0	2.07 15168.9	15010.83 357.4	1654.19	827.1	0.12
6	2.35 18.9	14.1 0.0	2.43 12945.2	12636.13 348.3	1392.5	696.25	0.12
7	2.35 18.9	19.0 0.0	2.49 9965.7	9520.76 311.8	1049.19	524.59	0.12
8	2.98 18.9	24.6 0.0	3.28 8878.4	8204.92 354.5	904.18	452.09	0.12
9	1.73 18.9	29.8 0.0	1.99 7885.1	6958.19 270.4	766.79	383.4	0.12
102.35	18.9	34.6 0.0	2.86 19463.0	16288.74 562.8	1795.02	897.51	0.12

xc = 37.467 yc = 443.107 Rc = 29.233 Fs=1.602

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	0.62 18.9	-3.7 0.0	0.62 72.3	34.13 598.8	3.76	1.88	0.12
2	2.9 18.9	-0.2 0.0	2.9 2236.5	2224.77 3260.9	245.17	122.58	0.12
3	0.95 18.9	3.6 0.0	0.95 3409.0	3511.91 1759.7	387.01	193.51	0.12
4	0.05 18.9	4.3 0.0	0.05 174.5	180.75 91.6	19.92	9.96	0.12
5	0.03 18.9	4.6 0.0	0.03 181.9	187.6 77.7	20.67	10.34	0.12
6	6.85 18.9	11.5 0.0	7.0 29954.0	32184.12 14473.6	3546.69	1773.35	0.12
7	1.83 18.9	20.3 0.0	1.96 5719.9	6504.14 3501.6	716.76	358.38	0.12

8	1.58	23.9	1.73	8423.91	928.31	464.16	0.12
	18.9	0.0	7634.1	3900.4			
9	2.29	28.2	2.59	19716.74	2172.79	1086.39	0.12
	18.9	0.0	18530.0	8126.2			
10	1.9	32.9	2.26	16719.77	1842.52	921.26	0.12
	18.9	0.0	15913.1	7370.1			

xc = 40.021 yc = 442.363 Rc = 28.124 Fs=1.494

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	1.16	-3.7	1.17	370.47	40.83	20.41	0.12
	18.9	0.0	453.7	1287.2			
2	0.95	-1.5	0.95	2939.59	323.94	161.97	0.12
	18.9	0.0	2987.2	1766.6			
3	0.05	-0.3	0.05	154.73	17.05	8.53	0.12
	18.9	0.0	155.2	92.5			
4	0.03	-0.5	0.03	170.63	18.8	9.4	0.12
	18.9	0.0	171.3	80.1			
5	6.97	6.8	7.02	33027.32	3639.61	1819.81	0.12
	18.9	0.0	31396.5	15743.7			
6	1.72	15.8	1.78	7527.13	829.49	414.75	0.12
	18.9	0.0	6791.1	3789.2			
7	1.58	19.3	1.68	10145.32	1118.02	559.01	0.12
	18.9	0.0	9271.1	4472.3			
8	2.2	23.5	2.4	21945.24	2418.37	1209.18	0.12
	18.9	0.0	20443.6	8739.8			
9	1.83	28.0	2.08	20481.2	2257.03	1128.51	0.12
	18.9	0.0	19277.0	8355.4			
101	1.83	32.4	2.17	15973.09	1760.23	880.12	0.12
	18.9	0.0	14935.3	7424.9			

xc = 42.574 yc = 443.107 Rc = 29.087 Fs=1.478

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	0.9	-8.3	0.91	280.9	30.95	15.48	0.12
	18.9	0.0	434.9	1044.4			
2	0.95	-6.5	0.95	3013.7	332.11	166.05	0.12
	18.9	0.0	3245.7	1874.2			
3	0.05	-5.3	0.05	162.79	17.94	8.97	0.12
	18.9	0.0	172.6	98.9			
4	0.03	-5.6	0.03	176.19	19.42	9.71	0.12
	18.9	0.0	185.4	85.4			
5	8.69	3.2	8.7	49610.02	5467.03	2733.51	0.12
	18.9	0.0	48440.8	22263.9			

6	1.58	13.4	1.63	13220.37	1456.89	728.44	0.12
	18.9	0.0	12379.6	5221.5			
7	2.67	17.8	2.8	33952.7	3741.59	1870.79	0.12
	18.9	0.0	31906.3	12278.7			
8	2.12	22.8	2.3	28773.9	3170.88	1585.44	0.12
	18.9	0.0	27072.8	10683.9			
9	2.12	27.4	2.39	24725.58	2724.76	1362.38	0.12
	18.9	0.0	23251.5	9999.8			
	102.12	32.3	2.51	19019.29	2095.93	1047.96	0.12
	18.9	0.0	17775.6	8834.8			

xc = 45.127 yc = 442.363 Rc = 25.236 Fs=1.467

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	0.67	8.6	0.67	2255.13	248.52	124.26	0.12
	18.9	0.0	2088.5	1283.4			
2	0.96	10.3	0.97	3016.34	332.4	166.2	0.12
	18.9	0.0	2747.2	1782.7			
3	0.38	11.8	0.39	1106.92	121.98	60.99	0.12
	18.9	0.0	990.9	683.8			
4	0.67	13.0	0.68	3454.51	380.69	190.34	0.12
	18.9	0.0	3178.8	1626.8			
5	0.67	14.6	0.69	6931.38	763.84	381.92	0.12
	18.9	0.0	6505.6	2606.5			
6	0.67	16.2	0.69	6699.24	738.26	369.13	0.12
	18.9	0.0	6262.0	2560.6			
7	0.67	17.8	0.7	6441.96	709.9	354.95	0.12
	18.9	0.0	5998.4	2511.0			
8	0.67	19.3	0.71	6158.88	678.71	339.35	0.12
	18.9	0.0	5713.6	2456.7			
9	0.67	21.0	0.71	5849.24	644.59	322.29	0.12
	18.9	0.0	5405.9	2398.3			
	100.67	22.6	0.72	4712.28	519.29	259.65	0.12
	18.9	0.0	4298.0	2097.8			

xc = 47.68 yc = 443.107 Rc = 26.587 Fs=1.837

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	1.63	-8.2	1.64	403.83	44.5	22.25	0.12
	18.9	0.0	621.1	1485.0			
2	1.63	-4.7	1.63	974.67	107.41	53.7	0.12
	18.9	0.0	1107.4	1574.6			
3	2.22	-0.6	2.22	3893.24	429.03	214.52	0.12
	18.9	0.0	3920.0	2676.7			

4	1.58	3.5	1.58	7862.09	866.4	433.2	0.12
	18.9	0.0	7691.3	3010.2			
5	1.08	6.4	1.08	7060.84	778.1	389.05	0.12
	18.9	0.0	6834.4	2423.1			
6	1.63	9.4	1.65	20216.28	2227.83	1113.92	0.12
	18.9	0.0	19547.6	5788.9			
7	1.63	12.9	1.67	19226.63	2118.78	1059.39	0.12
	18.9	0.0	18467.1	5629.3			
8	1.63	16.6	1.7	17904.39	1973.06	986.53	0.12
	18.9	0.0	17130.0	5435.4			
9	1.63	20.3	1.73	16232.51	1788.82	894.41	0.12
	18.9	0.0	15503.4	5196.7			
101.63		24.1	1.78	13387.53	1475.31	737.65	0.12
	18.9	0.0	12743.2	4703.9			

xc = 50.233 yc = 442.363 Rc = 24.645 Fs=2.118

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	1.02	-2.8	1.02	2770.39	305.3	152.65	0.12
	18.9	0.0	2835.9	1266.7			
2	0.6	-1.0	0.6	1671.18	184.16	92.08	0.12
	18.9	0.0	1684.1	745.5			
3	1.44	1.4	1.44	8824.61	972.47	486.24	0.12
	18.9	0.0	8761.4	2711.6			
4	1.02	4.2	1.02	10870.38	1197.92	598.96	0.12
	18.9	0.0	10693.2	2800.1			
5	1.02	6.6	1.02	10683.97	1177.37	588.69	0.12
	18.9	0.0	10436.9	2763.9			
6	1.02	9.0	1.03	10415.02	1147.74	573.87	0.12
	18.9	0.0	10119.0	2721.4			
7	1.02	11.4	1.04	10062.06	1108.84	554.42	0.12
	18.9	0.0	9736.4	2671.7			
8	1.02	13.8	1.05	9623.17	1060.47	530.24	0.12
	18.9	0.0	9285.6	2614.0			
9	1.02	16.3	1.06	9095.89	1002.37	501.18	0.12
	18.9	0.0	8761.8	2547.0			
101.02		18.8	1.07	7677.16	846.02	423.01	0.12
	18.9	0.0	7366.0	2306.8			

xc = 52.787 yc = 443.107 Rc = 24.165 Fs=4.505

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	0.78	-7.2	0.79	89.53	9.87	4.93	0.12
	18.9	0.0	124.8	273.9			

2	0.62	-5.6	0.62	172.89	19.05	9.53	0.12
	18.9	0.0	195.8	224.7			
3	0.7	-4.0	0.7	4131.31	455.27	227.64	0.12
	18.9	0.0	4185.1	615.8			
4	0.7	-2.4	0.7	5931.65	653.67	326.83	0.12
	18.9	0.0	5969.0	777.5			
5	0.7	-0.7	0.7	5956.84	656.44	328.22	0.12
	18.9	0.0	5967.0	776.5			
6	0.7	0.9	0.7	5954.97	656.24	328.12	0.12
	18.9	0.0	5943.2	774.4			
7	0.7	2.6	0.7	5926.05	653.05	326.53	0.12
	18.9	0.0	5897.0	771.1			
8	0.7	4.3	0.7	5869.89	646.86	323.43	0.12
	18.9	0.0	5829.1	766.6			
9	0.7	5.9	0.7	5786.45	637.67	318.83	0.12
	18.9	0.0	5739.0	760.9			
10	0.7	7.6	0.71	4875.48	537.28	268.64	0.12
	18.9	0.0	4828.7	680.5			

xc = 55.34 yc = 442.363 Rc = 24.984 Fs=4.659

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	1.6	-14.2	1.65	3257.42	358.97	179.48	0.12
	18.9	0.0	3573.6	868.9			
2	1.64	-10.2	1.67	10884.42	1199.46	599.73	0.12
	18.9	0.0	11333.1	1557.4			
3	1.62	-6.4	1.63	18102.35	1994.88	997.44	0.12
	18.9	0.0	18456.1	2163.7			
4	1.62	-2.7	1.62	18496.13	2038.27	1019.14	0.12
	18.9	0.0	18616.3	2164.1			
5	1.62	1.1	1.62	18565.44	2045.91	1022.96	0.12
	18.9	0.0	18528.7	2154.0			
6	1.62	4.8	1.63	18310.9	2017.86	1008.93	0.12
	18.9	0.0	18197.0	2133.4			
7	1.62	8.5	1.64	17729.31	1953.77	976.89	0.12
	18.9	0.0	17615.9	2102.0			
8	1.62	12.3	1.66	12615.37	1390.21	695.11	0.12
	18.9	0.0	12554.7	1676.6			
9	1.62	16.1	1.69	2586.9	285.08	142.54	0.12
	18.9	0.0	2474.0	788.0			
10	1.62	20.1	1.73	958.38	105.61	52.81	0.12
	18.9	0.0	793.6	660.8			

xc = 22.148 yc = 444.596 Rc = 33.616 Fs=20.00

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
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1	0.82	-7.3	0.82	2346.38	258.57	129.29	0.12
	18.9	0.0	-2562.5	-38917.3			
2	2.9	-4.1	2.91	13881.38	1529.73	764.86	0.12
	18.9	0.0	-7318.5	-297190.3			
3	1.86	0.0	1.86	9398.73	1035.74	517.87	0.12
	18.9	0.0	8674.4	-1424807.0			
4	1.86	3.2	1.86	9376.73	1033.32	516.66	0.12
	18.9	0.0	51033.0	-757572.4			
5	1.86	6.3	1.87	8988.9	990.58	495.29	0.12
	18.9	0.0	9024.1	181.6			
6	1.86	9.5	1.89	8230.05	906.95	453.48	0.12
	18.9	0.0	8316.3	175.4			
7	1.86	12.8	1.91	7091.56	781.49	390.75	0.12
	18.9	0.0	7234.8	165.6			
8	1.86	16.0	1.94	5560.29	612.74	306.37	0.12
	18.9	0.0	5743.7	151.5			
9	1.86	19.4	1.97	3618.76	398.79	199.39	0.12
	18.9	0.0	3792.2	132.3			
101.86		22.8	2.02	1243.26	137.01	68.5	0.12
	18.9	0.0	1307.2	106.6			

xc = 24.702 yc = 443.852 Rc = 33.117 Fs=24.00

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	0.07	-10.5	0.07	225.5	24.85	12.42	0.12
	18.9	0.0	232.5	17.2			
2	5.07	-6.7	5.11	25542.99	2814.84	1407.42	0.12
	18.9	0.0	25894.4	1517.7			
3	2.57	0.0	2.57	14493.18	1597.15	798.57	0.12
	18.9	0.0	14493.7	808.5			
4	2.57	4.4	2.58	14311.64	1577.14	788.57	0.12
	18.9	0.0	14292.3	805.0			
5	2.57	8.9	2.6	13143.04	1448.36	724.18	0.12
	18.9	0.0	13183.3	777.3			
6	2.57	13.5	2.65	10960.1	1207.8	603.9	0.12
	18.9	0.0	11101.4	722.0			
7	2.23	17.8	2.34	6891.01	759.39	379.69	0.12
	18.9	0.0	7067.2	553.6			
8	2.9	22.5	3.13	5655.43	623.23	311.61	0.12
	18.9	0.0	5879.4	632.9			
9	0.95	26.1	1.06	3175.25	349.91	174.96	0.12
	18.9	0.0	3416.2	273.7			
104.22		31.3	4.95	11173.4	1231.31	615.65	0.12
	18.9	0.0	12452.4	1206.2			

xc = 32.361 yc = 444.596 Rc = 30.855 Fs=24.00

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm ²)
1	1.6	-2.9	1.6	209.96	23.14	11.57	0.12
	18.9	0.0	212.2	39.9			
2	1.6	0.1	1.6	442.99	48.82	24.41	0.12
	18.9	0.0	442.9	41.3			
3	1.6	3.1	1.6	423.99	46.72	23.36	0.12
	18.9	0.0	422.4	41.3			
4	1.1	5.6	1.1	145.09	15.99	7.99	0.12
	18.9	0.0	143.1	27.5			
5	2.9	9.3	2.93	717.83	79.1	39.55	0.12
	18.9	0.0	715.1	76.1			
6	0.95	13.0	0.97	2438.86	268.76	134.38	0.12
	18.9	0.0	2493.5	40.9			
7	1.46	15.3	1.51	5800.88	639.26	319.63	0.12
	18.9	0.0	5992.3	78.8			
8	1.6	18.2	1.68	4966.54	547.31	273.66	0.12
	18.9	0.0	5204.7	78.9			
9	1.6	21.4	1.72	3216.82	354.49	177.25	0.12
	18.9	0.0	3429.9	68.7			
10	1.6	24.6	1.76	1154.77	127.26	63.63	0.12
	18.9	0.0	1247.2	55.5			

xc = 34.914 yc = 443.852 Rc = 30.342 Fs=24.00

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm ²)
1	2.22	-6.4	2.23	717.71	79.09	39.55	0.12
	18.9	0.0	736.7	131.2			
2	3.25	-1.2	3.25	2562.44	282.38	141.19	0.12
	18.9	0.0	2567.4	212.3			
3	1.18	3.0	1.19	1225.89	135.09	67.55	0.12
	18.9	0.0	1223.3	81.8			
4	1.71	5.8	1.72	2416.15	266.26	133.13	0.12
	18.9	0.0	2415.5	128.7			
5	0.95	8.3	0.96	3701.13	407.86	203.93	0.12
	18.9	0.0	3724.6	107.7			
6	0.05	9.2	0.05	186.8	20.59	10.29	0.12
	18.9	0.0	188.3	5.6			
7	0.03	9.0	0.03	191.38	21.09	10.55	0.12
	18.9	0.0	193.0	4.7			
8	8.69	18.0	9.14	34604.15	3813.38	1906.69	0.12
	18.9	0.0	36052.7	1077.1			
9	1.87	28.7	2.13	6969.33	768.02	384.01	0.12
	18.9	0.0	7817.7	262.0			
102.22		33.2	2.65	15687.26	1728.74	864.37	0.12
	18.9	0.0	18471.1	496.9			

xc = 37.467 yc = 444.596 Rc = 33.865 Fs=1.506

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	3.62 18.9	-20.8 0.0	3.88 8106.9	5434.69 6460.2	598.9	299.45	0.12
2	3.62 18.9	-14.4 0.0	3.74 16449.1	13906.09 8447.7	1532.45	766.23	0.12
3	5.02 18.9	-6.9 0.0	5.06 29801.0	28004.91 13225.7	3086.14	1543.07	0.12
4	2.9 18.9	-0.2 0.0	2.9 19642.0	19616.33 8223.0	2161.72	1080.86	0.12
5	2.95 18.9	4.8 0.0	2.96 35578.4	36508.22 12687.4	4023.21	2011.6	0.12
6	3.62 18.9	10.4 0.0	3.68 37309.4	39192.94 14057.1	4319.06	2159.53	0.12
7	3.14 18.9	16.3 0.0	3.28 29461.2	31442.61 11751.9	3464.98	1732.49	0.12
8	1.58 18.9	20.5 0.0	1.69 17983.8	19148.69 7022.6	2110.19	1055.09	0.12
9	6.14 18.9	27.8 0.0	6.94 92294.9	96593.85 36250.1	10644.64	5322.32	0.12
	103.62 18.9	37.6 0.0	4.57 37195.4	38428.17 18505.9	4234.78	2117.39	0.12

xc = 40.021 yc = 443.852 Rc = 29.321 Fs=20.00

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	0.13 18.9	-2.6 0.0	0.13 -435.4	4.07 -9847.4	0.45	0.22	0.12
2	0.95 18.9	-1.4 0.0	0.95 -2813.0	2416.68 -206716.8	266.32	133.16	0.12
3	0.05 18.9	-0.3 0.0	0.05 -64.3	127.11 -39210.9	14.01	7.0	0.12
4	0.03 18.9	-0.5 0.0	0.03 -47.9	152.38 -24098.2	16.79	8.4	0.12
5	7.45 18.9	7.0 0.0	7.51 30989.4	30839.14 669.3	3398.47	1699.24	0.12
6	1.24 18.9	15.6 0.0	1.28 5461.6	5291.23 119.9	583.09	291.55	0.12
7	1.58 18.9	18.5 0.0	1.67 9919.9	9464.83 192.2	1043.02	521.51	0.12
8	2.35 18.9	22.6 0.0	2.54 24631.4	22886.3 418.8	2522.07	1261.04	0.12
9	1.72 18.9	27.0 0.0	1.93 20748.2	18632.4 355.7	2053.29	1026.65	0.12

101.72	30.8	2.01	14724.53	1622.64	811.32	0.12
18.9	0.0	16984.2	322.6			

xc = 42.574 yc = 444.596 Rc = 30.271 Fs=20.00

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	0.08	-7.3	0.08	2.22	0.24	0.12	0.12
	18.9	0.0	-296.5	-2354.1			
2	0.95	-6.3	0.95	2479.53	273.24	136.62	0.12
	18.9	0.0	-3370.9	-53828.5			
3	0.05	-5.0	0.05	134.42	14.81	7.41	0.12
	18.9	0.0	-176.4	-3556.5			
4	0.03	-5.4	0.03	157.43	17.35	8.67	0.12
	18.9	0.0	-115.9	-2921.6			
5	8.69	3.1	8.7	44532.71	4907.51	2453.75	0.12
	18.9	0.0	89493.6	-834807.6			
6	1.58	12.9	1.62	12388.45	1365.21	682.6	0.12
	18.9	0.0	12660.2	217.2			
7	2.85	17.2	2.98	35173.22	3876.09	1938.05	0.12
	18.9	0.0	36659.1	567.5			
8	2.03	22.1	2.19	26511.79	2921.6	1460.8	0.12
	18.9	0.0	28452.5	448.9			
9	2.03	26.4	2.27	22962.22	2530.44	1265.22	0.12
	18.9	0.0	25436.9	429.1			
102.03		30.7	2.37	17898.21	1972.38	986.19	0.12
	18.9	0.0	20627.1	388.0			

xc = 45.127 yc = 443.852 Rc = 25.901 Fs=1.939

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	0.46	7.4	0.46	848.81	93.54	46.77	0.12
	18.9	0.0	788.0	525.9			
2	0.46	9.1	0.46	796.5	87.77	43.89	0.12
	18.9	0.0	725.3	516.1			
3	0.69	10.3	0.7	1080.82	119.11	59.55	0.12
	18.9	0.0	963.9	752.1			
4	0.23	11.4	0.23	325.41	35.86	17.93	0.12
	18.9	0.0	283.7	244.4			
5	0.46	12.1	0.47	587.96	64.79	32.4	0.12
	18.9	0.0	501.3	476.3			
6	0.46	13.2	0.47	2955.09	325.65	162.83	0.12
	18.9	0.0	2810.9	983.1			
7	0.46	14.2	0.47	4066.99	448.18	224.09	0.12
	18.9	0.0	3894.3	1226.2			

8	0.46	15.3	0.47	3962.19	436.63	218.32	0.12
	18.9	0.0	3788.3	1210.7			
9	0.46	16.3	0.48	3849.53	424.22	212.11	0.12
	18.9	0.0	3675.7	1193.8			
100.46		17.4	0.48	2928.89	322.76	161.38	0.12
	18.9	0.0	2769.8	1001.6			

xc = 47.68 yc = 444.596 Rc = 27.401 Fs=1.693

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	0.95	2.4	0.95	3530.48	389.06	194.53	0.12
	18.9	0.0	3464.6	1678.3			
2	0.68	4.4	0.68	2465.87	271.74	135.87	0.12
	18.9	0.0	2383.1	1177.6			
3	1.22	6.4	1.23	7356.87	810.73	405.36	0.12
	18.9	0.0	7089.1	2822.2			
4	0.95	8.7	0.96	10655.34	1174.22	587.11	0.12
	18.9	0.0	10269.2	3378.2			
5	0.95	10.7	0.97	10363.56	1142.07	571.03	0.12
	18.9	0.0	9931.0	3320.0			
6	0.95	12.7	0.97	10009.26	1103.02	551.51	0.12
	18.9	0.0	9544.5	3254.7			
7	0.95	14.8	0.98	9591.08	1056.94	528.47	0.12
	18.9	0.0	9108.0	3181.1			
8	0.95	16.8	0.99	9107.3	1003.62	501.81	0.12
	18.9	0.0	8617.7	3098.6			
9	0.95	18.9	1.0	8555.83	942.85	471.43	0.12
	18.9	0.0	8070.0	3005.2			
100.95		21.0	1.02	7134.32	786.2	393.1	0.12
	18.9	0.0	6676.1	2695.2			

xc = 50.233 yc = 443.852 Rc = 25.478 Fs=2.598

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	0.82	-2.8	0.82	1204.07	132.69	66.34	0.12
	18.9	0.0	1237.4	665.1			
2	0.78	-1.2	0.78	1213.35	133.71	66.86	0.12
	18.9	0.0	1226.7	641.0			
3	0.85	0.7	0.86	1477.5	162.82	81.41	0.12
	18.9	0.0	1468.8	722.0			
4	0.82	2.6	0.82	7791.88	858.66	429.33	0.12
	18.9	0.0	7724.1	1693.1			
5	0.82	4.4	0.82	7714.49	850.14	425.07	0.12
	18.9	0.0	7608.3	1679.0			

6	0.82	6.3	0.82	7596.05	837.09	418.54	0.12
	18.9	0.0	7460.3	1661.9			
7	0.82	8.1	0.83	7436.13	819.46	409.73	0.12
	18.9	0.0	7279.7	1641.7			
8	0.82	10.0	0.83	7234.24	797.21	398.61	0.12
	18.9	0.0	7065.0	1618.3			
9	0.82	11.8	0.84	6989.69	770.26	385.13	0.12
	18.9	0.0	6815.2	1591.1			
100.82		13.7	0.84	5901.77	650.37	325.19	0.12
	18.9	0.0	5735.8	1430.8			

xc = 52.787 yc = 444.596 Rc = 27.733 Fs=2.751

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	1.63	-6.8	1.64	6500.29	716.33	358.17	0.12
	18.9	0.0	6774.7	1911.2			
2	1.47	-4.0	1.47	11343.15	1250.02	625.01	0.12
	18.9	0.0	11548.5	2527.0			
3	1.55	-0.9	1.55	19225.6	2118.66	1059.33	0.12
	18.9	0.0	19286.3	3719.5			
4	1.55	2.3	1.55	19170.68	2112.61	1056.3	0.12
	18.9	0.0	19038.8	3685.5			
5	1.55	5.5	1.55	18862.23	2078.62	1039.31	0.12
	18.9	0.0	18601.1	3637.0			
6	1.55	8.7	1.56	18297.44	2016.38	1008.19	0.12
	18.9	0.0	17969.8	3573.1			
7	1.55	12.0	1.58	17470.74	1925.28	962.64	0.12
	18.9	0.0	17134.9	3491.6			
8	1.55	15.2	1.6	16374.05	1804.42	902.21	0.12
	18.9	0.0	16080.1	3389.3			
9	1.55	18.6	1.63	3428.2	377.79	188.89	0.12
	18.9	0.0	3161.6	1428.4			
101.55		22.0	1.67	955.65	105.31	52.66	0.12
	18.9	0.0	628.9	1072.8			

xc = 55.34 yc = 443.852 Rc = 26.041 Fs=4.818

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	1.59	-13.1	1.63	2033.97	224.14	112.07	0.12
	18.9	0.0	2250.7	715.3			
2	1.45	-10.0	1.48	7689.08	847.34	423.67	0.12
	18.9	0.0	8006.9	1157.0			
3	1.52	-6.6	1.53	15706.93	1730.9	865.45	0.12
	18.9	0.0	16027.7	1854.6			

