

Solução do Problema greenbeb - Solver HiGHS

Análise Computacional

16 de setembro de 2025

1 Informações do Problema

Informações do Problema:

- Nome: greenbeb
- Número de Variáveis: 5405
- Número de Restrições: 2392
- Inviabilidade Primal: 0.000e+00
- Inviabilidade Dual: 8.743e-14
- Valor Primal: -4.302e+06
- Valor Dual: 0.000e+00
- Gap: -0.000e+00
- Número de Iterações: 36

2 Variáveis Primais e Custos Reduzidos

Tabela 1: Variáveis primais e custos reduzidos do problema greenbeb

Coordenada x	Valor x	Coordenada z	Valor z
1	278.000000	1	-0.233637
2	955.000000	2	-0.542069
3	0.000000	3	15.757499
4	1130.000000	4	0.059057
5	400.000000	5	-0.058053
6	603.000000	6	-1.039494
7	650.000000	7	0.026481
8	1800.000000	8	0.083486
9	814.000000	9	-77.130197
10	405.000000	10	-0.141830
11	553.000000	11	-0.145483
12	95.000000	12	-0.068319

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Coordenada x	Valor x	Coordenada z	Valor z
13	501.000000	13	0.117011
14	193.462839	14	0.000000
15	370.000000	15	-0.028820
16	109.000000	16	5.817804
17	477.000000	17	-0.170324
18	0.000000	18	0.000000
19	3427.000000	19	0.072785
20	2472.000000	20	0.057294
21	-0.000000	21	0.000000
22	491.000000	22	-0.556356
23	2100.000000	23	-0.052586
24	1900.000000	24	-0.225273
25	370.000000	25	0.042427
26	944.000000	26	-0.001036
27	1710.000000	27	-0.245708
28	875.000000	28	-0.193394
29	1464.000000	29	-0.412649
30	239.000000	30	-0.192926
31	96.000000	31	-0.068319
32	1142.000000	32	0.282024
33	850.000000	33	0.050900
34	50.000000	34	-0.000816
35	470.000000	35	-0.461281
36	830.000000	36	0.042427
37	980.000000	37	-0.170628
38	1411.000000	38	0.061582
39	14.000000	39	-0.261408
40	10.000000	40	-0.261408
41	198.000000	41	-0.068319
42	243.000000	42	-0.001036
43	673.000000	43	0.027113
44	673.000000	44	-28.654709
45	260.000000	45	-2.225613
46	1386.000000	46	-0.024528
47	1385.000000	47	-0.072756
48	-0.000000	48	0.000000
49	0.000000	49	0.000000
50	2387.530702	50	0.000000
51	3547.514372	51	0.000000
52	0.000000	52	-213.373025
53	217.000000	53	-0.224551
54	720.410077	54	0.000000
55	1014.444536	55	0.000000
56	1297.943390	56	-0.088000
57	875.578663	57	0.000000
58	33791.333233	58	0.000000
59	0.000000	59	0.000000
60	736.699269	60	0.000000
61	60.900110	61	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
62	0.000000	62	0.000000
63	-0.000000	63	0.000000
64	0.000000	64	511.760526
65	0.000000	65	37.150838
66	0.000000	66	34.009290
67	0.000000	67	7.679954
68	0.000000	68	1.838956
69	-0.000000	69	0.000000
70	0.000000	70	3.150887
71	0.000000	71	4.297578
72	0.000000	72	0.000000
73	-0.000000	73	0.000000
74	0.000000	74	0.000000
75	0.000000	75	24.648123
76	-0.000000	76	0.000000
77	0.000000	77	43.365839
78	215.999260	78	0.000000
79	0.000000	79	0.000000
80	176.036040	80	0.000000
81	0.000000	81	0.000000
82	0.000000	82	0.356182
83	27.063513	83	0.000000
84	130.863870	84	0.000000
85	362.872036	85	0.000000
86	443.871936	86	0.000000
87	-0.000000	87	0.000000
88	0.000000	88	3.953744
89	0.000000	89	0.699778
90	0.000000	90	13.260788
91	0.000000	91	25.637335
92	0.000000	92	25.544658
93	0.000000	93	25.716831
94	0.000000	94	25.716831
95	0.000000	95	14.170499
96	0.000000	96	14.765310
97	0.000000	97	25.529279
98	0.000000	98	25.529279
99	0.000000	99	11.791254
100	0.000000	100	12.001188
101	0.000000	101	25.993054
102	0.000000	102	25.993054
103	0.000000	103	10.006821
104	0.000000	104	25.127979
105	0.000000	105	13.190810
106	0.000000	106	24.713971
107	0.000000	107	12.141143
108	0.000000	108	13.645665
109	0.000000	109	10.916532
110	0.000000	110	1.399555

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Coordenada x	Valor x	Coordenada z	Valor z
111	0.000000	111	148.979506
112	0.000000	112	29.223428
113	0.000000	113	4.058711
114	0.000000	114	10.846555
115	0.000000	115	10.846555
116	0.000000	116	2.554189
117	0.000000	117	10.846555
118	0.000000	118	10.846555
119	0.000000	119	10.846555
120	0.000000	120	24.826969
121	0.000000	121	2.344255
122	0.000000	122	82.455270
123	0.000000	123	25.809814
124	0.000000	124	37.330536
125	0.000000	125	4.023722
126	-0.000000	126	0.000000
127	0.000000	127	31.481636
128	0.000000	128	13.330765
129	0.000000	129	11.791254
130	0.000000	130	8.922166
131	0.000000	131	7.382655
132	0.000000	132	11.056488
133	0.000000	133	11.091477
134	0.000000	134	9.831877
135	0.000000	135	13.190810
136	0.000000	136	10.601632
137	0.000000	137	9.342032
138	0.000000	138	12.770943
139	0.000000	139	12.700965
140	0.000000	140	11.651299
141	0.000000	141	10.601632
142	0.000000	142	10.006821
143	0.000000	143	8.502299
144	0.000000	144	9.342032
145	0.000000	145	14.695332
146	-0.000000	146	0.000000
147	0.000000	147	26.350174
148	0.000000	148	17.085399
149	0.000000	149	19.118543
150	-0.000000	150	0.000000
151	-0.000000	151	0.000000
152	0.000000	152	12.456051
153	0.000000	153	8.912648
154	0.000000	154	9.274827
155	15.597552	155	0.000000
156	0.000000	156	0.000000
157	-0.000000	157	0.000000
158	-0.000000	158	0.000000
159	0.000000	159	5.060781

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Coordenada x	Valor x	Coordenada z	Valor z
160	0.000000	160	5.060781
161	-0.000000	161	0.000000
162	-0.000000	162	0.000000
163	0.000000	163	40.834805
164	0.000000	164	36.392385
165	0.000000	165	0.276223
166	0.000000	166	0.276223
167	0.000000	167	268.060313
168	-0.000000	168	0.000000
169	0.000000	169	21.703909
170	0.000000	170	17.492839
171	0.000000	171	15.401069
172	0.000000	172	21.958284
173	0.000000	173	28.793743
174	-0.000000	174	0.000000
175	0.000000	175	32.037303
176	0.000000	176	23.839249
177	-0.000000	177	0.000000
178	-0.000000	178	0.000000
179	0.000000	179	32.904875
180	-0.000000	180	0.000000
181	-0.000000	181	0.000000
182	0.000000	182	149.154451
183	0.000000	183	11.651013
184	0.000000	184	18.971685
185	0.000000	185	22.111245
186	0.000000	186	21.873422
187	0.000000	187	22.111245
188	0.000000	188	21.873422
189	0.000000	189	22.111245
190	-0.000000	190	0.000000
191	-0.000000	191	0.000000
192	-0.000000	192	0.000000
193	-0.000000	193	0.000000
194	-0.000000	194	0.000000
195	-0.000000	195	0.000000
196	-0.000000	196	0.000000
197	0.000000	197	21.153136
198	28.376765	198	0.000000
199	0.000000	199	75.317537
200	0.000000	200	11.359405
201	0.000000	201	37.588820
202	0.000000	202	20.951678
203	0.000000	203	143.459001
204	0.000000	204	34.881314
205	-0.000000	205	0.000000
206	0.000000	206	19.474316
207	-0.000000	207	0.000000
208	0.000000	208	21.439826

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Coordenada x	Valor x	Coordenada z	Valor z
209	-0.000000	209	0.000000
210	-0.000000	210	0.000000
211	-0.000000	211	0.000000
212	-0.000000	212	0.000000
213	-0.000000	213	0.000000
214	-0.000000	214	0.000000
215	-0.000000	215	0.000000
216	-0.000000	216	0.000000
217	-0.000000	217	0.000000
218	-0.000000	218	0.000000
219	-0.000000	219	0.000000
220	-0.000000	220	0.000000
221	-0.000000	221	0.000000
222	0.000000	222	162.567793
223	0.000000	223	85.787845
224	0.000000	224	318.551352
225	0.000000	225	189.683745
226	0.000000	226	18.032997
227	0.000000	227	18.218824
228	0.000000	228	18.032997
229	0.000000	229	18.094939
230	0.000000	230	18.032997
231	0.000000	231	17.056815
232	0.000000	232	16.821780
233	9.600615	233	0.000000
234	2.425068	234	0.000000
235	0.000000	235	29.728739
236	0.000000	236	225.294800
237	0.000000	237	280.930769
238	-0.000000	238	0.000000
239	-0.000000	239	0.000000
240	0.000000	240	290.464017
241	0.000000	241	24.890242
242	0.000000	242	17.119791
243	-0.000000	243	0.000000
244	0.000000	244	8.688984
245	0.000000	245	2.849002
246	0.000000	246	4.311347
247	0.000000	247	0.334968
248	18.190074	248	0.000000
249	0.000000	249	0.000000
250	0.000000	250	0.024320
251	0.000000	251	0.024320
252	0.000000	252	15.988264
253	0.000000	253	11.545843
254	0.000000	254	0.276223
255	0.000000	255	0.276223
256	0.000000	256	243.213772
257	0.000000	257	5.385775

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Coordenada x	Valor x	Coordenada z	Valor z
258	0.000000	258	3.088561
259	0.000000	259	0.056651
260	0.000000	260	6.177373
261	0.000000	261	6.599738
262	0.000000	262	8.063749
263	68.505944	263	0.000000
264	0.000000	264	9.905037
265	0.000000	265	124.307910
266	146.087382	266	0.000000
267	0.000000	267	4.130913
268	0.000000	268	6.833980
269	0.000000	269	6.596157
270	0.000000	270	6.833980
271	0.000000	271	6.596157
272	0.000000	272	6.833980
273	6.216600	273	0.000000
274	0.000000	274	57.488465
275	0.000000	275	0.547802
276	0.000000	276	13.413807
277	0.000000	277	0.000000
278	0.000000	278	124.085414
279	0.000000	279	12.553003
280	0.000000	280	0.000000
281	0.000000	281	6.397596
282	0.000000	282	143.261359
283	0.000000	283	68.529572
284	0.000000	284	290.951545
285	0.000000	285	164.467863
286	0.000000	286	4.837469
287	0.000000	287	4.922567
288	0.000000	288	4.837469
289	0.000000	289	4.865835
290	0.000000	290	4.837469
291	0.000000	291	0.000000
292	0.000000	292	0.000000
293	0.000000	293	12.604772
294	0.000000	294	206.659894
295	0.000000	295	262.094405
296	0.000000	296	271.795535
297	0.000000	297	13.138499
298	0.000000	298	5.703813
299	0.000000	299	8.688984
300	0.000000	300	2.849002
301	0.000000	301	4.311347
302	0.000000	302	0.334968
303	0.000000	303	0.000000
304	0.000000	304	0.000000
305	0.000000	305	0.024320
306	0.000000	306	0.024320

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Coordenada x	Valor x	Coordenada z	Valor z
307	0.000000	307	15.988264
308	0.000000	308	11.545843
309	0.000000	309	0.276223
310	0.000000	310	0.276223
311	0.000000	311	243.213772
312	0.000000	312	5.385775
313	0.000000	313	3.088561
314	0.000000	314	0.056651
315	0.000000	315	6.177373
316	0.000000	316	6.599738
317	0.000000	317	8.063749
318	3.211856	318	0.000000
319	0.000000	319	9.905037
320	0.000000	320	124.307910
321	82.675348	321	0.000000
322	0.000000	322	4.130913
323	0.000000	323	6.833980
324	0.000000	324	6.596157
325	0.000000	325	6.833980
326	0.000000	326	6.596157
327	0.000000	327	6.833980
328	0.000000	328	0.000000
329	0.000000	329	57.488465
330	0.000000	330	0.547802
331	0.000000	331	13.413807
332	68.610624	332	0.000000
333	0.000000	333	124.085414
334	0.000000	334	12.553003
335	0.614535	335	0.000000
336	0.000000	336	6.397596
337	0.000000	337	143.261359
338	0.000000	338	68.529572
339	0.000000	339	290.951545
340	0.000000	340	164.467863
341	0.000000	341	4.837469
342	0.000000	342	4.922567
343	0.000000	343	4.837469
344	0.000000	344	4.865835
345	0.000000	345	4.837469
346	0.010107	346	0.000000
347	10.877532	347	0.000000
348	0.000000	348	12.604772
349	0.000000	349	206.659894
350	0.000000	350	262.094405
351	0.000000	351	271.795535
352	0.000000	352	13.138499
353	0.000000	353	5.703813
354	-0.000000	354	0.000000
355	23.332061	355	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
356	140.782842	356	0.000000
357	58.928100	357	0.000000
358	-0.000000	358	0.000000
359	0.130940	359	0.000000
360	159.280436	360	0.000000
361	0.000000	361	0.000000
362	0.000000	362	0.000000
363	-0.000000	363	0.000000
364	-0.000000	364	0.000000
365	-0.000000	365	0.000000
366	0.000000	366	4.687430
367	0.000000	367	8.509017
368	-0.000000	368	0.000000
369	-0.000000	369	0.000000
370	-0.000000	370	0.000000
371	0.000000	371	1.134978
372	0.000000	372	0.331785
373	0.000000	373	0.189301
374	0.000000	374	0.986376
375	0.000000	375	1.676887
376	0.000000	376	0.396520
377	0.000000	377	0.166336
378	0.000000	378	0.894452
379	0.000000	379	1.709931
380	201.757684	380	0.000000
381	0.000000	381	0.637243
382	0.000000	382	0.000000
383	0.000000	383	1.480864
384	0.000000	384	0.000000
385	35.039085	385	0.000000
386	0.000000	386	0.000000
387	56.946829	387	0.000000
388	195.957279	388	0.000000
389	69.547486	389	0.000000
390	0.000000	390	4.687430
391	0.000000	391	8.509017
392	0.000000	392	1.134978
393	0.000000	393	0.331785
394	0.000000	394	0.189301
395	0.000000	395	0.986376
396	0.000000	396	1.676887
397	0.000000	397	0.396520
398	0.000000	398	0.166336
399	0.000000	399	0.894452
400	0.000000	400	1.709931
401	41.861226	401	0.000000
402	0.000000	402	0.637243
403	62.017520	403	0.000000
404	0.000000	404	1.480864

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Coordenada x	Valor x	Coordenada z	Valor z
405	-0.000000	405	0.000000
406	187.000000	406	-1.278000
407	2735.000000	407	-1.240000
408	264.000000	408	-0.298062
409	-0.000000	409	0.000000
410	195.000000	410	-0.859000
411	0.000000	411	-3.021000
412	525.000000	412	-0.591000
413	69.000000	413	-93.351114
414	66.000000	414	-92.832599
415	14.000000	415	-94.812223
416	56.000000	416	-120.448748
417	239.000000	417	-105.943741
418	75.000000	418	-105.943741
419	121.000000	419	-98.379496
420	12.000000	420	-112.588371
421	37.000000	421	-97.395950
422	2.000000	422	-95.870368
423	36.000000	423	-101.959127
424	36.000000	424	-98.961050
425	6.000000	425	-111.985685
426	1295.718944	426	0.000000
427	619.120657	427	0.000000
428	0.000000	428	0.108938
429	0.000000	429	1.368000
430	338.308716	430	0.000000
431	0.000000	431	3.927334
432	-0.000000	432	0.000000
433	145.246924	433	0.000000
434	385.000000	434	1.588501
435	11.800607	435	0.000000
436	0.000000	436	0.363451
437	0.000000	437	0.363451
438	33.787626	438	0.000000
439	-0.000000	439	0.000000
440	0.000000	440	0.000000
441	-0.000000	441	0.000000
442	-0.000000	442	0.000000
443	-0.000000	443	0.000000
444	-0.000000	444	0.000000
445	228.358251	445	0.000000
446	-0.000000	446	0.000000
447	0.000000	447	13.202071
448	138.454684	448	0.000000
449	-0.000000	449	0.000000
450	76.946445	450	0.000000
451	-0.000000	451	0.000000
452	-0.000000	452	0.000000
453	-0.000000	453	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
454	-0.000000	454	0.000000
455	95.264426	455	0.000000
456	0.000000	456	3.000000
457	12.000000	457	0.000000
458	41.000000	458	0.000000
459	51.000000	459	0.000000
460	33.687258	460	0.000000
461	2.312742	461	0.000000
462	36.000000	462	0.000000
463	81.913565	463	0.000000
464	37.000000	464	0.000000
465	-0.000000	465	0.000000
466	73.590434	466	0.000000
467	-0.000000	467	0.000000
468	-0.000000	468	0.000000
469	0.262509	469	0.000000
470	320.871145	470	0.000000
471	349.113270	471	0.000000
472	288.698570	472	0.000000
473	-0.000000	473	0.000000
474	-0.000000	474	0.000000
475	-0.000000	475	0.000000
476	-0.000000	476	0.000000
477	-0.000000	477	0.000000
478	-0.000000	478	0.000000
479	-0.000000	479	0.000000
480	-0.000000	480	0.000000
481	-0.000000	481	0.000000
482	-0.000000	482	0.000000
483	0.000000	483	4.034649
484	-0.000000	484	0.000000
485	0.000000	485	2.777643
486	-0.000000	486	0.000000
487	-0.000000	487	0.000000
488	-0.000000	488	0.000000
489	-0.000000	489	0.000000
490	0.000000	490	1.276245
491	6.864777	491	0.000000
492	-0.000000	492	0.000000
493	0.000000	493	2.203072
494	0.000000	494	7.259299
495	0.000000	495	3.455109
496	-0.000000	496	0.000000
497	-0.000000	497	0.000000
498	-0.000000	498	0.000000
499	999.280859	499	0.000000
500	0.000000	500	0.414304
501	983.255880	501	0.000000
502	0.000000	502	1.087018

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Coordenada x	Valor x	Coordenada z	Valor z
503	-0.000000	503	0.000000
504	0.000000	504	5.838321
505	385.000000	505	0.000000
506	-0.000000	506	0.000000
507	260.000000	507	0.000000
508	-0.000000	508	0.000000
509	-0.000000	509	0.000000
510	-0.000000	510	0.000000
511	-0.000000	511	0.000000
512	0.000000	512	3.357329
513	-0.000000	513	0.000000
514	-0.000000	514	0.000000
515	0.000000	515	4.463076
516	0.000000	516	10.104686
517	0.000000	517	5.959625
518	-0.000000	518	0.000000
519	-0.000000	519	0.000000
520	-0.000000	520	0.000000
521	719.719141	521	0.000000
522	0.000000	522	4.242815
523	0.000000	523	2.994488
524	0.000000	524	6.287926
525	-0.000000	525	0.000000
526	0.000000	526	7.881311
527	-0.000000	527	0.000000
528	-0.000000	528	0.000000
529	-0.000000	529	0.000000
530	0.000000	530	3.803307
531	0.000000	531	210.748480
532	35.621806	532	0.000000
533	13.010010	533	0.000000
534	53.464231	534	0.000000
535	0.000000	535	0.000000
536	-0.000000	536	0.000000
537	-0.000000	537	0.000000
538	-0.000000	538	0.000000
539	-0.000000	539	0.000000
540	0.000000	540	19.908673
541	0.000000	541	19.680736
542	0.000000	542	19.872323
543	0.000000	543	19.695858
544	0.000000	544	19.863599
545	-0.000000	545	0.000000
546	-0.000000	546	0.000000
547	-0.000000	547	0.000000
548	-0.000000	548	0.000000
549	-0.000000	549	0.000000
550	-0.000000	550	0.000000
551	-0.000000	551	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
552	-0.000000	552	0.000000
553	-0.000000	553	0.000000
554	-0.000000	554	0.000000
555	293.870820	555	0.000000
556	87.348620	556	0.000000
557	0.000000	557	7.992963
558	0.000000	558	235.867888
559	-0.000000	559	0.000000
560	0.000000	560	116.982741
561	0.000000	561	5.398738
562	0.000000	562	25.729753
563	0.000000	563	15.354186
564	0.000000	564	17.727231
565	0.000000	565	20.800515
566	0.000000	566	16.578090
567	0.000000	567	20.796700
568	0.000000	568	22.929893
569	0.000000	569	13.580065
570	0.000000	570	15.683781
571	0.000000	571	18.499383
572	0.000000	572	14.258920
573	0.000000	573	18.411580
574	-0.000000	574	0.000000
575	-0.000000	575	0.000000
576	0.000000	576	0.892981
577	0.000000	577	17578.846972
578	0.000000	578	17583.370086
579	0.000000	579	17068.641027
580	0.000000	580	17686.370531
581	0.000000	581	17599.258712
582	-0.000000	582	0.000000
583	0.000000	583	17631.690294
584	0.000000	584	17566.398177
585	-0.000000	585	0.000000
586	2.000000	586	6.648886
587	54.000000	587	-5.943741
588	4.000000	588	2.604050
589	46.000000	589	6.430719
590	-0.000000	590	0.000000
591	50.000000	591	0.522843
592	0.000000	592	0.001696
593	0.000000	593	0.003612
594	54.136970	594	0.000000
595	14.019151	595	0.000000
596	104.887913	596	0.000000
597	27.830602	597	0.000000
598	10.872633	598	0.000000
599	218.657152	599	0.000000
600	321.105605	600	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
601	-0.000000	601	0.000000
602	0.000000	602	0.177590
603	0.000000	603	2.657277
604	0.000000	604	5.376869
605	0.000000	605	1.200771
606	0.000000	606	1.173125
607	0.000000	607	0.000000
608	0.000000	608	0.000000
609	0.000000	609	0.000396
610	0.000000	610	0.000000
611	17.693148	611	0.000000
612	15.258955	612	0.000000
613	0.000000	613	1.176963
614	0.000000	614	0.780229
615	0.000000	615	2.095805
616	0.000000	616	0.000661
617	0.000000	617	0.000000
618	0.000000	618	4.248278
619	0.000000	619	1.533676
620	0.000000	620	0.434255
621	0.000000	621	1.425865
622	0.000000	622	1.405694
623	32.900085	623	0.000000
624	0.000000	624	1.855721
625	0.000000	625	3.785218
626	0.000000	626	2.076460
627	0.000000	627	0.385601
628	0.000000	628	4.750624
629	0.000000	629	0.392007
630	0.000000	630	0.389325
631	0.000000	631	0.000000
632	0.000000	632	0.806779
633	13.371065	633	0.000000
634	0.000000	634	15.901071
635	0.000000	635	0.646937
636	0.000000	636	4.402709
637	0.000000	637	2.571870
638	0.000000	638	4.306373
639	0.000000	639	3.366033
640	0.000000	640	5.090484
641	0.000000	641	3.777455
642	0.000000	642	4.341897
643	0.000000	643	2.381619
644	0.000000	644	3.896249
645	0.000000	645	3.295895
646	0.000000	646	4.951302
647	0.000000	647	3.652542
648	0.000000	648	0.000000
649	0.000000	649	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
650	0.000000	650	0.000000
651	0.000000	651	341.782856
652	0.000000	652	307.813209
653	0.000000	653	452.030651
654	0.000000	654	1027.427955
655	0.000000	655	414.690645
656	0.000000	656	107.964424
657	0.000000	657	0.000000
658	0.000000	658	79.551389
659	0.000000	659	0.177590
660	0.000000	660	2.657277
661	0.000000	661	2.018656
662	0.000000	662	5.829600
663	0.000000	663	2.057104
664	0.000000	664	2.581855
665	0.000000	665	5.376869
666	0.000000	666	1.200771
667	0.000000	667	1.173125
668	0.000000	668	2.127956
669	22.670955	669	0.000000
670	6.159557	670	0.000000
671	0.000000	671	0.000396
672	9.547918	672	0.000000
673	6.137549	673	0.000000
674	0.000000	674	0.000000
675	0.000000	675	1.176963
676	0.000000	676	0.780229
677	0.000000	677	2.095805
678	0.000000	678	6.266061
679	0.000000	679	3.358809
680	0.000000	680	0.000661
681	34.192400	681	0.000000
682	0.000000	682	0.824786
683	0.000000	683	4.248278
684	0.000000	684	0.468191
685	0.000000	685	1.192230
686	0.000000	686	1.300535
687	0.000000	687	0.803128
688	0.000000	688	5.319503
689	0.000000	689	1.414331
690	0.000000	690	8.520600
691	0.000000	691	1.533676
692	0.000000	692	0.434255
693	0.000000	693	7.265948
694	0.000000	694	1.425865
695	0.000000	695	1.405694
696	0.000000	696	0.000000
697	0.000000	697	9.049397
698	0.000000	698	1.855721

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Coordenada x	Valor x	Coordenada z	Valor z
699	0.000000	699	3.785218
700	0.000000	700	2.851894
701	0.000000	701	10.304373
702	0.000000	702	3.093968
703	0.000000	703	0.399133
704	0.000000	704	0.405938
705	97.192128	705	0.000000
706	0.000000	706	0.403136
707	0.000000	707	2.076460
708	0.000000	708	0.385601
709	0.000000	709	4.750624
710	0.000000	710	0.392007
711	0.000000	711	0.389325
712	8.823775	712	0.000000
713	0.000000	713	6.122809
714	6.454074	714	0.000000
715	0.000000	715	5.775721
716	0.000000	716	0.806779
717	-0.000000	717	0.000000
718	13.046365	718	0.000000
719	0.000000	719	13.058676
720	0.000000	720	15.901071
721	0.000000	721	0.646937
722	0.000000	722	4.402709
723	0.000000	723	2.571870
724	0.000000	724	4.306373
725	0.000000	725	3.366033
726	0.000000	726	5.090484
727	0.000000	727	3.777455
728	0.000000	728	4.341897
729	0.000000	729	2.381619
730	0.000000	730	3.896249
731	0.000000	731	3.295895
732	0.000000	732	4.951302
733	0.000000	733	3.652542
734	-0.000000	734	0.000000
735	-0.000000	735	0.000000
736	-0.000000	736	0.000000
737	0.000000	737	1.944725
738	52.374535	738	0.000000
739	0.000000	739	1.896566
740	0.000000	740	2.587197
741	0.000000	741	1.158086
742	0.000000	742	0.000000
743	0.000000	743	0.000000
744	0.000000	744	0.000000
745	0.000000	745	311.658635
746	0.000000	746	341.782856
747	0.000000	747	273.705875

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Coordenada x	Valor x	Coordenada z	Valor z
748	0.000000	748	307.813209
749	0.000000	749	452.030651
750	0.000000	750	1027.427955
751	0.000000	751	1119.093961
752	0.000000	752	331.845157
753	0.000000	753	414.690645
754	0.000000	754	13.959451
755	0.000000	755	107.964424
756	2.607570	756	0.000000
757	0.000000	757	79.551389
758	0.000000	758	182.259165
759	0.000000	759	2.018656
760	0.000000	760	5.829600
761	0.000000	761	2.057104
762	0.000000	762	2.581855
763	0.000000	763	2.127956
764	0.000000	764	0.000396
765	0.000000	765	0.000000
766	1.764737	766	0.000000
767	0.000000	767	0.000000
768	0.000000	768	6.266061
769	0.000000	769	3.358809
770	0.000000	770	0.000661
771	7.227463	771	0.000000
772	0.000000	772	0.824786
773	0.000000	773	0.468191
774	0.000000	774	1.192230
775	-0.000000	775	0.000000
776	0.000000	776	1.300535
777	0.000000	777	0.803128
778	0.000000	778	5.319503
779	0.000000	779	1.414331
780	0.000000	780	8.520600
781	0.000000	781	7.265948
782	0.000000	782	9.049397
783	0.000000	783	2.851894
784	0.000000	784	10.304373
785	0.000000	785	3.093968
786	0.000000	786	0.399133
787	0.000000	787	0.405938
788	0.000000	788	-0.000000
789	0.000000	789	0.403136
790	-0.000000	790	0.000000
791	0.000000	791	6.122809
792	0.000000	792	0.000000
793	0.000000	793	5.775721
794	0.000000	794	0.000000
795	0.000000	795	13.058676
796	0.000000	796	1.944725

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Coordenada x	Valor x	Coordenada z	Valor z
797	21.602481	797	0.000000
798	0.000000	798	1.896566
799	0.000000	799	2.587197
800	0.000000	800	1.158086
801	-0.000000	801	0.000000
802	-0.000000	802	0.000000
803	-0.000000	803	0.000000
804	0.000000	804	311.658635
805	0.000000	805	273.705875
806	0.000000	806	1119.093961
807	0.000000	807	331.845157
808	0.000000	808	13.959451
809	0.000000	809	182.259165
810	0.000000	810	27.545154
811	0.000000	811	33.956262
812	17.255376	812	0.000000
813	0.000000	813	76.926352
814	0.000000	814	27.545154
815	-0.000000	815	0.000000
816	-0.000000	816	0.000000
817	-0.000000	817	0.000000
818	-0.000000	818	0.000000
819	-0.000000	819	0.000000
820	-0.000000	820	0.000000
821	-0.000000	821	0.000000
822	135.465803	822	0.000000
823	-0.000000	823	0.000000
824	-0.000000	824	0.000000
825	0.000000	825	19.252965
826	0.000000	826	4.496733
827	0.000000	827	20.513690
828	0.000000	828	6.639911
829	0.000000	829	14.798961
830	187.343699	830	0.000000
831	0.000000	831	16.985953
832	0.000000	832	2.206385
833	-0.000000	833	0.000000
834	-0.000000	834	0.000000
835	0.357457	835	0.000000
836	75.000000	836	-0.556000
837	235.000000	837	-8.922388
838	1850.000000	838	-0.940000
839	0.000000	839	-1.086000
840	259.043140	840	0.000000
841	-0.000000	841	0.000000
842	225.000000	842	-0.388000
843	5.000000	843	-100.042427
844	782.000000	844	-100.332064
845	46.000000	845	-100.326814

