

R	Insertase-pH6	Fit	residue	Mo-Oxo	Mo-Oxo-5	Mo-O	Mo-O-10	Mo-S	Mo-S-15
0.000000000	-0.1051106560	-0.2272799981	-0.021891630	-0.0218999989	-5.0953009773	0.0724000017	0.0724000037	-0.04610000367	-14.09759991
0.0007000000	0.2373245060	0.3306617439	-0.0552399983	0.2840104997	-4.715898590	-0.006450000219	-10.00644970	0.05310000107	-14.94690001
0.0614000001	0.4000183642	0.4505870640	-0.0505999973	0.4719402790	-4.528059959	-0.04610000178	-10.04609966	0.02470000088	-14.97529984
0.0920000018	0.3026920557	0.3976826668	-0.0949999881	0.4679578841	-4.532042027	-0.06140000001	-10.06140041	-0.00891999935	-15.00891972
0.1227184609	0.0179999923	0.2037907243	-0.1857807934	0.2988190353	-4.701180935	-0.05359999835	-10.05360031	-0.04149999842	-15.04100059
0.1533980817	-0.2891508341	-0.0252000003	-0.2639152110	0.07720000297	-4.922800064	-0.03539999947	-10.03540039	-0.06700000167	-15.06700039
0.1840776950	-0.44547531274	-0.1657523106	-0.2791868357	-0.0579999902	-5.0529000148	-0.08219999820	-10.08220095	-0.08219999820	-15.08220095
0.2147573084	-0.3550521135	-0.1414587259	-0.2135942876	-0.0241999987	-5.024199963	-0.03020000085	-10.03020000	-0.08709999919	-15.08710003
0.2454369366	-0.0463999994	0.03640000150	-0.08290000260	0.1759212315	-4.824078560	-0.05490000173	-10.05490017	-0.08460000157	-15.08460045
0.2761165500	0.3418682218	0.2747097313	0.06719999760	0.4401919544	-4.559808254	-0.08669999987	-10.08670044	-0.07880000025	-15.07880020
0.3067961633	0.6289041638	0.4461968941	0.1827072799	0.6295368871	-4.370463371	-0.1009955809	-10.100990557	-0.07419999689	-15.07419968
0.3374757767	0.6799811125	0.4557438195	0.2242372930	0.6398313642	-4.260168457	-0.1100337207	-10.11003399	-0.07410000265	-15.074100954
0.3681553900	0.4726546109	0.2898170550	0.1828375310	0.4576268196	-4.542371580	-0.08920000291	-10.08920000	-0.07959999889	-15.07960033
0.3988350034	0.1085564792	0.0241999987	0.0842999650	0.168259932	-4.831739902	-0.0542999903	-10.05430031	-0.08969999850	-15.08969975
0.4295146167	-0.2350257933	-0.2141852826	-0.02080000006	-0.08810000122	-5.088099957	-0.02520000003	-10.02519989	-0.1008611917	-15.10086155
0.4601942301	-0.3907040656	-0.3126223683	-0.07810000330	-0.1897612065	-5.189761162	-0.01489999983	-10.01490021	-0.1080002168	-15.10800026
0.4908738434	-0.2825874388	-0.2304321527	-0.05220000073	-0.09740000218	-5.097400188	-0.02679999918	-10.02680016	-0.1062391177	-15.10623932
0.5215534568	0.03559999913	-0.02050000057	0.05600000173	0.124544236	-4.875453472	-0.05189999930	-10.05189991	-0.09309999645	-15.09309959
0.5522330999	0.4044518173	0.1978582293	0.2065935880	0.3418570757	-4.658143044	-0.07360000163	-10.07359982	-0.07039999962	-15.07040024
0.5829126835	0.6350516081	0.3008213043	0.3342033038	0.4215437770	-4.578456402	-0.07660000026	-10.07660007	-0.04410000145	-15.04409981
0.6135923266	0.5999392867	0.2255911231	0.3743481338	0.3038708866	-4.696129322	-0.05579999834	-10.05580044	-0.02250000089	-15.02250004
0.6442719102	0.2969160974	0.00512999947	0.2917868972	0.03699999992	-4.963300228	-0.01909999922	-10.01910919	-0.01250000019	-15.01249991
0.6749515533	-0.1462638080	-0.2464940846	0.1002302691	-0.2469702363	-5.246970177	0.01649999991	-9.983499527	-0.01600000076	-15.01599997
0.7056311369	-0.5291973352	-0.3918191466	-0.137581737	-0.397331715	-4.966199875	0.03279999846	-9.966199875	-0.0283000295	-15.02830295
0.7363107800	-0.6719164848	-0.3420999384	-0.3298170865	-0.3279514015	-5.327951431	0.02520000003	-9.974800110	-0.03929999843	-15.03929996
0.7669903636	-0.5002077818	-0.1061893627	-0.3940184116	-0.06469999999	-5.064700127	-0.00289999963	-10.00289996	-0.03849999979	-15.03849983
0.7976700068	-0.08290000260	0.2094719112	-0.2922388779	0.2627388779	-4.737264156	-0.032900000185	-10.03289986	-0.02040000005	-15.02040005
0.8283496499	0.3970367312	0.4522307217	-0.05519999936	0.485439031	-4.514564037	-0.0454999908	-10.04549980	0.01229999954	-14.98770046
0.8590292335	0.7259796246	0.5907996246	0.2205791926	0.4825078033	-4.517492394	-0.03020000008	-10.03020000	0.04850000143	-14.95149990
0.8897088766	0.7461432219	0.3297846019	0.4163564697	0.2471920252	-4.752808094	0.008659999818	-9.991339684	0.07389999926	-14.92609978
