

Solução do Problema greenbea - Solver HiGHS

Análise Computacional

17 de setembro de 2025

1 Informações do Problema

Informações do Problema:

- Nome: greenbea
- Número de Variáveis: 5405
- Número de Restrições: 2392
- Inviabilidade Primal: 5.022e-14
- Inviabilidade Dual: 1.819e-12
- Valor Primal: -7.256e+07
- Valor Dual: 0.000e+00
- Gap: -7.077e-24
- Número de Iterações: 47

2 Variáveis Primais e Custos Reduzidos

Tabela 1: Variáveis primais e custos reduzidos do problema greenbea

Coordenada x	Valor x	Coordenada z	Valor z
1	205.000000	1	-35.837587
2	1825.000000	2	-160.606505
3	830302.345493	3	0.000000
4	2325.000000	4	-71.937843
5	400.000000	5	87.199360
6	572.000000	6	201.318532
7	850.000000	7	-83.445576
8	2600.000000	8	42.112662
9	955.000000	9	-565.949934
10	427.000000	10	84.617118
11	763.000000	11	-127.319428
12	0.000000	12	0.564947

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Coordenada x	Valor x	Coordenada z	Valor z
13	617.000000	13	32.684330
14	1160.420390	14	0.000000
15	600.000000	15	-40.492620
16	134.000000	16	33.873238
17	499.000000	17	215.164675
18	0.000000	18	0.000000
19	3546.000000	19	10.928239
20	2337.000000	20	-57.572204
21	25177.861418	21	0.000000
22	601.000000	22	-240.515880
23	2100.000000	23	154.033208
24	2550.000000	24	-8.904344
25	389.000000	25	-100.000000
26	954.000000	26	-2032.514358
27	2500.000000	27	14.769910
28	858.000000	28	58.010557
29	1716.000000	29	72.281911
30	236.000000	30	-438.880859
31	180.000000	31	0.564947
32	1586.000000	32	-9.106918
33	685.000000	33	1.476704
34	50.000000	34	-92.209903
35	470.000000	35	-77.119026
36	790.000000	36	-100.000000
37	1029.000000	37	108.331016
38	1371.000000	38	-218.747011
39	14.000000	39	-73.920558
40	10.000000	40	-73.920558
41	260.000000	41	0.564947
42	396.000000	42	-2032.514358
43	520.000000	43	-84.047130
44	650.000000	44	-225.477382
45	280.000000	45	-195.493091
46	1937.000000	46	-70.722989
47	1937.000000	47	-46.475101
48	33801.995716	48	0.000000
49	0.000000	49	0.000000
50	-0.000000	50	0.000000
51	10815.774205	51	0.000000
52	0.000000	52	-383.154434
53	158.000000	53	201.553600
54	808.963438	54	0.000000
55	111.192133	55	0.000000
56	-0.000000	56	0.000000
57	0.000000	57	0.088000
58	39845.272399	58	0.000000
59	0.000000	59	0.000000
60	0.000000	60	29265.600000
61	3266.076617	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	35.434328
64	0.000000	64	378.964260
65	0.000000	65	282.993806
66	0.000000	66	57.734559
67	0.000000	67	1.011892
68	-0.000000	68	0.000000
69	-0.000000	69	0.000000
70	0.000000	70	114.429745
71	0.000000	71	18.821408
72	0.000000	72	0.000000
73	0.000000	73	65.708724
74	0.000000	74	246.677317
75	0.000000	75	5.882029
76	-0.000000	76	0.000000
77	0.000000	77	507.511278
78	83.710156	78	0.000000
79	0.000000	79	0.000000
80	62.363608	80	0.000000
81	0.000000	81	0.000000
82	0.000000	82	20.932663
83	34.587703	83	0.000000
84	0.000000	84	0.000000
85	390.823173	85	0.000000
86	359.596804	86	0.000000
87	-0.000000	87	0.000000
88	0.000000	88	19.474314
89	0.000000	89	3.446781
90	0.000000	90	65.316503
91	0.000000	91	82.378070
92	0.000000	92	117.116604
93	0.000000	93	403.496615
94	0.000000	94	403.496615
95	0.000000	95	69.797319
96	0.000000	96	72.727083
97	0.000000	97	236.107190
98	0.000000	98	236.107190
99	0.000000	99	58.078263
100	0.000000	100	59.112297
101	0.000000	101	419.730109
102	0.000000	102	419.730109
103	0.000000	103	49.288971
104	0.000000	104	273.804946
105	0.000000	105	64.971825
106	0.000000	106	454.220392
107	0.000000	107	59.801654
108	0.000000	108	67.212233
109	0.000000	109	53.769787
110	0.000000	110	6.893562

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Coordenada x	Valor x	Coordenada z	Valor z
111	0.000000	111	1669.191000
112	0.000000	112	265.681011
113	0.000000	113	19.991331
114	0.000000	114	53.425108
115	0.000000	115	53.425108
116	0.000000	116	12.580751
117	0.000000	117	53.425108
118	0.000000	118	53.425108
119	0.000000	119	53.425108
120	0.000000	120	1310.752624
121	0.000000	121	11.546717
122	0.000000	122	862.936907
123	0.000000	123	200.689529
124	0.000000	124	750.110017
125	0.000000	125	19.818992
126	-0.000000	126	0.000000
127	0.000000	127	632.583754
128	0.000000	128	65.661182
129	0.000000	129	58.078263
130	0.000000	130	43.946460
131	0.000000	131	36.363542
132	0.000000	132	54.459143
133	0.000000	133	54.631482
134	0.000000	134	48.427276
135	0.000000	135	64.971825
136	0.000000	136	52.218735
137	0.000000	137	46.014529
138	0.000000	138	62.903757
139	0.000000	139	62.559079
140	0.000000	140	57.388907
141	0.000000	141	52.218735
142	0.000000	142	49.288971
143	0.000000	143	41.878391
144	0.000000	144	46.014529
145	0.000000	145	72.382405
146	-0.000000	146	0.000000
147	0.000000	147	614.253783
148	0.000000	148	253.101025
149	0.000000	149	417.948617
150	-0.000000	150	0.000000
151	-0.000000	151	0.000000
152	0.000000	152	422.384379
153	-0.000000	153	0.000000
154	0.000000	154	36.978942
155	0.000000	155	276.827407
156	0.000000	156	276.827407
157	-0.000000	157	0.000000
158	-0.000000	158	0.000000
159	0.000000	159	135.288840

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Coordenada x	Valor x	Coordenada z	Valor z
160	0.000000	160	135.288840
161	-0.000000	161	0.000000
162	52.770064	162	0.000000
163	0.000000	163	1194.870322
164	0.000000	164	471.025885
165	0.000000	165	293.060901
166	0.000000	166	293.060901
167	0.000000	167	2335.006189
168	-0.000000	168	0.000000
169	0.000000	169	253.368190
170	0.000000	170	377.536028
171	0.000000	171	225.894687
172	0.000000	172	311.531905
173	0.000000	173	558.412374
174	-0.000000	174	0.000000
175	0.000000	175	986.025544
176	0.000000	176	449.911916
177	-0.000000	177	0.000000
178	-0.000000	178	0.000000
179	0.000000	179	951.635914
180	-0.000000	180	0.000000
181	-0.000000	181	0.000000
182	0.000000	182	1670.052695
183	0.000000	183	147.361866
184	0.000000	184	215.185666
185	0.000000	185	681.053931
186	0.000000	186	588.119987
187	0.000000	187	681.053931
188	0.000000	188	588.119987
189	0.000000	189	681.053931
190	-0.000000	190	0.000000
191	-0.000000	191	0.000000
192	-0.000000	192	0.000000
193	7.622680	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	1292.657023
198	-0.000000	198	0.000000
199	0.000000	199	827.779739
200	0.000000	200	129.513498
201	0.000000	201	649.396282
202	0.000000	202	457.780975
203	0.000000	203	1253.999047
204	0.000000	204	738.046282
205	1.679519	205	0.000000
206	0.000000	206	1393.822388
207	-0.000000	207	0.000000
208	0.000000	208	583.122444

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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	1361.071479
223	0.000000	223	866.472345
224	0.000000	224	2552.896275
225	0.000000	225	1809.935627
226	0.000000	226	543.856033
227	0.000000	227	545.997838
228	0.000000	228	543.856033
229	0.000000	229	544.569968
230	0.000000	230	543.856033
231	0.000000	231	3656.122491
232	0.000000	232	4279.510715
233	-0.000000	233	0.000000
234	1.716921	234	0.000000
235	0.000000	235	4652.315149
236	0.000000	236	295.860292
237	0.000000	237	300.143900
238	0.210816	238	0.000000
239	-0.000000	239	0.000000
240	0.000000	240	6492.190045
241	0.000000	241	4960.349915
242	0.000000	242	5194.085990
243	-0.000000	243	0.000000
244	0.000000	244	339.097599
245	0.000000	245	50.766184
246	0.000000	246	203.476885
247	0.000000	247	265.027427
248	0.000000	248	377.200895
249	0.000000	249	377.200895
250	0.000000	250	128.572118
251	0.000000	251	128.572118
252	0.000000	252	766.932103
253	0.000000	253	43.087666
254	0.000000	254	393.434389
255	0.000000	255	393.434389
256	0.000000	256	1907.067971
257	0.000000	257	6.769395

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Coordenada x	Valor x	Coordenada z	Valor z
258	0.000000	258	171.631513
259	60.263045	259	0.000000
260	0.000000	260	76.356066
261	0.000000	261	186.875000
262	0.000000	262	576.649628
263	0.000000	263	43.391739
264	0.000000	264	562.964107
265	0.000000	265	1242.114476
266	92.107555	266	0.000000
267	24.315000	267	0.000000
268	0.000000	268	456.587113
269	0.000000	269	363.653169
270	0.000000	270	456.587113
271	0.000000	271	363.653169
272	0.000000	272	456.587113
273	0.000000	273	943.251626
274	0.000000	274	549.053881
275	75.314400	275	0.000000
276	0.000000	276	235.736758
277	0.000000	277	112.659186
278	0.000000	278	942.432191
279	0.000000	279	363.653169
280	0.000000	280	1080.113728
281	0.000000	281	363.653169
282	0.000000	282	1050.932493
283	0.000000	283	599.883377
284	0.000000	284	2066.415407
285	0.000000	285	1374.144126
286	0.000000	286	363.653169
287	0.000000	287	363.653169
288	0.000000	288	363.653169
289	0.000000	289	363.653169
290	0.000000	290	363.653169
291	0.000000	291	3393.817132
292	0.000000	292	4022.202900
293	0.000000	293	4388.581920
294	-0.000000	294	0.000000
295	0.000000	295	0.000000
296	0.000000	296	6195.615818
297	0.000000	297	4810.846244
298	0.000000	298	5051.721667
299	0.000000	299	339.097599
300	0.000000	300	50.766184
301	0.000000	301	203.476885
302	0.000000	302	265.027427
303	0.000000	303	377.200895
304	0.000000	304	377.200895
305	0.000000	305	128.572118
306	0.000000	306	128.572118

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Coordenada x	Valor x	Coordenada z	Valor z
307	0.000000	307	766.932103
308	0.000000	308	43.087666
309	0.000000	309	393.434389
310	0.000000	310	393.434389
311	0.000000	311	1907.067971
312	0.000000	312	6.769395
313	0.000000	313	171.631513
314	170.606555	314	0.000000
315	0.000000	315	76.356066
316	0.000000	316	186.875000
317	0.000000	317	576.649628
318	0.000000	318	43.391739
319	0.000000	319	562.964107
320	0.000000	320	1242.114476
321	386.081460	321	0.000000
322	0.000000	322	-0.000000
323	0.000000	323	456.587113
324	0.000000	324	363.653169
325	0.000000	325	456.587113
326	0.000000	326	363.653169
327	0.000000	327	456.587113
328	0.000000	328	943.251626
329	0.000000	329	549.053881
330	0.000000	330	-0.000000
331	0.000000	331	235.736758
332	0.000000	332	112.659186
333	0.000000	333	942.432191
334	0.000000	334	363.653169
335	0.000000	335	1080.113728
336	0.000000	336	363.653169
337	0.000000	337	1050.932493
338	0.000000	338	599.883377
339	0.000000	339	2066.415407
340	0.000000	340	1374.144126
341	0.000000	341	363.653169
342	0.000000	342	363.653169
343	0.000000	343	363.653169
344	0.000000	344	363.653169
345	0.000000	345	363.653169
346	0.000000	346	3393.817132
347	0.000000	347	4022.202900
348	0.000000	348	4388.581920
349	0.000000	349	-0.000000
350	0.049470	350	0.000000
351	0.000000	351	6195.615818
352	0.000000	352	4810.846244
353	0.000000	353	5051.721667
354	-0.000000	354	0.000000
355	0.000000	355	585.415732

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Coordenada x	Valor x	Coordenada z	Valor z
356	57.499135	356	0.000000
357	0.000000	357	1871.382819
358	0.000000	358	1288.909854
359	-0.000000	359	0.000000
360	-0.000000	360	0.000000
361	0.000000	361	233.341827
362	49.238847	362	0.000000
363	-0.000000	363	0.000000
364	-0.000000	364	0.000000
365	1.842050	365	0.000000
366	0.000000	366	0.000000
367	0.000000	367	58.546722
368	-0.000000	368	0.000000
369	-0.000000	369	0.000000
370	-0.000000	370	0.000000
371	0.000000	371	463.464650
372	0.000000	372	373.951854
373	0.000000	373	139.202865
374	0.000000	374	577.017498
375	0.000000	375	383.961455
376	0.000000	376	306.753134
377	0.000000	377	60.650293
378	0.000000	378	525.184725
379	0.000000	379	316.516121
380	0.000000	380	267.994474
381	0.000000	381	485.456574
382	135.269848	382	0.000000
383	0.000000	383	266.011609
384	0.000000	384	0.000000
385	0.000000	385	585.415732
386	35.336279	386	0.000000
387	0.000000	387	1871.382819
388	0.000000	388	233.341827
389	0.000000	389	0.000000
390	10.952098	390	0.000000
391	0.000000	391	58.546722
392	0.000000	392	463.464650
393	0.000000	393	373.951854
394	0.000000	394	139.202865
395	0.000000	395	577.017498
396	0.000000	396	383.961455
397	0.000000	397	306.753134
398	0.000000	398	60.650293
399	0.000000	399	525.184725
400	0.000000	400	316.516121
401	0.000000	401	267.994474
402	0.000000	402	485.456574
403	66.597037	403	0.000000
404	0.000000	404	266.011609

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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	2590.473461	407	0.000000
408	264.000000	408	-0.407000
409	-0.000000	409	0.000000
410	195.000000	410	-0.859000
411	0.000000	411	-3.021000
412	24.689547	412	0.000000
413	66.000000	413	-68.351750
414	68.000000	414	-37.869884
415	16.000000	415	-154.220536
416	64.000000	416	-671.699488
417	252.000000	417	-463.653169
418	75.000000	418	-463.653169
419	129.000000	419	-1408.537923
420	-0.000000	420	0.000000
421	38.000000	421	-814.046534
422	2.000000	422	-504.402534
423	38.000000	423	-1408.243502
424	38.000000	424	-814.046534
425	6.000000	425	-463.653169
426	124.265467	426	0.000000
427	0.000000	427	1.240000
428	19760.190056	428	0.000000
429	0.000000	429	1.368000
430	248.908123	430	0.000000
431	-0.000000	431	0.000000
432	-0.000000	432	0.000000
433	0.000000	433	0.591000
434	520.000000	434	0.000000
435	6838.993421	435	0.000000
436	0.000000	436	21.359861
437	0.000000	437	21.359861
438	-0.000000	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	140.060000	445	0.000000
446	-0.000000	446	0.000000
447	388.737484	447	0.000000
448	0.000000	448	1187.619426
449	-0.000000	449	0.000000
450	0.000000	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	0.000000	455	3.000000
456	67.484764	456	0.000000
457	0.000000	457	441.757814
458	45.000000	458	0.000000
459	25.000000	459	0.000000
460	23.144834	460	0.000000
461	14.855166	461	0.000000
462	38.000000	462	0.000000
463	-0.000000	463	0.000000
464	39.000000	464	0.000000
465	-0.000000	465	0.000000
466	50.887955	466	0.000000
467	-0.000000	467	0.000000
468	-0.000000	468	0.000000
469	-0.000000	469	0.000000
470	-0.000000	470	0.000000
471	-0.000000	471	0.000000
472	204.395380	472	0.000000
473	-0.000000	473	0.000000
474	0.000000	474	6.288760
475	4.021944	475	0.000000
476	20.668236	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	0.000000
484	-0.000000	484	0.000000
485	-0.000000	485	0.000000
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	38.336423	490	0.000000
491	-0.000000	491	0.000000
492	-0.000000	492	0.000000
493	0.000000	493	4.926855
494	0.000000	494	343.738158
495	63.290270	495	0.000000
496	-0.000000	496	0.000000
497	-0.000000	497	0.000000
498	-0.000000	498	0.000000
499	-0.000000	499	0.000000
500	0.000000	500	24.138862
501	0.000000	501	61.793464
502	0.000000	502	486.650073

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Coordenada x	Valor x	Coordenada z	Valor z
503	-0.000000	503	0.000000
504	0.000000	504	154.438984
505	-0.000000	505	0.000000
506	-0.000000	506	0.000000
507	-0.000000	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	0.442768
513	-0.000000	513	0.000000
514	-0.000000	514	0.000000
515	0.000000	515	0.689895
516	0.000000	516	330.409371
517	134.398085	517	0.000000
518	-0.000000	518	0.000000
519	-0.000000	519	0.000000
520	-0.000000	520	0.000000
521	1504.448684	521	0.000000
522	0.000000	522	37.036359
523	0.000000	523	63.831230
524	0.000000	524	507.002086
525	50.000000	525	0.000000
526	0.000000	526	138.429890
527	520.000000	527	0.000000
528	-0.000000	528	0.000000
529	280.000000	529	0.000000
530	0.000000	530	7.877202
531	-0.000000	531	0.000000
532	6839.483134	532	0.000000
533	0.299329	533	0.000000
534	45.489729	534	0.000000
535	56.129691	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	615.321305
541	0.000000	541	523.659909
542	0.000000	542	610.642823
543	0.000000	543	525.606157
544	0.000000	544	609.519987
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	-0.000000	555	0.000000
556	284.319556	556	0.000000
557	0.000000	557	509.054593
558	0.000000	558	1620.263927
559	-0.000000	559	0.000000
560	0.000000	560	958.244081
561	0.000000	561	26.295772
562	0.000000	562	473.270481
563	0.000000	563	117.838268
564	0.000000	564	275.811629
565	0.000000	565	122.537669
566	0.000000	566	252.052744
567	0.000000	567	173.491264
568	0.000000	568	409.134306
569	0.000000	569	78.045004
570	0.000000	570	229.555541
571	0.000000	571	74.511565
572	0.000000	572	207.465124
573	0.000000	573	121.262569
574	-0.000000	574	0.000000
575	-0.000000	575	0.000000
576	0.000000	576	302.143817
577	0.000000	577	359.366827
578	0.000000	578	1002.104628
579	-0.000000	579	0.000000
580	0.000000	580	307.833279
581	0.000000	581	614.254794
582	0.000000	582	1225.412703
583	0.000000	583	1482.255341
584	0.000000	584	1386.539607
585	-0.000000	585	0.000000
586	3.000000	586	31.648250
587	54.000000	587	-363.653169
588	7.000000	588	-714.046534
589	43.000000	589	3.522170
590	-0.000000	590	0.000000
591	50.000000	591	57.092245
592	0.000000	592	1.115054
593	0.000000	593	6.414358
594	0.000000	594	5.403723
595	0.000000	595	10.703027
596	103.882537	596	0.000000
597	54.688000	597	0.000000
598	0.000000	598	2.741019
599	244.501932	599	0.000000
600	406.833059	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	0.000000
603	0.000000	603	383.610143
604	-0.000000	604	0.000000
605	-0.000000	605	0.000000
606	0.000000	606	0.000000
607	0.000000	607	0.000000
608	0.000000	608	42.555326
609	0.000000	609	0.000000
610	0.000000	610	0.000000
611	0.000000	611	0.000000
612	0.000000	612	0.000000
613	0.000000	613	459.386186
614	0.000000	614	89.583803
615	0.000000	615	5.763805
616	0.000000	616	0.000000
617	0.000000	617	0.000000
618	0.000000	618	1464.490242
619	0.000000	619	0.000000
620	0.000000	620	200.563633
621	0.000000	621	183.319267
622	0.000000	622	328.936441
623	0.000000	623	0.000000
624	0.000000	624	296.129780
625	0.000000	625	0.000000
626	0.000000	626	50.020652
627	0.000000	627	1108.934668
628	0.000000	628	8.697320
629	0.000000	629	1127.355510
630	0.000000	630	1119.641782
631	0.000000	631	0.000000
632	138.513546	632	0.000000
633	0.000000	633	73.544470
634	-0.000000	634	0.000000
635	0.000000	635	0.000000
636	0.000000	636	167.662984
637	0.000000	637	53.896715
638	0.000000	638	385.676957
639	0.000000	639	276.601608
640	0.000000	640	296.865373
641	0.000000	641	78.436541
642	0.000000	642	135.721425
643	0.000000	643	16.315485
644	0.000000	644	342.415869
645	0.000000	645	249.904385
646	0.000000	646	263.016912
647	0.000000	647	34.647127
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	15638.399807
652	-0.000000	652	0.000000
653	0.000000	653	18590.336573
654	-0.000000	654	0.000000
655	0.000000	655	10182.454356
656	0.000000	656	0.000000
657	0.000000	657	0.000000
658	0.000000	658	0.000000
659	0.000000	659	-0.000000
660	0.000000	660	383.610143
661	0.000000	661	499.440396
662	0.000000	662	108.453757
663	0.000000	663	274.247240
664	0.000000	664	404.536528
665	0.000000	665	-0.000000
666	0.000000	666	-0.000000
667	127.268090	667	0.000000
668	0.000000	668	473.546824
669	31.517820	669	0.000000
670	0.000000	670	42.555326
671	74.035707	671	0.000000
672	0.000000	672	0.000000
673	12.657277	673	0.000000
674	0.000000	674	0.000000
675	0.000000	675	459.386186
676	0.000000	676	89.583803
677	0.000000	677	5.763805
678	-0.000000	678	0.000000
679	0.000000	679	222.247029
680	103.642746	680	0.000000
681	0.000000	681	-0.000000
682	61.159645	682	0.000000
683	0.000000	683	1464.490242
684	0.000000	684	170.974748
685	0.000000	685	360.763993
686	0.000000	686	108.480714
687	0.000000	687	100.315977
688	0.000000	688	81.004011
689	0.000000	689	213.673304
690	-0.000000	690	0.000000
691	15.917592	691	0.000000
692	0.000000	692	200.563633
693	-0.000000	693	0.000000
694	0.000000	694	183.319267
695	0.000000	695	328.936441
696	5.605606	696	0.000000
697	-0.000000	697	0.000000
698	0.000000	698	296.129780

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Coordenada x	Valor x	Coordenada z	Valor z
699	-0.000000	699	0.000000
700	0.000000	700	246.109042
701	0.000000	701	482.527201
702	0.000000	702	241.601078
703	0.000000	703	1208.145272
704	0.000000	704	1234.083186
705	0.000000	705	446.140682
706	0.000000	706	1227.551853
707	0.000000	707	50.020652
708	0.000000	708	1108.934668
709	0.000000	709	8.697320
710	0.000000	710	1127.355510
711	0.000000	711	1119.641782
712	-0.000000	712	0.000000
713	-0.000000	713	0.000000
714	0.000000	714	46.875922
715	0.000000	715	359.190311
716	159.950482	716	0.000000
717	0.000000	717	-0.000000
718	0.000000	718	73.544470
719	-0.000000	719	0.000000
720	0.000000	720	-0.000000
721	49.596200	721	0.000000
722	0.000000	722	167.662984
723	0.000000	723	53.896715
724	0.000000	724	385.676957
725	0.000000	725	276.601608
726	0.000000	726	296.865373
727	0.000000	727	78.436541
728	0.000000	728	135.721425
729	0.000000	729	16.315485
730	0.000000	730	342.415869
731	0.000000	731	249.904385
732	0.000000	732	263.016912
733	0.000000	733	34.647127
734	0.000000	734	-0.000000
735	0.000000	735	-0.000000
736	0.000000	736	-0.000000
737	0.000000	737	288.040885
738	0.000000	738	162.186933
739	0.000000	739	559.954718
740	0.000000	740	447.630800
741	0.000000	741	213.672665
742	-0.000000	742	0.000000
743	-0.000000	743	0.000000
744	-0.000000	744	0.000000
745	0.000000	745	17018.970862
746	0.000000	746	15638.399807
747	0.000000	747	16286.865208

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Coordenada x	Valor x	Coordenada z	Valor z
748	0.000000	748	-0.000000
749	0.000000	749	18590.336573
750	0.000000	750	-0.000000
751	0.000000	751	0.000000
752	0.000000	752	13979.024756
753	0.000000	753	10182.454356
754	0.000000	754	3513.523018
755	1.109995	755	0.000000
756	0.823766	756	0.000000
757	0.556219	757	0.000000
758	-0.000000	758	0.000000
759	0.000000	759	499.440396
760	0.000000	760	108.453757
761	0.000000	761	274.247240
762	0.000000	762	404.536528
763	0.000000	763	473.546824
764	0.000000	764	-0.000000
765	0.000000	765	-0.000000
766	0.000000	766	-0.000000
767	0.000000	767	-0.000000
768	0.000000	768	0.000000
769	0.000000	769	222.247029
770	13.744223	770	0.000000
771	0.000000	771	-0.000000
772	15.947042	772	0.000000
773	0.000000	773	170.974748
774	0.000000	774	360.763993
775	-0.000000	775	0.000000
776	0.000000	776	108.480714
777	0.000000	777	100.315977
778	0.000000	778	81.004011
779	0.000000	779	213.673304
780	0.000000	780	0.000000
781	0.000000	781	0.000000
782	0.000000	782	0.000000
783	0.000000	783	246.109042
784	0.000000	784	482.527201
785	0.000000	785	241.601078
786	0.000000	786	1208.145272
787	0.000000	787	1234.083186
788	0.000000	788	446.140682
789	0.000000	789	1227.551853
790	-0.000000	790	0.000000
791	0.000000	791	0.000000
792	0.000000	792	46.875922
793	0.000000	793	359.190311
794	-0.000000	794	0.000000
795	0.000000	795	0.000000
796	0.000000	796	288.040885

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Coordenada x	Valor x	Coordenada z	Valor z
797	0.000000	797	162.186933
798	0.000000	798	559.954718
799	0.000000	799	447.630800
800	0.000000	800	213.672665
801	0.000000	801	0.000000
802	0.000000	802	0.000000
803	0.000000	803	0.000000
804	0.000000	804	17018.970862
805	0.000000	805	16286.865208
806	-0.000000	806	0.000000
807	0.000000	807	13979.024756
808	0.000000	808	3513.523018
809	0.000000	809	0.000000
810	0.000000	810	3044.119286
811	0.000000	811	1791.838411
812	38.178748	812	0.000000
813	0.000000	813	2957.882176
814	0.000000	814	3044.119286
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	41.331535	821	0.000000
822	42.795436	822	0.000000
823	17.694717	823	0.000000
824	-0.000000	824	0.000000
825	0.000000	825	1009.355113
826	0.000000	826	202.091819
827	0.000000	827	1314.417289
828	0.000000	828	562.536822
829	0.000000	829	833.540318
830	235.860501	830	0.000000
831	0.000000	831	1167.553026
832	0.000000	832	372.892771
833	0.010945	833	0.000000
834	0.014412	834	0.000000
835	-0.000000	835	0.000000
836	-0.000000	836	0.000000
837	235.000000	837	-155.392797
838	1850.000000	838	-0.940000
839	10.000000	839	-1.086000
840	270.000000	840	-0.610000
841	-0.000000	841	0.000000
842	219.878503	842	0.000000
843	-0.000000	843	0.000000
844	833.000000	844	-1056.937899
845	52.000000	845	-1042.415131