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Coordenada x	Valor x	Coordenada z	Valor z
846	78.000000	846	-100.380328
847	175.000000	847	-100.380328
848	43.000000	848	-100.380328
849	334.000000	849	-121.374921
850	32.000000	850	-34.250000
851	60.000000	851	-97.824706
852	4.000000	852	-99.699886
853	118.000000	853	-103.921860
854	42.000000	854	-96.688062
855	16.000000	855	-101.513853
856	139.335640	856	0.000000
857	22.000000	857	-100.380328
858	34.000000	858	-106.109777
859	56.000000	859	0.332064
860	35.000000	860	0.380328
861	8.000000	861	21.374921
862	15.547143	862	0.000000
863	150.000000	863	-7.799388
864	84.941875	864	0.000000
865	-0.000000	865	0.000000
866	30.277525	866	0.000000
867	0.000000	867	0.610000
868	0.000000	868	3.781000
869	-0.000000	869	0.000000
870	75.332609	870	0.000000
871	4.950924	871	0.000000
872	22.000000	872	0.000000
873	34.000000	873	0.000000
874	12.009953	874	0.000000
875	0.000000	875	0.003246
876	0.000000	876	0.005162
877	-0.000000	877	0.000000
878	9.547918	878	0.000000
879	0.000000	879	0.000000
880	25.595434	880	0.000000
881	15.258955	881	0.000000
882	47.929600	882	0.000000
883	-0.000000	883	0.000000
884	91.616516	884	0.000000
885	-0.000000	885	0.000000
886	-0.000000	886	0.000000
887	91.616516	887	0.000000
888	0.000000	888	100.380328
889	43.000000	889	0.000000
890	-0.000000	890	0.000000
891	41.419864	891	0.000000
892	-0.000000	892	0.000000
893	-0.000000	893	0.000000
894	79.656846	894	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
895	32.000000	895	0.000000
896	4.950924	896	0.000000
897	0.000000	897	13.863381
898	0.000000	898	13.311765
899	60.000000	899	0.000000
900	4.000000	900	0.000000
901	23.747500	901	0.000000
902	94.921633	902	0.000000
903	-0.000000	903	0.000000
904	16.000000	904	0.000000
905	65.558197	905	0.000000
906	-0.000000	906	0.000000
907	-0.000000	907	0.000000
908	-0.000000	908	0.000000
909	90.547143	909	0.000000
910	-0.000000	910	0.000000
911	-0.000000	911	0.000000
912	-0.000000	912	0.000000
913	-0.000000	913	0.000000
914	-0.000000	914	0.000000
915	-0.000000	915	0.000000
916	-0.000000	916	0.000000
917	-0.000000	917	0.000000
918	-0.000000	918	0.000000
919	-0.000000	919	0.000000
920	-0.000000	920	0.000000
921	-0.000000	921	0.000000
922	255.644090	922	0.000000
923	-0.000000	923	0.000000
924	-0.000000	924	0.000000
925	0.000000	925	7.632525
926	0.000000	926	7.632519
927	0.000000	927	7.632517
928	0.000000	928	7.471904
929	0.000000	929	7.471903
930	0.000000	930	7.471903
931	5.000000	931	0.000000
932	-0.000000	932	0.000000
933	-0.000000	933	0.000000
934	-0.000000	934	0.000000
935	-0.000000	935	0.000000
936	603.000000	936	0.000000
937	-0.000000	937	0.000000
938	-0.000000	938	0.000000
939	-0.000000	939	0.000000
940	-0.000000	940	0.000000
941	0.000000	941	0.525408
942	-0.000000	942	0.000000
943	-0.000000	943	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
944	-0.000000	944	0.000000
945	-0.000000	945	0.000000
946	-0.000000	946	0.000000
947	0.000000	947	1.293823
948	-0.000000	948	0.000000
949	305.744120	949	0.000000
950	-0.000000	950	0.000000
951	-0.000000	951	0.000000
952	-0.000000	952	0.000000
953	-0.000000	953	0.000000
954	-0.000000	954	0.000000
955	312.471130	955	0.000000
956	-0.000000	956	0.000000
957	-0.000000	957	0.000000
958	82.325947	958	0.000000
959	-0.000000	959	0.000000
960	-0.000000	960	0.000000
961	-0.000000	961	0.000000
962	-0.000000	962	0.000000
963	-0.000000	963	0.000000
964	-0.000000	964	0.000000
965	-0.000000	965	0.000000
966	0.000000	966	0.127425
967	-0.000000	967	0.000000
968	208.485053	968	0.000000
969	-0.000000	969	0.000000
970	-0.000000	970	0.000000
971	61.092884	971	0.000000
972	-0.000000	972	0.000000
973	-0.000000	973	0.000000
974	-0.000000	974	0.000000
975	-0.000000	975	0.000000
976	-0.000000	976	0.000000
977	342.853562	977	0.000000
978	-0.000000	978	0.000000
979	18.969180	979	0.000000
980	-0.000000	980	0.000000
981	-0.000000	981	0.000000
982	-0.000000	982	0.000000
983	0.000000	983	3.567856
984	0.000000	984	3.565940
985	0.000000	985	2.829679
986	0.000000	986	1.844452
987	22.562654	987	0.000000
988	6.125864	988	0.000000
989	0.000000	989	1.670860
990	0.000000	990	1.847259
991	0.000000	991	1.889595
992	-0.000000	992	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
993	-0.000000	993	0.000000
994	-0.000000	994	0.000000
995	-0.000000	995	0.000000
996	-0.000000	996	0.000000
997	-0.000000	997	0.000000
998	-0.000000	998	0.000000
999	256.987242	999	0.000000
1000	-0.000000	1000	0.000000
1001	0.000000	1001	9.161777
1002	0.000000	1002	4.245450
1003	-0.000000	1003	0.000000
1004	-0.000000	1004	0.000000
1005	-0.000000	1005	0.000000
1006	-0.000000	1006	0.000000
1007	-0.000000	1007	0.000000
1008	-0.000000	1008	0.000000
1009	-0.000000	1009	0.000000
1010	-0.000000	1010	0.000000
1011	-0.000000	1011	0.000000
1012	-0.000000	1012	0.000000
1013	-0.000000	1013	0.000000
1014	-0.000000	1014	0.000000
1015	40.722530	1015	0.000000
1016	27.000000	1016	0.293886
1017	-0.000000	1017	0.000000
1018	0.000000	1018	6594.659831
1019	0.000000	1019	6591.611075
1020	0.000000	1020	6599.426096
1021	0.000000	1021	6594.544144
1022	0.000000	1022	0.197642
1023	0.000000	1023	0.239983
1024	58.225425	1024	0.000000
1025	0.000000	1025	0.000000
1026	152.798052	1026	0.000000
1027	0.000000	1027	0.230370
1028	149.400496	1028	0.000000
1029	355.942780	1029	0.000000
1030	640.714655	1030	0.000000
1031	-0.000000	1031	0.000000
1032	0.000000	1032	0.286437
1033	0.000000	1033	0.286930
1034	0.000000	1034	0.824745
1035	17.945416	1035	0.000000
1036	0.000000	1036	3.255499
1037	0.000000	1037	0.248070
1038	0.000000	1038	0.548465
1039	0.000000	1039	0.645110
1040	0.000000	1040	0.000000
1041	0.000000	1041	0.444740

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Coordenada x	Valor x	Coordenada z	Valor z
1042	67.799450	1042	0.000000
1043	0.000000	1043	0.189731
1044	0.000000	1044	0.041859
1045	0.000000	1045	0.056923
1046	0.000000	1046	0.544910
1047	0.000000	1047	0.000000
1048	0.000000	1048	0.107405
1049	0.000000	1049	0.079642
1050	30.560778	1050	0.000000
1051	0.000000	1051	0.079369
1052	0.000000	1052	0.825327
1053	0.000000	1053	0.095380
1054	0.000000	1054	0.067059
1055	5.900894	1055	0.000000
1056	0.000000	1056	0.022274
1057	-0.000000	1057	0.000000
1058	0.000000	1058	0.017704
1059	-0.000000	1059	0.000000
1060	-0.000000	1060	0.000000
1061	0.000000	1061	7.365092
1062	0.000000	1062	0.088208
1063	0.000000	1063	17.263337
1064	0.000000	1064	0.218554
1065	68.116300	1065	0.000000
1066	0.000000	1066	2.950499
1067	0.000000	1067	3.127274
1068	0.000000	1068	5.257336
1069	0.000000	1069	2.859995
1070	0.000000	1070	3.424694
1071	0.000000	1071	4.086009
1072	0.000000	1072	3.770652
1073	0.000000	1073	4.083776
1074	0.000000	1074	6.826857
1075	0.000000	1075	3.640440
1076	0.000000	1076	4.454874
1077	0.000000	1077	5.183706
1078	-0.000000	1078	0.000000
1079	-0.000000	1079	0.000000
1080	-0.000000	1080	0.000000
1081	0.000000	1081	3.058270
1082	0.000000	1082	10.909127
1083	0.000000	1083	0.000000
1084	0.000000	1084	31.874743
1085	0.000000	1085	19.341309
1086	0.000000	1086	40.909291
1087	0.000000	1087	1.549729
1088	0.000000	1088	30.696115
1089	0.000000	1089	4.256562
1090	0.000000	1090	8.117986

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Coordenada x	Valor x	Coordenada z	Valor z
1091	0.000000	1091	3.729233
1092	0.000000	1092	0.286437
1093	0.000000	1093	0.286930
1094	0.000000	1094	1.397454
1095	0.000000	1095	0.481974
1096	0.000000	1096	0.071690
1097	0.000000	1097	0.125237
1098	0.000000	1098	0.824745
1099	0.000000	1099	0.000000
1100	0.000000	1100	3.255499
1101	107.472276	1101	0.000000
1102	0.000000	1102	0.248070
1103	0.000000	1103	0.548465
1104	0.000000	1104	0.645110
1105	0.000000	1105	0.000000
1106	0.000000	1106	0.444740
1107	58.160263	1107	0.000000
1108	0.000000	1108	0.189731
1109	0.000000	1109	0.041859
1110	0.000000	1110	0.056923
1111	0.000000	1111	3.444283
1112	0.000000	1112	0.241158
1113	0.000000	1113	0.544910
1114	116.869490	1114	0.000000
1115	0.000000	1115	0.004255
1116	0.000000	1116	0.107405
1117	0.000000	1117	0.028096
1118	0.000000	1118	0.000000
1119	0.000000	1119	0.000000
1120	0.000000	1120	0.000000
1121	0.000000	1121	0.536488
1122	0.000000	1122	0.751694
1123	0.000000	1123	0.657668
1124	0.000000	1124	0.079642
1125	0.000000	1125	0.000000
1126	0.000000	1126	0.303212
1127	0.000000	1127	0.079369
1128	0.000000	1128	0.825327
1129	0.000000	1129	0.095380
1130	0.000000	1130	0.886748
1131	0.000000	1131	0.067059
1132	0.000000	1132	0.000000
1133	0.000000	1133	0.003531
1134	0.000000	1134	0.114626
1135	0.000000	1135	0.738684
1136	0.000000	1136	0.000000
1137	0.000000	1137	0.000000
1138	0.000000	1138	1.632131
1139	0.000000	1139	0.000000

Continua na próxima página

Coordenada x	Valor x	Coordenada z	Valor z
1140	0.000000	1140	0.022274
1141	0.000000	1141	0.000000
1142	0.000000	1142	0.017704
1143	0.000000	1143	0.000000
1144	0.000000	1144	0.000000
1145	0.000000	1145	7.365092
1146	0.000000	1146	8.161550
1147	300.872880	1147	0.000000
1148	0.000000	1148	2.406653
1149	0.000000	1149	0.088208
1150	0.000000	1150	3.593619
1151	0.000000	1151	17.263337
1152	0.000000	1152	0.374360
1153	0.000000	1153	0.218554
1154	0.000000	1154	0.000000
1155	0.000000	1155	2.950499
1156	0.000000	1156	3.127274
1157	0.000000	1157	5.257336
1158	0.000000	1158	2.859995
1159	0.000000	1159	3.424694
1160	0.000000	1160	4.086009
1161	0.000000	1161	3.770652
1162	0.000000	1162	4.083776
1163	0.000000	1163	6.826857
1164	0.000000	1164	3.640440
1165	0.000000	1165	4.454874
1166	0.000000	1166	5.183706
1167	0.000000	1167	0.000000
1168	0.000000	1168	0.000000
1169	0.000000	1169	0.000000
1170	0.000000	1170	0.178537
1171	0.000000	1171	0.093353
1172	0.000000	1172	1.863596
1173	0.000000	1173	0.288373
1174	0.000000	1174	1.069676
1175	0.000000	1175	0.000000
1176	0.000000	1176	0.000000
1177	0.000000	1177	0.000000
1178	0.000000	1178	0.000000
1179	0.000000	1179	3.058270
1180	0.000000	1180	3.107342
1181	0.000000	1181	10.909127
1182	3.296585	1182	0.000000
1183	0.000000	1183	31.874743
1184	0.000000	1184	29.864685
1185	0.000000	1185	5.231326
1186	0.000000	1186	19.341309
1187	0.000000	1187	16.927264
1188	0.000000	1188	40.909291

Continua na próxima página

Coordenada x	Valor x	Coordenada z	Valor z
1189	0.000000	1189	1.549729
1190	0.000000	1190	30.696115
1191	1.434001	1191	0.000000
1192	0.000000	1192	0.000000
1193	0.000000	1193	4.256562
1194	0.000000	1194	3.376212
1195	0.000000	1195	8.117986
1196	0.000000	1196	3.729233
1197	0.000000	1197	1.397454
1198	0.000000	1198	0.481974
1199	0.000000	1199	0.071690
1200	0.000000	1200	0.125237
1201	0.000000	1201	0.000000
1202	0.000000	1202	0.645110
1203	73.050573	1203	0.000000
1204	0.000000	1204	0.444740
1205	0.000000	1205	0.000000
1206	0.000000	1206	3.444283
1207	0.000000	1207	0.241158
1208	0.000000	1208	0.544910
1209	37.098642	1209	0.000000
1210	0.000000	1210	0.004255
1211	-0.000000	1211	0.000000
1212	0.000000	1212	0.028096
1213	165.980223	1213	0.000000
1214	-0.000000	1214	0.000000
1215	602.875433	1215	0.000000
1216	302.418427	1216	0.000000
1217	0.000000	1217	0.536488
1218	0.000000	1218	0.751694
1219	0.000000	1219	0.657668
1220	0.000000	1220	0.303212
1221	0.000000	1221	0.886748
1222	0.000000	1222	0.003531
1223	0.000000	1223	0.114626
1224	-0.000000	1224	0.000000
1225	0.000000	1225	0.738684
1226	-0.000000	1226	0.000000
1227	-0.000000	1227	0.000000
1228	0.000000	1228	1.632131
1229	-0.000000	1229	0.000000
1230	-0.000000	1230	0.000000
1231	0.000000	1231	8.161550
1232	0.000000	1232	0.000000
1233	0.000000	1233	2.406653
1234	0.000000	1234	3.593619
1235	0.000000	1235	0.374360
1236	0.000000	1236	0.178537
1237	0.000000	1237	0.093353

Continua na próxima página

Coordenada x	Valor x	Coordenada z	Valor z
1238	0.000000	1238	1.863596
1239	0.000000	1239	0.288373
1240	0.000000	1240	1.069676
1241	-0.000000	1241	0.000000
1242	-0.000000	1242	0.000000
1243	-0.000000	1243	0.000000
1244	1.379714	1244	0.000000
1245	0.000000	1245	3.107342
1246	0.000000	1246	29.864685
1247	0.000000	1247	5.231326
1248	0.000000	1248	16.927264
1249	0.000000	1249	0.000000
1250	2.132150	1250	0.000000
1251	0.000000	1251	3.376212
1252	-0.000000	1252	0.000000
1253	31.220595	1253	0.000000
1254	53.910025	1254	0.000000
1255	92.103290	1255	0.000000
1256	-0.000000	1256	0.000000
1257	17.875362	1257	0.000000
1258	-0.000000	1258	0.000000
1259	67.286291	1259	0.000000
1260	-0.000000	1260	0.000000
1261	-0.000000	1261	0.000000
1262	-0.000000	1262	0.000000
1263	-0.000000	1263	0.000000
1264	-0.000000	1264	0.000000
1265	-0.000000	1265	0.000000
1266	50.010795	1266	0.000000
1267	20.235766	1267	0.000000
1268	-0.000000	1268	0.000000
1269	-0.000000	1269	0.000000
1270	0.000000	1270	0.010619
1271	388.458699	1271	0.000000
1272	0.000000	1272	0.257614
1273	0.000000	1273	0.271014
1274	41.416944	1274	0.000000
1275	0.000000	1275	0.004122
1276	0.000000	1276	0.254692
1277	0.000000	1277	0.281369
1278	0.000000	1278	0.300277
1279	0.000000	1279	0.565716
1280	0.000000	1280	0.531484
1281	0.000000	1281	0.821892
1282	-0.000000	1282	0.000000
1283	-0.000000	1283	0.000000
1284	-0.000000	1284	0.000000
1285	-0.000000	1285	0.000000
1286	501.000000	1286	-0.304842

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Coordenada x	Valor x	Coordenada z	Valor z
1287	4995.207231	1287	0.000000
1288	-0.000000	1288	0.000000
1289	549.635286	1289	0.000000
1290	-0.000000	1290	0.000000
1291	0.000000	1291	-1.955000
1292	209.955800	1292	0.000000
1293	13.000000	1293	-100.042427
1294	1384.000000	1294	-99.102120
1295	218.000000	1295	-99.020001
1296	185.000000	1296	-99.596229
1297	29.000000	1297	-99.596229
1298	1192.000000	1298	-99.596229
1299	362.000000	1299	-99.596229
1300	748.000000	1300	-98.959442
1301	222.000000	1301	-99.734521
1302	-0.000000	1302	0.000000
1303	98.000000	1303	-99.614609
1304	1.000000	1304	-99.614609
1305	18.000000	1305	-99.138515
1306	244.000000	1306	-97.884323
1307	1.000000	1307	-99.614609
1308	93.000000	1308	-97.717027
1309	42.000000	1309	-99.511442
1310	4.000000	1310	-99.596229
1311	61.000000	1311	-99.596229
1312	96.000000	1312	-99.288688
1313	65.000000	1313	-0.897880
1314	65.000000	1314	-0.403771
1315	19.000000	1315	-1.040558
1316	0.000000	1316	0.556000
1317	0.000000	1317	0.687385
1318	0.000000	1318	0.940000
1319	128.770693	1319	0.000000
1320	0.000000	1320	1.086000
1321	0.000000	1321	0.610000
1322	0.000000	1322	3.781000
1323	-0.000000	1323	0.000000
1324	0.000000	1324	0.388000
1325	46.000000	1325	-0.130774
1326	-0.000000	1326	0.000000
1327	61.000000	1327	0.000000
1328	96.000000	1328	0.000000
1329	0.000000	1329	1.537820
1330	0.000000	1330	0.197642
1331	0.000000	1331	0.239983
1332	-0.000000	1332	0.000000
1333	73.050573	1333	0.000000
1334	0.000000	1334	1.022861
1335	-0.000000	1335	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
1336	125.959713	1336	0.000000
1337	0.000000	1337	0.329985
1338	226.683200	1338	0.000000
1339	0.000000	1339	0.403771
1340	183.617073	1340	0.000000
1341	0.000000	1341	0.403771
1342	0.000000	1342	0.403771
1343	183.617073	1343	0.000000
1344	35.827002	1344	0.000000
1345	-0.000000	1345	0.000000
1346	1192.000000	1346	0.000000
1347	0.000000	1347	0.817324
1348	-0.000000	1348	0.000000
1349	153.968132	1349	0.000000
1350	-0.000000	1350	0.000000
1351	-0.000000	1351	0.000000
1352	25.764375	1352	0.000000
1353	200.000000	1353	0.000000
1354	0.000000	1354	0.094054
1355	0.000000	1355	0.322669
1356	0.000000	1356	0.282333
1357	0.000000	1357	0.125311
1358	0.000000	1358	0.198617
1359	98.000000	1359	0.000000
1360	1.000000	1360	0.000000
1361	18.000000	1361	0.000000
1362	51.899577	1362	0.000000
1363	192.100423	1363	0.000000
1364	1.000000	1364	0.000000
1365	65.109070	1365	0.000000
1366	24.000000	1366	0.000000
1367	122.429506	1367	0.000000
1368	0.000000	1368	0.000000
1369	-0.000000	1369	0.000000
1370	-0.000000	1370	0.000000
1371	-0.000000	1371	0.000000
1372	-0.000000	1372	0.000000
1373	-0.000000	1373	0.000000
1374	35.836732	1374	0.000000
1375	-0.000000	1375	0.000000
1376	-0.000000	1376	0.000000
1377	-0.000000	1377	0.000000
1378	119.875807	1378	0.000000
1379	-0.000000	1379	0.000000
1380	-0.000000	1380	0.000000
1381	-0.000000	1381	0.000000
1382	-0.000000	1382	0.000000
1383	-0.000000	1383	0.000000
1384	-0.000000	1384	0.000000

Continua na próxima página

Coordenada x	Valor x	Coordenada z	Valor z
1385	-0.000000	1385	0.000000
1386	-0.000000	1386	0.000000
1387	149.375135	1387	0.000000
1388	30.243261	1388	0.000000
1389	-0.000000	1389	0.000000
1390	-0.000000	1390	0.000000
1391	-0.000000	1391	0.000000
1392	-0.000000	1392	0.000000
1393	0.000000	1393	0.609630
1394	0.000000	1394	0.707285
1395	0.000000	1395	0.726877
1396	0.000000	1396	0.225336
1397	0.000000	1397	0.244288
1398	0.000000	1398	0.244204
1399	13.000000	1399	0.000000
1400	-0.000000	1400	0.000000
1401	-0.000000	1401	0.000000
1402	-0.000000	1402	0.000000
1403	-0.000000	1403	0.000000
1404	-0.000000	1404	0.000000
1405	-0.000000	1405	0.000000
1406	-0.000000	1406	0.000000
1407	0.000000	1407	77.316142
1408	-0.000000	1408	0.000000
1409	-0.000000	1409	0.000000
1410	0.000000	1410	0.098621
1411	-0.000000	1411	0.000000
1412	-0.000000	1412	0.000000
1413	-0.000000	1413	0.000000
1414	-0.000000	1414	0.000000
1415	-0.000000	1415	0.000000
1416	-0.000000	1416	0.000000
1417	100.457847	1417	0.000000
1418	-0.000000	1418	0.000000
1419	-0.000000	1419	0.000000
1420	-0.000000	1420	0.000000
1421	-0.000000	1421	0.000000
1422	114.843309	1422	0.000000
1423	0.000000	1423	28.706285
1424	-0.000000	1424	0.000000
1425	-0.000000	1425	0.000000
1426	0.000000	1426	0.007471
1427	-0.000000	1427	0.000000
1428	90.973416	1428	0.000000
1429	-0.000000	1429	0.000000
1430	-0.000000	1430	0.000000
1431	-0.000000	1431	0.000000
1432	311.703577	1432	0.000000
1433	1482.031104	1433	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
1434	0.000000	1434	77.505089
1435	-0.000000	1435	0.000000
1436	-0.000000	1436	0.000000
1437	0.000000	1437	0.000319
1438	-0.000000	1438	0.000000
1439	-0.000000	1439	0.000000
1440	413.812572	1440	0.000000
1441	875.027999	1441	0.000000
1442	269.998366	1442	0.000000
1443	-0.000000	1443	0.000000
1444	-0.000000	1444	0.000000
1445	-0.000000	1445	0.000000
1446	-0.000000	1446	0.000000
1447	-0.000000	1447	0.000000
1448	-0.000000	1448	0.000000
1449	-0.000000	1449	0.000000
1450	0.000000	1450	28.885068
1451	884.296025	1451	0.000000
1452	-0.000000	1452	0.000000
1453	217.000000	1453	0.000000
1454	235.063017	1454	0.000000
1455	0.000000	1455	0.042341
1456	43.974358	1456	0.000000
1457	0.000000	1457	0.230370
1458	0.830037	1458	0.000000
1459	-0.000000	1459	0.000000
1460	-0.000000	1460	0.000000
1461	0.000000	1461	0.579663
1462	0.000000	1462	0.639768
1463	0.000000	1463	0.653964
1464	-0.000000	1464	0.000000
1465	-0.000000	1465	0.000000
1466	-0.000000	1466	0.000000
1467	511.129867	1467	0.000000
1468	-0.000000	1468	0.000000
1469	-0.000000	1469	0.000000
1470	48.611437	1470	0.000000
1471	-0.000000	1471	0.000000
1472	-0.000000	1472	0.000000
1473	-0.000000	1473	0.000000
1474	-0.000000	1474	0.000000
1475	-0.000000	1475	0.000000
1476	0.000000	1476	3.788038
1477	0.000000	1477	0.902309
1478	0.000000	1478	2.781168
1479	-0.000000	1479	0.000000
1480	-0.000000	1480	0.000000
1481	-0.000000	1481	0.000000
1482	-0.000000	1482	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
1483	-0.000000	1483	0.000000
1484	-0.000000	1484	0.000000
1485	-0.000000	1485	0.000000
1486	-0.000000	1486	0.000000
1487	-0.000000	1487	0.000000
1488	-0.000000	1488	0.000000
1489	-0.000000	1489	0.000000
1490	-0.000000	1490	0.000000
1491	45.000000	1491	0.247112
1492	119.325778	1492	0.000000
1493	106.483547	1493	0.000000
1494	0.000000	1494	6686.453668
1495	0.000000	1495	6687.956687
1496	0.000000	1496	6588.743000
1497	0.000000	1497	6666.147471
1498	22.000000	1498	-0.265479
1499	0.000000	1499	0.401329
1500	0.000000	1500	6588.513288
1501	0.000000	1501	6586.747922
1502	0.000000	1502	6076.743656
1503	0.000000	1503	6569.288606
1504	0.000000	1504	6583.859745
1505	0.000000	1505	6588.309119
1506	0.000000	1506	6588.008979
1507	0.000000	1507	6686.351958
1508	0.000000	1508	6687.859448
1509	-0.000000	1509	0.000000
1510	0.000000	1510	6588.633286
1511	0.000000	1511	6569.730143
1512	0.000000	1512	6567.930768
1513	0.000000	1513	6574.428873
1514	18.000000	1514	5.942160
1515	0.000000	1515	6326.693837
1516	0.000000	1516	6588.832556
1517	0.000000	1517	0.000000
1518	0.000000	1518	0.421785
1519	253.048056	1519	0.000000
1520	21.149751	1520	0.000000
1521	273.941665	1521	0.000000
1522	0.000000	1522	0.219326
1523	260.325356	1523	0.000000
1524	862.988247	1524	0.000000
1525	966.172419	1525	0.000000
1526	-0.000000	1526	0.000000
1527	-0.000000	1527	0.000000
1528	0.000000	1528	0.290554
1529	0.000000	1529	0.844916
1530	54.015464	1530	0.000000
1531	0.000000	1531	3.270425

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Coordenada x	Valor x	Coordenada z	Valor z
1532	0.000000	1532	0.284148
1533	0.000000	1533	0.558663
1534	0.000000	1534	0.555348
1535	0.000000	1535	0.000000
1536	0.000000	1536	0.440132
1537	142.777093	1537	0.000000
1538	0.000000	1538	0.194345
1539	0.000000	1539	0.045546
1540	0.000000	1540	0.055481
1541	0.000000	1541	0.540876
1542	0.000000	1542	0.005346
1543	0.000000	1543	0.000000
1544	0.000000	1544	0.112513
1545	0.000000	1545	0.076209
1546	17.543292	1546	0.000000
1547	0.000000	1547	0.080888
1548	0.000000	1548	0.817910
1549	0.000000	1549	0.100115
1550	0.000000	1550	0.068542
1551	29.985131	1551	0.000000
1552	0.000000	1552	0.000000
1553	0.000000	1553	0.000000
1554	25.006166	1554	0.000000
1555	0.000000	1555	0.000000
1556	0.000000	1556	0.000000
1557	0.000000	1557	7.277950
1558	0.000000	1558	0.008172
1559	0.000000	1559	0.092598
1560	0.000000	1560	17.333418
1561	0.000000	1561	0.238691
1562	0.000000	1562	0.000618
1563	0.000000	1563	1.010105
1564	0.000000	1564	1.036777
1565	0.000000	1565	2.789994
1566	0.000000	1566	0.923424
1567	0.000000	1567	1.207146
1568	0.000000	1568	1.901307
1569	0.000000	1569	1.289308
1570	0.000000	1570	1.361413
1571	0.000000	1571	3.374682
1572	0.000000	1572	1.187888
1573	0.000000	1573	1.558457
1574	0.000000	1574	2.288365
1575	0.000000	1575	0.000000
1576	0.000000	1576	0.000000
1577	0.000000	1577	0.000000
1578	218.981821	1578	0.000000
1579	0.000000	1579	0.000000
1580	0.000000	1580	4.712043

Continua na próxima página

Coordenada x	Valor x	Coordenada z	Valor z
1581	0.000000	1581	12.109019
1582	0.000000	1582	0.000000
1583	0.000000	1583	39.482387
1584	0.000000	1584	25.449007
1585	0.000000	1585	46.541062
1586	0.000000	1586	5.817543
1587	0.000000	1587	39.132049
1588	0.000000	1588	4.871377
1589	0.000000	1589	8.338486
1590	0.000000	1590	3.499121
1591	0.000000	1591	0.311712
1592	0.000000	1592	0.000000
1593	0.000000	1593	0.290554
1594	0.000000	1594	1.403364
1595	0.000000	1595	0.425526
1596	0.000000	1596	0.072038
1597	0.000000	1597	0.122515
1598	0.000000	1598	0.844916
1599	0.000000	1599	0.000000
1600	0.000000	1600	3.270425
1601	114.274318	1601	0.000000
1602	0.000000	1602	0.284148
1603	0.000000	1603	0.558663
1604	0.000000	1604	0.555348
1605	0.000000	1605	0.000000
1606	0.000000	1606	0.440132
1607	64.570653	1607	0.000000
1608	0.000000	1608	0.194345
1609	0.000000	1609	0.045546
1610	0.000000	1610	0.055481
1611	0.000000	1611	3.406665
1612	0.000000	1612	0.210675
1613	0.000000	1613	0.540876
1614	0.000000	1614	0.005346
1615	0.000000	1615	0.000000
1616	0.000000	1616	0.112513
1617	0.000000	1617	0.029607
1618	56.794904	1618	0.000000
1619	0.000000	1619	0.001219
1620	36.518460	1620	0.000000
1621	0.000000	1621	0.468265
1622	0.000000	1622	0.754547
1623	0.000000	1623	0.597353
1624	0.000000	1624	0.076209
1625	0.000000	1625	0.000000
1626	0.000000	1626	0.247283
1627	0.000000	1627	0.080888
1628	0.000000	1628	0.817910
1629	0.000000	1629	0.100115

Continua na próxima página

Coordenada x	Valor x	Coordenada z	Valor z
1630	0.000000	1630	0.814360
1631	0.000000	1631	0.068542
1632	15.511475	1632	0.000000
1633	332.304245	1633	0.000000
1634	0.000000	1634	0.069557
1635	0.000000	1635	0.735943
1636	0.000000	1636	0.000000
1637	0.000000	1637	0.000000
1638	0.000000	1638	1.638900
1639	0.000000	1639	0.000000
1640	36.275850	1640	0.000000
1641	-0.000000	1641	0.000000
1642	32.443714	1642	0.000000
1643	-0.000000	1643	0.000000
1644	-0.000000	1644	0.000000
1645	0.000000	1645	7.277950
1646	0.000000	1646	8.085508
1647	0.000000	1647	0.008172
1648	0.000000	1648	2.347626
1649	0.000000	1649	0.092598
1650	0.000000	1650	3.510654
1651	0.000000	1651	17.333418
1652	0.000000	1652	0.299454
1653	0.000000	1653	0.238691
1654	0.000000	1654	0.000618
1655	0.000000	1655	1.010105
1656	0.000000	1656	1.036777
1657	0.000000	1657	2.789994
1658	0.000000	1658	0.923424
1659	0.000000	1659	1.207146
1660	0.000000	1660	1.901307
1661	0.000000	1661	1.289308
1662	0.000000	1662	1.361413
1663	0.000000	1663	3.374682
1664	0.000000	1664	1.187888
1665	0.000000	1665	1.558457
1666	0.000000	1666	2.288365
1667	-0.000000	1667	0.000000
1668	-0.000000	1668	0.000000
1669	-0.000000	1669	0.000000
1670	0.000000	1670	0.378912
1671	0.000000	1671	0.282959
1672	0.000000	1672	2.094325
1673	0.000000	1673	0.502284
1674	0.000000	1674	0.000000
1675	17.763893	1675	0.000000
1676	0.000000	1676	1.295908
1677	0.000000	1677	0.000000
1678	0.000000	1678	0.000000

Continua na próxima página

Coordenada x	Valor x	Coordenada z	Valor z
1679	0.000000	1679	0.000000
1680	0.000000	1680	0.000000
1681	0.000000	1681	4.712043
1682	0.000000	1682	3.582150
1683	0.000000	1683	12.109019
1684	15.542897	1684	0.000000
1685	0.000000	1685	39.482387
1686	-0.000000	1686	0.000000
1687	0.000000	1687	7.501548
1688	0.000000	1688	25.449007
1689	0.000000	1689	20.844157
1690	0.000000	1690	46.541062
1691	0.000000	1691	5.817543
1692	0.000000	1692	39.132049
1693	0.740162	1693	0.000000
1694	0.000000	1694	0.000000
1695	0.000000	1695	4.871377
1696	0.000000	1696	3.375211
1697	0.000000	1697	8.338486
1698	0.000000	1698	3.499121
1699	0.000000	1699	0.311712
1700	0.000000	1700	1.403364
1701	0.000000	1701	0.425526
1702	0.000000	1702	0.072038
1703	0.000000	1703	0.122515
1704	0.000000	1704	0.000000
1705	0.000000	1705	0.555348
1706	72.237086	1706	0.000000
1707	0.000000	1707	0.440132
1708	76.972682	1708	0.000000
1709	0.000000	1709	3.406665
1710	0.000000	1710	0.210675
1711	0.000000	1711	0.540876
1712	0.000000	1712	0.005346
1713	41.188601	1713	0.000000
1714	-0.000000	1714	0.000000
1715	0.000000	1715	0.029607
1716	150.422644	1716	0.000000
1717	195.384990	1717	0.000000
1718	0.000000	1718	0.001219
1719	386.844113	1719	0.000000
1720	0.000000	1720	0.468265
1721	0.000000	1721	0.754547
1722	0.000000	1722	0.597353
1723	0.000000	1723	0.247283
1724	0.000000	1724	0.100115
1725	0.000000	1725	0.814360
1726	0.000000	1726	0.000000
1727	0.000000	1727	0.069557