0.9203884602	0.4437189102	0.02690000087	0.4168454111	-0.1049427465	-5.104942799	0.05330000073	-9.946700096	0.07850000262	-14.92150021
0.9510681033	-0.06539999694	-0.2485601008	0.1831531823	-0.3923786283	-5.392378807	0.08179999888	-9.918199959	0.06199999899	-14.93799973
0.9817476869	-0.5800970197	-0.3466658952	-0.2334311604	-0.4619288637	-5.461928844	0.07999999821	-9.920000076	0.03530000150	-14.96469975
1.012427330	-0.9058232307	-0.2077051550	-0.6981180310	-0.2729453146	-5.272945404	0.04960000142	-9.950400352	0.01559999958	-14.98439980
1.0431016914	-0.9852943252	-0.1003381175	-1.0303381175	-0.0737006033	-4.991470337	0.018100000226	-9.991470337	0.00853000023	-14.99147033
1.073786616	-0.6892283559	0.4095247686	-1.098753214	0.3804177344	-4.619852176	-0.01000000092	-10.01009978	0.04720000178	-14.95279980
1.104466200	-0.2836221755	0.5347441435	-0.8183662891	0.4523336887	-4.547666550	-0.01109999977	-10.01109982	0.09350000322	-14.90649986
1.135145783	0.1273436248	0.3716952503	-0.2443516254	0.2022407204	-4.797759056	0.03200000152	-9.968000412	0.1374845803	-14.86251545
1.165825367	0.4288640856	-0.04600000181	0.4694472253	-0.2941464782	-5.294146538	0.094400000355	-9.905999594	0.1591974795	-14.84080219
1.196504951	0.5851897597	-0.5286505818	1.113840342	-0.8256874084	-5.825687408	0.1478583515	-9.85241380	0.1491784751	-14.85082150
1.227184653	-0.628127567	-0.868559227	-1.485172739	-1.148191452	-6.148191452	0.1675256300	-9.832747459	0.1142789813	-14.88562107
1.257864237	0.6067988873	-0.8943050504	1.501103997	-1.113961339	-6.113961220	0.1440252066	-9.855975151	0.07559999824	-14.92440033
1.288543940	0.5238781341	-0.6135406494	1.136927843	-0.7624520063	-5.762452126	0.09189999849	-9.908100128	0.05710000172	-14.94289970
1.31922523	0.3126375079	-0.2071240842	0.5197610627	-0.3200409710	-5.320040971	0.04500000000	-9.900000000	0.07240000363	-14.92759991
1.349903107	-0.1280972064	0.03759999946	-0.1656513065	-0.09870000184	-5.098700047	0.02030000091	-9.979700039	0.1159438193	-14.88405609
1.380582690	-0.8570804293	-0.1264016235	-0.7314571625	-0.1372116109	-5.1372116109	0.04500000000	-9.900000000	0.0934166100	-14.93741661
1.411262274	-1.799060345	-0.7523672581	-1.046630807	-1.036734700	-6.036734581	0.1047506109	-9.895249367	0.1796168238	-14.82038307
1.441941857	-2.702727318	-1.630714059	-1.072013259	-1.939180851	-6.939180851	0.1648227721	-9.835177422	0.1436440051	-14.85635567
1.472621560	-3.185004711	-2.326409340	-0.8589593712	-2.567719221	-7.567719460	0.1865292341	-9.813470880	0.05480000004	-14.94519997
1.503301144	-2.863555670	-2.347006321	-0.5165492892	-2.432138920	-7.432138920	0.1453387141	-9.854660948	-0.06019999832	-15.06019974
1.533998046	-1.533147454	-1.365131021	-0.1660164337	-1.252178073	-6.252178192	0.04589999840	-9.954099655	-0.1588463485	-15.15884950
1.564660430	0.629287965	0.590721387	0.0954999982	0.875973619	-4.875973619	-0.07800000161	-10.07800000	-0.03070000000	-15.03070000
1.595340014	3.328458309	3.092223644	0.2362346649	3.454484224	-1.545515776	-0.1791279465	-10.17912796	-0.1831326932	-15.18313310
1.626019597	5.651795864	5.382479191	0.2693164349	5.724976540	0.7249765396	-0.2223444730	-10.22234440	-0.1201525703	-15.12015247
1.656699300	6.901684761	6.659991741	0.2416930497	6.930298328	1.930298328	-0.2057856470	-10.20578575	-0.06449999660	-15.06449986
1.687378883	6.565288067	6.360918522	0.2043700069	6.596999168	1.596999168	-0.1670724452	-10.16707230	-0.06899999827	-15.06900024
1.718058467	4.585313320	4.39545837	0.1898576617	4.724998951	-0.2750010490	-0.1681043506	-10.16810417	-0.1614389271	-15.16143894
1.748738050	1.418586892	1.215321064	0.2032473534	1.805324674	-3.194675446	-0.263476565	-10.26347542	-0.2265278935	-15.22652762
1.779417753	-2.091541767	-2.319225311	0.2276837230	-1.344682336	-6.344682217	-0.4662701190	-10.46627045	-0.5082729459	-15.50827312
1.810097337	-4.989090919	-5.227771759	0.2386808544	-3.865590572	-8.865590572	-0.7282565832	-10.72825623	-0.6339246631	-15.63392448
1.840776920	-6.525922775	-6.744849205	-0.289262956	-5.148827076	-10.14882600	-0.9467523694	-10.94675255	-0.6926999981	-15.69269981
1.871456623	-6.406494617	-6.573106766	0.1666122526	-5.02617338	-10.02612686	-0.9992209673	-10.99922085	-0.5477589965	-15.54775906