4	1.52	-3.3	1.53	16089.15	1773.02	886.51	0.12
	18.9	0.0	16222.3	1859.4			
5	1.52	0.1	1.52	16212.41	1786.61	893.3	0.12
	18.9	0.0	16210.2	1854.5			
6	1.52	3.4	1.53	16078.17	1771.82	885.91	0.12
	18.9	0.0	15996.8	1840.4			
7	1.52	6.8	1.53	15684.92	1728.48	864.24	0.12
	18.9	0.0	15580.9	1816.8			
8	1.52	10.2	1.55	15028.58	1656.15	828.07	0.12
	18.9	0.0	14953.9	1782.8			
9	1.52	13.6	1.57	3905.86	430.43	215.21	0.12
	18.9	0.0	3822.6	833.5			
101.52		17.1	1.59	713.11	78.58	39.29	0.12
	18.9	0.0	579.7	566.2			

xc = 34.914 yc = 445.34 Rc = 31.54 Fs=24.00

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	2.0	-2.5	2.0	317.9	35.03	17.52	0.12
	18.9	0.0	320.2	46.9			
2	1.37	0.6	1.37	393.53	43.37	21.68	0.12
	18.9	0.0	393.2	33.0			
3	2.9	4.5	2.9	2109.21	232.44	116.22	0.12
	18.9	0.0	2109.5	78.3			
4	1.75	8.7	1.77	4077.44	449.33	224.67	0.12
	18.9	0.0	4114.9	65.8			
5	2.0	12.2	2.05	9189.32	1012.66	506.33	0.12
	18.9	0.0	9378.1	106.3			
6	2.0	15.9	2.08	7287.35	803.07	401.53	0.12
	18.9	0.0	7551.1	97.1			
7	2.0	19.7	2.13	4841.47	533.53	266.76	0.12
	18.9	0.0	5115.3	84.3			
8	1.97	23.6	2.15	3999.46	440.74	220.37	0.12
	18.9	0.0	4332.5	81.8			
9	1.58	27.2	1.78	5725.07	630.9	315.45	0.12
	18.9	0.0	6395.7	89.3			
102.46		31.4	2.88	15841.82	1745.77	872.88	0.12
	18.9	0.0	18455.7	209.6			

xc = 37.467 yc = 446.084 Rc = 35.208 Fs=20.00

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	3.65	-19.9	3.88	5264.24	580.12	290.06	0.12
	18.9	0.0	-12973.6	-54676.2			

2	3.65	-13.6	3.76	13466.34	1483.99	742.0	0.12
	18.9	0.0	-11440.2	-107276.9			
3	4.91	-6.6	4.94	26183.86	2885.46	1442.73	0.12
	18.9	0.0	-11172.0	-328759.1			
4	2.9	-0.2	2.9	18802.57	2072.04	1036.02	0.12
	18.9	0.0	15083.6	-1246891.0			
5	3.15	4.8	3.16	37838.12	4169.76	2084.88	0.12
	18.9	0.0	102512.2	-778585.7			
6	3.65	10.3	3.71	38367.71	4228.12	2114.06	0.12
	18.9	0.0	38892.5	607.7			
7	2.92	15.8	3.04	28709.64	3163.8	1581.9	0.12
	18.9	0.0	29710.3	483.5			
8	1.58	19.7	1.68	18969.59	2090.45	1045.23	0.12
	18.9	0.0	20039.6	316.9			
9	6.45	26.9	7.23	100995.5	11129.71	5564.85	0.12
	18.9	0.0	112484.6	1777.2			
103.65		36.5	4.54	38406.65	4232.41	2116.21	0.12
	18.9	0.0	47259.0	905.8			

xc = 40.021 yc = 445.34 Rc = 34.282 Fs=1.426

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	3.55	-19.7	3.77	4941.23	544.52	272.26	0.12
	18.9	0.0	7423.8	6450.6			
2	3.55	-13.5	3.65	12631.47	1391.99	695.99	0.12
	18.9	0.0	14938.5	8345.9			
3	2.11	-8.7	2.13	9990.76	1100.98	550.49	0.12
	18.9	0.0	10925.0	5437.0			
4	2.9	-4.4	2.9	17205.62	1896.06	948.03	0.12
	18.9	0.0	17895.0	8214.6			
5	0.95	-1.2	0.95	8717.9	960.71	480.36	0.12
	18.9	0.0	8796.4	3526.5			
6	0.05	-0.2	0.05	459.94	50.69	25.34	0.12
	18.9	0.0	460.7	185.0			
7	0.03	-0.4	0.03	372.36	41.03	20.52	0.12
	18.9	0.0	373.3	142.1			
8	8.69	7.0	8.76	95807.7	10558.01	5279.0	0.12
	18.9	0.0	92128.5	35974.5			
9	1.58	15.8	1.64	20762.48	2288.03	1144.01	0.12
	18.9	0.0	19502.7	7624.9			
1012.09		28.7	13.79	175130.3	19299.36	9649.68	0.12
	18.9	0.0	165639.5	70880.2			

xc = 47.68 yc = 446.084 Rc = 28.242 Fs=1.963

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
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1	0.78	2.4	0.79	1957.35	215.7	107.85	0.12
	18.9	0.0	1916.5	997.6			
2	0.83	4.1	0.83	2011.2	221.63	110.82	0.12
	18.9	0.0	1942.3	1037.0			
3	0.74	5.7	0.75	1726.6	190.27	95.14	0.12
	18.9	0.0	1644.3	915.2			
4	0.78	7.3	0.79	7209.61	794.5	397.25	0.12
	18.9	0.0	7004.7	2084.1			
5	0.78	8.9	0.79	7805.2	860.13	430.07	0.12
	18.9	0.0	7558.7	2212.4			
6	0.78	10.5	0.8	7606.03	838.18	419.09	0.12
	18.9	0.0	7338.7	2179.1			
7	0.78	12.1	0.8	7372.64	812.47	406.23	0.12
	18.9	0.0	7091.1	2141.9			
8	0.78	13.7	0.81	7104.6	782.93	391.46	0.12
	18.9	0.0	6815.1	2100.4			
9	0.78	15.4	0.81	6801.09	749.48	374.74	0.12
	18.9	0.0	6508.8	2054.6			
100	0.78	17.0	0.82	5661.38	623.88	311.94	0.12
	18.9	0.0	5384.8	1830.8			

xc = 50.233 yc = 445.34 Rc = 26.339 Fs=4.143

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	0.5	-4.4	0.5	130.94	14.43	7.21	0.12
	18.9	0.0	146.2	194.1			
2	0.5	-2.1	0.5	161.22	17.77	8.88	0.12
	18.9	0.0	168.4	195.5			
3	0.59	-0.9	0.59	218.04	24.03	12.01	0.12
	18.9	0.0	221.8	233.4			
4	0.41	0.2	0.41	156.96	17.3	8.65	0.12
	18.9	0.0	156.4	161.2			
5	0.5	1.1	0.5	704.99	77.69	38.85	0.12
	18.9	0.0	700.2	248.2			
6	0.5	2.3	0.5	4152.6	457.62	228.81	0.12
	18.9	0.0	4132.6	589.5			
7	0.5	3.3	0.5	4129.78	455.1	227.55	0.12
	18.9	0.0	4102.7	587.3			
8	0.5	4.4	0.5	4098.06	451.61	225.8	0.12
	18.9	0.0	4065.3	584.5			
9	0.5	5.5	0.5	4057.38	447.12	223.56	0.12
	18.9	0.0	4020.4	581.3			
10	0.5	6.6	0.5	3207.69	353.49	176.74	0.12
	18.9	0.0	3171.9	498.0			

xc = 55.34 yc = 445.34 Rc = 27.124 Fs=4.876

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	1.58	-13.1	1.63	893.45	98.46	49.23	0.12
	18.9	0.0	1053.7	600.3			
2	1.23	-9.8	1.25	4518.91	497.98	248.99	0.12
	18.9	0.0	4720.4	790.6			
3	1.41	-7.0	1.42	13356.45	1471.88	735.94	0.12
	18.9	0.0	13649.9	1595.8			
4	1.41	-4.0	1.41	13717.03	1511.62	755.81	0.12
	18.9	0.0	13862.1	1603.6			
5	1.41	-1.0	1.41	13881.33	1529.72	764.86	0.12
	18.9	0.0	13912.1	1603.2			
6	1.41	2.0	1.41	13850.61	1526.34	763.17	0.12
	18.9	0.0	13804.2	1594.9			
7	1.41	4.9	1.41	13624.55	1501.43	750.71	0.12
	18.9	0.0	13539.4	1578.9			
8	1.41	7.9	1.42	13201.56	1454.81	727.41	0.12
	18.9	0.0	13114.5	1554.5			
9	1.41	10.9	1.43	10670.73	1175.91	587.96	0.12
	18.9	0.0	10610.7	1356.8			
10	1.41	14.0	1.45	494.82	54.53	27.26	0.12
	18.9	0.0	391.6	489.7			

xc = 34.914 yc = 446.829 Rc = 32.737 Fs=20.00

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	1.15	4.2	1.16	189.2	20.85	10.42	0.12
	18.9	0.0	186.1	50.0			
2	0.94	6.0	0.95	387.33	42.68	21.34	0.12
	18.9	0.0	384.9	43.7			
3	0.95	7.7	0.96	2695.98	297.1	148.55	0.12
	18.9	0.0	2710.8	71.1			
4	0.05	8.5	0.05	134.31	14.8	7.4	0.12
	18.9	0.0	135.3	3.7			
5	0.03	8.3	0.03	156.73	17.27	8.64	0.12
	18.9	0.0	157.9	3.2			
6	3.79	12.0	3.87	15216.93	1676.91	838.45	0.12
	18.9	0.0	15487.7	344.6			
7	1.15	16.5	1.2	3254.35	358.63	179.31	0.12
	18.9	0.0	3368.0	91.9			
8	1.15	18.6	1.22	2457.71	270.84	135.42	0.12
	18.9	0.0	2566.4	83.9			
9	1.15	20.7	1.23	1556.9	171.57	85.79	0.12
	18.9	0.0	1638.5	74.4			
10	1.15	22.9	1.25	547.51	60.34	30.17	0.12
	18.9	0.0	569.9	63.2			

xc = 40.021 yc = 446.829 Rc = 35.625 Fs=1.446

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	3.57 18.9	-18.8 0.0	3.77 7028.4	4763.26 6209.0	524.91	262.46	0.12
2	3.57 18.9	-12.8 0.0	3.66 14259.4	12174.89 8021.9	1341.67	670.84	0.12
3	1.98 18.9	-8.2 0.0	2.0 9714.4	8924.7 4869.6	983.5	491.75	0.12
4	2.9 18.9	-4.3 0.0	2.9 17046.3	16413.71 7856.6	1808.79	904.4	0.12
5	0.95 18.9	-1.2 0.0	0.95 8524.7	8452.07 3400.4	931.42	465.71	0.12
6	0.05 18.9	-0.2 0.0	0.05 446.7	445.89 178.5	49.14	24.57	0.12
7	0.03 18.9	-0.4 0.0	0.03 364.0	363.07 137.5	40.01	20.01	0.12
8	8.69 18.9	6.8 0.0	8.75 90075.9	93526.88 34864.2	10306.66	5153.33	0.12
9	1.58 18.9	15.1 0.0	1.64 19268.7	20471.47 7423.4	2255.96	1127.98	0.12
10	12.4 18.9	27.8 0.0	14.02 166689.4	176288.4 69910.5	19426.98	9713.49	0.12

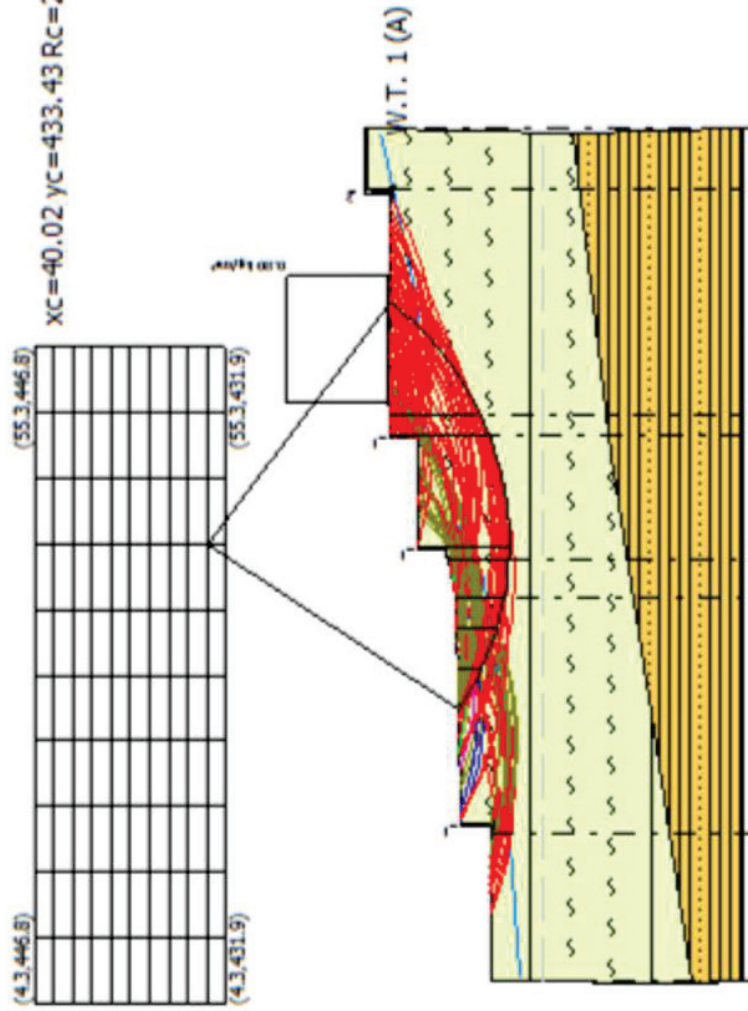
xc = 45.127 yc = 446.829 Rc = 33.96 Fs=1.781

Nr.	B Fi m (°)	Alfa Ui (°) (Kg)	Li N'i m (Kg)	Wi Ti (Kg) (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)
1	2.54 18.9	-12.9 0.0	2.61 3608.6	2843.3 3089.4	313.33	156.67	0.12
2	0.95 18.9	-9.9 0.0	0.96 4917.6	4510.47 1968.2	497.05	248.53	0.12
3	0.05 18.9	-9.0 0.0	0.05 264.1	244.69 104.6	26.97	13.48	0.12
4	0.03 18.9	-8.8 0.0	0.03 246.4	230.48 85.8	25.4	12.7	0.12
5	8.69 18.9	-1.6 0.0	8.69 70153.4	69469.68 23468.2	7655.56	3827.78	0.12
6	1.58 18.9	7.1 0.0	1.59 17829.7	18366.25 5490.1	2023.96	1011.98	0.12
7	6.19 18.9	13.8 0.0	6.37 102361.9	106315.9 29821.7	11716.02	5858.01	0.12
8	2.86 18.9	21.8 0.0	3.08 42748.4	44312.87 13404.6	4883.28	2441.64	0.12
9	2.86 18.9	27.1 0.0	3.21 27516.6	28611.81 10154.9	3153.02	1576.51	0.12

102.86	32.7	3.4	5262.32	579.91	289.95	0.12
18.9	0.0	3859.1	4432.0			

limo argilloso
 $g = 1898 \text{ Kg/m}^3$
 $gs = 1931 \text{ Kg/m}^3$
 $Fi = 23,2^\circ$
 $c = 0,1549 \text{ kg/cm}^2$

argilla limosa
 $g = 1871 \text{ Kg/m}^3$
 $gs = 1907 \text{ Kg/m}^3$
 $Fi = 24,4^\circ$
 $c = 0,1760 \text{ kg/cm}^2$



Quote	411.31	411.30	11.42	17.99	413.97	414.59	32.82	42.79	419.20	421.22
Distance Periziali	0.00	11.42	17.99	413.97	414.59	32.82	42.79	419.20	421.22	421.22
Distance Progressive	0.00	11.42	17.99	413.97	414.59	32.82	42.79	419.20	421.22	421.22

$Xc = 40,02$ $Yc = 433,43$ $Rc = 23,54$ $Fs = 1,32$

VERIFICA POSTOPERAM

Analisi di stabilità dei pendii con: JANBU (1967)

Lat./Long.	40.669405/16.596196
Normativa	NTC 2008
Numero di strati	2.0
Numero dei conci	10.0
Grado di sicurezza ritenuto accettabile	1.3
Coefficiente parziale resistenza	1.0
Parametri geotecnici da usare. Angolo di attrito:	Picco
Analisi	Condizione drenata
Superficie di forma circolare	

Maglia dei Centri

Ascissa vertice sinistro inferiore xi	4.28 m
Ordinata vertice sinistro inferiore yi	431.94 m
Ascissa vertice destro superiore xs	55.34 m
Ordinata vertice destro superiore ys	446.83 m
Passo di ricerca	10.0
Numero di celle lungo x	10.0
Numero di celle lungo y	10.0

Coefficienti sismici [N.T.C.]

Dati generali

Tipo opera:	2 - Opere ordinarie
Classe d'uso:	Classe II
Vita nominale:	50.0 [anni]
Vita di riferimento:	50.0 [anni]

Parametri sismici su sito di riferimento

Categoria sottosuolo:	C
Categoria topografica:	T2

S.L. Stato limite	TR Tempo ritorno [anni]	ag [m/s ²]	F0 [-]	TC* [sec]
S.L.O.	30.0	0.37	2.47	0.28
S.L.D.	50.0	0.49	2.52	0.3
S.L.V.	475.0	1.36	2.5	0.35
S.L.C.	975.0	1.75	2.54	0.35

Coefficienti sismici orizzontali e verticali

Opera:	Stabilità dei pendii e Fondazioni
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S.L. Stato limite	amax [m/s ²]	beta [-]	kh [-]	kv [sec]
S.L.O.	0.666	0.2	0.0136	0.0068
S.L.D.	0.882	0.2	0.018	0.009
S.L.V.	2.4349	0.24	0.0596	0.0298

S.L.C.	2.9988	0.24	0.0734	0.0367
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Coefficiente azione sismica orizzontale 0.0596
Coefficiente azione sismica verticale 0.0298

Vertici profilo

Nr	X (m)	y (m)
1	5.99	411.31
2	17.4	411.3
3	17.83	411.35
4	18.25	411.35
5	18.25	413.6
6	18.32	411.42
7	18.27	413.55
8	20.83	412.2
9	37.58	412.29
10	38.77	414.75
11	39.76	416.93
12	48.48	416.93
13	48.48	419.18
14	50.11	419.2
15	67.5	419.2
16	67.5	421.2
17	72.23	421.22

Falda

Nr.	X (m)	y (m)
1	6.37	409.11
2	24.78	410.47
3	31.53	410.94
4	38.02	412.03
5	41.48	414.1
6	49.23	416.47
7	59.43	417.29
8	71.25	419.79
9	71.99	419.94

Vertici strato1

N	X (m)	y (m)
1	5.95	395.69
2	26.72	398.89
3	46.9	402.0
4	71.99	404.98

Coefficienti parziali per i parametri geotecnici del terreno

Tangente angolo di resistenza al taglio 1.25
Coesione efficace 1.25
Coesione non drenata 1.4
Riduzione parametri geotecnici terreno Si

Stratigrafia

Strato	Coesione	Coesione non	Angolo	Peso unità di	Peso saturo	Litologia
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	(kg/cm ²)	drenata (kg/cm ²)	resistenza al taglio (°)	volume (Kg/m ³)	(Kg/m ³)		
1	0.1549	1.41	23.2	1898	1931	limo argilloso	
2	0.1760	2.32	24.4	1871	1907	argilla limosa	

Muri di sostegno - Caratteristiche geometriche

N°	x (m)	y (m)	Base mensola a valle (m)	Base mensola a monte (m)	Altezza muro (m)	Spessore testa (m)	Spessore base (m)	Peso specifico (Kg/m ³)
1	39.76	414.75	0.5	0.5	2.25	0.25	0.25	2500
2	48.48	416.93	0.5	0.5	2.25	0.25	0.25	2500
3	18.25	411.35	0.5	0.5	2.25	0.25	0.25	2500
4	67.5	419.2	0.3	0.3	2	0.3	0.3	2500

Pali...

N°	x (m)	y (m)	Diametro (m)	Lunghezza (m)	Inclinazion e (°)	Interasse (m)	Resistenza al taglio (kg/cm ²)	Momento plasticizza zione (kN*m)	Metodo stabilizzazi one
1	38.64489	415.0266	0.8	11	90	1	15	1500	Tensione tangenziale
2	21.48824	412.1992	0.8	14	90	2.5	15	1500	Tensione tangenziale
3	24.89684	412.1992	0.8	14	90	2.5	15	1500	Tensione tangenziale
4	27.96459	412.1992	0.8	14	90	2.5	15	1500	Tensione tangenziale
5	31.14595	412.1992	0.8	14	90	2.5	15	1500	Tensione tangenziale
6	34.10008	412.1992	0.8	14	90	2.5	15	1500	Tensione tangenziale

Carichi distribuiti

N°	xi (m)	yi (m)	xf (m)	yf (m)	Carico esterno (kg/cm ²)
1	21.19	412.29	35.44	412.3691	1.11
2	50.95	419.27	60.95	419.27	0.8

Risultati analisi pendio [A2+M2+R2]

Fs minimo individuato	1.42
Ascissa centro superficie	45.13 m
Ordinata centro superficie	433.43 m
Raggio superficie	16.45 m

B: Larghezza del concio; Alfa: Angolo di inclinazione della base del concio; Li: Lunghezza della base del concio; Wi: Peso del concio; Ui: Forze derivanti dalle pressioni neutre; Ni: forze agenti normalmente alla direzione di scivolamento; Ti: forze agenti parallelamente alla superficie di scivolamento; Fi: Angolo di attrito; c: coesione.

$$xc = 17.042 \quad yc = 432.688 \quad Rc = 21.736 \quad Fs=20.00$$

Nr.	B	Alfa	Li	Wi	Kh•Wi	Kv•Wi	c	Fi	Ui	N'i	Ti
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	m	(°)	m	(Kg)	(Kg)	(Kg)	(kg/cm²)	(°)	(Kg)	(Kg)	(Kg)
1	1.12	-8.8	1.13	198.63	11.84	5.92	0.12	18.9	0.0	86.4	-747.5
2	1.12	-5.8	1.13	500.82	29.85	14.92	0.12	18.9	0.0	422.6	-797.3
3	1.12	-2.9	1.12	678.3	40.43	20.21	0.12	18.9	0.0	637.6	-829.4
4	0.89	-0.2	0.89	580.35	34.59	17.29	0.12	18.9	0.0	577.9	-668.4
5	0.89	2.1	0.89	2843.57	169.48	84.74	0.12	18.9	0.0	2885.5	-1080.9
6	1.58	5.4	1.59	6206.48	369.91	184.95	0.12	18.9	0.0	6437.7	-2158.8
7	0.95	8.8	0.96	2250.13	134.11	67.05	0.12	18.9	0.0	2438.1	-1057.5
8	1.29	11.8	1.32	12244.72	729.79	364.89	0.12	18.9	0.0	13167.2	-3232.8
9	1.12	15.0	1.16	13530.4	806.41	403.21	0.12	18.9	0.0	14915.6	-3493.2
10	1.12	18.1	1.18	1724.92	698.81	349.4	0.12	18.9	0.0	13350.7	-3271.0

xc = 19.595 yc = 431.944 Rc = 22.272 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	1.88	-19.5	1.99	1264.72	75.38	37.69	0.12	18.9	0.0	760.9	-1739.0
2	1.88	-14.5	1.94	3296.7	196.48	98.24	0.12	18.9	0.0	2879.6	-2102.5
3	2.43	-8.8	2.45	6280.55	374.32	187.16	0.12	18.9	0.0	5884.8	-3074.5
4	1.33	-3.9	1.33	6311.12	376.14	188.07	0.12	18.9	0.0	6170.4	-2267.8
5	2.1	0.5	2.11	2279.47	731.86	365.93	0.12	18.9	0.0	12314.2	-4095.2
6	1.66	5.3	1.67	22121.13	1318.42	659.21	0.12	18.9	0.0	22770.1	-5954.8
7	1.88	9.9	1.91	28741.92	1713.02	856.51	0.12	18.9	0.0	30524.6	-7820.6
8	1.88	14.9	1.94	27292.68	1626.64	813.32	0.12	18.9	0.0	30276.5	-7945.9
9	1.88	19.9	2.02	5229.18	1503.66	751.83	0.12	18.9	0.0	29588.9	-8062.6
10	1.88	25.2	2.07	21380.06	1274.25	637.13	0.12	18.9	0.0	26957.8	-7839.2

xc = 22.148 yc = 432.688 Rc = 23.196 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	2.0	-20.2	2.13	1484.95	88.5	44.25	0.12	18.9	0.0	805.7	-2252.2
2	2.24	-14.7	2.31	4467.64	266.27	133.14	0.12	18.9	0.0	3824.9	-3133.3
3	1.76	-9.6	1.78	12687.05	756.15	378.07	0.12	18.9	0.0	12087.6	-4675.6
4	1.67	-5.3	1.67	9665.66	576.07	288.04	0.12	18.9	0.0	9350.5	-3847.1
5	2.33	-0.4	2.33	3925.67	2021.97	1010.99	0.12	18.9	0.0	33856.5	-10516.7
6	2.0	5.0	2.01	32247.97	1921.98	960.99	0.12	18.9	0.0	33248.7	-10111.8
7	2.0	10.0	2.03	31289.21	1864.84	932.42	0.12	18.9	0.0	33553.2	-10325.6
8	2.0	15.0	2.07	29633.42	1766.15	883.08	0.12	18.9	0.0	33413.4	-10531.6
9	2.0	20.2	2.13	27242.74	1623.67	811.83	0.12	18.9	0.0	32733.4	-10716.6
10	2.0	25.6	2.22	22977.2	1369.44	684.72	0.12	18.9	0.0	29996.8	-10479.8

xc = 32.361 yc = 432.688 Rc = 19.869 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
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1	0.5	18.1	0.53	411.8	24.54	12.27	0.12	18.9	0.0	1205.1	-2488.4
2	0.99	20.4	1.05	5516.9	328.81	164.4	0.12	18.9	0.0	9695.8	-10959.7
3	0.37	22.4	0.4	1826.87	108.88	54.44	0.12	18.9	0.0	3539.3	-4104.1
4	0.62	24.0	0.68	2808.64	167.4	83.7	0.12	18.9	0.0	5905.7	-6961.4
5	0.62	25.9	0.69	2470.36	147.23	73.62	0.12	18.9	0.0	5824.1	-7035.6
6	0.62	28.0	0.7	2100.94	125.22	62.61	0.12	18.9	0.0	5711.3	-7105.6
7	0.62	30.0	0.71	1698.71	101.24	50.62	0.12	18.9	0.0	5518.1	-7118.8
8	0.62	32.1	0.73	1261.59	75.19	37.6	0.12	18.9	0.0	5261.1	-7099.7
9	0.62	34.2	0.75	787.28	46.92	23.46	0.12	18.9	0.0	4868.6	-6969.4
10	0.62	36.4	0.77	272.9	16.27	8.13	0.12	18.9	0.0	4334.2	-6729.4

xc = 34.914 yc = 431.944 Rc = 17.625 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.54	13.6	0.55	540.71	32.23	16.11	0.12	18.9	0.0	1437.2	-3752.8
2	0.45	15.2	0.47	3461.61	206.31	103.16	0.12	18.9	0.0	5729.9	-8162.3
3	0.62	17.0	0.65	2176.01	129.69	64.84	0.12	18.9	0.0	4507.8	-7631.3
4	0.54	19.0	0.57	1678.48	100.04	50.02	0.12	18.9	0.0	3980.9	-6779.0
5	0.54	20.9	0.57	1480.3	88.23	44.11	0.12	18.9	0.0	4072.5	-6991.2
6	0.54	22.7	0.58	1261.65	75.19	37.6	0.12	18.9	0.0	4154.3	-7209.6
7	0.54	24.6	0.59	1021.76	60.9	30.45	0.12	18.9	0.0	4211.1	-7415.2
8	0.54	26.6	0.6	759.7	45.28	22.64	0.12	18.9	0.0	4279.1	-7662.4
9	0.54	28.6	0.61	474.36	28.27	14.14	0.12	18.9	0.0	4311.4	-7888.2
10	0.54	30.5	0.62	164.42	9.8	4.9	0.12	18.9	0.0	4280.3	-8056.0

xc = 37.467 yc = 432.688 Rc = 18.668 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.34	3.5	0.34	220.76	13.16	6.58	0.12	18.9	0.0	289.8	-1114.8
2	0.99	5.5	0.99	5423.91	323.27	161.63	0.12	18.9	0.0	6135.5	-7119.3
3	1.38	9.2	1.4	7006.62	417.59	208.8	0.12	18.9	0.0	8725.3	-10191.4
4	0.9	12.8	0.93	4193.71	249.94	124.97	0.12	18.9	0.0	5813.5	-6852.4
5	0.9	15.7	0.94	3801.2	226.55	113.28	0.12	18.9	0.0	5834.6	-6989.5
6	0.9	18.5	0.95	3324.5	198.14	99.07	0.12	18.9	0.0	5754.6	-7076.7
7	0.9	21.5	0.97	2759.57	164.47	82.24	0.12	18.9	0.0	5579.8	-7127.2
8	0.9	24.5	0.99	2101.33	125.24	62.62	0.12	18.9	0.0	5244.1	-7080.1
9	0.9	27.6	1.02	1343.24	80.06	40.03	0.12	18.9	0.0	4725.6	-6924.4
10	0.9	30.8	1.05	477.07	28.43	14.22	0.12	18.9	0.0	3904.5	-6543.4

xc = 40.021 yc = 431.944 Rc = 17.168 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.95	-2.5	0.95	4142.81	246.91	123.46	0.12	18.9	0.0	3878.5	-6243.2
2	0.95	0.7	0.95	3891.56	231.94	115.97	0.12	18.9	0.0	3973.3	-6318.8

