

Duración	segundos	20	Datos			364	Masa		17
Ciclo de Movimiento	Tiempo [s]	X [cm]	Y [cm]	Z [cm]	Xi [cm]	Yi [cm]	Zi [cm]	Yi [cm]	
Fase Neutra	0.000	17,000	45,000	0,000	16,672	41,829			
Fase Neutra	0.055	17,110	44,220	0,200	17,130	41,827			
Fase Neutra	0.110	16,680	44,340	0,010	16,689	41,829			
Fase Neutra	0.165	16,610	44,350	-0,030	16,623	41,829			
Fase Neutra	0.220	16,580	44,360	-0,060	16,578	41,829			
Fase Neutra	0.275	16,450	44,380	-0,230	16,389	41,831			
Fase Neutra	0.331	16,400	44,390	-0,310	16,328	41,831			
Fase Neutra	0.386	16,330	44,400	-0,430	16,259	41,832			
Fase Neutra	0.441	16,150	44,430	-0,850	16,111	41,836			
Fase Neutra	0.496	16,050	44,450	-1,090	16,033	41,838			
Fase Neutra	0.551	15,820	44,480	-1,690	15,781	41,843			
Fase Neutra	0.606	15,700	44,500	-1,980	15,649	41,846			
Fase Neutra	0.661	15,600	44,500	-2,280	15,526	41,849			
Fase Neutra	0.716	15,350	44,520	-2,720	15,330	41,853			
Fase Neutra	0.771	15,230	44,520	-2,910	15,242	41,855			
Fase Neutra	0.826	14,940	44,540	-3,360	14,995	41,860			
Fase Neutra	0.882	14,750	44,570	-3,690	14,810	41,863			
Plantiflexión	0.937	14,610	44,650	-4,060	14,750	41,868			
Plantiflexión	0.992	14,740	45,010	-4,230	14,867	41,869			
Plantiflexión	1.047	14,780	45,120	-4,050	14,747	41,867			
Fase Neutra	1.102	15,320	45,580	-2,560	15,400	41,852			
Fase Neutra	1.157	15,680	45,770	-1,520	15,858	41,842			
Fase Neutra	1.212	16,030	45,870	-0,110	16,512	41,830			
Plantiflexión	1.267	16,560	45,760	4,290	18,945	41,803			
Plantiflexión	1.322	16,660	45,660	7,000	18,767	41,794			
Dorsiflexión_1	1.377	16,510	45,880	14,000	16,933	41,801			
Dorsiflexión_1	1.433	15,990	45,950	16,960	15,823	41,818			
Dorsiflexión_1	1.488	15,300	46,090	19,900	14,681	41,843			
Dorsiflexión_1	1.543	15,720	46,250	25,160	12,676	41,906			
Dorsiflexión_1	1.598	12,900	46,130	27,460	12,323	41,941			
Dorsiflexión_1	1.653	11,430	45,420	31,240	11,859	42,012			
Dorsiflexión_1	1.708	10,900	44,750	32,830	11,893	42,045			
Dorsiflexión_1	1.763	10,750	43,860	34,030	12,021	42,072			
Dorsiflexión_1	1.818	11,460	42,180	35,370	12,279	42,103			
Dorsiflexión_2	1.873	12,090	41,350	35,500	12,311	42,106			
Dorsiflexión_2	1.928	11,680	40,260	35,760	12,362	42,111			
Dorsiflexión_2	1.983	11,260	39,670	35,660	12,349	42,110			
Dorsiflexión_2	2.039	14,660	39,210	35,570	12,328	42,108			
Dorsiflexión_2	2.094	15,630	38,410	35,250	12,251	42,100			
Dorsiflexión_2	2.149	15,910	38,170	35,110	12,219	42,097			
Dorsiflexión_2	2.204	16,260	37,990	34,840	12,162	42,091			
Dorsiflexión_2	2.259	16,180	38,120	34,780	12,150	42,089			
Dorsiflexión_2	2.314	15,350	38,990	34,760	12,146	42,089			
Dorsiflexión_2	2.369	14,530	39,810	34,730	12,140	42,088			
Dorsiflexión_2	2.424	13,500	40,940	34,320	12,066	42,078			
Dorsiflexión_1	2.479	11,110	41,740	30,380	11,874	42,004			
Dorsiflexión_1	2.534	14,420	44,440	27,260	12,352	41,939			
Dorsiflexión_1	2.589	19,540	42,480	13,280	17,184	41,799			
Fase Neutra	2.645	21,730	40,360	2,770	18,865	41,810			
Plantiflexión	2.700	21,190	39,040	8,830	11,918	41,924			
Fase Neutra	2.755	0,000	0,000	0,000	4,200	41,829			
Dorsiflexión_2	2.810	24,750	49,430	-64,140	28,538	43,241			
Dorsiflexión_2	2.865	25,000	46,870	-75,080	26,023	43,481			
Dorsiflexión_2	2.920	25,020	45,010	-79,170	24,682	43,562			
Dorsiflexión_2	2.975	25,570	42,660	-86,210	21,895	43,690			
Dorsiflexión_2	3.030	25,800	41,760	-88,010	21,081	43,721			
Dorsiflexión_2	3.085	25,630	41,560	-89,210	20,593	43,741			
Dorsiflexión_2	3.140	23,900	43,900	-92,300	19,025	43,792			
Dorsiflexión_2	3.196	22,270	45,700	-96,780	16,658	43,865			
Dorsiflexión_2	3.251	18,810	46,850	-108,450	9,228	44,084			
Dorsiflexión_2	3.306	13,040	46,350	-115,350	4,788	44,232			
Dorsiflexión_2	3.361	8,430	45,180	-122,470	-0,533	44,452			
Dorsiflexión_2	3.416	1,150	44,180	-129,660	-6,222	44,761			
Fase Neutra	3.471	0,000	0,000	0,000	4,200	41,829			
Dorsiflexión_2	3.526	-11,900	46,560	-130,340	-16,227	44,800			
Dorsiflexión_2	3.581	-11,060	47,050	-129,780	-16,380	44,771			
Dorsiflexión_2	3.636	-18,360	46,140	-129,760	-16,386	44,770			
Dorsiflexión_2	3.691	-14,510	45,020	-130,510	-10,229	44,824			
Dorsiflexión_2	3.747	-15,910	42,120	-129,360	-16,494	44,749			
Dorsiflexión_2	3.802	-19,920	41,360	-128,520	-16,716	44,707			
Dorsiflexión_2	3.857	-19,090	40,480	-128,290	-16,775	44,696			
Dorsiflexión_2	3.912	-19,680	39,380	-126,700	-17,176	44,623			
Dorsiflexión_2	3.967	-19,540	39,540	-126,630	-17,242	44,613			
Dorsiflexión_2	4.022	-17,710	40,910	-124,710	-17,648	44,538			
Dorsiflexión_2	4.077	-16,740	42,030	-123,610	-17,895	44,495			
Dorsiflexión_2	4.132	-16,150	43,400	-121,980	-18,244	44,435			
Dorsiflexión_2	4.187	-17,230	45,480	-116,130	-19,287	44,361			
Dorsiflexión_2	4.242	-19,300	44,760	-110,920	-20,119	44,126			