1.902136207	-4.864096642	-4.958698259	0.0945999949	-3.78768126	-8.78768126	-0.9376618709	-10.93766179	-0.3771519661	-15.37715149
1.932815790	-2.542462111	-2.564843416	0.0223999920	-2.032624245	-7.032624245	-0.3150013685	-10.31500149	-0.2172176689	-15.21721745
1.963495374	-0.234670826	-0.2006819844	-0.0340000185	-0.4196144938	-5.419614315	0.3554259539	-9.644574165	-0.1364934593	-15.13649368
1.994174957	1.413007259	1.482098460	-0.0690999996	0.5752683282	-4.424731731	1.055161834	-8.944838524	-0.1483316272	-15.14833161
2.024854660	2.114417315	2.203627110	-0.08919999748	0.8023921251	-4.197607994	1.591112375	-8.408887863	-0.1898775250	-15.18987751
2.055534363	1.994933367	2.102596045	-0.1076626331	0.4866700947	-4.563239697	1.805367231	-8.194632530	-0.1394412071	-15.13944120
2.086213827	1.472385049	1.609552145	-0.1371672581	-0.1517448129	-5.151744813	1.631890059	-8.36810970	0.1294900000	-14.87059907
2.11689350	1.030126452	1.213148117	-0.1830215454	-0.5857830243	-5.585783024	1.121534109	-8.784656562	0.6773971915	-14.32260323
2.147572994	0.9864706397	1.226559281	-0.2400887012	-0.6436012803	-5.643601161	0.4251108766	-9.574889183	1.444509745	-13.55549049
2.178252697	1.359963179	1.654605627							

2.791845083	-0.4904618859	-0.08959999681	-0.4008704126	0.2751134038	-4.724886417	-0.06830000132	-0.06830025	-0.2964032590	-15.29640293
2.822325458	-0.6282350530	-0.0499999970	-0.783224458	0.1947275130	-4.095522442	-0.1202000000	-0.1202000000	-0.1202000000	-15.12020000
2.852302450	-0.7528458238	0.1234769276	-0.783227463	0.00518999938	-4.994810104	0.05189999938	-9.948100090	0.06639999986	-14.93360403
2.883883953	-0.7184126973	0.07220000029	-0.7905752063	-0.1999279261	-5.199927807	0.1110737026	-9.888926506	0.1610167325	-14.83898354
2.914563417	-0.5938226581	-0.05909999833	-0.5347584486	-0.3255426586	-5.325542450	0.1317219138	-9.868278503	0.1347565204	-14.86524391
2.945243120	-0.4010872245	-0.1836711615	-0.2174160480	-0.3212515712	-5.321251392	0.1074199602	-9.892580032	0.03020000085	-14.96980000
2.975922585	-0.1864630729	-0.2232303470	0.03680000082	-0.2035455257	-5.203545570	0.05359999835	-9.946399889	-0.07329999985	-15.07330036
3.006602287	-0.01679999940	-0.150528505	0.1337773055	-0.04209999943	-5.042099980	-0.01460000000	-10.014600000	-0.1059461087	-15.10594610
3.037281990	0.04479999840	-0.000806000255	0.04560000077	0.07389999926	4.926099777	-0.03139999881	-10.03139973	-0.04329999909	-15.04329967
3.067961693	-0.02940000035	0.1508232429	-0.1802208275	0.09000000358	-4.909999847	-0.02429999970	-10.02429962	0.08510000259	-14.91489983
3.098641157	-0.2102684826	0.2306556851	-0.4409241378	0.003180000000	-4.996819973	0.01250000019	-9.987500191	0.2150136530	-14.78498650
3.129320860	-0.4166432917	0.2035655528	-0.6202088594	-0.1355794668	-5.135579586	0.05719999969	-9.942799568	0.2819276750	-14.71807194
3.1600000324	-0.5467497110	0.08760000020	-0.6346598502	-0.2510929108	-5.251092911	0.08590001223	-9.914099693	0.2528099418	-14.74719048
3.1906900027	-0.5232000947	-0.05920000002	-0.4640388191	-0.2832801044	-5.283279896	0.08389999717	-9.916099548	0.1401180622	-14.85981941
3.221359730	-0.3007000730	-0.1707229167	-0.1592861563	-0.2165461332	-5.216546059	0.05279999971	-9.947199821	-0.006949999835	-15.00695038
3.252039194	-0.02309999987	-0.2058464438	0.1827532947	-0.08519999683	-5.085199933	0.008070000447	-9.991930008	-0.1287368536	-15.12873650
3.282718897	0.2917472720	-0.1654018760	0.4571941880	0.04659999907	-4.953400135	-0.02910000086	-10.02910042	-0.1829215139	-15.18292141
3.313998600	0.5036255121	-0.09680000156	0.5903835297	0.1183855012	-4.881614685	-0.04280000180	-10.04279995	-0.1622994840	-15.16229916
3.344078064	-0.5434644618	-0.02030000091	0.5637864140	0.1037246883	-4.896275520	-0.03020000085	-10.03020000	-0.09380000085	-15.09379959
3.374757767	-0.4115809798	-0.00182999965	0.4134066105	0.00129999921	-4.978700161	-0.00159999960	-10.00160027	-0.02150000073	-15.02149963
3.405437231	0.1741662025	-0.03489999846	0.2091057450	-0.07710000128	-5.077099800	0.02549999952	-9.974499702	0.01669999957	-14.98330021
3.436116934	-0.06819999963	-0.09239999950	0.02419999987	-0.1344979554	-5.134498119	0.03559999913	-9.964400291	0.006529999897	-14.99347019