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Coordenada x	Valor x	Coordenada z	Valor z
846	135.000000	846	-1193.770287
847	148.000000	847	-1193.770287
848	39.000000	848	-1193.770287
849	363.000000	849	-2668.200251
850	-0.000000	850	0.000000
851	79.000000	851	-1714.402295
852	3.000000	852	-1342.626308
853	123.000000	853	-1284.736433
854	44.000000	854	-958.880628
855	18.000000	855	-1042.456697
856	-2.000000	856	2167.222043
857	8.000000	857	-1193.770287
858	52.000000	858	-1532.358216
859	52.000000	859	956.937899
860	32.000000	860	1093.770287
861	7.000000	861	2568.200251
862	0.000000	862	0.556000
863	150.000000	863	-154.269797
864	691.755905	864	0.000000
865	24878.055360	865	0.000000
866	107.948581	866	0.000000
867	56.128100	867	0.000000
868	0.000000	868	3.781000
869	-0.000000	869	0.000000
870	0.000000	870	0.388000
871	0.409425	871	0.000000
872	8.000000	872	0.000000
873	52.000000	873	0.000000
874	8577.646770	874	0.000000
875	0.000000	875	0.000000
876	10.183348	876	0.000000
877	74.035707	877	0.000000
878	-0.000000	878	0.000000
879	30.326160	879	0.000000
880	12.657277	880	0.000000
881	-0.000000	881	0.000000
882	53.447200	882	0.000000
883	-0.000000	883	0.000000
884	468.438429	884	0.000000
885	-0.000000	885	0.000000
886	-0.000000	886	0.000000
887	468.438429	887	0.000000
888	0.000000	888	3360.992330
889	39.000000	889	0.000000
890	117.386970	890	0.000000
891	-0.000000	891	0.000000
892	-0.000000	892	0.000000
893	-0.000000	893	0.000000
894	64.626155	894	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
895	0.000000	895	1390.698493
896	0.000000	896	210.831479
897	0.272950	897	0.000000
898	0.000000	898	146.212769
899	79.000000	899	0.000000
900	3.000000	900	0.000000
901	27.705525	901	0.000000
902	97.901138	902	0.000000
903	-0.000000	903	0.000000
904	18.000000	904	0.000000
905	80.579592	905	0.000000
906	-0.000000	906	0.000000
907	-0.000000	907	0.000000
908	-0.000000	908	0.000000
909	-0.000000	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	508.908397
915	-0.000000	915	0.000000
916	0.000000	916	259.873910
917	0.000000	917	324.891270
918	-0.000000	918	0.000000
919	-0.000000	919	0.000000
920	-0.000000	920	0.000000
921	90.243526	921	0.000000
922	80.761344	922	0.000000
923	57.939479	923	0.000000
924	0.000000	924	72.245594
925	0.000000	925	525.217839
926	0.000000	926	531.583609
927	0.000000	927	533.111394
928	0.000000	928	460.703117
929	0.000000	929	460.703117
930	0.000000	930	460.703117
931	0.000000	931	0.000000
932	0.000000	932	258.882125
933	0.000000	933	214.921582
934	0.000000	934	80.182167
935	0.000000	935	157.485903
936	-0.000000	936	0.000000
937	0.000000	937	134.242710
938	-0.000000	938	0.000000
939	-0.000000	939	0.000000
940	0.000000	940	277.155609
941	0.000000	941	22.302907
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	110.385429
945	-0.000000	945	0.000000
946	-0.000000	946	0.000000
947	0.000000	947	52.940187
948	0.000000	948	85.015693
949	0.000000	949	95.491060
950	0.000000	950	580.699534
951	-0.000000	951	0.000000
952	0.000000	952	100.640101
953	0.000000	953	101.607720
954	734.629260	954	0.000000
955	53.239677	955	0.000000
956	-0.000000	956	0.000000
957	-0.000000	957	0.000000
958	42.454261	958	0.000000
959	-0.000000	959	0.000000
960	-0.000000	960	0.000000
961	533.663577	961	0.000000
962	-0.000000	962	0.000000
963	-0.000000	963	0.000000
964	46.085850	964	0.000000
965	-0.000000	965	0.000000
966	0.000000	966	47.424374
967	-0.000000	967	0.000000
968	-0.000000	968	0.000000
969	-0.000000	969	0.000000
970	-0.000000	970	0.000000
971	128.607036	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	-0.000000	977	0.000000
978	-0.000000	978	0.000000
979	-0.000000	979	0.000000
980	845.076244	980	0.000000
981	158.000000	981	0.000000
982	-0.000000	982	0.000000
983	8565.862127	983	0.000000
984	8.129355	984	0.000000
985	0.000000	985	0.000000
986	8.986708	986	0.000000
987	31.367257	987	0.000000
988	89.749902	988	0.000000
989	-0.000000	989	0.000000
990	-0.000000	990	0.000000
991	-0.000000	991	0.000000
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	323.539782	999	0.000000
1000	-0.000000	1000	0.000000
1001	0.000000	1001	313.273747
1002	0.000000	1002	562.602550
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	21.000000	1015	249.044237
1016	56.837879	1016	0.000000
1017	-0.000000	1017	0.000000
1018	0.000000	1018	5611.072780
1019	0.000000	1019	5921.463898
1020	0.000000	1020	5795.212348
1021	0.000000	1021	6699.351318
1022	0.000000	1022	0.000000
1023	0.000000	1023	0.000000
1024	65.688705	1024	0.000000
1025	0.000000	1025	0.000000
1026	0.000000	1026	16.481399
1027	0.000000	1027	16.481399
1028	0.000000	1028	0.000000
1029	590.536195	1029	0.000000
1030	978.872588	1030	0.000000
1031	-0.000000	1031	0.000000
1032	0.000000	1032	0.000000
1033	0.000000	1033	425.201292
1034	-0.000000	1034	0.000000
1035	0.000000	1035	0.000000
1036	0.000000	1036	42.911973
1037	0.000000	1037	0.000000
1038	0.000000	1038	-0.000000
1039	0.000000	1039	-0.000000
1040	0.000000	1040	-0.000000
1041	0.000000	1041	13.789270

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Coordenada x	Valor x	Coordenada z	Valor z
1042	0.000000	1042	13.789270
1043	0.000000	1043	438.032141
1044	0.000000	1044	71.408800
1045	0.000000	1045	4.409343
1046	106.645782	1046	0.000000
1047	0.000000	1047	-0.000000
1048	0.000000	1048	1533.466916
1049	0.000000	1049	0.588386
1050	0.000000	1050	160.379209
1051	0.000000	1051	169.664721
1052	0.000000	1052	351.274568
1053	0.000000	1053	32.741650
1054	0.000000	1054	347.944227
1055	0.000000	1055	0.000000
1056	0.000000	1056	59.901420
1057	0.000000	1057	1060.922521
1058	0.000000	1058	27.940813
1059	0.000000	1059	1079.522388
1060	0.000000	1060	1071.733693
1061	-0.000000	1061	0.000000
1062	0.000000	1062	-0.000000
1063	0.000000	1063	367.727594
1064	-0.000000	1064	0.000000
1065	0.000000	1065	18.779083
1066	0.000000	1066	190.924590
1067	0.000000	1067	23.263301
1068	0.000000	1068	336.942030
1069	0.000000	1069	281.456853
1070	0.000000	1070	293.401681
1071	0.000000	1071	59.349327
1072	0.000000	1072	171.573312
1073	191.021702	1073	0.000000
1074	0.000000	1074	307.795795
1075	0.000000	1075	270.845726
1076	0.000000	1076	272.686783
1077	0.000000	1077	31.249369
1078	0.000000	1078	0.000000
1079	0.000000	1079	0.000000
1080	0.000000	1080	0.000000
1081	0.000000	1081	15722.577794
1082	0.000000	1082	14186.890715
1083	0.000000	1083	18474.624999
1084	-0.000000	1084	0.000000
1085	0.000000	1085	12539.280173
1086	2.937795	1086	0.000000
1087	0.000000	1087	0.000000
1088	0.000000	1088	2667.935352
1089	0.000000	1089	5811.671050
1090	0.000000	1090	5854.654444

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Coordenada x	Valor x	Coordenada z	Valor z
1091	0.000000	1091	6322.996234
1092	-0.000000	1092	0.000000
1093	0.000000	1093	425.201292
1094	0.000000	1094	439.198537
1095	0.000000	1095	91.044914
1096	0.000000	1096	270.502369
1097	0.000000	1097	378.383251
1098	0.000000	1098	-0.000000
1099	-0.000000	1099	0.000000
1100	0.000000	1100	42.911973
1101	0.000000	1101	505.704244
1102	488.889614	1102	0.000000
1103	3.970239	1103	0.000000
1104	0.000000	1104	0.000000
1105	0.000000	1105	0.000000
1106	0.000000	1106	13.789270
1107	0.000000	1107	13.789270
1108	0.000000	1108	438.032141
1109	0.000000	1109	71.408800
1110	0.000000	1110	4.409343
1111	0.000000	1111	847.474764
1112	0.000000	1112	96.019286
1113	388.066901	1113	0.000000
1114	0.000000	1114	0.000000
1115	0.000000	1115	82.711263
1116	0.000000	1116	1533.466916
1117	0.000000	1117	124.681708
1118	0.000000	1118	346.263538
1119	0.000000	1119	90.512332
1120	0.000000	1120	86.404293
1121	0.000000	1121	93.493744
1122	0.000000	1122	174.840697
1123	0.000000	1123	85.779043
1124	0.000000	1124	0.588386
1125	0.000000	1125	160.379209
1126	0.000000	1126	92.435322
1127	0.000000	1127	169.664721
1128	0.000000	1128	351.274568
1129	0.000000	1129	32.741650
1130	0.000000	1130	805.913311
1131	0.000000	1131	347.944227
1132	-0.000000	1132	0.000000
1133	0.000000	1133	243.066150
1134	0.000000	1134	84.247683
1135	0.000000	1135	274.401534
1136	0.000000	1136	1147.641210
1137	0.000000	1137	1173.694723
1138	0.000000	1138	465.740182
1139	0.000000	1139	1167.067158

Continua na próxima página

Coordenada x	Valor x	Coordenada z	Valor z
1140	0.000000	1140	59.901420
1141	0.000000	1141	1060.922521
1142	0.000000	1142	27.940813
1143	0.000000	1143	1079.522388
1144	0.000000	1144	1071.733693
1145	0.000000	1145	-0.000000
1146	0.000000	1146	1859.509244
1147	0.000000	1147	48.574986
1148	0.000000	1148	289.232943
1149	366.842443	1149	0.000000
1150	0.000000	1150	1059.209378
1151	0.000000	1151	367.727594
1152	0.000000	1152	73.857622
1153	0.000000	1153	-0.000000
1154	0.000000	1154	18.779083
1155	0.000000	1155	190.924590
1156	0.000000	1156	23.263301
1157	0.000000	1157	336.942030
1158	0.000000	1158	281.456853
1159	0.000000	1159	293.401681
1160	0.000000	1160	59.349327
1161	0.000000	1161	171.573312
1162	525.896367	1162	0.000000
1163	0.000000	1163	307.795795
1164	0.000000	1164	270.845726
1165	0.000000	1165	272.686783
1166	0.000000	1166	31.249369
1167	-0.000000	1167	0.000000
1168	-0.000000	1168	0.000000
1169	-0.000000	1169	0.000000
1170	0.000000	1170	306.171165
1171	0.000000	1171	129.414700
1172	0.000000	1172	518.565722
1173	0.000000	1173	435.823967
1174	0.000000	1174	187.354994
1175	0.000000	1175	62.805112
1176	0.000000	1176	62.805112
1177	0.000000	1177	62.805112
1178	0.000000	1178	17102.852533
1179	0.000000	1179	15722.577794
1180	0.000000	1180	15445.637150
1181	0.000000	1181	14186.890715
1182	0.000000	1182	18474.624999
1183	0.000000	1183	0.000000
1184	0.000000	1184	64.712923
1185	0.000000	1185	16335.035706
1186	0.000000	1186	12539.280173
1187	0.000000	1187	3469.227978
1188	0.000000	1188	-0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
1189	0.098217	1189	0.000000
1190	0.000000	1190	2667.935352
1191	0.000000	1191	74.640484
1192	0.000000	1192	6565.438106
1193	0.000000	1193	5811.671050
1194	0.000000	1194	6441.607733
1195	0.000000	1195	5854.654444
1196	0.000000	1196	6322.996234
1197	0.000000	1197	371.746486
1198	97.630785	1198	0.000000
1199	0.000000	1199	217.483171
1200	0.000000	1200	322.381544
1201	0.000000	1201	462.404620
1202	0.000000	1202	7.832438
1203	0.000000	1203	7.832438
1204	630.671120	1204	0.000000
1205	0.000000	1205	0.000000
1206	0.000000	1206	749.998325
1207	-0.000000	1207	0.000000
1208	0.000000	1208	7.832438
1209	0.000000	1209	7.832438
1210	10.693772	1210	0.000000
1211	-0.000000	1211	0.000000
1212	0.000000	1212	63.361005
1213	0.000000	1213	292.968981
1214	-0.000000	1214	0.000000
1215	0.000000	1215	35.144227
1216	0.000000	1216	31.172707
1217	259.014000	1217	0.000000
1218	0.000000	1218	115.218042
1219	-0.000000	1219	0.000000
1220	-0.000000	1220	0.000000
1221	0.000000	1221	716.046200
1222	0.000000	1222	190.336301
1223	-0.000000	1223	0.000000
1224	-0.000000	1224	0.000000
1225	0.000000	1225	233.400905
1226	0.000000	1226	1087.616135
1227	0.000000	1227	1112.145241
1228	0.000000	1228	421.147739
1229	0.000000	1229	1106.145373
1230	30.914882	1230	0.000000
1231	0.000000	1231	1774.152720
1232	374.429521	1232	0.000000
1233	0.000000	1233	195.294296
1234	0.000000	1234	980.503904
1235	-0.000000	1235	0.000000
1236	0.000000	1236	249.877502
1237	0.000000	1237	63.247093

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Coordenada x	Valor x	Coordenada z	Valor z
1238	0.000000	1238	447.620783
1239	0.000000	1239	375.163141
1240	0.000000	1240	122.574056
1241	-0.000000	1241	0.000000
1242	-0.000000	1242	0.000000
1243	-0.000000	1243	0.000000
1244	0.000000	1244	17028.719521
1245	0.000000	1245	15372.859878
1246	-0.000000	1246	0.000000
1247	0.000000	1247	16250.717405
1248	0.000000	1248	3384.914617
1249	-0.000000	1249	0.000000
1250	0.000000	1250	6506.425046
1251	0.000000	1251	6384.212473
1252	0.000000	1252	2790.167135
1253	0.000000	1253	1678.621238
1254	155.022664	1254	0.000000
1255	0.000000	1255	2914.376374
1256	0.000000	1256	2790.167135
1257	-0.000000	1257	0.000000
1258	-0.000000	1258	0.000000
1259	-0.000000	1259	0.000000
1260	-0.000000	1260	0.000000
1261	-0.000000	1261	0.000000
1262	-0.000000	1262	0.000000
1263	109.391057	1263	0.000000
1264	5.102450	1264	0.000000
1265	-0.000000	1265	0.000000
1266	-0.000000	1266	0.000000
1267	-0.000000	1267	0.000000
1268	-0.000000	1268	0.000000
1269	-0.000000	1269	0.000000
1270	0.000000	1270	944.182007
1271	0.000000	1271	192.587511
1272	0.000000	1272	1157.725410
1273	0.000000	1273	448.749115
1274	0.000000	1274	775.250438
1275	637.534518	1275	0.000000
1276	0.000000	1276	1015.047535
1277	0.000000	1277	264.651624
1278	0.000000	1278	767.329911
1279	0.000000	1279	1001.553809
1280	0.000000	1280	18.738170
1281	0.000000	1281	306.990913
1282	-0.000000	1282	0.000000
1283	15.599056	1283	0.000000
1284	-0.000000	1284	0.000000
1285	-0.000000	1285	0.000000
1286	507.000000	1286	-202.753545

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Coordenada x	Valor x	Coordenada z	Valor z
1287	6980.000000	1287	-0.940000
1288	80.000000	1288	-1.086000
1289	710.000000	1289	-0.610000
1290	-0.000000	1290	0.000000
1291	0.000000	1291	-1.955000
1292	700.000000	1292	-0.388000
1293	-0.000000	1293	0.000000
1294	1639.000000	1294	-1172.128374
1295	259.000000	1295	-1172.101570
1296	285.000000	1296	-1204.400252
1297	72.000000	1297	-1204.400252
1298	1240.000000	1298	-1147.604082
1299	515.000000	1299	-1119.210257
1300	893.000000	1300	-2470.477415
1301	0.000000	1301	1405.675356
1302	-0.000000	1302	0.000000
1303	144.000000	1303	-1532.049607
1304	1.000000	1304	-1532.049607
1305	18.000000	1305	-1326.606604
1306	311.000000	1306	-1246.182236
1307	1.000000	1307	-1532.049607
1308	110.000000	1308	-886.971234
1309	48.000000	1309	-1099.604286
1310	0.000000	1310	2190.000541
1311	26.000000	1311	-1204.400252
1312	147.000000	1312	-1461.650119
1313	60.000000	1313	1072.128374
1314	60.000000	1314	1104.400252
1315	18.000000	1315	2370.477415
1316	0.000000	1316	0.556000
1317	-0.000000	1317	0.000000
1318	487.685742	1318	0.000000
1319	59536.618369	1319	0.000000
1320	675.066254	1320	0.000000
1321	171.529211	1321	0.000000
1322	0.000000	1322	3.781000
1323	993.702892	1323	0.000000
1324	68.670398	1324	0.000000
1325	0.000000	1325	201.630545
1326	121.551088	1326	0.000000
1327	26.000000	1327	0.000000
1328	147.000000	1328	0.000000
1329	20150.404516	1329	0.000000
1330	0.000000	1330	0.000000
1331	45.159048	1331	0.000000
1332	-0.000000	1332	0.000000
1333	-0.000000	1333	0.000000
1334	0.000000	1334	0.000000
1335	630.671120	1335	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
1336	-0.000000	1336	0.000000
1337	-0.000000	1337	0.000000
1338	267.683200	1338	0.000000
1339	-0.000000	1339	0.000000
1340	1227.659825	1340	0.000000
1341	-0.000000	1341	0.000000
1342	-0.000000	1342	0.000000
1343	1227.659825	1343	0.000000
1344	0.000000	1344	3394.400793
1345	-0.000000	1345	0.000000
1346	1240.000000	1346	0.000000
1347	0.000000	1347	0.000000
1348	494.712684	1348	0.000000
1349	-0.000000	1349	0.000000
1350	-0.000000	1350	0.000000
1351	-0.000000	1351	0.000000
1352	120.750256	1352	0.000000
1353	0.000000	1353	0.000000
1354	0.000000	1354	20.651801
1355	0.000000	1355	222.363740
1356	0.000000	1356	90.748887
1357	81.034059	1357	0.000000
1358	0.000000	1358	150.670075
1359	144.000000	1359	0.000000
1360	1.000000	1360	0.000000
1361	18.000000	1361	0.000000
1362	86.570965	1362	0.000000
1363	285.037667	1363	0.000000
1364	1.000000	1364	0.000000
1365	-0.000000	1365	0.000000
1366	31.000000	1366	0.000000
1367	206.385940	1367	0.000000
1368	30.000000	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	-0.000000	1374	0.000000
1375	-0.000000	1375	0.000000
1376	-0.000000	1376	0.000000
1377	-0.000000	1377	0.000000
1378	-0.000000	1378	0.000000
1379	0.000000	1379	310.579104
1380	0.000000	1380	366.866742
1381	-0.000000	1381	0.000000
1382	-0.000000	1382	0.000000
1383	-0.000000	1383	0.000000
1384	238.845104	1384	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
1385	9.629081	1385	0.000000
1386	-0.000000	1386	0.000000
1387	0.000000	1387	89.159387
1388	-0.000000	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	634.758739
1394	0.000000	1394	641.049894
1395	0.000000	1395	642.559771
1396	0.000000	1396	577.932161
1397	0.000000	1397	577.932161
1398	0.000000	1398	577.932161
1399	0.000000	1399	0.000000
1400	0.000000	1400	265.428741
1401	-0.000000	1401	0.000000
1402	0.000000	1402	73.794302
1403	-0.000000	1403	0.000000
1404	-0.000000	1404	0.000000
1405	0.000000	1405	149.763150
1406	601.878950	1406	0.000000
1407	0.000000	1407	661.016959
1408	-0.000000	1408	0.000000
1409	0.000000	1409	262.242302
1410	198.032682	1410	0.000000
1411	-0.000000	1411	0.000000
1412	0.000000	1412	15.384553
1413	0.000000	1413	105.097902
1414	2100.000000	1414	0.000000
1415	-0.000000	1415	0.000000
1416	-0.000000	1416	0.000000
1417	0.000000	1417	111.915695
1418	0.000000	1418	106.407017
1419	0.000000	1419	624.133776
1420	0.000000	1420	71.649245
1421	-0.000000	1421	0.000000
1422	0.000000	1422	90.175366
1423	0.000000	1423	339.948957
1424	101.884258	1424	0.000000
1425	-0.000000	1425	0.000000
1426	-0.000000	1426	0.000000
1427	-0.000000	1427	0.000000
1428	107.146467	1428	0.000000
1429	-0.000000	1429	0.000000
1430	-0.000000	1430	0.000000
1431	-0.000000	1431	0.000000
1432	-0.000000	1432	0.000000
1433	-0.000000	1433	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
1434	0.000000	1434	34.770002
1435	-0.000000	1435	0.000000
1436	-0.000000	1436	0.000000
1437	0.000000	1437	14.889851
1438	-0.000000	1438	0.000000
1439	1899.546461	1439	0.000000
1440	-0.000000	1440	0.000000
1441	-0.000000	1441	0.000000
1442	320.026363	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	0.000000
1451	1100.486482	1451	0.000000
1452	1038.684078	1452	0.000000
1453	-0.000000	1453	0.000000
1454	-0.000000	1454	0.000000
1455	20105.953526	1455	0.000000
1456	45.486879	1456	0.000000
1457	240.504093	1457	0.000000
1458	362.854522	1458	0.000000
1459	486.554154	1459	0.000000
1460	241.487163	1460	0.000000
1461	-0.000000	1461	0.000000
1462	-0.000000	1462	0.000000
1463	-0.000000	1463	0.000000
1464	-0.000000	1464	0.000000
1465	-0.000000	1465	0.000000
1466	-0.000000	1466	0.000000
1467	-0.000000	1467	0.000000
1468	-0.000000	1468	0.000000
1469	-0.000000	1469	0.000000
1470	-0.000000	1470	0.000000
1471	874.532947	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	521.291557
1477	-0.000000	1477	0.000000
1478	0.000000	1478	131.072341
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	824.992023	1488	0.000000
1489	-0.000000	1489	0.000000
1490	-0.000000	1490	0.000000
1491	53.000000	1491	236.712918
1492	141.435651	1492	0.000000
1493	-0.000000	1493	0.000000
1494	0.000000	1494	1751.396453
1495	0.000000	1495	1750.490735
1496	0.000000	1496	1674.768350
1497	0.000000	1497	1643.138672
1498	30.000000	1498	-1505.675356
1499	-0.000000	1499	0.000000
1500	0.000000	1500	1989.292749
1501	0.000000	1501	1746.410731
1502	0.000000	1502	1627.293432
1503	0.000000	1503	1099.770813
1504	0.000000	1504	1257.628078
1505	0.000000	1505	1630.986622
1506	0.000000	1506	1625.018345
1507	0.000000	1507	1859.061582
1508	0.000000	1508	1870.462832
1509	0.000000	1509	1555.921132
1510	0.000000	1510	1627.818656
1511	0.000000	1511	1451.036275
1512	0.000000	1512	273.535592
1513	0.000000	1513	928.781806
1514	17.000000	1514	1003.126456
1515	0.000000	1515	1654.655919
1516	0.000000	1516	1616.592263
1517	0.000000	1517	4054.629763
1518	0.000000	1518	4054.629763
1519	-0.000000	1519	0.000000
1520	0.000000	1520	0.000000
1521	524.209275	1521	0.000000
1522	0.000000	1522	0.000000
1523	0.000000	1523	1.880645
1524	0.000000	1524	1.880645
1525	2306.160574	1525	0.000000
1526	-0.000000	1526	0.000000
1527	-0.000000	1527	0.000000
1528	0.000000	1528	0.000000
1529	-0.000000	1529	0.000000
1530	0.000000	1530	0.000000
1531	0.000000	1531	1582.425374

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Coordenada x	Valor x	Coordenada z	Valor z
1532	645.145129	1532	0.000000
1533	0.000000	1533	0.000000
1534	0.000000	1534	2025.434236
1535	0.000000	1535	2025.434236
1536	0.000000	1536	0.000000
1537	0.000000	1537	0.000000
1538	0.000000	1538	0.000000
1539	0.000000	1539	0.000000
1540	0.000000	1540	67.495720
1541	0.000000	1541	0.000000
1542	0.000000	1542	0.000000
1543	0.000000	1543	3973.219400
1544	0.000000	1544	0.000000
1545	0.000000	1545	688.896171
1546	0.000000	1546	5437.738137
1547	137.392018	1547	0.000000
1548	0.000000	1548	1277.514746
1549	0.000000	1549	6935.745640
1550	0.000000	1550	0.000000
1551	0.000000	1551	0.000000
1552	-0.000000	1552	0.000000
1553	0.000000	1553	1165.763525
1554	-0.000000	1554	0.000000
1555	0.000000	1555	1165.959869
1556	0.000000	1556	1165.707862
1557	0.000000	1557	0.000000
1558	0.000000	1558	482.524767
1559	0.000000	1559	382.170976
1560	0.000000	1560	0.000000
1561	0.000000	1561	0.000000
1562	0.000000	1562	815.211693
1563	0.000000	1563	0.000000
1564	0.000000	1564	0.190377
1565	0.000000	1565	13.839797
1566	0.000000	1566	266.362783
1567	0.000000	1567	0.000000
1568	0.000000	1568	0.000000
1569	0.000000	1569	87.093670
1570	0.000000	1570	120.680958
1571	0.000000	1571	231.611622
1572	0.000000	1572	360.480199
1573	0.000000	1573	127.976385
1574	0.000000	1574	120.023667
1575	-0.000000	1575	0.000000
1576	-0.000000	1576	0.000000
1577	-0.000000	1577	0.000000
1578	0.000000	1578	1402.650528
1579	0.000000	1579	1575.905501
1580	0.000000	1580	62663.857553

Continua na próxima página

Coordenada x	Valor x	Coordenada z	Valor z
1581	0.000000	1581	68803.688099
1582	0.000000	1582	10798.359098
1583	-0.000000	1583	0.000000
1584	0.000000	1584	154774.631189
1585	0.000000	1585	165988.921237
1586	0.000000	1586	0.000000
1587	-0.000000	1587	0.000000
1588	0.000000	1588	32664.777645
1589	0.000000	1589	32270.602325
1590	0.000000	1590	0.000000
1591	0.000000	1591	622.806701
1592	0.000000	1592	0.000000
1593	111.747550	1593	0.000000
1594	0.000000	1594	51.588885
1595	197.197269	1595	0.000000
1596	0.000000	1596	107.546448
1597	0.000000	1597	92.881605
1598	0.000000	1598	0.000000
1599	-0.000000	1599	0.000000
1600	0.000000	1600	1582.425374
1601	0.000000	1601	557.639556
1602	257.856974	1602	0.000000
1603	430.895078	1603	0.000000
1604	0.000000	1604	2025.434236
1605	0.000000	1605	2025.434236
1606	778.328005	1606	0.000000
1607	0.000000	1607	0.000000
1608	435.619590	1608	0.000000
1609	271.800000	1609	0.000000
1610	0.000000	1610	67.495720
1611	418.154378	1611	0.000000
1612	-0.000000	1612	0.000000
1613	1124.451068	1613	0.000000
1614	1218.927961	1614	0.000000
1615	0.000000	1615	3973.219400
1616	95.865560	1616	0.000000
1617	0.000000	1617	81.988739
1618	0.000000	1618	334.978702
1619	0.000000	1619	57.149612
1620	0.000000	1620	499.528407
1621	-0.000000	1621	0.000000
1622	0.000000	1622	97.004670
1623	-0.000000	1623	0.000000
1624	0.000000	1624	688.896171
1625	0.000000	1625	5437.738137
1626	0.000000	1626	843.781871
1627	351.115442	1627	0.000000
1628	0.000000	1628	1277.514746
1629	0.000000	1629	6935.745640

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Coordenada x	Valor x	Coordenada z	Valor z
1630	-0.000000	1630	0.000000
1631	273.607620	1631	0.000000
1632	-0.000000	1632	0.000000
1633	230.468798	1633	0.000000
1634	0.000000	1634	332.889265
1635	0.000000	1635	736.221121
1636	0.000000	1636	1293.098753
1637	0.000000	1637	1306.641822
1638	0.000000	1638	1580.276775
1639	0.000000	1639	1309.572718
1640	0.000000	1640	0.000000
1641	0.000000	1641	1165.763525
1642	0.000000	1642	0.000000
1643	0.000000	1643	1165.959869
1644	0.000000	1644	1165.707862
1645	-0.000000	1645	0.000000
1646	-0.000000	1646	0.000000
1647	0.000000	1647	482.524767
1648	-0.000000	1648	0.000000
1649	0.000000	1649	382.170976
1650	-0.000000	1650	0.000000
1651	-0.000000	1651	0.000000
1652	-0.000000	1652	0.000000
1653	-0.000000	1653	0.000000
1654	0.000000	1654	815.211693
1655	1711.874243	1655	0.000000
1656	0.000000	1656	0.190377
1657	0.000000	1657	13.839797
1658	0.000000	1658	266.362783
1659	968.946819	1659	0.000000
1660	353.577109	1660	0.000000
1661	0.000000	1661	87.093670
1662	0.000000	1662	120.680958
1663	0.000000	1663	231.611622
1664	0.000000	1664	360.480199
1665	0.000000	1665	127.976385
1666	0.000000	1666	120.023667
1667	0.000000	1667	0.000000
1668	0.000000	1668	0.000000
1669	0.000000	1669	0.000000
1670	0.000000	1670	1669.466248
1671	0.000000	1671	1637.705568
1672	0.000000	1672	1600.853195
1673	0.000000	1673	1651.024167
1674	0.000000	1674	1402.650528
1675	0.000000	1675	1575.905501
1676	0.000000	1676	1656.555822
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	65180.215524
1681	0.000000	1681	62663.857553
1682	0.000000	1682	71478.742146
1683	0.000000	1683	68803.688099
1684	0.000000	1684	10798.359098
1685	0.000000	1685	0.000000
1686	0.000000	1686	0.000000
1687	0.000000	1687	161665.653968
1688	0.000000	1688	154774.631189
1689	0.000000	1689	173328.666702
1690	0.000000	1690	165988.921237
1691	-0.000000	1691	0.000000
1692	0.000000	1692	0.000000
1693	0.000000	1693	0.000000
1694	0.000000	1694	34033.207701
1695	0.000000	1695	32664.777645
1696	0.000000	1696	33523.556867
1697	0.000000	1697	32270.602325
1698	-0.000000	1698	0.000000
1699	0.000000	1699	622.806701
1700	0.000000	1700	51.588885
1701	62.404546	1701	0.000000
1702	0.000000	1702	107.546448
1703	0.000000	1703	92.881605
1704	0.000000	1704	557.639556
1705	0.000000	1705	2025.434236
1706	0.000000	1706	2025.434236
1707	0.000000	1707	0.000000
1708	0.000000	1708	0.000000
1709	0.000000	1709	0.000000
1710	0.000000	1710	0.000000
1711	429.677800	1711	0.000000
1712	0.000000	1712	0.000000
1713	0.000000	1713	3973.219400
1714	288.721489	1714	0.000000
1715	0.000000	1715	81.988739
1716	0.000000	1716	334.978702
1717	-0.000000	1717	0.000000
1718	0.000000	1718	57.149612
1719	0.000000	1719	499.528407
1720	0.000000	1720	0.000000
1721	0.000000	1721	97.004670
1722	0.000000	1722	0.000000
1723	0.000000	1723	843.781871
1724	0.000000	1724	6935.745640
1725	0.000000	1725	0.000000
1726	0.000000	1726	0.000000
1727	0.000000	1727	332.889265

Continua na próxima página

Coordenada x	Valor x	Coordenada z	Valor z
1728	137.189224	1728	0.000000
1729	0.000000	1729	736.221121
1730	0.000000	1730	1293.098753
1731	0.000000	1731	1306.641822
1732	0.000000	1732	1580.276775
1733	0.000000	1733	1309.572718
1734	-0.000000	1734	0.000000
1735	0.000000	1735	0.000000
1736	0.000000	1736	482.524767
1737	0.000000	1737	0.000000
1738	0.000000	1738	382.170976
1739	0.000000	1739	0.000000
1740	0.000000	1740	0.000000
1741	0.000000	1741	1669.466248
1742	0.000000	1742	1637.705568
1743	0.000000	1743	1600.853195
1744	0.000000	1744	1651.024167
1745	0.000000	1745	1402.650528
1746	0.000000	1746	1575.905501
1747	0.000000	1747	1656.555822
1748	-0.000000	1748	0.000000
1749	-0.000000	1749	0.000000
1750	-0.000000	1750	0.000000
1751	0.000000	1751	65180.215524
1752	0.000000	1752	71478.742146
1753	-0.000000	1753	0.000000
1754	0.000000	1754	161665.653968
1755	0.000000	1755	173328.666702
1756	-0.000000	1756	0.000000
1757	0.000000	1757	34033.207701
1758	0.000000	1758	33523.556867
1759	0.000000	1759	7524.735588
1760	0.000000	1760	2673.147224
1761	361.823079	1761	0.000000
1762	0.000000	1762	5050.794516
1763	0.000000	1763	7524.735588
1764	-0.000000	1764	0.000000
1765	-0.000000	1765	0.000000
1766	-0.000000	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	-0.000000	1773	0.000000
1774	-0.000000	1774	0.000000
1775	-0.000000	1775	0.000000
1776	-0.000000	1776	0.000000