Continua na próxima página

Coordenada x	Valor x	Coordenada z	Valor z
1728	-0.000000	1728	0.000000
1729	0.000000	1729	0.735943
1730	-0.000000	1730	0.000000
1731	-0.000000	1731	0.000000
1732	0.000000	1732	1.638900
1733	-0.000000	1733	0.000000
1734	-0.000000	1734	0.000000
1735	0.000000	1735	8.085508
1736	0.000000	1736	0.008172
1737	0.000000	1737	2.347626
1738	0.000000	1738	0.092598
1739	0.000000	1739	3.510654
1740	0.000000	1740	0.299454
1741	0.000000	1741	0.378912
1742	0.000000	1742	0.282959
1743	0.000000	1743	2.094325
1744	0.000000	1744	0.502284
1745	0.000000	1745	0.000000
1746	0.000000	1746	0.000000
1747	0.000000	1747	1.295908
1748	-0.000000	1748	0.000000
1749	-0.000000	1749	0.000000
1750	-0.000000	1750	0.000000
1751	0.272517	1751	0.000000
1752	0.000000	1752	3.582150
1753	0.000000	1753	0.000000
1754	0.000000	1754	7.501548
1755	0.000000	1755	20.844157
1756	0.000000	1756	0.000000
1757	4.403353	1757	0.000000
1758	0.000000	1758	3.375211
1759	-0.000000	1759	0.000000
1760	68.647002	1760	0.000000
1761	91.694692	1761	0.000000
1762	170.482659	1762	0.000000
1763	-0.000000	1763	0.000000
1764	3.530688	1764	0.000000
1765	-0.000000	1765	0.000000
1766	317.244648	1766	0.000000
1767	-0.000000	1767	0.000000
1768	-0.000000	1768	0.000000
1769	-0.000000	1769	0.000000
1770	-0.000000	1770	0.000000
1771	-0.000000	1771	0.000000
1772	-0.000000	1772	0.000000
1773	25.813150	1773	0.000000
1774	41.791256	1774	0.000000
1775	-0.000000	1775	0.000000
1776	-0.000000	1776	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
1777	0.000000	1777	0.000011
1778	501.091768	1778	0.000000
1779	0.000000	1779	0.239388
1780	0.000000	1780	0.267657
1781	199.541322	1781	0.000000
1782	0.000000	1782	0.013742
1783	0.000000	1783	0.242692
1784	0.000000	1784	0.286948
1785	0.000000	1785	0.298109
1786	0.000000	1786	0.554800
1787	0.000000	1787	0.544155
1788	0.000000	1788	0.829281
1789	-0.000000	1789	0.000000
1790	-0.000000	1790	0.000000
1791	4.389212	1791	0.000000
1792	430.000000	1792	-0.169619
1793	1098.000000	1793	-0.290077
1794	7685.747136	1794	0.000000
1795	-0.000000	1795	0.000000
1796	65.000000	1796	-0.574966
1797	874.959101	1797	0.000000
1798	-0.000000	1798	0.000000
1799	-0.000000	1799	0.000000
1800	801.929653	1800	0.000000
1801	22.000000	1801	-100.042427
1802	2758.000000	1802	-99.089431
1803	345.000000	1803	-99.008652
1804	488.000000	1804	-99.577274
1805	602.000000	1805	-99.577849
1806	733.000000	1806	-99.578424
1807	413.000000	1807	-99.578712
1808	1401.000000	1808	-98.890622
1809	250.000000	1809	-100.000000
1810	224.000000	1810	-99.573260
1811	1.000000	1811	-99.559760
1812	22.000000	1812	-99.098305
1813	473.000000	1813	-97.752292
1814	1.000000	1814	-99.578362
1815	158.000000	1815	-97.738001
1816	74.000000	1816	-99.477157
1817	3.000000	1817	-100.000000
1818	102.000000	1818	-100.000000
1819	159.000000	1819	-99.214291
1820	262.000000	1820	-0.910569
1821	161.000000	1821	-0.422151
1822	39.000000	1822	-1.109378
1823	0.000000	1823	0.386381
1824	0.000000	1824	0.699679
1825	0.000000	1825	0.940000

Continua na próxima página

Coordenada x	Valor x	Coordenada z	Valor z
1826	97.184352	1826	0.000000
1827	0.000000	1827	1.086000
1828	0.000000	1828	3.401034
1829	0.000000	1829	0.610000
1830	0.000000	1830	3.781000
1831	0.000000	1831	1.955000
1832	0.000000	1832	0.388000
1833	95.000000	1833	-0.133244
1834	60.792409	1834	0.000000
1835	102.000000	1835	0.000000
1836	159.000000	1836	0.000000
1837	0.000000	1837	1.132615
1838	93.873890	1838	0.000000
1839	0.000000	1839	0.421785
1840	-0.000000	1840	0.000000
1841	72.237086	1841	0.000000
1842	0.000000	1842	1.013474
1843	-0.000000	1843	0.000000
1844	284.320427	1844	0.000000
1845	0.000000	1845	0.375392
1846	355.612800	1846	0.000000
1847	0.000000	1847	0.422726
1848	0.000000	1848	0.422151
1849	0.000000	1849	0.421576
1850	0.000000	1850	0.421288
1851	-0.000000	1851	0.000000
1852	375.395352	1852	0.000000
1853	0.000000	1853	0.000000
1854	733.000000	1854	0.000000
1855	0.000000	1855	0.804000
1856	-0.000000	1856	0.000000
1857	-0.000000	1857	0.000000
1858	-0.000000	1858	0.000000
1859	-0.000000	1859	0.000000
1860	0.000000	1860	0.035657
1861	0.000000	1861	0.000000
1862	60.792409	1862	0.000000
1863	0.000000	1863	0.200296
1864	0.000000	1864	0.195767
1865	0.000000	1865	0.050017
1866	0.000000	1866	0.081332
1867	224.000000	1867	0.000000
1868	1.000000	1868	0.000000
1869	22.000000	1869	0.000000
1870	89.629420	1870	0.000000
1871	393.573206	1871	0.000000
1872	1.000000	1872	0.000000
1873	120.516513	1873	0.000000
1874	93.000000	1874	0.000000

Continua na próxima página

Coordenada x	Valor x	Coordenada z	Valor z
1875	182.437914	1875	0.000000
1876	14.785477	1876	0.000000
1877	-0.000000	1877	0.000000
1878	-0.000000	1878	0.000000
1879	-0.000000	1879	0.000000
1880	-0.000000	1880	0.000000
1881	-0.000000	1881	0.000000
1882	30.728063	1882	0.000000
1883	378.795746	1883	0.000000
1884	7.078364	1884	0.000000
1885	-0.000000	1885	0.000000
1886	-0.000000	1886	0.000000
1887	-0.000000	1887	0.000000
1888	565.196236	1888	0.000000
1889	-0.000000	1889	0.000000
1890	0.000000	1890	0.239652
1891	-0.000000	1891	0.000000
1892	-0.000000	1892	0.000000
1893	-0.000000	1893	0.000000
1894	-0.000000	1894	0.000000
1895	-0.000000	1895	0.000000
1896	-0.000000	1896	0.000000
1897	77.100209	1897	0.000000
1898	62.458909	1898	0.000000
1899	-0.000000	1899	0.000000
1900	-0.000000	1900	0.000000
1901	-0.000000	1901	0.000000
1902	-0.000000	1902	0.000000
1903	0.000000	1903	0.523027
1904	0.000000	1904	0.594894
1905	0.000000	1905	0.608005
1906	0.000000	1906	0.243106
1907	0.000000	1907	0.258881
1908	0.000000	1908	0.257883
1909	22.000000	1909	0.000000
1910	181.000000	1910	-0.433639
1911	-0.000000	1911	0.000000
1912	-0.000000	1912	0.000000
1913	-0.000000	1913	0.000000
1914	-0.000000	1914	0.000000
1915	-0.000000	1915	0.000000
1916	-0.000000	1916	0.000000
1917	-0.000000	1917	0.000000
1918	0.000000	1918	77.304489
1919	405.000000	1919	0.000000
1920	0.000000	1920	0.066081
1921	0.000000	1921	0.087436
1922	477.000000	1922	0.000000
1923	-0.000000	1923	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
1924	-0.000000	1924	0.000000
1925	-0.000000	1925	0.000000
1926	-0.000000	1926	0.000000
1927	-0.000000	1927	0.000000
1928	774.542153	1928	0.000000
1929	-0.000000	1929	0.000000
1930	-0.000000	1930	0.000000
1931	-0.000000	1931	0.000000
1932	-0.000000	1932	0.000000
1933	345.676844	1933	0.000000
1934	0.000000	1934	28.698454
1935	392.421889	1935	0.000000
1936	-0.000000	1936	0.000000
1937	0.000000	1937	0.009306
1938	-0.000000	1938	0.000000
1939	155.665622	1939	0.000000
1940	-0.000000	1940	0.000000
1941	-0.000000	1941	0.000000
1942	-0.000000	1942	0.000000
1943	331.431647	1943	0.000000
1944	-0.000000	1944	0.000000
1945	0.000000	1945	77.516770
1946	-0.000000	1946	0.000000
1947	-0.000000	1947	0.000000
1948	501.000000	1948	0.000000
1949	-0.000000	1949	0.000000
1950	-0.000000	1950	0.000000
1951	516.623155	1951	0.000000
1952	1224.972001	1952	0.000000
1953	457.071364	1953	0.000000
1954	-0.000000	1954	0.000000
1955	-0.000000	1955	0.000000
1956	-0.000000	1956	0.000000
1957	-0.000000	1957	0.000000
1958	806.563701	1958	0.000000
1959	-0.000000	1959	0.000000
1960	-0.000000	1960	0.000000
1961	0.000000	1961	28.894283
1962	90.312906	1962	0.000000
1963	1072.528870	1963	0.000000
1964	-0.000000	1964	0.000000
1965	134.936983	1965	0.000000
1966	0.000000	1966	0.421785
1967	0.000000	1967	0.000000
1968	0.000000	1968	0.219326
1969	64.789568	1969	0.000000
1970	-0.000000	1970	0.000000
1971	-0.000000	1971	0.000000
1972	0.000000	1972	0.570186

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Coordenada x	Valor x	Coordenada z	Valor z
1973	0.000000	1973	0.628750
1974	0.000000	1974	0.642591
1975	-0.000000	1975	0.000000
1976	0.000000	1976	0.007182
1977	74.200913	1977	0.000000
1978	0.000000	1978	0.061686
1979	-0.000000	1979	0.000000
1980	-0.000000	1980	0.000000
1981	-0.000000	1981	0.000000
1982	659.331274	1982	0.000000
1983	-0.000000	1983	0.000000
1984	-0.000000	1984	0.000000
1985	234.203430	1985	0.000000
1986	-0.000000	1986	0.000000
1987	-0.000000	1987	0.000000
1988	-0.000000	1988	0.000000
1989	-0.000000	1989	0.000000
1990	-0.000000	1990	0.000000
1991	0.000000	1991	3.818959
1992	0.000000	1992	0.915583
1993	0.000000	1993	2.768545
1994	-0.000000	1994	0.000000
1995	-0.000000	1995	0.000000
1996	-0.000000	1996	0.000000
1997	-0.000000	1997	0.000000
1998	-0.000000	1998	0.000000
1999	-0.000000	1999	0.000000
2000	-0.000000	2000	0.000000
2001	-0.000000	2001	0.000000
2002	-0.000000	2002	0.000000
2003	-0.000000	2003	0.000000
2004	-0.000000	2004	0.000000
2005	-0.000000	2005	0.000000
2006	77.000000	2006	0.265925
2007	202.002689	2007	0.000000
2008	61.126453	2008	0.000000
2009	0.000000	2009	6686.057370
2010	0.000000	2010	6687.576514
2011	0.000000	2011	6588.292982
2012	0.000000	2012	6665.696800
2013	314.785477	2013	0.000000
2014	-0.000000	2014	0.000000
2015	0.000000	2015	6588.098145
2016	0.000000	2016	6586.258127
2017	0.000000	2017	6076.347900
2018	0.000000	2018	6968.560598
2019	0.000000	2019	6594.071963
2020	0.000000	2020	6168.049799
2021	0.000000	2021	6.229151

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Coordenada x	Valor x	Coordenada z	Valor z
2022	0.000000	2022	6588.589740
2023	0.000000	2023	6588.579852
2024	0.000000	2024	6580.501360
2025	0.000000	2025	6588.593430
2026	0.000000	2026	6569.187293
2027	0.000000	2027	6583.730552
2028	0.000000	2028	6593.794519
2029	0.000000	2029	6593.695555
2030	0.000000	2030	6593.579918
2031	0.000000	2031	6588.907155
2032	0.000000	2032	6588.632908
2033	0.000000	2033	6686.973013
2034	0.000000	2034	6688.457256
2035	0.000000	2035	0.675370
2036	0.000000	2036	6589.320483
2037	0.000000	2037	6570.261085
2038	0.000000	2038	6568.378335
2039	0.000000	2039	6574.983917
2040	31.000000	2040	5.907876
2041	0.000000	2041	6326.635752
2042	0.000000	2042	6588.778677
2043	0.701721	2043	0.000000
2044	0.000000	2044	0.245196
2045	72.071215	2045	0.000000
2046	0.000000	2046	0.245196
2047	0.000000	2047	1.695779
2048	15.172870	2048	0.000000
2049	1.766649	2049	0.000000
2050	54.622465	2050	0.000000
2051	0.000000	2051	0.083499
2052	67.985850	2052	0.000000
2053	0.000000	2053	9.280095
2054	0.000000	2054	16.969402
2055	0.000000	2055	15.623016
2056	0.000000	2056	135.861445
2057	0.000000	2057	39.068672
2058	0.000000	2058	144.586064
2059	0.000000	2059	15.606186
2060	0.000000	2060	115.720306
2061	0.000000	2061	0.240404
2062	-0.000000	2062	0.000000
2063	0.000000	2063	7.743806
2064	0.000000	2064	51.955693
2065	0.000000	2065	76.871756
2066	0.000000	2066	52.277115
2067	0.000000	2067	81.123010
2068	0.000000	2068	92.372187
2069	0.000000	2069	79.964615
2070	0.000000	2070	142.906670

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Coordenada x	Valor x	Coordenada z	Valor z
2071	0.000000	2071	76.708268
2072	0.000000	2072	127.411614
2073	0.000000	2073	134.237497
2074	0.000000	2074	34.721222
2075	0.000000	2075	30.578705
2076	0.000000	2076	59.028499
2077	0.000000	2077	29.052094
2078	0.000000	2078	49.423687
2079	0.000000	2079	54.366830
2080	0.000000	2080	58.647584
2081	0.000000	2081	45.040033
2082	0.000000	2082	62.729849
2083	0.000000	2083	38.461149
2084	0.000000	2084	270.814454
2085	0.000000	2085	28.448855
2086	0.000000	2086	30.599487
2087	0.000000	2087	314.099013
2088	0.000000	2088	904.905360
2089	0.000000	2089	35.000825
2090	0.000000	2090	23.947974
2091	0.000000	2091	21.063473
2092	0.000000	2092	126.033445
2093	0.000000	2093	53.005715
2094	0.000000	2094	9.012354
2095	0.000000	2095	7.450928
2096	0.000000	2096	6.834090
2097	0.000000	2097	7.692431
2098	0.000000	2098	5.982678
2099	0.000000	2099	13.765908
2100	0.000000	2100	0.608406
2101	2.659576	2101	0.000000
2102	0.000000	2102	3.014655
2103	0.000000	2103	1.685760
2104	0.000000	2104	16.126643
2105	0.000000	2105	2.553551
2106	0.000000	2106	0.591577
2107	28.995454	2107	0.000000
2108	0.000000	2108	7.805856
2109	0.000000	2109	7.496180
2110	100.339459	2110	0.000000
2111	0.000000	2111	7.724718
2112	0.000000	2112	8.576241
2113	0.000000	2113	0.536312
2114	0.000000	2114	1.977710
2115	0.000000	2115	13.253263
2116	0.000000	2116	4.615365
2117	0.000000	2117	6.901237
2118	0.000000	2118	3.285309
2119	0.000000	2119	8.657028

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Coordenada x	Valor x	Coordenada z	Valor z
2120	-0.000000	2120	0.000000
2121	-0.000000	2121	0.000000
2122	0.000000	2122	12.136018
2123	-0.000000	2123	0.000000
2124	0.000000	2124	8.658252
2125	-0.000000	2125	0.000000
2126	-0.000000	2126	0.000000
2127	0.000000	2127	24.751676
2128	-0.000000	2128	0.000000
2129	0.000000	2129	1.293493
2130	0.000000	2130	18.364612
2131	0.000000	2131	2.400974
2132	0.000000	2132	2.119574
2133	0.000000	2133	15.534640
2134	0.000000	2134	16.069991
2135	0.000000	2135	17.804578
2136	0.000000	2136	15.612743
2137	0.000000	2137	15.474461
2138	0.000000	2138	17.134952
2139	0.000000	2139	16.231301
2140	0.000000	2140	16.835338
2141	0.000000	2141	19.296504
2142	0.000000	2142	16.198850
2143	0.000000	2143	16.138217
2144	0.000000	2144	18.037735
2145	-0.000000	2145	0.000000
2146	-0.000000	2146	0.000000
2147	-0.000000	2147	0.000000
2148	-0.000000	2148	0.000000
2149	-0.000000	2149	0.000000
2150	-0.000000	2150	0.000000
2151	-0.000000	2151	0.000000
2152	0.000000	2152	9.780034
2153	0.000000	2153	1.377899
2154	0.000000	2154	242.251074
2155	1.259608	2155	0.000000
2156	0.000000	2156	21.787800
2157	0.000000	2157	0.654141
2158	-0.000000	2158	0.000000
2159	0.000000	2159	273.095888
2160	0.000000	2160	1.033090
2161	0.000000	2161	861.446174
2162	1.629547	2162	0.000000
2163	0.285344	2163	0.000000
2164	-0.000000	2164	0.000000
2165	-0.000000	2165	0.000000
2166	2.803104	2166	0.000000
2167	0.000000	2167	1.197973
2168	0.000000	2168	104.995387

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Coordenada x	Valor x	Coordenada z	Valor z
2169	0.000000	2169	32.553515
2170	0.000000	2170	9.704806
2171	0.000000	2171	7.037196
2172	0.000000	2172	7.413158
2173	0.000000	2173	6.309798
2174	0.000000	2174	0.016830
2175	0.000000	2175	0.883410
2176	0.000000	2176	1.269287
2177	0.000000	2177	1.244495
2178	18.493822	2178	0.000000
2179	0.000000	2179	17.636199
2180	-0.000000	2180	0.000000
2181	15.778280	2181	0.000000
2182	0.000000	2182	0.637579
2183	0.000000	2183	5.971764
2184	0.000000	2184	6.064062
2185	-0.000000	2185	0.000000
2186	0.000000	2186	7.579601
2187	0.000000	2187	9.323600
2188	-0.000000	2188	0.000000
2189	-0.000000	2189	0.000000
2190	0.000000	2190	14.125279
2191	0.000000	2191	4.565800
2192	6.482868	2192	0.000000
2193	0.000000	2193	6.871987
2194	0.000000	2194	0.768379
2195	0.000000	2195	2.763687
2196	0.000000	2196	11.201692
2197	0.000000	2197	3.210006
2198	-0.000000	2198	0.000000
2199	-0.000000	2199	0.000000
2200	0.000000	2200	19.302463
2201	-0.000000	2201	0.000000
2202	-0.000000	2202	0.000000
2203	1.501299	2203	0.000000
2204	0.000000	2204	6.260882
2205	0.000000	2205	4.186683
2206	0.000000	2206	6.775283
2207	0.000000	2207	3.450452
2208	-0.000000	2208	0.000000
2209	-0.000000	2209	0.000000
2210	0.000000	2210	4.827910
2211	-0.000000	2211	0.000000
2212	0.000000	2212	1.464525
2213	0.000000	2213	2.943753
2214	-0.000000	2214	0.000000
2215	-0.000000	2215	0.000000
2216	0.000000	2216	4.704732
2217	0.000000	2217	0.271902

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Coordenada x	Valor x	Coordenada z	Valor z
2218	11.033370	2218	0.000000
2219	-0.000000	2219	0.000000
2220	-0.000000	2220	0.000000
2221	25.709748	2221	0.000000
2222	-0.000000	2222	0.000000
2223	-0.000000	2223	0.000000
2224	-0.000000	2224	0.000000
2225	84.656543	2225	0.000000
2226	9.077513	2226	0.000000
2227	26.603646	2227	0.000000
2228	-0.000000	2228	0.000000
2229	-0.000000	2229	0.000000
2230	0.000000	2230	7.005902
2231	0.000000	2231	10.616537
2232	0.000000	2232	6.290147
2233	0.000000	2233	10.756797
2234	0.000000	2234	5.584888
2235	0.000000	2235	10.714789
2236	0.000000	2236	6.040100
2237	0.000000	2237	10.824147
2238	0.000000	2238	9.994090
2239	0.000000	2239	9.020758
2240	0.000000	2240	14.773766
2241	0.000000	2241	14.971198
2242	5.334116	2242	0.000000
2243	-0.000000	2243	0.000000
2244	13.728993	2244	0.000000
2245	412.453161	2245	0.000000
2246	772.784554	2246	0.000000
2247	43.068430	2247	0.000000
2248	-0.000000	2248	0.000000
2249	-0.000000	2249	0.000000
2250	-0.000000	2250	0.000000
2251	245.133810	2251	0.000000
2252	78.000000	2252	-100.042427
2253	0.000000	2253	4.041681
2254	0.000000	2254	4.212173
2255	364.511909	2255	0.000000
2256	148.970975	2256	0.000000
2257	-0.000000	2257	0.000000
2258	-0.000000	2258	0.000000
2259	42.256268	2259	0.000000
2260	173.501771	2260	0.000000
2261	470.000000	2261	-11.581345
2262	-0.000000	2262	0.000000
2263	340.264983	2263	0.000000
2264	57.000000	2264	0.000000
2265	60.387600	2265	0.000000
2266	-0.000000	2266	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
2267	0.000000	2267	34.477042
2268	-0.000000	2268	0.000000
2269	8.000000	2269	-88.418655
2270	131.000000	2270	-100.000000
2271	74.000000	2271	-88.418655
2272	29.000000	2272	-100.000000
2273	57.000000	2273	-100.000000
2274	0.000000	2274	0.953000
2275	0.000000	2275	1.007000
2276	-0.000000	2276	0.000000
2277	0.000000	2277	0.785000
2278	0.000000	2278	0.549000
2279	0.000000	2279	3.323000
2280	0.000000	2280	1.411000
2281	0.000000	2281	0.291000
2282	334.838963	2282	0.000000
2283	0.000000	2283	0.957878
2284	0.000000	2284	1.470291
2285	37.831828	2285	0.000000
2286	0.121101	2286	0.000000
2287	-0.000000	2287	0.000000
2288	2.659576	2288	0.000000
2289	0.000000	2289	3.056337
2290	-0.000000	2290	0.000000
2291	-0.000000	2291	0.000000
2292	-0.000000	2292	0.000000
2293	0.000000	2293	100.000000
2294	27.497208	2294	0.000000
2295	0.000000	2295	34.477042
2296	0.000000	2296	0.132300
2297	0.000000	2297	0.297700
2298	0.000000	2298	0.887321
2299	15.778280	2299	0.000000
2300	28.995454	2300	0.000000
2301	76.321163	2301	0.000000
2302	4.021369	2302	0.000000
2303	5.935528	2303	0.000000
2304	98.000000	2304	0.000000
2305	190.152265	2305	0.000000
2306	84.838998	2306	0.000000
2307	11.618801	2307	0.000000
2308	0.000000	2308	4.269520
2309	3.505927	2309	0.000000
2310	308.710869	2310	0.000000
2311	0.000000	2311	5.575094
2312	7.799640	2312	0.000000
2313	0.000000	2313	11.460427
2314	8.514473	2314	0.000000
2315	0.000000	2315	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
2316	-0.000000	2316	0.000000
2317	-0.000000	2317	0.000000
2318	45.803934	2318	0.000000
2319	-0.000000	2319	0.000000
2320	-0.000000	2320	0.000000
2321	-0.000000	2321	0.000000
2322	159.759470	2322	0.000000
2323	29.723355	2323	0.000000
2324	39.760344	2324	0.000000
2325	-0.000000	2325	0.000000
2326	-0.000000	2326	0.000000
2327	0.000000	2327	0.631532
2328	0.000000	2328	0.643148
2329	0.000000	2329	0.645794
2330	281.000000	2330	-96.798964
2331	78.000000	2331	0.000000
2332	-0.000000	2332	0.000000
2333	0.000000	2333	1.650912
2334	-0.000000	2334	0.000000
2335	0.000000	2335	0.476565
2336	0.000000	2336	18.118188
2337	0.000000	2337	3.177784
2338	0.000000	2338	0.928837
2339	0.000000	2339	0.668490
2340	-0.000000	2340	0.000000
2341	475.677723	2341	0.000000
2342	0.000000	2342	0.422529
2343	0.000000	2343	16.549838
2344	43.436299	2344	0.000000
2345	0.000000	2345	1.874159
2346	-0.000000	2346	0.000000
2347	88.951784	2347	0.000000
2348	-0.000000	2348	0.000000
2349	-0.000000	2349	0.000000
2350	-0.000000	2350	0.000000
2351	-0.000000	2351	0.000000
2352	0.000000	2352	3.729577
2353	-0.000000	2353	0.000000
2354	-0.000000	2354	0.000000
2355	131.236565	2355	0.000000
2356	-0.000000	2356	0.000000
2357	-0.000000	2357	0.000000
2358	0.000000	2358	49.992593
2359	-0.000000	2359	0.000000
2360	-0.000000	2360	0.000000
2361	-0.000000	2361	0.000000
2362	33.482182	2362	0.000000
2363	0.000000	2363	6.861010
2364	0.000000	2364	6.861010

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Coordenada x	Valor x	Coordenada z	Valor z
2365	0.000000	2365	3.551246
2366	0.000000	2366	3.421973
2367	39.570406	2367	0.000000
2368	-0.000000	2368	0.000000
2369	0.000000	2369	5.274496
2370	0.000000	2370	5.853871
2371	0.000000	2371	5.992921
2372	-0.000000	2372	0.000000
2373	-0.000000	2373	0.000000
2374	-0.000000	2374	0.000000
2375	-0.000000	2375	0.000000
2376	-0.000000	2376	0.000000
2377	-0.000000	2377	0.000000
2378	-0.000000	2378	0.000000
2379	-0.000000	2379	0.000000
2380	-0.000000	2380	0.000000
2381	-0.000000	2381	0.000000
2382	-0.000000	2382	0.000000
2383	-0.000000	2383	0.000000
2384	0.000000	2384	24.492813
2385	0.000000	2385	11.004166
2386	0.000000	2386	28.111561
2387	-0.000000	2387	0.000000
2388	-0.000000	2388	0.000000
2389	-0.000000	2389	0.000000
2390	-0.000000	2390	0.000000
2391	-0.000000	2391	0.000000
2392	-0.000000	2392	0.000000
2393	-0.000000	2393	0.000000
2394	-0.000000	2394	0.000000
2395	-0.000000	2395	0.000000
2396	-0.000000	2396	0.000000
2397	-0.000000	2397	0.000000
2398	-0.000000	2398	0.000000
2399	44.000000	2399	7.100775
2400	58.000000	2400	7.117379
2401	2.867811	2401	0.000000
2402	0.000000	2402	7381.000358
2403	0.000000	2403	7373.309578
2404	0.000000	2404	7482.353731
2405	0.000000	2405	7483.765576
2406	0.000000	2406	0.007536
2407	-0.000000	2407	0.000000
2408	0.000000	2408	42.868310
2409	0.000000	2409	7369.918019
2410	290.000000	2410	-82.469027
2411	0.000000	2411	7369.206054
2412	0.000000	2412	7373.963234
2413	0.000000	2413	7292.046766

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Coordenada x	Valor x	Coordenada z	Valor z
2414	0.000000	2414	7483.232602
2415	0.000000	2415	7244.617873
2416	0.000000	2416	7296.649354
2417	-0.000000	2417	0.000000
2418	0.000000	2418	7133.092490
2419	0.000000	2419	6422.903243
2420	0.000000	2420	7472.671442
2421	50.000000	2421	-100.042427
2422	20.000000	2422	-92.497104
2423	38.000000	2423	-20.569798
2424	20.000000	2424	-116.354780
2425	10.000000	2425	4.106347
2426	23.000000	2426	6.430719
2427	0.000000	2427	373.920469
2428	-0.000000	2428	0.000000
2429	0.000000	2429	92.629692
2430	38.000000	2430	0.000000
2431	20.000000	2431	0.000000
2432	20.000000	2432	0.000000
2433	0.000000	2433	21.814798
2434	0.000000	2434	21.855200
2435	50.000000	2435	-100.042427
2436	18.000000	2436	-1.641411
2437	18.000000	2437	-0.410353
2438	36.000000	2438	-22.599798
2439	18.000000	2439	-18.036780
2440	-0.000000	2440	0.000000
2441	-0.000000	2441	0.000000
2442	-0.000000	2442	0.000000
2443	0.000000	2443	281.991777
2444	-0.000000	2444	0.000000
2445	18.000000	2445	0.000000
2446	18.000000	2446	0.000000
2447	36.000000	2447	0.000000
2448	53.000000	2448	-100.042427
2449	115.000000	2449	98.358589
2450	28.000000	2450	99.589647
2451	0.000000	2451	77.400202
2452	24.000000	2452	40.569890
2453	17.000000	2453	-13.968896
2454	47.000000	2454	6.430719
2455	0.000000	2455	229.371078
2456	0.000000	2456	229.371078
2457	-0.000000	2457	0.000000
2458	-0.000000	2458	0.000000
2459	0.000000	2459	1.191438
2460	80.095295	2460	0.000000
2461	223.436044	2461	0.000000
2462	308.035998	2462	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
2463	197.980402	2463	0.000000
2464	-0.000000	2464	0.000000
2465	0.000000	2465	7013.765243
2466	0.000000	2466	6265.854920
2467	0.000000	2467	6349.228630
2468	0.000000	2468	4830.242465
2469	0.000000	2469	4830.242465
2470	0.000000	2470	5669.939117
2471	0.000000	2471	5669.716409
2472	0.000000	2472	4716.083674
2473	0.000000	2473	4716.083674
2474	0.000000	2474	6924.385776
2475	-0.000000	2475	0.000000
2476	-0.000000	2476	0.000000
2477	-0.000000	2477	0.000000
2478	0.000000	2478	7170.138998
2479	0.000000	2479	7696.034703
2480	0.000000	2480	7978.222642
2481	0.000000	2481	7304.819605
2482	0.000000	2482	7298.406243
2483	0.000000	2483	7529.287284
2484	0.000000	2484	6913.604508
2485	0.000000	2485	7388.193314
2486	0.000000	2486	7619.074355
2487	0.000000	2487	6990.564855
2488	0.000000	2488	7003.391579
2489	0.000000	2489	7195.792447
2490	0.000000	2490	5459.066080
2491	-0.000000	2491	0.000000
2492	0.000000	2492	3644.210812
2493	0.000000	2493	3520.146742
2494	0.000000	2494	6453.966216
2495	0.000000	2495	6272.268283
2496	0.000000	2496	8068.419798
2497	0.000000	2497	7414.656317
2498	0.000000	2498	7522.897865
2499	0.000000	2499	7013.765243
2500	0.000000	2500	6265.854920
2501	0.000000	2501	6349.228630
2502	0.000000	2502	4830.242465
2503	0.000000	2503	4830.242465
2504	0.000000	2504	5669.939117
2505	0.000000	2505	5669.716409
2506	0.000000	2506	9427.027586
2507	0.000000	2507	9427.085966
2508	0.000000	2508	4716.083674
2509	0.000000	2509	4716.083674
2510	0.000000	2510	7813.036287
2511	0.000000	2511	7446.506305