3.466796637	-0.2242331356	-0.1345287774	-0.0980000222	-0.1179317012	-5.117931843	0.02280000038	-9.977199554	-0.03830000013	-15.03829956
3.497476101	-0.2472067939	-0.1735100708	-0.1197867231	-0.03900000015	-5.039389984	-0.00662000117	-10.00662001	-0.08699999750	-15.08699999
3.528155804	-0.1480578631	-0.07079999994	-0.07729999721	0.07600000265	-4.076020130	-0.03819999844	-10.03820033	-0.091920618	-15.10932017
3.558835506	0.01889999956	0.01219999976	0.006730000023	0.161453365	-4.838546753	-0.05700000003	-10.05700016	-0.09220000356	-15.09220028
3.589514971	0.1845806986	0.08219999820	0.1023827419	0.1823627502	-4.817637444	-0.05530000106	-10.05529976	-0.04490000010	-15.04499994
3.620194674	0.2955147474	0.1065736413	0.1889438894	0.1351457834	-4.864854336	-0.03559999913	-10.03559993	0.007079999884	-14.99291992
3.650874376	0.3306775093	0.07609999925	0.2547546565	0.04919999938	-4.950799942	-0.009429999627	-10.00942993	0.03629999980	-14.96370029
3.681553841	0.2987884452	0.02973999912	0.230467305	-0.02973999912	-4.862390548	0.00365999981	-9.990340233	0.02859999981	-14.97140028
3.712233543	0.2282934934	-0.05739999935	0.2856566611	-0.05939999968	-5.059400082	-0.01250000019	-9.987500191	-0.01049999986	-15.01049995
3.742913008	0.1398499757	-0.08910000324	0.228988101	-0.02950000018	-5.029500008	-0.00104999963	-10.00105000	-0.05860000104	-15.05860043
3.773592710	0.04670000076	-0.06970000267	0.1164097413	0.04210000113	-4.957900047	-0.02280000038	-10.02280045	-0.08910000324	-15.08909988
3.804272413	-0.04820000008	-0.00899999613	-0.03920000046	0.1159490496	-4.884050846	-0.04050000012	-10.04049969	-0.08439999819	-15.08440018
3.834952116	-0.1414237171	0.06300000101	-0.2044283450	0.1528496444	-4.847150326	-0.04470000044	-10.04469967	-0.04509999976	-15.04510021
3.865631580	0.2199991494	0.1120876007	-0.320047305	0.1337602437	-4.862390548	-0.03239999982	-9.990340233	0.01239000044	-14.98869991
3.896311283	-0.2616739571	-0.1170256063	-0.378695709	0.06830000132	-4.931700230	-0.01099999994	-10.01099968	0.05970000103	-14.94029999
3.926990747	-0.2450190037	0.07940000296	-0.3244214952	-0.01130000036	-5.011300087	0.01070000045	-9.989299774	0.07999999821	-14.92000008
3.957670450	-0.1643692255	0.02150000073	-0.1858760267	-0.06759999692	-5.067599773	0.02250000089	-9.977499962	0.06660000235	-14.93340015
3.988349915	-0.03970000148	-0.02600000054	-0.013700000001	-0.07689999789	-5.076800000	0.02019999921	-9.979800224	0.03060000017	-14.96940041
4.019029617	0.08640000224	-0.03999999911	0.1263813972	-0.04019999877	-5.040200233	0.007029999979	-9.992970467	-0.00686000081	-15.00685978
4.049709320	-0.1650111526	-0.01600000076	0.1809875518	0.01840000041	-4.981598088	-0.00858000019	-10.008580021	-0.02569999918	-15.02569962
4.080389023	0.1640671194	0.03070000000	0.1333454251	0.06499999762	-4.934999943	-0.01740000024	-10.01739979	-0.01689999923	-15.01690006
4.111068726	0.08519999683	0.07379999757	0.01140000019	0.07389999926	-4.926099777	-0.01420000009	-10.01420021	0.01410000026	-14.98599993
4.141747952	-0.03489999846	0.08980000000	-0.1247438490	0.03959999979	-4.900400105	0.0026500000097	-10.0026512	0.05050000176	-14.94950008
4.172427654	-0.1407665461	0.07010000199	-0.2108726948	-0.02119999938	-5.021200180	0.01769999973	-9.982299805	0.07360000163	-14.92640018
4.203107357	-0.154303330	-0.01730000000	-0.2004349425	-0.07193999979	-5.071939979	0.03100999979	-9.960990742	-0.01297000018	-14.92700000
4.233787060	-0.1543831229	-0.02580000088	-0.1285661012	-0.1076506255	-5.107650575	0.03390000015	-9.966099739	0.04800000042	-14.95199966
4.264467663	-0.07320000231	-0.05689999834	-0.01630000025	-0.09570000321	-5.095699787	0.02549999952	-9.974499702	0.01329999976	-14.98670006
4.295145988	0.005849999841	-0.05689999834	0.06270000039	-0.05279999971	-5.0528000179	0.01080000028	-9.989199638	-0.01480000000	-15.01480007
4.325825691	0.03269999847	-0.02940000035	0.06210000068	-0.002769999905	-5.002769947	-0.00251000020	-10.00251007	-0.02410000004	-15.02410030
4.356505394	-0.01140000019	0.008440000005	-0.01989999972	0.02889999934	-4.971099854	-0.008030000143	-10.00802994	-0.01240000036	-15.01239967