Dorsiflexión_2	4.298	-22,220	40,230	-95,830	-21,567	43,847			
Dorsiflexión_2	4.353	-24,450	36,960	-84,570	-22,028	43,617			
Dorsiflexión_2	4.408	-24,700	35,190	-73,750	-22,156	43,454			
Fase Neutra	4.463	0,000	0,000	0,000	-22,095	41,829			
Plantiflexión	4.518	-25,390	49,510	107,760	21,851	41,997			
Plantiflexión	4.573	-25,250	47,900	5,390	-21,957	41,883			
Fase Neutra	4.628	-25,160	44,910	-0,420	-22,083	41,832			
Plantiflexión	4.683	-25,670	42,680	8,400	-22,366	41,792			
Plantiflexión	4.738	-26,100	41,790	10,840	-22,430	41,792			
Plantiflexión	4.793	-26,400	42,540	11,290	-22,473	41,793			
Dorsiflexión_1	4.848	-26,150	44,200	11,850	-22,494	41,794			
Dorsiflexión_1	4.904	-25,950	46,570	14,000	-22,579	41,801			
Dorsiflexión_1	4.959	-26,570	49,640	23,310	-22,971	41,881			
Dorsiflexión_1	5.014	-27,530	49,470	31,260	-23,319	42,013			
Dorsiflexión_2	5.069	-29,800	46,200	48,460	-23,968	42,463			
Dorsiflexión_2	5.124	-29,640	43,940	57,870	-24,153	42,831			
Dorsiflexión_2	5.179	-27,960	41,820	67,760	-24,110	43,241			
Fase Neutra	5.234	0,000	0,000	0,000	-22,095	41,829			
Dorsiflexión_2	5.289	-2,100	47,990	98,390	-21,047	44,520			
Dorsiflexión_2	5.344	1,250	46,610	101,550	2,456	44,586			
Dorsiflexión_2	5.399	1,380	44,760	102,520	2,383	44,614			
Dorsiflexión_2	5.455	2,170	41,640	103,620	2,293	44,613			
Dorsiflexión_2	5.510	4,150	41,220	103,740	2,296	44,648			
Dorsiflexión_2	5.565	4,400	40,670	103,890	2,285	44,652			
Dorsiflexión_2	5.620	3,790	41,150	104,130	2,269	44,668			
Dorsiflexión_2	5.675	3,180	41,870	104,980	2,212	44,681			
Dorsiflexión_2	5.730	1,580	43,570	106,060	2,144	44,708			
Dorsiflexión_2	5.785	1,000	44,430	106,450	2,121	44,717			
Dorsiflexión_2	5.840	0,680	44,900	106,380	2,125	44,715			
Dorsiflexión_2	5.895	0,500	45,140	106,030	2,146	44,707			
Dorsiflexión_2	5.950	0,150	45,150	104,580	2,239	44,670			
Dorsiflexión_2	6.006	0,190	45,070	103,570	2,308	44,643			
Dorsiflexión_2	6.061	1,280	44,900	100,100	2,572	44,542			
Dorsiflexión_2	6.116	2,640	44,690	97,170	2,827	44,447			
Dorsiflexión_2	6.171	5,320	43,940	92,590	3,281	44,284			
Dorsiflexión_2	6.226	12,920	39,970	78,020	5,119	43,686			
Dorsiflexión_2	6.281	16,030	37,250	67,240	6,791	43,219			
Dorsiflexión_2	6.336	18,990	37,280	45,840	10,605	42,397			
Fase Neutra	6.391	0,000	0,000	0,000	18,830	41,829			
Fase Neutra	6.446	20,120	49,350	1,190	18,647	41,820			
Plantiflexión	6.501	20,690	49,970	-4,960	19,552	41,877			
Dorsiflexión_1	6.556	20,960	42,970	-14,860	20,946	42,027			
Dorsiflexión_1	6.612	22,510	42,750	-19,480	21,355	42,117			
Dorsiflexión_1	6.667	23,390	41,360	-21,730	21,579	42,165			
Dorsiflexión_1	6.722	23,680	41,170	-23,810	21,782	42,213			
Dorsiflexión_1	6.777	23,740	42,170	-24,380	21,823	42,224			
Dorsiflexión_1	6.832	23,860	46,630	-28,560	22,160	42,323			
Dorsiflexión_1	6.887	24,160	48,490	-32,830	22,440	42,429			
Dorsiflexión_1	6.942	24,640	49,080	-38,840	22,717	42,586			
Dorsiflexión_2	6.997	25,650	45,560	-57,860	22,563	43,087			
Dorsiflexión_2	7.052	25,490	43,090	-67,840	21,763	43,326			
Dorsiflexión_2	7.107	21,110	40,190	-81,120	18,145	43,372			
Dorsiflexión_2	7.163	17,600	41,320	-97,090	15,973	43,871			
Fase Neutra	7.218	0,000	0,000	0,000	18,830	41,829			
Dorsiflexión_2	7.273	3,770	49,090	-120,440	6,868	44,382			
Dorsiflexión_2	7.328	3,130	48,260	-122,490	5,966	44,453			
Dorsiflexión_2	7.383	3,470	44,840	-124,860	4,762	44,544			
Dorsiflexión_2	7.438	1,600	42,390	-126,820	3,710	44,623			
Dorsiflexión_2	7.493	-0,520	41,700	-127,690	-1,014	44,680			
Dorsiflexión_2	7.548	-1,120	41,030	-128,310	-0,865	44,697			
Dorsiflexión_2	7.603	-1,050	41,220	-128,650	-0,640	44,724</			

Plantiflexión	8.760	-33.400	42.570	4.800	-29.733	41.801
Dorsiflexión_1	8.815	-34.560	48.160	15.680	-29.901	41.810
Dorsiflexión_1	8.871	-34.800	48.140	12.800	-28.745	41.875
Dorsiflexión_2	8.926	-34.440	44.300	40.480	-26.435	42.234
Dorsiflexión_2	8.981	-33.440	41.780	49.190	-24.773	42.509
Dorsiflexión_2	9.036	-27.740	39.230	10.780	-20.031	43.247
Fase Neutra	9.091	0.000	0.000	0.000	-29.772	41.829
Dorsiflexión_2	9.146	-8.420	51.010	100.780	-7.973	44.563
Dorsiflexión_2	9.201	-7.370	50.120	102.400	-6.986	44.600
Dorsiflexión_2	9.256	-6.720	46.670	103.930	-6.090	44.633
Dorsiflexión_2	9.311	-6.310	45.110	105.840	-5.166	44.702
Dorsiflexión_2	9.366	-6.050	43.290	107.050	-4.970	44.731
Dorsiflexión_2	9.421	-3.100	43.290	107.480	-4.357	44.741
Dorsiflexión_2	9.477	-3.270	43.900	107.770	-4.212	44.747
Dorsiflexión_2	9.532	-3.680	44.620	107.930	-4.132	44.751
Dorsiflexión_2	9.587	-4.340	45.690	107.630	-4.362	44.745
Dorsiflexión_2	9.642	-4.710	45.930	107.450	-4.372	44.740
Dorsiflexión_2	9.697	-5.130	46.030	106.490	-4.847	44.718
Dorsiflexión_2	9.752	-5.070	46.020	105.730	-5.220	44.699
Dorsiflexión_2	9.807	-4.560	46.230	104.830	-6.329	44.660
Dorsiflexión_2	9.862	-3.810	46.300	101.800	-7.098	44.593
