

Duración	seguundos	17	Datos	353	Masa	17	
Código	MonteCarlo	Tiempo [s]	X [km]	Y [km]	Z [km]	Ki [km]	Vi [km]
Fast Neutra	0.000	18.000	45.000	0.000	0.000	18.152	41.695
Fast Neutra	0.048	17.870	45.000	0.080	0.000	18.161	41.697
Fast Neutra	0.097	17.880	44.600	0.080	0.000	18.161	41.697
Fast Neutra	0.145	17.850	44.610	-0.110	0.000	18.214	41.692
Fast Neutra	0.193	17.890	44.640	-0.100	0.000	18.230	41.693
Fast Neutra	0.241	17.840	44.640	0.040	0.000	18.176	41.696
Fast Neutra	0.290	18.000	44.620	0.180	0.000	18.121	41.699
Fast Neutra	0.338	18.040	44.610	0.240	0.000	18.097	41.501
Fast Neutra	0.386	18.070	44.600	0.290	0.000	18.099	41.501
Fast Neutra	0.435	18.170	44.560	0.160	0.000	18.129	41.499
Fast Neutra	0.483	18.120	44.640	-0.330	0.000	18.386	41.683
Fast Neutra	0.531	18.420	44.600	-0.810	0.000	18.480	41.477
Fast Neutra	0.580	18.540	44.550	-1.050	0.000	18.556	41.472
Fast Neutra	0.628	18.700	44.330	-1.540	0.000	18.668	41.464
Fast Neutra	0.676	19.120	44.100	-2.000	0.000	18.817	41.457
Fast Neutra	0.724	19.330	44.030	-2.270	0.000	18.880	41.463
Fast Neutra	0.773	19.200	43.900	-2.620	0.000	18.865	41.489
Fast Neutra	0.821	19.790	43.890	-2.880	0.000	19.006	41.447
Fast Neutra	0.869	19.960	43.850	-3.260	0.000	19.073	41.444
Fast Neutra	0.918	19.580	43.800	-4.300	0.000	19.215	41.440
PlanReflection	0.966	19.420	43.750	-5.040	0.000	19.281	41.441
PlanReflection	1.014	19.120	43.660	-6.440	0.000	19.338	41.451
PlanReflection	1.063	19.020	43.610	-7.170	0.000	19.333	41.461
PlanReflection	1.111	18.520	43.550	-8.460	0.000	19.282	41.485
PlanReflection	1.159	18.900	43.620	-9.770	0.000	19.178	41.519
PlanReflection	1.207	18.900	43.660	-10.660	0.000	19.106	41.541
DorsNeutr_1	1.256	18.600	43.610	-12.840	0.000	18.889	41.605
DorsNeutr_1	1.304	18.500	43.600	-13.100	0.000	18.750	41.548
DorsNeutr_1	1.352	18.340	43.610	-14.840	0.000	18.647	41.707
DorsNeutr_1	1.401	17.680	43.750	-17.600	0.000	18.011	41.916
DorsNeutr_1	1.449	17.370	43.900	-19.970	0.000	17.642	42.097
DorsNeutr_1	1.497	16.920	44.010	-25.170	0.000	17.048	42.627
DorsNeutr_1	1.545	16.540	43.930	-29.180	0.000	16.977	43.033
DorsNeutr_1	1.594	17.720	43.810	-44.660	0.000	19.628	45.102
DorsNeutr_1	1.642	18.340	46.060	-53.930	0.000	21.633	46.264
DorsNeutr_1	1.690	18.400	47.140	-57.690	0.000	21.859	46.783
Fast Neutra	1.738	0.000	0.000	0.000	0.000	0.000	41.495
DorsNeutr_1	1.787	17.570	48.730	-68.020	0.000	26.235	47.721
DorsNeutr_1	1.835	17.600	48.850	-72.790	0.000	26.184	47.884
DorsNeutr_1	1.884	17.740	48.170	-74.970	0.000	26.645	48.068
DorsNeutr_1	1.932	17.880	47.860	-77.580	0.000	27.207	48.130
DorsNeutr_1	1.980	17.820	47.110	-81.870	0.000	27.497	48.184
DorsNeutr_1	2.028	17.720	46.400	-83.990	0.000	27.669	48.181
DorsNeutr_1	2.077	17.670	45.660	-88.490	0.000	28.505	48.114
DorsNeutr_1	2.125	18.870	45.900	-93.570	0.000	44.502	48.657
DorsNeutr_1	2.173	19.130	45.770	-94.930	0.000	44.996	48.649
DorsNeutr_1	2.222	19.620	45.200	-94.970	0.000	45.378	48.643
DorsNeutr_1	2.270	20.310	45.020	-95.270	0.000	45.856	48.018
DorsNeutr_1	2.318	20.530	45.000	-95.440	0.000	45.962	48.036
DorsNeutr_1	2.366	21.100	44.970	-95.420	0.000	45.976	48.036
DorsNeutr_1	2.415	21.390	44.920	-95.630	0.000	45.984	48.036
DorsNeutr_1	2.463	21.690	44.860	-95.620	0.000	46.120	48.035
DorsNeutr_1	2.511	21.700	44.860	-96.510	0.000	46.847	48.029
DorsNeutr_1	2.559	21.520	44.810	-97.420	0.000	47.574	48.027
DorsNeutr_1	2.608	20.510	44.450	-101.110	0.000	50.515	48.067
DorsNeutr_1	2.656	19.890	44.280	-103.350	0.000	52.284	48.145
DorsNeutr_1	2.705	17.730	44.300	-102.010	0.000	57.774	48.765
DorsNeutr_1	2.753	15.730	44.210	-114.490	0.000	60.559	49.668
DorsNeutr_1	2.801	13.970	44.480	-119.910	0.000	64.016	51.644
DorsNeutr_1	2.849	8.100	45.740	-128.850	0.000	68.335	57.413
DorsNeutr_1	2.898	4.950	46.090	-131.530	0.000	69.919	60.084
Fast Neutra	2.946	0.000	0.000	0.000	0.000	0.000	41.495
DorsNeutr_2	2.994	-7.910	46.930	-131.970	0.000	6.011	60.712
DorsNeutr_2	3.043	8.840	46.210	-131.620	0.000	3.787	60.182
DorsNeutr_2	3.091	-8.940	45.220	-131.810	0.000	3.933	60.414
DorsNeutr_2	3.139	8.170	44.540	-132.410	0.000	4.366	61.119