4.387185097	-0.1003953367	0.05590999913	-0.1359762996	0.02739999911	-5.027399971	-0.00740000073	-9.99470431	-0.01440000073	-14.98599998
4.417864799	-0.173360458	0.03700000081	-0.2112983614	-0.002779999899	-5.002780235	0.00725999986	-9.992793677	0.03299999982	-14.96700001
4.448544502	-0.1660014540	0.01489999983	-0.180904247	-0.04340000078	-5.043399811	0.01860000007	-9.981399536	0.03970000148	-14.96030045
4.479223728	-0.04720000178	-0.02109999955	-0.02600000054	-0.07240000367	-5.072400093	0.02390000038	-9.976099968	0.02740000002	-14.97259998
4.509903431	0.1578210282	-0.05180000141	0.2096512169	-0.07360000163	-5.073599815	0.02030000001	-9.979700089	0.001429999994	-14.99857044
4.540583124	0.3711039126	-0.06210999982	0.4335011052	-0.04589999840	-5.045899868	0.00942000017	-9.990579605	-0.02600000054	-15.02600002
4.571262836	0.4939934015	-0.04890000075	0.542904434	-0.00271999989	-5.002719879	-0.00365000006	-10.003649971	-0.04250000045	-15.04250094
4.601942539	0.4532098174	-0.01960000023	0.472827258	0.03530000150	-4.964700222	-0.01290000044	-10.01290035	-0.04210000113	-15.04209995
4.632621765	0.2397279441	0.00979999624	0.2297527045	0.05150000006	-4.948500156	-0.01460000034	-10.01460000	-0.02690000087	-15.02690029
4.663301468	-0.07949999720	0.02520000003	-0.1047075465	0.04069999978	-4.959300041	-0.00899000002	-10.00890029	0.006529999897	-15.00652991
4.693981171	-0.3846803606	0.01700000006	-0.4043543935	0.01599999985	-4.988399982	5.569999848e-05	-9.999944687	0.008000000380	-14.99199963
4.724660873	-0.5528782010	-0.00221999908	-0.5505582865	-0.01889999956	-5.018899918	0.00720000029	-9.99279732	0.009479999542	-14.99052048
4.75340576	-0.5121261477	-0.02800000086	-0.4840933681	-0.03444999914	-5.034500122	0.00848999920	-9.991510391	-0.001979999943	-15.00197983
4.786020279	-0.2755111558	-0.04399999976	-0.2314681560	-0.02759999968	-5.027599812	0.003079999937	-9.996919632	-0.01950000040	-15.01949978
4.816699505	0.06150000170	-0.04219999909	0.1037291214	-0.002510000020	-5.002510071	-0.00631000084	-10.00631046	-0.03339999914	-15.03339958
4.847379208	0.3606030941	-0.02380000055	0.3843661249	0.02749999985	-4.972499847	-0.01510000043	-10.01509953	-0.03620000184	-15.03619957
4.878058910	0.4995728731	0.00193000028	0.4976475239	0.04760000110	-4.952400208	-0.01909999922	-10.01910019	-0.02649999969	-15.02649975
4.908738613	0.4253102839	0.02600000032	0.4028655528	0.04870000109	-4.951300144	-0.01479999940	-10.01479993	-0.00932000017	-15.00932026
4.939418316	0.1763332321	0.00950000018	0.1468628943	0.03209999949	-4.967899799	-0.009619999677	-10.00961971	0.006969999988	-14.99302959
4									

5.614369869 -0.2000558972 -0.0126999985 -0.1873936802 -0.00918000052 -5.009180069 0.002439999953 -9.997559547 -0.005919999909 -15.00592041
5.6440490395 -0.0032399983 -0.0055999986 -0.00121000117 -4.998789737 -0.006159999963 -15.00515978
5.675728798 0.0157999984 0.00405000105 0.00975999812 0.00669000184 -9.993309975 -0.00101000007 -10.00100994 -0.00162999955 -15.00162983
5.706408501 0.1401468068 0.0104999986 0.1296512783 0.00552000122 -4.994480133 0.0002969999914 -9.999703407 0.004679999780 -14.99532032
5.737088203 0.2010409683 0.0111999960 0.1898821905 -0.000459000026 -5.000459194 0.002610000083 -9.997389793 0.009060000069 -14.990490049
5.767767906 0.1703822762 0.006329999771 0.1640558243 -0.007129999809 -5.007130146 0.004439999815 -9.995559692 0.009019999765 -14.99098015
5.798447609 0.06089999899 -0.00138999899 -0.00230000034 -0.0104999986 -5.010499954 0.004650000117 -9.995349884 0.004430000205 -14.99557018
5.823124825 -0.0834999985 -0.00808000258 -0.0754000230 -0.00856999898 -5.008570194 0.002510000020 -15.00251007
5.859806538 -0.2069874853 -0.0108000028 -0.1962266862 -0.00236000042 -5.002359867 0.0001999999949 -9.999799728 -0.008600000292 -15.00860023
5.890486240 -0.2632831931 -0.00865000207 -0.2546375692 0.00509000108 -4.994909763 -0.00251000020 -10.00251007 -0.01119999960 -15.01119995
5.921165943 -0.2315705270 -0.00328000063 -0.2282869667 0.01040000003 -4.989600182 -0.00402999953 -10.00403023 -0.009630000219 -15.00963020
5.951845646 -0.1220562309 0.00242000033 -0.1244748384 0.01150000002 -4.988500118 -0.00392000046 -10.00391960 -0.005169999786 -15.00516987