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Coordenada x	Valor x	Coordenada z	Valor z
2512	0.000000	2512	7707.578222
2513	0.000000	2513	8923.955630
2514	0.000000	2514	9261.500032
2515	0.000000	2515	9076.776312
2516	0.000000	2516	6924.385776
2517	0.000000	2517	7612.052347
2518	0.000000	2518	7612.023677
2519	0.000000	2519	7612.017264
2520	0.000000	2520	0.000000
2521	0.000000	2521	0.000000
2522	0.000000	2522	0.000000
2523	0.000000	2523	9299.668369
2524	0.000000	2524	8688.352676
2525	0.000000	2525	8408.140285
2526	0.000000	2526	7170.138998
2527	0.000000	2527	7696.034703
2528	0.000000	2528	7978.222642
2529	0.000000	2529	7304.819605
2530	0.000000	2530	7298.406243
2531	0.000000	2531	7529.287284
2532	0.000000	2532	6913.604508
2533	0.000000	2533	7388.193314
2534	0.000000	2534	7619.074355
2535	0.000000	2535	6990.564855
2536	0.000000	2536	7003.391579
2537	0.000000	2537	7195.792447
2538	0.000000	2538	7949.537501
2539	0.000000	2539	7905.028276
2540	0.000000	2540	5459.066080
2541	-0.000000	2541	0.000000
2542	0.000000	2542	7962.333221
2543	0.000000	2543	8248.831171
2544	0.000000	2544	8287.125614
2545	0.000000	2545	3644.210812
2546	0.000000	2546	3520.146742
2547	0.000000	2547	8255.247870
2548	0.000000	2548	6943.342079
2549	0.000000	2549	6879.717874
2550	0.000000	2550	6453.966216
2551	0.000000	2551	6272.268283
2552	0.000000	2552	4.211981
2553	0.000000	2553	0.006503
2554	114.533464	2554	0.000000
2555	0.000000	2555	0.308914
2556	0.000000	2556	115.779628
2557	0.000000	2557	115.800821
2558	0.000000	2558	0.203971
2559	191.092021	2559	0.000000
2560	-0.000000	2560	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
2561	-0.000000	2561	0.000000
2562	0.000000	2562	1.620837
2563	0.000000	2563	1.638498
2564	0.000000	2564	3.527028
2565	91.167397	2565	0.000000
2566	232.023750	2566	0.000000
2567	29.216838	2567	0.000000
2568	97.278347	2568	0.000000
2569	40.279046	2569	0.000000
2570	0.000000	2570	0.080867
2571	-0.000000	2571	0.000000
2572	-0.000000	2572	0.000000
2573	-0.000000	2573	0.000000
2574	-0.000000	2574	0.000000
2575	-0.000000	2575	0.000000
2576	-0.000000	2576	0.000000
2577	-0.000000	2577	0.000000
2578	-0.000000	2578	0.000000
2579	-0.000000	2579	0.000000
2580	-0.000000	2580	0.000000
2581	-0.000000	2581	0.000000
2582	-0.000000	2582	0.000000
2583	-0.000000	2583	0.000000
2584	-0.000000	2584	0.000000
2585	0.000000	2585	4.314192
2586	231.677279	2586	0.000000
2587	250.964109	2587	0.000000
2588	0.000000	2588	0.239369
2589	0.000000	2589	115.257700
2590	0.000000	2590	1.098909
2591	0.000000	2591	3.616676
2592	0.000000	2592	0.014238
2593	0.000000	2593	0.033010
2594	4.767750	2594	0.000000
2595	0.000000	2595	17.766229
2596	0.000000	2596	4.003770
2597	10.962306	2597	0.000000
2598	205.571830	2598	0.000000
2599	0.000000	2599	19.674895
2600	0.000000	2600	17.766229
2601	-0.000000	2601	0.000000
2602	-0.000000	2602	0.000000
2603	-0.000000	2603	0.000000
2604	-0.000000	2604	0.000000
2605	-0.000000	2605	0.000000
2606	-0.000000	2606	0.000000
2607	-0.000000	2607	0.000000
2608	-0.000000	2608	0.000000
2609	-0.000000	2609	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
2610	-0.000000	2610	0.000000
2611	-0.000000	2611	0.000000
2612	-0.000000	2612	0.000000
2613	-0.000000	2613	0.000000
2614	0.000000	2614	3.316458
2615	0.000000	2615	0.771490
2616	0.000000	2616	31.454252
2617	0.000000	2617	33.457411
2618	0.000000	2618	2.722676
2619	340.538800	2619	0.000000
2620	0.000000	2620	31.901319
2621	0.000000	2621	34.066759
2622	-0.000000	2622	0.000000
2623	3285.000000	2623	-66.928362
2624	20.919381	2624	0.000000
2625	-0.000000	2625	0.000000
2626	189.289094	2626	0.000000
2627	330.000000	2627	-0.793000
2628	-0.000000	2628	0.000000
2629	-0.000000	2629	0.000000
2630	315.289094	2630	0.000000
2631	100.000000	2631	-100.042427
2632	318.459206	2632	0.000000
2633	661.000000	2633	-1.641411
2634	1209.000000	2634	-22.599798
2635	460.000000	2635	-118.036780
2636	87.000000	2636	-98.224750
2637	42.000000	2637	-59.430110
2638	126.000000	2638	-16.269000
2639	0.000000	2639	1.404000
2640	10.000000	2640	-65.648362
2641	0.000000	2641	0.320000
2642	0.000000	2642	1.067000
2643	0.000000	2643	5.305000
2644	140.868465	2644	0.000000
2645	0.000000	2645	4.657000
2646	0.000000	2646	2.696000
2647	0.000000	2647	0.529000
2648	1776.000000	2648	0.000000
2649	979.000000	2649	1.636817
2650	-0.000000	2650	0.000000
2651	0.000000	2651	230.064168
2652	0.000000	2652	230.064168
2653	-0.000000	2653	0.000000
2654	-0.000000	2654	0.000000
2655	0.000000	2655	0.512210
2656	-0.000000	2656	0.000000
2657	191.092021	2657	0.000000
2658	0.000000	2658	84.140512

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Coordenada x	Valor x	Coordenada z	Valor z
2659	0.000000	2659	0.000000
2660	384.797606	2660	0.000000
2661	46.000000	2661	0.000000
2662	0.000000	2662	76.502653
2663	-0.000000	2663	0.000000
2664	46.283380	2664	0.000000
2665	92.748565	2665	0.000000
2666	-0.000000	2666	0.000000
2667	-0.000000	2667	0.000000
2668	721.590862	2668	0.000000
2669	0.000000	2669	0.000000
2670	-0.000000	2670	0.000000
2671	-0.000000	2671	0.000000
2672	-0.000000	2672	0.000000
2673	-0.000000	2673	0.000000
2674	61.171554	2674	0.000000
2675	87.000000	2675	0.000000
2676	66.000000	2676	0.000000
2677	20.651440	2677	0.000000
2678	0.000000	2678	0.657350
2679	17.000000	2679	0.000000
2680	-0.000000	2680	0.000000
2681	0.000000	2681	67.787673
2682	126.000000	2682	0.000000
2683	64.209333	2683	0.000000
2684	0.000000	2684	4.174378
2685	-0.000000	2685	0.000000
2686	0.000000	2686	3.190398
2687	-0.000000	2687	0.000000
2688	-0.000000	2688	0.000000
2689	0.000000	2689	36.173874
2690	0.000000	2690	19.119035
2691	0.000000	2691	22.109829
2692	-0.000000	2692	0.000000
2693	-0.000000	2693	0.000000
2694	0.000000	2694	32.602955
2695	0.000000	2695	51.625838
2696	0.000000	2696	51.180047
2697	-0.000000	2697	0.000000
2698	100.000000	2698	0.000000
2699	0.000000	2699	1.373768
2700	198.510926	2700	0.000000
2701	216.402763	2701	0.000000
2702	0.000000	2702	0.214693
2703	0.000000	2703	1.513708
2704	751.706565	2704	0.000000
2705	0.000000	2705	3.017480
2706	0.000000	2706	5.643230
2707	-0.000000	2707	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
2708	578.788045	2708	0.000000
2709	782.298266	2709	0.000000
2710	-0.000000	2710	0.000000
2711	-0.000000	2711	0.000000
2712	227.293435	2712	0.000000
2713	525.000000	2713	3.191161
2714	15.000000	2714	2.430957
2715	0.000000	2715	0.645830
2716	0.000000	2716	0.645830
2717	9.095383	2717	0.000000
2718	0.000000	2718	0.334050
2719	0.000000	2719	85.222624
2720	0.000000	2720	84.164895
2721	0.000000	2721	7420.179188
2722	0.000000	2722	7420.206231
2723	0.000000	2723	7420.213189
2724	0.000000	2724	40.105237
2725	189.289094	2725	0.000000
2726	0.000000	2726	74.996789
2727	0.000000	2727	70.253732
2728	-0.000000	2728	0.000000
2729	-0.000000	2729	0.000000
2730	-0.000000	2730	0.000000
2731	-0.000000	2731	0.000000
2732	-0.000000	2732	0.000000
2733	-0.000000	2733	0.000000
2734	-0.000000	2734	0.000000
2735	467.131413	2735	0.000000
2736	0.000000	2736	2.525214
2737	0.000000	2737	0.856530
2738	-0.000000	2738	0.000000
2739	0.000000	2739	69.580545
2740	0.000000	2740	69.369652
2741	0.000000	2741	68.851989
2742	0.000000	2742	70.308822
2743	0.000000	2743	69.170765
2744	0.000000	2744	67.518108
2745	0.000000	2745	70.746228
2746	0.000000	2746	69.993245
2747	0.000000	2747	69.656111
2748	0.000000	2748	71.059836
2749	0.000000	2749	69.776194
2750	0.000000	2750	68.335820
2751	0.000000	2751	0.000000
2752	0.000000	2752	0.000000
2753	17.652653	2753	0.000000
2754	0.000000	2754	0.000000
2755	0.000000	2755	6.532091
2756	0.000000	2756	6.532091

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Coordenada x	Valor x	Coordenada z	Valor z
2757	0.000000	2757	0.000000
2758	143.151367	2758	0.000000
2759	0.000000	2759	190.441167
2760	-0.000000	2760	0.000000
2761	0.000000	2761	32.460056
2762	0.000000	2762	47.460406
2763	-0.000000	2763	0.000000
2764	0.000000	2764	-0.000000
2765	0.000000	2765	25.477650
2766	0.000000	2766	25.477650
2767	0.000000	2767	-0.000000
2768	0.000000	2768	-0.000000
2769	0.000000	2769	68.456617
2770	0.000000	2770	42.438050
2771	0.000000	2771	38.270028
2772	0.000000	2772	53.679082
2773	0.000000	2773	53.679082
2774	0.000000	2774	85.886531
2775	0.000000	2775	53.679082
2776	0.000000	2776	50.268881
2777	0.000000	2777	60.625786
2778	0.000000	2778	66.183150
2779	0.000000	2779	52.921259
2780	0.000000	2780	52.794956
2781	0.000000	2781	57.341890
2782	0.000000	2782	45.216732
2783	0.000000	2783	54.563208
2784	0.000000	2784	59.110142
2785	0.000000	2785	46.732377
2786	0.000000	2786	46.984984
2787	0.000000	2787	50.774096
2788	0.000000	2788	54.563208
2789	0.000000	2789	56.710371
2790	0.000000	2790	62.141431
2791	0.000000	2791	59.110142
2792	0.000000	2792	39.785672
2793	0.000000	2793	80.435280
2794	0.000000	2794	110.597225
2795	0.000000	2795	65.114521
2796	0.000000	2796	73.765838
2797	0.000000	2797	52.367245
2798	4.124242	2798	0.000000
2799	0.000000	2799	13.358401
2800	0.000000	2800	0.000000
2801	0.000000	2801	0.000000
2802	0.000000	2802	6.532091
2803	0.000000	2803	6.532091
2804	0.000000	2804	117.043283
2805	0.000000	2805	117.043283

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Coordenada x	Valor x	Coordenada z	Valor z
2806	27.056441	2806	0.000000
2807	0.000000	2807	-0.000000
2808	0.000000	2808	72.273136
2809	0.000000	2809	69.676792
2810	-0.000000	2810	0.000000
2811	0.000000	2811	61.225766
2812	0.000000	2812	70.252322
2813	0.000000	2813	102.246022
2814	0.000000	2814	112.173298
2815	0.000000	2815	106.741392
2816	-0.000000	2816	0.000000
2817	0.000000	2817	65.617660
2818	0.000000	2818	102.807943
2819	0.000000	2819	55.646555
2820	0.000000	2820	90.938679
2821	0.000000	2821	90.938679
2822	0.000000	2822	47.739654
2823	0.000000	2823	90.938679
2824	30.102127	2824	0.000000
2825	-0.000000	2825	0.000000
2826	-0.000000	2826	0.000000
2827	4.482192	2827	0.000000
2828	-0.000000	2828	0.000000
2829	0.000000	2829	104.868321
2830	0.000000	2830	113.297141
2831	0.000000	2831	95.315659
2832	0.000000	2832	87.074146
2833	-0.000000	2833	0.000000
2834	-0.000000	2834	0.000000
2835	-0.000000	2835	0.000000
2836	-0.000000	2836	0.000000
2837	-0.000000	2837	0.000000
2838	-0.000000	2838	0.000000
2839	-0.000000	2839	0.000000
2840	-0.000000	2840	0.000000
2841	36.291475	2841	0.000000
2842	-0.000000	2842	0.000000
2843	-0.000000	2843	0.000000
2844	-0.000000	2844	0.000000
2845	0.000000	2845	52.047718
2846	0.000000	2846	52.047718
2847	0.000000	2847	52.047718
2848	0.000000	2848	1516.193550
2849	0.000000	2849	1725.958101
2850	-0.000000	2850	0.000000
2851	-0.000000	2851	0.000000
2852	0.000000	2852	73.962649
2853	0.000000	2853	1607.460953
2854	0.000000	2854	3342.664779

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Coordenada x	Valor x	Coordenada z	Valor z
2855	0.620800	2855	0.000000
2856	0.046594	2856	0.000000
2857	0.000000	2857	82.578776
2858	0.000000	2858	712.391376
2859	0.000000	2859	831.068891
2860	-0.000000	2860	0.000000
2861	0.000000	2861	3.475717
2862	0.000000	2862	0.484305
2863	0.000000	2863	7.260283
2864	0.000000	2864	12.727379
2865	0.000000	2865	6.313355
2866	0.000000	2866	21.563974
2867	0.000000	2867	21.563974
2868	83.951803	2868	0.000000
2869	0.000000	2869	0.000000
2870	48.180368	2870	0.000000
2871	-0.000000	2871	0.000000
2872	-0.000000	2872	0.000000
2873	0.000000	2873	21.563974
2874	0.000000	2874	21.563974
2875	0.000000	2875	2.805858
2876	0.000000	2876	10.886018
2877	-0.000000	2877	0.000000
2878	129.346567	2878	0.000000
2879	0.000000	2879	3.781957
2880	-0.000000	2880	0.000000
2881	-0.000000	2881	0.000000
2882	-0.000000	2882	0.000000
2883	0.000000	2883	6.264965
2884	-0.000000	2884	0.000000
2885	0.000000	2885	12.214964
2886	0.000000	2886	27.277921
2887	0.000000	2887	27.277921
2888	17.591916	2888	0.000000
2889	0.000000	2889	27.277921
2890	-0.000000	2890	0.000000
2891	4.016019	2891	0.000000
2892	-0.000000	2892	0.000000
2893	-0.000000	2893	0.000000
2894	-0.000000	2894	0.000000
2895	0.000000	2895	24.290814
2896	-0.000000	2896	0.000000
2897	-0.000000	2897	0.000000
2898	-0.000000	2898	0.000000
2899	0.000000	2899	1442.605515
2900	0.000000	2900	1653.681216
2901	-0.000000	2901	0.000000
2902	0.000000	2902	1525.069485
2903	0.000000	2903	3259.149468

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Coordenada x	Valor x	Coordenada z	Valor z
2904	-0.000000	2904	0.000000
2905	0.000000	2905	668.397864
2906	0.000000	2906	788.948450
2907	0.000000	2907	223.177255
2908	0.000000	2908	1004.587945
2909	0.000000	2909	759.027897
2910	0.000000	2910	171.396662
2911	0.000000	2911	223.177255
2912	-0.000000	2912	0.000000
2913	-0.000000	2913	0.000000
2914	-0.000000	2914	0.000000
2915	-0.000000	2915	0.000000
2916	-0.000000	2916	0.000000
2917	-0.000000	2917	0.000000
2918	-0.000000	2918	0.000000
2919	32.251187	2919	0.000000
2920	1.482274	2920	0.000000
2921	-0.000000	2921	0.000000
2922	-0.000000	2922	0.000000
2923	-0.000000	2923	0.000000
2924	-0.000000	2924	0.000000
2925	0.000000	2925	168.854116
2926	0.000000	2926	151.210809
2927	0.000000	2927	357.181088
2928	0.000000	2928	369.742176
2929	0.000000	2929	16.557380
2930	7.890905	2930	0.000000
2931	0.000000	2931	212.521544
2932	0.000000	2932	227.487118
2933	54.000000	2933	-1.204000
2934	930.000000	2934	-0.759000
2935	4.467382	2935	0.000000
2936	10.910880	2936	0.000000
2937	55.000000	2937	-1.079000
2938	160.000000	2938	-191.395658
2939	22.907690	2939	0.000000
2940	30.000000	2940	-177.031892
2941	235.000000	2941	-142.262490
2942	41.000000	2942	-229.394768
2943	5.000000	2943	-25.211744
2944	400.102146	2944	0.000000
2945	7.000000	2945	-1064.482858
2946	7.000000	2946	-14.742755
2947	7.000000	2947	-142.262490
2948	8.000000	2948	-156.288970
2949	44.133981	2949	0.000000
2950	152.125756	2950	0.000000
2951	5385.021556	2951	0.000000
2952	0.000000	2952	1.161000

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Coordenada x	Valor x	Coordenada z	Valor z
2953	0.000000	2953	0.854000
2954	0.000000	2954	1.004979
2955	63.912602	2955	0.000000
2956	17.967320	2956	0.000000
2957	1813.322402	2957	0.000000
2958	0.000000	2958	0.000000
2959	8.829910	2959	0.000000
2960	-0.000000	2960	0.000000
2961	-0.000000	2961	0.000000
2962	0.000000	2962	0.000000
2963	83.951803	2963	0.000000
2964	-0.000000	2964	0.000000
2965	215.916966	2965	0.000000
2966	-0.000000	2966	0.000000
2967	-0.000000	2967	0.000000
2968	113.810543	2968	0.000000
2969	0.000000	2969	190.778289
2970	-0.000000	2970	0.000000
2971	143.810543	2971	0.000000
2972	-0.000000	2972	0.000000
2973	0.000000	2973	0.000000
2974	27.056441	2974	0.000000
2975	-0.000000	2975	0.000000
2976	-0.000000	2976	0.000000
2977	-0.000000	2977	0.000000
2978	32.439798	2978	0.000000
2979	5.000000	2979	0.000000
2980	400.102146	2980	0.000000
2981	9.923666	2981	0.000000
2982	0.000000	2982	1119.734222
2983	7.000000	2983	0.000000
2984	-0.000000	2984	0.000000
2985	7.000000	2985	0.000000
2986	8.000000	2986	0.000000
2987	24.763373	2987	0.000000
2988	-0.000000	2988	0.000000
2989	-0.000000	2989	0.000000
2990	0.000000	2990	36.839584
2991	0.000000	2991	17.264701
2992	0.000000	2992	21.014160
2993	-0.000000	2993	0.000000
2994	-0.000000	2994	0.000000
2995	60.862780	2995	0.000000
2996	4.853550	2996	0.000000
2997	0.000000	2997	4.224646
2998	-0.000000	2998	0.000000
2999	-0.000000	2999	0.000000
3000	0.000000	3000	39.475434
3001	0.000000	3001	5.698132

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Coordenada x	Valor x	Coordenada z	Valor z
3002	0.000000	3002	3.475579
3003	0.000000	3003	6.987034
3004	0.000000	3004	1.807342
3005	-0.000000	3005	0.000000
3006	0.000000	3006	5.273601
3007	0.000000	3007	1.349485
3008	0.000000	3008	4.488942
3009	0.000000	3009	3.535167
3010	0.000000	3010	53.949938
3011	0.000000	3011	3.685774
3012	0.000000	3012	3.462043
3013	65.089446	3013	0.000000
3014	321.073958	3014	0.000000
3015	87.032013	3015	0.000000
3016	-0.000000	3016	0.000000
3017	-0.000000	3017	0.000000
3018	-0.000000	3018	0.000000
3019	317.968896	3019	0.000000
3020	0.000000	3020	4.365274
3021	-0.000000	3021	0.000000
3022	-0.000000	3022	0.000000
3023	-0.000000	3023	0.000000
3024	0.000000	3024	53.524666
3025	-0.000000	3025	0.000000
3026	-0.000000	3026	0.000000
3027	62.056992	3027	0.000000
3028	153.386633	3028	0.000000
3029	75.517818	3029	0.000000
3030	1804.636952	3030	0.000000
3031	8.959363	3031	0.000000
3032	18.930879	3032	0.000000
3033	54.700815	3033	0.000000
3034	4.104540	3034	0.000000
3035	-0.000000	3035	0.000000
3036	0.000000	3036	63.802777
3037	0.000000	3037	60.937922
3038	0.000000	3038	60.250357
3039	-0.000000	3039	0.000000
3040	-0.000000	3040	0.000000
3041	-0.000000	3041	0.000000
3042	-0.000000	3042	0.000000
3043	-0.000000	3043	0.000000
3044	-0.000000	3044	0.000000
3045	-0.000000	3045	0.000000
3046	10.824286	3046	0.000000
3047	0.000000	3047	9.848236
3048	0.000000	3048	2.102082
3049	0.000000	3049	10.924181
3050	0.000000	3050	25.845111

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Coordenada x	Valor x	Coordenada z	Valor z
3051	0.000000	3051	24.201153
3052	0.000000	3052	26.309144
3053	0.000000	3053	27.267165
3054	0.000000	3054	28.524484
3055	0.000000	3055	23.581169
3056	43.050385	3056	0.000000
3057	0.000000	3057	10.009533
3058	0.000000	3058	8.444057
3059	0.000000	3059	10.485334
3060	0.000000	3060	14.908637
3061	0.000000	3061	5.086236
3062	-0.000000	3062	0.000000
3063	0.000000	3063	7486.916912
3064	0.000000	3064	7297.128550
3065	-0.000000	3065	0.000000
3066	0.000000	3066	7339.519698
3067	0.000000	3067	7408.473456
3068	0.000000	3068	0.434022
3069	0.000000	3069	1.774349
3070	0.000000	3070	0.480240
3071	0.000000	3071	1.543258
3072	-0.000000	3072	0.000000
3073	0.000000	3073	0.331959
3074	150.066443	3074	0.000000
3075	126.371742	3075	0.000000
3076	0.000000	3076	0.000000
3077	0.000000	3077	0.054463
3078	0.000000	3078	1.057015
3079	0.000000	3079	0.145359
3080	0.000000	3080	3.668459
3081	0.000000	3081	0.652722
3082	0.000000	3082	1.196199
3083	37.007052	3083	0.000000
3084	21.764424	3084	0.000000
3085	39.277250	3085	0.000000
3086	0.000000	3086	0.000000
3087	271.030924	3087	0.000000
3088	0.000000	3088	0.162740
3089	0.000000	3089	2.798528
3090	46.676004	3090	0.000000
3091	0.000000	3091	2.975899
3092	0.000000	3092	0.448127
3093	12.627802	3093	0.000000
3094	0.000000	3094	1.251223
3095	0.000000	3095	1.131766
3096	0.000000	3096	0.273170
3097	0.000000	3097	1.829371
3098	0.000000	3098	2.717777
3099	0.000000	3099	81.306780

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Coordenada x	Valor x	Coordenada z	Valor z
3100	0.000000	3100	1.743531
3101	0.000000	3101	7.833017
3102	0.000000	3102	18.922536
3103	0.000000	3103	1026.011758
3104	0.000000	3104	0.462289
3105	0.000000	3105	3.977232
3106	0.000000	3106	546.314169
3107	0.000000	3107	3.886470
3108	0.000000	3108	12.750288
3109	0.000000	3109	0.129285
3110	0.000000	3110	11.726163
3111	0.000000	3111	52.609985
3112	0.000000	3112	0.376057
3113	0.000000	3113	5.110788
3114	0.000000	3114	23.453016
3115	0.000000	3115	11.670275
3116	0.000000	3116	0.389143
3117	0.000000	3117	2.957310
3118	0.000000	3118	0.557544
3119	-0.000000	3119	0.000000
3120	-0.000000	3120	0.000000
3121	-0.000000	3121	0.000000
3122	-0.000000	3122	0.000000
3123	-0.000000	3123	0.000000
3124	0.000000	3124	0.000000
3125	-0.000000	3125	0.000000
3126	0.000000	3126	6.111276
3127	0.000000	3127	7.891210
3128	0.000000	3128	9.770095
3129	0.000000	3129	6.063794
3130	0.000000	3130	7.448920
3131	0.000000	3131	7.616333
3132	-0.000000	3132	0.000000
3133	-0.000000	3133	0.000000
3134	-0.000000	3134	0.000000
3135	-0.000000	3135	0.000000
3136	-0.000000	3136	0.000000
3137	-0.000000	3137	0.000000
3138	0.000000	3138	17.148058
3139	0.000000	3139	23.449919
3140	0.000000	3140	2.510736
3141	0.000000	3141	11.769905
3142	0.000000	3142	17.470064
3143	0.000000	3143	2.274037
3144	-0.000000	3144	0.000000
3145	0.000000	3145	0.025520
3146	0.000000	3146	0.079984
3147	0.000000	3147	3.815869
3148	0.000000	3148	3.319702

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Coordenada x	Valor x	Coordenada z	Valor z
3149	0.000000	3149	2.925668
3150	0.000000	3150	1.082535
3151	0.000000	3151	0.170880
3152	0.000000	3152	3.693979
3153	0.000000	3153	3.898275
3154	0.000000	3154	0.678242
3155	0.000000	3155	1.221719
3156	0.000000	3156	0.025520
3157	0.000000	3157	0.025520
3158	0.000000	3158	0.025520
3159	0.000000	3159	0.025520
3160	0.000000	3160	0.025520
3161	0.000000	3161	0.188260
3162	0.000000	3162	2.824049
3163	0.000000	3163	8.651388
3164	0.000000	3164	7.461773
3165	0.000000	3165	14.828779
3166	0.000000	3166	240.469162
3167	0.000000	3167	0.025520
3168	0.000000	3168	3.101917
3169	0.000000	3169	3.300045
3170	0.000000	3170	3.001419
3171	0.000000	3171	3.670882
3172	0.000000	3172	9.529552
3173	0.000000	3173	0.473647
3174	0.000000	3174	10.786273
3175	0.000000	3175	7.578676
3176	0.000000	3176	0.025520
3177	0.000000	3177	1.276743
3178	0.000000	3178	1.157287
3179	0.000000	3179	7.377891
3180	0.000000	3180	0.298690
3181	0.000000	3181	1.854891
3182	0.000000	3182	126.919244
3183	0.000000	3183	5.061651
3184	0.000000	3184	2.743297
3185	0.000000	3185	18.088363
3186	0.000000	3186	1025.202272
3187	0.000000	3187	3.052297
3188	0.000000	3188	545.542440
3189	0.000000	3189	3.052297
3190	0.000000	3190	81.332300
3191	0.000000	3191	6.347702
3192	0.000000	3192	11.803570
3193	0.000000	3193	3.052297
3194	0.000000	3194	1.769052
3195	0.000000	3195	7.858537
3196	0.000000	3196	18.948056
3197	0.000000	3197	1026.037278

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Coordenada x	Valor x	Coordenada z	Valor z
3198	0.000000	3198	0.487809
3199	0.000000	3199	4.002752
3200	0.000000	3200	546.339689
3201	0.000000	3201	3.911991
3202	0.000000	3202	12.775808
3203	0.000000	3203	0.154806
3204	0.000000	3204	11.751683
3205	0.000000	3205	52.635506
3206	0.000000	3206	4.168306
3207	0.000000	3207	9.150690
3208	0.000000	3208	0.401578
3209	0.000000	3209	25.898895
3210	0.000000	3210	111.527327
3211	0.000000	3211	5.136308
3212	0.000000	3212	23.478536
3213	0.000000	3213	11.695795
3214	0.000000	3214	3.504903
3215	0.000000	3215	16.384507
3216	0.000000	3216	0.414664
3217	0.000000	3217	2.982830
3218	0.000000	3218	0.583064
3219	0.000000	3219	0.025520
3220	0.000000	3220	0.025520
3221	0.000000	3221	0.025520
3222	0.000000	3222	0.025520
3223	0.000000	3223	0.025520
3224	0.000000	3224	0.025520
3225	0.000000	3225	0.025520
3226	0.000000	3226	6.136796
3227	0.000000	3227	7.916730
3228	0.000000	3228	9.795615
3229	0.000000	3229	6.089314
3230	0.000000	3230	7.474441
3231	0.000000	3231	7.641853
3232	0.000000	3232	0.025520
3233	0.000000	3233	0.025520
3234	0.000000	3234	0.025520
3235	0.000000	3235	0.025520
3236	0.000000	3236	0.025520
3237	0.000000	3237	2.437018
3238	0.000000	3238	2.466790
3239	0.000000	3239	2.437018
3240	0.000000	3240	2.446942
3241	0.000000	3241	0.025520
3242	0.000000	3242	35.611914
3243	0.000000	3243	2.437018
3244	0.000000	3244	2.437018
3245	0.000000	3245	3.287717
3246	0.000000	3246	17.173578

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Coordenada x	Valor x	Coordenada z	Valor z
3247	0.000000	3247	11.464504
3248	0.000000	3248	23.475439
3249	0.000000	3249	2.536257
3250	0.000000	3250	1.940825
3251	0.000000	3251	11.795425
3252	0.000000	3252	7.939474
3253	0.000000	3253	17.495584
3254	0.000000	3254	2.299558
3255	0.000000	3255	0.025520
3256	0.000000	3256	0.386465
3257	0.000000	3257	0.872760
3258	0.000000	3258	0.200858
3259	0.000000	3259	2.036841
3260	0.000000	3260	1.488579
3261	0.000000	3261	1.488579
3262	65.137475	3262	0.000000
3263	57.910027	3263	0.000000
3264	-0.000000	3264	0.000000
3265	0.000000	3265	2.770791
3266	0.000000	3266	1.581176
3267	0.000000	3267	9.831405
3268	0.000000	3268	234.588564
3269	321.556824	3269	0.000000
3270	0.000000	3270	0.793560
3271	0.000000	3271	0.187294
3272	0.000000	3272	0.737671
3273	0.000000	3273	4.432939
3274	0.000000	3274	5.163695
3275	0.000000	3275	1.995794
3276	0.000000	3276	2.043106
3277	0.000000	3277	121.038647
3278	0.000000	3278	3.329227
3279	0.000000	3279	15.036065
3280	0.000000	3280	1022.149975
3281	1.470542	3281	0.000000
3282	0.000000	3282	542.490142
3283	2.757849	3283	0.000000
3284	0.000000	3284	4.456496
3285	0.000000	3285	8.751273
3286	-0.000000	3286	0.000000
3287	0.000000	3287	49.136635
3288	0.000000	3288	1.929765
3289	0.000000	3289	3.468569
3290	0.000000	3290	21.169466
3291	0.000000	3291	107.601729
3292	-0.000000	3292	0.000000
3293	0.000000	3293	6.232000
3294	0.000000	3294	0.968647
3295	0.000000	3295	12.091728

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Coordenada x	Valor x	Coordenada z	Valor z
3296	-0.000000	3296	0.000000
3297	-0.000000	3297	0.000000
3298	-0.000000	3298	0.000000
3299	-0.000000	3299	0.000000
3300	-0.000000	3300	0.000000
3301	0.000000	3301	33.174896
3302	-0.000000	3302	0.000000
3303	-0.000000	3303	0.000000
3304	0.000000	3304	0.265191
3305	0.000000	3305	14.151052
3306	0.000000	3306	8.838932
3307	0.000000	3307	20.849868
3308	1.940662	3308	0.000000
3309	1.226621	3309	0.000000
3310	0.000000	3310	9.854600
3311	0.000000	3311	5.849791
3312	0.000000	3312	15.405901
3313	0.000000	3313	0.259494
3314	0.000000	3314	3.790349
3315	0.000000	3315	3.294181
3316	0.000000	3316	2.900148
3317	0.000000	3317	3.872755
3318	-0.000000	3318	0.000000
3319	0.000000	3319	0.000000
3320	-0.000000	3320	0.000000
3321	0.000000	3321	0.000000
3322	0.000000	3322	2.798528
3323	0.000000	3323	8.625868
3324	0.000000	3324	7.436253
3325	0.000000	3325	14.803258
3326	0.000000	3326	240.443641
3327	0.000000	3327	3.076396
3328	0.000000	3328	3.274524
3329	0.000000	3329	2.975899
3330	0.000000	3330	3.645362
3331	0.000000	3331	9.504032
3332	0.000000	3332	10.760752
3333	0.000000	3333	7.553155
3334	0.000000	3334	7.352371
3335	0.000000	3335	126.893724
3336	0.000000	3336	5.036131
3337	0.000000	3337	18.062843
3338	0.000000	3338	1025.176752
3339	0.000000	3339	3.026777
3340	0.000000	3340	545.516919
3341	0.000000	3341	3.026777
3342	0.000000	3342	6.322181
3343	0.000000	3343	11.778050
3344	0.000000	3344	3.026777