DorsNeutr_2	3.188	8.430	44.370	-133.110	0.000	4.970	62.145
DorsNeutr_2	3.236	8.260	44.450	-134.200	0.000	5.598	63.269
DorsNeutr_2	3.284	8.600	44.170	-134.990	0.000	5.875	63.382
DorsNeutr_2	3.332	-9.030	44.260	-134.780	0.000	6.010	64.016
DorsNeutr_2	3.381	-9.980	44.100	-134.540	0.000	5.889	63.715
DorsNeutr_2	3.429	-10.300	44.090	-134.260	0.000	5.641	63.347
DorsNeutr_2	3.477	-10.760	44.120	-133.680	0.000	5.231	62.804
DorsNeutr_2	3.526	-11.040	44.140	-133.170	0.000	5.012	62.219
DorsNeutr_2	3.574	-11.000	44.140	-132.730	0.000	4.562	61.446
DorsNeutr_2	3.622	-11.190	44.130	-132.310	0.000	4.268	60.967
DorsNeutr_2	3.670	-11.290	44.130	-131.970	0.000	3.495	59.590
DorsNeutr_2	3.719	-11.900	44.170	-130.280	0.000	2.858	58.776
DorsNeutr_2	3.767	-12.060	44.170	-129.470	0.000	2.381	57.888
DorsNeutr_2	3.815	-12.280	44.000	-127.710	0.000	1.100	56.422
DorsNeutr_2	3.864	-12.430	43.940	-126.030	0.000	0.370	55.656
DorsNeutr_2	3.912	-12.970	43.740	-121.800	0.000	-1.518	53.937
DorsNeutr_2	3.960	-13.820	43.640	-121.640	0.000	-2.935	52.373
DorsNeutr_2	4.009	-15.520	43.430	-115.400	0.000	-6.367	49.616
DorsNeutr_2	4.057	-18.520	43.130	-105.400	0.000	-9.958	48.825
DorsNeutr_2	4.105	-22.510	42.900	-99.970	0.000	-16.391	48.034
Fast Neutra	4.153	0.000	0.000	0.000	0.000	0.000	41.495
DorsNeutr_2	4.202	-23.090	42.990	-93.710	0.000	-20.417	47.387
DorsNeutr_2	4.250	-22.760	42.910	-86.790	0.000	-21.684	47.166
DorsNeutr_2	4.298	-22.560	42.820	-84.820	0.000	-23.052	46.448
DorsNeutr_2	4.347	-22.630	42.720	-85.660	0.000	-24.938	45.227
DorsNeutr_2	4.395	-22.520	42.630	-82.810	0.000	-24.714	44.846
DorsNeutr_2	4.443	-22.350	42.540	-80.230	0.000	-24.548	44.483
DorsNeutr_2	4.491	-22.170	42.450	-84.860	0.000	-24.503	43.656
DorsNeutr_2	4.540	-21.920	42.360	-82.280	0.000	-24.428	43.414
DorsNeutr_2	4.588	-24.060	42.270	-80.510	0.000	-24.338	43.174
DorsNeutr_2	4.636	-24.470	42.180	-78.660	0.000	-24.261	43.089
DorsNeutr_2	4.685	-24.850	42.090	-82.960	0.000	-24.263	43.007
DorsNeutr_2	4.733	-25.150	42.000	-84.660	0.000	-24.445	42.922
DorsNeutr_2	4.781	-25.630	41.910	-82.060	0.000	-24.209	42.902
DorsNeutr_2	4.830	-26.820	41.820	-77.420	0.000	-24.182	42.812
DorsNeutr_2	4.878	-26.200	41.730	-76.410	0.000	-24.104	42.717
DorsNeutr_2	4.926	-26.280	41.640	-75.480	0.000	-24.040	42.617
DorsNeutr_2	4.974	-26.120	41.550	-74.210	0.000	-23.961	42.487
DorsNeutr_2	5.023	-25.800	41.460	-71.680	0.000	-23.713	42.191
DorsNeutr_2	5.071	-25.440	41.370	-68.840	0.000	-23.515	42.007
DorsNeutr_2	5.119	-24.970	41.280	-65.110	0.000	-23.683	41.613
PlanReflection	5.168	-24.460	41.200	-63.970	0.000	-22.760	41.497
Fast Neutra	5.216	-24.720	42.790	1.890	0.000	-22.232	41.549
PlanReflection	5.264	-25.300	42.950	6.170	0.000	-21.937	41.868
DorsNeutr_2	5.312	-25.480	43.020	13.990	0.000	-21.903	42.288
DorsNeutr_2	5.361	-25.420	43.090	24.690	0.000	-22.207	42.459
DorsNeutr_2	5.409	-25.170	42.940	29.280	0.000	-22.662	42.612
DorsNeutr_2	5.457	-24.920	42.880	37.650	0.000	-23.667	42.525
DorsNeutr_2	5.506	-23.920	42.800	41.260	0.000	-23.959	42.435
DorsNeutr_2	5.554	-23.570	42.780	47.540	0.000	-23.864	42.609
DorsNeutr_2	5.602	-23.600	42.760	50.270	0.000	-24.667	42.804
DorsNeutr_2	5.651	-23.240	42.650	56.770	0.000	-24.455	42.744
DorsNeutr_2	5.699	-22.270	42.600	65.900	0.000	-24.993	42.863
DorsNeutr_2	5.747	-22.010	42.600	69.010	0.000	-24.479	42.998
DorsNeutr_2	5.796	-22.600	42.500	72.060	0.000	-24.240	42.908
DorsNeutr_2	5.844	-21.440	42.410	74.070	0.000	-23.841	42.713
DorsNeutr_2	5.892	-21.940	42.450	75.450	0.000	-23.876	42.702
DorsNeutr_2	5.940	-24.090	42.720	76.410	0.000	-23.738	42.999
DorsNeutr_2	5.989	-25.020	42.690	76.650	0.000	-23.701	42.998
DorsNeutr_2	6.037	-25.640	42.600	76.770	0.000	-23.682	42.998
DorsNeutr_2	6.085	-25.830	42.680	76.830	0.000	-23.613	42.998
DorsNeutr_2	6.134	-25.870	42.560	77.540	0.000	-23.556	42.996
DorsNeutr_2	6.182	-25.900	42.550	78.650	0.000	-23.488	42.995
DorsNeutr_2	6.230	-25.720	42.540	78.940	0.000	-23.302	42.994
DorsNeutr_2	6.278	-25.260	42.530	80.840	0.000	-22.904	42.998