3	0.95	3.9	0.96	3820.35	227.69	113.85	0.12	18.9	0.0	4276.3	-6596.7
4	0.95	7.1	0.96	3654.18	217.79	108.89	0.12	18.9	0.0	4531.7	-6867.5
5	0.95	10.3	0.97	3389.89	202.04	101.02	0.12	18.9	0.0	4719.0	-7114.6
6	0.95	13.6	0.98	3024.77	180.28	90.14	0.12	18.9	0.0	4836.1	-7341.1
7	0.95	16.9	1.0	2555.14	152.29	76.14	0.12	18.9	0.0	4853.3	-7521.7
8	0.95	20.2	1.02	1976.04	117.77	58.89	0.12	18.9	0.0	4752.2	-7645.6
9	0.95	23.7	1.04	1280.66	76.33	38.16	0.12	18.9	0.0	4471.3	-7654.2
10	0.95	27.2	1.07	460.29	27.43	13.72	0.12	18.9	0.0	3926.8	-7465.2

xc = 42.574 yc = 432.688 Rc = 21.10 Fs=4.767

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.4	-14.2	0.42	40.67	2.42	1.21	0.12	18.9	0.0	76.5	141.1
2	1.19	-12.1	1.22	3327.66	198.33	99.16	0.12	18.9	0.0	3549.3	702.7
3	0.99	-9.0	1.0	9678.48	576.84	288.42	0.12	18.9	0.0	9986.5	1188.2
4	6.07	0.6	6.07	62043.58	3697.8	1848.9	0.12	18.9	0.0	61971.5	7242.6
5	2.7	12.6	2.77	27312.25	1627.81	813.91	0.12	18.9	0.0	27268.4	3298.2
6	1.62	18.7	1.71	20170.47	1202.16	601.08	0.12	18.9	0.0	20516.6	2433.9
7	2.16	24.3	2.37	34786.41	2073.27	1036.64	0.12	18.9	0.0	36407.3	4259.0
8	2.16	30.9	2.52	36473.37	2173.81	1086.91	0.12	18.9	0.0	39978.3	4939.5
9	2.16	38.1	2.75	30293.52	1805.49	902.75	0.12	18.9	0.0	35419.2	4973.3
10	2.16	46.0	3.12	21449.22	1278.37	639.19	0.12	18.9	0.0	27436.6	4812.3

xc = 45.127 yc = 431.944 Rc = 17.643 Fs=1.759

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.7	-18.9	0.74	3380.32	201.47	100.73	0.12	18.9	0.0	4117.1	1678.6
2	2.96	-12.8	3.03	12282.41	732.03	366.02	0.12	18.9	0.0	13914.9	5961.9
3	1.83	-4.9	1.83	8906.0	530.8	265.4	0.12	18.9	0.0	9255.9	3727.6
4	1.83	1.1	1.83	9154.86	545.63	272.81	0.12	18.9	0.0	9087.9	3670.1
5	2.16	7.6	2.18	12434.42	741.09	370.55	0.12	18.9	0.0	11928.2	4672.9
6	1.58	13.8	1.63	13242.92	789.28	394.64	0.12	18.9	0.0	12577.0	4443.9
7	1.74	19.4	1.84	20170.23	1202.15	601.07	0.12	18.9	0.0	19250.7	6423.9
8	1.83	25.7	2.03	25643.56	1528.36	764.18	0.12	18.9	0.0	24839.1	8347.2
9	1.83	32.5	2.17	22079.46	1315.94	657.97	0.12	18.9	0.0	21771.1	8207.7
10	1.83	39.9	2.38	16652.72	992.5	496.25	0.12	18.9	0.0	16749.7	7729.4

xc = 47.68 yc = 432.688 Rc = 15.298 Fs=1.664

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.64	2.1	0.64	2130.51	126.98	63.49	0.12	18.9	0.0	2091.4	1091.7
2	0.64	6.7	0.65	2070.44	123.4	61.7	0.12	18.9	0.0	1960.3	1069.3
3	0.34	8.5	0.34	1049.69	62.56	31.28	0.12	18.9	0.0	979.9	552.3
4	0.95	10.9	0.96	3629.66	216.33	108.16	0.12	18.9	0.0	3369.1	1726.4

5	0.64	14.0	0.66	6791.96	404.8	202.4	0.12	18.9	0.0	6454.6	2253.9
6	0.64	16.5	0.67	6579.04	392.11	196.06	0.12	18.9	0.0	6228.3	2230.0
7	0.64	19.0	0.68	6328.88	377.2	188.6	0.12	18.9	0.0	5976.0	2204.1
8	0.64	21.6	0.69	6039.99	359.98	179.99	0.12	18.9	0.0	5694.5	2177.2
9	0.64	24.2	0.7	5710.18	340.33	170.16	0.12	18.9	0.0	5380.0	2147.5
10	0.64	26.8	0.72	4537.19	270.42	135.21	0.12	18.9	0.0	4230.4	1892.0

xc = 50.233 yc = 431.944 Rc = 15.249 Fs=1.892

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.94	-8.2	0.95	2322.7	138.43	69.22	0.12	18.9	0.0	2533.8	1313.8
2	1.58	-3.4	1.58	7409.19	441.59	220.79	0.12	18.9	0.0	7596.7	2901.5
3	0.78	1.0	0.78	3731.38	222.39	111.2	0.12	18.9	0.0	3706.9	1422.0
4	1.1	4.6	1.11	13540.52	807.02	403.51	0.12	18.9	0.0	13282.7	3769.3
5	1.1	8.7	1.12	13710.65	817.15	408.58	0.12	18.9	0.0	13292.6	3811.1
6	1.1	13.0	1.13	13268.15	790.78	395.39	0.12	18.9	0.0	12771.2	3761.9
7	1.1	17.3	1.16	12644.87	753.63	376.82	0.12	18.9	0.0	12139.2	3713.7
8	1.1	21.7	1.19	11829.42	705.03	352.52	0.12	18.9	0.0	11375.6	3664.4
9	1.1	26.2	1.23	10805.3	644.0	322.0	0.12	18.9	0.0	10449.6	3608.7
10	1.1	30.9	1.29	8749.26	521.46	260.73	0.12	18.9	0.0	8488.4	3329.1

xc = 52.787 yc = 432.688 Rc = 16.987 Fs=2.847

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	2.07	-18.2	2.18	3678.34	219.23	109.61	0.12	18.9	0.0	4458.9	1878.5
2	1.58	-11.8	1.62	9421.22	561.5	280.75	0.12	18.9	0.0	10104.1	2352.5
3	1.34	-6.8	1.35	12699.21	756.87	378.44	0.12	18.9	0.0	13098.3	2616.8
4	1.67	-1.7	1.67	24445.51	1456.95	728.48	0.12	18.9	0.0	24585.7	4424.0
5	1.67	3.9	1.67	24347.06	1451.09	725.54	0.12	18.9	0.0	24104.5	4364.7
6	1.67	9.6	1.69	23717.55	1413.57	706.78	0.12	18.9	0.0	23335.0	4314.0
7	1.67	15.4	1.73	22538.39	1343.29	671.64	0.12	18.9	0.0	22243.6	4268.7
8	1.67	21.3	1.79	20769.88	1237.89	618.94	0.12	18.9	0.0	20760.2	4221.7
9	1.67	27.5	1.88	14339.4	854.63	427.31	0.12	18.9	0.0	14561.0	3477.7
10	1.67	34.1	2.01	1896.63	113.04	56.52	0.12	18.9	0.0	1438.9	1518.6

xc = 55.34 yc = 431.944 Rc = 18.657 Fs=3.992

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	2.63	-31.6	3.09	4430.88	264.08	132.04	0.12	18.9	0.0	6314.9	2117.1
2	1.63	-24.1	1.78	8457.55	504.07	252.04	0.12	18.9	0.0	10029.2	1860.3
3	1.58	-18.8	1.67	14839.19	884.42	442.21	0.12	18.9	0.0	16470.1	2450.4
4	4.69	-9.0	4.75	82023.89	4888.62	2444.31	0.12	18.9	0.0	84692.7	10624.7
5	2.63	2.4	2.64	50891.38	3033.13	1516.56	0.12	18.9	0.0	50676.5	6208.4
6	2.63	10.6	2.68	49390.98	2943.7	1471.85	0.12	18.9	0.0	49113.3	6162.7

7	2.63	19.0	2.7831890.45	1900.67	950.34	0.12	18.9	0.032223.5	4607.1
8	2.63	27.8	2.9819122.62	1139.71	569.85	0.12	18.9	0.019951.2	3577.8
9	2.21	36.6	2.76 11778.7	702.01	351.01	0.12	18.9	0.012925.0	2939.0
10	3.05	47.9	4.5510971.01	653.87	326.94	0.12	18.9	0.013001.1	4526.5

xc = 19.595 yc = 433.432 Rc = 23.459 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	1.79	-17.1	1.87	993.46	59.21	29.61	0.12	18.9	0.0	492.5	-1860.0
2	1.79	-12.6	1.83	2590.17	154.37	77.19	0.12	18.9	0.0	2172.5	-2208.6
3	2.02	-7.9	2.04	4242.04	252.83	126.41	0.12	18.9	0.0	3900.4	-2793.5
4	1.55	-3.5	1.55	6121.9	364.87	182.43	0.12	18.9	0.0	5961.3	-2843.1
5	1.88	0.7	1.88	9687.1	577.35	288.68	0.12	18.9	0.0	9739.0	-4050.7
6	1.7	5.1	1.7121754.73	1296.58	648.29	0.12	18.9	0.022467.7	-7048.8		
7	1.79	9.4	1.8126376.14	1572.02	786.01	0.12	18.9	0.028143.9	-8622.6		
8	1.79	13.9	1.8425159.01	1499.48	749.74	0.12	18.9	0.028009.5	-8754.4		
9	1.79	18.4	1.8823441.31	1397.1	698.55	0.12	18.9	0.027501.8	-8866.1		
10	1.79	23.1	1.9420072.04	1196.29	598.15	0.12	18.9	0.025178.6	-8581.8		

xc = 24.702 yc = 433.432 Rc = 24.119 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	2.29	-20.5	2.44	1991.72	118.71	59.35	0.12	18.9	0.0	984.7	-3259.3
2	1.95	-15.2	2.0214536.24	866.36	433.18	0.12	18.9	0.013317.9	-6654.8		
3	1.47	-11.0	1.5	7939.6	473.2	236.6	0.12	18.9	0.0	7315.8	-4042.7
4	2.76	-5.9	2.7841231.05	2457.37	1228.69	0.12	18.9	0.039838.0	-15612.7		
5	2.12	-0.1	2.1235284.93	2102.98	1051.49	0.12	18.9	0.035256.3	-13361.0		
6	2.12	4.9	2.13	34980.3	2084.83	1042.41	0.12	18.9	0.036289.9	-13742.4	
7	2.12	10.0	2.1533903.42	2020.64	1010.32	0.12	18.9	0.036879.5	-14117.9		
8	2.12	15.2	2.1932029.04	1908.93	954.47	0.12	18.9	0.036974.3	-14486.4		
9	2.12	20.5	2.26	29316.0	1747.23	873.62	0.12	18.9	0.036478.9	-14838.7	
10	2.12	25.9	2.3616126.77	961.16	480.58	0.12	18.9	0.022654.2	-10791.5		

xc = 27.255 yc = 434.176 Rc = 25.042 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.33	-23.6	0.36	44.95	2.68	1.34	0.12	18.9	0.0	-137.4	-465.5
2	0.89	-22.1	0.96	2843.52	169.47	84.74	0.12	18.9	0.0	2216.6	-2267.0
3	7.28	-12.4	7.4583352.16	4967.79	2483.89	0.12	18.9	0.076928.7	-39183.2		
4	2.83	-0.6	2.8348251.14	2875.77	1437.88	0.12	18.9	0.048028.8	-21471.5		
5	2.83	5.9	2.8547638.67	2839.27	1419.63	0.12	18.9	0.050195.7	-22407.4		
6	2.83	12.5	2.9	45247.5	2696.75	1348.38	0.12	18.9	0.051391.8	-23352.9	
7	3.5	20.1	3.7326147.54	1558.39	779.2	0.12	18.9	0.034265.8	-18728.8		
8	2.18	27.1	2.4513176.33	785.31	392.65	0.12	18.9	0.020320.8	-12081.4		

9	2.82	33.8	3.3919155.03	1141.64	570.82	0.12	18.9	0.034639.9	-20802.2
10	2.83	42.1	3.82 7407.15	441.47	220.73	0.12	18.9	0.021845.5	-17698.7

xc = 32.361 yc = 434.176 Rc = 21.357 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm ²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.54	16.7	0.56	481.96	28.72	14.36	0.12	18.9	0.0	1228.3	-2521.9
2	0.99	18.9	1.04	5687.85	339.0	169.5	0.12	18.9	0.0	9335.0	-10274.0
3	0.49	20.9	0.53	2516.45	149.98	74.99	0.12	18.9	0.0	4518.7	-5104.0
4	0.67	22.7	0.73	3136.55	186.94	93.47	0.12	18.9	0.0	6108.3	-7028.3
5	0.67	24.6	0.74	2761.61	164.59	82.3	0.12	18.9	0.0	5978.5	-7059.8
6	0.67	26.6	0.75	2350.8	140.11	70.05	0.12	18.9	0.0	5796.1	-7065.6
7	0.67	28.6	0.77	1902.25	113.37	56.69	0.12	18.9	0.0	5528.3	-7012.9
8	0.67	30.7	0.78	1413.75	84.26	42.13	0.12	18.9	0.0	5177.0	-6909.0
9	0.67	32.8	0.8	882.77	52.61	26.31	0.12	18.9	0.0	4674.9	-6681.8
10	0.67	35.0	0.82	306.32	18.26	9.13	0.12	18.9	0.0	3995.0	-6307.7

xc = 34.914 yc = 433.432 Rc = 18.676 Fs=5.257

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm ²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.47	13.3	0.48	410.59	24.47	12.24	0.12	18.9	0.0	382.7	170.3
2	0.31	14.6	0.32	2912.93	173.61	86.81	0.12	18.9	0.0	2926.4	330.6
3	0.62	16.0	0.65	1707.16	101.75	50.87	0.12	18.9	0.0	1685.6	328.0
4	0.47	17.7	0.49	1133.53	67.56	33.78	0.12	18.9	0.0	1117.7	237.5
5	0.47	19.3	0.49	994.74	59.29	29.64	0.12	18.9	0.0	978.1	229.4
6	0.47	20.8	0.5	843.6	50.28	25.14	0.12	18.9	0.0	824.3	220.3
7	0.47	22.3	0.51	679.78	40.51	20.26	0.12	18.9	0.0	655.1	209.8
8	0.47	23.9	0.51	502.86	29.97	14.99	0.12	18.9	0.0	469.7	198.4
9	0.47	25.5	0.52	312.36	18.62	9.31	0.12	18.9	0.0	266.3	185.3
10	0.47	27.0	0.52	107.78	6.42	3.21	0.12	18.9	0.0	43.6	170.4

xc = 37.467 yc = 434.176 Rc = 19.807 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm ²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.17	3.6	0.17	52.8	3.15	1.57	0.12	18.9	0.0	89.2	-582.1
2	0.99	5.2	0.99	4778.14	284.78	142.39	0.12	18.9	0.0	5490.9	-7626.4
3	1.43	8.7	1.44	6295.44	375.21	187.6	0.12	18.9	0.0	8073.6	-11255.0
4	0.86	12.1	0.88	3454.03	205.86	102.93	0.12	18.9	0.0	4997.6	-7000.2
5	0.86	14.6	0.89	3121.12	186.02	93.01	0.12	18.9	0.0	5029.8	-7132.4
6	0.86	17.2	0.9	2720.96	162.17	81.08	0.12	18.9	0.0	4987.8	-7224.1
7	0.86	19.9	0.91	2250.96	134.16	67.08	0.12	18.9	0.0	4862.6	-7269.8
8	0.86	22.5	0.93	1707.77	101.78	50.89	0.12	18.9	0.0	4618.4	-7234.4
9	0.86	25.2	0.95	1087.37	64.81	32.4	0.12	18.9	0.0	4227.1	-7093.0
10	0.86	28.0	0.97	384.68	22.93	11.46	0.12	18.9	0.0	3614.3	-6766.3

xc = 40.021 yc = 433.432 Rc = 18.307 Fs=8.041

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.8	-2.1	0.8	3560.17	212.19	106.09	0.12	18.9	0.0	3574.6	331.2
2	1.0	0.7	1.0	3400.34	202.66	101.33	0.12	18.9	0.0	3396.0	358.0
3	0.9	3.7	0.9	3003.97	179.04	89.52	0.12	18.9	0.0	2989.6	320.0
4	0.9	6.5	0.9	2867.0	170.87	85.44	0.12	18.9	0.0	2849.9	315.0
5	0.9	9.4	0.91	2653.4	158.14	79.07	0.12	18.9	0.0	2639.3	307.5
6	0.9	12.2	0.92	2361.62	140.75	70.38	0.12	18.9	0.0	2353.5	297.1
7	0.9	15.1	0.93	1989.24	118.56	59.28	0.12	18.9	0.0	1986.7	283.5
8	0.9	18.1	0.94	1533.33	91.39	45.69	0.12	18.9	0.0	1530.3	266.1
9	0.9	21.0	0.96	989.91	59.0	29.5	0.12	18.9	0.0	973.0	244.0
10	0.9	24.1	0.98	354.11	21.1	10.55	0.12	18.9	0.0	299.7	216.0

xc = 42.574 yc = 434.176 Rc = 22.413 Fs=5.076

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	1.18	-11.3	1.2	2991.24	178.28	89.14	0.12	18.9	0.0	3172.3	621.4
2	0.99	-8.5	1.0	9374.73	558.73	279.37	0.12	18.9	0.0	9639.2	1085.4
3	4.33	-1.7	4.344	2735.59	2547.04	1273.52	0.12	18.9	0.0	42891.9	4748.8
4	2.17	6.7	2.182	20839.48	1242.03	621.02	0.12	18.9	0.0	20710.5	2333.5
5	2.27	12.4	2.332	2472.26	1339.35	669.67	0.12	18.9	0.0	22460.1	2562.6
6	2.06	18.2	2.172	4923.73	1485.46	742.73	0.12	18.9	0.0	25350.3	2831.1
7	2.17	24.0	2.373	7315.26	2223.99	1112.0	0.12	18.9	0.0	39122.8	4231.3
8	2.17	30.2	2.513	5587.88	2121.04	1060.52	0.12	18.9	0.0	38920.1	4501.0
9	2.17	36.9	2.712	9604.71	1764.44	882.22	0.12	18.9	0.0	34333.1	4472.0
10	2.17	44.2	3.022	1154.93	1260.83	630.42	0.12	18.9	0.0	26561.7	4239.8

xc = 45.127 yc = 433.432 Rc = 16.446 Fs=1.417

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.49	11.3	0.5	1663.1	99.12	49.56	0.12	18.9	0.0	1504.5	978.6
2	0.49	14.4	0.5	1562.29	93.11	46.56	0.12	18.9	0.0	1374.5	958.6
3	0.64	16.5	0.67	1881.12	112.11	56.06	0.12	18.9	0.0	1614.3	1224.1
4	0.33	18.3	0.35	879.74	52.43	26.22	0.12	18.9	0.0	734.5	612.2
5	0.49	19.8	0.52	1159.32	69.1	34.55	0.12	18.9	0.0	938.2	868.5
6	0.49	21.6	0.53	4764.25	283.95	141.97	0.12	18.9	0.0	4400.1	1966.4
7	0.49	23.4	0.53	4710.39	280.74	140.37	0.12	18.9	0.0	4344.9	1983.8
8	0.49	25.3	0.54	4505.02	268.5	134.25	0.12	18.9	0.0	4145.9	1959.1
9	0.49	27.2	0.55	4281.49	255.18	127.59	0.12	18.9	0.0	3931.0	1931.1
10	0.49	29.1	0.56	3238.75	193.03	96.51	0.12	18.9	0.0	2909.8	1639.1

xc = 47.68 yc = 434.176 Rc = 18.849 Fs=1.849

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	1.9	-20.7	2.04	1406.11	83.8	41.9	0.12	18.9	0.0	2315.1	2300.5
2	1.9	-14.6	1.97	3590.84	214.01	107.01	0.12	18.9	0.0	4374.9	2641.1
3	1.9	-8.7	1.93	5005.13	298.31	149.15	0.12	18.9	0.0	5484.7	2801.7
4	2.73	-1.6	2.73	10484.9	624.9	312.45	0.12	18.9	0.0	10614.4	4560.8
5	1.58	5.0	1.59	11436.15	681.59	340.8	0.12	18.9	0.0	11151.3	3771.8
6	1.4	9.6	1.42	14172.9	844.7	422.35	0.12	18.9	0.0	13667.4	4243.2
7	1.9	14.7	1.97	27076.22	1613.74	806.87	0.12	18.9	0.0	26055.8	7632.0
8	1.9	20.8	2.04	24843.48	1480.67	740.34	0.12	18.9	0.0	23931.1	7449.8
9	1.9	27.2	2.14	21762.57	1297.05	648.52	0.12	18.9	0.0	21162.0	7228.6
10	1.9	33.9	2.31	6907.29	1007.68	503.84	0.12	18.9	0.0	16643.2	6687.1

xc = 50.233 yc = 433.432 Rc = 18.026 Fs=1.989

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	1.83	-20.6	1.96	1293.8	77.11	38.56	0.12	18.9	0.0	2093.2	2024.5
2	1.83	-14.5	1.89	3300.84	196.73	98.37	0.12	18.9	0.0	3987.2	2312.4
3	1.88	-8.4	1.9	6933.58	413.24	206.62	0.12	18.9	0.0	7448.6	2992.9
4	1.78	-2.6	1.79	12824.36	764.33	382.17	0.12	18.9	0.0	13018.8	4032.8
5	1.83	3.2	1.83	22748.64	1355.82	677.91	0.12	18.9	0.0	22450.7	6024.9
6	1.83	9.0	1.85	27148.82	1618.07	809.03	0.12	18.9	0.0	26400.8	6934.1
7	1.83	15.0	1.92	5781.19	1536.56	768.28	0.12	18.9	0.0	24929.0	6806.9
8	1.83	21.1	1.96	23680.33	1411.35	705.67	0.12	18.9	0.0	22982.6	6670.9
9	1.83	27.5	2.07	20778.58	1238.4	619.2	0.12	18.9	0.0	20425.8	6507.5
10	1.83	34.4	2.22	14150.21	843.35	421.68	0.12	18.9	0.0	14023.3	5522.7