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Coordenada x	Valor x	Coordenada z	Valor z
3345	0.000000	3345	52.609985
3346	0.000000	3346	4.142785
3347	0.000000	3347	9.125169
3348	0.000000	3348	25.873375
3349	0.000000	3349	111.501806
3350	0.000000	3350	5.110788
3351	0.000000	3351	11.670275
3352	0.000000	3352	3.479383
3353	0.000000	3353	16.358987
3354	0.000000	3354	2.957310
3355	0.000000	3355	2.411498
3356	0.000000	3356	2.441269
3357	0.000000	3357	2.411498
3358	0.000000	3358	2.421422
3359	0.000000	3359	35.586394
3360	0.000000	3360	2.411498
3361	0.000000	3361	2.411498
3362	0.000000	3362	3.262197
3363	0.000000	3363	17.148058
3364	0.000000	3364	11.438983
3365	0.000000	3365	23.449919
3366	0.000000	3366	2.510736
3367	0.000000	3367	1.915305
3368	0.000000	3368	11.769905
3369	0.000000	3369	7.913954
3370	0.000000	3370	17.470064
3371	0.000000	3371	2.274037
3372	-0.000000	3372	0.000000
3373	-0.000000	3373	0.000000
3374	-0.000000	3374	0.000000
3375	-0.000000	3375	0.000000
3376	0.000000	3376	1.168062
3377	14.219787	3377	0.000000
3378	53.677625	3378	0.000000
3379	15.977767	3379	0.000000
3380	-0.000000	3380	0.000000
3381	-0.000000	3381	0.000000
3382	-0.000000	3382	0.000000
3383	-0.000000	3383	0.000000
3384	-0.000000	3384	0.000000
3385	-0.000000	3385	0.000000
3386	-0.000000	3386	0.000000
3387	-0.000000	3387	0.000000
3388	0.000000	3388	0.761596
3389	12.186217	3389	0.000000
3390	-0.000000	3390	0.000000
3391	-0.000000	3391	0.000000
3392	13.100997	3392	0.000000
3393	-0.000000	3393	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
3394	-0.000000	3394	0.000000
3395	-0.000000	3395	0.000000
3396	-0.000000	3396	0.000000
3397	40.103987	3397	0.000000
3398	0.681456	3398	0.000000
3399	0.000000	3399	0.077051
3400	46.164355	3400	0.000000
3401	0.000000	3401	0.071091
3402	0.000000	3402	0.213964
3403	25.715952	3403	0.000000
3404	0.000000	3404	0.037052
3405	20.018552	3405	0.000000
3406	0.000000	3406	0.264158
3407	-0.000000	3407	0.000000
3408	5.569073	3408	0.000000
3409	-0.000000	3409	0.000000
3410	-0.000000	3410	0.000000
3411	-0.000000	3411	0.000000
3412	0.000000	3412	2.824263
3413	0.000000	3413	2.875408
3414	0.000000	3414	2.328992
3415	0.000000	3415	6.423657
3416	-0.000000	3416	0.000000
3417	162.477866	3417	0.000000
3418	1738.000000	3418	-6.974349
3419	-0.000000	3419	0.000000
3420	-0.000000	3420	0.000000
3421	30.943146	3421	0.000000
3422	111.791467	3422	0.000000
3423	-0.000000	3423	0.000000
3424	124.834660	3424	0.000000
3425	9.000000	3425	-67.235026
3426	1697.000000	3426	-92.809224
3427	463.000000	3427	-92.587033
3428	540.000000	3428	-92.318719
3429	689.000000	3429	-92.344240
3430	452.000000	3430	-90.085851
3431	91.000000	3431	-92.428079
3432	2469.000000	3432	-92.688386
3433	190.000000	3433	-94.126124
3434	32.000000	3434	-92.879616
3435	49.000000	3435	-95.363048
3436	86.000000	3436	-93.795971
3437	1.000000	3437	-93.069238
3438	124.000000	3438	-86.474162
3439	75.000000	3439	-91.770805
3440	4.000000	3440	-90.526007
3441	4.000000	3441	-92.334031
3442	104.000000	3442	-92.635984

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Coordenada x	Valor x	Coordenada z	Valor z
3443	16.000000	3443	-7.190776
3444	17.000000	3444	-7.692919
3445	17.000000	3445	-7.311614
3446	5.000000	3446	-7.190776
3447	25.000000	3447	-7.655760
3448	0.000000	3448	3.700000
3449	0.000000	3449	1.858000
3450	0.000000	3450	-20.187409
3451	-0.000000	3451	0.000000
3452	0.000000	3452	1.088000
3453	0.000000	3453	4.590000
3454	-0.000000	3454	0.000000
3455	0.000000	3455	1.137000
3456	0.000000	3456	0.921000
3457	-0.000000	3457	0.000000
3458	0.000000	3458	2.792000
3459	0.000000	3459	0.435000
3460	1081.000000	3460	-1.478744
3461	0.000000	3461	0.521256
3462	-0.000000	3462	0.000000
3463	185.000000	3463	-0.822048
3464	0.000000	3464	0.279952
3465	4.000000	3465	0.000000
3466	104.000000	3466	0.000000
3467	-0.000000	3467	0.000000
3468	-0.000000	3468	0.000000
3469	0.000000	3469	0.000000
3470	37.007052	3470	0.000000
3471	21.764424	3471	0.000000
3472	0.000000	3472	18.983698
3473	0.000000	3473	1026.097607
3474	0.000000	3474	3.947632
3475	0.000000	3475	546.437775
3476	0.000000	3476	3.947632
3477	0.000000	3477	12.698905
3478	0.000000	3478	0.000000
3479	104.414725	3479	0.000000
3480	57.910027	3480	0.000000
3481	56.502105	3481	0.000000
3482	0.000000	3482	1.808025
3483	0.000000	3483	25.693053
3484	-0.000000	3484	0.000000
3485	0.000000	3485	0.018988
3486	23.831609	3486	0.000000
3487	0.000000	3487	0.018988
3488	0.000000	3488	0.000000
3489	0.000000	3489	0.363469
3490	0.000000	3490	0.000000
3491	-0.000000	3491	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
3492	0.000000	3492	0.331959
3493	0.000000	3493	1.832325
3494	0.000000	3494	2.193474
3495	0.000000	3495	2.440084
3496	0.000000	3496	2.329145
3497	0.000000	3497	2.061601
3498	0.000000	3498	0.000000
3499	190.000000	3499	0.000000
3500	8.943324	3500	0.000000
3501	0.000000	3501	1.057015
3502	0.000000	3502	0.145359
3503	-0.000000	3503	0.000000
3504	0.000000	3504	1.131766
3505	0.000000	3505	1.829371
3506	0.000000	3506	1.743531
3507	0.000000	3507	0.462289
3508	0.000000	3508	11.726163
3509	0.000000	3509	5.110788
3510	0.000000	3510	23.453016
3511	0.000000	3511	0.389143
3512	3.684478	3512	0.000000
3513	0.000000	3513	0.083882
3514	0.000000	3514	7.450888
3515	0.000000	3515	3.408382
3516	0.000000	3516	0.200785
3517	19.272179	3517	0.000000
3518	0.000000	3518	0.480646
3519	-0.000000	3519	0.000000
3520	0.000000	3520	18.521004
3521	0.000000	3521	4.317904
3522	0.000000	3522	9.006617
3523	32.000000	3523	0.000000
3524	0.000000	3524	2.500471
3525	0.000000	3525	1.125076
3526	8.093611	3526	0.000000
3527	77.906389	3527	0.000000
3528	52.480542	3528	0.000000
3529	-0.000000	3529	0.000000
3530	0.000000	3530	0.000182
3531	75.000000	3531	0.000000
3532	10.884987	3532	0.000000
3533	18.625187	3533	0.000000
3534	75.000000	3534	0.000000
3535	5.609781	3535	0.000000
3536	6.487891	3536	0.000000
3537	7.127114	3537	0.000000
3538	-0.000000	3538	0.000000
3539	-0.000000	3539	0.000000
3540	-0.000000	3540	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
3541	-0.000000	3541	0.000000
3542	-0.000000	3542	0.000000
3543	-0.000000	3543	0.000000
3544	-0.000000	3544	0.000000
3545	28.539150	3545	0.000000
3546	21.295510	3546	0.000000
3547	-0.000000	3547	0.000000
3548	-0.000000	3548	0.000000
3549	-0.000000	3549	0.000000
3550	-0.000000	3550	0.000000
3551	73.381889	3551	0.000000
3552	12.678170	3552	0.000000
3553	0.000000	3553	0.093764
3554	-0.000000	3554	0.000000
3555	-0.000000	3555	0.000000
3556	0.000000	3556	0.080762
3557	0.000000	3557	0.019617
3558	0.000000	3558	0.006576
3559	21.295510	3559	0.000000
3560	0.000000	3560	81.672884
3561	0.000000	3561	19.288639
3562	0.000000	3562	1026.207009
3563	0.000000	3563	7.804733
3564	0.000000	3564	546.624942
3565	-0.000000	3565	0.000000
3566	0.000000	3566	16.577789
3567	26.000000	3567	-5.954004
3568	-0.000000	3568	0.000000
3569	186.829719	3569	0.000000
3570	-0.000000	3570	0.000000
3571	103.528304	3571	0.000000
3572	-0.000000	3572	0.000000
3573	-0.000000	3573	0.000000
3574	42.673039	3574	0.000000
3575	-0.000000	3575	0.000000
3576	511.917447	3576	0.000000
3577	-0.000000	3577	0.000000
3578	683.058934	3578	0.000000
3579	-0.000000	3579	0.000000
3580	-0.000000	3580	0.000000
3581	-0.000000	3581	0.000000
3582	-0.000000	3582	0.000000
3583	-0.000000	3583	0.000000
3584	97.619953	3584	0.000000
3585	-0.000000	3585	0.000000
3586	-0.000000	3586	0.000000
3587	0.000000	3587	0.033290
3588	47.462601	3588	0.000000
3589	-0.000000	3589	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
3590	64.910003	3590	0.000000
3591	-0.000000	3591	0.000000
3592	-0.000000	3592	0.000000
3593	-0.000000	3593	0.000000
3594	-0.000000	3594	0.000000
3595	0.000000	3595	210.962005
3596	0.000000	3596	1.910617
3597	0.000000	3597	1.515317
3598	-0.000000	3598	0.000000
3599	-0.000000	3599	0.000000
3600	-0.000000	3600	0.000000
3601	-0.000000	3601	0.000000
3602	-0.000000	3602	0.000000
3603	-0.000000	3603	0.000000
3604	-0.000000	3604	0.000000
3605	-0.000000	3605	0.000000
3606	0.000000	3606	0.587003
3607	0.000000	3607	0.699696
3608	0.000000	3608	0.891953
3609	-0.000000	3609	0.000000
3610	0.000000	3610	0.481704
3611	-0.000000	3611	0.000000
3612	11.670966	3612	0.000000
3613	-0.000000	3613	0.000000
3614	19.272179	3614	0.000000
3615	-0.000000	3615	0.000000
3616	-0.000000	3616	0.000000
3617	-0.000000	3617	0.000000
3618	-0.000000	3618	0.000000
3619	-0.000000	3619	0.000000
3620	-0.000000	3620	0.000000
3621	-0.000000	3621	0.000000
3622	61.307245	3622	0.000000
3623	-0.000000	3623	0.000000
3624	-0.000000	3624	0.000000
3625	23.831609	3625	0.000000
3626	31.020448	3626	0.000000
3627	-0.000000	3627	0.000000
3628	0.000000	3628	0.911970
3629	0.000000	3629	12.235839
3630	-0.000000	3630	0.000000
3631	0.000000	3631	8.594851
3632	0.000000	3632	10.638252
3633	-0.000000	3633	0.000000
3634	-0.000000	3634	0.000000
3635	0.000000	3635	10.113162
3636	0.000000	3636	7.944474
3637	0.000000	3637	7.305422
3638	0.000000	3638	7.010221

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Coordenada x	Valor x	Coordenada z	Valor z
3639	0.000000	3639	7.123780
3640	0.000000	3640	7.278828
3641	0.000000	3641	7.732362
3642	-0.000000	3642	0.000000
3643	0.000000	3643	2.106561
3644	0.000000	3644	0.735471
3645	0.000000	3645	0.461259
3646	0.000000	3646	2.125206
3647	0.000000	3647	1.311619
3648	73.246082	3648	0.000000
3649	30.000000	3649	107.074001
3650	0.000000	3650	1.394849
3651	37.000000	3651	48.926052
3652	-0.000000	3652	0.000000
3653	-0.000000	3653	0.000000
3654	-0.000000	3654	0.000000
3655	-0.000000	3655	0.000000
3656	-0.000000	3656	0.000000
3657	-0.000000	3657	0.000000
3658	-0.000000	3658	0.000000
3659	27.189839	3659	0.000000
3660	-0.000000	3660	0.000000
3661	51.447356	3661	0.000000
3662	-0.000000	3662	0.000000
3663	-0.000000	3663	0.000000
3664	-0.000000	3664	0.000000
3665	-0.000000	3665	0.000000
3666	23.168032	3666	0.000000
3667	-0.000000	3667	0.000000
3668	-0.000000	3668	0.000000
3669	-0.000000	3669	0.000000
3670	-0.000000	3670	0.000000
3671	-0.000000	3671	0.000000
3672	-0.000000	3672	0.000000
3673	-0.000000	3673	0.000000
3674	-0.000000	3674	0.000000
3675	-0.000000	3675	0.000000
3676	0.000000	3676	4.802354
3677	-0.000000	3677	0.000000
3678	19.354299	3678	0.000000
3679	-0.000000	3679	0.000000
3680	-0.000000	3680	0.000000
3681	-0.000000	3681	0.000000
3682	-0.000000	3682	0.000000
3683	-0.000000	3683	0.000000
3684	0.000000	3684	1.629854
3685	0.000000	3685	0.576422
3686	410.785402	3686	0.000000
3687	20.013296	3687	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
3688	1742.723355	3688	0.000000
3689	0.000000	3689	92.735966
3690	0.000000	3690	93.817334
3691	0.000000	3691	7387.296446
3692	0.000000	3692	7464.809178
3693	0.000000	3693	-6.229151
3694	0.000000	3694	17582.144055
3695	0.000000	3695	17583.026273
3696	0.000000	3696	17070.564359
3697	0.000000	3697	374.914412
3698	-0.000000	3698	0.000000
3699	0.000000	3699	6966.691894
3700	-0.000000	3700	0.000000
3701	0.000000	3701	17582.320608
3702	0.000000	3702	17576.969022
3703	0.000000	3703	17582.505834
3704	0.000000	3704	17577.325770
3705	0.000000	3705	17576.437134
3706	1264.923122	3706	0.000000
3707	137.755851	3707	0.000000
3708	0.000000	3708	7355.107826
3709	0.000000	3709	7365.729483
3710	0.000000	3710	7377.806129
3711	0.000000	3711	7380.314357
3712	454.448882	3712	0.000000
3713	0.000000	3713	17583.786667
3714	49.000000	3714	0.000000
3715	0.000000	3715	17580.121087
3716	0.000000	3716	17582.405851
3717	31.000000	3717	-24.891026
3718	0.000000	3718	17584.443715
3719	0.000000	3719	0.617118
3720	0.000000	3720	0.143350
3721	0.000000	3721	7392.608211
3722	0.000000	3722	7392.741233
3723	0.000000	3723	2.657714
3724	0.000000	3724	17587.877464
3725	0.000000	3725	17590.492067
3726	0.000000	3726	17584.272346
3727	0.000000	3727	0.468951
3728	-0.000000	3728	0.000000
3729	0.000000	3729	7392.467219
3730	0.000000	3730	7392.559690
3731	0.000000	3731	2.566495
3732	50.000000	3732	-6.229151
3733	0.000000	3733	17587.779456
3734	0.000000	3734	17590.471927
3735	0.000000	3735	17579.293781
3736	0.000000	3736	93.544503

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Coordenada x	Valor x	Coordenada z	Valor z
3737	0.000000	3737	94.595127
3738	-0.000000	3738	0.000000
3739	0.000000	3739	533.059320
3740	50.716842	3740	0.000000
3741	0.000000	3741	-0.279522
3742	0.000000	3742	17565.047789
3743	0.000000	3743	17569.099526
3744	0.000000	3744	0.470319
3745	0.000000	3745	0.470790
3746	155.745385	3746	0.000000
3747	697.901263	3747	0.000000
3748	97.344000	3748	0.000000
3749	0.000000	3749	0.323145
3750	0.000000	3750	17676.476065
3751	0.000000	3751	17291.361023
3752	34.715476	3752	0.000000
3753	30.244149	3753	0.000000
3754	0.000000	3754	7100.147730
3755	0.000000	3755	7100.166499
3756	0.000000	3756	7483.925877
3757	0.000000	3757	7486.522105
3758	2.110388	3758	0.000000
3759	25.000000	3759	59.520849
3760	0.000000	3760	17602.912029
3761	-0.000000	3761	0.000000
3762	678.142018	3762	0.000000
3763	120.911224	3763	0.000000
3764	1908.319022	3764	0.000000
3765	0.000000	3765	0.217375
3766	0.000000	3766	0.203468
3767	0.000000	3767	0.203468
3768	278.508551	3768	0.000000
3769	327.542864	3769	0.000000
3770	0.000000	3770	0.129195
3771	0.000000	3771	0.187170
3772	0.000000	3772	0.121759
3773	0.000000	3773	0.139131
3774	0.000000	3774	3.397842
3775	24.429896	3775	0.000000
3776	0.000000	3776	0.582975
3777	0.000000	3777	0.741381
3778	0.000000	3778	0.113589
3779	0.000000	3779	0.012550
3780	0.000000	3780	0.125400
3781	0.000000	3781	0.137739
3782	0.000000	3782	0.100228
3783	0.000000	3783	0.129395
3784	0.000000	3784	9.689313
3785	67.599456	3785	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
3786	0.000000	3786	0.019202
3787	0.000000	3787	0.303310
3788	0.000000	3788	0.132127
3789	0.000000	3789	0.950324
3790	0.000000	3790	0.140156
3791	0.000000	3791	1.743281
3792	26.294000	3792	0.000000
3793	0.000000	3793	28.151628
3794	0.000000	3794	1.038226
3795	0.000000	3795	0.035726
3796	0.000000	3796	0.919898
3797	0.000000	3797	1007.484005
3798	0.000000	3798	0.290661
3799	0.000000	3799	24.218966
3800	0.000000	3800	521.689917
3801	0.000000	3801	0.668035
3802	0.000000	3802	14.944355
3803	0.000000	3803	0.136987
3804	0.000000	3804	0.032331
3805	0.000000	3805	69.273826
3806	0.000000	3806	10.464936
3807	0.000000	3807	50.151042
3808	0.000000	3808	0.163886
3809	0.000000	3809	21.706193
3810	63.176017	3810	0.000000
3811	0.000000	3811	0.880420
3812	131.332280	3812	0.000000
3813	-0.000000	3813	0.000000
3814	0.000000	3814	0.381004
3815	-0.000000	3815	0.000000
3816	-0.000000	3816	0.000000
3817	-0.000000	3817	0.000000
3818	-0.000000	3818	0.000000
3819	-0.000000	3819	0.000000
3820	0.000000	3820	0.171376
3821	-0.000000	3821	0.000000
3822	0.000000	3822	1.529819
3823	0.000000	3823	1.886491
3824	0.000000	3824	2.266581
3825	0.000000	3825	1.525195
3826	0.000000	3826	1.796763
3827	0.000000	3827	1.834211
3828	0.000000	3828	0.360876
3829	0.000000	3829	8.697304
3830	-0.000000	3830	0.000000
3831	0.000000	3831	0.001256
3832	0.000000	3832	0.000329
3833	0.000000	3833	0.001661
3834	0.000000	3834	0.000290

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Coordenada x	Valor x	Coordenada z	Valor z
3835	0.000000	3835	13.995537
3836	0.000000	3836	13.220792
3837	0.000000	3837	0.566952
3838	0.000000	3838	9.690289
3839	0.000000	3839	9.433268
3840	0.000000	3840	0.002172
3841	0.000000	3841	0.000384
3842	0.000000	3842	0.139481
3843	0.000000	3843	0.187001
3844	0.000000	3844	1.258592
3845	0.000000	3845	0.017403
3846	0.000000	3846	0.044685
3847	0.000000	3847	0.129180
3848	0.000000	3848	0.151345
3849	0.000000	3849	3.398200
3850	0.000000	3850	0.049281
3851	90.161504	3851	0.000000
3852	0.000000	3852	0.582994
3853	0.000000	3853	0.739428
3854	0.000000	3854	0.103805
3855	0.038120	3855	0.000000
3856	0.000000	3856	0.119638
3857	0.000000	3857	0.129530
3858	0.000000	3858	0.103366
3859	0.000000	3859	0.130019
3860	0.000000	3860	9.688534
3861	0.000000	3861	2.948913
3862	182.315153	3862	0.000000
3863	0.000000	3863	236.337714
3864	0.000000	3864	0.002435
3865	14.659671	3865	0.000000
3866	0.000000	3866	0.005153
3867	0.000000	3867	0.109681
3868	0.000000	3868	0.018270
3869	0.000000	3869	0.735469
3870	0.000000	3870	0.067824
3871	0.000000	3871	0.303950
3872	0.000000	3872	0.011515
3873	8.532776	3873	0.000000
3874	0.000000	3874	0.134356
3875	0.000000	3875	0.950943
3876	0.000000	3876	0.105301
3877	0.000000	3877	0.141935
3878	0.000000	3878	1.753582
3879	0.000000	3879	121.266469
3880	0.000000	3880	0.782650
3881	0.000000	3881	0.000703
3882	0.000000	3882	0.306472
3883	0.000000	3883	1006.861924

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Coordenada x	Valor x	Coordenada z	Valor z
3884	0.000000	3884	23.570158
3885	0.000000	3885	521.126376
3886	0.000000	3886	0.054610
3887	0.000000	3887	28.155046
3888	0.000000	3888	14.285648
3889	0.000000	3889	68.701168
3890	0.000000	3890	1.046696
3891	0.000000	3891	0.042643
3892	0.000000	3892	0.922002
3893	0.000000	3893	1007.485722
3894	0.000000	3894	0.298841
3895	0.000000	3895	24.220236
3896	0.000000	3896	521.692096
3897	0.000000	3897	0.670140
3898	0.000000	3898	14.945638
3899	0.000000	3899	0.147930
3900	0.000000	3900	0.032812
3901	0.000000	3901	69.276499
3902	0.000000	3902	0.413116
3903	0.000000	3903	10.474874
3904	0.000000	3904	50.150740
3905	0.000000	3905	1.882367
3906	0.000000	3906	3.994263
3907	0.000000	3907	109.643336
3908	0.000000	3908	0.172249
3909	0.000000	3909	21.715140
3910	0.000000	3910	0.186148
3911	0.000000	3911	0.042762
3912	0.000000	3912	0.151897
3913	457.305676	3913	0.000000
3914	0.000000	3914	0.892419
3915	237.432404	3915	0.000000
3916	0.000000	3916	0.002672
3917	0.000000	3917	0.382143
3918	0.000000	3918	0.001080
3919	0.000000	3919	0.003950
3920	0.000000	3920	0.004175
3921	0.000000	3921	0.002074
3922	0.000000	3922	0.000864
3923	0.000000	3923	0.179772
3924	0.000000	3924	0.002070
3925	0.000000	3925	1.530999
3926	0.000000	3926	1.890065
3927	0.000000	3927	2.270979
3928	0.000000	3928	1.526800
3929	0.000000	3929	1.798015
3930	0.000000	3930	1.836524
3931	0.000000	3931	0.367484
3932	0.000000	3932	8.695736

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Coordenada x	Valor x	Coordenada z	Valor z
3933	0.000000	3933	0.000006
3934	-0.000000	3934	0.000000
3935	-0.000000	3935	0.000000
3936	-0.000000	3936	0.000000
3937	0.000000	3937	0.197993
3938	0.000000	3938	0.064130
3939	0.000000	3939	0.145831
3940	0.000000	3940	0.041398
3941	-0.000000	3941	0.000000
3942	0.000000	3942	6.583926
3943	0.000000	3943	0.210929
3944	0.000000	3944	580.749503
3945	0.000000	3945	0.042464
3946	0.000000	3946	13.997535
3947	0.000000	3947	0.042692
3948	0.000000	3948	13.222028
3949	0.000000	3949	0.568555
3950	0.000000	3950	0.064982
3951	0.000000	3951	9.686715
3952	0.000000	3952	0.060601
3953	0.000000	3953	9.430665
3954	106.135357	3954	0.000000
3955	-0.000000	3955	0.000000
3956	0.000000	3956	1.203215
3957	56.580878	3957	0.000000
3958	13.800355	3958	0.000000
3959	0.000000	3959	0.062957
3960	0.000000	3960	0.040459
3961	0.000000	3961	0.140898
3962	53.048852	3962	0.000000
3963	0.000000	3963	0.167605
3964	0.000000	3964	0.144702
3965	0.000000	3965	9.718984
3966	0.000000	3966	2.845147
3967	21.033613	3967	0.000000
3968	0.000000	3968	236.325968
3969	0.000000	3969	0.010546
3970	0.000000	3970	0.013125
3971	0.000000	3971	0.108180
3972	0.000000	3972	0.046872
3973	0.000000	3973	0.685178
3974	0.000000	3974	0.025400
3975	72.788498	3975	0.000000
3976	0.000000	3976	0.025274
3977	0.000000	3977	0.023874
3978	0.000000	3978	121.277576
3979	0.000000	3979	0.808480
3980	0.000000	3980	0.251862
3981	0.000000	3981	1006.839187

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Coordenada x	Valor x	Coordenada z	Valor z
3982	0.000000	3982	23.463711
3983	0.000000	3983	521.081302
3984	37.588235	3984	0.000000
3985	0.000000	3985	14.168661
3986	0.000000	3986	68.698798
3987	0.000000	3987	0.387795
3988	0.000000	3988	50.168967
3989	0.000000	3989	1.796111
3990	0.000000	3990	4.005102
3991	0.000000	3991	109.641411
3992	0.000000	3992	0.255498
3993	0.000000	3993	0.195204
3994	0.000000	3994	0.061113
3995	0.000000	3995	0.159353
3996	0.000000	3996	0.078314
3997	0.000000	3997	0.409877
3998	-0.000000	3998	0.000000
3999	-0.000000	3999	0.000000
4000	-0.000000	4000	0.000000
4001	-0.000000	4001	0.000000
4002	0.000000	4002	6.660941
4003	-0.000000	4003	0.000000
4004	0.000000	4004	580.836541
4005	-0.000000	4005	0.000000
4006	0.000000	4006	14.089232
4007	-0.000000	4007	0.000000
4008	0.000000	4008	13.308572
4009	0.000000	4009	0.653323
4010	2.808131	4010	0.000000
4011	0.000000	4011	9.768371
4012	32.623437	4012	0.000000
4013	0.000000	4013	9.513469
4014	0.000000	4014	0.081557
4015	-0.000000	4015	0.000000
4016	-0.000000	4016	0.000000
4017	-0.000000	4017	0.000000
4018	-0.000000	4018	0.000000
4019	0.000000	4019	0.564763
4020	96.409079	4020	0.000000
4021	880.501338	4021	0.000000
4022	513.935891	4022	0.000000
4023	-0.000000	4023	0.000000
4024	-0.000000	4024	0.000000
4025	-0.000000	4025	0.000000
4026	-0.000000	4026	0.000000
4027	-0.000000	4027	0.000000
4028	-0.000000	4028	0.000000
4029	-0.000000	4029	0.000000
4030	-0.000000	4030	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
4031	0.000000	4031	1.944780
4032	-0.000000	4032	0.000000
4033	-0.000000	4033	0.000000
4034	-0.000000	4034	0.000000
4035	29.992397	4035	0.000000
4036	-0.000000	4036	0.000000
4037	354.800716	4037	0.000000
4038	0.000000	4038	0.130463
4039	1153.054517	4039	0.000000
4040	722.730431	4040	0.000000
4041	73.685872	4041	0.000000
4042	0.000000	4042	0.005432
4043	0.000000	4043	0.182981
4044	1649.241528	4044	0.000000
4045	0.000000	4045	0.364359
4046	0.000000	4046	0.062410
4047	0.000000	4047	0.302064
4048	0.000000	4048	0.110730
4049	0.000000	4049	0.543161
4050	-0.000000	4050	0.000000
4051	49.434702	4051	0.000000
4052	-0.000000	4052	0.000000
4053	-0.000000	4053	0.000000
4054	-0.000000	4054	0.000000
4055	0.000000	4055	2.398004
4056	-0.000000	4056	0.000000
4057	-0.000000	4057	0.000000
4058	0.000000	4058	0.446906
4059	205.599674	4059	0.000000
4060	0.000000	4060	1.604735
4061	115.181890	4061	0.000000
4062	4355.000000	4062	-0.038706
4063	11889.000000	4063	-5.816999
4064	-0.000000	4064	0.000000
4065	-0.000000	4065	0.000000
4066	262.671106	4066	0.000000
4067	1505.236407	4067	0.000000
4068	-0.000000	4068	0.000000
4069	2563.686028	4069	0.000000
4070	71.000000	4070	-94.062200
4071	500.000000	4071	-100.042427
4072	2202.000000	4072	-93.595351
4073	398.000000	4073	-93.373160
4074	112.000000	4074	-93.742967
4075	363.000000	4075	-93.762365
4076	269.000000	4076	-93.831132
4077	3789.000000	4077	-93.474513
4078	1333.000000	4078	-96.127856
4079	179.000000	4079	-93.714248

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Coordenada x	Valor x	Coordenada z	Valor z
4080	72.000000	4080	-93.662167
4081	246.000000	4081	-94.522574
4082	1.000000	4082	-93.908163
4083	306.000000	4083	-91.954202
4084	96.000000	4084	-93.569281
4085	46.000000	4085	-93.754606
4086	38.000000	4086	-93.754606
4087	142.000000	4087	-93.577968
4088	88.000000	4088	-6.168868
4089	145.000000	4089	-4.106347
4090	36.000000	4090	-6.285752
4091	0.000000	4091	3.213000
4092	0.000000	4092	1.485294
4093	0.000000	4093	-17.713316
4094	-0.000000	4094	0.000000
4095	0.000000	4095	0.935000
4096	0.000000	4096	4.052000
4097	-0.000000	4097	0.000000
4098	0.000000	4098	0.989000
4099	0.000000	4099	0.801000
4100	-0.000000	4100	0.000000
4101	0.000000	4101	2.385000
4102	0.000000	4102	0.371000
4103	4632.475080	4103	0.000000
4104	0.000000	4104	2.000000
4105	0.000000	4105	-0.318994
4106	220.000000	4106	0.631006
4107	-0.000000	4107	0.000000
4108	38.000000	4108	0.000000
4109	142.000000	4109	0.000000
4110	-0.000000	4110	0.000000
4111	-0.000000	4111	0.000000
4112	0.000000	4112	0.340498
4113	-0.000000	4113	0.000000
4114	53.086972	4114	0.000000
4115	0.000000	4115	0.533277
4116	0.000000	4116	1007.120602
4117	0.000000	4117	23.745126
4118	0.000000	4118	521.362717
4119	0.000000	4119	0.281415
4120	0.000000	4120	14.450076
4121	0.000000	4121	68.980213
4122	-0.000000	4122	0.000000
4123	0.000000	4123	0.052675
4124	-0.000000	4124	0.000000
4125	-0.000000	4125	0.000000
4126	59.465663	4126	0.000000
4127	450.425455	4127	0.000000
4128	0.000000	4128	0.268932