5.982524872 0.0295000018 0.005710000172 0.02380000055 0.008700000122 -4.991300106 -0.002570000011 -10.00257015 -0.0004819999891 -15.000481866
6.013204575 0.1750139447 0.00528999768 0.1697226316 0.00404000029 -4.995960236 -0.000896000275 -10.000896826 0.002150000073 -14.99785042
6.043884277 0.2694286108 0.00173000018 0.2677029073 0.000180000027 -4.999820232 0.0001279999997 -9.999872208 0.001419999986 -14.99879978
6.074563980 0.2842954397 -0.00300000026 0.2872942686 -0.001040000003 -5.001039982 1.470000007e-05 -9.999898595 -0.001979999943 -15.00197983
6.105243683 0.2153029591 -0.00657999812 0.2218784839 0.0006009999779 -4.999399185 -0.00107999958 -10.00107956 -0.006099999882 -15.00609970
6.135923386 0.08290000260 -0.00748000146 0.09040000290 0.00380000064 -4.996200085 -0.00248000025 -10.00247955 -0.00879999952 -15.00879955
6.166602612 -0.07360000163 -0.00599999800 -0.0680000370 0.00662000117 -4.993200070 -0.00304999988 -10.00304134 -0.008099999563 -15.00801004
6.197282314 -0.2076720744 -0.00210000001 -0.2055648267 0.00755000213 -4.992450237 -0.00340000045 -10.00339985 -0.006250000093 -15.00625038
6.227962017 -0.2784732282 0.00118999981 -0.2796602547 0.00615999978 -4.993840218 -0.00248000025 -10.00247955 -0.00249000101 -15.00249004
6.258641720 -0.2637684345 0.00273000066 -0.2664995193 0.003160000080 -4.996840000 -0.00112000030 -10.00111961 0.0006910000229 -14.99930859
6.283201423 -0.1674295664 0.00188999956 -0.1693180305 -0.0001809999958 -5.000181198 4.450000051e-05 -9.99995177 0.002030000091 -14.99796963
6.309000648 -0.01950000040 -0.0007850000270 -0.01860000007 -0.00276000061 -5.002759933 0.000575000128 -9.999424934 0.001309999963 -14.99869865
6.325600351 -0.1223205904 -0.00430000146 0.1366239044 -0.004079998 -5.004079819 0.000198000026 -10.000198999999 -15.00019798
6.381360054 0.2379100472 -0.00694000225 0.2448557111 -0.004370000213 -5.004370213 -0.0001929999999 -10.00019264 -0.002379999962 -15.00238037
6.412039757 0.2617229521 -0.00777000026 0.2694897652 -0.00416000011 -5.004159927 -0.000743000114 -10.00074291 -0.002859999891 -15.00286007
6.442719460 0.1958668232 -0.00651999821 0.2023916095 -0.003930000123 -5.003930092 -0.0008880000096 -10.000888787 -0.00170999982 -15.00170994
6.473399865 0.06369999796 -0.00377000068 0.06740000099 -0.00380000064 -5.003799915 -0.000529000117 -10.00052929 0.0005610000226 -14.99943924
6.504079389 -0.08200000291 -0.00549999948 -0.08766000029 -0.00362000020 -5.003620148 0.0001339999999 -9.99964658 0.002899999963 -14.99798988
6.534758091 -0.2063514739 0.001979999943 -0.2083300650 -0.003199999919 -5.003200054 0.0008459999808 -9.999154091 0.00433999985 -14.99565983
6.565437794 -0.2505144179 0.00312000008 -0.2536343038 -0.00257000011 -5.002570152 0.001270000008 -9.998729706 0.004420000128 -14.99557972
6.596117496 -0.2081229687 0.00274999985 -0.2108695358 -0.001979999943 -5.001979828 0.001339999959 -9.998660088 0.003389999969 -14.99660969
6.626797199 -0.0982000082 0.00136999954 -0.0996000217 -0.00173999978 -5.001739979 0.001139999949 -9.998860359 0.001970000009 -14.99802971
6.657474625 0.03689999878 -9.390000196e-05 0.03700000048 -0.00190000032 -5.001900196 0.0008619999862 -9.999137878 0.0009449999779 -14.99905491
6.689155128 0.03780000000 0.000130000190 0.1501290333 -0.00213999999 -5.002140045 0.000729999983 -9.999321964 0.0001370000000 -14.99922181
6.718835831 0.2039816878 -4.379999828e-05 0.2040254623 -0.00190000032 -5.001900196 0.000584000023 -9.999416351 0.001279999968 -14.99872017
6.749515533 0.1907340586 0.001919999951 0.1888142675 -0.000729000212 -5.000729084 0.0005530000199 -9.999446869 0.002099999925 -14.99790001
6.780195236 0.1258290410 0.004449999891 0.1213803589 0.001350000035 -4.998650074 0.0004630000003 -9.999537468 0.002640000079 -14.99736023
6.810874462 0.04160000011 0.006500000134 0.035100000184 0.003700000001 -4.996300220 0.0002589999931 0.002550000092 -14.99744987
6.841559455 -0.02920000069 0.00714999961 -0.02640000150 0.00519999997 -4.994679928 -1.390000034e-05 -10.00001433 0.001850000001 -14.99814987
6.872233868 -0.07820000031 0.059799997 -0.073799997 -0.00526999912 -4.994629860 -0.00024500028 -10.00024509 0.008479999960 -14.99915218