DorsNeutr_2	6.327	-24.850	42.460	82.450	0.000	-22.515	42.711
DorsNeutr_2	6.375	-23.720	42.460	85.530	0.000	-21.299	42.703
DorsNeutr_2	6.423	-22.680	42.360	89.550	0.000	-20.246	42.744
DorsNeutr_2	6.472	-20.400	42.680	95.350	0.000	-17.343	42.982
DorsNeutr_2	6.520	-18.130	42.240	100.490	0.000	-14.017	42.978
DorsNeutr_2	6.568	-14.950	42.480	108.330	0.000	-7.072	

DorsReion_2	8,162	14,640	47,530	49,330	13,957	46,227
DorsReion_2	8,238	14,560	46,980	41,210	13,862	45,990
DorsReion_1	8,259	13,170	48,260	37,600	13,787	45,019
DorsReion_1	8,307	12,860	47,920	34,770	13,718	44,682
DorsReion_1	8,355	12,110	46,780	27,980	13,527	43,853
DorsReion_1	8,403	11,900	46,260	24,740	13,429	43,664
DorsReion_1	8,452	11,370	44,710	17,650	13,214	42,977
DorsReion_1	8,500	11,200	44,840	14,500	13,123	42,370
PlantReion	8,548	11,480	45,310	10,570	13,015	42,019
PlantReion	8,597	11,640	44,800	5,630	12,894	41,716
Face Neutra	8,645	12,280	44,660	4,360	12,867	41,652
Face Neutra	8,693	12,840	44,420	2,740	12,833	41,582
Face Neutra	8,741	13,120	44,120	2,440	12,827	41,571
Face Neutra	8,790	13,460	44,290	2,210	12,833	41,563
Face Neutra	8,838	14,100	44,140	1,660	12,812	41,543
Face Neutra	8,886	14,230	44,040	1,350	12,803	41,527
Face Neutra	8,935	14,500	43,800	0,000	12,781	41,494
Face Neutra	8,983	14,500	43,790	1,020	12,765	41,473
Face Neutra	9,031	14,390	43,580	2,260	12,746	41,464
PlantReion	9,080	14,390	43,290	5,520	12,702	41,463
PlantReion	9,128	13,770	43,090	7,440	12,682	41,465
DorsReion_1	9,176	13,200	42,900	12,840	12,668	41,455
DorsReion_1	9,224	12,900	43,020	17,020	12,646	41,475
DorsReion_1	9,272	12,740	42,810	27,710	12,730	42,862
DorsReion_1	9,321	13,120	42,820	33,710	12,830	43,508
DorsReion_2	9,369	13,530	43,080	39,670	12,959	44,405
DorsReion_2	9,418	13,410	44,010	41,500	12,966	46,024
DorsReion_2	9,466	13,130	45,910	56,740	13,415	46,675
DorsReion_2	9,514	12,080	47,690	66,300	13,646	47,598
DorsReion_2	9,562	11,660	48,060	76,140	13,714	47,852
DorsReion_2	9,611	11,390	48,000	73,950	13,761	48,032
DorsReion_2	9,659	11,360	47,130	80,660	13,776	48,178
DorsReion_2	9,707	11,250	47,050	84,410	13,736	48,178
DorsReion_2	9,756	11,120	45,940	90,840	13,568	48,008
DorsReion_2	9,804	10,900	45,280	94,220	13,420	48,049
DorsReion_2	9,852	10,820	45,040	97,270	13,345	48,027
DorsReion_2	9,901	10,710	45,090	102,510	13,241	48,110
DorsReion_2	9,949	12,350	44,960	105,410	12,758	48,148
DorsReion_2	9,997	13,170	44,900	104,290	12,672	48,194
DorsReion_2	10,045	13,560	44,880	106,290	12,642	48,212
DorsReion_2	10,094	13,940	44,890	104,700	12,631	48,218
DorsReion_2	10,142	14,850	44,850	104,950	12,605	48,254
DorsReion_2	10,190	15,150	44,800	105,240	12,575	48,254
DorsReion_2	10,239	15,220	44,770	106,330	12,656	48,318
DorsReion_2	10,287	15,210	44,740	107,080	12,711	48,406
DorsReion_2	10,335	15,040	44,720	108,100	12,749	48,514
DorsReion_2	10,384	14,240	44,700	111,500	12,795	49,012
DorsReion_2	10,432	13,770	44,680	113,740	13,453	49,481
DorsReion_2	10,480	12,200	44,690	117,560	10,787	50,607
DorsReion_2	10,528	11,190	45,130	119,980	10,807	51,976
DorsReion_2	10,577	9,900	45,110	122,640	9,724	52,913
DorsReion_2	10,625	6,000	45,620	129,500	7,937	56,016
DorsReion_2	10,673	3,160	46,210	132,950	6,850	61,708
DorsReion_2	10,722	-4,390	46,510	136,960	5,488	67,188
DorsReion_2	10,770	-8,410	46,840	137,170	5,369	67,510
Face Neutra	10,818	0,000	0,000	0,000	0	61,495
DorsReion_2	10,866	-14,090	47,020	134,490	9,210	63,649
DorsReion_2	10,915	-15,480	46,620	133,270	8,851	62,096
DorsReion_2	10,963	-17,180	45,710	131,310	8,267	59,845
DorsReion_2	11,011	-17,160	45,190	131,290	8,243	59,824
DorsReion_2	11,060	-16,420	44,450	131,610	8,355	60,171
DorsReion_2	11,108	-16,340	44,310	132,490	8,538	62,096
DorsReion_2	11,156	-16,190	44,210	132,760	8,637	61,482
DorsReion_2	11,205	-16,340	44,140	132,850	8,724	61,989
DorsReion_2	11,253	-16,460	44,110	132,470	8,710	61,613
DorsReion_2	11,301	-16,530	44,110	132,860	8,727	61,901
DorsReion_2	11,349	-16,760	44,120	132,550	8,634	61,315
DorsReion_2	11,398	-16,870	44,160	132,250	8,544	60,888
DorsReion_2	11,446	-17,070	44,180	131,570	8,343	60,127