Dorsiflexión_2	9.917	-3.160	45.590	96.110	-8.676	44.411
Dorsiflexión_2	9.972	2.920	44.860	91.710	-7.942	44.251
Dorsiflexión_2	10.028	6.690	43.980	86.180	-9.197	44.032
Dorsiflexión_2	10.083	12.550	42.980	73.130	-12.163	43.474
Dorsiflexión_2	10.138	14.460	43.330	66.230	-13.660	43.176
Dorsiflexión_2	10.193	16.020	45.640	53.460	-16.155	42.662
Fase Neutra	10.248	0.000	0.000	0.000	-17.355	41.829
Dorsiflexión_1	10.303	16.220	48.440	35.280	-18.632	42.101
Dorsiflexión_1	10.358	16.350	47.790	38.800	-19.091	41.966
Dorsiflexión_1	10.413	16.760	47.150	26.000	-19.207	41.919
Dorsiflexión_1	10.468	16.900	45.510	19.880	-19.267	41.842
Dorsiflexión_1	10.523	17.410	45.330	17.180	-19.205	41.820
Dorsiflexión_1	10.579	18.350	45.260	15.640	-19.144	41.810
Dorsiflexión_1	10.634	18.750	45.090	15.230	-19.125	41.807
Dorsiflexión_1	10.689	19.040	45.070	15.000	-19.113	41.806
Dorsiflexión_1	10.744	19.540	45.040	15.280	-19.127	41.808
Dorsiflexión_1	10.799	19.810	45.000	15.390	-19.132	41.808
Dorsiflexión_1	10.854	20.120	44.920	15.250	-19.126	41.807
Dorsiflexión_1	10.909	20.230	44.880	15.000	-19.113	41.806
Dorsiflexión_1	10.964	20.310	44.860	14.720	-19.098	41.805
Dorsiflexión_1	11.019	20.240	44.810	14.880	-19.047	41.801
Dorsiflexión_1	11.074	20.140	44.770	13.190	-19.007	41.798
Plantiflexión	11.129	19.790	44.610	11.160	-18.855	41.793
Plantiflexión	11.185	19.540	44.490	10.010	-18.753	41.792
Plantiflexión	11.240	18.690	44.350	6.990	-18.430	41.794
Plantiflexión	11.295	18.330	44.330	5.150	-18.192	41.799
Fase Neutra	11.350	17.560	44.920	0.520	-17.451	41.825
Plantiflexión	11.405	17.280	45.340	-1.860	-16.988	41.845
Plantiflexión	11.460	16.560	46.170	-5.970	-16.151	41.885
Plantiflexión	11.515	15.990	46.490	-6.520	-15.913	41.897
Plantiflexión	11.570	15.050	46.510	-7.630	-15.623	41.912
Plantiflexión	11.625	14.690	46.430	-7.890	-15.372	41.914
Plantiflexión	11.680	14.440	46.330	-7.960	-15.534	41.916
Plantiflexión	11.736	14.510	45.850	-8.090	-15.499	41.918
Plantiflexión	11.791	14.580	45.530	-7.980	-15.534	41.916
Plantiflexión	11.846	14.690	44.760	-7.720	-15.599	41.913
Plantiflexión	11.901	14.620	44.470	-7.440	-15.674	41.909
Plantiflexión	11.956	14.620	44.130	-7.140	-15.700	41.908
Plantiflexión	12.011	15.230	44.380	-6.800	-15.841	41.901
Plantiflexión	12.066	15.420	44.430	-6.310	-15.967	41.894
Plantiflexión	12.121	15.980	44.410	-5.830	-16.087	41.888
Plantiflexión	12.176	16.090	44.350	-5.800	-16.094	41.894
Plantiflexión	12.231	15.910	44.330	-5.940	-16.059	41.890
Plantiflexión	12.287	15.900	44.310	-6.040	-16.034	41.891
Plantiflexión	12.342	15.960	44.280	-6.080	-16.029	41.891
Plantiflexión	12.397	15.910	44.300	-6.120	-16.014	41.892
Plantiflexión	12.452	15.530	44.350	-6.870	-15.823	41.901
Plantiflexión	12.507	15.290	44.350	-7.590	-15.624	41.911
Plantiflexión	12.562	14.740	44.460	-8.180	-15.195	41.934
Plantiflexión	12.617	14.560	44.600	-9.930	-14.979	41.945
Plantiflexión	12.672	14.430	44.740	-10.300	-14.869	41.950
Plantiflexión	12.727	14.170	44.860	-10.480	-14.816	41.953
Plantiflexión	12.782	14.230	44.780	-10.180	-14.905	41.949
Plantiflexión	12.837	14.680	44.480	-8.990	-15.249	41.911
Plantiflexión	12.891	14.840	44.290	-8.290	-15.416	41.922
Plantiflexión	12.946	15.100	44.410	-7.700	-15.604	41.913
Plantiflexión	13.001	15.840	44.630	-6.040	-16.034	41.891
Plantiflexión	13.056	16.240	44.690	-5.050	-16.277	41.879
Plantiflexión	13.111	16.680	44.740	-3.920	-16.541	41.866
Fase Neutra	13.166	17.390	44.650	-2.190	-16.920	41.848
Fase Neutra	13.222	17.510	44.600	-2.010	-16.957	41.846
Fase Neutra	13.278	17.220	44.600	-2.460	-16.963	41.851
Fase Neutra	13.333	17.300	44.600	-2.550	-16.844	41.852
Fase Neutra	13.388	17.350	44.580	-2.330	-16.890	41.850
Fase Neutra	13.444	17.370	44.580	-2.210	-16.916	41.848
Fase Neutra	13.499	17.240	44.620	-2.170	-16.924	41.848
Fase Neutra	13.554	17.180	44.640	-2.150	-16.928	41.848
Fase Neutra	13.609	17.060	44.700	-2.150	-16.928	41.848
Fase Neutra	13.664	17.020	44.780	-2.150	-16.928	41.848
Fase Neutra	13.719	16.820	44.770	-2.120	-16.934	41.848
Fase Neutra	13.774	16.810	44.790	-2.060	-16.947	41.847
Fase Neutra	13.829	16.800	44.810	-1.980	-16.984	41.845
Fase Neutra	13.884	16.800	44.830	-1.820	-16.997	41.845
Fase Neutra	13.939	16.950	44.830	-1.850	-16.991	41.845
Fase Neutra	13.994	17.090	44.830	-1.880	-16.982	41.845
Fase Neutra	14.050	17.140	44.820	-1.930	-16.974	41.846
Fase Neutra	14.105	17.200	44.810	-1.910	-16.978	41.846
Fase Neutra	14.160	17.290	44.790	-1.730	-17.015	41.844
Fase Neutra	14.215	17.350	44.780	-1.690	-17.023	41.843
Fase Neutra	14.270	17.290	44.770	-1.740	-17.013	41.844
Fase Neutra	14.325	17.280	44.750	-1.870	-16.986	41.845
Fase Neutra	14.380	17.290	44.740	-1.890	-16.982	41.845
Fase Neutra	14.435	17.340	44.720	-1.870	-16.986	41.845