Continua na próxima página

Coordenada x	Valor x	Coordenada z	Valor z
1777	0.000000	1777	1613.145614
1778	0.000000	1778	306.108828
1779	0.000000	1779	3155.362405
1780	0.000000	1780	2081.026572
1781	0.000000	1781	1385.897588
1782	1213.501933	1782	0.000000
1783	0.000000	1783	2980.194445
1784	0.000000	1784	1846.493927
1785	0.000000	1785	1352.601662
1786	0.000000	1786	3011.280074
1787	0.000000	1787	88.892229
1788	0.000000	1788	2007.731968
1789	-0.000000	1789	0.000000
1790	27.946054	1790	0.000000
1791	-0.000000	1791	0.000000
1792	-0.000000	1792	0.000000
1793	-0.000000	1793	0.000000
1794	9845.000000	1794	-0.940000
1795	130.000000	1795	-1.086000
1796	-0.000000	1796	0.000000
1797	1380.000000	1797	-0.610000
1798	-0.000000	1798	0.000000
1799	5.000000	1799	-1.955000
1800	1155.000000	1800	-0.388000
1801	-0.000000	1801	0.000000
1802	2967.000000	1802	-132.887667
1803	396.000000	1803	-132.886845
1804	739.000000	1804	-135.733333
1805	806.000000	1805	-135.733333
1806	613.000000	1806	-135.733333
1807	465.000000	1807	-135.733333
1808	1552.000000	1808	-6974.313299
1809	351.000000	1809	-100.000000
1810	279.000000	1810	-5527.270710
1811	1.000000	1811	-5527.270710
1812	20.000000	1812	-2859.576077
1813	455.000000	1813	-4947.162810
1814	1.000000	1814	-5527.270710
1815	178.000000	1815	-107.225100
1816	84.000000	1816	-42.907755
1817	1.000000	1817	-100.000000
1818	43.000000	1818	-135.733333
1819	246.000000	1819	-1892.158494
1820	245.000000	1820	32.887667
1821	150.000000	1821	35.733333
1822	36.000000	1822	6874.313299
1823	0.000000	1823	0.556000
1824	0.000000	1824	1201.716100
1825	7882.965147	1825	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
1826	472788.403276	1826	0.000000
1827	1248.301347	1827	0.000000
1828	0.000000	1828	3.976000
1829	297.928599	1829	0.000000
1830	0.000000	1830	3.781000
1831	3166.805241	1831	0.000000
1832	277.235361	1832	0.000000
1833	0.000000	1833	1200.593100
1834	217.761457	1834	0.000000
1835	43.000000	1835	0.000000
1836	246.000000	1836	0.000000
1837	162461.205691	1837	0.000000
1838	0.000000	1838	4054.629763
1839	0.000000	1839	4054.629763
1840	-0.000000	1840	0.000000
1841	-0.000000	1841	0.000000
1842	0.000000	1842	0.000000
1843	778.328005	1843	0.000000
1844	-0.000000	1844	0.000000
1845	0.000000	1845	59.534747
1846	405.648000	1846	0.000000
1847	-0.000000	1847	0.000000
1848	7863.574826	1848	0.000000
1849	-0.000000	1849	0.000000
1850	-0.000000	1850	0.000000
1851	7863.574826	1851	0.000000
1852	0.000000	1852	35.733333
1853	-0.000000	1853	0.000000
1854	613.000000	1854	0.000000
1855	0.000000	1855	0.000000
1856	1554.128868	1856	0.000000
1857	1218.927961	1857	0.000000
1858	-0.000000	1858	0.000000
1859	-0.000000	1859	0.000000
1860	158.304716	1860	0.000000
1861	0.000000	1861	0.000000
1862	0.000000	1862	5401.890675
1863	0.000000	1863	1469.878649
1864	0.000000	1864	1401.466257
1865	145.174305	1865	0.000000
1866	0.000000	1866	362.688738
1867	279.000000	1867	0.000000
1868	1.000000	1868	0.000000
1869	20.000000	1869	0.000000
1870	136.405420	1870	0.000000
1871	489.248831	1871	0.000000
1872	1.000000	1872	0.000000
1873	-0.000000	1873	0.000000
1874	105.000000	1874	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
1875	326.253315	1875	0.000000
1876	4116.830967	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	-0.000000	1882	0.000000
1883	-0.000000	1883	0.000000
1884	-0.000000	1884	0.000000
1885	-0.000000	1885	0.000000
1886	-0.000000	1886	0.000000
1887	-0.000000	1887	0.000000
1888	-0.000000	1888	0.000000
1889	-0.000000	1889	0.000000
1890	0.000000	1890	1916.870084
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	423.473815
1897	0.000000	1897	1886.377539
1898	-0.000000	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	122.449298
1904	0.000000	1904	135.352947
1905	0.000000	1905	138.547134
1906	-0.000000	1906	0.000000
1907	-0.000000	1907	0.000000
1908	-0.000000	1908	0.000000
1909	0.000000	1909	0.000000
1910	0.000000	1910	1670.228109
1911	0.000000	1911	1419.163505
1912	1811.603751	1912	0.000000
1913	0.000000	1913	19.107493
1914	0.000000	1914	16.294399
1915	0.000000	1915	893.488658
1916	0.000000	1916	168.766652
1917	1600.405742	1917	0.000000
1918	884.482092	1918	0.000000
1919	0.000000	1919	896.420830
1920	0.000000	1920	1042.033789
1921	0.000000	1921	120.172607
1922	0.000000	1922	626.327690
1923	0.000000	1923	12.632109

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Coordenada x	Valor x	Coordenada z	Valor z
1924	-0.000000	1924	0.000000
1925	0.000000	1925	151.585630
1926	0.000000	1926	17.794857
1927	0.000000	1927	311.518212
1928	0.000000	1928	682.083835
1929	0.000000	1929	1089.174940
1930	0.000000	1930	866.605422
1931	-0.000000	1931	0.000000
1932	0.000000	1932	427.333058
1933	0.000000	1933	875.498944
1934	581.581348	1934	0.000000
1935	-0.000000	1935	0.000000
1936	-0.000000	1936	0.000000
1937	0.000000	1937	919.898196
1938	205.000000	1938	0.000000
1939	349.562528	1939	0.000000
1940	4773.093665	1940	0.000000
1941	2325.000000	1941	0.000000
1942	-0.000000	1942	0.000000
1943	-0.000000	1943	0.000000
1944	-0.000000	1944	0.000000
1945	0.000000	1945	6.456558
1946	-0.000000	1946	0.000000
1947	763.000000	1947	0.000000
1948	0.000000	1948	142.812515
1949	-0.000000	1949	0.000000
1950	-0.000000	1950	0.000000
1951	-0.000000	1951	0.000000
1952	-0.000000	1952	0.000000
1953	1151.845735	1953	0.000000
1954	-0.000000	1954	0.000000
1955	858.000000	1955	0.000000
1956	-0.000000	1956	0.000000
1957	236.000000	1957	0.000000
1958	559.390286	1958	0.000000
1959	-0.000000	1959	0.000000
1960	1029.000000	1960	0.000000
1961	0.000000	1961	7.375589
1962	-0.000000	1962	0.000000
1963	-0.000000	1963	0.000000
1964	-0.000000	1964	0.000000
1965	600.000000	1965	0.000000
1966	162461.205691	1966	0.000000
1967	-0.000000	1967	0.000000
1968	717.785554	1968	0.000000
1969	0.000000	1969	0.000000
1970	898.688398	1970	0.000000
1971	428.538119	1971	0.000000
1972	-0.000000	1972	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
1973	-0.000000	1973	0.000000
1974	-0.000000	1974	0.000000
1975	-0.000000	1975	0.000000
1976	0.000000	1976	846.527080
1977	0.000000	1977	3604.929619
1978	0.000000	1978	3902.694295
1979	-0.000000	1979	0.000000
1980	-0.000000	1980	0.000000
1981	-0.000000	1981	0.000000
1982	-0.000000	1982	0.000000
1983	-0.000000	1983	0.000000
1984	-0.000000	1984	0.000000
1985	-0.000000	1985	0.000000
1986	1664.611705	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	0.000000
1992	0.000000	1992	5.455778
1993	0.000000	1993	0.650863
1994	-0.000000	1994	0.000000
1995	1910.573932	1995	0.000000
1996	1086.263250	1996	0.000000
1997	-0.000000	1997	0.000000
1998	-0.000000	1998	0.000000
1999	395.058222	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	172.911105	2006	0.000000
2007	114.000000	2007	34.160409
2008	-0.000000	2008	0.000000
2009	0.000000	2009	753.914603
2010	0.000000	2010	751.586371
2011	0.000000	2011	613.323732
2012	0.000000	2012	694.932626
2013	4517.830967	2013	0.000000
2014	0.000000	2014	4035.832963
2015	0.000000	2015	6025.710710
2016	0.000000	2016	5489.468660
2017	0.000000	2017	5662.248898
2018	0.000000	2018	812.264405
2019	0.000000	2019	715.024497
2020	0.000000	2020	584.639958
2021	0.000000	2021	246.603329

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Coordenada x	Valor x	Coordenada z	Valor z
2022	0.000000	2022	5988.728838
2023	0.000000	2023	5982.001361
2024	0.000000	2024	5452.190289
2025	0.000000	2025	5744.684012
2026	-0.000000	2026	0.000000
2027	0.000000	2027	293.940086
2028	0.000000	2028	4586.140894
2029	0.000000	2029	9641.603632
2030	0.000000	2030	9378.944995
2031	0.000000	2031	551.161935
2032	0.000000	2032	551.139367
2033	0.000000	2033	737.047661
2034	0.000000	2034	745.816401
2035	0.000000	2035	422.100938
2036	0.000000	2036	585.929934
2037	0.000000	2037	5877.625424
2038	0.000000	2038	3912.467381
2039	0.000000	2039	4847.625671
2040	29.000000	2040	-53.570075
2041	0.000000	2041	612.288910
2042	0.000000	2042	652.394273
2043	0.000000	2043	0.000000
2044	0.000000	2044	0.000000
2045	318.552700	2045	0.000000
2046	0.000000	2046	0.000000
2047	0.000000	2047	251.762083
2048	0.000000	2048	251.762083
2049	0.000000	2049	0.000000
2050	237.663934	2050	0.000000
2051	499.660964	2051	0.000000
2052	-0.000000	2052	0.000000
2053	341.764455	2053	0.000000
2054	852.318368	2054	0.000000
2055	0.000000	2055	0.000000
2056	0.000000	2056	27687.157784
2057	0.000000	2057	5316.486068
2058	0.000000	2058	29795.985328
2059	133.869356	2059	0.000000
2060	0.000000	2060	23072.631487
2061	-0.000000	2061	0.000000
2062	748.390390	2062	0.000000
2063	224.379777	2063	0.000000
2064	0.000000	2064	13163.899129
2065	0.000000	2065	18872.405807
2066	0.000000	2066	5309.272075
2067	0.000000	2067	19846.408504
2068	0.000000	2068	15945.444343
2069	0.000000	2069	12871.587070
2070	0.000000	2070	27218.904392

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Coordenada x	Valor x	Coordenada z	Valor z
2071	0.000000	2071	12453.021179
2072	0.000000	2072	23507.572158
2073	0.000000	2073	25033.239732
2074	0.000000	2074	2536.532751
2075	0.000000	2075	1330.596389
2076	0.000000	2076	7622.849065
2077	0.000000	2077	1347.655336
2078	0.000000	2078	5439.828420
2079	0.000000	2079	6470.541438
2080	0.000000	2080	11212.949551
2081	0.000000	2081	8196.060729
2082	0.000000	2082	12118.016197
2083	0.000000	2083	78151.909914
2084	0.000000	2084	82258.433543
2085	0.000000	2085	31557.197263
2086	0.000000	2086	291.084457
2087	0.000000	2087	150092.918737
2088	0.000000	2088	151341.637951
2089	0.000000	2089	6298.249176
2090	0.000000	2090	3723.969309
2091	0.000000	2091	46270.103854
2092	0.000000	2092	45118.309134
2093	0.000000	2093	17751.498502
2094	0.000000	2094	3741.000775
2095	0.000000	2095	2734.707181
2096	0.000000	2096	2953.102486
2097	0.000000	2097	2255.805323
2098	0.000000	2098	1638.121022
2099	0.000000	2099	1612.171743
2100	0.000000	2100	-0.000000
2101	0.000000	2101	894.571137
2102	0.000000	2102	88.930944
2103	0.000000	2103	879.862742
2104	0.000000	2104	2612.488774
2105	0.000000	2105	107.314579
2106	334.842305	2106	0.000000
2107	0.000000	2107	745.475948
2108	0.000000	2108	1849.724298
2109	0.000000	2109	2190.609511
2110	0.000000	2110	1265.603007
2111	0.000000	2111	2746.617338
2112	0.000000	2112	3390.512646
2113	0.000000	2113	1216.045822
2114	0.000000	2114	412.802461
2115	0.000000	2115	2132.478721
2116	0.000000	2116	3108.383722
2117	0.000000	2117	1561.510746
2118	18.747250	2118	0.000000
2119	0.000000	2119	1851.591188

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Coordenada x	Valor x	Coordenada z	Valor z
2120	0.000000	2120	6630.343496
2121	0.000000	2121	7894.397903
2122	0.000000	2122	2664.849406
2123	0.000000	2123	8150.123775
2124	0.000000	2124	2396.294633
2125	0.000000	2125	3378.089561
2126	0.000000	2126	3555.985577
2127	-0.000000	2127	0.000000
2128	0.000000	2128	3590.196560
2129	0.000000	2129	714.319511
2130	0.000000	2130	2210.163414
2131	24.615421	2131	0.000000
2132	0.000000	2132	98.256207
2133	0.000000	2133	753.325785
2134	0.000000	2134	244.042495
2135	0.000000	2135	863.694363
2136	0.000000	2136	672.284402
2137	0.000000	2137	458.263112
2138	0.000000	2138	709.668719
2139	0.000000	2139	429.742931
2140	0.345866	2140	0.000000
2141	0.000000	2141	403.706760
2142	0.000000	2142	443.923075
2143	-0.000000	2143	0.000000
2144	0.000000	2144	249.053131
2145	-0.000000	2145	0.000000
2146	-0.000000	2146	0.000000
2147	-0.000000	2147	0.000000
2148	0.000000	2148	5279.756677
2149	0.000000	2149	4021.766015
2150	0.000000	2150	5591.738361
2151	0.000000	2151	3641.729805
2152	0.000000	2152	73175.479284
2153	0.000000	2153	690.604897
2154	0.000000	2154	77335.959463
2155	0.000000	2155	26937.654415
2156	-0.000000	2156	0.000000
2157	0.000000	2157	883.393005
2158	0.000000	2158	4660.342487
2159	0.000000	2159	142192.655060
2160	0.000000	2160	1092.409952
2161	0.000000	2161	142878.297942
2162	0.158764	2162	0.000000
2163	5.827438	2163	0.000000
2164	0.000000	2164	2346.494526
2165	0.000000	2165	3255.534449
2166	0.000000	2166	43540.630646
2167	0.000000	2167	720.048798
2168	0.000000	2168	42432.806703

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Coordenada x	Valor x	Coordenada z	Valor z
2169	0.000000	2169	15303.240953
2170	0.000000	2170	1998.993817
2171	0.000000	2171	1845.721424
2172	0.000000	2172	1415.429608
2173	0.000000	2173	2089.555056
2174	0.000000	2174	-0.000000
2175	0.000000	2175	0.000000
2176	0.000000	2176	509.718317
2177	0.000000	2177	509.718317
2178	0.000000	2178	1419.074171
2179	-0.000000	2179	0.000000
2180	-0.000000	2180	0.000000
2181	319.370327	2181	0.000000
2182	0.000000	2182	-0.000000
2183	0.000000	2183	1724.713110
2184	0.000000	2184	1922.477421
2185	-0.000000	2185	0.000000
2186	0.000000	2186	1668.140812
2187	0.000000	2187	1712.540994
2188	-0.000000	2188	0.000000
2189	302.431170	2189	0.000000
2190	-0.000000	2190	0.000000
2191	0.000000	2191	1863.659989
2192	0.000000	2192	500.776246
2193	0.000000	2193	1963.327450
2194	0.000000	2194	4895.499955
2195	0.000000	2195	4906.600209
2196	0.000000	2196	2210.090556
2197	0.000000	2197	4909.264270
2198	36.099518	2198	0.000000
2199	28.999000	2199	0.000000
2200	-0.000000	2200	0.000000
2201	0.000000	2201	32.547695
2202	76.092000	2202	0.000000
2203	28.778985	2203	0.000000
2204	-0.000000	2204	0.000000
2205	-0.000000	2205	0.000000
2206	-0.000000	2206	0.000000
2207	-0.000000	2207	0.000000
2208	-0.000000	2208	0.000000
2209	-0.000000	2209	0.000000
2210	-0.000000	2210	0.000000
2211	-0.000000	2211	0.000000
2212	-0.000000	2212	0.000000
2213	-0.000000	2213	0.000000
2214	-0.000000	2214	0.000000
2215	0.000000	2215	6762.370621
2216	0.000000	2216	2530.545905
2217	96.325736	2217	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
2218	0.000000	2218	4284.623285
2219	-0.000000	2219	0.000000
2220	-0.000000	2220	0.000000
2221	-0.000000	2221	0.000000
2222	-0.000000	2222	0.000000
2223	-0.000000	2223	0.000000
2224	-0.000000	2224	0.000000
2225	8.247924	2225	0.000000
2226	185.385382	2226	0.000000
2227	-0.000000	2227	0.000000
2228	-0.000000	2228	0.000000
2229	-0.000000	2229	0.000000
2230	0.000000	2230	1512.013459
2231	0.000000	2231	280.228928
2232	0.000000	2232	1928.302788
2233	0.000000	2233	748.153410
2234	0.000000	2234	1302.017032
2235	390.817190	2235	0.000000
2236	0.000000	2236	1730.768364
2237	0.000000	2237	483.966851
2238	0.000000	2238	1291.563196
2239	0.000000	2239	1752.187505
2240	0.000000	2240	117.187431
2241	0.000000	2241	638.975184
2242	12.928111	2242	0.000000
2243	0.000000	2243	7370.033206
2244	11.908855	2244	0.000000
2245	437.000000	2245	-0.953000
2246	5845.000000	2246	-1.007000
2247	815.000000	2247	-0.785000
2248	535.000000	2248	-0.549000
2249	-0.000000	2249	0.000000
2250	0.479397	2250	0.000000
2251	1125.000000	2251	-0.291000
2252	-0.000000	2252	0.000000
2253	860.000000	2253	-4128.031265
2254	714.000000	2254	-4127.930564
2255	917.000000	2255	-1339.175331
2256	346.000000	2256	-4190.689069
2257	476.000000	2257	-4369.325495
2258	432.000000	2258	-4592.667932
2259	372.000000	2259	-4816.410897
2260	687.000000	2260	-6165.914929
2261	661.403918	2261	0.000000
2262	45.000000	2262	-4441.050319
2263	669.000000	2263	-4047.798832
2264	335.000000	2264	-4920.840332
2265	117.000000	2265	-4524.089988
2266	45.000000	2266	-1775.777153

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Coordenada x	Valor x	Coordenada z	Valor z
2267	0.000000	2267	52.091255
2268	31.000000	2268	-3928.320679
2269	0.000000	2269	-100.000000
2270	98.000000	2270	1239.175331
2271	84.000000	2271	-100.000000
2272	37.000000	2272	3947.798832
2273	75.000000	2273	4820.840332
2274	396.212096	2274	0.000000
2275	1434.538778	2275	0.000000
2276	58713.012783	2276	0.000000
2277	346.740889	2277	0.000000
2278	5.389201	2278	0.000000
2279	0.000000	2279	3.323000
2280	0.000000	2280	1.411000
2281	123.353139	2281	0.000000
2282	515.614683	2282	0.000000
2283	31.000000	2283	0.000000
2284	19954.946373	2284	0.000000
2285	0.000000	2285	0.000000
2286	223.914374	2286	0.000000
2287	-0.000000	2287	0.000000
2288	-0.000000	2288	0.000000
2289	0.000000	2289	0.000000
2290	-0.000000	2290	0.000000
2291	-0.000000	2291	0.000000
2292	735.708000	2292	0.000000
2293	-0.000000	2293	0.000000
2294	1139.342390	2294	0.000000
2295	0.000000	2295	250.661090
2296	476.000000	2296	0.000000
2297	432.000000	2297	0.000000
2298	0.000000	2298	0.000000
2299	788.081989	2299	0.000000
2300	-0.000000	2300	0.000000
2301	-0.000000	2301	0.000000
2302	-0.000000	2302	0.000000
2303	370.659414	2303	0.000000
2304	0.000000	2304	0.000000
2305	164.942584	2305	0.000000
2306	0.000000	2306	154.526877
2307	233.781399	2307	0.000000
2308	45.000000	2308	0.000000
2309	61.360500	2309	0.000000
2310	596.335163	2310	0.000000
2311	260.000000	2311	0.000000
2312	-0.000000	2312	0.000000
2313	45.000000	2313	0.000000
2314	148.195308	2314	0.000000
2315	50.596082	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	-0.000000	2318	0.000000
2319	0.000000	2319	415.807619
2320	-0.000000	2320	0.000000
2321	-0.000000	2321	0.000000
2322	15.565058	2322	0.000000
2323	607.024826	2323	0.000000
2324	-0.000000	2324	0.000000
2325	-0.000000	2325	0.000000
2326	-0.000000	2326	0.000000
2327	0.000000	2327	1460.626406
2328	0.000000	2328	1448.589152
2329	0.000000	2329	1464.237583
2330	127.000000	2330	3232.036078
2331	0.000000	2331	0.000000
2332	0.000000	2332	218.446576
2333	0.000000	2333	23.044317
2334	0.000000	2334	82.520183
2335	850.000000	2335	0.000000
2336	-0.000000	2336	0.000000
2337	231.244109	2337	0.000000
2338	0.000000	2338	43.705534
2339	2337.000000	2339	0.000000
2340	0.000000	2340	24.870111
2341	0.000000	2341	1894.610425
2342	358.511811	2342	0.000000
2343	-0.000000	2343	0.000000
2344	125.609714	2344	0.000000
2345	470.000000	2345	0.000000
2346	0.000000	2346	590.309445
2347	115.232993	2347	0.000000
2348	-0.000000	2348	0.000000
2349	0.000000	2349	213.237545
2350	-0.000000	2350	0.000000
2351	-0.000000	2351	0.000000
2352	0.000000	2352	657.271529
2353	0.916407	2353	0.000000
2354	-0.000000	2354	0.000000
2355	338.520867	2355	0.000000
2356	1223.000000	2356	0.000000
2357	-0.000000	2357	0.000000
2358	-0.000000	2358	0.000000
2359	-0.000000	2359	0.000000
2360	-0.000000	2360	0.000000
2361	1143.336445	2361	0.000000
2362	86.166432	2362	0.000000
2363	19736.945044	2363	0.000000
2364	226.431193	2364	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
2365	237.905511	2365	0.000000
2366	181.359347	2366	0.000000
2367	340.131822	2367	0.000000
2368	847.656258	2368	0.000000
2369	-0.000000	2369	0.000000
2370	-0.000000	2370	0.000000
2371	-0.000000	2371	0.000000
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	536.100398	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	0.000000
2385	0.000000	2385	604.674289
2386	0.000000	2386	342.964350
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	0.398005	2396	0.000000
2397	-0.000000	2397	0.000000
2398	-0.000000	2398	0.000000
2399	57.000000	2399	646.564958
2400	149.609297	2400	0.000000
2401	54.974184	2401	0.000000
2402	0.000000	2402	1139.443271
2403	0.000000	2403	1139.105623
2404	0.000000	2404	3617.853808
2405	0.000000	2405	3625.954672
2406	0.000000	2406	581.332976
2407	0.000000	2407	3342.193462
2408	0.000000	2408	357.434124
2409	0.000000	2409	3951.706116
2410	628.000000	2410	376.013227
2411	0.000000	2411	1889.176485
2412	0.000000	2412	3112.270893
2413	0.000000	2413	3031.997065

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Coordenada x	Valor x	Coordenada z	Valor z
2414	0.000000	2414	3589.015194
2415	-0.000000	2415	0.000000
2416	0.000000	2416	3081.797754
2417	-0.000000	2417	0.000000
2418	0.000000	2418	3990.001902
2419	0.000000	2419	3190.209270
2420	0.000000	2420	4291.237297
2421	0.000000	2421	0.000000
2422	0.000000	2422	134.398057
2423	49.000000	2423	-107.333870
2424	24.000000	2424	-1579.008268
2425	0.000000	2425	0.000000
2426	22.000000	2426	3.522170
2427	-0.000000	2427	0.000000
2428	0.000000	2428	8.560870
2429	-0.000000	2429	0.000000
2430	49.000000	2430	0.000000
2431	24.000000	2431	0.000000
2432	-0.000000	2432	0.000000
2433	0.000000	2433	108.578870
2434	0.000000	2434	1580.042268
2435	0.000000	2435	0.000000
2436	-0.000000	2436	0.000000
2437	-0.000000	2437	0.000000
2438	100.000000	2438	-109.363870
2439	50.000000	2439	-1480.690268
2440	0.000000	2440	33.636898
2441	-0.000000	2441	0.000000
2442	0.000000	2442	9.363870
2443	0.000000	2443	133.325057
2444	-0.000000	2444	0.000000
2445	0.000000	2445	132.624057
2446	0.000000	2446	144.306836
2447	100.000000	2447	0.000000
2448	0.000000	2448	0.000000
2449	92.000000	2449	232.624057
2450	48.000000	2450	244.306836
2451	8.000000	2451	-9.363870
2452	26.000000	2452	-482.712198
2453	17.000000	2453	-1080.003377
2454	44.000000	2454	3.522170
2455	0.000000	2455	7.418682
2456	0.000000	2456	16.855254
2457	-0.000000	2457	0.000000
2458	0.000000	2458	23.218487
2459	116.565114	2459	0.000000
2460	157.646322	2460	0.000000
2461	0.000000	2461	4.066936
2462	872.289417	2462	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
2463	1071.383422	2463	0.000000
2464	-0.000000	2464	0.000000
2465	0.000000	2465	277.572521
2466	0.000000	2466	34.984785
2467	0.000000	2467	35.450294
2468	0.000000	2468	262.714907
2469	0.000000	2469	265.566385
2470	0.000000	2470	183.109182
2471	0.000000	2471	182.566461
2472	0.000000	2472	263.257634
2473	0.000000	2473	262.714907
2474	0.000000	2474	77.304834
2475	-0.000000	2475	0.000000
2476	-0.000000	2476	0.000000
2477	-0.000000	2477	0.000000
2478	0.000000	2478	27.822965
2479	-0.000000	2479	0.000000
2480	0.000000	2480	44.545622
2481	0.000000	2481	40.785742
2482	0.000000	2482	40.749934
2483	0.000000	2483	8.408998
2484	0.000000	2484	38.601431
2485	0.000000	2485	34.266366
2486	0.000000	2486	42.540353
2487	0.000000	2487	39.031132
2488	0.000000	2488	39.102749
2489	0.000000	2489	40.177000
2490	0.000000	2490	41.251251
2491	0.000000	2491	41.859994
2492	0.000000	2492	43.399754
2493	0.000000	2493	42.540353
2494	0.000000	2494	37.061671
2495	0.000000	2495	15.896084
2496	0.000000	2496	402.284349
2497	0.000000	2497	140.128133
2498	0.000000	2498	259.944230
2499	0.000000	2499	375.813279
2500	0.000000	2500	123.774074
2501	0.000000	2501	125.421016
2502	0.000000	2502	328.148160
2503	0.000000	2503	330.999638
2504	0.000000	2504	262.174363
2505	0.000000	2505	261.631641
2506	-0.000000	2506	0.000000
2507	0.000000	2507	-0.000000
2508	0.000000	2508	328.690887
2509	0.000000	2509	328.148160
2510	0.000000	2510	112.634639
2511	0.000000	2511	276.070176

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Coordenada x	Valor x	Coordenada z	Valor z
2512	0.000000	2512	119.729734
2513	0.000000	2513	35.032033
2514	0.000000	2514	11.529530
2515	0.000000	2515	24.389390
2516	0.000000	2516	174.273279
2517	0.000000	2517	148.858277
2518	0.000000	2518	148.858277
2519	0.000000	2519	148.858277
2520	0.000000	2520	104.057048
2521	0.000000	2521	104.057048
2522	0.000000	2522	104.057048
2523	0.000000	2523	8.868869
2524	0.000000	2524	170.268531
2525	0.000000	2525	70.950953
2526	0.000000	2526	129.426265
2527	0.000000	2527	109.055421
2528	0.000000	2528	157.599742
2529	0.000000	2529	144.297513
2530	0.000000	2530	144.170825
2531	0.000000	2531	115.101552
2532	0.000000	2532	136.569551
2533	0.000000	2533	138.959570
2534	0.000000	2534	150.505220
2535	0.000000	2535	138.089806
2536	0.000000	2536	138.343182
2537	0.000000	2537	142.143819
2538	0.000000	2538	102.878883
2539	0.000000	2539	105.982987
2540	0.000000	2540	145.944456
2541	0.000000	2541	148.098150
2542	0.000000	2542	101.991996
2543	0.000000	2543	82.037040
2544	0.000000	2544	79.376379
2545	0.000000	2545	153.545729
2546	0.000000	2546	150.505220
2547	0.000000	2547	81.593596
2548	0.000000	2548	172.942949
2549	0.000000	2549	177.377384
2550	0.000000	2550	131.121972
2551	0.000000	2551	104.776252
2552	0.000000	2552	307.387449
2553	209.393267	2553	0.000000
2554	0.000000	2554	127.354636
2555	0.000000	2555	207.748208
2556	-0.000000	2556	0.000000
2557	0.000000	2557	2.851478
2558	0.000000	2558	0.542722
2559	177.130586	2559	0.000000
2560	-0.000000	2560	0.000000