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Coordenada x	Valor x	Coordenada z	Valor z
4129	-0.000000	4129	0.000000
4130	0.000000	4130	0.000000
4131	1867.770700	4131	0.000000
4132	0.000000	4132	0.000000
4133	0.000000	4133	0.000000
4134	0.000000	4134	0.371699
4135	0.000000	4135	0.000000
4136	-0.000000	4136	0.000000
4137	0.000000	4137	0.000000
4138	0.000000	4138	1.960371
4139	0.000000	4139	2.048060
4140	0.000000	4140	2.400010
4141	0.000000	4141	2.279885
4142	0.000000	4142	1.907929
4143	248.181027	4143	0.000000
4144	1333.000000	4144	0.000000
4145	9.113988	4145	0.000000
4146	28.225826	4146	0.000000
4147	207.105629	4147	0.000000
4148	-0.000000	4148	0.000000
4149	0.000000	4149	1.592409
4150	0.000000	4150	0.891548
4151	0.000000	4151	0.122895
4152	118.188361	4152	0.000000
4153	0.000000	4153	10.323987
4154	-0.000000	4154	0.000000
4155	0.000000	4155	21.562499
4156	0.000000	4156	0.734900
4157	26.513234	4157	0.000000
4158	262.671106	4158	0.000000
4159	0.000000	4159	0.003783
4160	0.000000	4160	0.029638
4161	0.000000	4161	0.031875
4162	0.000000	4162	0.101703
4163	0.000000	4163	0.392596
4164	-0.000000	4164	0.000000
4165	0.000000	4165	4.021977
4166	0.000000	4166	0.201314
4167	0.000000	4167	0.182630
4168	0.000000	4168	0.413514
4169	143.000000	4169	0.000000
4170	72.000000	4170	0.000000
4171	0.000000	4171	0.591133
4172	0.000000	4172	0.000000
4173	494.181027	4173	0.000000
4174	327.554823	4174	0.000000
4175	-0.000000	4175	0.000000
4176	308.419176	4176	0.000000
4177	261.000000	4177	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
4178	39.104751	4178	0.000000
4179	277.097928	4179	0.000000
4180	164.000000	4180	0.000000
4181	0.000000	4181	0.000085
4182	222.436916	4182	0.000000
4183	110.966395	4183	0.000000
4184	-0.000000	4184	0.000000
4185	-0.000000	4185	0.000000
4186	115.181890	4186	0.000000
4187	-0.000000	4187	0.000000
4188	0.000000	4188	0.071692
4189	-0.000000	4189	0.000000
4190	0.000000	4190	0.121032
4191	-0.000000	4191	0.000000
4192	-0.000000	4192	0.000000
4193	48.752272	4193	0.000000
4194	-0.000000	4194	0.000000
4195	555.765533	4195	0.000000
4196	-0.000000	4196	0.000000
4197	1698.165709	4197	0.000000
4198	1300.501629	4198	0.000000
4199	250.422043	4199	0.000000
4200	0.000000	4200	0.058356
4201	-0.000000	4201	0.000000
4202	0.000000	4202	0.199477
4203	0.000000	4203	0.069355
4204	-0.000000	4204	0.000000
4205	-0.000000	4205	0.000000
4206	2302.683514	4206	0.000000
4207	0.000000	4207	28.280584
4208	-0.000000	4208	0.000000
4209	0.000000	4209	1007.691822
4210	0.000000	4210	27.533153
4211	0.000000	4211	521.843877
4212	-0.000000	4212	0.000000
4213	0.000000	4213	18.257740
4214	-0.000000	4214	0.000000
4215	325.000000	4215	0.000000
4216	175.000000	4216	0.362603
4217	1174.000000	4217	-4.182455
4218	278.000000	4218	0.000000
4219	705.064010	4219	0.000000
4220	126.701029	4220	0.000000
4221	27.770667	4221	0.000000
4222	-0.000000	4222	0.000000
4223	-0.000000	4223	0.000000
4224	-0.000000	4224	0.000000
4225	-0.000000	4225	0.000000
4226	41.082553	4226	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
4227	-0.000000	4227	0.000000
4228	2535.456013	4228	0.000000
4229	562.564273	4229	0.000000
4230	-0.000000	4230	0.000000
4231	359.082834	4231	0.000000
4232	-0.000000	4232	0.000000
4233	-0.000000	4233	0.000000
4234	-0.000000	4234	0.000000
4235	141.380047	4235	0.000000
4236	220.000000	4236	0.000000
4237	50.000000	4237	0.000000
4238	0.000000	4238	0.564074
4239	519.479846	4239	0.000000
4240	341.537399	4240	0.000000
4241	45.836254	4241	0.000000
4242	-0.000000	4242	0.000000
4243	-0.000000	4243	0.000000
4244	-0.000000	4244	0.000000
4245	-0.000000	4245	0.000000
4246	2387.530702	4246	0.000000
4247	3547.514372	4247	0.000000
4248	0.000000	4248	213.326350
4249	0.000000	4249	1.301346
4250	0.000000	4250	1.249477
4251	-0.000000	4251	0.000000
4252	-0.000000	4252	0.000000
4253	-0.000000	4253	0.000000
4254	-0.000000	4254	0.000000
4255	-0.000000	4255	0.000000
4256	-0.000000	4256	0.000000
4257	-0.000000	4257	0.000000
4258	-0.000000	4258	0.000000
4259	-0.000000	4259	0.000000
4260	0.000000	4260	6.548695
4261	0.000000	4261	0.180136
4262	0.000000	4262	0.313656
4263	0.000000	4263	0.594011
4264	-0.000000	4264	0.000000
4265	0.000000	4265	0.393952
4266	-0.000000	4266	0.000000
4267	-0.000000	4267	0.000000
4268	-0.000000	4268	0.000000
4269	262.671106	4269	0.000000
4270	-0.000000	4270	0.000000
4271	-0.000000	4271	0.000000
4272	0.000000	4272	5.516841
4273	-0.000000	4273	0.000000
4274	-0.000000	4274	0.000000
4275	1867.770700	4275	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
4276	-0.000000	4276	0.000000
4277	-0.000000	4277	0.000000
4278	-0.000000	4278	0.000000
4279	-0.000000	4279	0.000000
4280	-0.000000	4280	0.000000
4281	-0.000000	4281	0.000000
4282	-0.000000	4282	0.000000
4283	-0.000000	4283	0.000000
4284	0.000000	4284	1.253968
4285	0.000000	4285	0.076993
4286	0.000000	4286	0.961275
4287	-0.000000	4287	0.000000
4288	0.000000	4288	3.773964
4289	0.000000	4289	3.808022
4290	-0.000000	4290	0.000000
4291	-0.000000	4291	0.000000
4292	0.000000	4292	1.855741
4293	-0.000000	4293	0.000000
4294	0.000000	4294	2.782926
4295	0.000000	4295	1.449001
4296	0.000000	4296	1.543478
4297	0.000000	4297	1.479736
4298	0.000000	4298	1.450785
4299	0.000000	4299	2.207988
4300	0.000000	4300	1.107384
4301	0.000000	4301	0.242046
4302	0.000000	4302	0.137241
4303	-0.000000	4303	0.000000
4304	0.000000	4304	0.245690
4305	0.000000	4305	0.782424
4306	379.028311	4306	0.000000
4307	0.000000	4307	108.215218
4308	172.991746	4308	0.000000
4309	0.000000	4309	48.998481
4310	-0.000000	4310	0.000000
4311	-0.000000	4311	0.000000
4312	-0.000000	4312	0.000000
4313	-0.000000	4313	0.000000
4314	-0.000000	4314	0.000000
4315	-0.000000	4315	0.000000
4316	137.868540	4316	0.000000
4317	-0.000000	4317	0.000000
4318	-0.000000	4318	0.000000
4319	-0.000000	4319	0.000000
4320	-0.000000	4320	0.000000
4321	-0.000000	4321	0.000000
4322	-0.000000	4322	0.000000
4323	-0.000000	4323	0.000000
4324	23.610143	4324	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
4325	-0.000000	4325	0.000000
4326	1178.931602	4326	0.000000
4327	251.376220	4327	0.000000
4328	-0.000000	4328	0.000000
4329	-0.000000	4329	0.000000
4330	-0.000000	4330	0.000000
4331	-0.000000	4331	0.000000
4332	-0.000000	4332	0.000000
4333	-0.000000	4333	0.000000
4334	-0.000000	4334	0.000000
4335	-0.000000	4335	0.000000
4336	-0.000000	4336	0.000000
4337	639.925934	4337	0.000000
4338	139.272121	4338	0.000000
4339	22.365800	4339	0.000000
4340	-0.000000	4340	0.000000
4341	-0.000000	4341	0.000000
4342	0.000000	4342	0.563968
4343	860.803797	4343	0.000000
4344	0.000000	4344	0.171003
4345	0.000000	4345	0.275163
4346	26.000000	4346	-4.106347
4347	0.000000	4347	17960.944550
4348	0.000000	4348	17586.301403
4349	0.000000	4349	24553.383483
4350	0.000000	4350	2.122804
4351	0.000000	4351	17582.701280
4352	0.000000	4352	17577.237681
4353	0.000000	4353	17582.890956
4354	0.000000	4354	17578.391488
4355	0.000000	4355	17577.577787
4356	0.000000	4356	17585.756472
4357	0.000000	4357	24941.499674
4358	0.000000	4358	24952.116779
4359	0.000000	4359	24966.686209
4360	0.000000	4360	17585.758629
4361	0.000000	4361	17583.909830
4362	0.000000	4362	17580.136906
4363	0.000000	4363	17582.533621
4364	0.000000	4364	17586.776792
4365	0.000000	4365	17588.800387
4366	0.000000	4366	17588.379201
4367	0.000000	4367	17590.879163
4368	0.000000	4368	17586.660252
4369	0.000000	4369	17588.739326
4370	0.000000	4370	-4.106347
4371	0.000000	4371	17588.311664
4372	0.000000	4372	17590.888709
4373	0.000000	4373	17580.761770

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Coordenada x	Valor x	Coordenada z	Valor z
4374	0.000000	4374	17679.616665
4375	0.000000	4375	17680.937554
4376	0.000000	4376	17586.741283
4377	0.000000	4377	18119.794951
4378	0.000000	4378	17565.059220
4379	0.000000	4379	1.843282
4380	0.000000	4380	17565.355373
4381	0.000000	4381	17569.523730
4382	0.000000	4382	385.040106
4383	-0.000000	4383	0.000000
4384	0.000000	4384	17585.739967
4385	0.000000	4385	24686.520074
4386	0.000000	4386	24686.534133
4387	0.000000	4387	25072.873824
4388	0.000000	4388	17585.743124
4389	3.000000	4389	61.643653
4390	0.000000	4390	17603.020686
4391	-0.000000	4391	0.000000
4392	8.648327	4392	0.000000
4393	16.220366	4393	0.000000
4394	74.961818	4394	0.000000
4395	0.000000	4395	0.246983
4396	230.460946	4396	0.000000
4397	0.000000	4397	0.914941
4398	207.507480	4398	0.000000
4399	95.107595	4399	0.000000
4400	58.531946	4400	0.000000
4401	0.000000	4401	0.281498
4402	0.000000	4402	0.533307
4403	131.547016	4403	0.000000
4404	0.000000	4404	0.154680
4405	0.000000	4405	0.060023
4406	0.000000	4406	0.310717
4407	0.000000	4407	1.505195
4408	17.777952	4408	0.000000
4409	140.629185	4409	0.000000
4410	0.000000	4410	0.456362
4411	180.399569	4411	0.000000
4412	0.000000	4412	1.023615
4413	0.000000	4413	7.217654
4414	0.000000	4414	27.594109
4415	0.000000	4415	0.690708
4416	0.000000	4416	2.316818
4417	0.000000	4417	18.538158
4418	0.000000	4418	11.373610
4419	-0.000000	4419	0.000000
4420	0.000000	4420	0.001071
4421	-0.000000	4421	0.000000
4422	0.000000	4422	0.000202

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Coordenada x	Valor x	Coordenada z	Valor z
4423	-0.000000	4423	0.000000
4424	0.000000	4424	0.001794
4425	-0.000000	4425	0.000000
4426	0.000000	4426	1.101446
4427	0.000000	4427	1.360802
4428	0.000000	4428	1.684949
4429	0.000000	4429	1.104248
4430	0.000000	4430	1.314754
4431	0.000000	4431	0.001687
4432	0.000000	4432	1.357149
4433	0.000000	4433	0.079878
4434	0.000000	4434	60.913908
4435	0.000000	4435	0.023054
4436	0.000000	4436	0.022677
4437	0.000000	4437	0.023951
4438	0.000000	4438	11.033690
4439	0.000000	4439	12.978196
4440	0.000000	4440	2.798980
4441	0.000000	4441	6.077226
4442	0.000000	4442	7.595210
4443	0.000000	4443	0.025339
4444	-0.000000	4444	0.000000
4445	0.000000	4445	2.344582
4446	0.000000	4446	0.853022
4447	0.000000	4447	1.057094
4448	0.000000	4448	0.597240
4449	34.556598	4449	0.000000
4450	0.000000	4450	0.281294
4451	0.000000	4451	0.536014
4452	0.000000	4452	0.008523
4453	0.000000	4453	0.165774
4454	0.000000	4454	0.064567
4455	0.000000	4455	0.317533
4456	0.000000	4456	1.506703
4457	0.000000	4457	4.689298
4458	0.000000	4458	1.172833
4459	0.000000	4459	0.667642
4460	0.000000	4460	0.614398
4461	22.615160	4461	0.000000
4462	0.000000	4462	1.700435
4463	0.000000	4463	1.620118
4464	0.000000	4464	1.272910
4465	0.000000	4465	1.803920
4466	0.000000	4466	0.003574
4467	0.000000	4467	1.271070
4468	0.000000	4468	0.456648
4469	0.000000	4469	7.684282
4470	0.000000	4470	28.344390
4471	0.000000	4471	1.157336

Continua na próxima página

Coordenada x	Valor x	Coordenada z	Valor z
4472	0.000000	4472	23.175020
4473	0.000000	4473	19.345366
4474	0.000000	4474	11.558351
4475	14.822071	4475	0.000000
4476	0.000000	4476	1.017021
4477	0.000000	4477	7.214218
4478	0.000000	4478	27.589102
4479	0.000000	4479	0.687272
4480	0.000000	4480	2.310844
4481	0.000000	4481	18.534122
4482	0.000000	4482	11.369646
4483	0.000000	4483	3.362815
4484	0.000000	4484	5.621723
4485	0.000000	4485	1.430215
4486	0.000000	4486	0.000727
4487	-0.000000	4487	0.000000
4488	0.000000	4488	0.001370
4489	-0.000000	4489	0.000000
4490	0.000000	4490	0.000787
4491	-0.000000	4491	0.000000
4492	0.000000	4492	0.001778
4493	0.000000	4493	1.101832
4494	0.000000	4494	1.359410
4495	0.000000	4495	1.685753
4496	0.000000	4496	1.103647
4497	0.000000	4497	1.314972
4498	-0.000000	4498	0.000000
4499	0.000000	4499	1.358384
4500	0.000000	4500	0.077602
4501	0.000000	4501	60.891143
4502	-0.000000	4502	0.000000
4503	-0.000000	4503	0.000000
4504	0.000000	4504	1.824259
4505	0.000000	4505	1.421911
4506	-0.000000	4506	0.000000
4507	0.000000	4507	6.240134
4508	0.000000	4508	1.924041
4509	0.000000	4509	96.047221
4510	0.000000	4510	0.644297
4511	0.000000	4511	11.014725
4512	0.000000	4512	7.151430
4513	0.000000	4513	12.963855
4514	0.000000	4514	2.789882
4515	0.000000	4515	0.781582
4516	0.000000	4516	6.043584
4517	0.000000	4517	0.752795
4518	0.000000	4518	7.565186
4519	8.034675	4519	0.000000
4520	0.000000	4520	0.007977

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Coordenada x	Valor x	Coordenada z	Valor z
4521	0.000000	4521	1.586990
4522	0.000000	4522	0.421408
4523	0.000000	4523	0.405690
4524	0.000000	4524	0.425058
4525	2.222823	4525	0.000000
4526	0.000000	4526	0.128863
4527	21.493934	4527	0.000000
4528	0.000000	4528	0.218680
4529	0.000000	4529	0.218680
4530	0.000000	4530	1.431502
4531	0.000000	4531	3.475959
4532	0.000000	4532	0.759883
4533	0.000000	4533	0.429564
4534	0.000000	4534	0.376510
4535	0.000000	4535	0.998773
4536	0.000000	4536	0.906320
4537	0.000000	4537	0.779823
4538	0.000000	4538	0.781254
4539	0.000000	4539	1.196976
4540	0.000000	4540	6.945299
4541	0.000000	4541	27.205560
4542	0.000000	4542	0.418354
4543	0.000000	4543	23.549230
4544	0.000000	4544	18.125232
4545	0.000000	4545	11.222321
4546	0.000000	4546	2.291212
4547	0.000000	4547	5.331119
4548	0.000000	4548	1.128218
4549	35.000150	4549	0.000000
4550	-0.000000	4550	0.000000
4551	-0.000000	4551	0.000000
4552	0.000000	4552	6.537140
4553	-0.000000	4553	0.000000
4554	0.000000	4554	96.421547
4555	-0.000000	4555	0.000000
4556	0.000000	4556	11.405280
4557	0.000000	4557	6.518738
4558	0.000000	4558	13.328017
4559	0.000000	4559	3.143347
4560	7.112358	4560	0.000000
4561	0.000000	4561	6.393094
4562	-0.000000	4562	0.000000
4563	0.000000	4563	7.918535
4564	0.000000	4564	0.345401
4565	-0.000000	4565	0.000000
4566	-0.000000	4566	0.000000
4567	-0.000000	4567	0.000000
4568	-0.000000	4568	0.000000
4569	0.000000	4569	0.242924

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Coordenada x	Valor x	Coordenada z	Valor z
4570	35.540156	4570	0.000000
4571	186.548529	4571	0.000000
4572	87.895931	4572	0.000000
4573	-0.000000	4573	0.000000
4574	-0.000000	4574	0.000000
4575	-0.000000	4575	0.000000
4576	-0.000000	4576	0.000000
4577	-0.000000	4577	0.000000
4578	-0.000000	4578	0.000000
4579	-0.000000	4579	0.000000
4580	-0.000000	4580	0.000000
4581	0.000000	4581	0.765638
4582	-0.000000	4582	0.000000
4583	-0.000000	4583	0.000000
4584	-0.000000	4584	0.000000
4585	75.963937	4585	0.000000
4586	-0.000000	4586	0.000000
4587	-0.000000	4587	0.000000
4588	-0.000000	4588	0.000000
4589	87.288712	4589	0.000000
4590	112.716322	4590	0.000000
4591	8.065064	4591	0.000000
4592	117.997487	4592	0.000000
4593	19.992300	4593	0.000000
4594	144.839653	4594	0.000000
4595	0.000000	4595	0.134631
4596	0.000000	4596	0.056234
4597	0.000000	4597	0.082082
4598	0.000000	4598	0.089100
4599	0.000000	4599	0.254584
4600	74.499059	4600	0.000000
4601	16.940600	4601	0.000000
4602	-0.000000	4602	0.000000
4603	-0.000000	4603	0.000000
4604	-0.000000	4604	0.000000
4605	0.000000	4605	2.066655
4606	-0.000000	4606	0.000000
4607	91.198382	4607	0.000000
4608	0.000000	4608	0.332251
4609	43.051939	4609	0.000000
4610	0.000000	4610	1.089183
4611	29.632424	4611	0.000000
4612	675.000000	4612	-0.229152
4613	2628.000000	4613	-2.259367
4614	32.598488	4614	0.000000
4615	330.000000	4615	-0.049059
4616	90.013817	4616	0.000000
4617	386.970518	4617	0.000000
4618	-0.000000	4618	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
4619	421.627469	4619	0.000000
4620	7.000000	4620	-98.413071
4621	360.000000	4621	-97.544204
4622	300.000000	4622	-97.239017
4623	509.000000	4623	-97.570670
4624	61.000000	4624	-97.692709
4625	80.000000	4625	-97.913071
4626	1109.000000	4626	-97.002181
4627	60.000000	4627	-98.539214
4628	22.000000	4628	-97.322625
4629	49.000000	4629	-97.348055
4630	11.000000	4630	-97.739151
4631	1.000000	4631	-97.494071
4632	70.000000	4632	-95.611996
4633	17.000000	4633	-97.441958
4634	1.000000	4634	-97.643893
4635	6.000000	4635	-97.643893
4636	40.000000	4636	-97.320647
4637	0.000000	4637	3.213000
4638	0.000000	4638	1.294848
4639	0.000000	4639	-14.155684
4640	34.183026	4640	0.000000
4641	0.000000	4641	0.935000
4642	0.000000	4642	4.002941
4643	-0.000000	4643	0.000000
4644	0.000000	4644	0.989000
4645	0.000000	4645	0.801000
4646	-0.000000	4646	0.000000
4647	0.000000	4647	2.385000
4648	0.000000	4648	0.371000
4649	1255.818086	4649	0.000000
4650	0.000000	4650	2.000000
4651	-0.000000	4651	0.000000
4652	-0.000000	4652	0.000000
4653	0.000000	4653	1.102000
4654	6.000000	4654	0.000000
4655	40.000000	4655	0.000000
4656	-0.000000	4656	0.000000
4657	-0.000000	4657	0.000000
4658	0.000000	4658	0.311413
4659	97.363990	4659	0.000000
4660	21.493934	4660	0.000000
4661	0.000000	4661	6.526946
4662	0.000000	4662	26.787207
4663	12.880977	4663	0.000000
4664	0.000000	4664	17.706878
4665	0.000000	4665	10.803967
4666	-0.000000	4666	0.000000
4667	76.954424	4667	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
4668	-0.000000	4668	0.000000
4669	171.979203	4669	0.000000
4670	31.714173	4670	0.000000
4671	94.790708	4671	0.000000
4672	17.330735	4672	0.000000
4673	-0.000000	4673	0.000000
4674	0.000000	4674	0.052335
4675	164.031317	4675	0.000000
4676	0.000000	4676	0.052335
4677	0.000000	4677	0.000000
4678	0.000000	4678	0.328629
4679	0.000000	4679	0.000000
4680	-0.000000	4680	0.000000
4681	0.000000	4681	0.914941
4682	0.000000	4682	1.336407
4683	0.000000	4683	1.958821
4684	0.000000	4684	2.150281
4685	0.000000	4685	2.070533
4686	0.000000	4686	1.855829
4687	65.178040	4687	0.000000
4688	60.000000	4688	0.000000
4689	0.000000	4689	32.173938
4690	0.000000	4690	34.426797
4691	-0.000000	4691	0.000000
4692	0.000000	4692	0.746705
4693	0.000000	4693	0.780350
4694	0.000000	4694	0.797068
4695	0.000000	4695	1.038618
4696	-0.000000	4696	0.000000
4697	0.000000	4697	5.379086
4698	0.000000	4698	1.199379
4699	90.013817	4699	0.000000
4700	22.000000	4700	0.000000
4701	49.000000	4701	0.000000
4702	0.000000	4702	0.382008
4703	0.000000	4703	0.000000
4704	88.837974	4704	0.000000
4705	0.000000	4705	0.796080
4706	59.704133	4706	0.000000
4707	-0.000000	4707	0.000000
4708	48.640692	4708	0.000000
4709	46.198926	4709	0.000000
4710	14.833216	4710	0.000000
4711	9.942562	4711	0.000000
4712	52.858017	4712	0.000000
4713	-0.000000	4713	0.000000
4714	0.000000	4714	0.000032
4715	27.725493	4715	0.000000
4716	3.601161	4716	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
4717	-0.000000	4717	0.000000
4718	-0.000000	4718	0.000000
4719	24.118733	4719	0.000000
4720	-0.000000	4720	0.000000
4721	0.000000	4721	0.149516
4722	-0.000000	4722	0.000000
4723	-0.000000	4723	0.000000
4724	-0.000000	4724	0.000000
4725	-0.000000	4725	0.000000
4726	123.478441	4726	0.000000
4727	-0.000000	4727	0.000000
4728	0.000000	4728	0.101011
4729	-0.000000	4729	0.000000
4730	128.554804	4730	0.000000
4731	241.880519	4731	0.000000
4732	0.000000	4732	0.116216
4733	0.000000	4733	0.031575
4734	-0.000000	4734	0.000000
4735	0.000000	4735	0.092664
4736	0.000000	4736	0.043421
4737	-0.000000	4737	0.000000
4738	0.000000	4738	0.008965
4739	252.033245	4739	0.000000
4740	0.000000	4740	23.309920
4741	-0.000000	4741	0.000000
4742	0.000000	4742	29.059502
4743	-0.000000	4743	0.000000
4744	0.000000	4744	19.998234
4745	-0.000000	4745	0.000000
4746	20.000000	4746	-1.612668
4747	49.157488	4747	0.000000
4748	-0.000000	4748	0.000000
4749	-0.000000	4749	0.000000
4750	-0.000000	4750	0.000000
4751	-0.000000	4751	0.000000
4752	-0.000000	4752	0.000000
4753	96.517987	4753	0.000000
4754	430.322277	4754	0.000000
4755	-0.000000	4755	0.000000
4756	922.000000	4756	0.000000
4757	-0.000000	4757	0.000000
4758	0.000000	4758	0.583167
4759	936.539409	4759	0.000000
4760	-0.000000	4760	0.000000
4761	193.462839	4761	0.000000
4762	0.000000	4762	1.093574
4763	0.000000	4763	1.114300
4764	-0.000000	4764	0.000000
4765	-0.000000	4765	0.000000

Continua na próxima página

Coordenada x	Valor x	Coordenada z	Valor z
4766	-0.000000	4766	0.000000
4767	-0.000000	4767	0.000000
4768	-0.000000	4768	0.000000
4769	-0.000000	4769	0.000000
4770	-0.000000	4770	0.000000
4771	0.000000	4771	2.985095
4772	79.525167	4772	0.000000
4773	24.703348	4773	0.000000
4774	0.000000	4774	0.037776
4775	12.880977	4775	0.000000
4776	171.979203	4776	0.000000
4777	-0.000000	4777	0.000000
4778	0.000000	4778	0.189825
4779	-0.000000	4779	0.000000
4780	90.013817	4780	0.000000
4781	-0.000000	4781	0.000000
4782	-0.000000	4782	0.000000
4783	-0.000000	4783	0.000000
4784	-0.000000	4784	0.000000
4785	83.409914	4785	0.000000
4786	164.031317	4786	0.000000
4787	-0.000000	4787	0.000000
4788	135.318220	4788	0.000000
4789	26.550199	4789	0.000000
4790	7.638419	4790	0.000000
4791	-0.000000	4791	0.000000
4792	-0.000000	4792	0.000000
4793	-0.000000	4793	0.000000
4794	-0.000000	4794	0.000000
4795	0.000000	4795	1.055719
4796	0.000000	4796	0.060245
4797	-0.000000	4797	0.000000
4798	0.000000	4798	2.228790
4799	0.000000	4799	3.115646
4800	-0.000000	4800	0.000000
4801	0.000000	4801	0.673823
4802	0.000000	4802	1.657726
4803	0.000000	4803	2.500025
4804	0.000000	4804	1.171806
4805	0.000000	4805	1.282491
4806	0.000000	4806	0.658310
4807	0.000000	4807	1.147966
4808	0.000000	4808	1.086768
4809	0.000000	4809	1.866734
4810	0.000000	4810	1.103429
4811	0.000000	4811	0.203929
4812	0.000000	4812	0.119967
4813	0.000000	4813	0.734792
4814	-0.000000	4814	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
4815	0.000000	4815	0.133730
4816	0.000000	4816	0.670189
4817	26.426082	4817	0.000000
4818	46.498505	4818	0.000000
4819	-0.000000	4819	0.000000
4820	-0.000000	4820	0.000000
4821	-0.000000	4821	0.000000
4822	-0.000000	4822	0.000000
4823	-0.000000	4823	0.000000
4824	-0.000000	4824	0.000000
4825	-0.000000	4825	0.000000
4826	-0.000000	4826	0.000000
4827	-0.000000	4827	0.000000
4828	-0.000000	4828	0.000000
4829	-0.000000	4829	0.000000
4830	-0.000000	4830	0.000000
4831	-0.000000	4831	0.000000
4832	112.757481	4832	0.000000
4833	-0.000000	4833	0.000000
4834	384.930773	4834	0.000000
4835	-0.000000	4835	0.000000
4836	-0.000000	4836	0.000000
4837	-0.000000	4837	0.000000
4838	-0.000000	4838	0.000000
4839	0.000000	4839	17584.792860
4840	0.000000	4840	17683.595334
4841	0.000000	4841	17683.730542
4842	0.000000	4842	17590.598703
4843	0.000000	4843	18123.753442
4844	0.000000	4844	25056.547445
4845	0.000000	4845	17568.626761
4846	0.000000	4846	17568.635336
4847	0.000000	4847	17573.145743
4848	0.000000	4848	17493.661952
4849	0.000000	4849	17683.562407
4850	0.000000	4850	24856.422923
4851	0.000000	4851	24891.229376
4852	0.000000	4852	24936.667949
4853	0.000000	4853	17434.044459
4854	0.000000	4854	16622.669268
4855	0.000000	4855	17672.204015
4856	42.000000	4856	3.948853
4857	42.000000	4857	3.865857
4858	42.000000	4858	3.527667
4859	0.000000	4859	17297.268589
4860	0.000000	4860	17590.448533
4861	0.000000	4861	17589.522647
4862	0.000000	4862	24691.171392
4863	0.000000	4863	24691.285109

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Coordenada x	Valor x	Coordenada z	Valor z
4864	0.000000	4864	25077.787668
4865	0.000000	4865	17589.999621
4866	0.000000	4866	17607.348596
4867	0.000000	4867	3.937704
4868	0.000000	4868	93.618173
4869	0.000000	4869	93.618173
4870	0.000000	4870	93.618173
4871	0.000000	4871	93.618173
4872	0.000000	4872	93.618173
4873	0.000000	4873	93.618173
4874	0.000000	4874	93.618173
4875	0.000000	4875	93.618173
4876	0.000000	4876	0.526045
4877	126.347212	4877	0.000000
4878	-0.000000	4878	0.000000
4879	0.000000	4879	0.000000
4880	0.000000	4880	386.271995
4881	0.000000	4881	386.271995
4882	0.000000	4882	386.271995
4883	0.000000	4883	386.271995
4884	0.000000	4884	386.271995
4885	0.000000	4885	386.271995
4886	0.000000	4886	386.271995
4887	0.000000	4887	386.271995
4888	0.000000	4888	411.389195
4889	0.000000	4889	286.271995
4890	0.000000	4890	286.271995
4891	0.000000	4891	386.271995
4892	0.000000	4892	386.271995
4893	0.000000	4893	480.246335
4894	0.000000	4894	0.000000
4895	0.000000	4895	0.000000
4896	0.000000	4896	0.000000
4897	0.000000	4897	0.000000
4898	0.000000	4898	0.000000
4899	2.883263	4899	0.000000
4900	0.116737	4900	0.000000
4901	0.000000	4901	386.271995
4902	0.000000	4902	386.271995
4903	0.000000	4903	386.271995
4904	0.000000	4904	386.271995
4905	0.000000	4905	386.271995
4906	0.000000	4906	386.271995
4907	0.000000	4907	386.271995
4908	0.000000	4908	386.271995
4909	0.000000	4909	386.271995
4910	0.000000	4910	411.389195
4911	0.000000	4911	730.098184
4912	0.000000	4912	710.029521

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Coordenada x	Valor x	Coordenada z	Valor z
4913	0.000000	4913	286.271995
4914	0.000000	4914	286.271995
4915	0.000000	4915	386.271995
4916	0.000000	4916	386.271995
4917	0.000000	4917	386.271995
4918	0.000000	4918	480.246335
4919	0.000000	4919	386.271995
4920	0.000000	4920	386.271995
4921	0.000000	4921	2452.129096
4922	0.000000	4922	967.782507
4923	-0.000000	4923	0.000000
4924	-0.000000	4924	0.000000
4925	0.000000	4925	3325.387465
4926	0.000000	4926	6282.057629
4927	0.000000	4927	2133.730874
4928	-0.000000	4928	0.000000
4929	-0.000000	4929	0.000000
4930	0.000000	4930	3823.633773
4931	0.000000	4931	1740.942585
4932	0.000000	4932	875.319420
4933	-0.000000	4933	0.000000
4934	-0.000000	4934	0.000000
4935	0.000000	4935	0.000000
4936	0.000000	4936	0.000000
4937	0.000000	4937	0.000000
4938	0.000000	4938	0.000000
4939	22.915254	4939	0.000000
4940	0.000000	4940	0.000000
4941	0.000000	4941	0.000000
4942	0.000000	4942	0.000000
4943	0.000000	4943	25.117200
4944	0.000000	4944	343.826188
4945	0.000000	4945	323.757526
4946	55.084746	4946	0.000000
4947	0.000000	4947	0.000000
4948	-0.000000	4948	0.000000
4949	0.000000	4949	93.974340
4950	-0.000000	4950	0.000000
4951	-0.000000	4951	0.000000
4952	0.000000	4952	2065.857100
4953	0.000000	4953	581.510512
4954	0.000000	4954	2939.115470
4955	0.000000	4955	5895.785634
4956	0.000000	4956	1747.458879
4957	0.000000	4957	3437.361777
4958	0.000000	4958	1354.670590
4959	0.000000	4959	489.047425
4960	0.000000	4960	0.000000
4961	0.000000	4961	0.000000