xc = 52.787 yc = 434.176 Rc = 17.531 Fs=2.752

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	1.63	-11.3	1.66	6769.56	403.47	201.73	0.12	18.9	0.0	7300.9	2026.4
2	1.06	-7.0	1.07	6639.67	395.72	197.86	0.12	18.9	0.0	6888.4	1618.3
3	1.34	-3.1	1.34	17193.84	1024.75	512.38	0.12	18.9	0.0	17399.5	3332.2
4	1.34	1.3	1.34	17253.04	1028.28	514.14	0.12	18.9	0.0	17183.0	3294.9
5	1.34	5.7	1.35	17045.34	1015.9	507.95	0.12	18.9	0.0	16806.5	3257.3
6	1.34	10.1	1.36	16566.82	987.38	493.69	0.12	18.9	0.0	16263.1	3218.1
7	1.34	14.6	1.39	15813.38	942.48	471.24	0.12	18.9	0.0	15541.2	3175.6
8	1.34	19.2	1.42	14774.06	880.53	440.27	0.12	18.9	0.0	14616.2	3126.9
9	1.34	23.9	1.47	13422.91	800.01	400.0	0.12	18.9	0.0	13441.9	3066.6
10	1.34	28.8	1.53	4065.36	242.3	121.15	0.12	18.9	0.0	3866.9	1605.2

xc = 55.34 yc = 433.432 Rc = 19.406 Fs=4.227

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	3.4	-26.1	3.78	8217.24	489.75	244.87	0.12	18.9	0.0	10297.0	2598.1
2	1.66	-18.0	1.75	13386.85	797.86	398.93	0.12	18.9	0.0	14737.1	2153.2
3	2.53	-11.6	2.58	37304.84	2223.37	1111.68	0.12	18.9	0.0	39042.9	4805.1
4	2.53	-4.0	2.53	45082.68	2686.93	1343.46	0.12	18.9	0.0	45567.8	5339.3
5	2.53	3.5	2.53	45157.68	2691.4	1345.7	0.12	18.9	0.0	44921.6	5272.4
6	2.53	11.0	2.58	43609.78	2599.14	1299.57	0.12	18.9	0.0	43429.1	5228.8
7	2.53	18.8	2.67	25323.28	1509.27	754.63	0.12	18.9	0.0	25579.7	3621.0
8	2.53	26.9	2.83	15015.58	894.93	447.46	0.12	18.9	0.0	15563.3	2816.6
9	2.19	35.0	2.67	9247.89	551.17	275.59	0.12	18.9	0.0	9955.9	2331.3
10	2.87	45.0	4.05	8594.36	512.22	256.11	0.12	18.9	0.0	9774.4	3361.2

xc = 24.702 yc = 434.921 Rc = 25.455 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	2.19	-19.3	2.32	1698.47	101.23	50.61	0.12	18.9	0.0	766.0	-3131.2
2	2.04	-14.3	2.11	4632.97	872.13	436.06	0.12	18.9	0.0	13372.8	-6998.2
3	1.39	-10.3	1.41	7084.68	422.25	211.12	0.12	18.9	0.0	6516.5	-3816.2
4	2.84	-5.5	2.85	41719.21	2486.47	1243.23	0.12	18.9	0.0	40328.0	-16449.0
5	2.11	0.1	2.11	34579.73	2060.95	1030.48	0.12	18.9	0.0	34591.8	-13653.4
6	2.11	4.8	2.12	34270.25	2042.51	1021.25	0.12	18.9	0.0	35570.4	-14028.2
7	2.11	9.6	2.14	3236.84	1980.92	990.46	0.12	18.9	0.0	36115.9	-14383.8
8	2.11	14.5	2.18	31454.2	1874.67	937.34	0.12	18.9	0.0	36168.3	-14712.1
9	2.11	19.5	2.24	28893.21	1722.04	861.02	0.12	18.9	0.0	35643.1	-15000.3
10	2.11	24.6	2.32	15419.85	919.02	459.51	0.12	18.9	0.0	21371.8	-10588.3

xc = 27.255 yc = 435.665 Rc = 26.379 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.25	-22.2	0.27	24.06	1.43	0.72	0.12	18.9	0.0	-106.8	-350.8
2	0.89	-20.9	0.96	2754.32	164.16	82.08	0.12	18.9	0.0	2145.4	-2251.1
3	7.46	-11.6	7.61	84707.35	5048.56	2524.28	0.12	18.9	0.0	78337.0	-40554.1
4	2.87	-0.1	2.87	47990.72	2860.25	1430.12	0.12	18.9	0.0	47934.3	-21882.8
5	2.87	6.1	2.88	47272.18	2817.42	1408.71	0.12	18.9	0.0	49963.9	-22795.8
6	2.87	12.4	2.94	44806.75	2670.48	1335.24	0.12	18.9	0.0	50977.2	-23673.1
7	3.22	19.3	3.42	21432.22	1277.36	638.68	0.12	18.9	0.0	28024.7	-16057.7
8	2.51	26.1	2.79	16137.8	961.81	480.91	0.12	18.9	0.0	24280.6	-14368.1
9	2.87	32.8	3.41	18825.18	1121.98	560.99	0.12	18.9	0.0	33493.8	-20467.5
10	2.87	40.6	3.78	7173.33	427.53	213.77	0.12	18.9	0.0	20424.7	-16853.0

xc = 29.808 yc = 434.921 Rc = 22.648 Fs=20.00

Nr.	B	Alfa	Li	Wi	Kh•Wi	Kv•Wi	c	Fi	Ui	N'i	Ti
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	m	(°)	m	(Kg)	(Kg)	(Kg)	(kg/cm²)	(°)	(Kg)	(Kg)	(Kg)
1	0.38	22.8	0.41	226.37	13.49	6.75	0.12	18.9	0.0	4159.6	-10112.5
2	0.65	24.2	0.72	1486.66	88.6	44.3	0.12	18.9	0.0	13763.4	-29563.9
3	0.33	25.6	0.37	3493.8	208.23	104.12	0.12	18.9	0.0	19843.0	-36966.0
4	0.7	27.0	0.79	2889.74	172.23	86.11	0.12	18.9	0.0	3209.0	77.6
5	0.52	28.8	0.59	1817.63	108.33	54.17	0.12	18.9	0.0	2048.0	54.5
6	0.52	30.3	0.6	1530.26	91.2	45.6	0.12	18.9	0.0	1746.4	51.8
7	0.52	31.8	0.61	1224.9	73.0	36.5	0.12	18.9	0.0	1415.9	48.6
8	0.52	33.4	0.62	900.67	53.68	26.84	0.12	18.9	0.0	1053.7	45.0
9	0.52	34.9	0.63	556.57	33.17	16.59	0.12	18.9	0.0	655.6	40.9
10	0.52	36.6	0.64	191.42	11.41	5.7	0.12	18.9	0.0	216.9	36.2

xc = 32.361 yc = 435.665 Rc = 22.449 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.34	16.2	0.35	191.13	11.39	5.7	0.12	18.9	0.0	677.0	-1718.6
2	0.99	17.9	1.04	5055.67	301.32	150.66	0.12	18.9	0.0	8736.3	-11120.1
3	0.56	20.0	0.6	2519.45	150.16	75.08	0.12	18.9	0.0	4840.0	-6319.1
4	0.63	21.6	0.68	2542.84	151.55	75.78	0.12	18.9	0.0	5357.3	-7114.7
5	0.63	23.4	0.69	2231.84	133.02	66.51	0.12	18.9	0.0	5268.7	-7152.1
6	0.63	25.1	0.69	1893.6	112.86	56.43	0.12	18.9	0.0	5132.9	-7157.8
7	0.63	26.9	0.71	1527.04	91.01	45.51	0.12	18.9	0.0	4930.8	-7110.6
8	0.63	28.7	0.72	1130.75	67.39	33.7	0.12	18.9	0.0	4661.6	-7013.0
9	0.63	30.6	0.73	703.26	41.91	20.96	0.12	18.9	0.0	4282.7	-6815.3
10	0.63	32.5	0.75	242.76	14.47	7.23	0.12	18.9	0.0	3774.8	-6498.2

xc = 34.914 yc = 434.921 Rc = 21.306 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.41	9.8	0.42	307.28	18.31	9.16	0.12	18.9	0.0	588.6	-1622.4
2	0.99	11.8	1.01	5505.08	328.1	164.05	0.12	18.9	0.0	7368.4	-8528.6
3	0.99	14.5	1.02	4940.06	294.43	147.21	0.12	18.9	0.0	7247.9	-8568.2
4	0.8	17.0	0.83	3598.02	214.44	107.22	0.12	18.9	0.0	5806.8	-6991.3
5	0.8	19.3	0.84	3203.83	190.95	95.47	0.12	18.9	0.0	5720.0	-7044.8
6	0.8	21.5	0.86	2756.14	164.27	82.13	0.12	18.9	0.0	5548.9	-7045.8
7	0.8	23.9	0.87	2252.51	134.25	67.12	0.12	18.9	0.0	5298.3	-7004.0
8	0.8	26.2	0.89	1689.93	100.72	50.36	0.12	18.9	0.0	4923.2	-6874.8
9	0.8	28.6	0.91	1064.99	63.47	31.74	0.12	18.9	0.0	4390.5	-6627.5
10	0.8	31.1	0.93	373.43	22.26	11.13	0.12	18.9	0.0	3651.0	-6214.9

xc = 37.467 yc = 435.665 Rc = 20.945 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
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1	0.98	5.0	0.98	4131.39	246.23	123.12	0.12	18.9	0.0	4853.9	-8188.7
2	0.63	7.1	0.63	2442.93	145.6	72.8	0.12	18.9	0.0	3120.7	-5296.2
3	0.8	9.1	0.81	2963.87	176.65	88.32	0.12	18.9	0.0	4100.1	-6924.8
4	0.8	11.4	0.82	2741.81	163.41	81.71	0.12	18.9	0.0	4193.0	-7086.5
5	0.8	13.6	0.83	2469.58	147.19	73.59	0.12	18.9	0.0	4242.7	-7224.4
6	0.8	15.9	0.84	2145.95	127.9	63.95	0.12	18.9	0.0	4234.7	-7323.1
7	0.8	18.2	0.85	1769.2	105.44	52.72	0.12	18.9	0.0	4171.3	-7388.9
8	0.8	20.5	0.86	1337.39	79.71	39.85	0.12	18.9	0.0	4014.0	-7376.9
9	0.8	22.9	0.87	848.04	50.54	25.27	0.12	18.9	0.0	3758.4	-7286.6
10	0.8	25.3	0.89	298.27	17.78	8.89	0.12	18.9	0.0	3337.0	-7035.1

xc = 40.021 yc = 434.921 Rc = 19.445 Fs=13.035

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.65	-1.7	0.65	3079.41	183.53	91.77	0.12	18.9	0.0	3085.9	171.3
2	1.01	0.7	1.01	2774.51	165.36	82.68	0.12	18.9	0.0	2772.2	202.6
3	0.83	3.4	0.83	2224.28	132.57	66.28	0.12	18.9	0.0	2218.4	164.9
4	0.83	5.9	0.83	2118.69	126.27	63.14	0.12	18.9	0.0	2113.3	162.5
5	0.83	8.3	0.84	1956.84	116.63	58.31	0.12	18.9	0.0	1954.7	158.8
6	0.83	10.8	0.84	1737.83	103.57	51.79	0.12	18.9	0.0	1740.4	153.8
7	0.83	13.3	0.85	1460.36	87.04	43.52	0.12	18.9	0.0	1466.7	147.3
8	0.83	15.8	0.86	1122.83	66.92	33.46	0.12	18.9	0.0	1129.1	139.0
9	0.83	18.4	0.87	723.06	43.09	21.55	0.12	18.9	0.0	721.3	128.8
10	0.83	21.0	0.89	258.52	15.41	7.7	0.12	18.9	0.0	235.2	116.3

xc = 42.574 yc = 435.665 Rc = 23.727 Fs=5.526

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	1.12	-10.6	1.14	2662.11	158.66	79.33	0.12	18.9	0.0	2804.4	523.2
2	0.99	-8.0	1.0	9067.62	540.43	270.22	0.12	18.9	0.0	9292.7	969.4
3	4.5	-1.4	4.54	2888.29	2556.14	1278.07	0.12	18.9	0.0	43006.4	4414.9
4	2.2	6.7	2.22	20379.63	1214.63	607.31	0.12	18.9	0.0	20272.6	2120.5
5	2.07	12.0	2.12	20008.52	1192.51	596.25	0.12	18.9	0.0	20016.9	2106.2
6	1.58	16.5	1.65	19010.87	1133.05	566.52	0.12	18.9	0.0	19273.3	1960.0
7	2.95	22.4	3.19	47896.82	2854.65	1427.33	0.12	18.9	0.0	49913.3	4947.2
8	2.2	29.3	2.52	35476.26	2114.39	1057.19	0.12	18.9	0.0	38676.3	4079.9
9	2.2	35.6	2.71	29557.63	1761.64	880.82	0.12	18.9	0.0	34015.6	4010.5
10	2.2	42.5	2.98	21278.03	1268.17	634.09	0.12	18.9	0.0	26317.0	3744.8

xc = 45.127 yc = 434.921 Rc = 17.584 Fs=1.615

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.45	12.0	0.46	1261.9	75.21	37.6	0.12	18.9	0.0	1138.4	730.7
2	0.45	13.3	0.46	1182.82	70.5	35.25	0.12	18.9	0.0	1051.1	714.0

3	0.45	14.8	0.47	1092.95	65.14	32.57	0.12	18.9	0.0	952.6	695.7
4	0.26	16.0	0.27	582.25	34.7	17.35	0.12	18.9	0.0	498.1	390.2
5	0.64	17.6	0.68	1282.85	76.46	38.23	0.12	18.9	0.0	1062.9	936.2
6	0.45	19.4	0.48	2802.57	167.03	83.52	0.12	18.9	0.0	2584.3	1165.0
7	0.45	21.0	0.48	4214.22	251.17	125.58	0.12	18.9	0.0	3956.5	1556.4
8	0.45	22.6	0.49	4059.12	241.92	120.96	0.12	18.9	0.0	3806.0	1537.5
9	0.45	24.2	0.5	3891.38	231.93	115.96	0.12	18.9	0.0	3644.5	1517.1
10	0.45	25.8	0.5	2910.58	173.47	86.74	0.12	18.9	0.0	2679.8	1271.3

xc = 47.68 yc = 435.665 Rc = 20.01 Fs=1.887

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	1.84	-17.8	1.93	1113.13	66.34	33.17	0.12	18.9	0.0	1780.7	2005.5
2	1.84	-12.3	1.88	2835.61	169.0	84.5	0.12	18.9	0.0	3386.2	2273.4
3	1.84	-6.9	1.85	3923.38	233.83	116.92	0.12	18.9	0.0	4242.8	2402.3
4	2.35	-0.9	2.35	7856.22	468.23	234.12	0.12	18.9	0.0	7915.6	3576.0
5	1.58	4.7	1.59	10446.39	622.6	311.3	0.12	18.9	0.0	10195.9	3484.1
6	1.59	9.3	1.61	15959.56	951.19	475.59	0.12	18.9	0.0	15414.8	4690.2
7	1.84	14.3	1.92	4975.41	1488.54	744.27	0.12	18.9	0.0	24056.0	6955.4
8	1.84	19.8	1.96	22980.94	1369.66	684.83	0.12	18.9	0.0	22134.0	6766.3
9	1.84	25.5	2.04	20296.23	1209.66	604.83	0.12	18.9	0.0	19677.6	6534.3
10	1.84	31.6	2.16	16007.09	954.02	477.01	0.12	18.9	0.0	15646.3	5998.8

xc = 50.233 yc = 434.921 Rc = 18.545 Fs=2.012

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	1.43	-11.7	1.46	445.84	26.57	13.29	0.12	18.9	0.0	710.4	1253.0
2	1.34	-7.4	1.36	3200.91	190.77	95.39	0.12	18.9	0.0	3448.4	1721.4
3	1.58	-2.8	1.58	8383.84	499.68	249.84	0.12	18.9	0.0	8538.1	2920.0
4	1.37	1.7	1.37	11623.85	692.78	346.39	0.12	18.9	0.0	11526.6	3373.7
5	1.43	6.1	1.44	18880.24	1125.26	562.63	0.12	18.9	0.0	18470.3	4870.0
6	1.43	10.6	1.46	18305.55	1091.01	545.51	0.12	18.9	0.0	17743.5	4787.2
7	1.43	15.1	1.48	17412.14	1037.76	518.88	0.12	18.9	0.0	16811.2	4697.6
8	1.43	19.8	1.52	16189.89	964.92	482.46	0.12	18.9	0.0	15649.0	4596.5
9	1.43	24.5	1.57	14605.78	870.5	435.25	0.12	18.9	0.0	14198.8	4471.9
10	1.43	29.5	1.65	11820.73	704.52	352.26	0.12	18.9	0.0	11557.1	4115.0

xc = 52.787 yc = 435.665 Rc = 20.066 Fs=3.17

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	1.86	-18.1	1.96	1171.4	69.82	34.91	0.12	18.9	0.0	1602.5	1187.5
2	1.05	-13.8	1.08	3681.2	219.4	109.7	0.12	18.9	0.0	4044.0	1063.7
3	1.58	-9.9	1.61	9901.94	590.16	295.08	0.12	18.9	0.0	10422.4	2137.8
4	2.96	-3.4	2.97	37150.11	2214.15	1107.07	0.12	18.9	0.0	37591.6	6281.5

5	1.86	3.5	1.8727626.57	1646.54	823.27	0.12	18.9	0.027407.7	4441.6
6	1.86	8.8	1.8926910.47	1603.86	801.93	0.12	18.9	0.026560.2	4384.5
7	1.86	14.3	1.92 25546.3	1522.56	761.28	0.12	18.9	0.025295.9	4319.3
8	1.86	19.9	1.9823495.22	1400.32	700.16	0.12	18.9	0.023542.2	4237.8
9	1.86	25.7	2.07 9124.16	543.8	271.9	0.12	18.9	0.0 9089.7	2385.6
10	1.86	31.7	2.19 2167.69	129.19	64.6	0.12	18.9	0.0 1770.4	1479.9

xc = 55.34 yc = 434.921 Rc = 20.179 Fs=4.399

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	2.32	-23.3	2.53	4580.63	273.01	136.5	0.12	18.9	0.0	5581.4	1498.1
2	1.58	-17.4	1.66	10637.04	633.97	316.98	0.12	18.9	0.0	11661.4	1729.4
3	3.28	-10.3	3.33	45494.78	2711.49	1355.75	0.12	18.9	0.0	47242.9	5635.5
4	2.39	-2.1	2.43	9533.33	2356.19	1178.09	0.12	18.9	0.0	39729.6	4528.3
5	2.39	4.7	2.43	9303.87	2342.51	1171.26	0.12	18.9	0.0	39069.9	4480.5
6	2.39	11.6	2.44	37743.76	2249.53	1124.76	0.12	18.9	0.0	37636.6	4435.6
7	2.39	18.6	2.53	18675.79	1113.08	556.54	0.12	18.9	0.0	18826.4	2758.8
8	2.39	26.0	2.66	11169.82	665.72	332.86	0.12	18.9	0.0	11464.8	2194.1
9	2.19	33.5	2.62	6904.86	411.53	205.76	0.12	18.9	0.0	7244.8	1876.2
10	2.6	42.2	3.51	6309.85	376.07	188.03	0.12	18.9	0.0	6861.9	2468.5

xc = 19.595 yc = 436.409 Rc = 25.773 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	1.48	-11.4	1.51	444.58	26.5	13.25	0.12	18.9	0.0	48.5	-2054.7
2	2.15	-7.3	2.16	1846.79	110.07	55.03	0.12	18.9	0.0	1428.4	-3419.2
3	0.89	-3.9	0.9	3303.6	196.89	98.45	0.12	18.9	0.0	3152.6	-2348.2
4	1.39	-1.3	1.39	6665.32	397.25	198.63	0.12	18.9	0.0	6567.1	-4252.9
5	1.14	1.5	1.14	4016.56	239.39	119.69	0.12	18.9	0.0	4095.6	-3014.5
6	1.81	4.8	1.82	21222.38	1264.85	632.43	0.12	18.9	0.0	22175.3	-10579.2
7	1.48	8.5	1.49	20035.67	1194.13	597.06	0.12	18.9	0.0	21734.0	-10057.0
8	1.48	11.8	1.51	19319.69	1151.45	575.73	0.12	18.9	0.0	21825.7	-10218.0
9	1.48	15.2	1.53	18350.44	1093.69	546.84	0.12	18.9	0.0	21720.3	-10352.3
10	1.48	18.6	1.56	16006.89	954.01	477.01	0.12	18.9	0.0	20060.4	-9939.9

xc = 22.148 yc = 437.153 Rc = 27.205 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	1.95	-16.0	2.02	1098.63	65.48	32.74	0.12	18.9	0.0	489.5	-2369.0
2	1.78	-12.0	1.82	2561.67	152.68	76.34	0.12	18.9	0.0	2083.4	-2581.6
3	0.89	-9.1	0.91	3990.73	237.85	118.92	0.12	18.9	0.0	3715.7	-2063.7
4	3.16	-4.8	3.18	18991.56	1131.9	565.95	0.12	18.9	0.0	18329.4	-8724.8
5	1.95	0.6	1.95	29967.11	1786.04	893.02	0.12	18.9	0.0	30083.9	-10827.1
6	1.95	4.7	1.95	29676.74	1768.73	884.37	0.12	18.9	0.0	30684.0	-11045.6

7	1.95	8.8	1.9728856.43	1719.84	859.92	0.12	18.9	0.030929.8	-11231.2
8	1.95	13.0	2.027493.88	1638.64	819.32	0.12	18.9	0.030783.2	-11377.1
9	1.95	17.3	2.0425584.53	1524.84	762.42	0.12	18.9	0.030200.7	-11475.0
10	1.95	21.6	2.0921978.09	1309.89	654.95	0.12	18.9	0.027725.2	-11073.6

xc = 24.702 yc = 436.409 Rc = 26.792 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	2.04	-18.1	2.15	1378.09	82.13	41.07	0.12	18.9	0.0	534.1	-2947.2
2	0.89	-14.8	0.92	3621.38	215.83	107.92	0.12	18.9	0.0	3165.2	-2270.4
3	3.36	-10.2	3.422	1885.07	1304.35	652.18	0.12	18.9	0.0	20261.0	-11175.2
4	2.1	-4.3	2.1133	387.77	1989.91	994.96	0.12	18.9	0.0	32470.7	-13558.8
5	2.1	0.2	2.1337	44.84	2011.19	1005.6	0.12	18.9	0.0	33801.5	-13963.1
6	2.1	4.7	2.1133	433.55	1992.64	996.32	0.12	18.9	0.0	34729.0	-14333.3
7	2.1	9.3	2.1332	446.17	1933.79	966.9	0.12	18.9	0.0	35236.1	-14672.0
8	2.1	13.8	2.1630	763.73	1833.52	916.76	0.12	18.9	0.0	35267.1	-14969.0
9	2.1	18.5	2.2128	362.71	1690.42	845.21	0.12	18.9	0.0	34745.6	-15209.5
10	2.1	23.3	2.2915	007.04	894.42	447.21	0.12	18.9	0.0	20539.3	-10583.7

xc = 29.808 yc = 436.409 Rc = 23.68 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.15	22.0	0.17	37.18	2.22	1.11	0.12	18.9	0.0	37.2	7.9
2	0.99	23.6	1.08	4313.6	257.09	128.55	0.12	18.9	0.0	4662.9	106.6
3	0.25	25.2	0.28	938.99	55.96	27.98	0.12	18.9	0.0	1026.7	25.8
4	0.46	26.1	0.52	1563.46	93.18	46.59	0.12	18.9	0.0	1721.2	45.7
5	0.46	27.4	0.52	1356.57	80.85	40.43	0.12	18.9	0.0	1508.3	43.8
6	0.46	28.7	0.53	1138.16	67.83	33.92	0.12	18.9	0.0	1277.4	41.6
7	0.46	30.0	0.54	907.83	54.11	27.05	0.12	18.9	0.0	1028.5	39.2
8	0.46	31.3	0.54	665.13	39.64	19.82	0.12	18.9	0.0	759.3	36.4
9	0.46	32.6	0.55	409.53	24.41	12.2	0.12	18.9	0.0	468.1	33.4
10	0.46	34.0	0.56	140.44	8.37	4.19	0.12	18.9	0.0	152.6	30.0

xc = 32.361 yc = 437.153 Rc = 23.329 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.52	16.6	0.55	495.24	29.52	14.76	0.12	18.9	0.0	1682.7	-4079.2
2	0.48	17.9	0.5	3499.28	208.56	104.28	0.12	18.9	0.0	6565.4	-9414.6
3	0.57	19.2	0.6	1943.67	115.84	57.92	0.12	18.9	0.0	4578.1	-7652.1
4	0.52	20.6	0.56	1590.62	94.8	47.4	0.12	18.9	0.0	4207.7	-7117.3
5	0.52	22.0	0.56	1388.03	82.73	41.36	0.12	18.9	0.0	4190.9	-7187.0
6	0.52	23.4	0.57	1170.83	69.78	34.89	0.12	18.9	0.0	4161.5	-7253.1
7	0.52	24.8	0.58	938.63	55.94	27.97	0.12	18.9	0.0	4083.2	-7265.4
8	0.52	26.2	0.58	690.83	41.17	20.59	0.12	18.9	0.0	3977.7	-7255.7