Continua na próxima página

Coordenada x	Valor x	Coordenada z	Valor z
2561	116.925546	2561	0.000000
2562	0.000000	2562	0.542727
2563	192.708863	2563	0.000000
2564	334.276273	2564	0.000000
2565	0.000000	2565	138.159260
2566	270.031450	2566	0.000000
2567	370.736973	2567	0.000000
2568	-0.000000	2568	0.000000
2569	-0.000000	2569	0.000000
2570	168.797043	2570	0.000000
2571	0.000000	2571	22.476891
2572	0.000000	2572	22.476891
2573	0.000000	2573	22.476891
2574	-0.000000	2574	0.000000
2575	0.000000	2575	118.829090
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	307.387449
2586	0.000000	2586	0.000000
2587	0.000000	2587	127.354636
2588	0.000000	2588	207.748208
2589	0.000000	2589	2.851478
2590	0.000000	2590	0.000000
2591	0.000000	2591	0.000000
2592	0.000000	2592	138.159260
2593	-0.000000	2593	0.000000
2594	0.000000	2594	0.000000
2595	0.000000	2595	1458.479914
2596	0.000000	2596	394.437178
2597	0.000000	2597	51.296347
2598	387.785814	2598	0.000000
2599	0.000000	2599	1460.388581
2600	0.000000	2600	1458.479914
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

Continua na próxima página

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	254.584756
2615	0.000000	2615	59.537442
2616	0.000000	2616	591.548969
2617	0.000000	2617	452.881825
2618	0.000000	2618	210.713032
2619	663.990836	2619	0.000000
2620	0.000000	2620	560.326444
2621	0.000000	2621	410.649539
2622	-0.000000	2622	0.000000
2623	4765.000000	2623	-1.280000
2624	122.000000	2624	-0.320000
2625	-0.000000	2625	0.000000
2626	260.000000	2626	-5.305000
2627	400.000000	2627	-0.793000
2628	-0.000000	2628	0.000000
2629	-0.000000	2629	0.000000
2630	700.000000	2630	-0.529000
2631	-0.000000	2631	0.000000
2632	0.000000	2632	148.201096
2633	-0.000000	2633	0.000000
2634	1683.000000	2634	-109.363870
2635	962.000000	2635	-1580.690268
2636	133.000000	2636	-98.224750
2637	65.000000	2637	-582.712198
2638	198.000000	2638	-32.769518
2639	0.000000	2639	1.404000
2640	817.111605	2640	0.000000
2641	343.831303	2641	0.000000
2642	0.000000	2642	1.067000
2643	335.474742	2643	0.000000
2644	518.110785	2644	0.000000
2645	0.000000	2645	4.657000
2646	0.000000	2646	2.696000
2647	93.474742	2647	0.000000
2648	3042.052796	2648	0.000000
2649	1398.000000	2649	2.694105
2650	-0.000000	2650	0.000000
2651	0.000000	2651	13.781915
2652	-0.000000	2652	0.000000
2653	-0.000000	2653	0.000000
2654	-0.000000	2654	0.000000
2655	0.000000	2655	1.248210
2656	-0.000000	2656	0.000000
2657	177.130586	2657	0.000000
2658	0.000000	2658	73.389334

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Coordenada x	Valor x	Coordenada z	Valor z
2659	0.000000	2659	0.000000
2660	79.898400	2660	0.000000
2661	48.000000	2661	0.000000
2662	-0.000000	2662	0.000000
2663	-0.000000	2663	0.000000
2664	72.099627	2664	0.000000
2665	212.180648	2665	0.000000
2666	-0.000000	2666	0.000000
2667	-0.000000	2667	0.000000
2668	1683.000000	2668	0.000000
2669	0.000000	2669	0.814050
2670	-0.000000	2670	0.000000
2671	192.708863	2671	0.000000
2672	-0.000000	2672	0.000000
2673	-0.000000	2673	0.000000
2674	148.078552	2674	0.000000
2675	133.000000	2675	0.000000
2676	91.000000	2676	0.000000
2677	62.190760	2677	0.000000
2678	2.775534	2678	0.000000
2679	17.000000	2679	0.000000
2680	-0.000000	2680	0.000000
2681	-0.000000	2681	0.000000
2682	198.000000	2682	0.000000
2683	121.238845	2683	0.000000
2684	0.000000	2684	474.237977
2685	0.000000	2685	722.950428
2686	0.000000	2686	708.180593
2687	0.000000	2687	688.042841
2688	0.000000	2688	340.766221
2689	0.000000	2689	378.338873
2690	0.000000	2690	693.280064
2691	0.000000	2691	671.879024
2692	0.000000	2692	661.006465
2693	0.000000	2693	473.046519
2694	0.000000	2694	518.649752
2695	0.000000	2695	1023.089981
2696	0.000000	2696	1013.381872
2697	0.000000	2697	933.215025
2698	0.000000	2698	0.000000
2699	0.000000	2699	142.933697
2700	2518.935811	2700	0.000000
2701	0.000000	2701	59.400519
2702	0.000000	2702	73.223990
2703	628.327939	2703	0.000000
2704	0.000000	2704	55.626879
2705	0.000000	2705	21.625111
2706	-0.000000	2706	0.000000
2707	-0.000000	2707	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
2708	523.116985	2708	0.000000
2709	-0.000000	2709	0.000000
2710	-0.000000	2710	0.000000
2711	769.672061	2711	0.000000
2712	-0.000000	2712	0.000000
2713	611.000000	2713	23.987736
2714	531.058809	2714	0.000000
2715	0.000000	2715	1.573830
2716	0.000000	2716	15.355745
2717	69.688679	2717	0.000000
2718	203.698228	2718	0.000000
2719	0.000000	2719	86.078890
2720	0.000000	2720	69.344825
2721	0.000000	2721	41.528302
2722	0.000000	2722	41.584014
2723	0.000000	2723	41.597385
2724	-0.000000	2724	0.000000
2725	595.474742	2725	0.000000
2726	0.000000	2726	838.707411
2727	0.000000	2727	842.123918
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	910.824192	2735	0.000000
2736	-0.000000	2736	0.000000
2737	0.000000	2737	60.990125
2738	0.000000	2738	22.119817
2739	0.000000	2739	262.114729
2740	-0.000000	2740	0.000000
2741	0.000000	2741	114.971602
2742	-0.000000	2742	0.000000
2743	0.000000	2743	126.276166
2744	-0.000000	2744	0.000000
2745	0.000000	2745	315.164257
2746	0.000000	2746	14.364301
2747	0.000000	2747	149.384693
2748	-0.000000	2748	0.000000
2749	0.000000	2749	151.353126
2750	0.000000	2750	3.697629
2751	0.000000	2751	0.000000
2752	0.000000	2752	0.000000
2753	54.197975	2753	0.000000
2754	0.000000	2754	0.000000
2755	0.000000	2755	18.143258
2756	0.000000	2756	18.143258

Continua na próxima página

Coordenada x	Valor x	Coordenada z	Valor z
2757	0.000000	2757	0.000000
2758	124.696497	2758	0.000000
2759	0.000000	2759	559.325134
2760	-0.000000	2760	0.000000
2761	0.000000	2761	120.764454
2762	0.000000	2762	148.133003
2763	0.000000	2763	-0.000000
2764	0.000000	2764	-0.000000
2765	0.000000	2765	113.939643
2766	0.000000	2766	113.939643
2767	-0.000000	2767	0.000000
2768	0.000000	2768	-0.000000
2769	0.000000	2769	302.777585
2770	0.000000	2770	171.217217
2771	0.000000	2771	150.142012
2772	0.000000	2772	228.056405
2773	0.000000	2773	228.056405
2774	0.000000	2774	390.910259
2775	0.000000	2775	228.056405
2776	0.000000	2776	210.813056
2777	0.000000	2777	263.181746
2778	0.000000	2778	291.282019
2779	0.000000	2779	224.224550
2780	0.000000	2780	223.585907
2781	0.000000	2781	246.577040
2782	0.000000	2782	185.267353
2783	0.000000	2783	232.526903
2784	0.000000	2784	255.518036
2785	0.000000	2785	192.931064
2786	0.000000	2786	194.208349
2787	0.000000	2787	213.367626
2788	0.000000	2788	232.526903
2789	0.000000	2789	243.383827
2790	0.000000	2790	270.845457
2791	0.000000	2791	255.518036
2792	0.000000	2792	157.805723
2793	0.000000	2793	533.641739
2794	0.000000	2794	54.872049
2795	0.000000	2795	205.290579
2796	0.000000	2796	365.739170
2797	0.000000	2797	363.829155
2798	-0.000000	2798	0.000000
2799	0.000000	2799	19.066196
2800	0.000000	2800	43.366685
2801	0.000000	2801	43.366685
2802	0.000000	2802	61.509943
2803	0.000000	2803	61.509943
2804	0.000000	2804	55.477594
2805	0.000000	2805	55.477594

Continua na próxima página

Coordenada x	Valor x	Coordenada z	Valor z
2806	0.000000	2806	43.366685
2807	0.000000	2807	43.366685
2808	0.000000	2808	75.757665
2809	0.000000	2809	254.197640
2810	-0.000000	2810	0.000000
2811	0.000000	2811	50.600498
2812	0.000000	2812	208.286307
2813	0.000000	2813	54.184673
2814	0.000000	2814	55.052076
2815	0.000000	2815	54.577459
2816	-0.000000	2816	0.000000
2817	0.000000	2817	155.931345
2818	0.000000	2818	54.233771
2819	0.000000	2819	49.045719
2820	0.000000	2820	503.189331
2821	0.000000	2821	503.189331
2822	0.000000	2822	292.918781
2823	0.000000	2823	503.189331
2824	39.808659	2824	0.000000
2825	-0.000000	2825	0.000000
2826	-0.000000	2826	0.000000
2827	0.346444	2827	0.000000
2828	-0.000000	2828	0.000000
2829	0.000000	2829	54.413798
2830	0.000000	2830	55.150272
2831	0.000000	2831	53.579127
2832	0.000000	2832	52.859019
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	93.424323	2840	0.000000
2841	-0.000000	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	49.798560
2846	0.000000	2846	49.798560
2847	0.000000	2847	49.798560
2848	0.000000	2848	6313.358280
2849	0.000000	2849	6153.304601
2850	-0.000000	2850	0.000000
2851	-0.000000	2851	0.000000
2852	0.000000	2852	51.713393
2853	0.000000	2853	920.334606
2854	0.000000	2854	2564.099802

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Coordenada x	Valor x	Coordenada z	Valor z
2855	0.061401	2855	0.000000
2856	0.975942	2856	0.000000
2857	0.000000	2857	52.466233
2858	0.000000	2858	3938.907949
2859	0.000000	2859	4066.759575
2860	-0.000000	2860	0.000000
2861	0.000000	2861	481.666489
2862	-0.000000	2862	0.000000
2863	0.000000	2863	154.984670
2864	0.000000	2864	315.155038
2865	0.000000	2865	314.554310
2866	0.000000	2866	-0.000000
2867	0.000000	2867	-0.000000
2868	0.000000	2868	15.688344
2869	0.000000	2869	15.688344
2870	30.517816	2870	0.000000
2871	-0.000000	2871	0.000000
2872	-0.000000	2872	0.000000
2873	57.509556	2873	0.000000
2874	0.000000	2874	-0.000000
2875	0.000000	2875	24.437058
2876	0.000000	2876	203.809901
2877	73.210174	2877	0.000000
2878	161.786610	2878	0.000000
2879	0.000000	2879	157.227558
2880	-0.000000	2880	0.000000
2881	-0.000000	2881	0.000000
2882	-0.000000	2882	0.000000
2883	0.000000	2883	105.494508
2884	-0.000000	2884	0.000000
2885	29.202438	2885	0.000000
2886	0.000000	2886	452.376073
2887	0.000000	2887	452.376073
2888	0.000000	2888	243.496642
2889	0.000000	2889	452.376073
2890	-0.000000	2890	0.000000
2891	-0.000000	2891	0.000000
2892	-0.000000	2892	0.000000
2893	2.616344	2893	0.000000
2894	-0.000000	2894	0.000000
2895	0.000000	2895	9.622325
2896	-0.000000	2896	0.000000
2897	-0.000000	2897	0.000000
2898	-0.000000	2898	0.000000
2899	0.000000	2899	6261.677620
2900	0.000000	2900	6101.738503
2901	-0.000000	2901	0.000000
2902	0.000000	2902	867.884739
2903	0.000000	2903	2511.551739

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Coordenada x	Valor x	Coordenada z	Valor z
2904	-0.000000	2904	0.000000
2905	0.000000	2905	3889.813132
2906	0.000000	2906	4017.828419
2907	0.000000	2907	1426.363481
2908	0.000000	2908	3733.608833
2909	0.000000	2909	2442.986214
2910	0.000000	2910	1790.768880
2911	0.000000	2911	1426.363481
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	3.189840	2919	0.000000
2920	31.047159	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	1402.226226
2926	0.000000	2926	561.873701
2927	0.000000	2927	1843.855815
2928	0.000000	2928	1248.140207
2929	0.000000	2929	865.012530
2930	8.402595	2930	0.000000
2931	0.000000	2931	1332.453784
2932	0.000000	2932	714.866433
2933	54.000000	2933	-1.204000
2934	930.000000	2934	-0.759000
2935	0.000000	2935	14.839111
2936	11.618403	2936	0.000000
2937	14.019701	2937	0.000000
2938	178.000000	2938	-562.133313
2939	37.366006	2939	0.000000
2940	46.000000	2940	-589.046047
2941	294.000000	2941	-553.685361
2942	42.000000	2942	-1221.561390
2943	-0.000000	2943	0.000000
2944	382.632738	2944	0.000000
2945	20.000000	2945	-373.927503
2946	20.000000	2946	-108.509103
2947	7.000000	2947	-553.685361
2948	8.000000	2948	-554.772277
2949	90.680962	2949	0.000000
2950	308.453468	2950	0.000000
2951	6838.670202	2951	0.000000
2952	0.000000	2952	16.000111

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Coordenada x	Valor x	Coordenada z	Valor z
2953	0.000000	2953	0.854000
2954	-0.000000	2954	0.000000
2955	129.493208	2955	0.000000
2956	0.000000	2956	1.079000
2957	2274.408698	2957	0.000000
2958	0.000000	2958	0.000000
2959	37.895311	2959	0.000000
2960	-0.000000	2960	0.000000
2961	-0.000000	2961	0.000000
2962	0.000000	2962	0.000000
2963	-0.000000	2963	0.000000
2964	-0.000000	2964	0.000000
2965	221.948039	2965	0.000000
2966	-0.000000	2966	0.000000
2967	-0.000000	2967	0.000000
2968	142.459707	2968	0.000000
2969	0.000000	2969	1632.827830
2970	-0.000000	2970	0.000000
2971	188.459707	2971	0.000000
2972	-0.000000	2972	0.000000
2973	0.000000	2973	0.000000
2974	57.509556	2974	0.000000
2975	-0.000000	2975	0.000000
2976	-0.000000	2976	0.000000
2977	-0.000000	2977	0.000000
2978	0.000000	2978	552.313421
2979	0.000000	2979	652.036522
2980	382.632738	2980	0.000000
2981	12.346468	2981	0.000000
2982	13.377132	2982	0.000000
2983	20.000000	2983	0.000000
2984	-0.000000	2984	0.000000
2985	7.000000	2985	0.000000
2986	8.000000	2986	0.000000
2987	28.862958	2987	0.000000
2988	-0.000000	2988	0.000000
2989	-0.000000	2989	0.000000
2990	0.000000	2990	236.365940
2991	0.000000	2991	101.823858
2992	0.000000	2992	128.104382
2993	-0.000000	2993	0.000000
2994	-0.000000	2994	0.000000
2995	6.019701	2995	0.000000
2996	101.660639	2996	0.000000
2997	0.000000	2997	32.681332
2998	-0.000000	2998	0.000000
2999	-0.000000	2999	0.000000
3000	0.000000	3000	311.858564
3001	0.000000	3001	239.096005

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Coordenada x	Valor x	Coordenada z	Valor z
3002	0.000000	3002	61.700184
3003	0.000000	3003	147.770346
3004	0.000000	3004	107.075662
3005	-0.000000	3005	0.000000
3006	0.000000	3006	0.723991
3007	0.000000	3007	9.274066
3008	0.000000	3008	80.383921
3009	0.000000	3009	70.425015
3010	0.000000	3010	2107.084794
3011	38.105793	3011	0.000000
3012	0.000000	3012	43.007311
3013	0.000000	3013	68.174693
3014	24.816887	3014	0.000000
3015	-0.000000	3015	0.000000
3016	-0.000000	3016	0.000000
3017	-0.000000	3017	0.000000
3018	-0.000000	3018	0.000000
3019	397.715308	3019	0.000000
3020	187.723209	3020	0.000000
3021	247.537132	3021	0.000000
3022	-0.000000	3022	0.000000
3023	-0.000000	3023	0.000000
3024	0.000000	3024	2106.413706
3025	91.874902	3025	0.000000
3026	-0.000000	3026	0.000000
3027	-0.000000	3027	0.000000
3028	202.846668	3028	0.000000
3029	47.833568	3029	0.000000
3030	2237.509127	3030	0.000000
3031	38.322955	3031	0.000000
3032	52.986662	3032	0.000000
3033	77.925227	3033	0.000000
3034	-0.000000	3034	0.000000
3035	-0.000000	3035	0.000000
3036	0.000000	3036	464.845474
3037	0.000000	3037	460.797347
3038	0.000000	3038	459.825797
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	11.526194	3046	0.000000
3047	-0.000000	3047	0.000000
3048	0.000000	3048	123.744356
3049	0.000000	3049	84.500067
3050	0.000000	3050	473.056628

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Coordenada x	Valor x	Coordenada z	Valor z
3051	0.000000	3051	164.680690
3052	0.000000	3052	316.673648
3053	0.000000	3053	28.674177
3054	0.000000	3054	212.085620
3055	0.000000	3055	161.332750
3056	0.000000	3056	425.192639
3057	0.000000	3057	141.640476
3058	0.000000	3058	286.729731
3059	107.507852	3059	0.000000
3060	0.000000	3060	189.893103
3061	0.000000	3061	130.840761
3062	-0.000000	3062	0.000000
3063	0.000000	3063	1049.836261
3064	0.000000	3064	499.734000
3065	0.000000	3065	736.706184
3066	0.000000	3066	844.867561
3067	-0.000000	3067	0.000000
3068	284.508474	3068	0.000000
3069	0.000000	3069	0.000000
3070	0.000000	3070	14.779618
3071	0.000000	3071	14.779618
3072	335.564408	3072	0.000000
3073	0.000000	3073	0.000000
3074	0.000000	3074	1.488162
3075	-0.000000	3075	0.000000
3076	0.000000	3076	2339.843375
3077	0.000000	3077	1758.510556
3078	0.000000	3078	6642.380515
3079	0.000000	3079	789.799530
3080	0.000000	3080	1717.679995
3081	0.000000	3081	1144.306067
3082	0.000000	3082	1381.919237
3083	0.000000	3083	0.000000
3084	0.000000	3084	230.207268
3085	0.000000	3085	37.543734
3086	0.000000	3086	241.080648
3087	0.000000	3087	1448.156839
3088	0.000000	3088	1023.595170
3089	0.000000	3089	491.868780
3090	0.000000	3090	2572.453088
3091	0.000000	3091	1661.958633
3092	0.000000	3092	1165.986483
3093	0.000000	3093	787.624405
3094	0.000000	3094	1192.729858
3095	0.000000	3095	864.265219
3096	0.000000	3096	1367.481394
3097	0.000000	3097	1853.511739
3098	0.000000	3098	1510.536772
3099	0.000000	3099	6680.906232

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Coordenada x	Valor x	Coordenada z	Valor z
3100	0.000000	3100	1721.203447
3101	0.000000	3101	1456.382865
3102	0.000000	3102	13148.442949
3103	0.000000	3103	18310.577529
3104	0.000000	3104	961.266503
3105	0.000000	3105	14108.884033
3106	0.000000	3106	15299.529344
3107	0.000000	3107	6757.756816
3108	0.000000	3108	11917.728176
3109	0.000000	3109	1480.306617
3110	0.000000	3110	805.701631
3111	0.000000	3111	2151.557558
3112	0.000000	3112	1064.579857
3113	0.000000	3113	938.518951
3114	0.000000	3114	5546.782425
3115	0.000000	3115	679.661542
3116	0.000000	3116	9303.198221
3117	0.000000	3117	995.396763
3118	0.000000	3118	818.994406
3119	0.000000	3119	111.887680
3120	0.000000	3120	86.133844
3121	0.000000	3121	202.769230
3122	0.000000	3122	81.553385
3123	0.000000	3123	178.381779
3124	0.000000	3124	2387.618135
3125	0.000000	3125	188.236369
3126	0.000000	3126	967.492413
3127	0.000000	3127	838.798732
3128	0.000000	3128	731.215299
3129	0.000000	3129	994.839398
3130	0.000000	3130	872.054582
3131	0.000000	3131	878.772933
3132	0.000000	3132	69.864737
3133	-0.000000	3133	0.000000
3134	0.000000	3134	43.943024
3135	-0.000000	3135	0.000000
3136	0.000000	3136	77.641251
3137	-0.000000	3137	0.000000
3138	0.000000	3138	25.073688
3139	-0.000000	3139	0.000000
3140	0.000000	3140	0.385402
3141	-0.000000	3141	0.000000
3142	-0.000000	3142	0.000000
3143	0.000000	3143	17156.550561
3144	-0.000000	3144	0.000000
3145	0.000000	3145	2363.038405
3146	0.000000	3146	1818.831937
3147	0.000000	3147	1599.037938
3148	0.000000	3148	1536.058554

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Coordenada x	Valor x	Coordenada z	Valor z
3149	0.000000	3149	1528.352429
3150	0.000000	3150	6706.436670
3151	0.000000	3151	757.137314
3152	0.000000	3152	1718.233064
3153	0.000000	3153	1866.391929
3154	0.000000	3154	1172.334171
3155	0.000000	3155	1407.706924
3156	4.721869	3156	0.000000
3157	0.000000	3157	-0.000000
3158	66.106166	3158	0.000000
3159	0.000000	3159	0.000000
3160	0.000000	3160	1483.605015
3161	0.000000	3161	944.647661
3162	0.000000	3162	149.623905
3163	0.000000	3163	1913.828307
3164	0.000000	3164	924.163591
3165	0.000000	3165	1931.923985
3166	0.000000	3166	2829.171937
3167	0.000000	3167	2573.358189
3168	0.000000	3168	1178.944596
3169	0.000000	3169	1444.086372
3170	0.000000	3170	1308.982320
3171	0.000000	3171	1408.551421
3172	0.000000	3172	1807.216818
3173	0.000000	3173	1150.300190
3174	0.000000	3174	1698.428381
3175	0.000000	3175	1467.779667
3176	0.000000	3176	789.948067
3177	0.000000	3177	1209.207764
3178	0.000000	3178	765.906554
3179	0.000000	3179	1743.097377
3180	0.000000	3180	1362.115351
3181	0.000000	3181	1752.714014
3182	0.000000	3182	2131.483088
3183	0.000000	3183	1611.987031
3184	0.000000	3184	1255.091670
3185	0.000000	3185	13076.879398
3186	0.000000	3186	18248.973532
3187	0.000000	3187	13989.951353
3188	0.000000	3188	15257.170490
3189	0.000000	3189	6686.193264
3190	0.000000	3190	6686.193264
3191	0.000000	3191	1910.572299
3192	0.000000	3192	11790.275954
3193	0.000000	3193	147.357697
3194	0.000000	3194	1643.380146
3195	0.000000	3195	1069.597217
3196	0.000000	3196	13085.319927
3197	0.000000	3197	18257.256565

Continua na próxima página

Coordenada x	Valor x	Coordenada z	Valor z
3198	0.000000	3198	762.359446
3199	0.000000	3199	13998.970916
3200	0.000000	3200	15265.212645
3201	0.000000	3201	6694.633794
3202	0.000000	3202	11799.434485
3203	0.000000	3203	1401.052749
3204	0.000000	3204	761.768261
3205	0.000000	3205	1685.457594
3206	0.000000	3206	1432.820274
3207	0.000000	3207	1419.832306
3208	0.000000	3208	1030.677976
3209	0.000000	3209	3321.528573
3210	0.000000	3210	1953.654922
3211	0.000000	3211	762.063854
3212	0.000000	3212	5486.207299
3213	0.000000	3213	20.569748
3214	0.000000	3214	992.407632
3215	0.000000	3215	3825.745016
3216	0.000000	3216	9233.965950
3217	0.000000	3217	920.903628
3218	0.000000	3218	855.500519
3219	-0.000000	3219	0.000000
3220	-0.000000	3220	0.000000
3221	-0.000000	3221	0.000000
3222	-0.000000	3222	0.000000
3223	-0.000000	3223	0.000000
3224	0.000000	3224	2168.071492
3225	-0.000000	3225	0.000000
3226	0.000000	3226	966.167842
3227	0.000000	3227	847.604032
3228	0.000000	3228	690.254526
3229	0.000000	3229	1004.619478
3230	0.000000	3230	842.804307
3231	0.000000	3231	843.642206
3232	-0.000000	3232	0.000000
3233	-0.000000	3233	0.000000
3234	-0.000000	3234	0.000000
3235	0.000000	3235	12.900426
3236	-0.000000	3236	0.000000
3237	0.000000	3237	153.466606
3238	0.000000	3238	153.171013
3239	0.000000	3239	153.466606
3240	0.000000	3240	153.368075
3241	0.000000	3241	36.414285
3242	0.000000	3242	9.121257
3243	0.000000	3243	153.466606
3244	0.000000	3244	153.466606
3245	0.000000	3245	11.335883
3246	0.000000	3246	36.120475

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Coordenada x	Valor x	Coordenada z	Valor z
3247	0.000000	3247	9.834441
3248	0.000000	3248	9.834441
3249	0.000000	3249	9.496617
3250	0.000000	3250	7.244455
3251	0.000000	3251	10.665795
3252	0.000000	3252	7.807496
3253	0.000000	3253	10.547012
3254	0.000000	3254	17166.505969
3255	0.000000	3255	59.130302
3256	0.000000	3256	1586.163078
3257	0.000000	3257	1526.899761
3258	0.000000	3258	1518.142628
3259	0.000000	3259	1859.447762
3260	0.000000	3260	5.630405
3261	0.000000	3261	5.630405
3262	250.817193	3262	0.000000
3263	0.000000	3263	0.000000
3264	0.000000	3264	139.038743
3265	0.000000	3265	1891.682046
3266	0.000000	3266	902.017329
3267	0.000000	3267	1913.118431
3268	0.000000	3268	2807.025676
3269	0.000000	3269	1167.308425
3270	0.000000	3270	1434.702363
3271	0.000000	3271	1298.434694
3272	0.000000	3272	1397.553363
3273	0.000000	3273	1788.035904
3274	0.000000	3274	1677.258056
3275	0.000000	3275	1446.759487
3276	0.000000	3276	1723.015598
3277	0.000000	3277	2109.336827
3278	0.000000	3278	1605.530833
3279	0.000000	3279	13065.430907
3280	0.000000	3280	18237.525041
3281	0.000000	3281	13978.502862
3282	0.000000	3282	15245.721999
3283	0.000000	3283	6674.744773
3284	0.000000	3284	1903.515524
3285	0.000000	3285	11778.827463
3286	0.000000	3286	135.909206
3287	0.000000	3287	1672.319981
3288	0.000000	3288	1424.449738
3289	0.000000	3289	1398.436765
3290	0.000000	3290	3303.736492
3291	0.000000	3291	1938.903259
3292	0.000000	3292	742.732795
3293	171.238087	3293	0.000000
3294	0.000000	3294	982.911015
3295	0.000000	3295	3809.604520

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Coordenada x	Valor x	Coordenada z	Valor z
3296	0.000000	3296	909.717889
3297	0.000000	3297	144.345349
3298	0.000000	3298	143.937148
3299	0.000000	3299	144.345349
3300	0.000000	3300	144.209282
3301	-0.000000	3301	0.000000
3302	0.000000	3302	144.345349
3303	0.000000	3303	144.345349
3304	0.543224	3304	0.000000
3305	0.000000	3305	24.784592
3306	6.733468	3306	0.000000
3307	15.810542	3307	0.000000
3308	8.857487	3308	0.000000
3309	-0.000000	3309	0.000000
3310	0.000000	3310	3.421340
3311	-0.000000	3311	0.000000
3312	0.000000	3312	2.739517
3313	0.000000	3313	17158.886154
3314	0.000000	3314	1590.918145
3315	0.000000	3315	1533.951179
3316	0.000000	3316	1524.544573
3317	0.000000	3317	1867.867712
3318	0.000000	3318	21.820832
3319	0.000000	3319	21.820832
3320	0.000000	3320	12.711108
3321	0.000000	3321	12.711108
3322	0.000000	3322	145.208733
3323	0.000000	3323	1890.707837
3324	0.000000	3324	901.043120
3325	0.000000	3325	1914.208617
3326	0.000000	3326	2806.051467
3327	0.000000	3327	1172.828943
3328	0.000000	3328	1441.614608
3329	0.000000	3329	1304.627880
3330	0.000000	3330	1403.468203
3331	0.000000	3331	1788.894135
3332	0.000000	3332	1676.886929
3333	0.000000	3333	1446.481142
3334	0.000000	3334	1723.317138
3335	0.000000	3335	2108.362618
3336	0.000000	3336	1614.252323
3337	0.000000	3337	13071.067402
3338	0.000000	3338	18243.161536
3339	0.000000	3339	13984.139357
3340	0.000000	3340	15251.358494
3341	0.000000	3341	6680.381268
3342	0.000000	3342	1911.865888
3343	0.000000	3343	11784.463958
3344	0.000000	3344	141.545701