Continua na próxima página

Coordenada x	Valor x	Coordenada z	Valor z
4962	0.000000	4962	0.000000
4963	39.676444	4963	0.000000
4964	0.000000	4964	0.000000
4965	241.277796	4965	0.000000
4966	6.021002	4966	0.000000
4967	107.515860	4967	0.000000
4968	-0.000000	4968	0.000000
4969	0.000000	4969	25.117200
4970	0.000000	4970	343.826188
4971	0.000000	4971	323.757526
4972	262.897675	4972	0.000000
4973	490.088510	4973	0.000000
4974	0.000000	4974	0.000000
4975	0.000000	4975	93.974340
4976	0.000000	4976	0.000000
4977	0.000000	4977	0.000000
4978	0.000000	4978	2065.857100
4979	0.000000	4979	581.510512
4980	0.000000	4980	2939.115470
4981	0.000000	4981	5895.785634
4982	0.000000	4982	1747.458879
4983	0.000000	4983	3437.361777
4984	0.000000	4984	1354.670590
4985	0.000000	4985	489.047425
4986	-0.000000	4986	0.000000
4987	0.000000	4987	16.792125
4988	48.146662	4988	0.000000
4989	0.000000	4989	66.291938
4990	-0.000000	4990	0.000000
4991	-0.000000	4991	0.000000
4992	-0.000000	4992	0.000000
4993	-0.000000	4993	0.000000
4994	-0.000000	4994	0.000000
4995	-0.000000	4995	0.000000
4996	-0.000000	4996	0.000000
4997	-0.000000	4997	0.000000
4998	-0.000000	4998	0.000000
4999	-0.000000	4999	0.000000
5000	-0.000000	5000	0.000000
5001	-0.000000	5001	0.000000
5002	-0.000000	5002	0.000000
5003	-0.000000	5003	0.000000
5004	0.000000	5004	12.818251
5005	0.000000	5005	5.471702
5006	0.000000	5006	9.980688
5007	0.000000	5007	3.029523
5008	0.000000	5008	9.543523
5009	0.000000	5009	2.531908
5010	0.000000	5010	7.516812

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Coordenada x	Valor x	Coordenada z	Valor z
5011	110.341042	5011	0.000000
5012	-0.000000	5012	0.000000
5013	1370.000000	5013	-0.810000
5014	-0.000000	5014	0.000000
5015	3.231565	5015	0.000000
5016	20.000000	5016	-0.527000
5017	0.000000	5017	4.318000
5018	5.985772	5018	0.000000
5019	70.000000	5019	-93.586104
5020	20.000000	5020	-93.057589
5021	1.000000	5021	-93.586104
5022	3.000000	5022	-386.271995
5023	78.000000	5023	0.000000
5024	1133.228468	5024	0.000000
5025	154.000000	5025	-95.533580
5026	23.000000	5026	-34.250000
5027	15.000000	5027	-78.490579
5028	7.000000	5028	-17682.299361
5029	12.000000	5029	0.000000
5030	3.000000	5030	-27.265720
5031	0.000000	5031	0.903000
5032	251.580703	5032	0.000000
5033	0.000000	5033	0.229000
5034	0.000000	5034	0.837000
5035	131.506164	5035	0.000000
5036	0.000000	5036	6.522000
5037	0.000000	5037	0.361000
5038	-0.000000	5038	0.000000
5039	-0.000000	5039	0.000000
5040	-0.000000	5040	0.000000
5041	-0.000000	5041	0.000000
5042	-0.000000	5042	0.000000
5043	3.815805	5043	0.000000
5044	-0.000000	5044	0.000000
5045	39.676444	5045	0.000000
5046	-0.000000	5046	0.000000
5047	-0.000000	5047	0.000000
5048	50.244149	5048	0.000000
5049	0.000000	5049	100.000000
5050	2.248820	5050	0.000000
5051	45.118328	5051	0.000000
5052	-0.000000	5052	0.000000
5053	24.943314	5053	0.000000
5054	-0.000000	5054	0.000000
5055	264.193050	5055	0.000000
5056	149.311288	5056	0.000000
5057	-0.000000	5057	0.000000
5058	58.882636	5058	0.000000
5059	51.000000	5059	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
5060	15.000000	5060	0.000000
5061	0.000000	5061	12.608977
5062	7.071418	5062	0.000000
5063	0.000000	5063	17586.764776
5064	-0.000000	5064	0.000000
5065	12.000000	5065	0.000000
5066	3.000000	5066	0.000000
5067	19.553546	5067	0.000000
5068	0.000000	5068	0.000000
5069	-0.000000	5069	0.000000
5070	-0.000000	5070	0.000000
5071	0.000000	5071	236.348699
5072	0.000000	5072	26.520864
5073	-0.000000	5073	0.000000
5074	-0.000000	5074	0.000000
5075	-0.000000	5075	0.000000
5076	0.000000	5076	229.722335
5077	0.000000	5077	35.025427
5078	-0.000000	5078	0.000000
5079	-0.000000	5079	0.000000
5080	-0.000000	5080	0.000000
5081	0.000000	5081	267.053386
5082	0.000000	5082	384.092188
5083	0.000000	5083	373.144326
5084	0.000000	5084	-22.952542
5085	80.000000	5085	-48.272510
5086	18.445003	5086	0.000000
5087	-0.000000	5087	0.000000
5088	-0.000000	5088	0.000000
5089	752.881958	5089	0.000000
5090	242.163746	5090	0.000000
5091	608.089997	5091	0.000000
5092	-0.000000	5092	0.000000
5093	0.000000	5093	6.420600
5094	0.000000	5094	6.420600
5095	0.000000	5095	5.092200
5096	0.000000	5096	3.321000
5097	2.869489	5097	0.000000
5098	0.116099	5098	0.000000
5099	-0.000000	5099	0.000000
5100	-0.000000	5100	0.000000
5101	-0.000000	5101	0.000000
5102	-0.000000	5102	0.000000
5103	-0.000000	5103	0.000000
5104	-0.000000	5104	0.000000
5105	149.311288	5105	0.000000
5106	-0.000000	5106	0.000000
5107	-0.000000	5107	0.000000
5108	-0.000000	5108	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
5109	-0.000000	5109	0.000000
5110	0.000000	5110	29.648343
5111	-0.000000	5111	0.000000
5112	135.894719	5112	0.000000
5113	3853.607187	5113	0.000000
5114	493.913764	5114	0.000000
5115	0.000000	5115	0.021835
5116	0.000000	5116	0.000000
5117	0.000000	5117	0.017010
5118	0.000000	5118	202.452464
5119	0.000000	5119	0.000000
5120	1342.636303	5120	0.000000
5121	14.070352	5121	0.000000
5122	0.000000	5122	0.000000
5123	-0.000000	5123	0.000000
5124	56.000000	5124	0.000000
5125	53.780080	5125	0.000000
5126	239.000000	5126	0.000000
5127	225.252861	5127	0.000000
5128	166.000000	5128	0.000000
5129	159.818132	5129	0.000000
5130	0.000000	5130	0.220000
5131	461.369423	5131	0.000000
5132	17699.498230	5132	0.000000
5133	7083.759558	5133	0.000000
5134	12051.518346	5134	0.000000
5135	6125.030661	5135	0.000000
5136	751.510026	5136	0.000000
5137	79.223253	5137	0.000000
5138	74.102223	5138	0.000000
5139	259.206826	5139	0.000000
5140	240.021296	5140	0.000000
5141	30.594682	5141	0.000000
5142	28.882861	5142	0.000000
5143	0.000000	5143	0.126800
5144	6432.640432	5144	0.000000
5145	2184.833221	5145	0.000000
5146	1357.081407	5146	0.000000
5147	190.322837	5147	0.000000
5148	175.755273	5148	0.000000
5149	588.105494	5149	0.000000
5150	533.093932	5150	0.000000
5151	1184.935162	5151	0.000000
5152	1123.984800	5152	0.000000
5153	0.000000	5153	0.126800
5154	0.000000	5154	0.046999
5155	18164.093335	5155	0.000000
5156	9329.983364	5156	0.000000
5157	2637.625493	5157	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
5158	488.308967	5158	0.000000
5159	463.613908	5159	0.000000
5160	722.740570	5160	0.000000
5161	683.841820	5161	0.000000
5162	927.725986	5162	0.000000
5163	878.233042	5163	0.000000
5164	0.000000	5164	0.126800
5165	0.000000	5165	0.042121
5166	33814.997463	5166	0.000000
5167	17448.849238	5167	0.000000
5168	212.320770	5168	0.000000
5169	-0.000000	5169	0.000000
5170	-0.000000	5170	0.000000
5171	137.972092	5171	0.000000
5172	126.780696	5172	0.000000
5173	42.256268	5173	0.000000
5174	39.672935	5174	0.000000
5175	176.143930	5175	0.000000
5176	4984.266427	5176	0.000000
5177	1997.593525	5177	0.000000
5178	0.000000	5178	0.330052
5179	145.226131	5179	0.000000
5180	664.321608	5180	0.000000
5181	0.000000	5181	0.000000
5182	-0.000000	5182	0.000000
5183	0.000000	5183	0.000000
5184	-0.000000	5184	0.000000
5185	795.590862	5185	0.000000
5186	761.921834	5186	0.000000
5187	487.409138	5187	0.000000
5188	0.000000	5188	0.000000
5189	0.000000	5189	0.000000
5190	0.000000	5190	0.220000
5191	0.000000	5191	0.220000
5192	0.000000	5192	0.067000
5193	15084.907808	5193	0.000000
5194	3696.256779	5194	0.000000
5195	160.804020	5195	0.000000
5196	0.000000	5196	0.000000
5197	-0.000000	5197	0.000000
5198	102.723871	5198	0.000000
5199	92.532603	5199	0.000000
5200	283.086672	5200	0.000000
5201	266.445828	5201	0.000000
5202	0.000000	5202	0.000000
5203	0.000000	5203	0.220000
5204	-0.000000	5204	0.000000
5205	1098.622786	5205	0.000000
5206	347.572606	5206	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
5207	0.000000	5207	0.004367
5208	-0.000000	5208	0.000000
5209	276.438185	5209	0.000000
5210	428.383457	5210	0.000000
5211	385.533713	5211	0.000000
5212	-0.000000	5212	0.000000
5213	-0.000000	5213	0.000000
5214	452.000000	5214	0.000000
5215	425.153751	5215	0.000000
5216	-0.000000	5216	0.000000
5217	-0.000000	5217	0.000000
5218	247.415769	5218	0.000000
5219	9190.012011	5219	0.000000
5220	2640.242859	5220	0.000000
5221	0.000000	5221	0.000000
5222	2707.372264	5222	0.000000
5223	606.051416	5223	0.000000
5224	312.831650	5224	0.000000
5225	300.899198	5225	0.000000
5226	1096.580660	5226	0.000000
5227	1139.905807	5227	0.000000
5228	290.272000	5228	0.000000
5229	285.666043	5229	0.000000
5230	5729.386147	5230	0.000000
5231	190603.701865	5231	0.000000
5232	64027.004036	5232	0.000000
5233	0.000000	5233	0.003402
5234	330.291457	5234	0.000000
5235	302.615076	5235	0.000000
5236	528.885669	5236	0.000000
5237	470.932321	5237	0.000000
5238	80.028504	5238	0.000000
5239	76.889114	5239	0.000000
5240	65.829265	5240	0.000000
5241	63.844113	5241	0.000000
5242	1102.538071	5242	0.000000
5243	37223.468531	5243	0.000000
5244	12250.289193	5244	0.000000
5245	125.342187	5245	0.000000
5246	1.005025	5246	0.000000
5247	0.000000	5247	0.000000
5248	0.000000	5248	0.000000
5249	3.000000	5249	0.000000
5250	2.681030	5250	0.000000
5251	78.000000	5251	0.000000
5252	72.916780	5252	0.000000
5253	1147.477288	5253	0.000000
5254	1092.781515	5254	0.000000
5255	0.000000	5255	0.220000

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Coordenada x	Valor x	Coordenada z	Valor z
5256	0.000000	5256	0.067000
5257	3410.416237	5257	0.000000
5258	920.021245	5258	0.000000
5259	0.000000	5259	0.004367
5260	0.000000	5260	0.000000
5261	0.000000	5261	0.003402
5262	0.000000	5262	0.009608
5263	0.000000	5263	0.000000
5264	0.000000	5264	0.007484
5265	0.000000	5265	187.099648
5266	-0.000000	5266	0.000000
5267	0.000000	5267	0.000000
5268	0.000000	5268	0.000000
5269	-0.000000	5269	0.000000
5270	0.000000	5270	0.000000
5271	0.000000	5271	0.000000
5272	0.000000	5272	0.000000
5273	0.000000	5273	0.000000
5274	0.000000	5274	0.000000
5275	0.000000	5275	0.000000
5276	0.000000	5276	0.000000
5277	122.842640	5277	0.000000
5278	0.000000	5278	0.806931
5279	0.000000	5279	0.000000
5280	0.000000	5280	0.000000
5281	0.000000	5281	0.000000
5282	0.000000	5282	0.000000
5283	0.000000	5283	0.000000
5284	0.000000	5284	0.000000
5285	0.000000	5285	0.000000
5286	0.000000	5286	0.000000
5287	0.000000	5287	0.000000
5288	0.000000	5288	0.000000
5289	0.000000	5289	0.000000
5290	340.422335	5290	0.000000
5291	0.000000	5291	0.000000
5292	0.000000	5292	0.000000
5293	0.000000	5293	0.000000
5294	0.000000	5294	0.000000
5295	0.000000	5295	0.000000
5296	0.000000	5296	0.000000
5297	0.000000	5297	0.000000
5298	0.000000	5298	0.000000
5299	0.000000	5299	0.000000
5300	762.517766	5300	0.000000
5301	-0.000000	5301	0.000000
5302	0.000000	5302	0.000000
5303	0.000000	5303	0.000000
5304	0.000000	5304	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
5305	0.000000	5305	0.000000
5306	0.000000	5306	0.000000
5307	0.000000	5307	0.000000
5308	0.000000	5308	0.000000
5309	0.000000	5309	0.000000
5310	0.000000	5310	0.000000
5311	1424.226396	5311	0.000000
5312	-0.000000	5312	0.000000
5313	0.000000	5313	0.000000
5314	0.000000	5314	0.000000
5315	0.000000	5315	0.000000
5316	0.000000	5316	0.000000
5317	0.000000	5317	0.000000
5318	0.000000	5318	0.000000
5319	0.000000	5319	0.000000
5320	0.000000	5320	0.000000
5321	0.000000	5321	0.000000
5322	0.000000	5322	0.000000
5323	0.000000	5323	0.000000
5324	0.000000	5324	0.000000
5325	399.449036	5325	0.000000
5326	0.000000	5326	0.000000
5327	0.000000	5327	0.000000
5328	-0.000000	5328	0.000000
5329	0.000000	5329	0.000000
5330	-0.000000	5330	0.000000
5331	0.000000	5331	0.000000
5332	0.000000	5332	0.000000
5333	0.000000	5333	0.000000
5334	0.000000	5334	0.000000
5335	-0.000000	5335	0.000000
5336	-0.000000	5336	0.000000
5337	505.583756	5337	0.000000
5338	-0.000000	5338	0.000000
5339	51.489180	5339	0.000000
5340	0.000000	5340	0.000000
5341	0.000000	5341	0.000000
5342	0.000000	5342	0.000000
5343	-0.000000	5343	0.000000
5344	0.000000	5344	0.000000
5345	0.000000	5345	0.000000
5346	0.000000	5346	0.000000
5347	0.000000	5347	0.000000
5348	0.000000	5348	0.000000
5349	-0.000000	5349	0.000000
5350	41.624365	5350	0.000000
5351	0.000000	5351	59.190348
5352	0.000000	5352	0.000000
5353	0.000000	5353	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
5354	0.000000	5354	0.009608
5355	0.000000	5355	0.000000
5356	0.000000	5356	0.000000
5357	0.000000	5357	0.000000
5358	0.000000	5358	0.000000
5359	0.000000	5359	0.000000
5360	0.000000	5360	0.000000
5361	0.000000	5361	0.000000
5362	0.000000	5362	0.000000
5363	0.000000	5363	0.000000
5364	0.000000	5364	0.000000
5365	0.000000	5365	0.060237
5366	0.000000	5366	0.000000
5367	0.000000	5367	0.000000
5368	0.000000	5368	0.000000
5369	0.000000	5369	0.000000
5370	0.000000	5370	0.000000
5371	0.000000	5371	0.000000
5372	0.000000	5372	0.000000
5373	0.000000	5373	0.000000
5374	0.000000	5374	0.000000
5375	0.000000	5375	0.000000
5376	0.000000	5376	0.000000
5377	0.000000	5377	0.041691
5378	0.000000	5378	0.000000
5379	0.000000	5379	0.000000
5380	0.000000	5380	0.007484
5381	0.000000	5381	0.000000
5382	0.000000	5382	0.000000
5383	0.000000	5383	0.000000
5384	0.000000	5384	0.000000
5385	0.000000	5385	0.000000
5386	0.000000	5386	0.000000
5387	0.000000	5387	0.000000
5388	0.000000	5388	0.000000
5389	0.000000	5389	0.008024
5390	0.000000	5390	0.000000
5391	0.000000	5391	0.000000
5392	0.000000	5392	0.000000
5393	0.000000	5393	0.000000
5394	-0.000000	5394	0.000000
5395	-0.000000	5395	0.000000
5396	0.000000	5396	0.000000
5397	0.000000	5397	0.000000
5398	0.000000	5398	0.000000
5399	0.000000	5399	0.000000
5400	0.000000	5400	0.000000
5401	0.000000	5401	0.000000
5402	156.345178	5402	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
5403	2.142526	5403	0.000000
5404	0.000000	5404	0.000000
5405	0.000000	5405	0.000000

3 Variáveis Duais (Multiplicadores de Lagrange)

Tabela 2: Variáveis duais do problema greenbeb

Coordenada y	Valor y
1	0.119341
2	0.556356
3	-0.042427
4	-0.044299
5	0.906515
6	-0.010938
7	-0.068571
8	77.047458
9	0.097242
10	0.058662
11	-0.102253
12	-0.000000
13	0.028820
14	-5.817804
15	0.055557
16	-0.000000
17	-0.057713
18	-0.042065
19	-0.000000
20	-0.047894
21	0.238618
22	0.001036
23	0.261408
24	0.100450
25	0.320176
26	0.099354
27	-0.282024
28	-0.035357
29	0.000816
30	0.476667
31	0.055547
32	-0.061582
33	0.068319
34	-0.027113
35	28.568673
36	2.225613
37	0.042033

Continua na próxima página

Coordenada y	Valor y
38	0.090262
39	-0.000000
40	-0.000000
41	-0.000000
42	-0.000000
43	213.373025
44	0.103504
45	-0.000000
46	-0.157000
47	-0.157000
48	98.358589
49	100.000000
50	99.589647
51	-0.000000
52	-0.000000
53	77.400202
54	-6588.106463
55	-0.000000
56	-0.000000
57	-511.760526
58	-0.000000
59	380.350366
60	6.002741
61	99.589647
62	-420.814792
63	78.203202
64	6.229151
65	-0.000000
66	-0.000000
67	-6.231020
68	-0.000000
69	-0.000000
70	4.876699
71	-32.217793
72	0.078846
73	-2.867811
74	-1.887687
75	-37.978431
76	-15.741131
77	-3.594791
78	-8.832230
79	-0.450725
80	-0.696191
81	-0.903219
82	-1.139263
83	-0.906813
84	6.492068
85	6.492068
86	6.128617

Continua na próxima página

Coordenada y	Valor y
87	6.128617
88	6.310343
89	6.310343
90	-14.130630
91	-13.077610
92	-11.885803
93	2.079773
94	2.079773
95	2.079773
96	-12.371549
97	2.079773
98	-0.711588
99	-0.951622
100	-18.342709
101	-12.349049
102	6.648886
103	7.167401
104	5.187777
105	-17.971055
106	-4.979299
107	-31.050381
108	-19.145812
109	-20.448748
110	-19.542185
111	-5.943741
112	-5.943741
113	1.620504
114	4.689468
115	1.307816
116	6.586566
117	-3.134605
118	6.586566
119	6.586566
120	6.586566
121	228.533324
122	-21.501768
123	2.274877
124	4.614877
125	-2.089726
126	-2.770082
127	3.873448
128	0.873448
129	-1.862288
130	-6.596238
131	7.131742
132	7.102666
133	-0.844273
134	-5.839801
135	-15.865015
Continua na próxima página	

Coordenada y	Valor y
136	-12.588371
137	-5.879185
138	-13.829470
139	-1.930174
140	-17.723285
141	-15.059765
142	-3.215285
143	-19.891267
144	-36.739584
145	109.627461
146	-3.532636
147	2.604050
148	4.129632
149	-1.959127
150	1.038950
151	-13.534435
152	-11.985685
153	-0.903219
154	-2.096487
155	0.237823
156	-0.000000
157	0.237823
158	-0.000000
159	0.237823
160	-32.031966
161	-19.145812
162	-3.425528
163	-20.015152
164	-20.015152
165	-34.695487
166	-20.015152
167	-20.015152
168	-20.015152
169	-11.560196
170	-35.067141
171	48.736497
172	-2.275686
173	-0.699323
174	-11.390000
175	114.028613
176	-0.000000
177	-32.093909
178	-10.141899
179	-39.217278
180	-0.000000
181	-15.617246
182	4.876699
183	-0.000000
184	-0.000000

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Coordenada y	Valor y
185	-18.342709
186	-23.421981
187	-26.147444
188	-19.643498
189	-19.581556
190	-21.811480
191	-15.865015
192	-20.448748
193	-22.678673
194	-16.608323
195	-16.732208
196	-18.590478
197	3.752840
198	3.387833
199	3.438624
200	3.516918
201	3.711279
202	3.105522
203	2.294190
204	7.473908
205	11.381552
206	3.027228
207	4.102116
208	4.092459
209	4.971906
210	7.148927
211	6.373183
212	7.837503
213	7.894754
214	8.197344
215	7.333900
216	8.729261
217	8.911480
218	8.698525
219	9.422679
220	8.186347
221	9.754121
222	-14.222708
223	133.261290
224	60.259825
225	273.945090
226	149.475389
227	-0.000000
228	-0.000000
229	-0.000000
230	-0.000000
231	-0.000000
232	-8.099552
233	-7.900990

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Coordenada y	Valor y
234	-20.448748
235	-21.501768
236	4.448488
237	197.227143
238	252.491459
239	-24.165289
240	-22.678673
241	262.334419
242	9.520765
243	2.369738
244	-13.201495
245	7.218971
246	-0.000000
247	50.908829
248	26.733816
249	26.733816
250	-15.274029
251	-15.274029
252	-0.000000
253	-0.000000
254	-0.000000
255	-0.000000
256	-0.000000
257	1.048250
258	1.030117
259	-0.000000
260	-0.290796
261	0.357584
262	-0.000000
263	2.691970
264	0.463959
265	1.925501
266	-17579.798532
267	-0.000000
268	-0.000000
269	-0.000000
270	-0.000000
271	-0.000000
272	33.612723
273	-0.000000
274	33.612723
275	-4.828369
276	-2.414185
277	-4.828369
278	-2.414185
279	-0.726902
280	-0.000000
281	-0.000000
282	-26.953456

Continúa na próxima página

Coordenada y	Valor y
283	-0.000000
284	-61.942341
285	-0.000000
286	-28.365934
287	-0.000000
288	-28.365934
289	-2.414185
290	-2.414185
291	100.000000
292	100.000000
293	-5.706413
294	-6587.009260
295	-0.000000
296	-0.000000
297	-0.204340
298	-0.380328
299	2.319936
300	1.622582
301	-6.109777
302	5.418482
303	1.673436
304	2.193543
305	5.022065
306	0.802339
307	0.809342
308	1.755545
309	-2.619144
310	-1.517729
311	-0.357778
312	-1.513853
313	-0.357538
314	1.814232
315	-0.326188
316	-0.326188
317	-0.329434
318	-0.331350
319	-0.327877
320	-0.328274
321	-0.348290
322	-0.348290
323	-0.348290
324	-0.348290
325	0.811903
326	-0.042427
327	64.500000
328	-0.332064
329	-0.326814
330	0.396430
331	1.723703
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Coordenada y	Valor y
332	-0.380328
333	-0.380328
334	-0.380328
335	-0.380328
336	-0.380328
337	-0.380328
338	-0.380328
339	-0.380328
340	-0.380328
341	-21.374921
342	5.845103
343	-0.328472
344	2.944356
345	-0.327481
346	-0.327613
347	-0.328274
348	0.424348
349	3.863213
350	1.600218
351	1.600218
352	0.079086
353	0.809884
354	2.143147
355	2.143147
356	-0.387359
357	-3.728004
358	0.915562
359	-0.325189
360	-0.325313
361	0.417234
362	4.901022
363	1.024646
364	8.111567
365	1.167323
366	0.022872
367	65.750000
368	6.854233
369	-3.863902
370	1.060168
371	1.035862
372	-0.395129
373	8.634355
374	1.473726
375	3.377718
376	2.473598
377	9.903707
378	2.724680
379	2.175294
380	0.300114

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Coordenada y	Valor y
381	-3.921860
382	70.691362
383	3.311938
384	-1.513853
385	-0.000000
386	-0.000000
387	-0.373591
388	-0.000000
389	1.682868
390	100.000000
391	-0.412944
392	-0.000000
393	4.348545
394	-0.000000
395	-0.000000
396	-0.409585
397	5.722804
398	-0.375049
399	5.360355
400	0.436098
401	-0.396326
402	-0.388072
403	12.661549
404	15.491205
405	0.285495
406	-0.000000
407	4.029358
408	2.190312
409	3.926376
410	2.989959
411	4.714170
412	3.402263
413	3.973030
414	2.004425
415	3.522497
416	2.923865
417	4.580352
418	3.283195
419	-21.469238
420	-19.542728
421	-19.009233
422	-20.254055
423	-21.291407
424	-18.090436
425	-15.660070
426	-16.489951
427	-16.964169
428	-17.734773
429	-9.537011
Continúa na próxima página	

Coordenada y	Valor y
430	-21.477574
431	-9.698940
432	-20.757050
433	-13.931737
434	-25.915030
435	-13.167399
436	-25.131298
437	-190.665530
438	-52.649060
439	-32.554080
440	-33.117213
441	-0.443570
442	-0.443570
443	-0.443570
444	1.554600
445	-0.396971
446	1.492549
447	2.191347
448	0.760674
449	-0.443169
450	-0.443169
451	-0.443169
452	311.223553
453	341.347773
454	273.273275
455	307.380609
456	451.625433
457	1027.058207
458	1118.701954
459	331.388577
460	414.234064
461	13.505953
462	107.510926
463	-0.414105
464	79.173474
465	181.846300
466	-0.324717
467	-0.000000
468	-0.000000
469	-0.000000
470	-35.873604
471	-0.400334
472	-0.400334
473	-0.400334
474	0.556000
475	8.918965
476	1.840719
477	1.230295
478	1.411199

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Coordenada y	Valor y
479	0.441266
480	-0.012171
481	2.667637
482	0.554675
483	-1.276000
484	-0.000000
485	-0.000000
486	-0.000000
487	29.638614
488	-0.000000
489	-0.000000
490	-0.000000
491	-0.003101
492	-0.000661
493	-0.000000
494	-0.000000
495	-0.000000
496	-0.000000
497	-0.000000
498	-0.000000
499	-0.000000
500	0.817759
501	0.691908
502	0.403771
503	0.645064
504	1.817942
505	0.711312
506	0.918433
507	0.479006
508	0.537484
509	1.201418
510	0.422991
511	3.641705
512	0.395365
513	-0.000000
514	0.114122
515	0.627901
516	0.488558
517	0.928041
518	0.671131
519	1.200009
520	-0.337811
521	1.002367
522	-0.577793
523	0.993618
524	0.348508
525	0.947879
526	-0.074982
527	0.814498

Continúa na próxima página

Coordenada y	Valor y
528	0.369758
529	-0.000000
530	0.577293
531	-0.042427
532	0.260432
533	0.897880
534	0.979999
535	0.449315
536	0.451961
537	-0.000000
538	0.403771
539	-0.000000
540	-0.000000
541	0.403771
542	-0.040377
543	0.403771
544	0.403771
545	0.403771
546	0.403771
547	1.040558
548	1.022900
549	3.891189
550	0.185043
551	0.681157
552	1.002367
553	0.893418
554	0.348508
555	0.429374
556	0.448202
557	0.516205
558	0.510690
559	0.510690
560	0.441184
561	0.405914
562	0.379696
563	0.379696
564	0.411235
565	2.011100
566	0.408702
567	0.975123
568	0.975123
569	0.409679
570	0.980763
571	1.165398
572	1.091913
573	0.468577
574	0.436740
575	0.265479
576	0.740305

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Coordenada y	Valor y
577	2.084411
578	100.000000
579	0.467607
580	1.217955
581	0.514864
582	1.327373
583	0.472599
584	0.432617
585	0.405144
586	0.539989
587	0.441615
588	1.130734
589	0.385391
590	0.385391
591	0.861485
592	2.115677
593	0.385391
594	0.285431
595	2.282973
596	0.488558
597	0.423734
598	0.430960
599	2.028750
600	0.427984
601	0.440126
602	0.403771
603	0.438397
604	0.409369
605	0.444567
606	0.416169
607	0.413322
608	7.799923
609	-0.000000
610	8.586211
611	0.398166
612	2.847622
613	0.481737
614	4.014374
615	-0.000000
616	17.675328
617	0.795965
618	0.653683
619	0.383720
620	0.817759
621	3.346863
622	3.532350
623	5.660755
624	3.259248
625	3.824202

Continua na próxima página

Coordenada y	Valor y
626	4.484328
627	4.162256
628	4.484220
629	7.223646
630	4.035401
631	4.848688
632	5.575820
633	1.154174
634	1.257080
635	1.306009
636	1.218370
637	1.162833
638	1.334025
639	1.446876
640	1.417863
641	1.392056
642	1.351902
643	1.122830
644	1.126360
645	1.159573
646	0.887353
647	1.014741
648	1.029033
649	1.180439
650	0.917594
651	1.059722
652	1.066970
653	1.231653
654	1.160567
655	1.312842
656	1.450882
657	1.628126
658	-0.000000
659	-0.458948
660	0.609306
661	0.480064
662	0.470910
663	0.470910
664	0.470910
665	0.592708
666	0.514793
667	2.292515
668	0.708622
669	1.491583
670	0.470485
671	0.470485
672	0.470485
673	0.461900
674	3.520170
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Coordenada y	Valor y
675	3.566607
676	11.368392
677	0.430195
678	32.267282
679	30.280854
680	5.716049
681	19.826032
682	17.408715
683	41.390742
684	1.989359
685	31.097323
686	0.438312
687	0.475798
688	4.732360
689	3.849757
690	8.591532
691	4.185183
692	1.056856
693	-0.000000
694	-0.000000
695	-0.000000
696	-0.664766
697	0.425009
698	0.425009
699	0.425009
700	-0.000000
701	0.308476
702	0.660321
703	0.544883
704	0.477447
705	0.475766
706	0.012921
707	2.973701
708	0.177653
709	-1.276000
710	-0.130774
711	-0.000000
712	-0.000000
713	-0.000000
714	2.325399
715	1.538532
716	-0.560126
717	-0.280063
718	-0.000000
719	-0.544883
720	-0.000000
721	-0.000000
722	-0.000000
723	-0.000000

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Coordenada y	Valor y
724	-0.000000
725	-0.000000
726	-0.280063
727	0.909628
728	0.424882
729	-0.000000
730	0.665951
731	1.841439
732	0.785709
733	0.880200
734	0.497143
735	0.552308
736	1.239737
737	0.443089
738	3.675067
739	0.413227
740	-0.000000
741	0.174671
742	0.682189
743	0.522843
744	0.956437
745	0.685076
746	1.013216
747	-0.119399
748	1.013216
749	-0.541184
750	0.920514
751	0.364571
752	0.959616
753	-0.053858
754	0.827459
755	0.386801
756	-0.000000
757	0.600504
758	-0.042427
759	-0.000000
760	0.910569
761	0.991348
762	0.472236
763	0.469161
764	-0.000000
765	-0.000000
766	-0.000000
767	-0.000000
768	-0.000000
769	-0.000000
770	0.422726
771	0.422151
772	0.421576

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Coordenada y	Valor y
773	0.421288
774	1.109378
775	1.087323
776	3.871294
777	0.209216
778	0.669738
779	1.013216
780	0.906043
781	0.370016
782	0.444066
783	0.467464
784	0.540821
785	0.539637
786	0.567450
787	0.461110
788	0.424037
789	0.449280
790	0.413622
791	0.428547
792	2.136605
793	0.427603
794	0.986416
795	0.986416
796	0.427104
797	0.930027
798	1.185701
799	1.049849
800	0.483669
801	0.457093
802	-0.000000
803	0.703163
804	2.214491
805	0.487668
806	1.229328
807	0.539364
808	1.272867
809	0.493416
810	0.452999
811	0.419904
812	0.513886
813	0.460933
814	1.145919
815	0.426740
816	0.440240
817	0.901695
818	2.247708
819	0.421638
820	-0.000000
821	2.261999