DorsReion_2	11,494	-17,200	44,170	131,190	8,142	59,117
DorsReion_2	11,543	-17,220	44,020	129,260	7,683	57,790
DorsReion_2	11,591	-16,860	44,190	128,620	7,536	57,207
DorsReion_2	11,639	-18,060	44,180	126,810	7,020	55,695
DorsReion_2	11,688	-18,110	44,130	125,780	6,753	54,022
DorsReion_2	11,736	-18,230	43,800	122,900	6,017	51,600
DorsReion_2	11,784	-18,600	43,580	120,900	5,567	52,003
DorsReion_2	11,832	-19,390	43,440	118,260	4,980	50,885
DorsReion_2	11,881	-22,130	42,970	111,250	3,587	48,967
DorsReion_2	11,929	-24,260	42,690	106,090	2,698	48,318
DorsReion_2	11,977	-27,890	43,090	95,640	1,188	46,814
DorsReion_2	12,026	-28,130	43,550	85,320	4,74	48,118
DorsReion_2	12,074	-28,740	44,100	84,880	6,211	48,179
DorsReion_2	12,122	-30,010	46,470	-73,730	-9,99	48,023
DorsReion_2	12,170	-30,030	47,310	69,470	13,200	47,813
DorsReion_2	12,219	-29,970	48,400	60,310	19,00	47,114
DorsReion_2	12,267	-30,060	48,470	57,490	20,99	46,761
DorsReion_2	12,315	-30,240	48,370	54,110	22,81	46,361
DorsReion_2	12,364	-30,610	47,900	47,650	26,27	45,515
DorsReion_2	12,412	-30,880	47,510	44,310	27,86	45,056
DorsReion_1	12,460	-31,190	46,170	37,890	30,64	44,538
DorsReion_1	12,509	-31,300	45,260	34,510	31,86	43,756
DorsReion_1	12,557	-31,980	45,540	31,480	33,14	43,213
DorsReion_1	12,605	-33,630	45,090	27,370	34,52	42,824
DorsReion_1	12,653	-34,650	44,960	26,420	34,81	42,718
DorsReion_1	12,702	-35,380	44,860	24,970	35,10	42,616
DorsReion_1	12,750	-35,860	44,820	25,950	35,22	42,572
DorsReion_1	12,798	-36,260	44,770	24,870	35,28	42,564
DorsReion_1	12,847	-37,080	44,670	24,210	35,47	42,486
DorsReion_1	12,895	-37,370	44,600	23,680	35,62	42,433
DorsReion_1	12,943	-37,630	44,460	22,180	36,02	42,290
DorsReion_1	12,991	-37,650	44,400	21,410	36,22	42,221
DorsReion_1	13,040	-37,610	44,370	20,890	36,46	42,141
DorsReion_1	13,088	-37,570	44,310	19,210	36,75	42,036
DorsReion_1	13,136	-37,320	44,180	17,690	37,09	41,922
PlantReion	13,185	-37,400	43,140	16,480	38,26	41,541
PlantReion	13,233	-37,160	42,960	7,500	38,52	41,466
PlantReion	13,281	-36,600	42,890	3,810	38,63	41,441
PlantReion	13,330	-35,500	43,140	7,080	37,38	41,799
DorsReion_1	13,378	-34,760	43,670	13,310	35,43	42,248
DorsReion_1	13,426	-34,040	44,470	19,390	36,64	43,006
DorsReion_1	13,474	-28,300	45,550	27,440	26,13	43,738
DorsReion_1	13,523	-25,300	47,500	30,630	22,96	44,377
DorsReion_1	13,571	-19,570	48,530	34,520	18,46	44,652
DorsReion_1	13,619	-16,760	48,550	35,850	16,75	44,812
DorsReion_1	13,668	-11,770	48,210	37,690	13,81	45,064
DorsReion_1	13,716	-8,350	48,030	38,750	12,70	45,152
DorsReion_2	13,764	-5,120	47,940	40,510	10,02	45,352
DorsReion_2	13,813	-3,900	46,620	40,840	-9,50	45,389
DorsReion_2	13,861	-3,330	45,910	41,510	-9,01	45,423
DorsReion_2	13,909	-2,220	45,480	42,860	-4,27	45,607
DorsReion_2	13,957	-2,020	45,480	43,510	-5,05	45,676
DorsReion_2	14,006	-1,480	45,140	43,370	-5,29	45,663
DorsReion_2	14,054	-1,190	45,010	43,390	-5,26	45,663
DorsReion_2	14,102	-0,760	44,910	43,320	-5,38	45,656
DorsReion_2	14,151	-0,100	44,750	43,280	-5,45	45,652
DorsReion_2	14,199	0,310	44,660	43,210	-6,41	45,644
DorsReion_2	14,247	1,070	44,490	42,320	-8,345	45,593
DorsReion_2	14,295	1,490	44,410	42,360	-9,129	45,554
DorsReion_2	14,344	1,870	44,330	41,960	-9,991	45,514
DorsReion_2	14,392	2,330	44,190	41,290	-9,564	45,388
DorsReion_2	14,440	2,830	44,130	40,960	-9,688	45,302
DorsReion_2	14,488	3,460	43,980	40,630	-9,287	45,208
DorsReion_2	14,537	3,730	43,910	39,470	-1,558	45,235
DorsReion_2	14,585	3,930	43,850	38,900	-1,882	45,170
DorsReion_2	14,634	4,170	43,790	37,540	-2,666	45,012
DorsReion_2	14,682	4,370	43,700	36,720	-3,101	44,915
DorsReion_1	14,730	5,120	43,450	34,240	-4,451	44,818
DorsReion_1	14,778	5,790	43,370	32,410	-5,427	44,695
DorsReion_1	14,827	6,770	43,440	30,250	-6,559	44,511
DorsReion_1	14,875	7,490	43,490	28,840	-8,064	44,289
DorsReion_1	14,923	12,560	43,960	18,840	-12,073	42,800
PlantReion	14,972	15,190	44,650	10,930	-15,814	42,267
PlantReion	15,020	15,920	45,150	7,030	-19,590	41,796
PlantReion	15,068	15,890	46,040	4,130	-16,329	41,641