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Coordenada x	Valor x	Coordenada z	Valor z
3345	0.000000	3345	1676.912681
3346	0.000000	3346	1431.988260
3347	0.000000	3347	1397.926466
3348	0.000000	3348	3305.452955
3349	0.000000	3349	1942.498555
3350	0.000000	3350	743.498245
3351	-0.000000	3351	0.000000
3352	0.000000	3352	989.753674
3353	0.000000	3353	3812.341584
3354	0.000000	3354	915.516752
3355	0.000000	3355	151.419962
3356	0.000000	3356	150.942175
3357	0.000000	3357	151.419962
3358	0.000000	3358	151.260700
3359	0.000000	3359	7.074613
3360	0.000000	3360	151.419962
3361	0.000000	3361	151.419962
3362	0.000000	3362	5.706081
3363	0.000000	3363	30.490673
3364	0.000000	3364	6.633900
3365	0.000000	3365	6.633900
3366	0.000000	3366	6.842659
3367	0.000000	3367	8.234386
3368	0.000000	3368	11.655726
3369	0.000000	3369	7.886454
3370	0.000000	3370	10.625971
3371	0.000000	3371	17166.888585
3372	-0.000000	3372	0.000000
3373	-0.000000	3373	0.000000
3374	-0.000000	3374	0.000000
3375	0.000000	3375	8364.479863
3376	0.000000	3376	29627.480902
3377	20.728332	3377	0.000000
3378	544.476114	3378	0.000000
3379	181.604193	3379	0.000000
3380	0.000000	3380	8364.479863
3381	0.000000	3381	6102.280175
3382	0.000000	3382	7606.227033
3383	-0.000000	3383	0.000000
3384	-0.000000	3384	0.000000
3385	4.630336	3385	0.000000
3386	-0.000000	3386	0.000000
3387	180.821743	3387	0.000000
3388	-0.000000	3388	0.000000
3389	55.619807	3389	0.000000
3390	-0.000000	3390	0.000000
3391	0.919287	3391	0.000000
3392	-0.000000	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	1100.627094
3396	-0.000000	3396	0.000000
3397	-0.000000	3397	0.000000
3398	-0.000000	3398	0.000000
3399	0.000000	3399	4396.524096
3400	0.000000	3400	1289.682685
3401	0.000000	3401	5102.935963
3402	0.000000	3402	2428.488806
3403	0.000000	3403	1950.800416
3404	0.000000	3404	1497.169704
3405	224.078811	3405	0.000000
3406	0.307513	3406	0.000000
3407	-0.000000	3407	0.000000
3408	-0.000000	3408	0.000000
3409	-0.000000	3409	0.000000
3410	-0.000000	3410	0.000000
3411	988.674466	3411	0.000000
3412	0.000000	3412	29287.505194
3413	29.767484	3413	0.000000
3414	41.947413	3414	0.000000
3415	0.000000	3415	18565.998753
3416	34.000000	3416	-3.700000
3417	650.000000	3417	-1.858000
3418	1803.000000	3418	-957.766640
3419	150.000000	3419	-1.088000
3420	-0.000000	3420	0.000000
3421	0.000000	3421	1411.256048
3422	395.000000	3422	-0.921000
3423	-0.000000	3423	0.000000
3424	535.000000	3424	-0.435000
3425	-0.000000	3425	0.000000
3426	1860.000000	3426	-293.154980
3427	576.000000	3427	-293.966899
3428	537.000000	3428	-288.636421
3429	702.000000	3429	-278.394895
3430	454.000000	3430	-246.794552
3431	103.000000	3431	-254.286683
3432	2329.000000	3432	-2942.140068
3433	-0.000000	3433	0.000000
3434	0.000000	3434	1286.407247
3435	23.000000	3435	-726.313774
3436	0.000000	3436	240.229177
3437	0.000000	3437	479.187840
3438	82.061000	3438	0.000000
3439	-0.000000	3439	0.000000
3440	0.000000	3440	275.062097
3441	4.000000	3441	-282.491505
3442	64.000000	3442	-1352.091692

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Coordenada x	Valor x	Coordenada z	Valor z
3443	4.000000	3443	193.154980
3444	4.000000	3444	192.864899
3445	4.000000	3445	2842.140068
3446	5.000000	3446	193.154980
3447	25.000000	3447	178.394895
3448	7.507569	3448	0.000000
3449	137.925985	3449	0.000000
3450	200.000000	3450	-632.062789
3451	2016372.340333	3451	0.000000
3452	180.303795	3452	0.000000
3453	0.000000	3453	4.590000
3454	16535.048438	3454	0.000000
3455	0.000000	3455	1412.393048
3456	52147.118039	3456	0.000000
3457	-0.000000	3457	0.000000
3458	0.000000	3458	2.792000
3459	76.161582	3459	0.000000
3460	1081.000000	3460	-2.000000
3461	220.620072	3461	0.000000
3462	13693.552160	3462	0.000000
3463	64.000000	3463	0.000000
3464	0.000000	3464	1.102000
3465	4.000000	3465	0.000000
3466	64.000000	3466	0.000000
3467	-0.000000	3467	0.000000
3468	-0.000000	3468	0.000000
3469	695231.449357	3469	0.000000
3470	4.721869	3470	0.000000
3471	-0.000000	3471	0.000000
3472	0.000000	3472	13893.111223
3473	0.000000	3473	19065.205357
3474	0.000000	3474	14806.183178
3475	0.000000	3475	16073.402315
3476	0.000000	3476	7502.425089
3477	0.000000	3477	12606.507779
3478	0.000000	3478	0.000000
3479	316.923359	3479	0.000000
3480	-0.000000	3480	0.000000
3481	33032.797285	3481	0.000000
3482	0.000000	3482	557.553602
3483	0.000000	3483	254.786683
3484	0.426509	3484	0.000000
3485	0.000000	3485	0.000000
3486	266.760489	3486	0.000000
3487	0.000000	3487	-0.000000
3488	0.000000	3488	0.000000
3489	0.000000	3489	1547.286577
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	55.282583	3492	0.000000
3493	13693.552160	3493	0.000000
3494	0.000000	3494	723.631046
3495	0.000000	3495	1285.977748
3496	0.000000	3496	1752.898235
3497	0.000000	3497	904.229414
3498	146.333185	3498	0.000000
3499	0.000000	3499	132.538500
3500	0.000000	3500	1596.737727
3501	0.000000	3501	5927.622582
3502	6.923401	3502	0.000000
3503	-0.000000	3503	0.000000
3504	-0.000000	3504	0.000000
3505	0.000000	3505	993.606084
3506	0.000000	3506	876.783876
3507	-0.000000	3507	0.000000
3508	14.468890	3508	0.000000
3509	-0.000000	3509	0.000000
3510	0.000000	3510	4719.709560
3511	0.000000	3511	8478.799252
3512	0.000000	3512	1406.992947
3513	0.000000	3513	907.732136
3514	0.000000	3514	1906.723290
3515	0.000000	3515	1679.435126
3516	0.000000	3516	1448.392289
3517	0.000000	3517	1721.246729
3518	0.000000	3518	1050.209838
3519	-0.000000	3519	0.000000
3520	0.000000	3520	3293.667547
3521	-0.000000	3521	0.000000
3522	0.000000	3522	3793.548635
3523	-0.000000	3523	0.000000
3524	0.000000	3524	1044.890599
3525	0.000000	3525	9996.451994
3526	0.000000	3526	0.000000
3527	153.632899	3527	0.000000
3528	101.520619	3528	0.000000
3529	-0.000000	3529	0.000000
3530	113.726164	3530	0.000000
3531	0.000000	3531	1143.431630
3532	14.313191	3532	0.000000
3533	843.588115	3533	0.000000
3534	90.000000	3534	0.000000
3535	0.000000	3535	0.005107
3536	0.000000	3536	11021.257274
3537	0.000000	3537	5853.882800
3538	17.107750	3538	0.000000
3539	23.499951	3539	0.000000
3540	-0.000000	3540	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
3541	12.933900	3541	0.000000
3542	-0.000000	3542	0.000000
3543	140.280581	3543	0.000000
3544	329.386284	3544	0.000000
3545	130.257160	3545	0.000000
3546	0.000000	3546	1436.248390
3547	0.000000	3547	1213.077147
3548	0.000000	3548	1367.976506
3549	0.000000	3549	1143.800570
3550	-0.000000	3550	0.000000
3551	-0.000000	3551	0.000000
3552	0.000000	3552	220.241258
3553	0.000000	3553	901.752551
3554	0.000000	3554	953.746287
3555	-0.000000	3555	0.000000
3556	153.214481	3556	0.000000
3557	0.000000	3557	1977.088533
3558	-0.000000	3558	0.000000
3559	0.000000	3559	35.863492
3560	0.000000	3560	10138.043242
3561	0.000000	3561	16538.565489
3562	0.000000	3562	19848.392255
3563	0.000000	3563	13371.186752
3564	0.000000	3564	18036.721342
3565	0.000000	3565	10146.789365
3566	0.000000	3566	11171.650321
3567	24.000000	3567	-264.223164
3568	-0.000000	3568	0.000000
3569	-0.000000	3569	0.000000
3570	-0.000000	3570	0.000000
3571	-0.000000	3571	0.000000
3572	-0.000000	3572	0.000000
3573	-0.000000	3573	0.000000
3574	45.517908	3574	0.000000
3575	-0.000000	3575	0.000000
3576	-0.000000	3576	0.000000
3577	0.000000	3577	62.848536
3578	-0.000000	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	501.379928	3583	0.000000
3584	-0.000000	3584	0.000000
3585	-0.000000	3585	0.000000
3586	-0.000000	3586	0.000000
3587	0.000000	3587	240.427826
3588	-0.000000	3588	0.000000
3589	-0.000000	3589	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
3590	68.418652	3590	0.000000
3591	-0.000000	3591	0.000000
3592	0.000000	3592	81.778749
3593	1387.683511	3593	0.000000
3594	0.000000	3594	171.583877
3595	0.000000	3595	474.515825
3596	695260.070640	3596	0.000000
3597	51.363251	3597	0.000000
3598	-0.000000	3598	0.000000
3599	327.682336	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	691.429313
3607	0.000000	3607	268.758770
3608	0.000000	3608	301.597556
3609	-0.000000	3609	0.000000
3610	0.000000	3610	89.391492
3611	13592.312732	3611	0.000000
3612	0.000000	3612	785.264476
3613	0.000000	3613	868.494246
3614	-0.000000	3614	0.000000
3615	-0.000000	3615	0.000000
3616	0.000000	3616	627.358755
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	-0.000000	3622	0.000000
3623	-0.000000	3623	0.000000
3624	0.426509	3624	0.000000
3625	266.760489	3625	0.000000
3626	-0.000000	3626	0.000000
3627	-0.000000	3627	0.000000
3628	52278.125892	3628	0.000000
3629	-0.000000	3629	0.000000
3630	-0.000000	3630	0.000000
3631	-0.000000	3631	0.000000
3632	-0.000000	3632	0.000000
3633	-0.000000	3633	0.000000
3634	-0.000000	3634	0.000000
3635	-0.000000	3635	0.000000
3636	0.000000	3636	1564.473957
3637	0.000000	3637	1516.269475
3638	0.000000	3638	1505.115613

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Coordenada x	Valor x	Coordenada z	Valor z
3639	0.000000	3639	1153.783815
3640	0.000000	3640	1421.596133
3641	0.000000	3641	1385.260510
3642	0.000000	3642	954.149287
3643	0.000000	3643	655.221592
3644	0.000000	3644	755.834069
3645	0.000000	3645	401.730307
3646	0.000000	3646	529.736888
3647	0.000000	3647	633.726232
3648	0.000000	3648	954.645351
3649	32.000000	3649	1503.427968
3650	0.000000	3650	473.945423
3651	39.000000	3651	1047.938139
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	-0.000000	3659	0.000000
3660	-0.000000	3660	0.000000
3661	-0.000000	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	-0.000000	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	155.763702	3673	0.000000
3674	-0.000000	3674	0.000000
3675	-0.000000	3675	0.000000
3676	0.000000	3676	877.012111
3677	21.392292	3677	0.000000
3678	-0.000000	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	604.696967	3683	0.000000
3684	-0.000000	3684	0.000000
3685	-0.000000	3685	0.000000
3686	0.000000	3686	136.112033
3687	0.000000	3687	136.989530

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Coordenada x	Valor x	Coordenada z	Valor z
3688	0.000000	3688	2770.827825
3689	-0.000000	3689	0.000000
3690	-0.000000	3690	0.000000
3691	0.000000	3691	490.479010
3692	0.000000	3692	552.664615
3693	18.000000	3693	-246.603329
3694	0.000000	3694	617.260868
3695	0.000000	3695	1704.669297
3696	0.000000	3696	1061.895960
3697	0.000000	3697	94.899676
3698	-0.000000	3698	0.000000
3699	0.000000	3699	495.674618
3700	-0.000000	3700	0.000000
3701	0.000000	3701	608.950397
3702	0.000000	3702	1697.819321
3703	0.000000	3703	1177.682459
3704	0.000000	3704	486.685563
3705	0.000000	3705	454.916460
3706	841.426036	3706	0.000000
3707	60.000000	3707	29.004789
3708	-0.000000	3708	0.000000
3709	0.000000	3709	52.214674
3710	0.000000	3710	254.537061
3711	0.000000	3711	262.195192
3712	111.192133	3712	0.000000
3713	-0.000000	3713	0.000000
3714	23.000000	3714	0.000000
3715	0.000000	3715	479.472008
3716	0.000000	3716	817.164373
3717	33.000000	3717	-644.772048
3718	0.000000	3718	4570.251346
3719	0.000000	3719	3575.125671
3720	0.000000	3720	3572.467401
3721	0.000000	3721	4205.542180
3722	0.000000	3722	4306.141328
3723	0.000000	3723	4925.164225
3724	0.000000	3724	3965.815704
3725	0.000000	3725	5337.045011
3726	0.000000	3726	5602.018927
3727	0.000000	3727	4643.763776
3728	0.000000	3728	4640.793026
3729	0.000000	3729	5308.268482
3730	0.000000	3730	5318.409653
3731	0.000000	3731	452.194236
3732	50.000000	3732	-246.603329
3733	-0.000000	3733	0.000000
3734	0.000000	3734	1666.055834
3735	0.000000	3735	706.753211
3736	2102.794854	3736	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
3737	0.000000	3737	10.808473
3738	0.000000	3738	354.354334
3739	0.000000	3739	308.891178
3740	-0.000000	3740	0.000000
3741	0.000000	3741	229.409899
3742	0.000000	3742	141.909469
3743	0.000000	3743	261.804684
3744	13524.527042	3744	0.000000
3745	545.660968	3745	0.000000
3746	13763.366914	3746	0.000000
3747	20425.850336	3747	0.000000
3748	106.904000	3748	0.000000
3749	0.000000	3749	2629.300810
3750	0.000000	3750	4783.753283
3751	0.000000	3751	4772.104431
3752	0.000000	3752	181.409877
3753	0.000000	3753	203.167966
3754	0.000000	3754	604.571790
3755	0.000000	3755	706.907721
3756	0.000000	3756	703.440781
3757	0.000000	3757	711.186912
3758	-0.000000	3758	0.000000
3759	22.000000	3759	-146.603329
3760	0.000000	3760	793.780604
3761	0.000000	3761	1867.156081
3762	0.000000	3762	0.419318
3763	0.000000	3763	0.419318
3764	5244.830577	3764	0.000000
3765	935.776215	3765	0.000000
3766	10228.164105	3766	0.000000
3767	0.000000	3767	0.000000
3768	564.451492	3768	0.000000
3769	475.327572	3769	0.000000
3770	0.000000	3770	1316.695360
3771	0.000000	3771	501.411735
3772	0.000000	3772	2506.178209
3773	0.000000	3773	60.509845
3774	0.000000	3774	170.114251
3775	0.000000	3775	16.140112
3776	0.000000	3776	0.038821
3777	2193.027020	3777	0.000000
3778	1350.997975	3778	0.000000
3779	0.000000	3779	2.391091
3780	8031.653299	3780	0.000000
3781	0.000000	3781	2.140589
3782	0.000000	3782	502.763113
3783	0.000000	3783	0.061910
3784	0.000000	3784	76.669829
3785	0.000000	3785	1280.917132

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Coordenada x	Valor x	Coordenada z	Valor z
3786	0.000000	3786	172.845460
3787	0.000000	3787	0.036130
3788	0.000000	3788	12.447660
3789	0.000000	3789	326.410847
3790	0.000000	3790	64.631894
3791	0.000000	3791	425.112646
3792	0.000000	3792	173.998815
3793	0.000000	3793	0.145703
3794	0.000000	3794	23.805178
3795	0.000000	3795	531.177250
3796	0.000000	3796	2433.523696
3797	0.000000	3797	9229.377840
3798	0.000000	3798	17.604083
3799	0.000000	3799	4078.130388
3800	0.000000	3800	6784.443268
3801	0.000000	3801	0.111040
3802	0.000000	3802	1869.443584
3803	0.000000	3803	30.576006
3804	0.000000	3804	0.067257
3805	0.000000	3805	432.936615
3806	0.000000	3806	3551.810350
3807	0.000000	3807	678.196441
3808	0.000000	3808	14.768744
3809	0.000000	3809	1140.298080
3810	0.000000	3810	12.343310
3811	0.000000	3811	7796.728049
3812	2318.888620	3812	0.000000
3813	0.000000	3813	4.480909
3814	0.000000	3814	71.861260
3815	0.000000	3815	0.077750
3816	0.000000	3816	0.101207
3817	0.000000	3817	0.113092
3818	0.000000	3818	0.082356
3819	0.000000	3819	0.097187
3820	0.000000	3820	15.316112
3821	0.000000	3821	0.095014
3822	0.000000	3822	0.046870
3823	0.000000	3823	0.072969
3824	0.000000	3824	0.068947
3825	0.000000	3825	0.055692
3826	0.000000	3826	0.057802
3827	0.000000	3827	0.053458
3828	0.000000	3828	47.197571
3829	0.000000	3829	0.302635
3830	0.000000	3830	0.243783
3831	0.000000	3831	0.298876
3832	0.000000	3832	0.274436
3833	0.000000	3833	0.303763
3834	0.000000	3834	0.287221

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Coordenada x	Valor x	Coordenada z	Valor z
3835	0.000000	3835	137.102305
3836	0.000000	3836	122.401388
3837	0.000000	3837	0.146210
3838	0.000000	3838	182.291507
3839	0.000000	3839	179.315853
3840	0.000000	3840	74.752040
3841	-0.000000	3841	0.000000
3842	0.000000	3842	1316.608446
3843	0.000000	3843	501.473408
3844	0.000000	3844	455.026767
3845	0.000000	3845	227.820429
3846	0.000000	3846	317.741446
3847	0.000000	3847	2506.186760
3848	0.000000	3848	60.360325
3849	0.000000	3849	170.093043
3850	0.000000	3850	434.562566
3851	0.000000	3851	16.004662
3852	763.859478	3852	0.000000
3853	13817.269916	3853	0.000000
3854	0.000000	3854	0.087712
3855	0.000000	3855	2.445416
3856	0.000000	3856	0.016063
3857	0.000000	3857	2.127133
3858	0.000000	3858	502.734524
3859	129.497719	3859	0.000000
3860	0.000000	3860	76.535674
3861	0.000000	3861	1052.555043
3862	0.000000	3862	393.330381
3863	0.000000	3863	2207.437379
3864	0.000000	3864	1280.825385
3865	0.000000	3865	156.454165
3866	0.000000	3866	322.223762
3867	0.000000	3867	2.967975
3868	0.000000	3868	172.710594
3869	0.000000	3869	200.667816
3870	0.000000	3870	682.534319
3871	140.747778	3871	0.000000
3872	0.000000	3872	1108.862923
3873	0.000000	3873	455.240682
3874	0.000000	3874	12.413259
3875	0.000000	3875	326.367020
3876	0.000000	3876	838.913765
3877	0.000000	3877	64.549281
3878	0.000000	3878	424.923462
3879	0.000000	3879	1634.967935
3880	0.000000	3880	204.852311
3881	0.000000	3881	173.872659
3882	0.000000	3882	2442.356310
3883	0.000000	3883	9235.899314

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Coordenada x	Valor x	Coordenada z	Valor z
3884	0.000000	3884	4090.251076
3885	0.000000	3885	6792.999387
3886	0.000000	3886	8.943654
3887	-0.000000	3887	0.000000
3888	0.000000	3888	1882.241919
3889	0.000000	3889	438.467006
3890	0.000000	3890	23.665257
3891	0.000000	3891	530.909428
3892	0.000000	3892	2433.412656
3893	0.000000	3893	9229.228976
3894	0.000000	3894	17.418581
3895	0.000000	3895	4077.991490
3896	0.000000	3896	6784.315334
3897	906.075074	3897	0.000000
3898	0.000000	3898	1869.312295
3899	0.000000	3899	30.456530
3900	179.423200	3900	0.000000
3901	0.000000	3901	432.832438
3902	0.000000	3902	2.674074
3903	0.000000	3903	3551.622616
3904	0.000000	3904	678.009473
3905	0.000000	3905	515.595745
3906	0.000000	3906	1085.406479
3907	0.000000	3907	1027.082351
3908	0.000000	3908	14.571425
3909	0.000000	3909	1140.178820
3910	3877.950258	3910	0.000000
3911	0.000000	3911	1.292330
3912	0.000000	3912	1907.290968
3913	0.000000	3913	12.047357
3914	0.000000	3914	7796.535565
3915	1429.858720	3915	0.000000
3916	0.000000	3916	4.359473
3917	0.000000	3917	71.850344
3918	-0.000000	3918	0.000000
3919	-0.000000	3919	0.000000
3920	-0.000000	3920	0.000000
3921	-0.000000	3921	0.000000
3922	-0.000000	3922	0.000000
3923	0.000000	3923	15.127783
3924	-0.000000	3924	0.000000
3925	-0.000000	3925	0.000000
3926	-0.000000	3926	0.000000
3927	-0.000000	3927	0.000000
3928	-0.000000	3928	0.000000
3929	-0.000000	3929	0.000000
3930	-0.000000	3930	0.000000
3931	0.000000	3931	46.952673
3932	-0.000000	3932	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
3933	-0.000000	3933	0.000000
3934	-0.000000	3934	0.000000
3935	-0.000000	3935	0.000000
3936	-0.000000	3936	0.000000
3937	0.000000	3937	16.835709
3938	0.000000	3938	6.435680
3939	0.000000	3939	12.786113
3940	0.000000	3940	4.675901
3941	-0.000000	3941	0.000000
3942	-0.000000	3942	0.000000
3943	0.000000	3943	17.840008
3944	0.000000	3944	3691.059525
3945	0.000000	3945	124.212783
3946	0.000000	3946	136.850114
3947	0.000000	3947	4.731395
3948	0.000000	3948	122.201267
3949	66.168192	3949	0.000000
3950	0.000000	3950	6.634165
3951	0.000000	3951	181.907431
3952	0.000000	3952	6.256552
3953	0.000000	3953	178.965964
3954	0.000000	3954	74.449883
3955	0.000000	3955	0.059721
3956	0.000000	3956	449.512775
3957	0.000000	3957	225.007425
3958	0.000000	3958	312.880298
3959	0.000000	3959	434.015096
3960	0.000000	3960	17.793571
3961	0.000000	3961	0.522009
3962	75.075909	3962	0.000000
3963	0.000000	3963	1.668989
3964	0.000000	3964	1.233971
3965	0.000000	3965	77.532541
3966	0.000000	3966	1043.900931
3967	0.000000	3967	392.732111
3968	0.000000	3968	2205.927209
3969	0.000000	3969	155.975721
3970	0.000000	3970	321.395741
3971	0.000000	3971	1.421954
3972	0.000000	3972	173.561561
3973	0.000000	3973	195.423840
3974	0.000000	3974	678.445261
3975	0.000000	3975	1107.305781
3976	0.000000	3976	456.529660
3977	0.000000	3977	831.856564
3978	0.000000	3978	1635.231934
3979	0.000000	3979	205.215938
3980	0.000000	3980	2436.807009
3981	0.000000	3981	9232.824429

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Coordenada x	Valor x	Coordenada z	Valor z
3982	0.000000	3982	4080.677348
3983	0.000000	3983	6788.190354
3984	0.000000	3984	3.394354
3985	0.000000	3985	1871.849873
3986	0.000000	3986	436.973388
3987	0.000000	3987	0.027595
3988	0.000000	3988	678.227198
3989	0.000000	3989	508.251035
3990	0.000000	3990	1085.360072
3991	0.000000	3991	1025.842874
3992	0.000000	3992	20.249013
3993	121.927791	3993	0.000000
3994	0.000000	3994	1.277523
3995	0.000000	3995	1906.872142
3996	0.000000	3996	8.904839
3997	0.000000	3997	49.583199
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	4.514636
4003	-0.000000	4003	0.000000
4004	0.000000	4004	3696.352386
4005	0.000000	4005	119.598911
4006	0.000000	4006	142.651933
4007	-0.000000	4007	0.000000
4008	0.000000	4008	127.503123
4009	0.000000	4009	5.141469
4010	-0.000000	4010	0.000000
4011	0.000000	4011	186.657612
4012	-0.000000	4012	0.000000
4013	0.000000	4013	183.842661
4014	0.000000	4014	79.217293
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	3.792829
4020	549.092692	4020	0.000000
4021	662.424942	4021	0.000000
4022	0.000000	4022	6.281615
4023	0.000000	4023	11.885472
4024	0.000000	4024	11.314095
4025	0.000000	4025	11.692704
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	15.566133
4032	415.497326	4032	0.000000
4033	-0.000000	4033	0.000000
4034	-0.000000	4034	0.000000
4035	-0.000000	4035	0.000000
4036	-0.000000	4036	0.000000
4037	-0.000000	4037	0.000000
4038	0.000000	4038	16.862160
4039	-0.000000	4039	0.000000
4040	-0.000000	4040	0.000000
4041	-0.000000	4041	0.000000
4042	0.000000	4042	3.646029
4043	297.860190	4043	0.000000
4044	0.000000	4044	4.161294
4045	0.000000	4045	0.583884
4046	0.000000	4046	3.512195
4047	0.000000	4047	0.449060
4048	0.000000	4048	3.239334
4049	0.000000	4049	0.250722
4050	-0.000000	4050	0.000000
4051	575.319182	4051	0.000000
4052	116.284627	4052	0.000000
4053	1062.920027	4053	0.000000
4054	-0.000000	4054	0.000000
4055	0.000000	4055	6.463464
4056	0.000000	4056	5.286102
4057	-0.000000	4057	0.000000
4058	0.000000	4058	9.563895
4059	0.000000	4059	11.477060
4060	0.000000	4060	18.156935
4061	-0.000000	4061	0.000000
4062	1241.626669	4062	0.000000
4063	11938.000000	4063	-330.049628
4064	485.000000	4064	-0.935000
4065	0.000000	4065	1.172283
4066	741.000000	4066	-2.243856
4067	2595.000000	4067	-0.801000
4068	-0.000000	4068	0.000000
4069	2595.000000	4069	-0.371000
4070	76.000000	4070	-101.374712
4071	825280.819103	4071	0.000000
4072	2764.000000	4072	-95.990658
4073	459.000000	4073	-95.925080
4074	118.000000	4074	-95.737085
4075	885.000000	4075	-96.903020
4076	293.000000	4076	-100.874712
4077	3566.000000	4077	-110.259953
4078	1385.000000	4078	-100.000000
4079	244.000000	4079	-109.164379