Fase Neutra	14.490	17.370	44.700	-1.860	-16.988	41.845
Fase Neutra	14.545	17.420	44.680	-1.870	-16.986	41.845
Fase Neutra	14.601	17.450	44.660	-1.880	-16.984	41.845
Fase Neutra	14.656	17.500	44.640	-1.890	-16.982	41.845
Fase Neutra	14.711	17.520	44.640	-1.890	-16.982	41.845
Fase Neutra	14.766	17.540	44.620	-1.920	-16.976	41.846
Fase Neutra	14.821	17.540	44.620	-1.940	-16.972	41.846
Fase Neutra	14.876	17.530	44.620	-1.980	-16.964	41.846
Fase Neutra	14.931	17.510	44.620	-2.050	-16.949	41.847
Fase Neutra	14.986	17.490	44.610	-2.090	-16.941	41.847
Fase Neutra	15.041	17.500	44.600	-2.110	-16.937	41.847
Fase Neutra	15.096	17.500	44.590	-2.160	-16.928	41.848
Fase Neutra	15.152	17.500	44.580	-2.180	-16.922	41.848
Fase Neutra	15.207	17.530	44.550	-2.270	-16.903	41.849
Fase Neutra	15.262	17.540	44.540	-2.300	-16.897	41.849
Fase Neutra	15.317	17.530	44.530	-2.340	-16.888	41.850
Fase Neutra	15.372	17.510	44.530	-2.350	-16.886	41.850
Fase Neutra	15.427	17.500	44.530	-2.370	-16.882	41.850
Fase Neutra	15.482	17.430	44.540	-2.410	-16.873	41.850
Fase Neutra	15.537	17.390	44.550	-2.430	-16.869	41.851
Fase Neutra	15.592	17.320	44.570	-2.480	-16.858	41.851
Fase Neutra	15.647	17.280	44.580	-2.490	-16.856	41.851
Fase Neutra	15.702	17.210	44.600	-2.520	-16.850	41.851
Fase Neutra	15.758	17.170	44.610	-2.530	-16.848	41.852
Fase Neutra	15.813	17.120	44.620	-2.550	-16.844	41.852
Fase Neutra	15.868	17.110	44.630	-2.540	-16.846	41.852
Fase Neutra	15.923	17.110	44.630	-2.530	-16.848	41.852
Fase Neutra	15.978	17.100	44.640	-2.480	-16.858	41.851
Fase Neutra	16.033	17.110	44.640	-2.460	-16.863	41.851
Fase Neutra	16.088	17.110	44.640	-2.430	-16.869	41.851
Fase Neutra	16.143	17.120	44.640	-2.420	-16.871	41.850
Fase Neutra	16.198	17.130	44.630	-2.400	-16.871	41.850
Fase Neutra	16.253	17.140	44.630	-2.400	-16.875	41.850
Fase Neutra	16.309	17.140	44.630	-2.390	-16.878	41.850
Fase Neutra	16.364	17.150	44.620	-2.390	-16.878	41.850
Fase Neutra	16.419	17.160	44.620	-2.400	-16.875	41.850
Fase Neutra	16.474	17.170	44.620	-2.400	-16.875	41.850
Fase Neutra	16.529	17.190	44.610	-2.400	-16.875	41.850
Fase Neutra	16.584	17.190	44.610	-2.410	-16.873	41.850
Fase Neutra	16.639	17.170	44.610	-2.440	-16.867	41.851
Fase Neutra	16.694	17.150	44.610	-2.460	-16.863	41.851
Fase Neutra	16.749	17.110	44.610	-2.520	-16.850	41.851
Fase Neutra	16.804	17.100	44.610	-2.540	-16.846	41.852
Fase Neutra	16.860	17.080	44.610	-2.590	-16.835	41.852
Fase Neutra	16.915	17.080	44.610	-2.610	-16.831	41.852
Fase Neutra	16.970	17.090	44.610	-2.620	-16.829	41.852
Fase Neutra	17.025	17.090	44.610	-2.630	-16.826	41.853
Fase Neutra	17.080	17.090	44.610	-2.650	-16.822	41.853
Fase Neutra	17.135	17.090	44.610	-2.660	-16.820	41.853
Fase Neutra	17.190	17.080	44.610	-2.670	-16.818	41.853
Fase Neutra	17.245	17.070	44.610	-2.670	-16.818	41.853
Fase Neutra	17.300	17.060	44.610	-2.680	-16.816	41.853
Fase Neutra	17.355					

Fase Neutra	17,686	17,040	44,620	-2,730	16,805	41,854
Fase Neutra	17,741	17,030	44,620	-2,740	16,803	41,854
Fase Neutra	17,796	17,020	44,620	-2,750	16,801	41,854
Fase Neutra	17,851	17,000	44,620	-2,800	16,790	41,854
Fase Neutra	17,906	16,980	44,620	-2,840	16,781	41,855
Fase Neutra	17,961	16,970	44,620	-2,860	16,777	41,855
Fase Neutra	18,017	16,960	44,620	-2,890	16,770	41,855
Fase Neutra	18,072	16,940	44,620	-2,900	16,768	41,855
Fase Neutra	18,127	16,910	44,620	-2,960	16,755	41,856
Fase Neutra	18,182	16,910	44,630	-2,980	16,751	41,856
Fase Neutra	18,237	16,890	44,630	-3,020	16,742	41,856
Fase Neutra	18,292	16,870	44,640	-3,030	16,740	41,857
Fase Neutra	18,347	16,860	44,640	-3,030	16,740	41,857
Fase Neutra	18,402	16,850	44,650	-3,040	16,738	41,857
Fase Neutra	18,457	16,850	44,650	-3,050	16,735	41,857
Fase Neutra	18,512	16,850	44,650	-3,080	16,733	41,857
Fase Neutra	18,567	16,840	44,650	-3,070	16,731	41,857
Fase Neutra	18,623	16,830	44,650	-3,080	16,729	41,857
Fase Neutra	18,678	16,820	44,650	-3,080	16,729	41,857
Fase Neutra	18,733	16,810	44,650	-3,080	16,729	41,857
Fase Neutra	18,788	16,810	44,650	-3,070	16,731	41,857
Fase Neutra	18,843	16,800	44,650	-3,070	16,731	41,857
Fase Neutra	18,898	16,800	44,650	-3,080	16,729	41,857
Fase Neutra	18,953	16,800	44,660	-3,080	16,729	41,857
Fase Neutra	19,008	16,800	44,660	-3,070	16,731	41,857
Fase Neutra	19,063	16,810	44,660	-3,070	16,731	41,857
Fase Neutra	19,118	16,810	44,660	-3,060	16,733	41,857
Fase Neutra	19,174	16,820	44,660	-3,060	16,733	41,857
Fase Neutra	19,229	16,820	44,660	-3,050	16,727	41,857
Fase Neutra	19,284	16,820	44,660	-3,100	16,724	41,857
Fase Neutra	19,339	16,830	44,660	-3,130	16,718	41,858
Fase Neutra	19,394	16,830	44,660	-3,150	16,714	41,858
Fase Neutra	19,449	16,830	44,650	-3,170	16,709	41,858
Fase Neutra	19,504	16,830	44,650	-3,180	16,707	41,858
Fase Neutra	19,559	16,830	44,650	-3,190	16,705	41,858