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Coordenada y	Valor y
822	0.522843
823	0.441659
824	0.448391
825	2.053225
826	0.445107
827	0.437592
828	-0.000000
829	0.455880
830	0.428751
831	0.446717
832	0.435754
833	0.432749
834	7.733417
835	-0.000000
836	8.528266
837	0.424666
838	2.806354
839	0.504814
840	3.949946
841	-0.000000
842	17.764914
843	0.739660
844	0.694401
845	0.402753
846	0.909628
847	1.425105
848	1.460968
849	3.212144
850	1.341529
851	1.625268
852	2.318155
853	1.699609
854	1.780998
855	3.790308
856	1.601734
857	1.971000
858	2.699111
859	1.258574
860	1.364524
861	1.419326
862	1.324514
863	1.267307
864	1.443608
865	1.556159
866	1.529570
867	1.502896
868	1.461773
869	1.227717
870	1.231431

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Coordenada y	Valor y
871	1.264258
872	0.997413
873	1.136807
874	1.122009
875	1.289684
876	1.047519
877	1.200667
878	1.175430
879	1.359093
880	1.288179
881	1.422021
882	1.589715
883	1.751991
884	-0.000000
885	-0.391500
886	0.707488
887	0.553104
888	0.493212
889	0.493279
890	0.493192
891	0.810987
892	0.723006
893	2.541021
894	0.940154
895	0.430893
896	0.434548
897	1.735331
898	0.488416
899	0.489254
900	0.488208
901	0.480228
902	5.195956
903	4.061601
904	12.590172
905	0.450691
906	39.893712
907	0.434165
908	8.004882
909	25.956777
910	21.346426
911	47.045390
912	6.278087
913	39.552385
914	0.456266
915	0.495436
916	5.369898
917	3.870002
918	8.834647
919	3.976846

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Coordenada y	Valor y
920	0.689178
921	1.066816
922	-0.000000
923	-0.000000
924	-0.000000
925	-0.839263
926	0.445507
927	0.445507
928	0.445507
929	0.169619
930	0.290077
931	0.680227
932	0.536000
933	0.470674
934	0.574966
935	0.458000
936	-0.000000
937	1.004349
938	0.172000
939	-1.276000
940	-0.133244
941	-0.000000
942	-0.000000
943	-0.000000
944	2.554940
945	1.913739
946	-0.697915
947	-0.348957
948	-0.000000
949	-0.536000
950	-0.000606
951	-0.000000
952	-0.000606
953	-0.000000
954	-0.000606
955	-0.000000
956	-0.348957
957	99.074390
958	108.201647
959	100.000000
960	-0.000000
961	107.365590
962	106.627857
963	108.055116
964	-0.000000
965	103.426249
966	107.084956
967	111.460427
968	114.775737

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Coordenada y	Valor y
969	110.029310
970	103.639782
971	102.169492
972	103.639782
973	102.169492
974	103.538332
975	102.929926
976	105.276407
977	102.220070
978	104.877860
979	103.548965
980	-0.042427
981	86.737692
982	104.041681
983	104.212173
984	96.849735
985	-0.000000
986	100.000000
987	100.000000
988	100.000000
989	100.000000
990	100.000000
991	100.000000
992	100.000000
993	113.794080
994	102.752462
995	100.220988
996	103.639782
997	103.521503
998	102.929926
999	104.014871
1000	104.014871
1001	107.279607
1002	107.375285
1003	99.075509
1004	104.014871
1005	104.014871
1006	98.745033
1007	95.057034
1008	107.511374
1009	103.693704
1010	103.610205
1011	108.163776
1012	98.765556
1013	88.418655
1014	99.830045
1015	98.522167
1016	111.311832
1017	105.155837

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Coordenada y	Valor y
1018	106.759008
1019	101.493219
1020	109.119273
1021	100.000000
1022	100.000000
1023	100.000000
1024	95.063652
1025	100.000000
1026	100.000000
1027	99.694207
1028	99.694207
1029	112.434700
1030	99.694207
1031	134.477042
1032	96.447640
1033	109.433402
1034	99.907551
1035	99.907551
1036	122.845802
1037	99.907551
1038	99.423176
1039	116.174279
1040	100.893342
1041	100.924847
1042	95.348590
1043	115.634201
1044	115.586411
1045	117.008093
1046	115.562963
1047	115.431793
1048	116.836270
1049	116.615320
1050	116.693109
1051	118.898261
1052	116.497532
1053	116.422676
1054	118.108849
1055	98.812668
1056	98.719766
1057	98.733752
1058	98.752731
1059	98.648842
1060	98.528969
1061	98.568927
1062	98.590903
1063	98.837641
1064	98.835643
1065	98.796685
1066	106.280079
Continúa na próxima página	

Coordenada y	Valor y
1067	109.731883
1068	105.578310
1069	109.886128
1070	104.833092
1071	109.804163
1072	105.302290
1073	109.927505
1074	109.233305
1075	108.277953
1076	113.893108
1077	114.108520
1078	-0.000000
1079	99.931479
1080	99.159299
1081	99.128332
1082	-0.000000
1083	100.135118
1084	100.135118
1085	100.135118
1086	100.135118
1087	100.135118
1088	100.135118
1089	99.317299
1090	109.097333
1091	100.744978
1092	341.618153
1093	99.857771
1094	121.524676
1095	99.957217
1096	98.983060
1097	372.078947
1098	99.973480
1099	960.386565
1100	99.431082
1101	99.601758
1102	98.975948
1103	100.440911
1104	100.440911
1105	101.709999
1106	205.507413
1107	133.243328
1108	103.698937
1109	100.000000
1110	108.050185
1111	99.156475
1112	99.349098
1113	22.106128
1114	-0.000000
1115	5.096497

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Coordenada y	Valor y
1116	0.900000
1117	104.499138
1118	2.872862
1119	4.635000
1120	4.879000
1121	3.200000
1122	9.929000
1123	1.572000
1124	-1.276000
1125	-140.981688
1126	-7485.844415
1127	-0.000000
1128	-0.000000
1129	0.770343
1130	-0.000000
1131	-0.000000
1132	-0.998938
1133	-0.499469
1134	0.000000
1135	-0.591547
1136	-122.811824
1137	-0.000000
1138	-0.000000
1139	-7.111471
1140	-1.498970
1141	-0.000000
1142	-0.499469
1143	-0.000000
1144	7.502896
1145	79.430202
1146	-16.354780
1147	-0.000000
1148	98.358589
1149	99.589647
1150	77.400202
1151	-0.000000
1152	-0.000000
1153	77.370432
1154	77.769901
1155	76.984291
1156	80.920649
1157	84.697969
1158	-0.000000
1159	83.731000
1160	-0.000000
1161	-0.000000
1162	327.653728
1163	327.653728
1164	97.589560

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Coordenada y	Valor y
1165	97.589560
1166	212.621644
1167	212.621644
1168	90.380750
1169	89.868540
1170	90.313958
1171	90.091249
1172	-0.000000
1173	-0.000000
1174	-0.042427
1175	1.741500
1176	98.358589
1177	100.000000
1178	98.358589
1179	99.589647
1180	-0.000000
1181	-7388.193314
1182	-7388.193314
1183	-7388.193314
1184	2.700000
1185	-6855.149937
1186	-6588.628249
1187	77.400202
1188	77.400202
1189	-18.036780
1190	-18.036780
1191	-18.036780
1192	-18.036780
1193	-18.036780
1194	63.518698
1195	98.462853
1196	63.577078
1197	98.462853
1198	98.462853
1199	98.462853
1200	11.202749
1201	11.202749
1202	78.521410
1203	77.553077
1204	-13.762459
1205	-13.762459
1206	-17.766229
1207	99.502488
1208	99.447040
1209	75.677142
1210	67.102360
1211	5.949628
1212	64.738563
1213	-17.766229

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Coordenada y	Valor y
1214	1.775250
1215	66.002347
1216	81.328253
1217	40.569890
1218	-18.690073
1219	-13.968896
1220	1.908667
1221	-0.000000
1222	83.731000
1223	76.351701
1224	76.323031
1225	76.316618
1226	2.700000
1227	-7343.299779
1228	-7343.299779
1229	-7343.299779
1230	64.426726
1231	68.793809
1232	70.769357
1233	-0.000000
1234	-0.000000
1235	-0.000000
1236	-0.000000
1237	-0.000000
1238	-0.000000
1239	-0.000000
1240	-0.000000
1241	-0.000000
1242	-0.000000
1243	-0.000000
1244	-0.000000
1245	-0.000000
1246	-17.766229
1247	-17.766229
1248	-17.766229
1249	-17.766229
1250	-17.766229
1251	-17.766229
1252	-17.766229
1253	-17.766229
1254	-17.766229
1255	-17.766229
1256	-17.766229
1257	-17.766229
1258	-17.766229
1259	-14.449771
1260	-16.994739
1261	13.688023
1262	15.691183

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Coordenada y	Valor y
1263	-15.043552
1264	-17.766229
1265	14.135090
1266	16.300530
1267	-245.471529
1268	73.928655
1269	74.312967
1270	-1929.127234
1271	-7497.220473
1272	73.897651
1273	71.794300
1274	71.608569
1275	-4128.784237
1276	-4098.927613
1277	71.797636
1278	81.044469
1279	81.553886
1280	-183.863715
1281	-0.000000
1282	99.668829
1283	-0.000000
1284	-0.000000
1285	129.099041
1286	130.636847
1287	-17.766229
1288	-0.000000
1289	-0.000000
1290	0.073229
1291	0.037800
1292	67.243579
1293	0.222700
1294	0.445700
1295	-0.000000
1296	1.379800
1297	0.086400
1298	1.409500
1299	0.240800
1300	-0.000000
1301	1.636817
1302	-0.000000
1303	-0.000000
1304	-0.000000
1305	-0.000000
1306	-0.000000
1307	-0.000000
1308	-0.000000
1309	-1.386179
1310	-0.000000
1311	-0.000000

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Coordenada y	Valor y
1312	-6413.362252
1313	-0.000000
1314	-6413.362252
1315	-0.021538
1316	-44.877464
1317	-46.212366
1318	-0.000000
1319	-0.000000
1320	-10.503400
1321	19.658546
1322	-25.824158
1323	-17.172842
1324	-38.571434
1325	-65.707071
1326	-90.938679
1327	-56.288970
1328	-77.580278
1329	-89.486080
1330	-90.938679
1331	-90.938679
1332	-90.938679
1333	-90.938679
1334	-90.938679
1335	-90.938679
1336	-84.406588
1337	-84.406588
1338	-84.406588
1339	-84.406588
1340	73.366426
1341	-91.395658
1342	100.000000
1343	-6.861447
1344	-42.262490
1345	-142.975813
1346	-122.160959
1347	-90.938679
1348	-77.031892
1349	-87.463199
1350	-77.031892
1351	-54.242999
1352	-42.262490
1353	-254.341929
1354	-129.394768
1355	-152.465111
1356	26.104603
1357	-90.938679
1358	26.104603
1359	-90.938679
1360	-90.938679

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Coordenada y	Valor y
1361	-90.938679
1362	248.559745
1363	248.559745
1364	-18.665543
1365	-21.261888
1366	-90.938679
1367	83.997285
1368	83.997285
1369	-29.150992
1370	-916.808801
1371	-29.712914
1372	99.502488
1373	-90.938679
1374	-20.686357
1375	11.307342
1376	74.788256
1377	21.234619
1378	152.957008
1379	15.802713
1380	-90.938679
1381	-25.321019
1382	11.869264
1383	-35.292124
1384	100.000000
1385	-964.482858
1386	85.257245
1387	80.408876
1388	-42.262490
1389	-56.288970
1390	-0.000000
1391	-0.000000
1392	-43.199025
1393	-0.000000
1394	113.746397
1395	18.612319
1396	-90.938679
1397	-90.938679
1398	-90.938679
1399	-90.938679
1400	-90.938679
1401	13.929642
1402	22.358461
1403	4.376979
1404	-3.864533
1405	50.395417
1406	-0.000000
1407	-90.938679
1408	-90.938679
1409	-90.938679

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Coordenada y	Valor y
1410	-90.938679
1411	-90.938679
1412	-90.938679
1413	-90.938679
1414	-90.938679
1415	-90.938679
1416	-90.938679
1417	-90.938679
1418	-90.938679
1419	-204.032573
1420	-192.636929
1421	-194.916058
1422	-196.739361
1423	-203.120922
1424	-184.432066
1425	-215.884043
1426	-175.315551
1427	-178.050505
1428	-182.608763
1429	-173.036422
1430	-173.036422
1431	-182.152937
1432	77.866330
1433	78.456053
1434	261.635045
1435	292.429163
1436	75.992094
1437	77.667743
1438	267.398000
1439	300.596604
1440	-0.000000
1441	-38.890962
1442	-38.890962
1443	-38.890962
1444	1425.254871
1445	1635.019421
1446	-90.938679
1447	-90.938679
1448	-16.976031
1449	1516.522274
1450	3251.726100
1451	-90.938679
1452	-90.938679
1453	-8.359904
1454	621.452697
1455	740.130211
1456	-90.938679
1457	-90.938679
1458	-0.000000
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Coordenada y	Valor y
1459	-90.938679
1460	-247.363769
1461	-3135.903827
1462	-0.000000
1463	-0.000000
1464	-0.000000
1465	0.279617
1466	-0.946954
1467	-0.000000
1468	-22.918837
1469	-2.921403
1470	-0.000000
1471	-43.886737
1472	0.125554
1473	-7296.153697
1474	-0.000000
1475	-0.000000
1476	187.307104
1477	-0.000000
1478	4558.257546
1479	-0.000000
1480	-0.000000
1481	-0.000000
1482	-0.000000
1483	-0.000000
1484	-126.303721
1485	-0.000000
1486	-0.000000
1487	-0.000000
1488	-0.000000
1489	-0.000000
1490	17292.483015
1491	-0.000000
1492	-7393.249109
1493	-17585.015294
1494	-2.100000
1495	-0.000000
1496	7.094482
1497	7.123645
1498	-0.000000
1499	7.100893
1500	-0.000000
1501	7.094482
1502	7.681281
1503	7.665969
1504	7.735744
1505	11.471630
1506	7.364016
1507	10.975462

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Coordenada y	Valor y
1508	10.581429
1509	8.738295
1510	7.826640
1511	11.349739
1512	11.554036
1513	7.681281
1514	7.679037
1515	8.334002
1516	8.229195
1517	8.877480
1518	8.042858
1519	7.681281
1520	7.681281
1521	7.681281
1522	7.681281
1523	6.760425
1524	7.681281
1525	7.681281
1526	7.681281
1527	7.681281
1528	8.203008
1529	8.851610
1530	7.681281
1531	32.764974
1532	5.400176
1533	7.190776
1534	7.412967
1535	7.844020
1536	7.681281
1537	7.665969
1538	7.655760
1539	9.914149
1540	7.571921
1541	10.479809
1542	7.311614
1543	16.307148
1544	15.117534
1545	-23.166007
1546	22.484539
1547	248.124922
1548	7.681281
1549	6.953946
1550	7.189668
1551	7.226548
1552	10.757677
1553	6.109399
1554	7.241992
1555	10.955805
1556	7.173614

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Coordenada y	Valor y
1557	6.810146
1558	7.316332
1559	6.430947
1560	6.966830
1561	10.657179
1562	7.224150
1563	7.556109
1564	11.326642
1565	17.185312
1566	8.129408
1567	6.229151
1568	18.442033
1569	15.234436
1570	6.112343
1571	5.873876
1572	7.681281
1573	8.932503
1574	8.813047
1575	15.033651
1576	7.954450
1577	9.510652
1578	15.033651
1579	134.575004
1580	12.717411
1581	7.120384
1582	4.636952
1583	6.204029
1584	6.362308
1585	6.930762
1586	6.697166
1587	13.525838
1588	8.229195
1589	10.399057
1590	25.744123
1591	1032.858033
1592	10.708058
1593	553.198200
1594	10.708058
1595	88.988061
1596	14.003462
1597	19.459331
1598	10.708058
1599	9.424812
1600	9.473993
1601	15.514297
1602	26.603817
1603	1033.693039
1604	8.143570
1605	11.658513

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Coordenada y	Valor y
1606	553.995449
1607	11.567751
1608	26.235520
1609	20.431568
1610	7.810566
1611	19.407443
1612	60.291266
1613	15.033651
1614	11.824066
1615	16.806450
1616	8.057338
1617	33.554656
1618	5.898508
1619	6.770116
1620	119.183087
1621	12.792068
1622	31.134297
1623	19.351556
1624	11.160664
1625	24.040268
1626	8.070424
1627	10.638591
1628	8.238825
1629	7.094482
1630	7.123645
1631	7.103829
1632	7.094482
1633	7.094482
1634	7.681281
1635	7.681281
1636	7.681281
1637	7.681281
1638	7.681281
1639	7.681281
1640	7.681281
1641	13.792557
1642	15.572490
1643	17.451375
1644	13.745075
1645	15.130201
1646	15.297613
1647	7.268018
1648	7.798560
1649	7.197047
1650	7.474916
1651	7.092704
1652	7.053846
1653	9.161752
1654	7.285021
Continúa na próxima página	

Coordenada y	Valor y
1655	8.631994
1656	7.237572
1657	7.142361
1658	7.183592
1659	7.045724
1660	7.143599
1661	7.812854
1662	7.743844
1663	7.809842
1664	7.960757
1665	8.003856
1666	8.043857
1667	8.002110
1668	8.269217
1669	7.872915
1670	6.880294
1671	8.586224
1672	7.974228
1673	7.542614
1674	7.786392
1675	10.185929
1676	10.072756
1677	13.830067
1678	7.681281
1679	7.681281
1680	7.681281
1681	7.681281
1682	7.681281
1683	10.092779
1684	10.122550
1685	10.092779
1686	10.102702
1687	7.681281
1688	43.267674
1689	10.092779
1690	10.092779
1691	10.943477
1692	24.829339
1693	19.120264
1694	31.131200
1695	10.192017
1696	9.596586
1697	19.451186
1698	15.595234
1699	25.151345
1700	9.955318
1701	7.681281
1702	5.275250
1703	7.293477

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Coordenada y	Valor y
1704	6.892190
1705	7.681281
1706	7.655760
1707	-0.952477
1708	7.681281
1709	0.894050
1710	-0.000000
1711	-0.000000
1712	-0.000000
1713	-0.000000
1714	3.749855
1715	0.068994
1716	7.440838
1717	0.658833
1718	0.726092
1719	-0.000000
1720	1.583277
1721	0.620653
1722	0.896301
1723	4.203311
1724	1.177516
1725	0.286324
1726	-0.000000
1727	-0.000000
1728	-0.000000
1729	1.323347
1730	-0.000000
1731	-0.000000
1732	0.015581
1733	0.279952
1734	-1.478744
1735	-1.276000
1736	0.021835
1737	-17585.686483
1738	-0.786127
1739	-0.087341
1740	0.948455
1741	-0.000000
1742	-0.000000
1743	9.923859
1744	1.918589
1745	-0.000000
1746	9.787481
1747	-0.142506
1748	-0.109620
1749	-0.462182
1750	-0.000000
1751	-0.000000
1752	-0.000000

Continúa na próxima página

Coordenada y	Valor y
1753	-0.000000
1754	-0.000000
1755	-0.000000
1756	-0.000000
1757	-1.918589
1758	-0.109620
1759	6.565987
1760	6.570268
1761	-0.000000
1762	6.564488
1763	-0.000000
1764	6.565987
1765	6.390469
1766	6.245394
1767	6.455892
1768	7.363209
1769	6.422032
1770	6.174396
1771	6.170323
1772	6.390469
1773	6.390469
1774	9.656040
1775	6.245937
1776	6.390469
1777	6.208454
1778	6.268083
1779	6.845961
1780	6.430719
1781	7.004176
1782	6.545053
1783	6.396109
1784	6.055610
1785	6.372614
1786	6.231716
1787	5.884107
1788	6.384367
1789	6.331692
1790	6.377499
1791	6.354595
1792	6.422977
1793	6.996645
1794	6.364266
1795	5.937800
1796	-0.042427
1797	3.559875
1798	6.404649
1799	6.626840
1800	6.373700
1801	6.257033

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Coordenada y	Valor y
1802	6.245394
1803	6.237635
1804	6.168868
1805	15.887852
1806	6.525487
1807	8.969207
1808	6.124060
1809	-0.784408
1810	242.450028
1811	6.258020
1812	6.135831
1813	6.285558
1814	6.414605
1815	6.175341
1816	4.027405
1817	6.427998
1818	6.186649
1819	6.354905
1820	5.983206
1821	6.568896
1822	6.280685
1823	4.239374
1824	5.768592
1825	6.215885
1826	6.593706
1827	6.593706
1828	6.852446
1829	6.160953
1830	6.558645
1831	4.106347
1832	6.127842
1833	6.153698
1834	5.396479
1835	3.872144
1836	6.390469
1837	7.211248
1838	6.155935
1839	6.397147
1840	7.982879
1841	6.124060
1842	127.401636
1843	6.993351
1844	6.285752
1845	6.337833
1846	5.477426
1847	4.194207
1848	6.091837
1849	4.414954
1850	8.045798

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Coordenada y	Valor y
1851	6.430719
1852	6.213528
1853	6.417384
1854	1013.004709
1855	29.629233
1856	527.246824
1857	6.165522
1858	34.410276
1859	6.215181
1860	20.334183
1861	74.864320
1862	5.884107
1863	7.282017
1864	6.245394
1865	6.225762
1866	7.166786
1867	1013.732591
1868	6.513364
1869	30.457753
1870	527.941793
1871	6.914924
1872	10.266808
1873	21.181690
1874	6.390469
1875	6.276589
1876	75.528908
1877	-0.000000
1878	6.516656
1879	16.714456
1880	56.327942
1881	6.124060
1882	7.923081
1883	10.146037
1884	3.888383
1885	4.462959
1886	115.794130
1887	6.390469
1888	27.952968
1889	6.325374
1890	6.234200
1891	6.306689
1892	6.271085
1893	7.125369
1894	6.267511
1895	6.244854
1896	6.645404
1897	6.565987
1898	6.570268
1899	6.566997

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Coordenada y	Valor y
1900	6.565987
1901	6.565987
1902	6.238522
1903	6.242748
1904	6.222427
1905	6.243714
1906	6.226951
1907	6.390469
1908	6.225143
1909	7.787598
1910	8.145814
1911	8.517184
1912	7.784862
1913	8.049667
1914	21.509562
1915	8.086011
1916	6.607674
1917	5.791166
1918	6.501528
1919	7.781893
1920	6.399034
1921	6.447322
1922	3.726039
1923	6.677548
1924	9.316845
1925	6.599648
1926	6.654281
1927	6.543119
1928	6.443827
1929	6.527435
1930	7.190527
1931	7.330898
1932	7.193707
1933	7.520887
1934	7.464099
1935	7.712363
1936	7.466879
1937	7.907921
1938	7.302403
1939	6.385368
1940	8.131728
1941	7.335388
1942	6.964695
1943	6.902539
1944	3.860752
1945	6.193452
1946	6.537574
1947	7.219136
1948	7.107243
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Coordenada y	Valor y
1949	9.020949
1950	14.943116
1951	6.257900
1952	6.251557
1953	6.260469
1954	6.246127
1955	6.174542
1956	6.174105
1957	6.174542
1958	6.174396
1959	6.264504
1960	12.835483
1961	6.174542
1962	587.011083
1963	6.165959
1964	20.255191
1965	6.171778
1966	19.480349
1967	6.826410
1968	6.181816
1969	15.950187
1970	6.179634
1971	15.693103
1972	6.261918
1973	6.268915
1974	-3.724248
1975	6.407850
1976	6.593706
1977	6.257033
1978	6.278726
1979	6.336463
1980	1.380439
1981	0.014583
1982	0.030534
1983	-0.000000
1984	3.305797
1985	0.094915
1986	6.234974
1987	0.566153
1988	0.632941
1989	-0.000000
1990	1.374589
1991	0.554662
1992	0.783534
1993	3.642853
1994	1.023372
1995	0.243436
1996	-0.000000
1997	-0.000000

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Coordenada y	Valor y
1998	-0.000000
1999	-0.000000
2000	-0.000000
2001	-0.000000
2002	0.008473
2003	-0.000000
2004	-0.318994
2005	-1.276000
2006	-0.000000
2007	-0.000000
2008	-0.000000
2009	-0.000000
2010	-0.000000
2011	-0.000000
2012	-0.000000
2013	8.360816
2014	-0.416142
2015	-0.320109
2016	-0.117413
2017	-0.040508
2018	-0.000000
2019	-0.037696
2020	-0.035669
2021	-0.000000
2022	-0.145481
2023	-0.320109
2024	3.008886
2025	3.013452
2026	-0.000000
2027	3.008396
2028	-0.000000
2029	3.008886
2030	2.356107
2031	3.641765
2032	2.679353
2033	2.528367
2034	2.497890
2035	2.563117
2036	2.083766
2037	2.302976
2038	2.753179
2039	2.558042
2040	3.003623
2041	2.628153
2042	2.464994
2043	2.153581
2044	2.443507
2045	2.314644
2046	2.493158

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Coordenada y	Valor y
2047	2.454256
2048	2.454256
2049	2.454256
2050	2.454256
2051	2.545901
2052	2.991702
2053	1.586929
2054	1.342981
2055	2.455796
2056	2.760983
2057	2.429330
2058	2.356107
2059	2.307291
2060	2.086929
2061	3.518431
2062	2.997819
2063	5.400535
2064	2.684458
2065	-1.429982
2066	2.565316
2067	2.722029
2068	2.811788
2069	2.501734
2070	1.519359
2071	2.814435
2072	2.480306
2073	2.475422
2074	2.781077
2075	2.452448
2076	2.900508
2077	1.599325
2078	2.512222
2079	2.459625
2080	3.374566
2081	3.079903
2082	2.872538
2083	1.549140
2084	2.718104
2085	2.227438
2086	1.460786
2087	-29.698516
2088	2.734822
2089	2.487093
2090	1.937754
2091	3.341888
2092	2.677375
2093	2.651945
2094	2.260849
2095	1.582286

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Coordenada y	Valor y
2096	2.505929
2097	1.665564
2098	4.388004
2099	2.558042
2100	2.576225
2101	9.020104
2102	29.280365
2103	2.493158
2104	25.624035
2105	2.312929
2106	20.200037
2107	13.297126
2108	2.493158
2109	2.356107
2110	2.481541
2111	2.976372
2112	9.574822
2113	29.893646
2114	3.047876
2115	4.728282
2116	5.340085
2117	20.827373
2118	-3.704604
2119	13.789063
2120	-0.000000
2121	1.937754
2122	4.226331
2123	7.316840
2124	1.466912
2125	1.683674
2126	3.137133
2127	3.008886
2128	3.013452
2129	3.010128
2130	3.008886
2131	3.008886
2132	2.297651
2133	2.328785
2134	2.183167
2135	2.334790
2136	2.215347
2137	2.409153
2138	-29.698516
2139	2.202481
2140	3.536085
2141	3.806421
2142	4.068544
2143	3.552321
2144	3.714714

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Coordenada y	Valor y
2145	3.518431
2146	2.479885
2147	3.749260
2148	3.045979
2149	2.581506
2150	2.976265
2151	3.302901
2152	2.906562
2153	2.933532
2154	1.408174
2155	3.089888
2156	4.795447
2157	3.039035
2158	2.986264
2159	3.000829
2160	2.930851
2161	2.988561
2162	3.430661
2163	3.408437
2164	3.436130
2165	3.548537
2166	3.637366
2167	3.668682
2168	3.642237
2169	3.813188
2170	3.511619
2171	2.884031
2172	4.066885
2173	3.538567
2174	3.282853
2175	3.671357
2176	1.160331
2177	2.770472
2178	1.937754
2179	3.481803
2180	3.383532
2181	4.639366
2182	63.263419
2183	2.404492
2184	2.362610
2185	2.107486
2186	2.107486
2187	2.504365
2188	8.644626
2189	2.107486
2190	98.529033
2191	2.076386
2192	13.481666
2193	8.616209
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Coordenada y	Valor y
2194	15.425488
2195	5.245562
2196	2.133842
2197	8.526936
2198	2.125935
2199	10.044471
2200	2.473972
2201	2.511121
2202	-4.057599
2203	2.475733
2204	1.544684
2205	2.429330
2206	2.323543
2207	2.694170
2208	-0.579102
2209	0.103735
2210	0.235521
2211	-0.000000
2212	2.500714
2213	0.250357
2214	2.580110
2215	0.484478
2216	0.468511
2217	0.049059
2218	1.238464
2219	0.480766
2220	0.600737
2221	3.518395
2222	0.686735
2223	0.188985
2224	-0.000000
2225	-0.000000
2226	-0.000000
2227	-0.000000
2228	-0.000000
2229	-0.000000
2230	0.007975
2231	1.102000
2232	-0.000000
2233	-1.276000
2234	0.017010
2235	-0.068041
2236	2.614118
2237	-0.000000
2238	-0.000000
2239	-0.000000
2240	-0.000000
2241	5.771041
2242	-0.264258

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Coordenada y	Valor y
2243	-0.203276
2244	-0.107384
2245	-0.288153
2246	-0.000000
2247	-0.290766
2248	-0.014107
2249	-0.000000
2250	-0.527119
2251	-0.203276
2252	4.399423
2253	132.852731
2254	-286.271995
2255	72.734280
2256	-286.271995
2257	276.266415
2258	100.000000
2259	100.000000
2260	100.000000
2261	100.000000
2262	100.000000
2263	100.000000
2264	100.000000
2265	100.000000
2266	100.000000
2267	100.000000
2268	98.194444
2269	-286.271995
2270	64.500000
2271	6.413896
2272	6.942411
2273	6.413896
2274	-0.000000
2275	-286.271995
2276	100.000000
2277	-286.271995
2278	-262.129996
2279	100.000000
2280	100.000000
2281	4.466420
2282	4.466420
2283	100.000000
2284	100.000000
2285	100.000000
2286	100.000000
2287	100.000000
2288	18.494279
2289	18.494279
2290	21.191548
2291	21.191548

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Coordenada y	Valor y
2292	-16713.212321
2293	100.000000
2294	6.907872
2295	6.381827
2296	65.750000
2297	100.000000
2298	4.399423
2299	125.117200
2300	21.509421
2301	-0.000000
2302	-17582.299361
2303	70.691362
2304	100.000000
2305	72.734280
2306	443.826188
2307	423.757526
2308	100.000000
2309	-0.000000
2310	-0.000000
2311	100.000000
2312	100.000000
2313	100.000000
2314	193.974340
2315	4.399423
2316	-0.000000
2317	-0.000000
2318	4.399423
2319	4.399423
2320	4.399423
2321	4.399423
2322	4.399423
2323	4.399423
2324	4.399423
2325	4.399423
2326	4.399423
2327	4.399423
2328	4.399423
2329	4.399423
2330	4.399423
2331	17.217674
2332	9.871125
2333	14.380112
2334	7.428946
2335	13.942947
2336	6.931331
2337	11.916236
2338	4.399423
2339	-482.247779
2340	100.000000

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Coordenada y	Valor y
2341	100.000000
2342	2165.857100
2343	681.510512
2344	-286.271995
2345	-286.271995
2346	3039.115470
2347	5995.785634
2348	1847.458879
2349	-286.271995
2350	-286.271995
2351	3537.361777
2352	1454.670590
2353	589.047425
2354	-286.271995
2355	6.381827
2356	-286.271995
2357	-286.271995
2358	100.000000
2359	100.000000
2360	4.399423
2361	-0.000000
2362	-0.000000
2363	-0.000000
2364	-0.000000
2365	1.200000
2366	-44.774736
2367	2.214000
2368	-385.935816
2369	5.299000
2370	-0.000000
2371	1.555000
2372	-0.000000
2373	-0.000000
2374	-0.000000
2375	-0.000000
2376	-0.000000
2377	-0.000000
2378	-0.000000
2379	-0.000000
2380	-0.000000
2381	-0.000000
2382	-0.000000
2383	-0.000000
2384	-0.000000
2385	-0.000000
2386	-0.000000
2387	-0.000000
2388	-0.000000
2389	-0.000000
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Coordenada y	Valor y
2390	-0.000000
2391	787.081771
2392	-788.081771

4 Observações

- O solver HiGHS foi configurado com o método IPM (Interior Point Method).
- Este arquivo contém a solução detalhada para o problema greenbeb.
- As variáveis duais representam os multiplicadores de Lagrange das restrições.
- Os custos reduzidos (z) indicam o impacto de forçar variáveis não-básicas na base.