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Coordenada x	Valor x	Coordenada z	Valor z
4080	33.000000	4080	-102.574991
4081	301.000000	4081	-106.467233
4082	1.000000	4082	-110.019009
4083	-0.000000	4083	0.000000
4084	103.000000	4084	-96.477830
4085	50.000000	4085	-100.000000
4086	26.000000	4086	-100.000000
4087	88.000000	4087	-103.369107
4088	86.000000	4088	0.874712
4089	63.000000	4089	0.000000
4090	7.000000	4090	9.164379
4091	0.000000	4091	3.213000
4092	0.000000	4092	1.524000
4093	57592.173623	4093	0.000000
4094	5037.471354	4094	0.000000
4095	17415.208318	4095	0.000000
4096	0.000000	4096	5.224283
4097	11694.986329	4097	0.000000
4098	0.000000	4098	-1.254856
4099	34754.879577	4099	0.000000
4100	2867.519620	4100	0.000000
4101	0.000000	4101	2.385000
4102	15323.509339	4102	0.000000
4103	0.000000	4103	2.507777
4104	0.000000	4104	4.507777
4105	-0.000000	4105	0.000000
4106	0.000000	4106	0.950000
4107	11436.687931	4107	0.000000
4108	26.000000	4108	0.000000
4109	88.000000	4109	0.000000
4110	-0.000000	4110	0.000000
4111	-0.000000	4111	0.000000
4112	0.000000	4112	1.261500
4113	1350.997975	4113	0.000000
4114	75.075909	4114	0.000000
4115	0.000000	4115	2443.974407
4116	0.000000	4116	9239.991826
4117	0.000000	4117	4087.844746
4118	0.000000	4118	6795.357751
4119	0.000000	4119	10.561751
4120	0.000000	4120	1879.017270
4121	0.000000	4121	444.140785
4122	0.000000	4122	7.083826
4123	0.000000	4123	1.000500
4124	8031.653299	4124	0.000000
4125	-0.000000	4125	0.000000
4126	0.000000	4126	3.563354
4127	4556.468958	4127	0.000000
4128	124.292300	4128	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
4129	0.000000	4129	3.501870
4130	0.000000	4130	3.501870
4131	0.000000	4131	3.092329
4132	0.000000	4132	3.092329
4133	0.000000	4133	0.000000
4134	0.000000	4134	1.638165
4135	0.000000	4135	0.000000
4136	0.000000	4136	0.000000
4137	2973.967743	4137	0.000000
4138	0.000000	4138	13.140023
4139	-0.000000	4139	0.000000
4140	-0.000000	4140	0.000000
4141	5521.662477	4141	0.000000
4142	2102.796144	4142	0.000000
4143	0.000000	4143	0.000000
4144	1385.000000	4144	0.000000
4145	0.000000	4145	1304.461968
4146	0.000000	4146	2494.488260
4147	0.000000	4147	47.550308
4148	-0.000000	4148	0.000000
4149	0.000000	4149	411.295058
4150	0.000000	4150	10.294098
4151	0.000000	4151	2.551850
4152	0.000000	4152	17.773160
4153	0.000000	4153	3538.717945
4154	-0.000000	4154	0.000000
4155	0.000000	4155	1127.005056
4156	0.000000	4156	7783.301591
4157	-0.000000	4157	0.000000
4158	0.000000	4158	392.340808
4159	0.000000	4159	1107.201036
4160	0.000000	4160	456.469001
4161	0.000000	4161	832.071442
4162	0.000000	4162	534.421906
4163	3608.519620	4163	0.000000
4164	-0.000000	4164	0.000000
4165	0.000000	4165	1086.247259
4166	0.000000	4166	0.071598
4167	0.000000	4167	1908.244274
4168	0.000000	4168	49.467433
4169	237.000000	4169	0.000000
4170	33.000000	4170	0.000000
4171	0.000000	4171	0.490137
4172	696.594604	4172	0.000000
4173	0.000000	4173	0.739487
4174	1.000000	4174	0.000000
4175	0.000000	4175	0.000000
4176	233215354.485056	4176	0.000000
4177	258.000000	4177	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
4178	401.559810	4178	0.000000
4179	879.510117	4179	0.000000
4180	176.000000	4180	0.000000
4181	329906998.252578	4181	0.000000
4182	24.910378	4182	0.000000
4183	36.003281	4183	0.000000
4184	-0.000000	4184	0.000000
4185	-0.000000	4185	0.000000
4186	-0.000000	4186	0.000000
4187	-0.000000	4187	0.000000
4188	-0.000000	4188	0.000000
4189	-0.000000	4189	0.000000
4190	0.000000	4190	5.154263
4191	-0.000000	4191	0.000000
4192	973.061653	4192	0.000000
4193	0.000000	4193	9.635739
4194	-0.000000	4194	0.000000
4195	0.000000	4195	9.685355
4196	-0.000000	4196	0.000000
4197	-0.000000	4197	0.000000
4198	0.000000	4198	0.805346
4199	-0.000000	4199	0.000000
4200	0.000000	4200	6.419386
4201	-0.000000	4201	0.000000
4202	0.000000	4202	1.507303
4203	-0.000000	4203	0.000000
4204	-0.000000	4204	0.000000
4205	-0.000000	4205	0.000000
4206	0.000000	4206	0.521224
4207	0.000000	4207	8.524210
4208	0.000000	4208	2441.201627
4209	0.000000	4209	9234.822573
4210	0.000000	4210	4079.378555
4211	0.000000	4211	6791.588039
4212	0.000000	4212	7.750223
4213	0.000000	4213	1870.636075
4214	-0.000000	4214	0.000000
4215	824066.199032	4215	0.000000
4216	1214.620072	4216	0.000000
4217	0.000000	4217	1.469213
4218	-0.000000	4218	0.000000
4219	-0.000000	4219	0.000000
4220	-0.000000	4220	0.000000
4221	-0.000000	4221	0.000000
4222	-0.000000	4222	0.000000
4223	-0.000000	4223	0.000000
4224	-0.000000	4224	0.000000
4225	380.914150	4225	0.000000
4226	-0.000000	4226	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
4227	301.311645	4227	0.000000
4228	-0.000000	4228	0.000000
4229	-0.000000	4229	0.000000
4230	25177.861418	4230	0.000000
4231	-0.000000	4231	0.000000
4232	-0.000000	4232	0.000000
4233	-0.000000	4233	0.000000
4234	-0.000000	4234	0.000000
4235	-0.000000	4235	0.000000
4236	-0.000000	4236	0.000000
4237	-0.000000	4237	0.000000
4238	0.000000	4238	164.468955
4239	0.000000	4239	100.639884
4240	440.000000	4240	0.000000
4241	-0.000000	4241	0.000000
4242	-0.000000	4242	0.000000
4243	32414.312204	4243	0.000000
4244	-0.000000	4244	0.000000
4245	-0.000000	4245	0.000000
4246	-0.000000	4246	0.000000
4247	10815.774205	4247	0.000000
4248	0.000000	4248	378.924046
4249	715.872009	4249	0.000000
4250	1287.583708	4250	0.000000
4251	759.832367	4251	0.000000
4252	15927.474071	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	906.075074	4257	0.000000
4258	-0.000000	4258	0.000000
4259	-0.000000	4259	0.000000
4260	-0.000000	4260	0.000000
4261	-0.000000	4261	0.000000
4262	0.000000	4262	8.568581
4263	0.000000	4263	11.930954
4264	-0.000000	4264	0.000000
4265	0.000000	4265	10.150392
4266	9613.634467	4266	0.000000
4267	0.000000	4267	529.860230
4268	0.000000	4268	330.700149
4269	741.000000	4269	0.000000
4270	0.000000	4270	0.194428
4271	0.000000	4271	258.403737
4272	0.000000	4272	58.881509
4273	-0.000000	4273	0.000000
4274	-0.000000	4274	0.000000
4275	-0.000000	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	395.564661	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	36975.517182	4284	0.000000
4285	-0.000000	4285	0.000000
4286	-0.000000	4286	0.000000
4287	-0.000000	4287	0.000000
4288	-0.000000	4288	0.000000
4289	2867.519620	4289	0.000000
4290	-0.000000	4290	0.000000
4291	-0.000000	4291	0.000000
4292	-0.000000	4292	0.000000
4293	-0.000000	4293	0.000000
4294	0.000000	4294	446.908341
4295	0.000000	4295	222.189557
4296	0.000000	4296	310.600380
4297	0.000000	4297	152.231530
4298	0.000000	4298	318.191570
4299	0.000000	4299	193.013671
4300	0.000000	4300	445.846904
4301	0.000000	4301	221.305638
4302	0.000000	4302	309.404970
4303	0.000000	4303	151.625204
4304	0.000000	4304	317.520870
4305	0.000000	4305	191.763420
4306	0.000000	4306	383.078936
4307	0.000000	4307	946.143065
4308	0.000000	4308	155.437559
4309	0.000000	4309	612.779781
4310	0.000000	4310	3.305798
4311	0.000000	4311	2.335374
4312	0.000000	4312	2.543978
4313	0.000000	4313	3.179806
4314	0.000000	4314	2.440700
4315	0.000000	4315	2.516519
4316	-0.000000	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	-0.000000	4324	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
4325	-0.000000	4325	0.000000
4326	-0.000000	4326	0.000000
4327	-0.000000	4327	0.000000
4328	11402.046322	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	-0.000000	4337	0.000000
4338	-0.000000	4338	0.000000
4339	-0.000000	4339	0.000000
4340	-0.000000	4340	0.000000
4341	14124.860686	4341	0.000000
4342	0.000000	4342	14.512374
4343	-0.000000	4343	0.000000
4344	-0.000000	4344	0.000000
4345	0.000000	4345	75.925741
4346	113.000000	4346	0.000000
4347	0.000000	4347	2779.816059
4348	0.000000	4348	2684.546888
4349	0.000000	4349	3189.854470
4350	0.000000	4350	246.603329
4351	0.000000	4351	2557.555736
4352	0.000000	4352	2603.105926
4353	0.000000	4353	2319.630523
4354	0.000000	4354	2308.237896
4355	0.000000	4355	2271.582144
4356	0.000000	4356	2725.029245
4357	0.000000	4357	2726.950239
4358	0.000000	4358	2787.647383
4359	0.000000	4359	3024.536810
4360	0.000000	4360	90.022953
4361	0.000000	4361	1988.441702
4362	0.000000	4362	1419.624493
4363	0.000000	4363	1998.656301
4364	0.000000	4364	6246.124101
4365	0.000000	4365	4961.429863
4366	0.000000	4366	5901.372588
4367	0.000000	4367	6230.451157
4368	0.000000	4368	7313.623210
4369	0.000000	4369	488.197375
4370	0.000000	4370	0.000000
4371	0.000000	4371	1934.709387
4372	0.000000	4372	2560.076978
4373	0.000000	4373	2478.384550

Continua na próxima página

Coordenada x	Valor x	Coordenada z	Valor z
4374	0.000000	4374	2675.593415
4375	0.000000	4375	2686.031393
4376	0.000000	4376	3034.243735
4377	0.000000	4377	2999.310543
4378	0.000000	4378	21.620616
4379	0.000000	4379	476.013227
4380	0.000000	4380	1039.918598
4381	0.000000	4381	1396.182773
4382	0.000000	4382	16.535502
4383	-0.000000	4383	0.000000
4384	0.000000	4384	2896.179657
4385	0.000000	4385	3321.259564
4386	0.000000	4386	3432.370464
4387	0.000000	4387	3464.436061
4388	0.000000	4388	79.764488
4389	0.000000	4389	100.000000
4390	0.000000	4390	2771.964841
4391	0.000000	4391	2797.635099
4392	69.354515	4392	0.000000
4393	19.624006	4393	0.000000
4394	227.320871	4394	0.000000
4395	0.000000	4395	0.000000
4396	109.212166	4396	0.000000
4397	0.000000	4397	309.173240
4398	223.961316	4398	0.000000
4399	102.648937	4399	0.000000
4400	0.000000	4400	8.305876
4401	52.992256	4401	0.000000
4402	0.000000	4402	2.257400
4403	320.310482	4403	0.000000
4404	0.000000	4404	11.829415
4405	0.000000	4405	0.682372
4406	0.000000	4406	11.167820
4407	3.352272	4407	0.000000
4408	0.000000	4408	8638.158218
4409	0.000000	4409	3376.347512
4410	0.000000	4410	136.574844
4411	0.000000	4411	994.019742
4412	0.000000	4412	303.252239
4413	0.000000	4413	1806.386551
4414	0.000000	4414	3630.213266
4415	70.831393	4415	0.000000
4416	0.000000	4416	14859.335320
4417	0.000000	4417	1148.286706
4418	37.206030	4418	0.000000
4419	-0.000000	4419	0.000000
4420	-0.000000	4420	0.000000
4421	-0.000000	4421	0.000000
4422	-0.000000	4422	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
4423	-0.000000	4423	0.000000
4424	-0.000000	4424	0.000000
4425	-0.000000	4425	0.000000
4426	-0.000000	4426	0.000000
4427	-0.000000	4427	0.000000
4428	-0.000000	4428	0.000000
4429	-0.000000	4429	0.000000
4430	-0.000000	4430	0.000000
4431	-0.000000	4431	0.000000
4432	-0.000000	4432	0.000000
4433	0.000000	4433	3.314810
4434	0.000000	4434	0.489083
4435	0.000000	4435	0.442140
4436	0.000000	4436	0.503166
4437	0.000000	4437	0.296617
4438	8.880829	4438	0.000000
4439	3.979660	4439	0.000000
4440	0.000000	4440	3649.511531
4441	0.000000	4441	120.100046
4442	0.000000	4442	106.055140
4443	0.000000	4443	4061.668022
4444	-0.000000	4444	0.000000
4445	0.000000	4445	438.334514
4446	0.000000	4446	192.630387
4447	0.000000	4447	292.329563
4448	0.000000	4448	362.422714
4449	0.000000	4449	8.388429
4450	0.000000	4450	0.478824
4451	0.000000	4451	2.681399
4452	31.728806	4452	0.000000
4453	0.000000	4453	11.412521
4454	0.000000	4454	0.803055
4455	0.000000	4455	10.919908
4456	13.779349	4456	0.000000
4457	0.000000	4457	980.467220
4458	0.000000	4458	219.488942
4459	0.000000	4459	126.090114
4460	0.000000	4460	269.634643
4461	0.000000	4461	8639.226679
4462	0.000000	4462	160.679960
4463	0.000000	4463	533.276593
4464	0.000000	4464	760.971669
4465	0.000000	4465	728.975889
4466	0.000000	4466	3377.082968
4467	0.000000	4467	130.944798
4468	0.000000	4468	136.756229
4469	0.000000	4469	1847.828789
4470	0.000000	4470	3685.663630
4471	0.000000	4471	41.442238

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Coordenada x	Valor x	Coordenada z	Valor z
4472	-0.000000	4472	0.000000
4473	0.000000	4473	1206.640407
4474	0.000000	4474	27.344596
4475	0.000000	4475	994.472434
4476	0.000000	4476	303.502568
4477	0.000000	4477	1806.798443
4478	0.000000	4478	3630.453098
4479	0.000000	4479	0.411892
4480	0.000000	4480	14860.383887
4481	0.000000	4481	1148.547928
4482	0.000000	4482	0.497588
4483	0.000000	4483	356.706613
4484	0.000000	4484	11.072772
4485	0.000000	4485	1230.439947
4486	0.000000	4486	0.407510
4487	0.000000	4487	0.594586
4488	0.000000	4488	0.540044
4489	0.000000	4489	0.489950
4490	0.000000	4490	0.308247
4491	0.000000	4491	0.711689
4492	0.000000	4492	0.416459
4493	0.000000	4493	0.545778
4494	0.000000	4494	0.678306
4495	0.000000	4495	0.745895
4496	0.000000	4496	0.559697
4497	0.000000	4497	0.509905
4498	0.000000	4498	0.726206
4499	0.000000	4499	0.613400
4500	0.000000	4500	3.582474
4501	-0.000000	4501	0.000000
4502	-0.000000	4502	0.000000
4503	-0.000000	4503	0.000000
4504	0.000000	4504	73.646794
4505	0.000000	4505	56.863861
4506	-0.000000	4506	0.000000
4507	0.000000	4507	179.789917
4508	0.000000	4508	77.808961
4509	0.000000	4509	197.811089
4510	0.000000	4510	23.384962
4511	1.341227	4511	0.000000
4512	0.000000	4512	24.583393
4513	0.000000	4513	0.090852
4514	0.000000	4514	3649.797151
4515	0.000000	4515	31.037780
4516	0.000000	4516	119.216528
4517	0.000000	4517	29.571900
4518	0.000000	4518	105.359467
4519	0.000000	4519	4061.154013
4520	0.000000	4520	0.751976

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Coordenada x	Valor x	Coordenada z	Valor z
4521	0.000000	4521	410.948323
4522	0.000000	4522	177.091955
4523	0.000000	4523	268.117959
4524	0.000000	4524	356.663156
4525	0.000000	4525	11.631292
4526	0.000000	4526	0.522009
4527	0.211485	4527	0.000000
4528	0.000000	4528	5.384689
4529	0.000000	4529	4.949672
4530	71.116428	4530	0.000000
4531	0.000000	4531	938.435766
4532	0.000000	4532	210.843698
4533	0.000000	4533	119.790959
4534	0.000000	4534	262.283041
4535	0.000000	4535	134.743073
4536	0.000000	4536	510.686132
4537	0.000000	4537	748.524262
4538	0.000000	4538	693.925883
4539	0.000000	4539	129.047017
4540	0.000000	4540	1820.547267
4541	0.000000	4541	3641.703482
4542	0.000000	4542	14.160717
4543	0.000000	4543	19.152531
4544	0.000000	4544	1159.288863
4545	0.000000	4545	16.871234
4546	0.000000	4546	320.233879
4547	0.000000	4547	5.480859
4548	0.000000	4548	1223.595233
4549	0.000000	4549	8.483618
4550	-0.000000	4550	0.000000
4551	-0.000000	4551	0.000000
4552	0.000000	4552	194.626381
4553	-0.000000	4553	0.000000
4554	0.000000	4554	215.872787
4555	4.568086	4555	0.000000
4556	0.000000	4556	19.781285
4557	0.000000	4557	0.975587
4558	0.000000	4558	18.064329
4559	0.000000	4559	3667.165377
4560	-0.000000	4560	0.000000
4561	0.000000	4561	135.359436
4562	-0.000000	4562	0.000000
4563	0.000000	4563	121.927623
4564	0.000000	4564	4077.302275
4565	-0.000000	4565	0.000000
4566	0.000000	4566	30.127405
4567	0.000000	4567	38.546740
4568	-0.000000	4568	0.000000
4569	0.000000	4569	163.311394

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Coordenada x	Valor x	Coordenada z	Valor z
4570	14.378882	4570	0.000000
4571	26.361158	4571	0.000000
4572	53.129354	4572	0.000000
4573	0.000000	4573	42.483054
4574	0.000000	4574	30.127405
4575	0.000000	4575	38.343849
4576	-0.000000	4576	0.000000
4577	-0.000000	4577	0.000000
4578	126.068359	4578	0.000000
4579	-0.000000	4579	0.000000
4580	31.920188	4580	0.000000
4581	-0.000000	4581	0.000000
4582	-0.000000	4582	0.000000
4583	-0.000000	4583	0.000000
4584	0.652584	4584	0.000000
4585	-0.000000	4585	0.000000
4586	-0.000000	4586	0.000000
4587	-0.000000	4587	0.000000
4588	0.000000	4588	9.716377
4589	-0.000000	4589	0.000000
4590	-0.000000	4590	0.000000
4591	-0.000000	4591	0.000000
4592	0.000000	4592	14.589609
4593	24.566299	4593	0.000000
4594	0.000000	4594	28.363452
4595	0.000000	4595	56.808954
4596	89.754741	4596	0.000000
4597	37.037640	4597	0.000000
4598	-0.000000	4598	0.000000
4599	0.000000	4599	45.624277
4600	13.550543	4600	0.000000
4601	62.121804	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	165.454148
4606	0.000000	4606	154.814689
4607	547.022172	4607	0.000000
4608	20.769797	4608	0.000000
4609	27.184244	4609	0.000000
4610	0.000000	4610	109.457020
4611	60.865783	4611	0.000000
4612	680.000000	4612	-1.524000
4613	2664.000000	4613	-325.541851
4614	185.000000	4614	-0.935000
4615	257.420137	4615	0.000000
4616	29.596744	4616	0.000000
4617	472.481307	4617	0.000000
4618	-0.000000	4618	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
4619	805.000000	4619	-0.371000
4620	8.000000	4620	-101.950733
4621	431.000000	4621	-97.722596
4622	327.399601	4622	0.000000
4623	492.000000	4623	-97.066264
4624	45.000000	4624	-101.955824
4625	74.000000	4625	-112.510889
4626	1062.000000	4626	-112.597255
4627	58.000000	4627	-100.000000
4628	26.000000	4628	-94.968936
4629	24.000000	4629	-50.164274
4630	13.000000	4630	-100.751604
4631	1.000000	4631	-98.303092
4632	73.000000	4632	-120.508376
4633	18.000000	4633	-93.305663
4634	2.000000	4634	-100.000000
4635	6.000000	4635	-100.000000
4636	24.000000	4636	-105.838194
4637	0.000000	4637	3.213000
4638	342.269714	4638	0.000000
4639	82.420390	4639	0.000000
4640	369.698283	4640	0.000000
4641	516.337470	4641	0.000000
4642	0.000000	4642	4.052000
4643	-0.000000	4643	0.000000
4644	0.000000	4644	0.989000
4645	0.000000	4645	0.801000
4646	372.050639	4646	0.000000
4647	0.000000	4647	2.385000
4648	55.909187	4648	0.000000
4649	2046.000000	4649	-2.000000
4650	586.088439	4650	0.000000
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	24.000000	4655	0.000000
4656	-0.000000	4656	0.000000
4657	-0.000000	4657	0.000000
4658	0.000000	4658	1.261500
4659	226.338017	4659	0.000000
4660	0.211485	4660	0.000000
4661	0.000000	4661	1808.179788
4662	0.000000	4662	3629.336003
4663	0.000000	4663	1.793237
4664	0.000000	4664	1146.921383
4665	0.000000	4665	4.503755
4666	-0.000000	4666	0.000000
4667	0.000000	4667	1.000500

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Coordenada x	Valor x	Coordenada z	Valor z
4668	-0.000000	4668	0.000000
4669	34.480149	4669	0.000000
4670	3.082304	4670	0.000000
4671	170.672181	4671	0.000000
4672	0.000000	4672	11.060155
4673	-0.000000	4673	0.000000
4674	0.000000	4674	17.684709
4675	0.000000	4675	30.420458
4676	0.000000	4676	48.105167
4677	0.000000	4677	0.000000
4678	0.000000	4678	6.390944
4679	0.000000	4679	0.000000
4680	-0.000000	4680	0.000000
4681	0.000000	4681	309.173240
4682	0.000000	4682	7.336070
4683	0.000000	4683	41.643691
4684	0.000000	4684	33.373311
4685	0.000000	4685	9.735776
4686	0.000000	4686	7.385156
4687	0.000000	4687	0.000000
4688	58.000000	4688	0.000000
4689	0.000000	4689	9582.033300
4690	0.000000	4690	15801.691263
4691	-0.000000	4691	0.000000
4692	0.000000	4692	201.535147
4693	0.000000	4693	740.073642
4694	0.000000	4694	686.432186
4695	0.000000	4695	304.024612
4696	-0.000000	4696	0.000000
4697	-0.000000	4697	0.000000
4698	0.000000	4698	1219.566257
4699	268.292439	4699	0.000000
4700	26.000000	4700	0.000000
4701	24.000000	4701	0.000000
4702	0.000000	4702	58.004299
4703	37.316890	4703	0.000000
4704	0.000000	4704	23.782921
4705	0.000000	4705	2.999512
4706	1.000000	4706	0.000000
4707	0.000000	4707	0.000000
4708	368047.176351	4708	0.000000
4709	55.505395	4709	0.000000
4710	5.003292	4710	0.000000
4711	6.137820	4711	0.000000
4712	0.000000	4712	10.143367
4713	0.000000	4713	0.000000
4714	520595.573391	4714	0.000000
4715	0.000000	4715	54.551286
4716	0.000000	4716	31.436580

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Coordenada x	Valor x	Coordenada z	Valor z
4717	133.354945	4717	0.000000
4718	11.936665	4718	0.000000
4719	15.229268	4719	0.000000
4720	-0.000000	4720	0.000000
4721	108.763958	4721	0.000000
4722	243.382296	4722	0.000000
4723	-0.000000	4723	0.000000
4724	82.909579	4724	0.000000
4725	-0.000000	4725	0.000000
4726	0.000000	4726	8.065802
4727	-0.000000	4727	0.000000
4728	0.000000	4728	7.443995
4729	-0.000000	4729	0.000000
4730	-0.000000	4730	0.000000
4731	-0.000000	4731	0.000000
4732	0.000000	4732	0.672098
4733	0.000000	4733	7.133174
4734	0.000000	4734	4.498887
4735	-0.000000	4735	0.000000
4736	108.763958	4736	0.000000
4737	0.000000	4737	9.518121
4738	-0.000000	4738	0.000000
4739	0.000000	4739	0.307698
4740	0.000000	4740	24.462900
4741	0.000000	4741	1828.032035
4742	0.000000	4742	3628.460228
4743	-0.000000	4743	0.000000
4744	0.000000	4744	1146.292787
4745	-0.000000	4745	0.000000
4746	60.000000	4746	-0.917219
4747	-0.000000	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	-0.000000	4753	0.000000
4754	-0.000000	4754	0.000000
4755	-0.000000	4755	0.000000
4756	1586.000000	4756	0.000000
4757	-0.000000	4757	0.000000
4758	0.000000	4758	95.562384
4759	-0.000000	4759	0.000000
4760	-0.000000	4760	0.000000
4761	1160.420390	4761	0.000000
4762	64.561585	4762	0.000000
4763	24.681920	4763	0.000000
4764	294.812048	4764	0.000000
4765	82.480679	4765	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
4766	-0.000000	4766	0.000000
4767	-0.000000	4767	0.000000
4768	70.831393	4768	0.000000
4769	-0.000000	4769	0.000000
4770	37.206030	4770	0.000000
4771	0.000000	4771	0.442061
4772	0.000000	4772	0.703737
4773	66.747404	4773	0.000000
4774	0.000000	4774	1.338884
4775	-0.000000	4775	0.000000
4776	34.480149	4776	0.000000
4777	-0.000000	4777	0.000000
4778	0.000000	4778	470.835526
4779	0.000000	4779	245.487301
4780	29.596744	4780	0.000000
4781	0.000000	4781	0.565609
4782	0.000000	4782	157.954160
4783	0.000000	4783	0.326478
4784	-0.000000	4784	0.000000
4785	16.722872	4785	0.000000
4786	-0.000000	4786	0.000000
4787	-0.000000	4787	0.000000
4788	-0.000000	4788	0.000000
4789	32.624567	4789	0.000000
4790	-0.000000	4790	0.000000
4791	-0.000000	4791	0.000000
4792	-0.000000	4792	0.000000
4793	108.268687	4793	0.000000
4794	52.165691	4794	0.000000
4795	0.000000	4795	0.496751
4796	-0.000000	4796	0.000000
4797	-0.000000	4797	0.000000
4798	-0.000000	4798	0.000000
4799	238.695694	4799	0.000000
4800	-0.000000	4800	0.000000
4801	-0.000000	4801	0.000000
4802	133.354945	4802	0.000000
4803	0.000000	4803	407.985627
4804	0.000000	4804	173.940765
4805	0.000000	4805	267.117514
4806	0.000000	4806	2.110430
4807	0.000000	4807	112.638899
4808	0.000000	4808	257.318100
4809	0.000000	4809	133.264619
4810	0.000000	4810	400.974827
4811	0.000000	4811	169.077549
4812	0.000000	4812	260.484484
4813	-0.000000	4813	0.000000
4814	0.000000	4814	108.666974

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Coordenada x	Valor x	Coordenada z	Valor z
4815	0.000000	4815	253.462237
4816	0.000000	4816	126.468501
4817	0.000000	4817	407.371816
4818	0.000000	4818	125.835536
4819	0.000000	4819	6.321035
4820	0.000000	4820	3.678112
4821	0.000000	4821	3.905927
4822	0.000000	4822	6.570915
4823	0.000000	4823	4.034768
4824	0.000000	4824	3.888882
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	-0.000000	4832	0.000000
4833	-0.000000	4833	0.000000
4834	826.099820	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	2454.452547
4840	0.000000	4840	2651.601440
4841	0.000000	4841	2562.694403
4842	0.000000	4842	3011.897495
4843	0.000000	4843	2983.612918
4844	0.000000	4844	3181.600007
4845	-0.000000	4845	0.000000
4846	0.000000	4846	1005.586066
4847	0.000000	4847	1367.528913
4848	0.000000	4848	1826.433015
4849	0.000000	4849	2284.093252
4850	0.000000	4850	2329.544211
4851	0.000000	4851	2494.683200
4852	0.000000	4852	2611.804944
4853	0.000000	4853	1100.637479
4854	0.000000	4854	2102.389050
4855	0.000000	4855	2326.768070
4856	14.000000	4856	1.731938
4857	14.000000	4857	-95.925080
4858	15.000000	4858	2.337302
4859	0.000000	4859	6524.894751
4860	0.000000	4860	2839.554796
4861	0.000000	4861	2762.464871
4862	0.000000	4862	3266.344438
4863	0.000000	4863	3386.736445

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Coordenada x	Valor x	Coordenada z	Valor z
4864	0.000000	4864	3428.615902
4865	0.000000	4865	27.225980
4866	0.000000	4866	2709.030068
4867	0.000000	4867	2730.890180
4868	0.000000	4868	8629.778251
4869	0.000000	4869	9077.061139
4870	-0.000000	4870	0.000000
4871	0.000000	4871	439.955900
4872	0.000000	4872	3385.163757
4873	0.000000	4873	3739.905358
4874	0.000000	4874	1612.348640
4875	0.000000	4875	1384.785244
4876	-0.000000	4876	0.000000
4877	-0.000000	4877	0.000000
4878	0.000000	4878	6337.080653
4879	0.000000	4879	2115.635078
4880	0.000000	4880	4577.625952
4881	0.000000	4881	4576.109998
4882	0.000000	4882	3632.729816
4883	0.000000	4883	3632.729816
4884	0.000000	4884	1647.269668
4885	0.000000	4885	1644.742994
4886	0.000000	4886	1209.651999
4887	0.000000	4887	100.000000
4888	0.000000	4888	758.731242
4889	0.000000	4889	981.743920
4890	0.000000	4890	1259.312703
4891	0.000000	4891	1823.475943
4892	0.000000	4892	100.000000
4893	0.000000	4893	987.769682
4894	0.000000	4894	1597.995308
4895	0.000000	4895	1979.425770
4896	0.000000	4896	1439.501912
4897	0.000000	4897	1566.909321
4898	0.000000	4898	2005.220997
4899	0.000000	4899	4220.091436
4900	-0.000000	4900	0.000000
4901	0.000000	4901	2930.356284
4902	0.000000	4902	6569.474843
4903	0.000000	4903	2534.885174
4904	0.000000	4904	5753.738859
4905	-0.000000	4905	0.000000
4906	0.000000	4906	3031.335420
4907	0.000000	4907	11221.953609
4908	0.000000	4908	5316.051475
4909	0.000000	4909	7265.159588
4910	0.000000	4910	9637.717307
4911	0.000000	4911	10105.182959
4912	0.000000	4912	12575.375923

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Coordenada x	Valor x	Coordenada z	Valor z
4913	-0.000000	4913	0.000000
4914	-0.000000	4914	0.000000
4915	0.000000	4915	7718.698227
4916	0.000000	4916	10479.140906
4917	0.000000	4917	1089.903858
4918	0.000000	4918	385.450915
4919	0.000000	4919	12655.755725
4920	0.000000	4920	10403.113120
4921	0.000000	4921	20868.871792
4922	0.000000	4922	8755.703804
4923	-0.000000	4923	0.000000
4924	-0.000000	4924	0.000000
4925	0.000000	4925	9745.534611
4926	0.000000	4926	25697.718394
4927	0.000000	4927	11274.245922
4928	-0.000000	4928	0.000000
4929	-0.000000	4929	0.000000
4930	0.000000	4930	16369.080833
4931	0.000000	4931	16857.784219
4932	0.000000	4932	6389.639155
4933	-0.000000	4933	0.000000
4934	0.000000	4934	4477.625952
4935	0.000000	4935	4476.109998
4936	0.000000	4936	3532.729816
4937	0.000000	4937	3532.729816
4938	0.000000	4938	1547.269668
4939	0.000000	4939	1544.742994
4940	0.000000	4940	0.000000
4941	0.000000	4941	1109.651999
4942	-0.000000	4942	0.000000
4943	0.000000	4943	658.731242
4944	0.000000	4944	876.174470
4945	0.000000	4945	1153.995089
4946	0.000000	4946	1723.475943
4947	0.000000	4947	2021.138520
4948	-0.000000	4948	0.000000
4949	0.000000	4949	887.769682
4950	-0.000000	4950	0.000000
4951	-0.000000	4951	0.000000
4952	0.000000	4952	0.000000
4953	-0.000000	4953	0.000000
4954	0.000000	4954	0.000000
4955	0.000000	4955	0.000000
4956	0.000000	4956	0.000000
4957	0.000000	4957	0.000000
4958	0.000000	4958	0.000000
4959	-0.000000	4959	0.000000
4960	0.000000	4960	4477.625952
4961	0.000000	4961	4476.109998

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Coordenada x	Valor x	Coordenada z	Valor z
4962	0.000000	4962	3532.729816
4963	0.000000	4963	3532.729816
4964	0.000000	4964	1547.269668
4965	0.000000	4965	1544.742994
4966	-0.000000	4966	0.000000
4967	0.000000	4967	1109.651999
4968	-0.000000	4968	0.000000
4969	0.000000	4969	658.731242
4970	0.000000	4970	876.174470
4971	0.000000	4971	1153.995089
4972	0.000000	4972	1723.475943
4973	0.000000	4973	2021.138520
4974	0.000000	4974	0.000000
4975	0.000000	4975	887.769682
4976	0.000000	4976	0.000000
4977	0.000000	4977	0.000000
4978	-0.000000	4978	0.000000
4979	-0.000000	4979	0.000000
4980	-0.000000	4980	0.000000
4981	-0.000000	4981	0.000000
4982	-0.000000	4982	0.000000
4983	-0.000000	4983	0.000000
4984	-0.000000	4984	0.000000
4985	0.000000	4985	0.000000
4986	-0.000000	4986	0.000000
4987	0.000000	4987	1.173615
4988	1.523610	4988	0.000000
4989	0.000000	4989	8.996026
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	2.362975
5005	0.000000	5005	0.990479
5006	0.000000	5006	39.725972
5007	0.000000	5007	45.941340
5008	-0.000000	5008	0.000000
5009	8.419950	5009	0.000000
5010	0.000000	5010	40.068883