Fase Neutra	19,614	16,830	44,650	-3,180	16,707	41,858
Fase Neutra	19,669	16,830	44,650	-3,190	16,705	41,858
Fase Neutra	19,725	16,830	44,640	-3,200	16,703	41,858
Fase Neutra	19,780	16,830	44,640	-3,190	16,705	41,858
Fase Neutra	19,835	16,830	44,650	-3,190	16,705	41,858
Fase Neutra	19,890	16,830	44,640	-3,190	16,705	41,858
Fase Neutra	19,945	16,840	44,640	-3,190	16,705	41,858
Fase Neutra	20,000	17,000	45,000	0,000	17,355	41,829

kg										
Error Abs. X	Error Abs. Y	Error % X	Error % Y	Velocidad [m]	Aceleración [Gal]	Angulo [°]	Angulo [°]	Fuerza [N]	Torque [Nm]	Frecuencia [Hz]
0.328	3.171	1.93%	7.05%	0.000	0.000	0.000	0.000	166.70	0.000	0.000
0.020	2.939	0.11%	5.41%	0.010	0.001	0.259	0.274	166.70	0.334	0.050
0.009	2.511	0.06%	5.66%	0.003	0.001	0.013	0.000	166.70	0.0317	0.050
0.013	2.521	0.08%	5.68%	0.002	0.000	-0.039	-0.041	166.70	-0.050	-0.050
0.002	2.531	0.01%	5.70%	0.003	0.000	-0.077	-0.082	166.70	-0.100	-0.050
0.051	2.549	0.74%	5.74%	0.012	0.001	-0.297	-0.314	166.70	-0.384	-0.050
0.072	2.559	0.44%	5.76%	0.016	0.001	-0.403	-0.425	166.70	-0.517	-0.050
0.071	2.568	0.43%	5.78%	0.022	0.001	-0.555	-0.589	166.70	-0.717	-0.050
0.039	2.594	0.24%	5.84%	0.041	0.002	-1.096	-1.164	166.70	-1.418	-0.050
0.017	2.612	0.07%	5.88%	0.055	0.003	-1.450	-1.492	166.70	-1.818	-0.050
0.039	2.637	0.25%	5.93%	0.085	0.004	-2.176	-2.313	166.71	-2.818	-0.050
0.051	2.654	0.33%	5.96%	0.099	0.005	-2.548	-2.709	166.71	-3.302	-0.050
0.042	2.651	0.07%	5.96%	0.086	0.006	-2.907	-3.092	166.71	-3.769	-0.050
0.020	2.667	0.13%	5.99%	0.136	0.007	-3.496	-3.718	166.71	-4.536	-0.050
0.012	2.665	0.08%	5.99%	0.146	0.007	-3.740	-3.977	166.71	-4.853	-0.050
0.055	2.680	0.16%	6.02%	0.168	0.008	-4.214	-4.589	166.71	-5.604	-0.050
0.060	2.707	0.41%	6.07%	0.185	0.009	-4.733	-5.037	166.72	-6.154	-0.050
0.140	2.782	0.96%	6.23%	0.203	0.010	-5.196	-5.539	166.72	-6.771	-0.050
0.127	3.141	0.80%	6.98%	0.212	0.011	-5.369	-5.769	166.72	-7.054	-0.050
0.033	3.253	0.22%	7.21%	0.203	0.010	-5.129	-5.525	166.72	-6.264	-0.050
0.080	3.728	0.52%	8.18%	0.128	0.006	-3.215	-3.500	166.71	-4.269	-0.050
0.178	3.928	1.13%	8.58%	0.076	0.004	-1.902	-2.080	166.71	-2.535	-0.050
0.482	4.040	3.02%	8.81%	0.008	0.000	-0.137	-0.151	166.70	-0.183	-0.050
2.385	3.957	14.40%	8.65%	0.215	0.011	5.356	5.859	166.72	7.155	0.050
2.107	3.866	12.64%	8.47%	0.350	0.018	8.716	9.508	166.73	11.674	0.050
0.423	4.079	2.50%	8.89%	0.700	0.035	16.360	18.517	166.76	23.349	0.050
0.167	4.132	1.04%	8.99%	0.848	0.042	20.250	22.026	166.77	28.285	0.050
0.619	4.247	4.04%	9.22%	0.955	0.050	23.353	25.435	166.78	33.189	0.050
0.844	4.344	6.15%	9.39%	1.258	0.063	28.546	30.980	166.781	41.962	0.050
0.177	4.179	4.47%	9.06%	1.069	0.069	30.713	33.152	166.782	45.608	0.050
0.429	4.308	3.75%	7.50%	1.562	0.078	34.520	36.634	166.783	52.103	0.050
0.993	2.705	9.11%	6.04%	1.642	0.082	36.265	37.984	166.784	54.755	0.050
1.271	1.788	4.00%	4.60%	1.702	0.085	37.807	38.923	166.784	56.377	0.050
0.819	0.077	7.15%	0.18%	1.769	0.088	39.981	40.033	166.785	58.992	0.050
0.221	0.756	1.82%	1.83%	1.775	0.089	40.647	40.135	166.785	59.209	0.050
1.118	1.851	8.00%	4.20%	1.785	0.089	41.565	40.290	166.785	59.342	0.050
1.911	2.440	13.40%	6.15%	1.783	0.089	41.945	40.243	166.785	59.459	0.050
2.132	2.898	15.91%	7.39%	1.779	0.089	42.213	40.189	166.785	59.325	0.050
3.879	3.090	21.62%	9.61%	1.761	0.088	42.544	39.939	166.785	58.792	0.050
3.491	3.927	21.20%	12.76%	1.698	0.088	42.609	39.829	166.785	58.568	0.050
4.098	4.101	25.20%	10.79%	1.742	0.087	42.523	39.616	166.785	58.108	0.050
4.030	3.969	24.91%	10.41%	1.739	0.087	42.377	39.568	166.785	58.008	0.050
3.204	3.099	7.88%	8.08%	1.738	0.087	42.171	39.552	166.785	57.874	0.050
2.390	2.278	16.45%	5.72%	1.737	0.087	41.101	39.529	166.785	57.824	0.050
1.434	1.138	10.62%	2.78%	1.742	0.086	39.973	39.201	166.785	57.240	0.050
1.236	1.736	9.47%	3.97%	1.516	0.077	35.178	36.278	166.783	51.419	0.050
1.848	2.011	14.34%	5.63%	1.363	0.068	33.223	34.282	166.782	45.465	0.050
2.356	0.681	12.06%	1.60%	0.664	0.033	17.360	17.626	166.776	22.148	0.050
2.865	1.450	13.18%	3.99%	0.139	0.007	3.926	3.790	166.774	4.620	0.050
11.272	2.984	48.51%	7.39%	0.427	0.021	-11.325	-11.501	166.774	-14.226	-0.050
4.200	41.829	0.00%	0.00%	0.000	0.000	0.000	0.000	166.770	0.000	0.000
3.788	6.189	15.31%	12.52%	3.207	0.160	-52.380	-56.014	166.797	-106.984	-0.050
3.389	4.096	4.29%	4.29%	3.754	0.188	-58.022	-60.923	166.802	-125.235	-0.050
0.338	1.448	1.35%	3.22%	3.959	0.198	-60.381	-61.179	166.804	-123.058	-0.050
3.675	1.030	14.37%	2.41%	4.311	0.216	-63.672	-63.125	166.807	-143.804	-0.050
4.719	1.961	19.29%	4.70%	4.402	0.220	-64.621	-63.588	166.807	-145.811	-0.050
5.097	2.181	19.89%	5.25%	4.451	0.223	-65.021	-63.881	166.808	-146.809	-0.050
4.875	0.108	20.40%	0.25%	4.615	0.231	-64.563	-64.618	166.809	-153.965	-0.050