Face Neutra	15,116	15,220	46,000	-0,210	-16,445	41,490
Face Neutra	15,165	14,910	47,030	2,350	-15,856	41,452
PlantReion	15,213	13,500	47,520	5,440	-14,810	41,443
PlantReion	15,261	13,220	47,540	6,340	-14,385	41,450
PlantReion	15,310	13,030	47,350	-6,330	-14,075	41,467
PlantReion	15,358	12,870	46,960	-7,120	-13,970	41,460
PlantReion	15,406	12,840	46,350	-7,390	-13,873	41,463
PlantReion	15,455	12,900	45,700	-7,340	-13,844	41,463
PlantReion	15,503	13,140	45,360	-7,320	-13,856	41,463
PlantReion	15,551	13,430	45,040	-7,400	-13,809	41,464
PlantReion	15,599	14,060	44,740	-7,260	-13,800	41,462
PlantReion	15,64					

Id	Error Abs. X	Error Abs. Y	Error N. X	Error N. Y	Velocidad [cm/ Actuación]	Angulo [°]	Angulo [°]	Fuerza [N]	Torque [Nm]	Frecuencia [Hz]
0.192	3.905	1.0676	7.9891	0.000	0.000	0.000	0.000	166.770	0.000	0.000
0.291	3.103	1.6286	6.1678	0.000	0.103	0.110	166.770	0.133	0.059	
0.374	1.188	2.0994	7.0151	0.000	0.141	0.151	166.770	0.183	0.059	
0.340	3.147	1.9024	7.0518	0.006	0.000	-0.128	166.770	-0.167	0.059	
0.216	3.144	1.1388	7.0431	0.002	0.000	0.051	0.055	166.770	0.067	0.059
0.121	3.121	1.6278	6.1678	0.000	0.000	0.311	0.311	166.770	0.300	0.059
0.057	1.109	0.3156	6.5691	0.014	0.001	0.308	0.331	166.770	0.400	0.059
0.033	3.099	0.4876	6.5691	0.000	0.000	0.310	0.310	166.770	0.317	0.059
0.041	3.061	0.2521	6.6691	0.009	0.001	0.206	0.221	166.770	0.267	0.059
0.066	2.997	0.3006	6.6548	0.011	0.002	-0.043	-0.712	166.770	-0.044	0.059
0.060	2.923	0.3226	6.6181	0.003	0.015	-1.045	-1.119	166.770	-1.115	0.059
0.015	2.878	0.0856	6.4993	0.002	0.004	-1.356	-1.450	166.771	-1.375	0.059
0.002	2.765	0.4899	6.5491	0.001	0.005	-1.994	-2.127	166.771	-2.168	0.059
0.303	2.643	1.5838	5.9891	0.118	0.007	-2.597	-2.762	166.771	-3.335	0.059
0.450	2.577	2.3288	5.8521	0.134	0.008	-2.951	-3.134	166.771	-3.786	0.059
0.245	2.474	3.2796	5.6978	0.192	0.011	-3.552	-3.898	166.772	-4.637	0.059
0.784	2.443	3.9624	5.5661	0.169	0.010	-3.754	-3.975	166.772	-4.803	0.059
0.365	2.360	1.8676	5.3881	0.253	0.015	-5.607	-5.924	166.773	-7.171	0.059
0.139	2.309	0.7276	5.2778	0.296	0.017	-6.572	-6.994	166.773	-8.406	0.059
0.216	2.209	1.1126	5.0991	0.329	0.022	-8.291	-8.811	166.774	-10.760	0.059
0.313	2.149	1.6488	4.9291	0.422	0.025	-9.337	-9.811	166.774	-11.958	0.059
0.362	2.065	1.9116	4.7421	0.498	0.029	-10.993	-11.526	166.775	-14.109	0.059
0.278	2.101	1.4704	4.8178	0.575	0.034	-12.825	-13.242	166.776	-16.294	0.059
0.206	2.119	1.0891	4.8541	0.615	0.036	-13.473	-14.133	166.776	-17.445	0.059
0.239	2.005	1.2491	4.9391	0.715	0.042	-15.360	-16.292	166.777	-20.262	0.059
0.250	1.952	1.3541	4.4771	0.771	0.045	-16.723	-17.461	166.778	-21.848	0.059
0.227	1.963	1.2391	4.5661	0.819	0.049	-18.107	-18.856	166.778	-23.783	0.059
0.133	1.834	1.8821	4.1931	1.035	0.061	-21.914	-22.777	166.780	-29.353	0.059
0.272	1.801	1.5808	4.1801	1.175	0.069	-24.461	-25.379	166.782	-33.306	0.059
0.128	1.883	0.7526	4.1431	1.504	0.088	-30.137	-30.958	166.785	-42.449	0.059
0.037	0.897	0.2191	2.0421	1.715	0.101	-33.504	-34.141	166.787	-48.668	0.059
1.818	1.781	10.8101	2.627	1.155	0.155	-45.550	-46.129	166.786	-74.491	0.059
3.293	0.204	17.9548	0.4428	1.137	0.185	-49.184	-49.658	166.801	-88.955	0.059
3.459	0.357	18.0011	0.7571	3.394	0.200	-50.747	-50.960	166.804	-96.229	0.059
0.013	18.495	0.0001	0.0000	0.0000	0.000	0.000	0.000	166.770	0.000	0.059
8.665	1.009	49.3191	2.7071	4.011	0.235	-54.382	-54.847	166.810	-113.464	0.059
11.594	0.246	16.8191	0.8191	0.308	0.248	-56.941	-57.249	166.811	-120.399	0.059
12.905	0.102	72.7491	0.2121	4.410	0.259	-57.278	-57.334	166.814	-125.061	0.059
19.327	0.770	80.1291	0.5641	4.945	0.267	-58.223	-58.079	166.815	-128.882	0.059
17.477	1.074	99.3201	5.0991	4.818	0.281	-60.283	-60.512	166.818	-134.174	0.059
19.349	1.781	109.1931	3.3881	4.941	0.291	-61.082	-60.159	166.819	-140.132	0.059
15.213	2.474	119.2091	5.0991	5.111	0.302	-62.707	-61.456	166.821	-146.431	0.059
25.632	2.757	135.8161	6.0861	5.504	0.324	-64.167	-62.815	166.825	-156.098	0.059
25.866	2.779	135.2091	6.1391	5.541	0.326	-64.330	-62.973	166.825	-157.133	0.059