9	0.52	27.7	0.59	426.95	25.45	12.72	0.12	18.9	0.0	3838.5	-7216.9
10	0.52	29.1	0.6	146.34	8.72	4.36	0.12	18.9	0.0	3606.6	-7065.3

xc = 34.914 yc = 436.409 Rc = 22.445 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm ²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.24	9.5	0.24	100.88	6.01	3.01	0.12	18.9	0.0	267.6	-999.1
2	0.99	11.2	1.01	4893.4	291.65	145.82	0.12	18.9	0.0	6774.8	-9200.1
3	1.03	13.8	1.06	4534.61	270.26	135.13	0.12	18.9	0.0	6974.7	-9661.7
4	0.75	16.2	0.78	2959.37	176.38	88.19	0.12	18.9	0.0	5068.3	-7131.8
5	0.75	18.2	0.79	2627.38	156.59	78.3	0.12	18.9	0.0	5010.6	-7185.9
6	0.75	20.2	0.8	2253.44	134.31	67.15	0.12	18.9	0.0	4889.1	-7195.4
7	0.75	22.3	0.81	1835.89	109.42	54.71	0.12	18.9	0.0	4695.6	-7153.0
8	0.75	24.4	0.83	1372.9	81.82	40.91	0.12	18.9	0.0	4409.9	-7038.1
9	0.75	26.5	0.84	862.29	51.39	25.7	0.12	18.9	0.0	4017.0	-6837.5
10	0.75	28.7	0.86	301.4	17.96	8.98	0.12	18.9	0.0	3451.4	-6474.5

xc = 37.467 yc = 437.153 Rc = 22.084 Fs=6.669

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm ²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.82	4.9	0.82	3540.35	211.0	105.5	0.12	18.9	0.0	3519.1	401.4
2	0.66	6.8	0.67	2131.62	127.04	63.52	0.12	18.9	0.0	2113.5	280.7
3	0.74	8.6	0.75	2250.76	134.15	67.07	0.12	18.9	0.0	2230.4	307.7
4	0.74	10.6	0.75	2075.14	123.68	61.84	0.12	18.9	0.0	2056.1	299.5
5	0.74	12.6	0.76	1862.99	111.03	55.52	0.12	18.9	0.0	1845.7	289.5
6	0.74	14.5	0.76	1613.56	96.17	48.08	0.12	18.9	0.0	1597.2	277.5
7	0.74	16.5	0.77	1325.89	79.02	39.51	0.12	18.9	0.0	1308.1	263.4
8	0.74	18.5	0.78	998.86	59.53	29.77	0.12	18.9	0.0	975.1	246.6
9	0.74	20.6	0.79	631.12	37.61	18.81	0.12	18.9	0.0	594.3	227.1
10	0.74	22.6	0.8	221.1	13.18	6.59	0.12	18.9	0.0	161.1	204.1

xc = 40.021 yc = 436.409 Rc = 24.849 Fs=5.599

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm ²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	3.47	-9.7	3.52	2428.86	144.76	72.38	0.12	18.9	0.0	2657.2	1145.7
2	2.18	-3.1	2.18	14389.86	857.64	428.82	0.12	18.9	0.0	14501.3	1648.0
3	1.51	1.1	1.51	15410.4	918.46	459.23	0.12	18.9	0.0	15383.1	1530.6
4	2.38	5.6	2.42	3949.55	1427.39	713.7	0.12	18.9	0.0	23830.3	2399.0
5	2.38	11.2	2.43	2386.11	1334.21	667.11	0.12	18.9	0.0	22367.2	2333.5
6	2.5	17.0	2.61	22765.84	1356.84	678.42	0.12	18.9	0.0	23076.3	2499.4
7	2.27	22.9	2.46	24714.68	1473.0	736.5	0.12	18.9	0.0	25749.0	2763.2
8	2.38	28.8	2.72	38705.89	2306.87	1153.44	0.12	18.9	0.0	42087.5	4356.3
9	2.38	35.4	2.92	33065.98	1970.73	985.37	0.12	18.9	0.0	38010.6	4376.8
10	2.38	42.5	3.23	23529.21	1402.34	701.17	0.12	18.9	0.0	29145.6	4065.9

xc = 42.574 yc = 437.153 Rc = 25.04 Fs=6.055

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	1.05	-10.0	1.07	2345.56	139.8	69.9	0.12	18.9	0.0	2456.7	435.4
2	0.99	-7.6	0.99	8757.77	521.96	260.98	0.12	18.9	0.0	8949.2	860.0
3	4.66	-1.1	4.66	42834.91	2552.96	1276.48	0.12	18.9	0.0	42922.3	4061.7
4	2.23	6.8	2.25	19864.19	1183.91	591.95	0.12	18.9	0.0	19778.7	1909.3
5	1.88	11.6	1.92	17788.76	1060.21	530.1	0.12	18.9	0.0	17812.8	1717.6
6	1.58	15.6	1.64	18639.55	1110.92	555.46	0.12	18.9	0.0	18884.3	1751.5
7	3.23	21.5	3.47	52271.82	3115.4	1557.7	0.12	18.9	0.0	54387.4	4888.2
8	2.23	28.4	2.54	5316.63	2104.87	1052.44	0.12	18.9	0.0	38389.8	3672.5
9	2.23	34.4	2.7	29479.8	1757.0	878.5	0.12	18.9	0.0	33695.6	3578.6
10	2.23	40.8	2.95	21376.38	1274.03	637.02	0.12	18.9	0.0	26093.5	3300.8

xc = 45.127 yc = 436.409 Rc = 21.32 Fs=1.877

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.46	-15.2	0.48	2693.87	160.55	80.28	0.12	18.9	0.0	3079.3	1093.4
2	3.22	-10.2	3.27	9191.9	547.84	273.92	0.12	18.9	0.0	10206.6	4907.0
3	1.84	-3.3	1.85	6300.84	375.53	187.77	0.12	18.9	0.0	6477.3	2886.1
4	1.84	1.7	1.84	6412.35	382.18	191.09	0.12	18.9	0.0	6332.8	2849.0
5	1.87	6.7	1.88	8229.38	490.47	245.24	0.12	18.9	0.0	7909.1	3242.9
6	1.82	11.7	1.86	12707.65	757.38	378.69	0.12	18.9	0.0	12122.7	4215.8
7	1.84	16.8	1.92	21208.9	1264.05	632.03	0.12	18.9	0.0	20347.9	6249.1
8	1.84	22.0	1.99	23716.25	1413.49	706.74	0.12	18.9	0.0	22914.7	7115.0
9	1.84	27.5	2.08	20740.26	1236.12	618.06	0.12	18.9	0.0	20218.2	6849.1
10	1.84	33.2	2.21	6171.55	963.82	481.91	0.12	18.9	0.0	15907.3	6254.9

xc = 47.68 yc = 437.153 Rc = 20.821 Fs=2.007

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	1.55	-11.5	1.58	509.5	30.37	15.18	0.12	18.9	0.0	792.1	1360.8
2	1.55	-7.2	1.56	1260.7	75.14	37.57	0.12	18.9	0.0	1454.9	1466.3
3	1.55	-2.9	1.55	1664.51	99.2	49.6	0.12	18.9	0.0	1743.8	1508.3
4	1.14	0.8	1.14	3465.93	206.57	103.28	0.12	18.9	0.0	3445.3	1550.0
5	1.58	4.5	1.59	8387.38	499.89	249.94	0.12	18.9	0.0	8187.9	2862.1
6	1.93	9.4	1.95	18192.26	1084.26	542.13	0.12	18.9	0.0	17603.4	5123.4
7	1.55	14.3	1.61	8947.97	1129.3	564.65	0.12	18.9	0.0	18296.2	5091.6
8	1.55	18.7	1.64	17599.84	1048.95	524.48	0.12	18.9	0.0	16992.2	4956.7
9	1.55	23.3	1.69	15851.79	944.77	472.38	0.12	18.9	0.0	15365.3	4789.5
10	1.55	28.0	1.75	12865.37	766.78	383.39	0.12	18.9	0.0	12517.5	4379.7

xc = 50.233 yc = 436.409 Rc = 18.958 Fs=2.263

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.97	-3.5	0.97	3114.84	185.64	92.82	0.12	18.9	0.0	3196.3	1222.1
2	0.65	-1.3	0.65	2141.74	127.65	63.82	0.12	18.9	0.0	2161.6	818.7
3	1.29	1.6	1.29	7923.01	472.21	236.11	0.12	18.9	0.0	7862.8	2280.1
4	0.97	5.0	0.97	10859.43	647.22	323.61	0.12	18.9	0.0	10674.5	2590.3
5	0.97	8.0	0.98	10656.2	635.11	317.55	0.12	18.9	0.0	10405.4	2559.8
6	0.97	10.9	0.99	10358.71	617.38	308.69	0.12	18.9	0.0	10071.0	2526.0
7	0.97	13.9	1.0	9964.55	593.89	296.94	0.12	18.9	0.0	9667.7	2487.5
8	0.97	17.0	1.01	9470.27	564.43	282.21	0.12	18.9	0.0	9188.5	2443.6
9	0.97	20.1	1.03	8871.27	528.73	264.36	0.12	18.9	0.0	8624.2	2391.8
10	0.97	23.3	1.06	7361.76	438.76	219.38	0.12	18.9	0.0	7155.5	2170.9

xc = 52.787 yc = 437.153 Rc = 20.668 Fs=3.038

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	1.63	-9.6	1.65	7453.44	444.23	222.11	0.12	18.9	0.0	7877.9	1902.7
2	1.28	-5.7	1.29	9893.35	589.64	294.82	0.12	18.9	0.0	10140.4	2012.0
3	1.46	-1.8	1.46	19137.06	1140.57	570.28	0.12	18.9	0.0	19254.1	3320.9
4	1.46	2.2	1.46	19130.82	1140.2	570.1	0.12	18.9	0.0	19019.8	3289.9
5	1.46	6.2	1.46	18835.67	1122.61	561.3	0.12	18.9	0.0	18594.4	3253.0
6	1.46	10.3	1.48	18246.27	1087.48	543.74	0.12	18.9	0.0	17971.5	3208.7
7	1.46	14.5	1.51	17354.52	1034.33	517.16	0.12	18.9	0.0	17134.5	3155.1
8	1.46	18.7	1.54	16158.73	963.06	481.53	0.12	18.9	0.0	16066.9	3089.2
9	1.46	23.0	1.58	9596.09	571.93	285.96	0.12	18.9	0.0	9547.1	2244.1
10	1.46	27.5	1.64	1095.43	65.29	32.64	0.12	18.9	0.0	763.8	1020.9

xc = 55.34 yc = 436.409 Rc = 20.984 Fs=5.824

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.98	-20.4	1.05	2541.59	151.48	75.74	0.12	18.9	0.0	2886.8	503.1
2	1.58	-16.7	1.65	8663.76	516.36	258.18	0.12	18.9	0.0	9368.9	1131.0
3	3.38	-9.7	3.43	42738.4	2547.21	1273.6	0.12	18.9	0.0	44049.1	4045.8
4	1.98	-2.4	1.98	30085.74	1793.11	896.56	0.12	18.9	0.0	30219.5	2643.4
5	1.98	3.1	1.98	30048.72	1790.9	895.45	0.12	18.9	0.0	29951.4	2626.3
6	1.98	8.5	2.02	29291.81	1745.79	872.9	0.12	18.9	0.0	29232.6	2605.4
7	1.98	14.0	2.04	24101.58	1436.45	718.23	0.12	18.9	0.0	24283.6	2305.7
8	1.98	19.7	2.1	9690.92	577.58	288.79	0.12	18.9	0.0	9851.7	1309.9
9	1.98	25.6	2.2	6565.64	391.31	195.66	0.12	18.9	0.0	6780.9	1152.6
10	1.98	31.7	2.33	4635.52	276.28	138.14	0.12	18.9	0.0	4870.3	1104.1

xc = 19.595 yc = 437.898 Rc = 26.955 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	1.26	-8.0	1.27	226.92	13.52	6.76	0.12	18.9	0.0	53.0	-1271.3
2	0.91	-5.6	0.92	386.96	23.06	11.53	0.12	18.9	0.0	292.4	-980.9
3	0.89	-3.7	0.9	2788.02	166.17	83.08	0.12	18.9	0.0	2690.3	-1604.6
4	2.53	-0.1	2.53	9246.04	551.06	275.53	0.12	18.9	0.0	9239.8	-4968.2
5	0.71	3.4	0.71	5516.05	328.76	164.38	0.12	18.9	0.0	5657.5	-2227.3
6	1.26	5.5	1.27	16748.27	998.2	499.1	0.12	18.9	0.0	17395.0	-5965.3
7	1.26	8.2	1.28	16402.44	977.59	488.79	0.12	18.9	0.0	17427.7	-6015.1
8	1.26	10.9	1.29	15910.37	948.26	474.13	0.12	18.9	0.0	17350.2	-6052.5
9	1.26	13.7	1.3	15268.5	910.0	455.0	0.12	18.9	0.0	17146.3	-6072.7
10	1.26	16.4	1.32	13362.11	796.38	398.19	0.12	18.9	0.0	15552.0	-5721.1

xc = 22.148 yc = 438.642 Rc = 28.541 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	1.91	-14.7	1.97	966.38	57.6	28.8	0.12	18.9	0.0	388.9	-2406.7
2	1.53	-11.1	1.56	1917.43	114.28	57.14	0.12	18.9	0.0	1517.2	-2260.6
3	0.89	-8.6	0.9	3760.11	224.1	112.05	0.12	18.9	0.0	3485.5	-2113.6
4	3.3	-4.4	3.31	20067.72	1196.04	598.02	0.12	18.9	0.0	19376.4	-9728.1
5	1.91	0.8	1.91	28840.3	1718.88	859.44	0.12	18.9	0.0	29001.1	-11111.2
6	1.91	4.7	1.92	28551.57	1701.67	850.84	0.12	18.9	0.0	29565.7	-11329.1
7	1.91	8.5	1.93	27785.85	1656.04	828.02	0.12	18.9	0.0	29800.9	-11508.3
8	1.91	12.4	1.96	26536.27	1581.56	790.78	0.12	18.9	0.0	29674.8	-11641.8
9	1.91	16.4	1.99	24798.95	1478.02	739.01	0.12	18.9	0.0	29153.6	-11723.2
10	1.91	20.4	2.04	21426.35	1277.01	638.51	0.12	18.9	0.0	26800.2	-11281.3

xc = 29.808 yc = 437.898 Rc = 24.712 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.4	21.9	0.44	280.69	16.73	8.36	0.12	18.9	0.0	294.0	23.0
2	0.51	23.1	0.56	3350.44	199.69	99.84	0.12	18.9	0.0	3615.4	70.1
3	0.29	24.1	0.32	881.82	52.56	26.28	0.12	18.9	0.0	955.2	26.5
4	0.4	25.0	0.45	1091.69	65.06	32.53	0.12	18.9	0.0	1189.6	35.3
5	0.4	26.0	0.45	943.81	56.25	28.13	0.12	18.9	0.0	1035.6	33.8
6	0.4	27.1	0.45	788.95	47.02	23.51	0.12	18.9	0.0	871.5	32.2
7	0.4	28.1	0.46	626.92	37.36	18.68	0.12	18.9	0.0	696.4	30.5
8	0.4	29.2	0.46	457.49	27.27	13.63	0.12	18.9	0.0	510.3	28.6
9	0.4	30.3	0.47	280.45	16.72	8.36	0.12	18.9	0.0	311.5	26.5
10	0.4	31.4	0.47	95.54	5.69	2.85	0.12	18.9	0.0	99.3	24.2

xc = 32.361 yc = 438.642 Rc = 24.209 Fs=5.868

Nr.	B	Alfa	Li	Wi	Kh•Wi	Kv•Wi	c	Fi	Ui	N'i	Ti
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	m	(°)	m	(Kg)	(Kg)	(Kg)	(kg/cm²)	(°)	(Kg)	(Kg)	(Kg)
1	0.4	16.6	0.42	291.57	17.38	8.69	0.12	18.9	0.0	267.1	130.1
2	0.3	17.4	0.31	2786.58	166.08	83.04	0.12	18.9	0.0	2833.4	291.9
3	0.5	18.4	0.53	1192.06	71.05	35.52	0.12	18.9	0.0	1184.2	228.5
4	0.4	19.5	0.43	835.35	49.79	24.89	0.12	18.9	0.0	827.6	175.9
5	0.4	20.6	0.43	724.21	43.16	21.58	0.12	18.9	0.0	714.0	169.3
6	0.4	21.6	0.43	606.93	36.17	18.09	0.12	18.9	0.0	593.0	162.1
7	0.4	22.6	0.43	483.36	28.81	14.4	0.12	18.9	0.0	464.2	154.4
8	0.4	23.6	0.44	353.39	21.06	10.53	0.12	18.9	0.0	327.2	146.0
9	0.4	24.6	0.44	216.87	12.93	6.46	0.12	18.9	0.0	181.5	136.8
10	0.4	25.7	0.44	73.65	4.39	2.19	0.12	18.9	0.0	26.7	127.1

xc = 34.914 yc = 437.898 Rc = 23.583 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.06	9.3	0.06	6.49	0.39	0.19	0.12	18.9	0.0	50.9	-273.0
2	0.99	10.6	1.0	4277.44	254.94	127.47	0.12	18.9	0.0	6185.7	-9920.7
3	1.05	13.1	1.08	3972.34	236.75	118.38	0.12	18.9	0.0	6489.9	-10600.7
4	0.7	15.4	0.72	2348.05	139.94	69.97	0.12	18.9	0.0	4334.0	-7165.7
5	0.7	17.1	0.73	2078.07	123.85	61.93	0.12	18.9	0.0	4299.1	-7217.9
6	0.7	18.9	0.74	1776.6	105.89	52.94	0.12	18.9	0.0	4227.3	-7245.2
7	0.7	20.7	0.75	1442.69	85.98	42.99	0.12	18.9	0.0	4095.0	-7218.8
8	0.7	22.5	0.76	1075.19	64.08	32.04	0.12	18.9	0.0	3896.6	-7133.3
9	0.7	24.4	0.77	672.79	40.1	20.05	0.12	18.9	0.0	3617.9	-6973.0
10	0.7	26.3	0.78	233.99	13.95	6.97	0.12	18.9	0.0	3227.4	-6698.9

xc = 37.467 yc = 438.642 Rc = 23.222 Fs=10.716

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.66	4.9	0.66	3056.13	182.15	91.07	0.12	18.9	0.0	3049.5	209.1
2	0.66	6.5	0.67	1708.78	101.84	50.92	0.12	18.9	0.0	1701.8	159.0
3	0.66	8.1	0.67	1592.47	94.91	47.46	0.12	18.9	0.0	1586.7	154.9
4	0.66	9.8	0.67	1462.52	87.17	43.58	0.12	18.9	0.0	1458.4	151.0
5	0.66	11.4	0.67	1308.13	77.96	38.98	0.12	18.9	0.0	1305.6	146.4
6	0.66	13.1	0.68	1128.84	67.28	33.64	0.12	18.9	0.0	1127.1	140.9
7	0.66	14.8	0.68	924.24	55.08	27.54	0.12	18.9	0.0	921.6	134.4
8	0.66	16.5	0.69	693.67	41.34	20.67	0.12	18.9	0.0	687.3	127.0
9	0.66	18.2	0.69	436.59	26.02	13.01	0.12	18.9	0.0	422.6	118.4
10	0.66	19.8	0.7	152.18	9.07	4.53	0.12	18.9	0.0	125.0	108.5

xc = 40.021 yc = 437.898 Rc = 26.162 Fs=6.106

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
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1	2.85	-8.5	2.88	1416.24	84.41	42.2	0.12	18.9	0.0	1552.9	815.7
2	2.18	-3.0	2.18	13660.92	814.19	407.1	0.12	18.9	0.0	13755.0	1460.5
3	2.05	1.7	2.05	20270.13	1208.1	604.05	0.12	18.9	0.0	20224.4	1862.8
4	2.36	6.5	2.38	22698.8	1352.85	676.42	0.12	18.9	0.0	22606.3	2115.5
5	2.36	11.8	2.41	21027.01	1253.21	626.6	0.12	18.9	0.0	21059.9	2049.1
6	2.0	16.7	2.09	17952.88	1069.99	535.0	0.12	18.9	0.0	18221.4	1813.9
7	1.58	20.8	1.69	17403.04	1037.22	518.61	0.12	18.9	0.0	18002.8	1739.0
8	3.49	27.0	3.92	52243.97	3113.74	1556.87	0.12	18.9	0.0	56211.8	5322.1
9	2.36	34.4	2.86	31939.41	1903.59	951.79	0.12	18.9	0.0	36549.9	3829.7
10	2.36	41.0	3.13	22945.43	1367.55	683.77	0.12	18.9	0.0	28086.2	3514.9

xc = 42.574 yc = 438.642 Rc = 23.857 Fs=1.838

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.84	-7.8	0.85	3768.98	224.63	112.32	0.12	18.9	0.0	4020.5	1601.0
2	2.66	-3.6	2.66	10564.54	629.65	314.82	0.12	18.9	0.0	10872.2	4595.3
3	1.75	1.7	1.75	7072.9	421.54	210.77	0.12	18.9	0.0	6986.2	2980.1
4	1.75	5.9	1.76	6701.15	399.39	199.69	0.12	18.9	0.0	6440.0	2878.8
5	2.62	11.3	2.67	10605.03	632.06	316.03	0.12	18.9	0.0	9940.9	4468.5
6	1.58	16.4	1.65	10337.18	616.1	308.05	0.12	18.9	0.0	9741.1	3663.1
7	1.05	19.8	1.12	7708.75	459.44	229.72	0.12	18.9	0.0	7281.7	2689.6
8	1.75	23.4	1.91	22174.73	1321.61	660.81	0.12	18.9	0.0	21419.7	6901.3
9	1.75	28.1	1.98	19380.2	1155.06	577.53	0.12	18.9	0.0	18857.2	6598.1
10	1.75	32.9	2.08	15163.97	903.77	451.89	0.12	18.9	0.0	14826.4	5961.6

xc = 45.127 yc = 437.898 Rc = 22.546 Fs=2.024

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.38	-14.3	0.39	2517.97	150.07	75.04	0.12	18.9	0.0	2816.3	884.5
2	3.29	-9.5	3.34	7911.46	471.52	235.76	0.12	18.9	0.0	8731.6	4288.7
3	1.84	-2.9	1.84	5380.75	320.69	160.35	0.12	18.9	0.0	5515.1	2474.5
4	1.84	1.7	1.84	5452.63	324.98	162.49	0.12	18.9	0.0	5381.6	2444.1
5	1.81	6.4	1.82	7141.6	425.64	212.82	0.12	18.9	0.0	6880.7	2751.9
6	1.58	10.7	1.61	10379.3	618.61	309.3	0.12	18.9	0.0	9956.4	3263.4
7	2.12	15.6	2.22	2429.69	1336.81	668.4	0.12	18.9	0.0	21610.2	6236.2
8	1.84	20.9	1.96	22970.82	1369.06	684.53	0.12	18.9	0.0	22304.4	6396.2
9	1.84	25.9	2.04	20207.74	1204.38	602.19	0.12	18.9	0.0	19786.2	6140.7
10	1.84	31.3	2.15	15926.28	949.21	474.6	0.12	18.9	0.0	15732.5	5586.9

xc = 47.68 yc = 438.642 Rc = 21.456 Fs=1.822

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.83	3.6	0.83	3083.82	183.8	91.9	0.12	18.9	0.0	3005.2	1358.3
2	0.8	5.4	0.8	2897.46	172.69	86.34	0.12	18.9	0.0	2788.6	1288.7

3	0.86	7.7	0.87	3145.14	187.45	93.73	0.12	18.9	0.0	2987.4	1394.5
4	0.83	9.9	0.84	9292.51	553.83	276.92	0.12	18.9	0.0	8959.6	2750.2
5	0.83	12.2	0.85	9037.85	538.66	269.33	0.12	18.9	0.0	8673.6	2711.2
6	0.83	14.5	0.86	8729.37	520.27	260.14	0.12	18.9	0.0	8348.8	2667.5
7	0.83	16.8	0.86	8365.53	498.59	249.29	0.12	18.9	0.0	7981.4	2619.3
8	0.83	19.1	0.88	7944.42	473.49	236.74	0.12	18.9	0.0	7567.9	2565.0
9	0.83	21.5	0.89	7463.73	444.84	222.42	0.12	18.9	0.0	7103.8	2503.6
10	0.83	23.8	0.91	6120.74	364.8	182.4	0.12	18.9	0.0	5787.7	2236.1

xc = 50.233 yc = 437.898 Rc = 22.117 Fs=2.28

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	1.88	-16.0	1.96	1046.21	62.35	31.18	0.12	18.9	0.0	1533.6	1617.8
2	1.88	-10.9	1.92	2657.82	158.41	79.2	0.12	18.9	0.0	3055.8	1836.8
3	1.55	-6.4	1.56	5152.19	307.07	153.54	0.12	18.9	0.0	5410.0	2006.9
4	1.58	-2.4	1.58	10211.29	608.59	304.3	0.12	18.9	0.0	10340.0	2900.8
5	2.52	3.0	2.52	29776.51	1774.68	887.34	0.12	18.9	0.0	29456.3	6972.0
6	1.88	8.7	1.91	26463.59	1577.23	788.62	0.12	18.9	0.0	25867.1	5980.5
7	1.88	13.7	1.94	25117.53	1497.01	748.5	0.12	18.9	0.0	24468.1	5846.5
8	1.88	18.8	1.99	23133.63	1378.76	689.38	0.12	18.9	0.0	22605.5	5680.0
9	1.88	24.0	2.06	20485.38	1220.93	610.46	0.12	18.9	0.0	20203.5	5465.5
10	1.88	29.5	2.17	8252.73	491.86	245.93	0.12	18.9	0.0	7878.6	3256.1

xc = 52.787 yc = 438.642 Rc = 21.313 Fs=3.151

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	1.61	-9.8	1.64	4819.81	287.26	143.63	0.12	18.9	0.0	5138.6	1463.8
2	0.99	-5.9	1.0	4572.2	272.5	136.25	0.12	18.9	0.0	4708.4	1091.8
3	1.3	-2.8	1.31	5004.61	894.27	447.14	0.12	18.9	0.0	15146.9	2595.8
4	1.3	0.7	1.31	5061.94	897.69	448.85	0.12	18.9	0.0	15030.5	2577.1
5	1.3	4.2	1.31	14921.85	889.34	444.67	0.12	18.9	0.0	14774.0	2552.1
6	1.3	7.8	1.32	14582.77	869.13	434.57	0.12	18.9	0.0	14377.1	2520.5
7	1.3	11.3	1.33	14040.95	836.84	418.42	0.12	18.9	0.0	13832.5	2480.9
8	1.3	14.9	1.35	13289.77	792.07	396.04	0.12	18.9	0.0	13127.7	2432.2
9	1.3	18.6	1.37	12319.92	734.27	367.13	0.12	18.9	0.0	12242.0	2370.2
10	1.3	22.3	1.41	6471.28	385.69	192.84	0.12	18.9	0.0	6380.6	1618.8

xc = 55.34 yc = 437.898 Rc = 21.838 Fs=6.069

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	1.63	-16.4	1.69	7030.49	419.02	209.51	0.12	18.9	0.0	7601.1	969.8
2	2.0	-11.2	2.04	19721.21	1175.38	587.69	0.12	18.9	0.0	20475.2	1924.9
3	1.81	-6.1	1.82	24962.66	1487.77	743.89	0.12	18.9	0.0	25336.6	2177.1
4	1.81	-1.3	1.82	25383.03	1512.83	756.41	0.12	18.9	0.0	25439.3	2169.9