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Coordenada x	Valor x	Coordenada z	Valor z
5011	0.000000	5011	46.808656
5012	-0.000000	5012	0.000000
5013	-0.000000	5013	0.000000
5014	-0.000000	5014	0.000000
5015	-0.000000	5015	0.000000
5016	11.642400	5016	0.000000
5017	0.000000	5017	4.318000
5018	-0.000000	5018	0.000000
5019	0.000000	5019	133.309057
5020	0.000000	5020	156.554223
5021	-0.000000	5021	0.000000
5022	-0.000000	5022	0.000000
5023	-0.000000	5023	0.000000
5024	10.487734	5024	0.000000
5025	9.794407	5025	0.000000
5026	28.670631	5026	0.000000
5027	-0.000000	5027	0.000000
5028	9.878217	5028	0.000000
5029	14.000000	5029	0.000000
5030	-0.000000	5030	0.000000
5031	0.000000	5031	0.903000
5032	0.000000	5032	0.810000
5033	0.000000	5033	0.229000
5034	0.000000	5034	0.837000
5035	0.000000	5035	0.527000
5036	0.000000	5036	6.522000
5037	0.000000	5037	0.361000
5038	-0.000000	5038	0.000000
5039	0.000000	5039	8629.778251
5040	0.000000	5040	8637.105238
5041	-0.000000	5041	0.000000
5042	-0.000000	5042	0.000000
5043	-0.000000	5043	0.000000
5044	-0.000000	5044	0.000000
5045	-0.000000	5045	0.000000
5046	-0.000000	5046	0.000000
5047	-0.000000	5047	0.000000
5048	-0.000000	5048	0.000000
5049	0.000000	5049	100.000000
5050	0.512266	5050	0.000000
5051	0.000000	5051	52.091255
5052	0.000000	5052	100.000000
5053	0.000000	5053	3.789821
5054	-0.000000	5054	0.000000
5055	-0.000000	5055	0.000000
5056	-0.000000	5056	0.000000
5057	-0.000000	5057	0.000000
5058	0.000000	5058	1.597246
5059	50.670631	5059	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
5060	0.000000	5060	2.071964
5061	0.000000	5061	176.237439
5062	-0.000000	5062	0.000000
5063	9.878217	5063	0.000000
5064	-0.000000	5064	0.000000
5065	14.000000	5065	0.000000
5066	0.000000	5066	2023.151484
5067	-0.000000	5067	0.000000
5068	0.000000	5068	0.000000
5069	0.000000	5069	4137.540004
5070	-0.000000	5070	0.000000
5071	-0.000000	5071	0.000000
5072	-0.000000	5072	0.000000
5073	0.000000	5073	3688.495674
5074	0.000000	5074	4516.341683
5075	0.000000	5075	381.153417
5076	0.000000	5076	180.244483
5077	0.000000	5077	270.717204
5078	0.000000	5078	2946.583990
5079	0.000000	5079	5249.606615
5080	0.000000	5080	1027.130717
5081	0.000000	5081	633.658882
5082	-0.000000	5082	0.000000
5083	-0.000000	5083	0.000000
5084	25.000000	5084	620.096907
5085	70.000000	5085	-99.696685
5086	-0.000000	5086	0.000000
5087	-0.000000	5087	0.000000
5088	-0.000000	5088	0.000000
5089	-0.000000	5089	0.000000
5090	-0.000000	5090	0.000000
5091	-0.000000	5091	0.000000
5092	0.000000	5092	225.652961
5093	0.000000	5093	7.326988
5094	-0.000000	5094	0.000000
5095	0.000000	5095	5.811059
5096	-0.000000	5096	0.000000
5097	-0.000000	5097	0.000000
5098	-0.000000	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	-0.000000	5105	0.000000
5106	-0.000000	5106	0.000000
5107	-0.000000	5107	0.000000
5108	11.550000	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	614.609365
5111	-0.000000	5111	0.000000
5112	612.857926	5112	0.000000
5113	973.061653	5113	0.000000
5114	435.055833	5114	0.000000
5115	0.000000	5115	55.060314
5116	0.000000	5116	0.000000
5117	0.000000	5117	0.369361
5118	0.000000	5118	149.918261
5119	0.000000	5119	0.000000
5120	915.001042	5120	0.000000
5121	16.080402	5121	0.000000
5122	0.000000	5122	0.000000
5123	-0.000000	5123	0.000000
5124	64.000000	5124	0.000000
5125	60.136526	5125	0.000000
5126	252.000000	5126	0.000000
5127	234.148075	5127	0.000000
5128	556.737484	5128	0.000000
5129	519.221681	5129	0.000000
5130	0.000000	5130	0.220000
5131	0.000000	5131	0.067000
5132	5140.753934	5132	0.000000
5133	1477.229791	5133	0.000000
5134	2723.099606	5134	0.000000
5135	710.196354	5135	0.000000
5136	809.905528	5136	0.000000
5137	138.513546	5137	0.000000
5138	128.253848	5138	0.000000
5139	643.841144	5139	0.000000
5140	577.314392	5140	0.000000
5141	29.691266	5141	0.000000
5142	27.221452	5142	0.000000
5143	0.000000	5143	0.126800
5144	6974.901811	5144	0.000000
5145	2287.088171	5145	0.000000
5146	1635.097487	5146	0.000000
5147	300.605279	5147	0.000000
5148	270.758123	5148	0.000000
5149	1773.763780	5149	0.000000
5150	1593.952902	5150	0.000000
5151	1403.354079	5151	0.000000
5152	1313.065742	5152	0.000000
5153	0.000000	5153	0.126800
5154	0.000000	5154	0.067000
5155	16844.623325	5155	0.000000
5156	5291.931285	5156	0.000000
5157	2830.369849	5157	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
5158	782.537147	5158	0.000000
5159	702.071062	5159	0.000000
5160	9230.433465	5160	0.000000
5161	8338.656399	5161	0.000000
5162	917.993059	5162	0.000000
5163	863.447748	5163	0.000000
5164	0.000000	5164	0.126800
5165	0.000000	5165	0.067000
5166	28747.743912	5166	0.000000
5167	8626.964015	5167	0.000000
5168	1055.877598	5168	0.000000
5169	2300.722346	5169	0.000000
5170	2047.800036	5170	0.000000
5171	384.537044	5171	0.000000
5172	323.693723	5172	0.000000
5173	791.771000	5173	0.000000
5174	745.156226	5174	0.000000
5175	705.613198	5175	0.000000
5176	13281.050937	5176	0.000000
5177	4340.083420	5177	0.000000
5178	0.000000	5178	26.406573
5179	2217.884275	5179	0.000000
5180	0.000000	5180	128.056148
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	1840.000000	5185	0.000000
5186	1756.098969	5186	0.000000
5187	-0.000000	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	950.383418
5193	26807.517648	5193	0.000000
5194	6622.536726	5194	0.000000
5195	178.894472	5195	0.000000
5196	0.000000	5196	0.000000
5197	-0.000000	5197	0.000000
5198	134.616769	5198	0.000000
5199	125.835220	5199	0.000000
5200	354.842938	5200	0.000000
5201	333.882339	5201	0.000000
5202	0.000000	5202	-0.000000
5203	0.000000	5203	0.220000
5204	-0.000000	5204	0.000000
5205	1082.130939	5205	0.000000
5206	348.388478	5206	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
5207	0.000000	5207	11.012063
5208	620.072882	5208	0.000000
5209	-0.000000	5209	0.000000
5210	-0.000000	5210	0.000000
5211	0.000000	5211	0.000000
5212	70.828035	5212	0.000000
5213	61.384297	5213	0.000000
5214	454.000000	5214	0.000000
5215	425.375342	5215	0.000000
5216	-0.000000	5216	0.000000
5217	-0.000000	5217	0.000000
5218	2273.575500	5218	0.000000
5219	78282.714448	5219	0.000000
5220	25063.667371	5220	0.000000
5221	0.000000	5221	0.000000
5222	16408.770897	5222	0.000000
5223	1039.779063	5223	0.000000
5224	13894.566914	5224	0.000000
5225	12113.406379	5225	0.000000
5226	21310.850336	5226	0.000000
5227	19561.705161	5227	0.000000
5228	197.003700	5228	0.000000
5229	185.683517	5229	0.000000
5230	2318.483792	5230	0.000000
5231	112149.494409	5231	0.000000
5232	30107.127865	5232	0.000000
5233	0.000000	5233	0.073872
5234	425.511558	5234	0.000000
5235	326.610253	5235	0.000000
5236	497.552922	5236	0.000000
5237	432.292028	5237	0.000000
5238	46.849382	5238	0.000000
5239	40.554516	5239	0.000000
5240	75.896000	5240	0.000000
5241	72.660706	5241	0.000000
5242	1074.517766	5242	0.000000
5243	34718.274991	5243	0.000000
5244	12141.649632	5244	0.000000
5245	-0.000000	5245	0.000000
5246	-0.000000	5246	0.000000
5247	0.000000	5247	0.000000
5248	0.000000	5248	0.000000
5249	-0.000000	5249	0.000000
5250	-0.000000	5250	0.000000
5251	-0.000000	5251	0.000000
5252	-0.000000	5252	0.000000
5253	-0.000000	5253	0.000000
5254	-0.000000	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	2658.159135
5257	143.099055	5257	0.000000
5258	48.683349	5258	0.000000
5259	0.000000	5259	11.012063
5260	0.000000	5260	0.000000
5261	0.000000	5261	0.073872
5262	0.000000	5262	24.226538
5263	0.000000	5263	0.000000
5264	0.000000	5264	0.162519
5265	0.000000	5265	138.549333
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	130.964467	5277	0.000000
5278	112.885414	5278	0.000000
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	375.886294	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	922.649746	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	1603.271066	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	865.013774	5325	0.000000
5326	0.000000	5326	0.000000
5327	0.000000	5327	128.056148
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	1051.776650	5337	0.000000
5338	-0.000000	5338	0.000000
5339	0.000000	5339	950.316418
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	42.639594	5350	0.000000
5351	0.000000	5351	199.034507
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	24.226538
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	1507.972883
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	1360.915192	5377	0.000000
5378	0.000000	5378	0.000000
5379	0.000000	5379	0.000000
5380	0.000000	5380	0.162519
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	8.724921
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	9.943560	5402	0.000000

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Coordenada x	Valor x	Coordenada z	Valor z
5403	0.000000	5403	2658.092135
5404	0.000000	5404	0.000000
5405	0.000000	5405	0.000000

3 Variáveis Duais (Multiplicadores de Lagrange)

Tabela 2: Variáveis duais do problema greenbea

Coordenada y	Valor y
1	248.776859
2	240.515880
3	100.000000
4	154.774249
5	46.428121
6	170.672607
7	41.016557
8	720.096907
9	-1.547402
10	289.071375
11	49.859420
12	-0.000000
13	40.492620
14	-33.873238
15	-1.347906
16	-0.000000
17	72.493793
18	143.042985
19	-0.000000
20	33.166152
21	93.202617
22	2032.514358
23	73.920558
24	115.148851
25	100.000000
26	613.210263
27	9.106918
28	85.750327
29	92.209903
30	163.760588
31	106.070751
32	218.747011
33	-0.564947
34	84.047130
35	385.766834
36	195.493091
37	38.109350

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Coordenada y	Valor y
38	13.861462
39	-0.000000
40	-0.000000
41	-0.000000
42	-0.000000
43	383.154434
44	23.963129
45	-0.000000
46	292.499000
47	-0.157000
48	133.636898
49	136.033472
50	100.000000
51	-40.927533
52	-0.000000
53	-0.000000
54	-1999.530214
55	-0.000000
56	-0.000000
57	-378.964260
58	-0.000000
59	233.325057
60	143.169947
61	100.000000
62	-28.040452
63	-0.000000
64	246.603329
65	-0.000000
66	-0.000000
67	-0.000000
68	-246.677317
69	-0.000000
70	-1288.909854
71	-707.347089
72	-24.555571
73	-312.886985
74	-160.176284
75	-773.743019
76	-517.440448
77	-98.625742
78	-509.337690
79	-407.652785
80	-446.760909
81	-386.225077
82	-419.063119
83	-483.096816
84	24.227656
85	24.227656
86	2.867796

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Coordenada y	Valor y
87	2.867796
88	13.547726
89	13.547726
90	-498.878145
91	-486.741254
92	-420.284258
93	-235.081051
94	-235.081051
95	-235.081051
96	-403.420671
97	-235.081051
98	-395.299711
99	-430.793133
100	-547.425707
101	531.458235
102	31.648250
103	62.130116
104	-54.220536
105	-543.142099
106	-363.653169
107	-623.918223
108	-363.653169
109	-571.699488
110	-558.696593
111	-363.653169
112	-363.653169
113	-1308.537923
114	-2617.075846
115	403.278934
116	29.781220
117	-320.565503
118	29.781220
119	29.781220
120	29.781220
121	1543.414802
122	-583.836379
123	-533.678816
124	-533.678816
125	-356.883774
126	-192.021656
127	-703.494122
128	-703.494122
129	-1243.577473
130	-363.653169
131	61.821011
132	60.112222
133	-287.297104
134	-176.778170
135	-518.868317

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Coordenada y	Valor y
136	100.000000
137	212.996459
138	-320.261430
139	-1288.909854
140	-540.286360
141	-509.587166
142	199.310937
143	-565.274075
144	-759.464325
145	878.461307
146	-363.653169
147	-714.046534
148	-404.402534
149	-1308.243502
150	-714.046534
151	582.472965
152	-363.653169
153	-386.225077
154	-363.653169
155	92.933944
156	-0.000000
157	92.933944
158	-0.000000
159	92.933944
160	-705.205284
161	823.966256
162	-288.132473
163	-566.701945
164	-566.701945
165	-735.904478
166	-566.701945
167	-566.701945
168	-566.701945
169	579.598456
170	-740.188087
171	185.400712
172	-363.653169
173	-127.916411
174	-250.993983
175	578.779022
176	-0.000000
177	-705.919219
178	716.460559
179	-788.021714
180	-0.000000
181	-516.012578
182	-0.000000
183	-439.340974
184	-254.798301

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Coordenada y	Valor y
185	-547.425707
186	-605.968356
187	-637.381484
188	-562.418337
189	-561.704402
190	-587.406052
191	-518.868317
192	-571.699488
193	-597.401139
194	-527.435534
195	-528.863404
196	-550.281446
197	-1288.909854
198	-1288.909854
199	-1055.568027
200	-1288.909854
201	-1288.909854
202	-1288.909854
203	-1288.909854
204	-1288.909854
205	-1230.363132
206	-1288.909854
207	-1288.909854
208	-1288.909854
209	-825.445204
210	-914.958000
211	-1149.706989
212	-711.892356
213	-904.948399
214	-982.156720
215	-1228.259560
216	-763.725128
217	-972.393733
218	-1020.915380
219	-803.453279
220	-1288.909854
221	-1022.898244
222	-2937.808418
223	687.279323
224	236.230208
225	1702.762238
226	1010.490957
227	-0.000000
228	-0.000000
229	-0.000000
230	-0.000000
231	-0.000000
232	3030.163963
233	3658.549730

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Coordenada y	Valor y
234	-571.699488
235	-583.836379
236	4024.928751
237	-363.653169
238	-363.653169
239	-614.535572
240	-597.401139
241	5831.962649
242	4447.193075
243	4688.068497
244	-488.169124
245	66.947377
246	-0.000000
247	250.753331
248	-363.653169
249	-363.653169
250	-1288.909854
251	-1288.909854
252	-0.000000
253	-0.000000
254	-0.000000
255	-0.000000
256	-0.000000
257	-3.085838
258	-379.325063
259	-0.000000
260	-37.427857
261	-14.800739
262	-7.096901
263	-72.615674
264	-4.950144
265	0.337000
266	-17.389515
267	-0.000000
268	-0.000000
269	-0.000000
270	-0.000000
271	-0.000000
272	-0.000000
273	-0.000000
274	-0.000000
275	-0.000000
276	-0.000000
277	-0.000000
278	-0.000000
279	-42.719721
280	-0.000000
281	-0.000000
282	-541.595680

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Coordenada y	Valor y
283	-0.000000
284	-713.934739
285	-0.000000
286	-0.000000
287	-0.000000
288	-0.000000
289	-0.000000
290	-0.000000
291	100.000000
292	100.000000
293	-4273.204678
294	-1657.788875
295	-0.000000
296	-0.000000
297	-1098.377223
298	-1093.770287
299	-586.534996
300	-639.612349
301	-1432.358216
302	-1073.864939
303	-829.126637
304	-712.192459
305	-1020.364959
306	-1145.833916
307	-1046.188676
308	-597.452424
309	-985.134017
310	-975.767151
311	-1028.919137
312	-942.456697
313	-985.673030
314	-1069.195899
315	-944.068135
316	-944.068135
317	-944.068135
318	-944.068135
319	-944.068135
320	-944.068135
321	-1001.633265
322	-1001.633265
323	-1001.633265
324	-1001.633265
325	-590.475145
326	100.000000
327	1462.358218
328	-956.937899
329	-942.415131
330	-1014.170004
331	-1064.348939

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Coordenada y	Valor y
332	-1093.770287
333	-1093.770287
334	-1093.770287
335	-1093.770287
336	-1093.770287
337	-1093.770287
338	-1093.770287
339	-1093.770287
340	-1093.770287
341	-2568.200251
342	-1210.617714
343	-944.068135
344	-969.662018
345	-944.068135
346	-944.068135
347	-944.068135
348	-1151.601943
349	357.098320
350	-1446.633928
351	-1446.633928
352	-948.033818
353	-738.810585
354	-1590.544133
355	-1590.544133
356	-1113.988886
357	-1126.175317
358	-998.646409
359	-937.726498
360	-938.069592
361	-1009.459142
362	-1122.487140
363	-907.004651
364	-1176.320409
365	-1053.580039
366	-982.514922
367	100.000000
368	-1184.034137
369	-1167.228013
370	-868.372635
371	-734.648417
372	-1136.335670
373	-1193.601462
374	-802.431652
375	-1171.910920
376	-841.814354
377	-669.730984
378	-820.418009
379	-1614.402295
380	-1242.626308

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Coordenada y	Valor y
381	-1184.736433
382	1602.730131
383	-858.880628
384	-942.456697
385	60.296576
386	66.662346
387	-628.254908
388	68.190131
389	-1081.894016
390	2267.222043
391	-1187.568636
392	-0.000000
393	-1147.624963
394	-0.000000
395	-0.000000
396	-1177.909207
397	-1150.358536
398	-1031.710410
399	-835.343705
400	-1066.025620
401	-1139.778065
402	-1042.493735
403	-1142.080670
404	-1178.715119
405	-1039.453556
406	-0.000000
407	-906.041825
408	-1043.409797
409	-707.139475
410	-804.932058
411	-785.359074
412	-1000.564259
413	-925.088794
414	-1068.441828
415	-732.440242
416	-820.001125
417	-803.780081
418	-1027.544656
419	-2562.563953
420	-2409.875677
421	-2367.592770
422	-2466.252887
423	-2548.469651
424	-2294.772207
425	-2102.150074
426	-2167.923485
427	-2205.508292
428	-2266.583602
429	-2133.424290

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Coordenada y	Valor y
430	-2717.527796
431	-1941.116534
432	-2469.837212
433	-2304.540984
434	-2914.921514
435	-2083.282696
436	-2654.783162
437	-12770.833927
438	-5033.764978
439	-3441.108804
440	-3485.740762
441	-1275.643285
442	-1275.643285
443	-1275.643285
444	-833.903503
445	-979.444729
446	-601.939870
447	-690.777214
448	-929.225430
449	-1274.491982
450	-1274.491982
451	-1274.491982
452	15767.735192
453	14387.164137
454	15042.767614
455	-1244.097594
456	17424.988077
457	-1063.343085
458	-1127.355510
459	12665.964137
460	8869.393736
461	2209.327429
462	-1304.195590
463	-1190.907413
464	-1086.829658
465	-1187.338375
466	-936.423116
467	-0.000000
468	-0.000000
469	0.000000
470	-3704.202450
471	-1151.302604
472	-1151.302604
473	-1151.302604
474	-0.000000
475	145.548864
476	-1053.009246
477	-0.000000
478	-50.926162

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Coordenada y	Valor y
479	-47.057893
480	-35.000649
481	-104.193865
482	-15.140784
483	-1.276000
484	-0.000000
485	-0.000000
486	-0.000000
487	2349.050404
488	-0.000000
489	-0.000000
490	-0.000000
491	-8.577339
492	-1.827346
493	-0.000000
494	-0.000000
495	-0.000000
496	-0.000000
497	-0.000000
498	-0.000000
499	-0.000000
500	-0.000000
501	-970.389854
502	-1104.400252
503	-567.346576
504	-611.184846
505	-1361.650119
506	-931.261185
507	-785.210761
508	-683.922223
509	-943.110900
510	-980.601399
511	-982.630438
512	-542.862640
513	-819.243376
514	-995.103489
515	-1048.244067
516	-999.604286
517	-1042.275790
518	-1083.506824
519	-1066.767732
520	-1066.767732
521	-1066.767732
522	-1066.767732
523	-1066.767732
524	-1066.767732
525	-1050.286333
526	-1050.286333
527	-1050.286333

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Coordenada y	Valor y
528	-1050.286333
529	-997.698198
530	-574.189939
531	100.000000
532	1477.050349
533	-1072.128374
534	-1072.101570
535	-992.391403
536	-1030.693635
537	-1104.400252
538	-1104.400252
539	-1047.604082
540	-1019.210257
541	-1104.400252
542	-1104.400252
543	-1104.400252
544	-1104.400252
545	-1047.604082
546	-1019.210257
547	-2370.477415
548	-2370.477415
549	-188.403924
550	-1066.767732
551	-920.968913
552	-1066.767732
553	-1066.767732
554	-1066.767732
555	-929.662684
556	-941.674352
557	483.832809
558	-1335.180225
559	-1335.180225
560	-921.680485
561	-703.586146
562	-1410.886313
563	-1410.886313
564	-1001.671656
565	-1089.526840
566	-961.692515
567	-1066.767732
568	-1066.767732
569	-969.690620
570	-947.352464
571	-879.694224
572	-947.499153
573	-1031.606333
574	-847.692678
575	1505.675356
576	-927.142997

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Coordenada y	Valor y
577	-1129.243582
578	100.000000
579	-848.460168
580	-696.292985
581	-974.353777
582	-235.083212
583	-703.315133
584	-1015.040731
585	-793.802784
586	-923.518103
587	-925.045631
588	-770.774141
589	-1432.049607
590	-1432.049607
591	-1226.606604
592	-1146.182236
593	-1432.049607
594	1618.832561
595	-786.971234
596	-999.604286
597	59.589812
598	65.880967
599	-582.607050
600	67.390844
601	-945.568151
602	2290.000541
603	-937.712345
604	-0.000000
605	-984.739458
606	-0.000000
607	-0.000000
608	-1032.044322
609	-307.338827
610	858.121462
611	-991.029483
612	-738.514631
613	-1032.192466
614	47.827212
615	-0.000000
616	-621.305772
617	-957.689096
618	-1005.693267
619	-1000.773641
620	-0.000000
621	-845.372693
622	-1003.618591
623	-667.566575
624	-754.231034
625	-743.389146

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Coordenada y	Valor y
626	-959.590511
627	-867.921855
628	-1033.672081
629	-701.282846
630	-772.967788
631	-767.177113
632	-991.801218
633	-2364.022794
634	-2228.903857
635	-2191.486305
636	-2278.793926
637	-2351.550277
638	-2127.044966
639	-1956.587229
640	-2014.792310
641	-2048.052356
642	-2102.099931
643	-2413.912864
644	-2409.755358
645	-2357.786536
646	-1933.292749
647	-2487.405721
648	-1819.529485
649	-2331.024256
650	-2098.066813
651	-2675.835727
652	-1958.049854
653	-2510.964241
654	-2191.216208
655	-2067.166212
656	-2829.634047
657	-2651.555206
658	-9046.319112
659	-4550.870827
660	-3141.476373
661	-3180.972677
662	-1242.225552
663	-1242.225552
664	-1242.225552
665	-761.805841
666	-928.843446
667	-548.799825
668	-637.829662
669	-877.452675
670	-1178.257948
671	-1178.257948
672	-1178.257948
673	15931.897953
674	14551.623214

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Coordenada y	Valor y
675	14279.051905
676	13020.305470
677	17359.578498
678	-1005.157175
679	-980.346660
680	15120.711225
681	11324.955692
682	2266.287352
683	-1202.940626
684	-1116.527131
685	1646.766797
686	-1012.334458
687	5292.409775
688	4538.642718
689	5170.686160
690	4583.732871
691	5090.065699
692	-1066.767732
693	-405.444761
694	-405.444761
695	-569.070572
696	-3374.296695
697	-1162.491706
698	-1162.491706
699	-1072.820717
700	-0.000000
701	192.813943
702	-1053.534995
703	-0.000000
704	-50.329233
705	-47.525611
706	-35.340808
707	-103.021267
708	-14.901604
709	-1.276000
710	201.630545
711	405.444761
712	405.444761
713	519.699153
714	2078.752883
715	-0.000000
716	-0.000000
717	-0.000000
718	-0.000000
719	-0.000000
720	-0.000000
721	-0.000000
722	-0.000000
723	-0.000000

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Coordenada y	Valor y
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726	-0.000000
727	-0.000000
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729	-35.733333
730	-31.694516
731	14.376180
732	-1792.158494
733	-38.626198
734	71.499367
735	56.398213
736	-33.335191
737	-37.434245
738	1548.246526
739	522.650149
740	-0.000000
741	62.859664
742	-33.614655
743	57.092245
744	-33.592087
745	-2845.391561
746	4021.906534
747	4021.906534
748	-32.723229
749	-32.723229
750	1994.591653
751	1994.591653
752	-32.723229
753	-32.723229
754	-32.723229
755	-32.723229
756	-0.000000
757	-34.298833
758	100.000000
759	-0.000000
760	-32.887667
761	-32.886845
762	-36.059494
763	32.535275
764	-35.733333
765	-35.733333
766	-35.733333
767	-35.733333
768	-35.733333
769	-35.733333
770	-35.733333
771	-35.733333
772	-35.733333

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Coordenada y	Valor y
773	-35.733333
774	-6874.313299
775	-6874.313299
776	-39.550724
777	-30.842583
778	-38.939514
779	-30.842583
780	-30.842583
781	-30.842583
782	3935.596714
783	-39.665443
784	-36.178350
785	-4177.909607
786	-4177.909607
787	45.430875
788	299.055744
789	-5347.064739
790	-5347.064739
791	-36.393872
792	-4607.569211
793	20.979912
794	-32.723229
795	-32.723229
796	463.272198
797	-39.317900
798	60.392267
799	-38.430235
800	654.475848
801	5399.087114
802	-0.000000
803	805.099629
804	-4775.529863
805	-34.358638
806	1242.767567
807	6898.621701
808	-38.994805
809	-35.889859
810	-38.286178
811	-35.542316
812	295.245140
813	-39.082443
814	701.525095
815	-5427.270710
816	-5427.270710
817	-2759.576077
818	-4847.162810
819	-5427.270710
820	-0.000000
821	-7.225100

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Coordenada y	Valor y
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823	1255.598685
824	1268.502334
825	1545.176411
826	1271.696521
827	-36.979505
828	-0.000000
829	-38.797713
830	1129.534774
831	-37.776899
832	1129.129311
833	1129.129311
834	-38.482141
835	-0.000000
836	-37.582064
837	447.287491
838	-39.025271
839	347.344057
840	-37.236401
841	-0.000000
842	-36.460823
843	-37.311627
844	-38.508470
845	781.252881
846	-0.000000
847	-35.077797
848	-35.658484
849	-21.862374
850	231.029218
851	-35.356132
852	-35.250816
853	52.437138
854	85.242077
855	196.496212
856	325.526525
857	93.124266
858	85.321999
859	-6819.369913
860	-6595.717383
861	-6533.782836
862	-6678.296779
863	-6798.725064
864	-6427.117782
865	-6144.971513
866	-6241.314141
867	-6296.367072
868	-6385.828084
869	-6901.949309
870	-6895.067693

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Coordenada y	Valor y
871	-6809.047489
872	-6056.103917
873	-7036.263927
874	-4679.045918
875	-5426.504975
876	-6276.470326
877	-7335.491138
878	-4847.332262
879	-5654.156003
880	-6450.839387
881	-4974.523808
882	-7532.185987
883	-5795.709081
884	-9189.448950
885	-10439.100105
886	-8106.232168
887	-8171.607523
888	-41.675101
889	-41.675101
890	-41.675101
891	1632.812471
892	1600.408609
893	1562.894249
894	1613.832525
895	1366.241234
896	1539.123840
897	1619.217490
898	-41.637488
899	-41.637488
900	-41.637488
901	65139.337817
902	62622.979846
903	71438.097639
904	68763.043592
905	10760.287314
906	-34.739281
907	-36.830558
908	161622.756448
909	154731.733669
910	173286.058802
911	165946.313337
912	-38.906791
913	-35.506584
914	-38.790191
915	33991.100052
916	32622.669996
917	33481.648566
918	32228.694024
919	-40.351126

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Coordenada y	Valor y
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923	-0.000000
924	-0.000000
925	-8491.602682
926	-37.612907
927	-37.612907
928	-37.612907
929	-0.000000
930	-0.321600
931	-1026.788322
932	-0.000000
933	-106.472898
934	-0.000000
935	-0.504267
936	-1.143467
937	-213.171263
938	0.059733
939	-1.276000
940	1200.593100
941	-0.000000
942	-0.000000
943	-0.000000
944	3440.808166
945	-0.000000
946	-0.000000
947	-0.000000
948	-0.000000
949	-0.000000
950	-0.000000
951	-0.000000
952	-0.000000
953	-0.000000
954	-0.000000
955	-0.000000
956	-0.000000
957	-0.000000
958	-2913.463818
959	-3828.320679
960	-5253.292935
961	-2891.325972
962	-3350.852828
963	-2539.150722
964	-3231.439801
965	-1670.348193
966	-1742.102422
967	-1675.777153
968	-1741.764774