25.868	2.841	135.8161	6.1541	5.609	0.328	-64.478	-63.028	166.824	-157.044	0.059
25.146	3.018	125.7831	6.7031	5.604	0.330	-64.470	-63.242	166.826	-158.953	0.059
25.462	3.086	126.1411	6.7561	5.614	0.332	-64.756	-63.283	166.828	-159.219	0.059
24.676	3.056	117.8071	6.8181	5.613	0.330	-64.766	-63.278	166.826	-159.185	0.059
24.934	3.116	114.8081	6.9371	5.614	0.330	-64.793	-63.281	166.826	-159.202	0.059
24.430	3.175	112.8371	7.0771	5.624	0.331	-64.862	-63.313	166.828	-159.486	0.059
25.147	3.169	115.8831	7.0641	5.677	0.334	-65.070	-63.542	166.827	-161.005	0.059
26.564	3.217	117.7971	7.2641	5.717	0.337	-65.299	-63.767	166.827	-162.523	0.059
30.005	3.617	146.2941	8.1371	5.948	0.350	-66.269	-64.514	166.829	-168.681	0.059
32.394	3.865	162.8681	8.7291	6.079	0.358	-66.807	-65.022	166.831	-172.420	0.059
39.644	4.665	165.8771	9.6711	6.881	0.386	-68.156	-66.094	166.831	-181.555	0.059
44.829	5.458	284.9921	12.3461	6.735	0.396	-68.886	-66.548	166.837	-191.012	0.059
50.346	7.084	300.9491	13.6641	6.954	0.415	-69.648	-67.079	166.841	-200.058	0.059
60.215	11.673	341.6111	25.5211	7.579	0.446	-70.456	-67.983	166.846	-214.981	0.059
64.241	13.994	1297.7891	28.8801	7.737	0.455	-70.656	-67.949	166.847	-219.004	0.059
0.000	0.446	0.0001	0.0000	0.000	0.000	0.000	0.000	166.770	0.000	0.059
11.941	1.841	150.9561	29.0661	7.703	0.457	-70.424	-67.346	166.848	-220.189	0.059
12.637	1.932	149.8101	31.4011	7.742	0.459	-70.655	-67.428	166.848	-219.005	0.059
12.873	1.914	141.9931	31.6051	7.755	0.466	-71.067	-67.179	166.848	-219.953	0.059
12.736	1.659	152.1831	31.2221	7.791	0.468	-71.413	-67.229	166.848	-220.990	0.059
13.600	1.757	157.8971	32.0271	7.842	0.463	-71.513	-67.048	166.848	-222.424	0.059
13.858	1.819	167.7741	42.1371	7.894	0.464	-71.574	-67.178	166.849	-223.911	0.059
14.475	1.943	179.9281	46.6811	7.937	0.466	-71.544	-67.044	166.849	-224.562	0.059
15.040	1.976	186.5521	44.6811	7.928	0.466	-71.420	-67.187	166.849	-224.879	0.059
15.819	1.9845	198.5091	44.4791	7.934	0.466	-71.652	-67.469	166.849	-224.979	0.059
15.941	1.927	208.7661	44.865	7.988	0.465	-71.820	-67.411	166.849	-224.011	0.059
15.991	1.844	148.6111	41.8951	7.864	0.463	-71.735	-67.406	166.849	-223.043	0.059
15.822	1.879	149.9651	41.945	7.861	0.461	-71.588	-67.400	166.849	-222.516	0.059
15.562	1.736	141.4751	39.2081	7.808	0.459	-71.605	-67.159	166.848	-221.457	0.059
15.458	1.627	138.1421	38.1111	7.783	0.458	-71.555	-67.264	166.848	-220.766	0.059
15.335	1.670	130.0891	37.0091	7.710	0.454	-71.396	-67.052	166.847	-218.885	0.059
14.758	1.606	124.0171	31.0691	7.664	0.451	-71.271	-67.217	166.847	-217.368	0.059
14.641	1.588	122.8681	31.1611	7.648	0.448	-71.162	-67.073	166.846	-216.068	0.059
13.380	1.422	108.9561	28.2311	7.512	0.442	-70.990	-66.164	166.845	-213.078	0.059
12.800	1.656	102.9751	26.4951	7.449	0.438	-70.861	-66.312	166.844	-211.275	0.059
11.452	1.857	88.8641	22.1341	7.282	0.428	-70.541	-66.141	166.841	-206.511	0.059
10.885	1.731	78.7681	20.0111	7.155	0.421	-70.264	-66.205	166.842	-202.946	0.059
10.613	1.486	68.5881	18.1881	6.988	0.399	-69.177	-64.609	166.838	-192.511	0.059
8.562	1.695	462.8301	13.2041	6.494	0.382	-68.461	-64.142	166.835	-184.186	0.059
6.139	1.134	27.2501	11.9671	5.828	0.343	-66.586	-64.114	166.828	-165.277	0.059
22.208	0.446	0.0001	0.0000	0.000	0.000	0.000	0.000	166.770	0.000	0.059
2.673	1.903	11.7571	3.8611	3.240	0.232	-52.272	-53.338	166.807	-106.273	0.059
1.276	1.038	0.9751	3.7321	0.210	0.200	-50.982	-52.260	166.808	-101.301	0.059
0.492	1.972	2.1801	4.0731	3.225	0.148	-48.547	-49.756	166.802	-91.441	0.059
1.688	2.043	7.6591	4.3211	2.680	0.158	-49.945	-49.210	166.797	-79.993	0.059
1.554	1.684	8.6576	3.6181	2.519	0.148	-49.129	-49.483	166.795	-71.438	0.059
2.188	1.157	9.7881	2.9351	2.366	0.139	-41.395	-41.216	166.794	-67.011	0.059
1.833	1.754	8.0051	2.622	2.119	0.119	-37.111	-36.262	166.792	-57.342	0.059
1.908	1.716	5.6591	3.8021	1.899	0.112	-35.575	-36.432	166.789	-53.899	0.059
0.278	1.566	1.1571	3.5011	1.785	0.105	-34.152	-35.106	166.788	-50.620	0.059
0.169	1.501	1.0891	3.1601	1.744	0.103	-34.832	-34.832	166.786	-49.462	0.059