5	1.81	3.4	1.8225273.71	1506.31	753.16	0.12	18.9	0.025189.9	2157.0
6	1.81	8.2	1.8324632.26	1468.08	734.04	0.12	18.9	0.024582.7	2137.8
7	1.81	13.1	1.8621547.21	1284.21	642.11	0.12	18.9	0.021674.3	1977.2
8	1.81	18.0	1.91 7188.53	428.44	214.22	0.12	18.9	0.0 7247.8	1008.5
9	1.81	23.1	1.97 4825.97	287.63	143.81	0.12	18.9	0.0 4899.5	887.0
10	1.81	28.4	2.06 1786.21	106.46	53.23	0.12	18.9	0.0 1695.2	705.5

xc = 19.595 yc = 439.386 Rc = 28.151 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.77	-3.4	0.77	2286.37	136.27	68.13	0.12	18.9	0.0	2183.3	-1785.9
2	1.13	-1.5	1.13	4265.34	254.21	127.11	0.12	18.9	0.0	4189.5	-2961.6
3	1.4	1.1	1.4	3540.52	211.02	105.51	0.12	18.9	0.0	3599.5	-3106.0
4	0.5	3.0	0.5	2381.94	141.96	70.98	0.12	18.9	0.0	2466.6	-1529.1
5	0.95	4.5	0.95	12138.05	723.43	361.71	0.12	18.9	0.0	12627.4	-5772.6
6	0.95	6.4	0.96	11983.64	714.22	357.11	0.12	18.9	0.0	12713.5	-5826.5
7	0.95	8.4	0.96	11770.29	701.51	350.75	0.12	18.9	0.0	12753.3	-5872.2
8	0.95	10.4	0.97	11497.21	685.23	342.62	0.12	18.9	0.0	12749.5	-5911.4
9	0.95	12.3	0.97	11163.36	665.34	332.67	0.12	18.9	0.0	12693.2	-5940.3
10	0.95	14.3	0.98	9657.53	575.59	287.79	0.12	18.9	0.0	11326.5	-5495.4

xc = 22.148 yc = 440.13 Rc = 29.877 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	1.86	-13.4	1.91	833.4	49.67	24.84	0.12	18.9	0.0	291.6	-2441.7
2	1.23	-10.3	1.25	1308.09	77.96	38.98	0.12	18.9	0.0	997.2	-1852.1
3	0.89	-8.3	0.9	3526.97	210.21	105.1	0.12	18.9	0.0	3252.3	-2169.0
4	3.46	-4.1	3.47	21364.32	1273.31	636.66	0.12	18.9	0.0	20639.7	-10956.6
5	1.86	1.0	1.86	27578.92	1643.7	821.85	0.12	18.9	0.0	27787.8	-11373.6
6	1.86	4.6	1.87	27293.66	1626.7	813.35	0.12	18.9	0.0	28315.3	-11590.0
7	1.86	8.2	1.88	26585.72	1584.51	792.25	0.12	18.9	0.0	28541.7	-11763.4
8	1.86	11.8	1.92	5456.86	1517.23	758.61	0.12	18.9	0.0	28450.7	-11891.1
9	1.86	15.5	1.93	23891.49	1423.93	711.97	0.12	18.9	0.0	27995.9	-11960.0
10	1.86	19.3	1.97	20756.64	1237.1	618.55	0.12	18.9	0.0	25776.0	-11483.1

xc = 27.255 yc = 440.13 Rc = 30.388 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.71	-17.8	0.74	2388.05	142.33	71.16	0.12	18.9	0.0	1933.0	-1878.7
2	5.15	-12.2	5.27	42435.85	2529.18	1264.59	0.12	18.9	0.0	38603.0	-22809.0
3	2.93	-4.4	2.94	45851.18	2732.73	1366.37	0.12	18.9	0.0	44341.5	-21322.9
4	2.93	1.1	2.93	46441.47	2767.91	1383.96	0.12	18.9	0.0	46877.9	-22232.9
5	2.93	6.6	2.95	45430.91	2707.68	1353.84	0.12	18.9	0.0	48400.5	-22999.3
6	2.93	12.3	3.04	2808.66	2551.4	1275.7	0.12	18.9	0.0	48819.1	-23612.5

7	2.42	17.5	2.53	8398.28	500.54	250.27	0.12	18.9	0.0	11293.6	-8292.8
8	1.19	21.1	1.28	3972.65	236.77	118.38	0.12	18.9	0.0	5812.2	-4326.2
9	0.99	23.3	1.07	8979.64	535.19	267.59	0.12	18.9	0.0	12503.2	-6899.4
10	7.12	32.3	8.423	5087.64	2091.22	1045.61	0.12	18.9	0.0	64715.2	-43516.3

xc = 32.361 yc = 440.13 Rc = 27.026 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm ²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.48	13.2	0.49	395.23	23.56	11.78	0.12	18.9	0.0	870.7	-2031.7
2	0.99	14.8	1.02	5620.4	334.98	167.49	0.12	18.9	0.0	8154.9	-9158.1
3	0.91	16.9	0.95	4596.85	273.97	136.99	0.12	18.9	0.0	7228.1	-8340.8
4	0.79	18.8	0.84	3579.07	213.31	106.66	0.12	18.9	0.0	6100.4	-7205.9
5	0.79	20.6	0.85	3153.1	187.93	93.96	0.12	18.9	0.0	5875.4	-7134.6
6	0.79	22.4	0.86	2684.6	160.0	80.0	0.12	18.9	0.0	5571.1	-7008.0
7	0.79	24.2	0.87	2171.93	129.45	64.72	0.12	18.9	0.0	5179.4	-6820.1
8	0.79	26.0	0.88	1613.23	96.15	48.07	0.12	18.9	0.0	4665.1	-6534.4
9	0.79	28.0	0.9	1006.36	59.98	29.99	0.12	18.9	0.0	4023.3	-6149.8
10	0.79	29.9	0.91	348.79	20.79	10.39	0.12	18.9	0.0	3189.8	-5597.1

xc = 34.914 yc = 439.386 Rc = 24.722 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm ²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.88	10.3	0.89	3679.54	219.3	109.65	0.12	18.9	0.0	5583.0	-10357.4
2	0.39	11.7	0.4	1305.4	77.8	38.9	0.12	18.9	0.0	2216.2	-4341.8
3	0.64	13.0	0.65	1967.43	117.26	58.63	0.12	18.9	0.0	3615.8	-7097.5
4	0.64	14.5	0.66	1779.37	106.05	53.03	0.12	18.9	0.0	3637.1	-7186.7
5	0.64	16.0	0.66	1569.57	93.55	46.77	0.12	18.9	0.0	3638.3	-7261.8
6	0.64	17.6	0.67	1337.44	79.71	39.86	0.12	18.9	0.0	3610.8	-7311.5
7	0.64	19.1	0.67	1082.44	64.51	32.26	0.12	18.9	0.0	3547.0	-7326.4
8	0.64	20.7	0.68	804.01	47.92	23.96	0.12	18.9	0.0	3440.2	-7297.8
9	0.64	22.3	0.69	501.43	29.89	14.94	0.12	18.9	0.0	3276.4	-7206.8
10	0.64	23.9	0.7	173.83	10.36	5.18	0.12	18.9	0.0	3037.1	-7028.1

xc = 37.467 yc = 440.13 Rc = 26.442 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm ²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.51	2.3	0.51	495.98	29.56	14.78	0.12	18.9	0.0	516.8	-507.4
2	0.99	3.9	0.99	6091.73	363.07	181.53	0.12	18.9	0.0	6249.9	-2117.4
3	3.12	8.4	3.15	17485.6	1042.14	521.07	0.12	18.9	0.0	18624.8	-6523.8
4	1.54	13.5	1.58	7329.04	436.81	218.41	0.12	18.9	0.0	8259.9	-3090.8
5	1.54	17.0	1.61	6110.56	364.19	182.09	0.12	18.9	0.0	7244.8	-2935.0
6	1.54	20.5	1.64	4589.31	273.52	136.76	0.12	18.9	0.0	5845.5	-2703.7
7	1.05	23.5	1.14	4270.59	254.53	127.26	0.12	18.9	0.0	5561.3	-2270.4
8	1.58	26.6	1.77	8092.07	482.29	241.14	0.12	18.9	0.0	10922.8	-4167.1

9	1.98	31.1	2.3215678.27	934.42	467.21	0.12	18.9	0.022280.8	-7698.3
10	1.54	35.6	1.8913163.69	784.56	392.28	0.12	18.9	0.020392.7	-7204.7

xc = 40.021 yc = 439.386 Rc = 27.464 Fs=6.689

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	1.98	-7.2	2.0	561.47	33.46	16.73	0.12	18.9	0.0	626.9	486.8
2	1.19	-3.9	1.2	3483.01	207.59	103.79	0.12	18.9	0.0	3523.4	483.8
3	0.99	-1.6	0.99	9519.49	567.36	283.68	0.12	18.9	0.0	9545.5	806.8
4	5.06	4.8	5.0847522.22	2832.32	1416.16	0.12	18.9	0.0	47350.2	4054.8	
5	2.31	12.5	2.3619261.06	1147.96	573.98	0.12	18.9	0.0	19349.3	1756.9	
6	1.41	16.5	1.4712681.11	755.79	377.9	0.12	18.9	0.0	12894.8	1168.2	
7	1.58	19.8	1.6817095.37	1018.88	509.44	0.12	18.9	0.0	17645.2	1550.8	
8	3.93	26.1	4.3758453.69	3483.84	1741.92	0.12	18.9	0.0	62733.5	5380.2	
9	2.31	33.6	2.7730350.92	1808.92	904.46	0.12	18.9	0.0	34606.8	3293.2	
10	2.31	39.6	2.9922045.65	1313.92	656.96	0.12	18.9	0.0	26699.1	2994.1	

xc = 42.574 yc = 440.13 Rc = 24.91 Fs=1.99

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.66	-7.2	0.67	3160.25	188.35	94.18	0.12	18.9	0.0	3336.6	1197.4
2	2.74	-3.3	2.74	8643.07	515.13	257.56	0.12	18.9	0.0	8884.1	3891.8
3	1.7	1.8	1.7	5462.95	325.59	162.8	0.12	18.9	0.0	5391.6	2385.9
4	1.7	5.7	1.71	5105.54	304.29	152.15	0.12	18.9	0.0	4902.7	2300.7
5	1.7	9.6	1.72	4375.92	260.8	130.4	0.12	18.9	0.0	4076.6	2161.1
6	0.94	12.7	0.96	4142.01	246.86	123.43	0.12	18.9	0.0	3902.1	1562.9
7	1.58	15.7	1.64	9138.32	544.64	272.32	0.12	18.9	0.0	8644.9	3131.7
8	2.58	20.8	2.7625523.86	1521.22	760.61	0.12	18.9	0.0	24588.8	7641.7	
9	1.7	26.1	1.8918243.17	1087.29	543.65	0.12	18.9	0.0	17820.0	5679.2	
10	1.7	30.6	1.9714486.89	863.42	431.71	0.12	18.9	0.0	14218.8	5127.2	

xc = 45.127 yc = 439.386 Rc = 23.619 Fs=2.154

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.22	-13.5	0.23	2300.46	137.11	68.55	0.12	18.9	0.0	2519.5	655.7
2	3.35	-9.0	3.39	5519.22	328.95	164.47	0.12	18.9	0.0	6146.2	3560.1
3	1.79	-2.7	1.79	3835.36	228.59	114.29	0.12	18.9	0.0	3934.8	1987.8
4	1.79	1.6	1.79	3894.84	232.13	116.07	0.12	18.9	0.0	3840.9	1967.5
5	1.85	6.0	1.86	5798.77	345.61	172.8	0.12	18.9	0.0	5583.1	2362.4
6	1.72	10.4	1.75	9948.47	592.93	296.46	0.12	18.9	0.0	9557.4	3085.3
7	1.79	14.8	1.8517728.96	1056.65	528.32	0.12	18.9	0.0	17135.9	4702.9	
8	1.79	19.3	1.8921443.01	1278.0	639.0	0.12	18.9	0.0	20867.2	5606.7	
9	1.79	24.0	1.9519042.37	1134.93	567.46	0.12	18.9	0.0	18656.5	5376.3	
10	1.79	28.8	2.0415239.85	908.3	454.15	0.12	18.9	0.0	15040.4	4884.8	

xc = 47.68 yc = 440.13 Rc = 25.053 Fs=2.159

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.22	-18.7	0.23	2305.33	137.4	68.7	0.12	18.9	0.0	2658.5	704.1
2	4.16	-13.5	4.28	9147.97	545.22	272.61	0.12	18.9	0.0	10605.0	5111.7
3	2.19	-6.1	2.2	7098.57	423.07	211.54	0.12	18.9	0.0	7453.9	2955.4
4	2.42	-0.8	2.42	10720.42	638.94	319.47	0.12	18.9	0.0	10774.9	3718.6
5	1.97	4.2	1.97	15202.58	906.07	453.04	0.12	18.9	0.0	14934.6	4215.2
6	2.19	9.0	2.22	29896.91	1781.86	890.93	0.12	18.9	0.0	29148.3	7170.7
7	2.19	14.1	2.26	1639.88	1885.74	942.87	0.12	18.9	0.0	30759.6	7649.0
8	2.19	19.4	2.32	28865.37	1720.38	860.19	0.12	18.9	0.0	28148.6	7381.4
9	2.19	24.8	2.41	25134.68	1498.03	749.01	0.12	18.9	0.0	24739.9	7023.8
10	2.19	30.4	2.54	16315.2	972.39	486.19	0.12	18.9	0.0	16093.1	5588.3

xc = 50.233 yc = 439.386 Rc = 22.879 Fs=2.264

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	1.51	-9.1	1.53	384.86	22.94	11.47	0.12	18.9	0.0	566.7	1123.7
2	1.14	-5.7	1.15	2848.75	169.79	84.89	0.12	18.9	0.0	2992.6	1302.6
3	1.58	-2.3	1.58	7999.29	476.76	238.38	0.12	18.9	0.0	8106.2	2514.8
4	1.82	2.0	1.82	17127.79	1020.82	510.41	0.12	18.9	0.0	16990.0	4286.5
5	1.51	6.2	1.52	19485.76	1161.35	580.68	0.12	18.9	0.0	19116.2	4500.2
6	1.51	10.0	1.54	18864.26	1124.31	562.16	0.12	18.9	0.0	18388.1	4418.6
7	1.51	13.9	1.56	17945.3	1069.54	534.77	0.12	18.9	0.0	17448.4	4321.2
8	1.51	17.8	1.59	16712.36	996.06	498.03	0.12	18.9	0.0	16268.3	4202.4
9	1.51	21.8	1.63	15145.59	902.68	451.34	0.12	18.9	0.0	14808.8	4053.5
10	1.51	26.0	1.68	12720.8	758.16	379.08	0.12	18.9	0.0	12505.5	3759.7

xc = 52.787 yc = 440.13 Rc = 24.559 Fs=3.527

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	2.09	-16.6	2.18	1334.01	79.51	39.75	0.12	18.9	0.0	1725.1	1168.9
2	1.7	-12.0	1.73	4818.65	287.19	143.6	0.12	18.9	0.0	5211.2	1368.4
3	1.58	-8.1	1.61	157.16	605.37	302.68	0.12	18.9	0.0	10530.9	1920.9
4	2.99	-2.8	3.03	7817.04	2253.9	1126.95	0.12	18.9	0.0	38136.2	5718.0
5	2.09	3.2	2.09	31066.06	1851.54	925.77	0.12	18.9	0.0	30865.0	4489.3
6	2.09	8.1	2.11	30246.39	1802.69	901.34	0.12	18.9	0.0	29927.7	4424.7
7	2.09	13.1	2.15	28685.56	1709.66	854.83	0.12	18.9	0.0	28466.9	4336.7
8	2.09	18.1	2.22	2250.78	1326.15	663.07	0.12	18.9	0.0	22258.9	3707.1
9	2.09	23.4	2.28	6479.57	386.18	193.09	0.12	18.9	0.0	6324.9	1848.7
10	2.09	28.8	2.38	2406.68	143.44	71.72	0.12	18.9	0.0	2061.7	1421.0

xc = 24.702 yc = 440.875 Rc = 30.801 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	1.3	-14.9	1.34	443.29	26.42	13.21	0.12	18.9	0.0	-29.1	-1892.5
2	0.89	-12.9	0.92	3049.18	181.73	90.87	0.12	18.9	0.0	2615.2	-2302.6
3	3.82	-8.4	3.87	25758.55	1535.21	767.6	0.12	18.9	0.0	23918.6	-14503.8
4	2.01	-2.9	2.01	30265.35	1803.82	901.91	0.12	18.9	0.0	29589.3	-13971.4
5	2.01	0.8	2.01	30462.03	1815.54	907.77	0.12	18.9	0.0	30666.7	-14359.1
6	2.01	4.5	2.01	30152.27	1797.08	898.54	0.12	18.9	0.0	31409.1	-14693.2
7	2.01	8.3	2.03	29331.3	1748.15	874.07	0.12	18.9	0.0	31801.0	-14972.6
8	2.01	12.1	2.05	27987.03	1668.03	834.01	0.12	18.9	0.0	31799.2	-15184.8
9	2.01	15.9	2.09	26115.27	1556.47	778.24	0.12	18.9	0.0	31366.0	-15320.9
10	2.01	19.9	2.13	15685.26	934.84	467.42	0.12	18.9	0.0	20537.8	-11371.1

xc = 27.255 yc = 441.619 Rc = 31.724 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.53	-16.9	0.55	2276.69	135.69	67.85	0.12	18.9	0.0	1910.7	-1612.2
2	5.35	-11.5	5.46	4378.34	2644.95	1322.47	0.12	18.9	0.0	40450.0	-24314.1
3	2.94	-3.9	2.95	45278.8	2698.62	1349.31	0.12	18.9	0.0	43925.4	-21653.7
4	2.94	1.5	2.94	45738.86	2726.04	1363.02	0.12	18.9	0.0	46326.6	-22554.4
5	2.94	6.8	2.96	44648.61	2661.06	1330.53	0.12	18.9	0.0	47717.8	-23289.6
6	2.94	12.2	3.01	41996.04	2502.96	1251.48	0.12	18.9	0.0	47996.4	-23840.9
7	2.17	16.9	2.26	4532.23	270.12	135.06	0.12	18.9	0.0	6509.4	-6079.9
8	1.19	20.1	1.27	3832.14	228.4	114.2	0.12	18.9	0.0	5555.5	-4280.5
9	0.99	22.2	1.07	8904.73	530.72	265.36	0.12	18.9	0.0	12224.4	-6875.6
10	7.41	31.0	8.65	36352.7	2166.62	1083.31	0.12	18.9	0.0	65495.9	-44716.2

xc = 32.361 yc = 441.619 Rc = 28.058 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.24	13.0	0.25	101.8	6.07	3.03	0.12	18.9	0.0	363.0	-1151.9
2	0.99	14.3	1.02	4829.77	287.85	143.93	0.12	18.9	0.0	7511.3	-10266.3
3	0.92	16.3	0.96	3905.16	232.75	116.37	0.12	18.9	0.0	6699.8	-9405.9
4	0.72	18.0	0.75	2702.9	161.09	80.55	0.12	18.9	0.0	5102.8	-7313.9
5	0.72	19.6	0.76	2372.73	141.41	70.71	0.12	18.9	0.0	4947.8	-7259.0
6	0.72	21.1	0.77	2012.94	119.97	59.99	0.12	18.9	0.0	4734.0	-7154.6
7	0.72	22.7	0.78	1622.65	96.71	48.35	0.12	18.9	0.0	4453.0	-6992.0
8	0.72	24.3	0.78	1200.83	71.57	35.78	0.12	18.9	0.0	4098.3	-6765.0
9	0.72	25.9	0.8	746.31	44.48	22.24	0.12	18.9	0.0	3643.4	-6442.9
10	0.72	27.5	0.81	257.73	15.36	7.68	0.12	18.9	0.0	3061.8	-5994.8

xc = 34.914 yc = 440.875 Rc = 25.785 Fs=8.282

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.68	10.1	0.69	3075.81	183.32	91.66	0.12	18.9	0.0	3075.0	280.6
2	0.4	11.3	0.41	1017.68	60.65	30.33	0.12	18.9	0.0	1013.0	126.1
3	0.54	12.4	0.55	1268.64	75.61	37.81	0.12	18.9	0.0	1263.3	165.7
4	0.54	13.6	0.55	1141.67	68.04	34.02	0.12	18.9	0.0	1136.8	160.5
5	0.54	14.8	0.56	1002.2	59.73	29.87	0.12	18.9	0.0	997.1	154.8
6	0.54	16.1	0.56	849.95	50.66	25.33	0.12	18.9	0.0	843.4	148.4
7	0.54	17.3	0.56	684.71	40.81	20.4	0.12	18.9	0.0	675.1	141.3
8	0.54	18.6	0.57	506.21	30.17	15.08	0.12	18.9	0.0	491.5	133.5
9	0.54	19.8	0.57	314.18	18.72	9.36	0.12	18.9	0.0	291.7	124.7
10	0.54	21.1	0.58	108.28	6.45	3.23	0.12	18.9	0.0	74.6	115.2

xc = 37.467 yc = 441.619 Rc = 27.494 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.29	2.5	0.29	164.09	9.78	4.89	0.12	18.9	0.0	179.2	-347.8
2	0.99	3.8	0.99	5278.89	314.62	157.31	0.12	18.9	0.0	5456.3	-2537.2
3	3.19	8.1	3.23	15305.78	912.22	456.11	0.12	18.9	0.0	16595.0	-8005.3
4	1.49	13.1	1.53	5902.46	351.79	175.89	0.12	18.9	0.0	6869.6	-3571.3
5	1.49	16.3	1.55	4795.1	285.79	142.89	0.12	18.9	0.0	5945.7	-3378.4
6	1.49	19.6	1.58	3428.18	204.32	102.16	0.12	18.9	0.0	4675.6	-3094.4
7	1.1	22.5	1.2	3681.15	219.4	109.7	0.12	18.9	0.0	5073.9	-2851.3
8	1.58	25.6	1.75	7139.55	425.52	212.76	0.12	18.9	0.0	10119.7	-5114.6
9	1.79	29.5	2.05	12735.7	759.05	379.52	0.12	18.9	0.0	18801.0	-8452.2
10	1.49	33.5	1.79	12576.92	749.58	374.79	0.12	18.9	0.0	20003.9	-8904.0

xc = 40.021 yc = 440.875 Rc = 28.661 Fs=8.618

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	1.18	-3.7	1.18	2823.8	168.3	84.15	0.12	18.9	0.0	2851.5	341.3
2	0.99	-1.5	0.99	8966.04	534.38	267.19	0.12	18.9	0.0	8985.1	599.4
3	4.19	3.7	4.2	37266.2	2221.07	1110.53	0.12	18.9	0.0	37182.4	2504.8
4	2.12	10.0	2.15	17372.16	1035.38	517.69	0.12	18.9	0.0	17428.7	1222.1
5	2.47	14.7	2.55	20061.04	1195.64	597.82	0.12	18.9	0.0	20370.9	1460.4
6	1.77	19.2	1.88	18312.08	1091.4	545.7	0.12	18.9	0.0	18958.2	1301.1
7	2.12	23.3	2.31	30633.4	1825.75	912.88	0.12	18.9	0.0	32519.4	2124.6
8	2.12	28.0	2.43	1653.54	1886.55	943.28	0.12	18.9	0.0	34758.2	2349.6
9	2.12	33.0	2.53	26563.59	1583.19	791.59	0.12	18.9	0.0	30436.0	2251.5
10	2.12	38.2	2.71	9665.85	1172.08	586.04	0.12	18.9	0.0	23761.2	2035.2

xc = 42.574 yc = 441.619 Rc = 25.962 Fs=2.182

Nr.	B	Alfa	Li	Wi	Kh•Wi	Kv•Wi	c	Fi	Ui	N'i	Ti
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	m	(°)	m	(Kg)	(Kg)	(Kg)	(kg/cm²)	(°)	(Kg)	(Kg)	(Kg)
1	0.48	-6.8	0.48	2695.73	160.67	80.33	0.12	18.9	0.0	2816.8	865.9
2	2.8	-3.1	2.8	6539.96	389.78	194.89	0.12	18.9	0.0	6723.4	3183.8
3	1.64	1.8	1.64	3910.99	233.1	116.55	0.12	18.9	0.0	3855.9	1845.9
4	1.64	5.4	1.65	3590.99	214.02	107.01	0.12	18.9	0.0	3439.5	1778.9
5	1.64	9.1	1.66	2943.88	175.46	87.73	0.12	18.9	0.0	2718.8	1665.0
6	1.05	12.1	1.08	3576.01	213.13	106.57	0.12	18.9	0.0	3364.4	1398.9
7	1.58	15.1	1.64	7928.31	472.53	236.26	0.12	18.9	0.0	7528.0	2625.8
8	2.29	19.6	2.43	20485.32	1220.93	610.46	0.12	18.9	0.0	19824.4	5720.6
9	1.64	24.2	1.81	7061.18	1016.85	508.42	0.12	18.9	0.0	16736.9	4803.9
10	1.64	28.3	1.86	13747.77	819.37	409.68	0.12	18.9	0.0	13552.1	4341.0

xc = 45.127 yc = 440.875 Rc = 27.559 Fs=150.214

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.3	-13.6	0.31	195.39	11.65	5.82	0.12	18.9	0.0	201.9	3.7
2	0.99	-12.3	1.01	5723.9	341.14	170.57	0.12	18.9	0.0	5863.7	26.7
3	5.82	-5.1	5.84	38864.43	2316.32	1158.16	0.12	18.9	0.0	39036.8	165.4
4	2.95	4.0	2.96	22282.92	1328.06	664.03	0.12	18.9	0.0	22331.3	90.7
5	1.78	9.0	1.81	18919.92	1127.63	563.81	0.12	18.9	0.0	19143.4	71.2
6	2.37	13.4	2.43	37176.86	2215.74	1107.87	0.12	18.9	0.0	38183.1	132.3
7	2.37	18.5	2.53	9193.25	2335.92	1167.96	0.12	18.9	0.0	41284.3	145.3
8	2.37	23.8	2.59	35022.93	2087.37	1043.68	0.12	18.9	0.0	38219.2	142.4
9	2.37	29.3	2.72	29631.99	1766.07	883.03	0.12	18.9	0.0	33915.7	137.4
10	2.37	35.1	2.91	3262.36	790.44	395.22	0.12	18.9	0.0	16167.8	89.2