5.612	1.835	25.20%	4.01%	4.839	0.242	-64.723	-65.038	166.811	-161.440	-0.050
7.582	2.766	45.11%	4.48%	4.442	0.212	-64.723	-65.038	166.811	-161.440	-0.050
8.252	2.118	63.28%	4.57%	5.768	0.288	-68.109	-69.020	166.819	-192.426	-0.050
8.963	0.728	100.32%	1.61%	6.124	0.306	-69.751	-70.051	166.822	-204.307	-0.050
7.272	0.581	64.00%	1.26%	6.480	0.324	-71.176	-70.946	166.825	-216.204	-0.050
4.200	41.829	0.00%	0.00%	0.000	0.000	0.000	0.000	166.770	0.000	0.000
4.327	1.760	36.36%	3.78%	6.517	0.326	-70.342	-71.031	166.825	-217.440	-0.050
3.320	2.310	4.97%	4.97%	6.485	0.324	-70.027	-70.967	166.825	-210.506	-0.050
2.026	1.170	14.11%	2.84%	6.488	0.324	-70.466	-70.965	166.825	-216.472	-0.050
4.281	0.196	29.50%	0.44%	6.526	0.326	-70.968	-71.045	166.825	-217.724	-0.050
0.584	2.629	3.67%	6.24%	6.468	0.323	-71.965	-70.918	166.825	-215.805	-0.050
1.204	3.847	6.72%	6.09%	6.420	0.321	-72.161	-70.819	166.825	-214.403	-0.050
2.315	4.296	12.13%	10.63%	6.415	0.321	-72.520	-70.792	166.825	-214.019	-0.050
2.504	5.243	12.72%	13.31%	6.335	0.317	-72.734	-70.598	166.824	-211.366	-0.050
2.298	5.071	12.29%	12.32%	6.322	0.316	-72.322	-70.565	166.824	-210.315	-0.050
0.062	3.628	0.35%	8.87%	6.236	0.312	-71.838	-70.347	166.823	-208.045	-0.050
1.155	2.465	6.90%	5.80%	6.181	0.309	-71.221	-70.203	166.823	-206.209	-0.050
2.094	1.035	12.97%	2.38%	6.095	0.305	-70.415	-69.984	166.822	-203.489	-0.050
2.057	1.219	11.94%	2.69%	5.922	0.291	-69.663	-69.386	166.819	-194.228	-0.050
0.819	0.634	4.25%	1.42%	5.546	0.277	-68.024	-68.307	166.817	-185.034	-0.050
1.653	3.617	7.12%	8.99%	4.782	0.239	-67.184	-66.368	166.813	-159.521	-0.050
2.422	6.677	9.91%	12.15%	4.215	0.211	-65.311	-62.641	166.806	-140.714	-0.050
2.544	8.264	10.30%	23.48%	3.688	0.184	-64.492	-59.493	166.801	-123.016	-0.050
22.095	41.829	0.00%	0.00%	0.000	0.000	0.000	0.000	166.770	0.000	0.000
3.539	7.553	13.94%	15.58%	0.538	0.027	-12.250	-12.371	166.775	-17.328	-0.050
3.293	6.017	13.04%	12.56%	0.270	0.013	-4.420	-4.733	166.772	-8.989	-0.050
3.077	3.078	12.23%	6.88%	0.021	0.001	-0.536	-0.575	166.770	-0.700	-0.050
3.304	0.888	12.87%	2.00%	0.420	0.021	-11.134	-11.365	166.774	-14.609	-0.050
0.070	0.002	14.06%	0.00%	0.507	0.023	-13.639	-13.638	166.774	-16.811	-0.050
3.927	0.747	14.88%	1.76%	0.565	0.028	-14.863	-15.117	166.775	-18.829	-0.050
3.656	2.406	13.98%	5.44%	0.593	0.030	-15.008	-15.890	166.775	-19.763	-0.050
3.371	4.769	12.24%	10.24%	0.700	0.035	-16.712	-18.517	166.776	-23.349	-0.050
3.999	7.759	13.55%	15.63%	1.166	0.058	-25.154	-29.099	166.780	-38.876	-0.050
4.211	7.457	15.29%	15.07%	1.563	0.078	-32.289	-36.652	166.783	-52.136	-0.050
5.672	3.717	43.06%	8.04%	1.821	0.111	-46.356	-48.748	166.791	-80.793	-0.050
5.487	1.109	18.51%	2.52%	2.894	0.145	-52.791	-53.494	166.795	-96.524	-0.050
3.850	1.421	13.77%	3.40%	3.388	0.169	-58.318	-57.456	166.799	-113.023	-0.050
22.095	41.829	0.00%	0.00%	0.000	0.000	0.000	0.000	166.770	0.000	0.000
18.947	3.670	90.22%	7.23%	4.970	0.248	-64.227	-63.871	166.812	-165.795	-0.050
1.206	2.024	96.50%	4.34%	6.346	0.254	-65.346	-66.236	166.813	-169.399	-0.050
1.003	0.146	72.68%	0.13%	5.126	0.256	-66.414	-66.483	166.814	-171.017	-0.050
0.113	1.013	0.10%	2.2%	4.196	0.240	-68.164	-67.748	166.814	-173.813	-0.050
1.854	3.428	44.68%	8.32%	5.187	0.259	-68.330	-66.714	166.814	-173.053	-0.050
2.115	3.982	48.06%	9.79%	5.195	0.260	-68.621	-66.742	166.814	-173.303	-0.050
1.521	3.508	60.13%	8.53%	6.207	0.260	-68.431	-66.787	166.814	-173.204	-0.050
0.968	2.811	30.43%	6.71%	5.249	0.262	-68.				

3.667	0.769	10.98%	1.81%	0.240	0.012	6.433	6.551	166.772	8.005	0.050
5.259	6.830	15.22%	13.19%	0.782	0.039	17.980	20.498	166.777	26.067	0.050
6.055	6.265	17.40%	13.41%	0.657	0.027	25.341	26.568	166.780	38.002	0.050
8.005	2.066	23.24%	4.66%	2.022	0.101	42.385	43.750	166.787	67.432	0.050
8.667	0.729	25.92%	1.74%	2.460	0.123	49.657	49.167	166.791	82.044	0.050
7.709	4.017	27.79%	12.79%	1.270	0.063	59.988	57.510	166.799	112.273	0.050
29.772	41.829	0.00%	0.00%	0.000	0.000	0.000	0.000	166.770	0.000	0.000
0.847	6.447	10.06%	12.64%	5.039	0.252	63.154	66.146	166.813	168.114	0.050
0.184	5.520	5.21%	5.102	0.115	63.841	66.391	166.811	170.216	0.050	
0.630	2.017	11.00%	4.32%	5.197	0.260	65.817	66.749	166.814	173.170	0.050
1.144	4.048	18.13%	3.90%	5.292	0.265	66.916	67.103	166.815	176.557	0.050
0.520	1.441	12.85%	3.18%	5.353	0.268	67.982	67.122	166.815	178.576	0.050
1.277	1.451	40.24%	3.35%	5.374	0.269	68.062	67.399	166.816	179.293	0.050
0.942	0.847	28.82%	1.93%	5.389	0.269	67.837	67.451	166.816	179.777	0.050
0.452	0.131	12.29%	0.29%	5.397	0.270	67.539	67.480	166.816	180.044	0.050
0.078	0.945	1.79%	2.07%	5.388	0.269	67.008	67.433	166.816	179.611	0.050
0.338	1.190	7.18%	2.59%	5.373	0.269	66.855	67.394	166.816	179.243	0.050