0.587	1.433	2.3441	3.2251	1.704	0.100	-33.091	-33.956	166.787	-48.102	0.059
0.065	1.438	0.8891	3.0461	0.999	0.099	-32.886	-33.261	166.787	-47.801	0.059
1.421	1.428	5.5441	3.2211	1.651	0.097	-32.333	-31.187	166.787	-46.800	0.059
1.618	1.418	6.3441	3.2091	1.625	0.096	-31.960	-32.804	166.786	-46.066	0.059
2.096	1.393									

0.683	1.303	4.6224	2.7426	2.902	0.171	46.065	46.860	166.790	82.282	0.059
0.802	3.0953	2.2996	2.8236	2.624	0.142	46.834	48.232	166.798	86.796	0.059
0.617	3.241	4.6848	6.7168	2.212	0.130	37.833	39.889	166.792	62.714	0.059
0.858	3.238	6.6888	6.7578	2.045	0.220	35.964	37.889	166.790	57.893	0.059
1.417	2.227	11.7078	6.2569	1.646	0.097	39.884	32.059	166.786	46.627	0.059
1.529	2.796	12.8136	6.0493	1.455	0.086	28.138	29.649	166.785	41.262	0.059
1.844	2.031	16.8126	5.8208	1.051	0.078	21.443	22.469	166.780	29.437	0.059
1.923	2.470	17.1678	5.5079	0.833	0.060	17.920	18.882	166.779	24.183	0.059
1.535	3.271	13.1728	7.2199	0.622	0.027	13.111	14.114	166.778	17.628	0.059
1.254	3.084	8.8177	6.4883	0.811	0.019	7.813	7.688	166.777	9.388	0.059
0.587	3.008	47.7778	6.7355	0.256	0.015	5.576	5.976	166.771	7.271	0.059
0.007	2.888	0.9084	5.5565	0.355	0.009	3.580	3.770	166.773	4.730	0.059
0.293	2.749	2.2126	6.2038	0.144	0.008	1.151	1.359	166.771	4.009	0.059
0.637	2.727	4.7126	6.1378	0.331	0.008	2.882	3.071	166.771	3.719	0.059
1.288	2.597	9.1148	5.8818	0.098	0.005	2.114	2.281	166.771	2.148	0.059
1.447	2.533	10.1588	5.7078	0.068	0.004	1.496	1.586	166.771	1.918	0.059
1.659	2.485	11.5478	5.5095	0.062	0.003	1.051	1.081	166.770	1.350	0.059
1.735	2.317	11.9668	5.2928	0.060	0.004	1.134	1.409	166.771	1.701	0.059
1.644	2.126	11.6288	4.7798	0.133	0.008	-2.969	-3.121	166.771	-3.769	0.059
1.538	1.847	9.2698	4.8328	0.325	0.019	-7.280	-7.660	166.772	-9.233	0.059
1.088	1.625	7.8898	3.7718	0.438	0.026	-9.796	-10.172	166.774	-12.408	0.059
0.232	1.285	2.8596	3.0268	0.770	0.046	-12.118	-12.683	166.778	-22.083	0.059
0.254	1.145	1.9678	2.6618	1.001	0.069	-21.185	-22.119	166.780	-28.386	0.059
0.010	0.052	0.0276	0.1228	1.630	0.096	-32.914	-33.882	166.803	-46.216	0.059
0.400	0.778	3.0276	1.9488	1.983	0.117	-38.212	-37.711	166.790	-56.225	0.059
0.571	1.325	4.2126	3.0768	2.334	0.137	-42.640	-41.777	166.793	-66.167	0.059
0.144	1.094	1.0778	2.9158	3.018	0.178	-48.800	-48.116	166.800	-55.168	0.059
0.285	0.765	2.1738	1.6668	3.338	0.196	-51.023	-50.559	166.803	-84.444	0.059
1.566	0.092	12.8648	0.1928	3.900	0.229	-54.772	-54.125	166.809	-110.104	0.059
2.654	0.260	17.0208	0.0668	4.350	0.256	-57.013	-56.996	166.814	-123.159	0.059
2.446	0.884	21.8938	1.9178	4.245	0.279	-59.602	-59.310	166.822	-134.555	0.059
2.486	1.128	22.0958	2.1988	4.968	0.292	-60.476	-60.296	166.820	-140.879	0.059
2.448	1.258	22.0178	4.0978	5.344	0.314	-63.175	-62.900	166.823	-153.542	0.059
2.502	2.269	23.1188	6.1858	5.542	0.326	-64.431	-64.260	166.823	-157.183	0.059
2.425	2.987	23.2138	6.6328	5.722	0.337	-65.154	-63.722	166.827	-162.273	0.059
1.112	3.020	9.6568	6.9088	6.000	0.355	-66.257	-64.888	166.830	-171.018	0.059
0.408	3.188	3.3078	7.0918	6.083	0.358	-66.502	-65.013	166.831	-172.520	0.059
0.408	3.294	3.7788	7.1398	6.135	0.361	-66.707	-65.138	166.831	-173.988	0.059
0.918	3.332	4.8298	7.4298	6.152	0.362	-66.796	-65.216	166.832	-174.489	0.059
1.309	3.328	9.3918	7.4148	6.158	0.362	-66.793	-65.212	166.832	-174.673	0.059
2.245	3.284	18.1378	7.4568	6.154	0.362	-66.801	-65.217	166.832	-174.980	0.059
2.575	3.454	16.9988	7.7108	6.191	0.364	-66.941	-65.368	166.832	-175.574	0.059
2.294	3.568	18.1198	7.9708	6.255	0.368	-67.167	-65.513	166.833	-177.393	0.059
2.439	3.665	18.1858	8.1858	6.209	0.371	-67.314	-65.674	166.833	-178.145	0.059
2.791	3.794	18.5798	8.4838	6.359	0.374	-67.526	-65.830	166.834	-180.347	0.059
2.445	4.112	1.0778	9.1518	6.519	0.388	-68.114	-66.211	166.838	-188.023	0.059
2.317	4.801	16.8258	10.7468	6.691	0.394	-68.554	-66.489	166.837	-189.760	0.059
1.413	5.717	11.8118	12.7836	6.915	0.407	-69.101	-66.709	166.839	-196.116	0.059
0.883	6.445	14.2818	14.2818	7.068	0.414	-69.386	-66.796	166.841	-200.375	0.059