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Coordenada y	Valor y
969	-3864.467246
970	-4007.891109
971	-4007.891109
972	-4007.891109
973	-4007.891109
974	-4007.891109
975	-4007.891109
976	-3756.129026
977	-3756.129026
978	-3756.129026
979	-3756.129026
980	100.000000
981	98.098859
982	-4028.031265
983	-4027.930564
984	-3558.732376
985	-4750.805062
986	-1239.175331
987	-4090.689069
988	-98.569835
989	-4269.325495
990	-4492.667932
991	-4716.410897
992	-6065.914929
993	-5280.475195
994	-4007.891109
995	-5280.475195
996	-4007.891109
997	-4007.891109
998	-4007.891109
999	-4586.421225
1000	-4586.421225
1001	-3118.956196
1002	-2823.168516
1003	-1506.063775
1004	-4749.596386
1005	-4749.596386
1006	-4773.161269
1007	-3752.660487
1008	-3099.861332
1009	-4007.891109
1010	-4007.891109
1011	-3103.612980
1012	-5144.618245
1013	100.000000
1014	-5235.762781
1015	-3889.456978
1016	-5185.891243
1017	-57.924128

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Coordenada y	Valor y
1018	-2887.145073
1019	-4649.001124
1020	-2641.302413
1021	-4341.050319
1022	-3947.798832
1023	-4820.840332
1024	107.515379
1025	-4424.089988
1026	-1675.777153
1027	105.141604
1028	116.241858
1029	-2434.092596
1030	118.905918
1031	152.091255
1032	-5211.686866
1033	-852.072849
1034	-0.000000
1035	-0.000000
1036	-2672.896690
1037	-0.000000
1038	-5168.694160
1039	-5246.081031
1040	-5048.441346
1041	-5005.321879
1042	-5280.475195
1043	-2875.132455
1044	-3117.246274
1045	-2864.830702
1046	-2795.124419
1047	-3387.243891
1048	-3103.671737
1049	-2850.876622
1050	-3089.900901
1051	-2810.544814
1052	-2767.889295
1053	-3360.191974
1054	-3075.681623
1055	-6025.265118
1056	-5791.548739
1057	-5726.827280
1058	-5877.844017
1059	-5615.362546
1060	-5320.520344
1061	-5421.198169
1062	-5478.728355
1063	-6111.560396
1064	-6104.369123
1065	-6014.478208
1066	-5401.373899

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Coordenada y	Valor y
1067	-6291.572953
1068	-5157.675127
1069	-5996.239028
1070	-5604.179053
1071	-6564.610608
1072	-5348.018278
1073	-6253.234314
1074	-5762.053989
1075	-5491.998420
1076	-6745.861015
1077	-6414.642002
1078	-31752.644356
1079	-9807.874820
1080	-0.000000
1081	-7438.350301
1082	-5149.642079
1083	-3431.987421
1084	-3331.257256
1085	-3462.206470
1086	-4683.736441
1087	-4683.736441
1088	-4683.736441
1089	-4881.502887
1090	70185.205440
1091	-4869.464929
1092	74330.108422
1093	23767.533030
1094	-3027.216344
1095	-4884.942303
1096	-4962.329173
1097	139226.547232
1098	-4972.647423
1099	139902.783811
1100	-3090.292145
1101	-3093.155370
1102	-4964.048882
1103	-4609.788987
1104	40306.103793
1105	-4592.591905
1106	39176.425034
1107	11984.572478
1108	-4007.891109
1109	-1239.175331
1110	-5722.780098
1111	-2769.701187
1112	-7772.744505
1113	5064.723985
1114	572.743716
1115	-0.000000

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Coordenada y	Valor y
1116	0.065871
1117	-3652.536525
1118	-0.000000
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1120	-3.309073
1121	-3.154235
1122	-178.912200
1123	-0.916978
1124	-1.276000
1125	3975.447522
1126	-684.834942
1127	-0.000000
1128	2040.113786
1129	-0.000000
1130	3595.636599
1131	-0.000000
1132	-0.000000
1133	-0.000000
1134	-0.000000
1135	-0.000000
1136	-28137.355471
1137	-0.000000
1138	-909.117009
1139	-0.000000
1140	-0.000000
1141	-1719.708224
1142	-0.000000
1143	-0.000000
1144	234.398057
1145	-7.333870
1146	-1479.008268
1147	-0.000000
1148	100.000000
1149	100.000000
1150	-9.363870
1151	-0.000000
1152	-0.000000
1153	244.431231
1154	-4.802819
1155	112.859584
1156	238.863664
1157	81.773227
1158	-0.000000
1159	67.230482
1160	-0.000000
1161	-52.533773
1162	243.348356
1163	243.348356
1164	229.566442

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Coordenada y	Valor y
1165	243.348356
1166	236.932875
1167	239.784353
1168	152.118660
1169	150.870450
1170	151.955894
1171	151.413172
1172	-0.000000
1173	-0.000000
1174	100.000000
1175	1.741500
1176	232.624057
1177	248.201096
1178	100.000000
1179	244.306836
1180	-20.766497
1181	-41.251251
1182	-83.128533
1183	-145.944456
1184	2.700000
1185	-136.192602
1186	-131.316675
1187	-9.363870
1188	-9.363870
1189	-1480.690268
1190	-1480.690268
1191	-1480.690268
1192	-1480.690268
1193	-2445.478510
1194	-184.964327
1195	236.770065
1196	-184.964327
1197	237.584115
1198	237.475602
1199	236.932875
1200	-775.189990
1201	-775.189990
1202	-40.150963
1203	130.505784
1204	-1064.042736
1205	-1064.042736
1206	-1407.183567
1207	246.966265
1208	246.457206
1209	-31.028862
1210	-139.923950
1211	476.013227
1212	-170.140912
1213	-1458.479914

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Coordenada y	Valor y
1214	1.775250
1215	-153.607103
1216	39.097295
1217	-482.712198
1218	-1480.357113
1219	-1080.003377
1220	1.908667
1221	-130.801849
1222	67.230482
1223	-0.000000
1224	-0.000000
1225	-0.000000
1226	2.700000
1227	-41.000593
1228	-41.000593
1229	-41.000593
1230	-173.561700
1231	-0.000000
1232	-93.743311
1233	-0.000000
1234	-12.210802
1235	-42.970054
1236	-0.000000
1237	-0.000000
1238	-0.000000
1239	-33.630038
1240	-0.000000
1241	-6.984886
1242	-0.000000
1243	-0.000000
1244	-0.000000
1245	-0.000000
1246	-1458.479914
1247	-1458.479914
1248	-1458.479914
1249	-1458.479914
1250	-1458.479914
1251	-1458.479914
1252	-1458.479914
1253	-1458.479914
1254	-1458.479914
1255	-1458.479914
1256	-1458.479914
1257	-1458.479914
1258	-1458.479914
1259	-1203.895157
1260	-1398.942471
1261	-866.930945
1262	-1005.598088

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Coordenada y	Valor y
1263	-1247.766882
1264	-1458.479914
1265	-898.153470
1266	-1047.830375
1267	-1724.851418
1268	-52.693853
1269	-48.702934
1270	-0.000000
1271	-0.000000
1272	-53.834116
1273	-79.490027
1274	-82.910815
1275	-0.000000
1276	-0.000000
1277	-80.060158
1278	37.386901
1279	43.088214
1280	-0.000000
1281	-19.124509
1282	248.981539
1283	-0.000000
1284	-0.000000
1285	647.427450
1286	647.427450
1287	-1458.479914
1288	-0.000000
1289	-0.000000
1290	-0.000000
1291	0.037800
1292	-226.969119
1293	0.542700
1294	0.445700
1295	5.305000
1296	1.379800
1297	0.086400
1298	1.409500
1299	0.769800
1300	-0.000000
1301	2.694105
1302	-0.000000
1303	-0.000000
1304	-0.000000
1305	-0.000000
1306	-0.000000
1307	-0.000000
1308	-0.000000
1309	-12.726466
1310	-3.253991
1311	-0.000000

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Coordenada y	Valor y
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1314	-126.687895
1315	-0.000000
1316	-570.131355
1317	-570.131355
1318	-0.000000
1319	-0.000000
1320	30.452408
1321	-448.317282
1322	-297.898752
1323	-137.450161
1324	-139.360176
1325	-466.254492
1326	-503.189331
1327	-454.772277
1328	-484.123135
1329	-507.772661
1330	-459.822646
1331	-459.822646
1332	-459.822646
1333	-459.822646
1334	-459.822646
1335	-459.822646
1336	-441.679388
1337	-441.679388
1338	-441.679388
1339	-441.679388
1340	737.739250
1341	-462.133313
1342	100.000000
1343	-450.592169
1344	-453.685361
1345	-722.943383
1346	-635.041762
1347	-503.189331
1348	-489.046047
1349	-499.654747
1350	-489.046047
1351	-441.473782
1352	-453.685361
1353	-1541.377141
1354	-1121.561390
1355	-1199.237028
1356	-447.711737
1357	-459.822646
1358	-447.711737
1359	-459.822646
1360	-459.822646

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Coordenada y	Valor y
1361	-459.822646
1362	467.091015
1363	897.895484
1364	-427.431666
1365	-248.991691
1366	-503.189331
1367	516.287190
1368	-36.026231
1369	-452.539734
1370	-260.387360
1371	-452.588833
1372	99.502488
1373	-459.822646
1374	-294.903024
1375	-449.004658
1376	100.000000
1377	-448.137255
1378	-269.879313
1379	-448.611872
1380	-503.189331
1381	-347.257985
1382	-448.955560
1383	-454.143612
1384	100.000000
1385	-273.927503
1386	-8.509103
1387	808.554915
1388	-453.685361
1389	-454.772277
1390	-0.000000
1391	-0.000000
1392	-210.270550
1393	-0.000000
1394	1143.781783
1395	-448.366380
1396	-503.189331
1397	-503.189331
1398	-503.189331
1399	-503.189331
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1401	-448.775533
1402	-448.039058
1403	-449.610203
1404	-450.330312
1405	-438.089411
1406	-0.000000
1407	-503.189331
1408	-503.189331
1409	-503.189331

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Coordenada y	Valor y
1410	-503.189331
1411	-503.189331
1412	-503.189331
1413	-503.189331
1414	-503.189331
1415	-503.189331
1416	-503.189331
1417	-503.189331
1418	-503.189331
1419	-1362.038379
1420	-1323.749627
1421	-1331.407378
1422	-1337.533578
1423	-1358.975279
1424	-1296.181726
1425	-1401.858680
1426	-1265.550725
1427	-1274.740026
1428	-1290.055526
1429	-1257.892975
1430	-1257.892975
1431	-1288.523976
1432	420.012260
1433	-359.078261
1434	846.326349
1435	311.872743
1436	388.210083
1437	-415.540445
1438	840.335836
1439	284.010487
1440	-5201.918076
1441	-453.390771
1442	-453.390771
1443	-453.390771
1444	5810.168950
1445	5650.115270
1446	-503.189331
1447	-503.189331
1448	-451.475938
1449	417.145275
1450	2060.910471
1451	-503.189331
1452	-503.189331
1453	-450.723098
1454	3435.718619
1455	3563.570245
1456	-503.189331
1457	-459.822646
1458	-0.000000

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Coordenada y	Valor y
1459	-503.189331
1460	-471.606234
1461	-11212.968330
1462	-0.000000
1463	-0.000000
1464	-0.000000
1465	-4.664553
1466	-303.610652
1467	-0.000000
1468	-32.385014
1469	-21.050026
1470	-12.179473
1471	-33.964898
1472	-6.721645
1473	-622.435475
1474	-0.000000
1475	-0.000000
1476	16.366094
1477	-0.000000
1478	15315.500546
1479	-0.000000
1480	-0.000000
1481	-0.000000
1482	-0.000000
1483	-0.000000
1484	-638.642564
1485	-0.000000
1486	-0.000000
1487	-0.000000
1488	-0.000000
1489	-0.000000
1490	6578.801149
1491	-0.000000
1492	-655.354048
1493	-2905.557124
1494	-2.100000
1495	-0.000000
1496	-8364.479863
1497	-6102.280175
1498	-0.000000
1499	-7641.027953
1500	-0.000000
1501	-0.000000
1502	2232.135349
1503	-182.491505
1504	1652.556329
1505	1455.424411
1506	-1252.091692
1507	1382.690479

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Coordenada y	Valor y
1508	1377.743216
1509	6563.020204
1510	635.397622
1511	1558.066365
1512	1707.210538
1513	635.397622
1514	1013.816548
1515	1011.083633
1516	1243.431630
1517	1239.657762
1518	900.195789
1519	-192.189205
1520	-192.189205
1521	-192.189205
1522	-192.189205
1523	-963.589522
1524	-177.409587
1525	-177.409587
1526	-177.409587
1527	-177.409587
1528	1232.501952
1529	1228.777633
1530	1330.434001
1531	100.000000
1532	213.785395
1533	-193.154980
1534	-193.966899
1535	788.914847
1536	-188.636421
1537	-182.491505
1538	-178.394895
1539	-146.794552
1540	-154.286683
1541	-0.000000
1542	-2842.140068
1543	1794.551885
1544	804.887168
1545	-0.000000
1546	1803.878322
1547	2709.895514
1548	2421.468075
1549	321.843597
1550	-2758.549842
1551	1482.308529
1552	1032.079553
1553	241.862544
1554	-2950.701134
1555	1291.309482
1556	2040.474441

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Coordenada y	Valor y
1557	493.187864
1558	-3113.094510
1559	254.592151
1560	9825.742558
1561	1159.259884
1562	-192.189205
1563	-192.189205
1564	1260.011355
1565	1680.156463
1566	991.907045
1567	246.603329
1568	1576.590158
1569	1345.547321
1570	335.201160
1571	100.000000
1572	635.397622
1573	1050.124904
1574	635.397622
1575	1618.401761
1576	1208.254622
1577	1629.003706
1578	-102.844968
1579	2012.206665
1580	1451.524740
1581	1386.407247
1582	-626.313774
1583	340.229177
1584	251.879678
1585	579.187840
1586	265.136503
1587	100.000000
1588	100.000000
1589	1106.847196
1590	12929.521701
1591	18101.615835
1592	13842.593656
1593	15109.812793
1594	6538.835567
1595	6538.835567
1596	1751.686500
1597	11642.918257
1598	-0.000000
1599	1512.181498
1600	375.062097
1601	947.364871
1602	12935.006307
1603	18106.942944
1604	635.397622
1605	13848.657296

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Coordenada y	Valor y
1606	15114.899024
1607	6544.320174
1608	-102.844968
1609	11649.120864
1610	1245.122873
1611	635.397622
1612	1542.533782
1613	-102.844968
1614	1277.383053
1615	1298.585268
1616	874.058385
1617	3190.822579
1618	11254.770936
1619	6121.902174
1620	1814.967934
1621	635.397622
1622	5355.107182
1623	-102.844968
1624	839.926334
1625	3690.703667
1626	9114.196874
1627	772.856215
1628	696.122066
1629	-0.000000
1630	-0.000000
1631	-0.000000
1632	-8364.479863
1633	-8364.479863
1634	-152.973952
1635	-144.894427
1636	-140.559073
1637	-150.904805
1638	-151.003336
1639	2042.390569
1640	-147.456228
1641	809.252659
1642	697.980127
1643	544.177730
1644	848.886664
1645	687.268555
1646	691.062378
1647	1360.145359
1648	4959.667734
1649	1710.400269
1650	5852.086976
1651	966.172288
1652	-3946.379515
1653	60748.433619
1654	-2332.486174

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Coordenada y	Valor y
1655	-61605.303481
1656	-1998.481667
1657	-1927.829055
1658	-2136.150859
1659	-4138.600990
1660	-2817.689575
1661	2284.796174
1662	549.946307
1663	1625.019399
1664	322.563787
1665	2385.575704
1666	565.756351
1667	1690.763764
1668	324.575123
1669	-3489.158585
1670	-13067.263778
1671	-12439.456419
1672	-2410.378366
1673	-8041.936889
1674	333.251490
1675	6628.192511
1676	3577.208027
1677	314.508012
1678	-153.466606
1679	-153.171013
1680	-153.466606
1681	-140.467649
1682	-153.466606
1683	-0.000000
1684	-0.000000
1685	-0.000000
1686	-0.000000
1687	-117.052320
1688	-144.345349
1689	-0.000000
1690	-0.000000
1691	-136.317406
1692	-111.532815
1693	-141.760079
1694	-141.760079
1695	-142.984681
1696	-151.148690
1697	-147.727350
1698	-149.107688
1699	-146.368171
1700	17009.098132
1701	-107.637960
1702	6299.792563
1703	-192.189205

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Coordenada y	Valor y
1704	-195.165530
1705	-286.458361
1706	-263.131372
1707	-295.787723
1708	-328.678876
1709	-89023.516651
1710	84.222171
1711	-0.000000
1712	-0.000000
1713	-0.000000
1714	-31.912742
1715	0.215576
1716	625.704472
1717	-0.000000
1718	4.632269
1719	-0.000000
1720	6.598423
1721	-1414.248387
1722	-7.120101
1723	-1.881728
1724	6.433554
1725	-1.940881
1726	797.225876
1727	-0.000000
1728	-0.000000
1729	-0.000000
1730	224.015126
1731	-0.000000
1732	-0.000000
1733	1.102000
1734	-2.000000
1735	-1.276000
1736	55.060314
1737	-2324.353007
1738	61.052289
1739	-220.241258
1740	4.251892
1741	118.466192
1742	98.530787
1743	136.066823
1744	159.262277
1745	26813.455863
1746	116003.067929
1747	-2654.344815
1748	-2041.803704
1749	-0.000000
1750	-233.950476
1751	-3.523425
1752	-0.000000

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Coordenada y	Valor y
1753	-0.000000
1754	-0.000000
1755	-0.000000
1756	-0.000000
1757	-0.000000
1758	-2041.803704
1759	-11.885472
1760	-11.314095
1761	-0.000000
1762	-11.694250
1763	-0.000000
1764	-11.885472
1765	1321.268268
1766	-0.000000
1767	506.529006
1768	447.965753
1769	-3.369107
1770	224.551529
1771	312.115800
1772	2511.294560
1773	64.356608
1774	174.462323
1775	434.209466
1776	16.806300
1777	16.852730
1778	3.564724
1779	4.736853
1780	3.522170
1781	4.684012
1782	-1.509433
1783	4.495613
1784	3.234113
1785	4.408570
1786	3.886561
1787	-8.295603
1788	4.032795
1789	3.032295
1790	3.902330
1791	3.467313
1792	3.524196
1793	4.686527
1794	507.538012
1795	-1.374712
1796	100.000000
1797	-0.000000
1798	4.009342
1799	4.074920
1800	3.394616
1801	4.262915

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Coordenada y	Valor y
1802	-0.000000
1803	3.096980
1804	-0.874712
1805	76.657829
1806	-10.259953
1807	1039.631608
1808	388.462787
1809	-0.000000
1810	2201.657885
1811	1285.252213
1812	-9.952934
1813	-11.454943
1814	-8.314770
1815	154.792408
1816	-0.000000
1817	-12.107311
1818	320.873716
1819	-8.314770
1820	-9.952934
1821	-12.662653
1822	0.822779
1823	-0.000000
1824	-5.681650
1825	172.697870
1826	4.054545
1827	4.054545
1828	194.427891
1829	675.046633
1830	4.174967
1831	-0.000000
1832	1103.323015
1833	452.590980
1834	-6.371659
1835	-0.000000
1836	16.806300
1837	330.958152
1838	828.193421
1839	68.891773
1840	428.101358
1841	-3.878021
1842	1630.962611
1843	205.553587
1844	-9.164379
1845	-2.574991
1846	-6.467233
1847	-0.000000
1848	-10.019009
1849	-0.000000
1850	100.000000

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Coordenada y	Valor y
1851	3.522170
1852	175.082294
1853	2435.678803
1854	9231.696223
1855	4079.549142
1856	6787.062148
1857	2.266148
1858	4.526681
1859	-0.033983
1860	1870.721667
1861	435.845182
1862	-1.211778
1863	27.100398
1864	-0.000000
1865	530.543885
1866	2437.045227
1867	9233.023408
1868	19.358149
1869	4081.059825
1870	6788.329321
1871	3.632571
1872	-2.986201
1873	1872.266972
1874	34.579460
1875	3.396502
1876	437.056960
1877	-0.000000
1878	-3.878021
1879	3555.524245
1880	676.603026
1881	-3.878021
1882	504.202141
1883	1082.369239
1884	-0.000000
1885	-0.000000
1886	1023.744779
1887	16.806300
1888	1143.811355
1889	-3.806422
1890	0.722433
1891	1904.366253
1892	17.633181
1893	7800.107891
1894	5.028729
1895	7.853784
1896	76.662629
1897	-0.000000
1898	-0.000000
1899	-0.000000

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Coordenada y	Valor y
1900	-11.885472
1901	-11.885472
1902	2.987809
1903	3.320131
1904	1.846945
1905	3.371911
1906	2.161659
1907	16.806300
1908	2.027307
1909	4.364329
1910	4.503245
1911	3.861994
1912	4.511179
1913	4.018974
1914	117.188927
1915	3.933987
1916	-9.541559
1917	-8.529209
1918	-9.195192
1919	9.149896
1920	-9.097876
1921	-10.449026
1922	6.952013
1923	-10.678007
1924	-32.587020
1925	-10.410645
1926	6.422305
1927	-10.287560
1928	-10.483951
1929	-10.387756
1930	-8.359025
1931	-11.595128
1932	-8.238225
1933	-11.405709
1934	-8.512292
1935	-11.969891
1936	-8.380381
1937	-11.763457
1938	-12.766485
1939	-12.601717
1940	-17.478228
1941	-12.684600
1942	-13.052781
1943	-4.965385
1944	-3.361550
1945	-10.276131
1946	45.589412
1947	1.217749
1948	1.127731
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Coordenada y	Valor y
1949	1.985030
1950	3.745501
1951	4.570111
1952	4.069761
1953	4.764424
1954	3.648223
1955	-0.444875
1956	-0.477939
1957	-0.444875
1958	-0.455896
1959	5.074968
1960	4.069761
1961	-0.444875
1962	3695.907511
1963	118.503770
1964	141.556792
1965	-0.654283
1966	126.848840
1967	4.586380
1968	0.106198
1969	186.763810
1970	-0.059124
1971	183.783538
1972	79.213277
1973	5.103238
1974	23.688937
1975	4.119795
1976	4.054545
1977	4.262915
1978	3.096980
1979	11.822017
1980	-17.270185
1981	1.065768
1982	2.370495
1983	-0.000000
1984	2.013000
1985	-0.000000
1986	2.536748
1987	0.435000
1988	1.154074
1989	-1.172283
1990	1.156000
1991	2.679856
1992	1.291000
1993	3.443000
1994	0.183148
1995	0.527000
1996	6.359681
1997	-0.000000

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Coordenada y	Valor y
1998	-0.000000
1999	-0.000000
2000	0.041712
2001	-0.000000
2002	-0.000000
2003	2.507777
2004	-0.000000
2005	-1.276000
2006	-0.000000
2007	-0.000000
2008	0.000000
2009	-0.000000
2010	-0.000000
2011	-0.000000
2012	7.442724
2013	5.153846
2014	-0.000000
2015	-0.000000
2016	-0.435000
2017	-2.960467
2018	-0.000000
2019	-2.926537
2020	-0.000000
2021	-0.000000
2022	-11.021466
2023	-0.000000
2024	-42.483054
2025	-0.000000
2026	-0.000000
2027	-0.000000
2028	-0.000000
2029	-42.483054
2030	-0.000000
2031	396.424596
2032	-5.838194
2033	165.834966
2034	255.937044
2035	347.353010
2036	-1.077580
2037	5.111369
2038	6.376103
2039	6.694337
2040	7.940569
2041	254.176356
2042	2.353017
2043	1.091517
2044	2.265974
2045	1.743965
2046	-0.902348
Continua na próxima página	

Coordenada y	Valor y
2047	2.309517
2048	1.309017
2049	2.179052
2050	1.744035
2051	6.618988
2052	7.866101
2053	-1.950733
2054	-0.000000
2055	2.277404
2056	100.000000
2057	2.933736
2058	-0.000000
2059	-1.955824
2060	-12.510889
2061	-12.510889
2062	-12.597255
2063	915.761695
2064	188.169627
2065	-73.530281
2066	39.130425
2067	-9.991620
2068	13.503175
2069	106.356145
2070	9.636199
2071	-10.702183
2072	250.828068
2073	8646.790552
2074	7.742913
2075	1.351969
2076	-11.315420
2077	10.143367
2078	54.422714
2079	2.331267
2080	311.504508
2081	121.869213
2082	490.618851
2083	-0.000000
2084	726.708122
2085	-0.740496
2086	-0.000000
2087	-935.242748
2088	673.066666
2089	3383.652041
2090	-13.365520
2091	120.165836
2092	5.031064
2093	49.835726
2094	-0.751604
2095	-0.000000

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Coordenada y	Valor y
2096	1.696908
2097	-0.000000
2098	-20.508376
2099	6.694337
2100	128.837272
2101	1807.277440
2102	3628.433655
2103	0.890889
2104	5.882704
2105	88.441425
2106	1146.019035
2107	3.601407
2108	-0.902348
2109	-0.000000
2110	1000.632538
2111	290.659092
2112	1808.793421
2113	3630.109685
2114	2.406870
2115	14866.448515
2116	-11.711673
2117	1147.733477
2118	-63.468812
2119	4.945816
2120	-0.000000
2121	-13.365520
2122	298.219755
2123	-13.365520
2124	54.551286
2125	31.436580
2126	1206.200737
2127	-0.000000
2128	-0.000000
2129	-0.000000
2130	-42.483054
2131	-42.483054
2132	-0.433635
2133	1.628781
2134	-4.263897
2135	1.368215
2136	-3.835267
2137	5.098225
2138	-935.242748
2139	-4.065186
2140	5.166446
2141	6.324178
2142	3.952869
2143	5.861854
2144	3.784340

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Coordenada y	Valor y
2145	-12.510889
2146	7.743337
2147	3.717845
2148	10.849692
2149	31.423107
2150	12.334037
2151	32.011621
2152	7.771302
2153	-18.893085
2154	336.035592
2155	-8.969486
2156	-321.003107
2157	-7.445587
2158	-3.768814
2159	-8.472551
2160	-19.969098
2161	-12.335962
2162	9.215431
2163	2.032771
2164	15.622428
2165	51.474878
2166	9.722741
2167	2.355895
2168	16.453388
2169	54.710819
2170	-12.138684
2171	-68.985243
2172	-56.714410
2173	-5.863119
2174	-38.480192
2175	0.665778
2176	-0.125433
2177	-25.998956
2178	-13.365520
2179	39.710227
2180	25.331029
2181	15.769332
2182	2.268624
2183	3.612472
2184	1.865470
2185	-11.223992
2186	-11.223992
2187	7.778399
2188	183.402389
2189	-11.223992
2190	204.648795
2191	-13.170836
2192	6.610450
2193	-10.875355
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Coordenada y	Valor y
2194	6.213388
2195	3655.611411
2196	-9.574125
2197	125.785312
2198	-10.069085
2199	111.858538
2200	4067.398177
2201	7.580022
2202	54.844170
2203	2.396517
2204	-306.841973
2205	-4.961883
2206	-7.179570
2207	25.502055
2208	-509.569921
2209	4.518813
2210	9.824155
2211	-0.000000
2212	2.013000
2213	1.524000
2214	-1.971029
2215	0.435000
2216	1.280390
2217	-0.000000
2218	1.156000
2219	0.436000
2220	0.490000
2221	3.443000
2222	0.435779
2223	0.527000
2224	6.645473
2225	-0.000000
2226	-0.000000
2227	-0.000000
2228	1.289138
2229	-0.000000
2230	-0.000000
2231	1.102000
2232	-2.000000
2233	-1.276000
2234	0.369361
2235	-1.477444
2236	883.352115
2237	9.180952
2238	6.074123
2239	-0.000000
2240	145.019845
2241	676.301633
2242	-15.426276

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Coordenada y	Valor y
2243	-11.866366
2244	-0.435000
2245	-12.552260
2246	-0.000000
2247	-12.128587
2248	-0.000000
2249	-0.000000
2250	-32.997347
2251	-11.866366
2252	98.494053
2253	6363.149042
2254	6337.080653
2255	2123.151484
2256	2115.635078
2257	1347.511147
2258	8892.767858
2259	8892.767858
2260	262.989607
2261	255.662620
2262	4577.625952
2263	4576.109998
2264	3632.729816
2265	3632.729816
2266	3632.729816
2267	3632.729816
2268	3918.790450
2269	3903.417279
2270	98.098859
2271	233.309057
2272	256.554223
2273	100.000000
2274	-0.000000
2275	-0.000000
2276	100.000000
2277	100.000000
2278	-0.000000
2279	100.000000
2280	100.000000
2281	100.000000
2282	-2598.568910
2283	1643.985030
2284	1647.774851
2285	1647.269668
2286	1644.742994
2287	100.000000
2288	133.897952
2289	135.143804
2290	101.259847
2291	99.662601
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Coordenada y	Valor y
2292	95.057034
2293	1209.651999
2294	255.277833
2295	255.277833
2296	100.000000
2297	100.000000
2298	98.522167
2299	758.731242
2300	100.000000
2301	-0.000000
2302	100.000000
2303	107.515379
2304	100.000000
2305	100.000000
2306	976.174470
2307	1253.995089
2308	152.091255
2309	981.743920
2310	1259.312703
2311	1823.475943
2312	2121.138520
2313	100.000000
2314	987.769682
2315	98.494053
2316	-4898.545065
2317	-3001.166692
2318	98.501267
2319	98.503554
2320	98.504187
2321	98.502709
2322	98.501478
2323	98.505278
2324	98.508163
2325	98.507178
2326	98.506615
2327	98.505700
2328	98.500422
2329	98.500493
2330	98.501372
2331	100.855551
2332	99.486397
2333	138.216858
2334	144.435569
2335	98.492646
2336	98.495989
2337	138.559840
2338	145.302955
2339	-15892.472681
2340	100.000000

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Coordenada y	Valor y
2341	100.000000
2342	100.000000
2343	100.000000
2344	1597.995308
2345	1979.425770
2346	100.000000
2347	100.000000
2348	100.000000
2349	1439.501912
2350	1566.909321
2351	100.000000
2352	100.000000
2353	100.000000
2354	2005.220997
2355	278.413155
2356	-0.000000
2357	100.000000
2358	100.000000
2359	100.000000
2360	98.484166
2361	-0.000000
2362	2996.863776
2363	-0.000000
2364	-0.000000
2365	1.200000
2366	995.824924
2367	2.526548
2368	4.843000
2369	4.772000
2370	-0.000000
2371	1.555000
2372	-0.000000
2373	-0.000000
2374	-0.000000
2375	-0.000000
2376	0.035186
2377	-0.000000
2378	-0.000000
2379	-0.000000
2380	-0.000000
2381	-154.235479
2382	-0.000000
2383	-0.000000
2384	-3699.831822
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	-20296.034235
2392	20295.034235

4 Observações

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