xc = 47.68 yc = 441.619 Rc = 25.804 Fs=2.152

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	2.03	-14.5	2.09	1097.2	65.39	32.7	0.12	18.9	0.0	1587.9	1808.6
2	2.03	-9.9	2.06	2787.51	166.14	83.07	0.12	18.9	0.0	3185.6	2061.9
3	2.03	-5.4	2.04	3835.39	228.59	114.29	0.12	18.9	0.0	4058.2	2192.4
4	2.26	-0.6	2.26	6942.57	413.78	206.89	0.12	18.9	0.0	6974.0	2892.0
5	1.8	3.9	1.81	1364.09	677.3	338.65	0.12	18.9	0.0	11160.5	3387.1
6	2.03	8.2	2.05	23325.54	1390.2	695.1	0.12	18.9	0.0	22737.8	5820.9
7	2.03	12.8	2.08	26841.0	1599.72	799.86	0.12	18.9	0.0	26067.0	6581.8
8	2.03	17.4	2.12	24717.42	1473.16	736.58	0.12	18.9	0.0	24004.9	6348.0
9	2.03	22.2	2.19	21910.19	1305.85	652.92	0.12	18.9	0.0	21379.3	6048.6
10	2.03	27.2	2.28	17528.36	1044.69	522.35	0.12	18.9	0.0	17206.0	5467.1

xc = 50.233 yc = 440.875 Rc = 23.663 Fs=2.308

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
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1	1.62	-2.6	1.62	6037.41	359.83	179.91	0.12	18.9	0.0	6140.7	2143.4
2	0.63	0.5	0.63	2370.83	141.3	70.65	0.12	18.9	0.0	2363.9	825.2
3	1.13	2.6	1.1311511.63	686.09	343.05	0.12	18.9	0.0	11399.3	2760.0	
4	1.13	5.3	1.1313039.47	777.15	388.58	0.12	18.9	0.0	12815.3	3025.0	
5	1.13	8.1	1.1412757.75	760.36	380.18	0.12	18.9	0.0	12466.6	2983.4	
6	1.13	10.8	1.1512358.28	736.55	368.28	0.12	18.9	0.0	12031.0	2934.4	
7	1.13	13.6	1.1611838.18	705.56	352.78	0.12	18.9	0.0	11503.3	2876.6	
8	1.13	16.4	1.1711193.55	667.14	333.57	0.12	18.9	0.0	10875.7	2808.8	
9	1.13	19.3	1.1910419.36	620.99	310.5	0.12	18.9	0.0	10138.1	2728.2	
10	1.13	22.2	1.22 8709.25	519.07	259.54	0.12	18.9	0.0	8471.1	2476.3	

xc = 52.787 yc = 441.619 Rc = 25.446 Fs=3.556

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	1.89	-11.8	1.93	2960.05	176.42	88.21	0.12	18.9	0.0	3271.4	1209.5
2	1.75	-7.6	1.77	9294.48	553.95	276.98	0.12	18.9	0.0	9626.1	1869.2
3	1.82	-3.6	1.8219527.45	1163.84	581.92	0.12	18.9	0.0	19757.2	3053.5	
4	1.82	0.5	1.8225051.03	1493.04	746.52	0.12	18.9	0.0	25019.9	3655.0	
5	1.82	4.6	1.8224774.77	1476.58	738.29	0.12	18.9	0.0	24564.7	3616.3	
6	1.82	8.7	1.8424036.65	1432.58	716.29	0.12	18.9	0.0	23777.9	3561.4	
7	1.82	12.9	1.8722824.94	1360.37	680.18	0.12	18.9	0.0	22637.8	3487.2	
8	1.82	17.2	1.919163.63	1142.15	571.08	0.12	18.9	0.0	19127.1	3148.6	
9	1.82	21.5	1.95 4365.52	260.19	130.09	0.12	18.9	0.0	4179.6	1398.0	
10	1.82	26.0	2.02 1606.85	95.77	47.88	0.12	18.9	0.0	1301.9	1108.5	

xc = 55.34 yc = 440.875 Rc = 23.669 Fs=7.329

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	1.6	-14.9	1.66	3660.49	218.17	109.08	0.12	18.9	0.0	3935.1	576.6
2	1.67	-10.7	1.7	11660.4	694.96	347.48	0.12	18.9	0.0	12060.7	1039.6
3	1.64	-6.7	1.6518	792.02	1120.0	560.0	0.12	18.9	0.0	19083.6	1414.9
4	1.64	-2.7	1.6419	206.45	1144.71	572.35	0.12	18.9	0.0	19293.5	1416.8
5	1.64	1.3	1.6419	268.68	1148.41	574.21	0.12	18.9	0.0	19242.1	1412.4
6	1.64	5.2	1.6418	979.75	1131.19	565.6	0.12	18.9	0.0	18931.4	1401.8
7	1.64	9.2	1.6618	335.11	1092.77	546.39	0.12	18.9	0.0	18353.8	1384.4
8	1.64	13.3	1.6812	200.39	727.14	363.57	0.12	18.9	0.0	12292.2	1059.2
9	1.64	17.4	1.71	2852.95	170.04	85.02	0.12	18.9	0.0	2830.9	530.8
10	1.64	21.6	1.76	1058.17	63.07	31.53	0.12	18.9	0.0	975.2	442.6

xc = 24.702 yc = 442.363 Rc = 32.137 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.93	-14.0	0.96	209.45	12.48	6.24	0.12	18.9	0.0	-112.6	-1361.0
2	0.89	-12.3	0.91	2846.83	169.67	84.84	0.12	18.9	0.0	2421.3	-2309.7

3	4.04	-7.9	4.0827624.23	1646.4	823.2	0.12	18.9	0.025687.8	-16078.2
4	1.95	-2.5	1.9628960.88	1726.07	863.03	0.12	18.9	0.028384.1	-13982.2
5	1.95	1.0	1.9529104.79	1734.65	867.32	0.12	18.9	0.029363.0	-14355.0
6	1.95	4.5	1.9628798.57	1716.4	858.2	0.12	18.9	0.030039.9	-14672.9
7	1.95	8.0	1.9728040.08	1671.19	835.59	0.12	18.9	0.030395.5	-14932.0
8	1.95	11.5	1.9926818.57	1598.39	799.19	0.12	18.9	0.030398.8	-15123.8
9	1.95	15.1	2.0225138.71	1498.27	749.13	0.12	18.9	0.030021.5	-15240.4
10	1.95	18.8	2.0616567.54	987.43	493.71	0.12	18.9	0.021359.4	-11993.5

xc = 27.255 yc = 443.107 Rc = 33.06 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.25	-15.9	0.26	2203.94	131.35	65.68	0.12	18.9	0.0	1961.1	-1206.2
2	2.53	-13.5	2.6	9192.96	547.9	273.95	0.12	18.9	0.0	7798.6	-7105.4
3	6.04	-5.9	6.0785914.99	5120.53	2560.27	0.12	18.9	0.0	82034.7	-41983.5	
4	2.94	1.9	2.9444830.92	2671.92	1335.96	0.12	18.9	0.0	45596.9	-22592.4	
5	2.94	7.0	2.9643648.72	2601.46	1300.73	0.12	18.9	0.0	46809.4	-23270.1	
6	2.94	12.2	3.0138247.19	2279.53	1139.77	0.12	18.9	0.0	43866.3	-22486.3	
7	1.89	16.5	1.97	3195.24	190.44	95.22	0.12	18.9	0.0	4742.7	-4972.3
8	1.19	19.3	1.26	3672.98	218.91	109.45	0.12	18.9	0.0	5275.9	-4190.2
9	0.99	21.3	1.06	8810.36	525.1	262.55	0.12	18.9	0.0	11923.3	-6788.7
10	7.68	29.9	8.8737374.18	2227.5	1113.75	0.12	18.9	0.0	65727.6	-45307.5	

xc = 32.361 yc = 443.107 Rc = 29.09 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.63	13.4	0.64	737.84	43.98	21.99	0.12	18.9	0.0	1812.7	-4558.4
2	0.37	14.4	0.38	3294.67	196.36	98.18	0.12	18.9	0.0	5202.1	-7255.0
3	0.89	15.6	0.92	3090.59	184.2	92.1	0.12	18.9	0.0	6007.8	-10385.7
4	0.63	17.2	0.66	1914.77	114.12	57.06	0.12	18.9	0.0	4174.3	-7336.7
5	0.63	18.5	0.66	1674.24	99.78	49.89	0.12	18.9	0.0	4082.4	-7305.6
6	0.63	19.8	0.67	1414.76	84.32	42.16	0.12	18.9	0.0	3955.1	-7240.1
7	0.63	21.1	0.67	1135.97	67.7	33.85	0.12	18.9	0.0	3790.5	-7138.5
8	0.63	22.4	0.68	837.28	49.9	24.95	0.12	18.9	0.0	3569.2	-6974.5
9	0.63	23.8	0.69	518.17	30.88	15.44	0.12	18.9	0.0	3289.6	-6747.5
10	0.63	25.2	0.69	178.02	10.61	5.3	0.12	18.9	0.0	2927.2	-6423.5

xc = 34.914 yc = 442.363 Rc = 28.785 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.47	7.2	0.47	407.08	24.26	12.13	0.12	18.9	0.0	600.8	-1517.4
2	0.99	8.7	1.0	5794.84	345.37	172.69	0.12	18.9	0.0	6908.4	-6909.1
3	1.57	11.3	1.6	8316.5	495.66	247.83	0.12	18.9	0.0	10602.1	-10852.3
4	1.01	13.9	1.04	4795.82	285.83	142.92	0.12	18.9	0.0	6606.9	-6934.6

5	1.01	16.0	1.05	4280.4	255.11	127.56	0.12	18.9	0.0	6336.5	-6843.9
6	1.01	18.1	1.06	3688.72	219.85	109.92	0.12	18.9	0.0	5958.7	-6692.8
7	1.01	20.2	1.07	3018.14	179.88	89.94	0.12	18.9	0.0	5448.2	-6460.5
8	1.01	22.4	1.09	2265.71	135.04	67.52	0.12	18.9	0.0	4781.6	-6127.8
9	1.01	24.6	1.11	1427.56	85.08	42.54	0.12	18.9	0.0	3922.7	-5663.8
10	1.01	26.8	1.13	2686.92	160.14	80.07	0.12	18.9	0.0	6471.3	-7680.7

xc = 37.467 yc = 443.107 Rc = 30.968 Fs=19.81

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	3.01	-2.6	3.02	647.59	38.6	19.3	0.12	18.9	0.0	659.1	240.4
2	2.18	2.2	2.18	12008.92	715.73	357.87	0.12	18.9	0.0	12001.9	413.4
3	1.58	5.7	1.59	13991.05	833.87	416.93	0.12	18.9	0.0	14019.7	412.7
4	2.26	9.3	2.29	18918.46	1127.54	563.77	0.12	18.9	0.0	19077.6	575.7
5	2.26	13.6	2.32	16976.63	1011.81	505.9	0.12	18.9	0.0	17335.6	549.9
6	2.67	18.3	2.81	18686.89	1113.74	556.87	0.12	18.9	0.0	19481.2	648.6
7	1.85	22.8	2.01	16396.94	977.26	488.63	0.12	18.9	0.0	17568.6	559.1
8	2.26	27.0	2.54	29456.52	1755.61	877.8	0.12	18.9	0.0	32614.5	973.8
9	2.26	31.8	2.66	28492.12	1698.13	849.07	0.12	18.9	0.0	32973.3	1040.5
10	2.26	36.9	2.82	21080.29	1256.39	628.19	0.12	18.9	0.0	25788.0	934.4

xc = 40.021 yc = 442.363 Rc = 27.254 Fs=2.104

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.81	-1.4	0.81	3590.98	214.02	107.01	0.12	18.9	0.0	3623.7	1283.1
2	2.28	1.8	2.28	7789.42	464.25	232.12	0.12	18.9	0.0	7693.0	3116.2
3	1.54	5.9	1.55	4906.49	292.43	146.21	0.12	18.9	0.0	4724.8	2031.9
4	1.54	9.1	1.56	4310.05	256.88	128.44	0.12	18.9	0.0	4059.8	1924.0
5	1.54	12.5	1.58	3446.75	205.43	102.71	0.12	18.9	0.0	3146.9	1775.1
6	1.86	16.2	1.94	4809.28	286.63	143.32	0.12	18.9	0.0	4363.0	2314.9
7	1.58	20.0	1.68	7338.85	437.4	218.7	0.12	18.9	0.0	6886.9	2698.1
8	1.19	23.1	1.29	7131.75	425.05	212.53	0.12	18.9	0.0	6796.4	2438.5
9	1.54	26.3	1.72	16125.52	961.08	480.54	0.12	18.9	0.0	15851.6	4814.1
10	1.54	29.9	1.78	12909.28	769.39	384.7	0.12	18.9	0.0	12737.4	4328.5

xc = 42.574 yc = 443.107 Rc = 27.014 Fs=2.292

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.3	-6.2	0.3	2379.65	141.83	70.91	0.12	18.9	0.0	2463.1	638.7
2	2.84	-3.0	2.85	4299.68	256.26	128.13	0.12	18.9	0.0	4442.1	2648.6
3	1.57	1.7	1.57	2443.96	145.66	72.83	0.12	18.9	0.0	2401.5	1450.6
4	1.57	5.1	1.58	2166.6	129.13	64.56	0.12	18.9	0.0	2051.8	1396.2
5	1.57	8.4	1.59	1613.97	96.19	48.1	0.12	18.9	0.0	1441.0	1302.2
6	1.22	11.4	1.24	2876.35	171.43	85.72	0.12	18.9	0.0	2674.6	1312.3

7	1.58	14.5	1.63	6725.67	400.85	200.42	0.12	18.9	0.0	6377.2	2276.3
8	1.91	18.3	2.01	14891.9	887.56	443.78	0.12	18.9	0.0	14399.2	4098.4
9	1.57	22.3	1.71	5833.77	943.69	471.85	0.12	18.9	0.0	15518.5	4199.2
10	1.57	25.9	1.75	12942.75	771.39	385.69	0.12	18.9	0.0	12729.4	3799.3

xc = 45.127 yc = 442.363 Rc = 25.236 Fs=1.716

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.67	8.6	0.67	2255.13	134.41	67.2	0.12	18.9	0.0	2115.4	1103.6
2	0.96	10.3	0.97	3016.34	179.77	89.89	0.12	18.9	0.0	2791.5	1534.8
3	0.38	11.8	0.39	1106.92	65.97	32.99	0.12	18.9	0.0	1010.2	589.3
4	0.67	13.0	0.68	3454.51	205.89	102.94	0.12	18.9	0.0	3229.3	1403.1
5	0.67	14.6	0.69	6931.38	413.11	206.56	0.12	18.9	0.0	6595.4	2250.4
6	0.67	16.2	0.69	6699.24	399.27	199.64	0.12	18.9	0.0	6358.8	2213.1
7	0.67	17.8	0.7	6441.96	383.94	191.97	0.12	18.9	0.0	6101.6	2172.6
8	0.67	19.3	0.71	6158.88	367.07	183.53	0.12	18.9	0.0	5822.6	2127.8
9	0.67	21.0	0.71	5849.24	348.61	174.31	0.12	18.9	0.0	5520.0	2079.5
10	0.67	22.6	0.72	4712.28	280.85	140.43	0.12	18.9	0.0	4404.4	1820.9

xc = 47.68 yc = 443.107 Rc = 26.587 Fs=2.204

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	1.63	-8.2	1.64	403.83	24.07	12.03	0.12	18.9	0.0	584.7	1230.8
2	1.63	-4.7	1.63	974.67	58.09	29.05	0.12	18.9	0.0	1085.5	1308.3
3	2.22	-0.6	2.22	3893.24	232.04	116.02	0.12	18.9	0.0	3915.5	2230.2
4	1.58	3.5	1.58	7862.09	468.58	234.29	0.12	18.9	0.0	7721.9	2514.6
5	1.08	6.4	1.08	7060.84	420.83	210.41	0.12	18.9	0.0	6878.6	2027.9
6	1.63	9.4	1.65	20216.28	1204.89	602.45	0.12	18.9	0.0	19699.7	4853.7
7	1.63	12.9	1.67	19226.63	1145.91	572.95	0.12	18.9	0.0	18668.3	4730.4
8	1.63	16.6	1.71	7904.39	1067.1	533.55	0.12	18.9	0.0	17374.5	4577.8
9	1.63	20.3	1.73	16232.51	967.46	483.73	0.12	18.9	0.0	15783.7	4387.1
10	1.63	24.1	1.78	13387.53	797.9	398.95	0.12	18.9	0.0	13037.9	3980.8

xc = 50.233 yc = 442.363 Rc = 24.595 Fs=2.676

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	1.0	-2.9	1.0	2634.12	156.99	78.5	0.12	18.9	0.0	2686.9	971.6
2	0.61	-1.0	0.61	1651.35	98.42	49.21	0.12	18.9	0.0	1662.1	594.3
3	1.39	1.3	1.39	8226.45	490.3	245.15	0.12	18.9	0.0	8181.0	2033.0
4	1.0	4.1	1.01	10623.97	633.19	316.59	0.12	18.9	0.0	10494.9	2177.1
5	1.0	6.5	1.01	10447.08	622.65	311.32	0.12	18.9	0.0	10271.2	2153.0
6	1.0	8.8	1.01	10191.19	607.4	303.7	0.12	18.9	0.0	9987.4	2123.8
7	1.0	11.2	1.02	9854.85	587.35	293.67	0.12	18.9	0.0	9640.3	2089.3
8	1.0	13.6	1.03	9436.29	562.4	281.2	0.12	18.9	0.0	9226.8	2048.5

9	1.0	16.0	1.04	8933.16	532.42	266.21	0.12	18.9	0.0	8741.8	2000.4
10	1.0	18.5	1.06	7542.74	449.55	224.77	0.12	18.9	0.0	7377.4	1814.2

xc = 52.787 yc = 443.107 Rc = 26.367 Fs=3.547

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm ²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	1.63	-7.6	1.64	6849.57	408.23	204.12	0.12	18.9	0.0	7113.4	1527.0
2	1.46	-4.2	1.46	11590.1	690.77	345.39	0.12	18.9	0.0	11768.6	1984.0
3	1.54	-1.0	1.54	19554.42	1165.44	582.72	0.12	18.9	0.0	19606.6	2921.8
4	1.54	2.4	1.54	19502.44	1162.35	581.17	0.12	18.9	0.0	19398.6	2900.3
5	1.54	5.8	1.55	19181.29	1143.21	571.6	0.12	18.9	0.0	18990.9	2867.6
6	1.54	9.1	1.56	18587.18	1107.8	553.9	0.12	18.9	0.0	18377.8	2823.0
7	1.54	12.6	1.58	17720.4	1056.14	528.07	0.12	18.9	0.0	17553.5	2765.2
8	1.54	16.0	1.61	16569.84	987.56	493.78	0.12	18.9	0.0	16496.3	2691.0
9	1.54	19.5	1.64	3731.89	222.42	111.21	0.12	18.9	0.0	3569.4	1167.9
10	1.54	23.1	1.68	1009.06	60.14	30.07	0.12	18.9	0.0	759.0	860.9

xc = 22.148 yc = 444.596 Rc = 33.616 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm ²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.82	-7.3	0.82	2346.38	139.84	69.92	0.12	18.9	0.0	2145.2	-1739.1
2	2.53	-4.4	2.54	8589.12	511.91	255.96	0.12	18.9	0.0	8163.9	-5854.5
3	0.81	-1.6	0.81	6787.01	404.51	202.25	0.12	18.9	0.0	6701.7	-3237.6
4	1.39	0.3	1.39	18600.5	1108.59	554.29	0.12	18.9	0.0	18642.1	-7960.3
5	1.39	2.7	1.39	18526.31	1104.17	552.08	0.12	18.9	0.0	18922.9	-8065.3
6	1.39	5.0	1.39	18301.58	1090.77	545.39	0.12	18.9	0.0	19087.7	-8148.2
7	1.39	7.4	1.41	7924.94	1068.33	534.16	0.12	18.9	0.0	19133.7	-8208.3
8	1.39	9.8	1.41	7394.42	1036.71	518.35	0.12	18.9	0.0	19055.0	-8244.4
9	1.39	12.2	1.42	16707.06	995.74	497.87	0.12	18.9	0.0	18836.6	-8250.9
10	1.39	14.6	1.43	14748.94	879.04	439.52	0.12	18.9	0.0	17208.9	-7786.5

xc = 24.702 yc = 443.852 Rc = 33.473 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm ²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.49	-13.0	0.5	52.94	3.16	1.58	0.12	18.9	0.0	-105.6	-711.4
2	0.89	-11.8	0.91	2639.87	157.34	78.67	0.12	18.9	0.0	2227.8	-2291.5
3	4.29	-7.3	4.33	29822.67	1777.43	888.72	0.12	18.9	0.0	27802.8	-17773.2
4	1.89	-2.0	1.89	27519.9	1640.19	820.09	0.12	18.9	0.0	27055.9	-13762.8
5	1.89	1.2	1.89	27610.3	1645.57	822.79	0.12	18.9	0.0	27923.3	-14108.7
6	1.89	4.5	1.92	7310.51	1627.71	813.85	0.12	18.9	0.0	28521.4	-14400.1
7	1.89	7.7	1.91	26616.17	1586.32	793.16	0.12	18.9	0.0	28833.6	-14633.1
8	1.89	11.0	1.93	25525.29	1521.31	760.65	0.12	18.9	0.0	28837.2	-14801.1
9	1.89	14.3	1.95	24034.37	1432.45	716.22	0.12	18.9	0.0	28499.3	-14892.4
10	1.89	17.7	1.99	17765.29	1058.81	529.41	0.12	18.9	0.0	22499.6	-12642.3

xc = 29.808 yc = 443.852 Rc = 31.412 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.57	16.0	0.59	538.41	32.09	16.04	0.12	18.9	0.0	1266.7	-2555.8
2	0.99	17.5	1.03	5815.86	346.62	173.31	0.12	18.9	0.0	9012.9	-9674.7
3	0.78	19.2	0.83	4059.3	241.93	120.97	0.12	18.9	0.0	6759.3	-7472.8
4	0.78	20.7	0.83	3620.06	215.76	107.88	0.12	18.9	0.0	6463.5	-7326.0
5	0.78	22.3	0.84	3167.64	188.79	94.4	0.12	18.9	0.0	6141.9	-7177.3
6	0.78	23.8	0.85	2679.34	159.69	79.84	0.12	18.9	0.0	5740.9	-6969.9
7	0.78	25.4	0.86	2153.88	128.37	64.19	0.12	18.9	0.0	5253.5	-6698.5
8	0.78	26.9	0.87	1589.83	94.75	47.38	0.12	18.9	0.0	4654.5	-6337.4
9	0.78	28.6	0.89	985.6	58.74	29.37	0.12	18.9	0.0	3929.5	-5873.7
10	0.78	30.2	0.9	339.41	20.23	10.11	0.12	18.9	0.0	3037.7	-5263.9

xc = 32.361 yc = 444.596 Rc = 30.122 Fs=5.777

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.78	13.5	0.8	3317.04	197.7	98.85	0.12	18.9	0.0	3305.4	453.2
2	0.28	14.4	0.29	795.55	47.41	23.71	0.12	18.9	0.0	787.9	135.0
3	0.53	15.3	0.55	1389.38	82.81	41.4	0.12	18.9	0.0	1375.0	247.6
4	0.53	16.3	0.55	1239.46	73.87	36.94	0.12	18.9	0.0	1224.5	238.5
5	0.53	17.4	0.55	1078.96	64.31	32.15	0.12	18.9	0.0	1062.3	228.5
6	0.53	18.4	0.56	907.83	54.11	27.05	0.12	18.9	0.0	888.1	217.7
7	0.53	19.5	0.56	725.81	43.26	21.63	0.12	18.9	0.0	701.2	206.0
8	0.53	20.6	0.56	532.67	31.75	15.87	0.12	18.9	0.0	501.1	193.3
9	0.53	21.6	0.57	328.25	19.56	9.78	0.12	18.9	0.0	287.0	179.4
10	0.53	22.7	0.57	112.23	6.69	3.34	0.12	18.9	0.0	58.2	164.3

xc = 34.914 yc = 443.852 Rc = 29.837 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.25	7.2	0.25	113.96	6.79	3.4	0.12	18.9	0.0	229.0	-915.0
2	0.99	8.4	1.0	4999.64	297.98	148.99	0.12	18.9	0.0	6210.5	-7918.6
3	1.54	10.8	1.57	6947.89	414.09	207.05	0.12	18.9	0.0	9372.5	-12220.5
4	0.92	13.3	0.95	3713.72	221.34	110.67	0.12	18.9	0.0	5495.2	-7323.1
5	0.92	15.1	0.96	3303.7	196.9	98.45	0.12	18.9	0.0	5311.8	-7254.3
6	0.92	16.9	0.97	2837.73	169.13	84.56	0.12	18.9	0.0	5041.9	-7123.1
7	0.92	18.8	0.98	2314.28	137.93	68.97	0.12	18.9	0.0	4678.0	-6923.1
8	0.92	20.7	0.99	1731.55	103.2	51.6	0.12	18.9	0.0	4193.0	-6627.0
9	0.92	22.6	1.0	1087.27	64.8	32.4	0.12	18.9	0.0	3565.5	-6213.4
10	0.92	24.5	1.02	379.03	22.59	11.3	0.12	18.9	0.0	2762.3	-5648.1