0.176	7.463	1.7628	16.7798	7.214	0.427	-69.723	-66.862	166.842	-204.615	0.059
1.027	8.286	21.7298	18.2868	7.448	0.448	-70.215	-67.048	166.844	-210.066	0.059
1.690	15.408	116.7608	31.1398	7.821	0.470	-70.834	-67.102	166.848	-221.825	0.059
10.028	20.674	218.8508	44.4558	8.056	0.474	-71.243	-67.160	166.851	-228.519	0.059
13.759	29.620	183.7178	44.1278	8.069	0.475	-71.146	-67.195	166.851	-228.809	0.059
0.000	44.495	0.0000	0.0000	0.000	0.000	0.000	0.000	166.770	0.000	0.000
106.773	16.529	764.9598	39.3958	7.911	0.465	-70.730	-64.614	166.848	-214.395	0.059
103.994	15.476	671.7968	33.1968	7.839	0.461	-70.719	-65.017	166.848	-222.359	0.059
99.852	14.135	581.2008	30.3248	7.724	0.454	-70.807	-65.469	166.847	-219.087	0.059
99.772	14.224	582.4298	30.4478	7.723	0.454	-70.802	-65.463	166.847	-219.054	0.059
99.969	15.721	638.8258	35.3888	7.742	0.455	-71.138	-65.430	166.847	-219.588	0.059
102.158	16.786	686.1888	38.8828	7.808	0.458	-71.500	-65.214	166.848	-220.977	0.059
101.159	17.272	637.1768	39.0688	7.809	0.459	-71.582	-65.111	166.848	-221.508	0.059
103.880	17.449	633.9008	39.5318	7.815	0.460	-71.621	-65.128	166.848	-221.688	0.059
103.791	17.503	631.8008	39.1778	7.816	0.460	-71.615	-65.113	166.848	-221.691	0.059
103.800	17.491	627.9518	39.6528	7.815	0.460	-71.614	-65.125	166.848	-221.674	0.059
103.118	17.115	646.1278	37.7178	7.717	0.459	-71.900	-64.264	166.848	-211.151	0.059
102.111	16.728	666.4698	37.8818	7.779	0.458	-71.935	-64.279	166.848	-220.656	0.059
100.502	15.647	686.7138	36.0968	7.719	0.455	-71.418	-64.440	166.847	-219.121	0.059
99.122	15.647	693.6388	35.1988	7.717	0.454	-71.402	-64.452	166.847	-218.887	0.059
94.533	13.770	533.0918	31.2428	7.604	0.447	-71.104	-64.511	166.845	-215.665	0.059
92.445	13.077	484.9378	28.6468	7.466	0.445	-71.665	-64.622	166.846	-214.937	0.059
88.264	11.515	488.7268	26.0648	7.459	0.439	-70.792	-64.289	166.845	-211.576	0.059
85.636	10.792	472.8698	24.4548	7.399	0.435	-70.667	-64.612	166.844	-209.856	0.059
78.600	9.260	413.7918	21.4428	7.229	0.425	-70.385	-64.648	166.842	-205.049	0.059
74.274	8.423	399.3218	19.3388	7.132	0.418	-70.178	-64.626	166.841	-201.711	0.059
69.911	7.521	381.8198	17.6568	7.056	0.409	-69.973	-64.617	166.840	-197.204	0.059
57.995	5.997	262.0658	11.9568	6.544	0.385	-68.881	-64.243	166.835	-185.604	0.059
51.243	5.028	211.2238	11.1848	6.241	0.367	-68.080	-64.513	166.832	-176.992	0.059
39.833	5.904	142.8698	6.6668	5.811	0.326	-67.876	-64.611	166.830	-168.553	0.059
33.875	4.568	116.2898	10.4908	5.266	0.310	-64.058	-61.741	166.823	-149.340	0.059
29.833	3.968	73.7238	6.5688	4.568	0.287	-62.267	-60.246	166.823	-140.596	0.059
20.023	1.553	66.7118	3.4338	4.337	0.255	-57.778	-56.022	166.813	-122.991	0.059
16.625	0.901	56.6078	1.0668	4.086	0.240	-55.745	-54.462	166.811	-115.884	0.059
15.079	1.286	26.6678	2.6668	3.577	0.210	-51.483	-52.212	166.800	-91.415	0.059
9.067	1.709	30.1838	3.2778	3.382	0.199	-49.866	-50.876	166.804	-95.896	0.059
7.132	2.009	24.1488	4.1448	3.183	0.187	-48.266	-49.430	166.801	-90.216	0.059
4.388	2.385	14.1728	4.9788	2.803	0.165	-44.650	-46.113	166.798	-79.479	0.059
3.020	2.494	9.7798	5.2408	2.608	0.153	-42.993	-44.554	166.796	-73.941	0.059
0.512	2.011	1.6408	4.8598	2.229	0.131	-39.374	-40.811	166.793	-61.198	0.059
0.565	1.504	1.8058	3.3228	2.054	0.121	-37.644	-38.848	166.791	-58.227	0.059
2.153	2.227	8.8908	3.8098	1.862	0.108	-36.655	-36.800	166.789	-52.005	0.059
0.887	2.266	2.6378	5.0268	1.610	0.095	-31.258	-31.584	166.786	-45.649	0.059
0.163	2.242	0.4718	4.8888	1.554	0.091	-30.440	-31.296	166.786	-44.065	0.059
0.260	2.244	0.7028	5.0028	1.468	0.088	-29.586	-30.865	166.785	-42.480	0.059
0.636	2.248	1.7728	5.0158	1.474	0.087	-29.201	-30.473	166.785	-41.780	0.059
0.883	2.245	2.7118	4.9518	1.463	0.086	-29.052	-30.204	166.785	-41.479	0.059
1.613	2.184	4.3508	4.8898	1.424	0.084	-28.457	-29.876	166.784	-40.378	0.059
1.753	2.167	4.6328	4.8388	1.393	0.082	-27.966	-29.564	166.784	-39.404	0.059
1.607	2.170	4.7178	4.8098	1.385	0.077	-26.513	-27.895	166.783	-36.992	0.059
1.428	2.179	3.7918	4.9098	1.259	0.074	-				