0.283	1.312	5.52%	2.85%	5.325	0.266	66.624	67.221	166.815	177.642	0.050
0.150	1.321	2.95%	2.87%	5.287	0.264	66.478	67.083	166.815	176.773	0.050
1.789	1.990	38.79%	3.44%	5.122	0.259	65.917	66.655	166.814	172.536	0.050
3.288	1.707	86.31%	3.69%	5.090	0.255	65.543	66.344	166.813	169.816	0.050
9.516	1.739	5947.47%	2.99%	4.806	0.240	64.823	65.199	166.813	160.322	0.050
5.022	0.609	17.00%	1.30%	4.386	0.229	63.934	64.242	166.809	152.891	0.050
2.507	0.052	37.48%	0.12%	4.309	0.215	62.964	62.936	166.807	143.754	0.050
0.387	0.494	3.08%	1.15%	3.657	0.183	59.556	59.270	166.801	121.982	0.050
0.800	0.154	5.53%	0.93%	3.123	0.166	56.814	56.907	166.798	110.504	0.050
0.135	2.978	0.84%	6.52%	2.673	0.134	49.512	51.409	166.793	89.167	0.050
17.355	41.829	0.00%	0.00%	0.000	0.000	0.000	0.000	166.770	0.000	0.000
2.412	6.139	14.94%	13.09%	1.764	0.088	36.061	39.963	166.785	58.842	0.050
7.741	5.824	16.77%	12.19%	1.460	0.072	31.075	34.641	166.782	48.033	0.050
2.447	5.231	14.60%	11.00%	1.300	0.065	28.874	31.809	166.781	43.363	0.050
2.387	3.688	14.00%	8.00%	0.993	0.050	25.534	25.346	166.778	33.055	0.050
1.795	3.510	10.31%	7.74%	0.855	0.043	20.757	21.233	166.777	28.622	0.050
0.794	3.450	4.33%	7.62%	0.782	0.039	19.063	20.510	166.777	26.084	0.050
0.375	3.283	2.00%	7.28%	0.762	0.038	18.663	20.016	166.776	25.400	0.050
0.073	3.264	2.88%	7.28%	0.750	0.038	18.408	19.738	166.776	25.016	0.050
0.413	3.232	2.11%	7.18%	0.764	0.038	18.740	20.077	166.776	25.483	0.050
0.678	3.192	3.42%	7.09%	0.770	0.038	18.881	20.209	166.777	25.667	0.050
0.994	3.113	4.94%	6.93%	0.763	0.038	18.752	20.040	166.776	25.433	0.050
1.117	3.074	5.52%	6.83%	0.750	0.038	18.481	19.738	166.776	25.016	0.050
1.212	3.055	5.97%	6.81%	0.736	0.037	18.166	19.198	166.776	24.549	0.050
1.193	3.009	5.90%	6.72%	0.693	0.035	17.140	18.295	166.776	23.048	0.050
1.113	2.972	5.64%	6.66%	0.613	0.033	16.414	16.714	166.776	21.908	0.050
0.935	2.817	4.73%	6.31%	0.558	0.028	14.045	14.951	166.775	18.612	0.050
0.787	2.698	4.03%	6.06%	0.501	0.025	12.680	13.470	166.774	16.694	0.050
0.260	2.556	5.39%	5.76%	0.359	0.017	8.957	9.025	166.774	11.627	0.050
0.138	2.531	0.75%	5.71%	0.258	0.013	6.627	7.024	166.772	8.589	0.050
0.109	3.095	0.62%	6.89%	0.026	0.001	0.663	0.712	166.770	0.867	0.050
0.293	3.475	2.42%	7.67%	0.093	0.005	-2.350	-2.545	166.771	-3.102	-0.050
0.409	4.285	3.48%	9.28%	0.279	0.014	-6.879	-7.575	166.773	-9.289	-0.050
0.077	4.593	0.48%	9.88%	0.326	0.016	-7.983	-8.845	166.773	-10.874	-0.050
0.573	4.998	3.81%	9.89%	0.382	0.019	-9.316	-10.318	166.778	-12.725	-0.050
0.982	4.516	6.00%	9.73%	0.391	0.020	-9.560	-10.568	166.773	-13.042	-0.050
1.094	4.414	7.81%	9.53%	0.398	0.020	-9.749	-10.924	166.773	-13.275	-0.050
0.989	3.932	6.81%	8.58%	0.405	0.020	-10.007	-10.924	166.773	-13.492	-0.050
0.954	3.624	6.54%	8.94%	0.398	0.020	-9.913	-10.753	166.773	-13.275	-0.050
0.909	2.847	6.19%	6.30%	0.386	0.019	-9.786	-10.436	166.773	-12.875	-0.050
1.054	2.561	7.21%	5.76%	0.372	0.019	-9.498	-10.067	166.773	-12.408	-0.050
1.080	2.422	7.39%	5.40%	0.367	0.018	-9.402	-9.934	166.773	-12.241	-0.050
0.611	2.479	4.01%	5.59%	0.340	0.017	-8.711	-9.218	166.773	-11.841	-0.050
0.547	2.536	3.54%	5.71%	0.316	0.016	-8.083	-8.565	166.773	-10.523	-0.050
0.107	2.522	0.67%	5.68%	0.292	0.015	-7.479	-7.924	166.772	-9.723	-0.050
0.004	2.462	0.00%	5.52%	0.295	0.015	-7.451	-7.883	166.772	-9.673	-0.050
0.149	2.440	0.94%	5.51%	0.297	0.015	-7.632	-8.071	166.773	-9.906	-0.050
0.134	2.419	0.85%	5.46%	0.302	0.015	-7.762	-8.205	166.773	-10.073	-0.050
0.069	2.389	5.40%	5.40%	0.303	0.015	-7.952	-8.223	166.773	-10.266	-0.050
0.104	2.408	0.66%	5.44%	0.306	0.015	-7.866	-8.312	166.773	-10.206	-0.050
0.293	2.449	1.89%	5.52%	0.344	0.017	-8.805	-9.311	166.773	-11.457	-0.050
0.144	2.439	2.25%	5.50%	0.380	0.019	-9.711	-10.265	166.773	-12.658	-0.050
0.455	2.526	3.09%	6.68%	0.459	0.023	-11.666	-12.888	166.774	-15.110	-0.050
0.419	2.655	2.87%	5.95%	0.497	0.025	-12.552	-13.319	166.774	-16.561	-0.050
0.439	2.790	3.04%	6.24%	0.515	0.026	-12.965	-13.795	166.774	-17.178	-0.050
0.446	2.907	4.48%	6.48%	0.524	0.026	-13.149	-14.026	166.774	-17.478	-0.050
0.675	2.831	4.47%	6.32%	0.509	0.025	-12.808	-13.641	166.774	-16.978	-0.050
0.569	2.549	3.88%	5.73%	0.450	0.022	-11.426	-12.101	166.774	-14.993	-0.050
0.376	2.468	3.88%	5.60%	0.430	0.021	-10.703	-11.331	166.774	-13.982	-0.050
0.504	2.497	3.34%	5.62%	0.385	0.019	-9.836	-10.410	166.773	-12.842	-0.050
0.194	2.739	1.23%	6.14%	0.302	0.015	-7.707	-8.205	166.773	-10.073	-0.050
0.037	2.811	0.23%	6.29%	0.253	0.013	-6.447	-6.876	166.772	-8.421	-0.050
0.139	2.874	0.83%	6.47%	0.287	0.014	-7.007	-7.449	166.772	-8.527	-0.050
0.470	2.802	2.70%	6.28%	0.110	0.005	-2.808	-2.996	166.771	-3.652	-0.050
0.553	2.754	3.16%	6.17%	0.101	0.005	-2.580	-2.750	166.771	-3.352	-0.050
0.457	2.749	2.16%	6.16%	0.122	0.006	-3.157	-3.364	166.771	-3.903	-0.050