xc = 37.467 yc = 444.596 Rc = 29.598 Fs=6.836

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.86	3.6	0.86	3686.17	219.7	109.85	0.12	18.9	0.0	3667.7	408.2
2	0.96	5.4	0.96	3269.42	194.86	97.43	0.12	18.9	0.0	3245.8	406.5
3	0.91	7.2	0.91	2918.53	173.94	86.97	0.12	18.9	0.0	2894.6	376.1
4	0.91	9.0	0.92	2696.98	160.74	80.37	0.12	18.9	0.0	2673.4	365.1
5	0.91	10.7	0.92	2425.72	144.57	72.29	0.12	18.9	0.0	2403.5	351.7
6	0.91	12.5	0.93	2103.95	125.4	62.7	0.12	18.9	0.0	2082.5	335.5
7	0.91	14.3	0.94	1730.76	103.15	51.58	0.12	18.9	0.0	1708.1	316.3
8	0.91	16.2	0.94	1304.85	77.77	38.88	0.12	18.9	0.0	1276.7	293.9
9	0.91	18.0	0.95	824.86	49.16	24.58	0.12	18.9	0.0	784.6	267.8
10	0.91	19.9	0.96	289.18	17.24	8.62	0.12	18.9	0.0	226.8	237.6

xc = 40.021 yc = 443.852 Rc = 28.306 Fs=2.253

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.62	-1.2	0.62	2997.92	178.68	89.34	0.12	18.9	0.0	3018.3	959.2
2	2.34	1.8	2.34	6069.87	361.76	180.88	0.12	18.9	0.0	5988.0	2641.5
3	1.48	5.7	1.49	3481.06	207.47	103.74	0.12	18.9	0.0	3339.2	1599.4
4	1.48	8.7	1.5	2953.82	176.05	88.02	0.12	18.9	0.0	2759.2	1509.6
5	1.48	11.8	1.51	2201.34	131.2	65.6	0.12	18.9	0.0	1965.7	1386.0
6	1.99	15.4	2.06	3563.14	212.36	106.18	0.12	18.9	0.0	3161.5	2011.9
7	1.58	19.2	1.67	6221.84	370.82	185.41	0.12	18.9	0.0	5832.6	2297.8
8	0.87	21.8	0.94	2931.17	174.7	87.35	0.12	18.9	0.0	2711.8	1198.8
9	1.48	24.4	1.63	15010.15	894.6	447.3	0.12	18.9	0.0	14773.4	4141.3
10	1.48	27.8	1.67	12174.76	725.62	362.81	0.12	18.9	0.0	12021.9	3728.4

xc = 42.574 yc = 444.596 Rc = 34.222 Fs=20.915

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	3.41	-16.1	3.55	40362.47	2405.6	1202.8	0.12	18.9	0.0	42329.1	1129.9
2	2.79	-10.8	2.84	14242.61	848.86	424.43	0.12	18.9	0.0	14591.1	497.7
3	1.19	-7.4	1.2	6542.24	389.92	194.96	0.12	18.9	0.0	6625.1	217.7
4	0.99	-5.6	0.99	12182.95	726.1	363.05	0.12	18.9	0.0	12270.7	313.3
5	8.77	2.7	8.78	111989.0	6674.55	3337.27	0.12	18.9	0.0	111978.1	2830.3
6	3.33	12.9	3.42	58259.09	3472.24	1736.12	0.12	18.9	0.0	59440.8	1448.7
7	3.41	18.8	3.61	73317.32	4369.71	2184.86	0.12	18.9	0.0	76832.6	1867.1
8	3.41	24.9	3.77	64334.3	3834.32	1917.16	0.12	18.9	0.0	70184.7	1818.0
9	3.41	31.4	4.04	3101.42	2568.85	1284.42	0.12	18.9	0.0	49749.3	1480.7
10	3.41	38.4	4.36	9409.47	560.8	280.4	0.12	18.9	0.0	11587.5	686.9

xc = 45.127 yc = 443.852 Rc = 29.037 Fs=1.95

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.67	-11.3	0.68	3210.19	191.33	95.66	0.12	18.9	0.0	3527.7	1288.8
2	3.61	-7.1	3.64	12958.67	772.34	386.17	0.12	18.9	0.0	13761.4	5721.1
3	2.14	-1.4	2.14	8549.05	509.52	254.76	0.12	18.9	0.0	8633.6	3454.2
4	3.02	3.7	3.03	14038.87	836.72	418.36	0.12	18.9	0.0	13728.5	5218.4
5	1.58	8.3	1.61	2288.75	732.41	366.2	0.12	18.9	0.0	11875.2	3763.7
6	1.81	11.7	1.85	20880.81	1244.5	622.25	0.12	18.9	0.0	20150.9	5783.2
7	2.14	15.7	2.22	30588.8	1823.09	911.55	0.12	18.9	0.0	29545.8	8237.1
8	2.14	20.2	2.28	27741.07	1653.37	826.68	0.12	18.9	0.0	26835.3	7883.2
9	2.14	24.7	2.36	24130.48	1438.18	719.09	0.12	18.9	0.0	23460.9	7428.2
10	2.14	29.5	2.46	18888.16	1125.74	562.87	0.12	18.9	0.0	18439.5	6622.5

xc = 47.68 yc = 444.596 Rc = 27.401 Fs=2.035

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.95	2.4	0.95	3530.48	210.42	105.21	0.12	18.9	0.0	3476.1	1398.7
2	0.68	4.4	0.68	2465.87	146.97	73.48	0.12	18.9	0.0	2398.0	982.8
3	1.22	6.4	1.23	7356.87	438.47	219.23	0.12	18.9	0.0	7140.6	2358.6
4	0.95	8.7	0.96	10655.34	635.06	317.53	0.12	18.9	0.0	10352.2	2827.8
5	0.95	10.7	0.97	10363.56	617.67	308.83	0.12	18.9	0.0	10030.6	2782.8
6	0.95	12.7	0.97	10009.26	596.55	298.28	0.12	18.9	0.0	9659.6	2731.9
7	0.95	14.8	0.98	9591.08	571.63	285.81	0.12	18.9	0.0	9237.2	2673.8
8	0.95	16.8	0.99	9107.3	542.79	271.4	0.12	18.9	0.0	8759.7	2608.2
9	0.95	18.9	1.0	8555.83	509.93	254.96	0.12	18.9	0.0	8223.0	2533.1
10	0.95	21.0	1.02	7134.32	425.21	212.6	0.12	18.9	0.0	6826.6	2275.1

xc = 50.233 yc = 443.852 Rc = 28.519 Fs=2.853

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	2.37	-16.7	2.48	1736.62	103.5	51.75	0.12	18.9	0.0	2302.2	1695.9
2	2.37	-11.8	2.43	4458.73	265.74	132.87	0.12	18.9	0.0	4969.8	2023.4
3	2.95	-6.4	2.96	10129.16	603.7	301.85	0.12	18.9	0.0	10536.3	3082.4
4	1.8	-1.6	1.81	3243.33	789.3	394.65	0.12	18.9	0.0	13329.1	2862.9
5	2.37	2.6	2.38	31490.71	1876.85	938.42	0.12	18.9	0.0	31263.2	5751.3
6	2.37	7.4	2.39	35484.82	2114.9	1057.45	0.12	18.9	0.0	34966.4	6341.1
7	2.37	12.2	2.43	3619.05	2003.7	1001.85	0.12	18.9	0.0	33091.4	6176.7
8	2.37	17.2	2.49	30779.89	1834.48	917.24	0.12	18.9	0.0	30458.7	5951.0
9	2.37	22.2	2.57	16858.85	1004.79	502.39	0.12	18.9	0.0	16684.2	4043.0
10	2.37	27.5	2.68	2947.14	175.65	87.82	0.12	18.9	0.0	2415.0	1965.4

xc = 55.34 yc = 443.852 Rc = 25.631 Fs=7.919

Nr.	B	Alfa	Li	Wi	Kh•Wi	Kv•Wi	c	Fi	Ui	N'i	Ti
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	m	(°)	m	(Kg)	(Kg)	(Kg)	(kg/cm²)	(°)	(Kg)	(Kg)	(Kg)
1	1.58	-13.0	1.62	758.89	45.23	22.61	0.12	18.9	0.0	859.4	358.8
2	1.19	-10.4	1.21	4049.4	241.34	120.67	0.12	18.9	0.0	4199.1	452.2
3	1.38	-7.5	1.41	3085.21	779.88	389.94	0.12	18.9	0.0	13324.6	962.8
4	1.38	-4.4	1.39	13464.53	802.49	401.24	0.12	18.9	0.0	13578.5	969.1
5	1.38	-1.3	1.38	13645.53	813.27	406.64	0.12	18.9	0.0	13671.1	970.6
6	1.38	1.8	1.39	13629.62	812.33	406.16	0.12	18.9	0.0	13606.0	967.5
7	1.38	4.9	1.39	13416.82	799.64	399.82	0.12	18.9	0.0	13384.1	959.9
8	1.38	8.0	1.4	13005.1	775.1	387.55	0.12	18.9	0.0	13001.3	947.3
9	1.38	11.2	1.41	12073.47	719.58	359.79	0.12	18.9	0.0	12129.6	912.5
10	1.38	14.3	1.43	492.16	29.33	14.67	0.12	18.9	0.0	433.7	300.2

xc = 29.808 yc = 445.34 Rc = 32.596 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.42	15.6	0.44	297.12	17.71	8.85	0.12	18.9	0.0	846.7	-2004.8
2	0.99	16.9	1.03	5349.95	318.86	159.43	0.12	18.9	0.0	8564.5	-10245.7
3	0.82	18.5	0.87	3890.08	231.85	115.92	0.12	18.9	0.0	6746.1	-8315.8
4	0.74	20.0	0.79	3126.33	186.33	93.16	0.12	18.9	0.0	5853.8	-7394.8
5	0.74	21.4	0.8	2730.9	162.76	81.38	0.12	18.9	0.0	5576.0	-7248.1
6	0.74	22.8	0.81	2305.86	137.43	68.71	0.12	18.9	0.0	5233.4	-7049.8
7	0.74	24.2	0.81	1850.39	110.28	55.14	0.12	18.9	0.0	4811.5	-6784.2
8	0.74	25.7	0.82	1363.45	81.26	40.63	0.12	18.9	0.0	4304.3	-6446.2
9	0.74	27.1	0.83	843.94	50.3	25.15	0.12	18.9	0.0	3688.9	-6010.9
10	0.74	28.6	0.85	290.54	17.32	8.66	0.12	18.9	0.0	2944.1	-5455.4

xc = 32.361 yc = 446.084 Rc = 31.154 Fs=11.969

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.56	13.2	0.57	2774.42	165.36	82.68	0.12	18.9	0.0	2810.4	172.5
2	0.27	13.9	0.28	543.99	32.42	16.21	0.12	18.9	0.0	547.3	54.7
3	0.41	14.7	0.43	771.91	46.01	23.0	0.12	18.9	0.0	777.0	82.5
4	0.41	15.4	0.43	684.93	40.82	20.41	0.12	18.9	0.0	689.3	79.8
5	0.41	16.2	0.43	593.16	35.35	17.68	0.12	18.9	0.0	596.2	77.0
6	0.41	17.0	0.43	496.55	29.59	14.8	0.12	18.9	0.0	497.6	74.0
7	0.41	17.8	0.43	395.01	23.54	11.77	0.12	18.9	0.0	393.2	70.8
8	0.41	18.6	0.44	288.49	17.19	8.6	0.12	18.9	0.0	282.9	67.4
9	0.41	19.4	0.44	176.92	10.54	5.27	0.12	18.9	0.0	166.4	63.8
10	0.41	20.2	0.44	60.23	3.59	1.79	0.12	18.9	0.0	43.5	59.9

xc = 34.914 yc = 445.34 Rc = 30.889 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
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1	1.01	8.1	1.02	4204.5	250.59	125.29	0.12	18.9	0.0	5509.7	-8992.3
2	0.64	9.6	0.65	2490.75	148.45	74.22	0.12	18.9	0.0	3483.6	-5728.3
3	0.83	11.0	0.84	2996.59	178.6	89.3	0.12	18.9	0.0	4465.6	-7401.9
4	0.83	12.6	0.85	2724.59	162.39	81.19	0.12	18.9	0.0	4405.6	-7403.0
5	0.83	14.2	0.85	2414.98	143.93	71.97	0.12	18.9	0.0	4290.2	-7356.3
6	0.83	15.8	0.86	2067.08	123.2	61.6	0.12	18.9	0.0	4119.2	-7262.5
7	0.83	17.4	0.87	1680.02	100.13	50.06	0.12	18.9	0.0	3880.7	-7108.0
8	0.83	19.0	0.88	1252.76	74.66	37.33	0.12	18.9	0.0	3561.2	-6877.5
9	0.83	20.6	0.89	784.19	46.74	23.37	0.12	18.9	0.0	3144.6	-6552.0
10	0.83	22.3	0.9	273.01	16.27	8.14	0.12	18.9	0.0	2610.3	-6107.3

xc = 37.467 yc = 446.084 Rc = 30.649 Fs=11.738

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.65	3.7	0.66	3062.32	182.51	91.26	0.12	18.9	0.0	3056.4	190.6
2	0.91	5.1	0.91	2354.16	140.31	70.15	0.12	18.9	0.0	2345.9	198.4
3	0.78	6.7	0.79	1896.75	113.05	56.52	0.12	18.9	0.0	1890.3	167.0
4	0.78	8.2	0.79	1745.31	104.02	52.01	0.12	18.9	0.0	1740.2	162.6
5	0.78	9.7	0.79	1563.53	93.19	46.59	0.12	18.9	0.0	1559.6	157.2
6	0.78	11.2	0.8	1350.95	80.52	40.26	0.12	18.9	0.0	1347.8	150.9
7	0.78	12.6	0.8	1107.17	65.99	32.99	0.12	18.9	0.0	1103.3	143.5
8	0.78	14.2	0.81	831.64	49.57	24.78	0.12	18.9	0.0	824.7	135.0
9	0.78	15.6	0.81	523.83	31.22	15.61	0.12	18.9	0.0	510.2	125.2
10	0.78	17.2	0.82	183.01	10.91	5.45	0.12	18.9	0.0	157.8	114.2

xc = 40.021 yc = 445.34 Rc = 32.253 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.78	-2.9	0.78	1207.75	71.98	35.99	0.12	18.9	0.0	1208.8	-10.2
2	0.99	-1.4	0.99	7315.49	436.0	218.0	0.12	18.9	0.0	7316.9	-27.7
3	4.52	3.6	4.52	32537.2	1939.22	969.61	0.12	18.9	0.0	32607.7	-124.8
4	2.09	9.5	2.12	13627.97	812.23	406.11	0.12	18.9	0.0	13825.0	-55.4
5	2.16	13.3	2.22	14540.25	866.6	433.3	0.12	18.9	0.0	14956.1	-60.1
6	2.02	17.2	2.11	18042.25	1075.32	537.66	0.12	18.9	0.0	18905.5	-70.7
7	2.09	21.0	2.24	29408.24	1752.73	876.37	0.12	18.9	0.0	31549.5	-108.1
8	2.09	25.1	2.31	29017.31	1729.43	864.72	0.12	18.9	0.0	32088.9	-113.6
9	2.09	29.3	2.42	4703.65	1472.34	736.17	0.12	18.9	0.0	28374.1	-108.1
10	2.09	33.6	2.51	18823.93	1121.91	560.95	0.12	18.9	0.0	22664.4	-97.0

xc = 42.574 yc = 446.084 Rc = 29.055 Fs=1.735

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.51	11.9	0.52	1441.57	85.92	42.96	0.12	18.9	0.0	1313.2	775.5
2	0.51	13.3	0.53	1338.23	79.76	39.88	0.12	18.9	0.0	1201.2	755.0

3	0.59	14.4	0.61	1411.85	84.15	42.07	0.12	18.9	0.0	1246.7	847.2
4	0.43	15.5	0.44	913.54	54.45	27.22	0.12	18.9	0.0	790.6	589.9
5	0.51	16.4	0.53	1766.75	105.3	52.65	0.12	18.9	0.0	1595.7	870.4
6	0.51	17.5	0.54	4895.47	291.77	145.89	0.12	18.9	0.0	4641.4	1634.9
7	0.51	18.6	0.54	4734.19	282.16	141.08	0.12	18.9	0.0	4482.1	1608.1
8	0.51	19.6	0.54	4562.79	271.94	135.97	0.12	18.9	0.0	4313.8	1579.1
9	0.51	20.7	0.55	4380.85	261.1	130.55	0.12	18.9	0.0	4135.8	1548.2
10	0.51	21.8	0.55	3388.36	201.95	100.97	0.12	18.9	0.0	3161.0	1314.7

xc = 45.127 yc = 445.34 Rc = 29.821 Fs=2.185

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.38	-10.7	0.39	2521.95	150.31	75.15	0.12	18.9	0.0	2714.2	790.2
2	3.64	-6.8	3.67	8252.95	491.88	245.94	0.12	18.9	0.0	8811.0	4183.8
3	2.01	-1.4	2.01	5336.42	318.05	159.03	0.12	18.9	0.0	5396.1	2386.1
4	2.01	2.5	2.01	5268.52	314.0	157.0	0.12	18.9	0.0	5172.0	2346.2
5	1.11	5.5	1.12	4880.12	290.86	145.43	0.12	18.9	0.0	4744.2	1659.9
6	1.58	8.1	1.6	10163.4	605.74	302.87	0.12	18.9	0.0	9847.5	2970.8
7	3.34	12.9	3.4338693	0.01	2306.1	1153.05	0.12	18.9	0.0	37541.0	9647.3
8	2.01	18.3	2.1224444	3.31	1456.88	728.44	0.12	18.9	0.0	23786.8	6234.1
9	2.01	22.4	2.1821603	9.7	1287.6	643.8	0.12	18.9	0.0	21116.4	5900.6
10	2.01	26.6	2.25	17307.3	1031.52	515.76	0.12	18.9	0.0	16989.3	5291.9

xc = 47.68 yc = 446.084 Rc = 28.242 Fs=2.396

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.78	2.4	0.79	1957.35	116.66	58.33	0.12	18.9	0.0	1924.1	818.8
2	0.83	4.1	0.83	2011.2	119.87	59.93	0.12	18.9	0.0	1955.5	852.0
3	0.74	5.7	0.75	1726.6	102.91	51.45	0.12	18.9	0.0	1660.4	752.7
4	0.78	7.3	0.79	7209.61	429.69	214.85	0.12	18.9	0.0	7051.1	1715.8
5	0.78	8.9	0.79	7805.2	465.19	232.6	0.12	18.9	0.0	7618.6	1823.3
6	0.78	10.5	0.8	7606.03	453.32	226.66	0.12	18.9	0.0	7408.1	1797.7
7	0.78	12.1	0.8	7372.64	439.41	219.7	0.12	18.9	0.0	7169.3	1768.9
8	0.78	13.7	0.81	7104.6	423.43	211.72	0.12	18.9	0.0	6901.5	1736.4
9	0.78	15.4	0.81	6801.09	405.34	202.67	0.12	18.9	0.0	6602.8	1700.3
10	0.78	17.0	0.82	5661.38	337.42	168.71	0.12	18.9	0.0	5476.9	1516.7

xc = 50.233 yc = 445.34 Rc = 26.339 Fs=5.796

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.5	-4.4	0.5	130.94	7.8	3.9	0.12	18.9	0.0	141.9	138.5
2	0.5	-2.1	0.5	161.22	9.61	4.8	0.12	18.9	0.0	166.4	139.6
3	0.59	-0.9	0.59	218.04	13.0	6.5	0.12	18.9	0.0	220.8	166.8
4	0.41	0.2	0.41	156.96	9.35	4.68	0.12	18.9	0.0	156.5	115.3

5	0.5	1.1	0.5	704.99	42.02	21.01	0.12	18.9	0.0	701.6	177.5
6	0.5	2.3	0.5	4152.6	247.49	123.75	0.12	18.9	0.0	4139.2	421.9
7	0.5	3.3	0.5	4129.78	246.13	123.07	0.12	18.9	0.0	4112.4	420.5
8	0.5	4.4	0.5	4098.06	244.24	122.12	0.12	18.9	0.0	4078.0	418.7
9	0.5	5.5	0.5	4057.38	241.82	120.91	0.12	18.9	0.0	4036.2	416.6
10	0.5	6.6	0.5	3207.69	191.18	95.59	0.12	18.9	0.0	3188.0	357.1

xc = 24.702 yc = 446.829 Rc = 36.146 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.5	-10.6	0.51	2237.99	133.38	66.69	0.12	18.9	0.0	1961.3	-1713.6
2	0.02	-10.3	0.02	54.63	3.26	1.63	0.12	18.9	0.0	45.1	-58.1
3	2.51	-8.2	2.53	8633.75	514.57	257.29	0.12	18.9	0.0	7654.7	-7521.9
4	3.98	-3.0	3.99	51350.8	3060.51	1530.25	0.12	18.9	0.0	49932.8	-28529.3
5	1.75	1.6	1.75	24554.29	1463.44	731.72	0.12	18.9	0.0	24941.0	-13856.7
6	1.75	4.3	1.76	24285.9	1447.44	723.72	0.12	18.9	0.0	25424.6	-14113.3
7	1.75	7.1	1.77	23731.85	1414.42	707.21	0.12	18.9	0.0	25697.2	-14318.4
8	1.75	9.9	1.78	22887.98	1364.12	682.06	0.12	18.9	0.0	25736.2	-14463.0
9	1.75	12.8	1.82	1747.79	1296.17	648.08	0.12	18.9	0.0	25519.2	-14538.6
10	1.75	15.7	1.82	19192.26	1143.86	571.93	0.12	18.9	0.0	23689.6	-13921.2

xc = 29.808 yc = 446.829 Rc = 33.78 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.27	15.1	0.28	125.96	7.51	3.75	0.12	18.9	0.0	494.1	-1391.1
2	0.99	16.3	1.03	4876.27	290.63	145.31	0.12	18.9	0.0	8146.0	-10949.0
3	0.85	17.9	0.89	3613.39	215.36	107.68	0.12	18.9	0.0	6608.1	-9153.9
4	0.7	19.3	0.74	2645.16	157.65	78.83	0.12	18.9	0.0	5267.6	-7470.7
5	0.7	20.5	0.75	2306.25	137.45	68.73	0.12	18.9	0.0	5033.5	-7329.4
6	0.7	21.8	0.76	1943.68	115.84	57.92	0.12	18.9	0.0	4747.1	-7141.9
7	0.7	23.1	0.76	1556.71	92.78	46.39	0.12	18.9	0.0	4402.0	-6901.7
8	0.7	24.4	0.77	1144.79	68.23	34.11	0.12	18.9	0.0	3975.2	-6581.1
9	0.7	25.7	0.78	707.08	42.14	21.07	0.12	18.9	0.0	3470.2	-6186.1
10	0.7	27.1	0.79	242.71	14.47	7.23	0.12	18.9	0.0	2858.9	-5683.0

xc = 34.914 yc = 446.829 Rc = 31.941 Fs=6.62

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.81	8.0	0.81	3468.03	206.69	103.35	0.12	18.9	0.0	3446.3	400.8
2	0.63	9.3	0.64	1941.2	115.7	57.85	0.12	18.9	0.0	1923.9	266.8
3	0.72	10.5	0.73	2047.8	122.05	61.02	0.12	18.9	0.0	2028.9	295.3
4	0.72	11.8	0.73	1853.89	110.49	55.25	0.12	18.9	0.0	1835.7	285.1
5	0.72	13.2	0.74	1636.44	97.53	48.77	0.12	18.9	0.0	1618.3	273.5
6	0.72	14.5	0.74	1395.05	83.14	41.57	0.12	18.9	0.0	1375.7	260.5

7	0.72	15.8	0.75	1129.34	67.31	33.65	0.12	18.9	0.0	1106.8	245.9
8	0.72	17.2	0.75	838.85	50.0	25.0	0.12	18.9	0.0	810.2	229.5
9	0.72	18.5	0.76	523.05	31.17	15.59	0.12	18.9	0.0	484.5	211.3
10	0.72	19.9	0.76	181.3	10.81	5.4	0.12	18.9	0.0	127.8	191.1

xc = 40.021 yc = 446.829 Rc = 30.41 Fs=20.00

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.23	-0.7	0.23	2296.64	136.88	68.44	0.12	18.9	0.0	2295.6	-97.4
2	0.98	0.4	0.98	936.82	55.83	27.92	0.12	18.9	0.0	937.9	-139.5
3	0.6	1.9	0.6	559.19	33.33	16.66	0.12	18.9	0.0	562.3	-85.6
4	0.6	3.0	0.6	529.47	31.56	15.78	0.12	18.9	0.0	534.7	-84.9
5	0.6	4.2	0.6	486.12	28.97	14.49	0.12	18.9	0.0	493.5	-83.8
6	0.6	5.3	0.6	429.04	25.57	12.79	0.12	18.9	0.0	438.5	-82.3
7	0.6	6.4	0.61	358.19	21.35	10.67	0.12	18.9	0.0	369.5	-80.4
8	0.6	7.6	0.61	273.51	16.3	8.15	0.12	18.9	0.0	286.3	-78.2
9	0.6	8.7	0.61	174.86	10.42	5.21	0.12	18.9	0.0	188.4	-75.5
10	0.6	9.9	0.61	62.13	3.7	1.85	0.12	18.9	0.0	75.5	-72.4

xc = 45.127 yc = 446.829 Rc = 30.633 Fs=2.259

Nr.	B m	Alfa (°)	Li m	Wi (Kg)	Kh•Wi (Kg)	Kv•Wi (Kg)	c (kg/cm²)	Fi (°)	Ui (Kg)	N'i (Kg)	Ti (Kg)
1	0.11	-10.2	0.11	25.91	1.54	0.77	0.12	18.9	0.0	40.6	80.1
2	3.64	-6.7	3.66	3610.88	215.21	107.6	0.12	18.9	0.0	4002.6	3160.8
3	1.87	-1.5	1.87	2555.35	152.3	76.15	0.12	18.9	0.0	2600.7	1706.9
4	1.87	2.0	1.87	2525.32	150.51	75.25	0.12	18.9	0.0	2467.7	1683.5
5	1.39	5.1	1.4	3800.14	226.49	113.24	0.12	18.9	0.0	3674.1	1596.2
6	1.58	7.9	1.6	8121.19	484.02	242.01	0.12	18.9	0.0	7855.3	2505.4
7	2.64	11.9	2.72	6211.29	1562.19	781.1	0.12	18.9	0.0	25436.4	6550.5
8	1.87	16.2	1.95	21327.01	1271.09	635.54	0.12	18.9	0.0	20739.1	5271.4
9	1.87	19.9	1.99	19157.67	1141.8	570.9	0.12	18.9	0.0	18669.5	5011.2
10	1.87	23.7	2.04	15698.73	935.64	467.82	0.12	18.9	0.0	15328.3	4518.9