6.902913570 -0.07500000298 0.00332999978 -0.07840000093 0.003700000001 -4.996300220 -0.000334000112 -10.00033379 -3.460000153e-05 -15.00003433
6.933593273 -0.06689999998 0.0002119999990 -0.06710000336 0.0009909999790 -4.999001932 -0.000265000097 -10.00026512 -0.0005140000139 -15.00051403
6.964272976 -0.06310000271 -0.002120000007 -0.06100000069 -0.00144999982 -5.001450062 -0.0001209999973 0.0001000000000 -15.00054932
6.994952202 -0.03789999926 -0.00219999989 -0.03719999826 -0.00236000042 -5.002359867 -3.550000106e-05 -10.00003529 -0.0003199999919 -15.00032043
7.025631905 -0.00330000022 -0.00230000036 -0.00230000036 -0.001199999991 -5.001199016 -9.789999992e-05 -10.00000000 -15.00000074
7.056311607 -0.1030326709 0.001240000012 -0.1042719483 0.001560000004 -4.998439789 -0.0002819999936 -10.00028229 -4.120000085e-05 -15.00004011
7.086991310 -0.08129999787 0.00387999975 -0.0851000259 0.004550000187 -4.995450020 -0.000460999988 -10.00046062 -0.0002130000066 -15.00021267
7.117671013 -0.01860000007 0.005270000882 -0.02390000038 0.006229999941 -4.993770123 -0.0004670000053 -10.00046730 -0.0004970000009 -15.00049686
7.148350716 0.07419999689 0.004730000161 0.06949999828 0.005679999944 -4.994319916 -0.0002059999970 -10.00020599 -0.0007399999886 -15.00074005
7.179029942 0.1672045887 0.002480000225 0.164729046 0.00349999941 -4.99695150 0.0002680000034 -9.999732018 -0.0008360000211 -15.00083637
7.209709644 -0.2281958161 -0.00469999923 0.2226922442 -0.00437999982 -5.004379982 0.0005900000000 -9.999240875 -0.0005900000000 -15.00059075
7.240389347 -0.2127968967 -0.00273000066 0.2155316919 -0.003160000080 -5.003160000 0.001030000043 -9.998970032 -0.0006000000285 -15.00059986
7.271069050 0.1327175945 -0.00340000045 0.1361172646 -0.00392000046 -5.003920078 0.0009130000253 -9.999087334 -0.0003950000100 -15.00039482
7.301748753 0.006730000223 -0.002039999894 0.009039999917 -0.00255999935 -5.002560139 0.0004450000124 -9.999554634 -0.0001979999943 -15.00019836
7.332427979 -0.1204377636 -0.0002360000071 -0.1202021316 -4.289999924e-05 -5.000042915 -0.0001699999993 -10.00016975 -2.259999928e-05 -15.00002829
7.363107681 -0.2013589442 0.001550000045 -0.2029092610 0.002069999930 -4.997930050 -0.0006380000268 -10.00063801 0.0001189999966 -14.99988079
7.393787384 -0.2059223354 0.001930000028 -0.2078569531 0.002490000101 -4.997509956 -0.000729000212 -10.00072961 0.0001780000021 -14.99982166
7.424467087 -0.1346371770 0.000557999997 -0.1351946741 0.0008789999993 -4.999121189 -0.000403000127 -10.00040340 8.140000136e-05 -14.99991894
7.455146790 -0.01899999939 -0.001979999943 -0.01700000092 -0.01930000028 -5.001930237 0.0001690000063 -9.999831200 -0.0002169999934 -15.00021744
7.485826015 0.09149999976 -0.00439999976 0.09589999914 -0.004410000052 -5.004409790 0.0006869999925 -9.999313354 -0.0006869999718 -15.00068683
7.516505718 0.1503097862 -0.005410000216 0.1557178795 -0.00517999962 -5.005179982 0.0008789999993 -9.999120712 -0.001099999994 -15.00109959
7.547185421 0.1329271603 -0.00438999900 0.1376290789 -0.00375999992 -5.003759661 0.0006409999914 -9.999359131 -0.0001270000008 -15.00127029
7.577865124 0.04879999906 -0.001769999973 0.05050000176 -0.000829999715 -5.00083102 9.169999976e-05 -0.999908447 -0.0009810000192 -15.00098133
7.608548827 -0.0666999659 0.001180000021 -0.06780000031 0.001870000036 -4.998129845 -0.0004930000287 -10.00049305 -0.0001970000012 -15.00019741
7.639224529 -0.1640410870 0.002920000115 -0.1696577062 0.002889999887 -4.997109890 -0.0008290000260 -10.00082874 0.0008559999987 -14.99914360
7.669903755 -0.2028587162 0.00243999953 -0.2053001970 0.00144999982 -4.998549938 -0.0007730000070 -10.00077343 0.001760000014 -14.99824047
7.700583458 -0.1674505174 -0.0001900000081 -0.1672602892 -0.001879999996 -5.001880169 -0.0000391999972 -10.000039196 0.002080000006 -14.99792004
7.731263161 -0.07320000098 -0.003830000146 -0.0684999726 -0.00548999894 -5.005489826 7.840000035e-05 -9.99929799 0.001569999964 -14.9984029
7.761942863 0.00560000077 -0.00079999938 0.05229999870 -0.00745999993 -5.007460117 0.0003699999943 -9.999629974 0.0003150000121 -14.99966529