0.456	2.748	2.64%	6.16%	0.128	0.006	-3.272	-3.487	166.771	-4.253	-0.050
0.460	2.730	2.65%	6.12%	0.117	0.006	-2.992	-3.187	166.771	-3.886	-0.050
0.454	2.732	2.62%	6.11%	0.109	0.006	-2.838	-3.023	166.771	-3.686	-0.050
0.316	2.772	1.83%	6.21%	0.109	0.005	-2.784	-2.968	166.771	-3.619	-0.050
0.252	2.792	1.47%	6.25%	0.108	0.005	-2.757	-2.941	166.771	-3.586	-0.050
0.132	2.852	0.77%	6.38%	0.108	0.005	-2.754	-2.941	166.771	-3.586	-0.050
0.092	2.882	0.44%	6.44%	0.108	0.005	-2.752	-2.941	166.771	-3.586	-0.050
0.114	2.922	0.68%	6.53%	0.106	0.005	-2.711	-2.900	166.771	-3.536	-0.050
0.137	2.943	0.81%	6.57%	0.103	0.005	-2.633	-2.818	166.771	-3.455	-0.050
0.184	2.965	1.07%	6.62%	0.094	0.005	-2.402	-2.572	166.771	-3.245	-0.050
0.197	2.985	1.17%	6.66%	0.091	0.005	-2.325	-2.490	166.771	-3.035	-0.050
0.041	2.985	0.24%	6.66%	0.093	0.005	-2.363	-2.531	166.771	-3.085	-0.050
0.048	2.985	0.28%	6.66%	0.095	0.005	-2.414	-2.586	166.771	-3.132	-0.050
0.166	2.974	0.97%	6.64%	0.097	0.005	-2.466	-2.641	166.771	-3.219	-0.050
0.222	2.964	1.29%	6.62%	0.096	0.005	-2.441	-2.613	166.771	-3.185	-0.050
0.275	2.946	1.59%	6.58%	0.087	0.004	-2.212	-2.367	166.771	-2.885	-0.050
0.277	2.937	1.60%	6.56%	0.085	0.004	-2.161	-2.313	166.771	-2.818	-0.050
0.277	2.926	1.60%	6.54%	0.087	0.004	-2.226	-2.381	166.771	-2.902	-0.050
0.294	2.905	1.70%	6.49%	0.094	0.005	-2.394	-2.559	166.771	-3.119	-0.050
0.308	2.895	1.80%	6.47%	0.095	0.005	-2.415	-2.586	166.771	-3.152	-0.050
0.354	2.875	2.04%	6.43%	0.094	0.005	-2.394	-2.559	166.771	-3.119	-0.050
0.382	2.855	2.20%	6.39%	0.093	0.005	-2.383	-2.545	166.771	-3.102	-0.050
0.434	2.835	2.46%	6.34%	0.096</						

0.235	2.766	1.38%	6.20%	0.137	0.007	-3.501	-3.732	166.771	-4.553	-0.050
0.227	2.766	1.33%	6.20%	0.137	0.007	-3.514	-3.746	166.771	-4.570	-0.050
0.219	2.766	1.29%	6.20%	0.138	0.007	-3.527	-3.759	166.771	-4.586	-0.050
0.210	2.766	1.24%	6.20%	0.140	0.007	-3.591	-3.827	166.771	-4.670	-0.050
0.199	2.765	1.17%	6.20%	0.142	0.007	-3.642	-3.882	166.771	-4.736	-0.050
0.193	2.765	1.14%	6.20%	0.143	0.007	-3.667	-3.909	166.771	-4.770	-0.050
0.190	2.765	1.12%	6.20%	0.145	0.007	-3.706	-3.950	166.771	-4.820	-0.050
0.172	2.765	1.01%	6.20%	0.145	0.007	-3.719	-3.963	166.771	-4.836	-0.050
0.155	2.764	0.92%	6.19%	0.148	0.007	-3.795	-4.045	166.771	-4.936	-0.050
0.159	2.774	0.94%	6.22%	0.149	0.007	-3.820	-4.072	166.771	-4.970	-0.050
0.148	2.774	0.88%	6.21%	0.151	0.008	-3.871	-4.127	166.771	-5.036	-0.050
0.130	2.783	0.77%	6.24%	0.152	0.008	-3.881	-4.140	166.771	-5.053	-0.050
0.120	2.783	0.73%	6.24%	0.152	0.008	-3.881	-4.140	166.771	-5.053	-0.050
0.112	2.793	0.67%	6.26%	0.152	0.008	-3.895	-4.154	166.771	-5.070	-0.050
0.115	2.793	0.68%	6.26%	0.153	0.008	-3.908	-4.168	166.771	-5.087	-0.050
0.117	2.793	0.69%	6.26%	0.153	0.008	-3.921	-4.181	166.771	-5.103	-0.050
0.109	2.793	0.65%	6.26%	0.154	0.008	-3.933	-4.195	166.771	-5.120	-0.050
0.101	2.793	0.60%	6.26%	0.154	0.008	-3.946	-4.208	166.771	-5.137	-0.050
0.091	2.793	0.54%	6.26%	0.154	0.008	-3.946	-4.208	166.771	-5.137	-0.050
0.081	2.793	0.48%	6.26%	0.154	0.008	-3.946	-4.208	166.771	-5.137	-0.050
0.079	2.793	0.47%	6.26%	0.154	0.008	-3.933	-4.195	166.771	-5.120	-0.050
0.069	2.793	0.41%	6.26%	0.154	0.008	-3.933	-4.195	166.771	-5.120	-0.050
0.071	2.793	0.42%	6.26%	0.154	0.008	-3.946	-4.208	166.771	-5.137	-0.050
0.071	2.803	0.42%	6.28%	0.154	0.008	-3.945	-4.208	166.771	-5.137	-0.050
0.069	2.803	0.41%	6.28%	0.154	0.008	-3.932	-4.195	166.771	-5.120	-0.050
0.079	2.803	0.47%	6.28%	0.154	0.008	-3.932	-4.195	166.771	-5.120	-0.050
0.077	2.803	0.46%	6.28%	0.153	0.008	-3.920	-4.181	166.771	-5.103	-0.050
0.087	2.803	0.52%	6.28%	0.153	0.008	-3.920	-4.181	166.771	-5.103	-0.050
0.093	2.803	0.55%	6.28%	0.155	0.008	-3.958	-4.222	166.771	-5.153	-0.050
0.096	2.803	0.57%	6.28%	0.155	0.008	-3.971	-4.236	166.771	-5.170	-0.050
0.112	2.802	0.67%	6.28%	0.157	0.008	-4.009	-4.276	166.771	-5.220	-0.050
0.116	2.802	0.69%	6.27%	0.158	0.008	-4.035	-4.304	166.771	-5.253	-0.050
0.121	2.792	0.72%	6.25%	0.159	0.008	-4.061	-4.331	166.771	-5.287	-0.050
0.123	2.792	0.73%	6.25%	0.159	0.008	-4.074	-4.344	166.771	-5.303	-0.050
0.125	2.792	0.74%	6.25%	0.160	0.008	-4.087	-4.358	166.771	-5.320	-0.050
0.123	2.792	0.73%	6.25%	0.159	0.008	-4.074	-4.344	166.771	-5.303	-0.050
0.125	2.792	0.74%	6.25%	0.160	0.008	-4.087	-4.358	166.771	-5.320	-0.050
0.127	2.782	0.76%	6.23%	0.160	0.008	-4.100	-4.372	166.771	-5.337	-0.050
0.125	2.782	0.74%	6.23%	0.160	0.008	-4.087	-4.358	166.771	-5.320	-0.050
0.125	2.782	0.74%	6.23%	0.160	0.008	-4.087	-4.358	166.771	-5.320	-0.050
0.125	2.782	0.74%	6.23%	0.160	0.008	-4.087	-4.358	166.771	-5.320	-0.050
0.135	2.782	0.80%	6.23%	0.160	0.008	-4.087	-4.358	166.771	-5.320	-0.050
0.155	3.171	2.69%	7.05%	0.000	0.000	0.000	0.000	166.770	0.000	0.000