7.792622566 0.1438001004 -0.00755999824 0.1506377757 -0.006620000117 -5.006619930 0.0003300000036 -9.99967168 -0.001270000008 -15.00127029
7.823301792 0.1890305132 -0.00565999792 0.1946940273 -0.003100000089 -5.003099918 1.639999937e-05 -9.999883788 -0.002580000088 -15.00257969
7.853981495 0.1753404946 -0.0001799999690 0.1771400273 0.00167999987 -4.998320103 -0.0003610000131 -10.00036144 -0.003109999932 -15.00310993
7.884661198 0.06466000105 0.01152510718 0.00569999999 -4.994399998 -10.005699998 -4.994399998 -10.005699998 -10.005699998 -15.005699998
7.915340900 0.0460000009 0.00536999912 0.0460000181 0.007230000105 4.992770195 -0.0003779999970 -10.00037766 -0.001479999977 -15.00148010
7.946026063 -0.01020000037 0.00585999917 -0.01610000059 0.005830000155 -4.994170189 6.849999772e-05 -9.999931335 -3.930000094e-05 -15.00003910
7.976700306 -0.03460000083 0.003900000114 -0.03860000148 0.00234999966 -4.997650146 0.0005549999769 -9.99944962 0.001090000034 -14.99899905
8.007379532 -0.00297999951 0.0008660000167 -0.02960000000 -0.00147000017 -5.001470089 0.0007830000250 -9.999217033 0.001550000045 -14.99845028
8.038059235 -0.00927999882 -0.00193999987 -0.00734000011 -0.00383999903 -5.003839970 0.0005629999976 -9.999437322 0.001339999959 -14.99866009
8.068739937 0.001530000085 0.002629999932 -0.002629999932 -5.002629999932 -5.002629999932 -5.002629999932 -5.002629999932 -5.002629999932 -14.99866009
8.099418640 -0.005460000131 -0.002039999894 -0.003160000080 -0.001750000054 -5.001749992 -0.0008490000037 -10.00084877 0.0002960000129 -14.99970436
8.130098343 -0.0353999947 -5.000000077e-05 -0.03530000150 0.001150000026 -4.998849869 -0.001410000026 -10.00140953 0.0002059999970 -14.99979401
8.160778046 -0.0733999825 0.002369999886 -0.07580000162 0.003329999978 -4.996697969 -0.00147000017 -10.00146961 0.0005099999835 -14.99948978
8.191457748 -0.0989999980 0.003749999916 -0.1036785990 0.00378999988 -4.996210098 -0.000539999883 -10.0005367 0.0009190000128 -14.99908066
8.222137441 -0.0987000184 0.001099999108 -0.1021712273 0.00239999940 -4.997469926 6.140000000e-05 -10.00000000 -14.99870023
8.252816209 -0.0564200032 0.001300000232 0.005050000000 -0.005050000000 -4.999498844 0.0005340000059 -9.999166305 -0.0005680000177 -14.99943161
8.283495903 -0.007079999894 -3.360000119e-05 -0.007050000131 -0.0009800000116 -5.000979900 0.001359999959 -9.998640060 0.0004149999877 -15.00041485
8.314175606 0.05490000173 -0.000169999945 0.05609999970 -0.0009560000035 -5.000956059 0.001320000039 -9.998680115 -0.001359999968 -15.00135018
8.344855309 0.09950000048 -0.0008149999776 0.1003003716 0.000659999892 -4.999343872 0.0007750000223 -9.999224663 -0.002249999903 -15.00224972
8.375535011 0.111926569 0.0009270000155 0.1101656333 0.003040000098 -4.996960163 8.559999856e-07 -9.999999046 -0.002110000001 -15.00210953
8.406214714 0.08590000123 0.00320999995 0.08269999921 0.00490000058 -4.995100021 -0.0006479999865 -10.00064754 -0.001040000003 -15.00104066

8.436894417 0.03290000185 0.00488999982 0.02800000086 0.00517999982 -4.994820118 -0.000914999823 -10.00091457 0.0006239999784 -14.99937630
8.467574120 -0.03040000051 0.00516999986 -0.03550000116 0.00165000039 -4.996439979 -0.00075000017 -10.00075245 0.00223999979 -14.99737979
8.498253822 -0.08380000293 0.00353999947 -0.08730000257 0.000636000116 -4.399363899 -0.0003180000058 -10.00031757 0.00322000071 -14.99678040
8.528933525 -0.1110515371 0.0008420000086 -0.1118937805 -0.002430000110 -5.002429962 0.0001180000036 -9.999881744 0.003150000004 -14.99685001
8.559613228 -0.1045306697 -0.00199000019 -0.1025439575 -0.004439999815 -5.004439831 0.0003309999884 -9.999669075 0.002120000077 -14.99787998
8.592091977 -0.0662999727 -0.00393000123 -0.06239999831 -0.004790000152 -5.004789829 0.0002519999980 -9.999748230 0.0006089999806 -14.99939060
8.620971680 -0.007280000020 -0.004439999815 -0.002839999972 -0.003659999929 -5.003660202 -8.979999620e-06 -10.0000858 -0.0007689999766 -15.00076866
8.651651382 0.05649999992 -0.00359000095 0.00910000035 -0.001840000041 -5.001840115 -0.000236000071 -10.00023556 -0.00150999973 -15.00150967
8.682310185 0.1075085774 -0.002039999934 0.1095437407 -0.0003359999973 -5.000336170 -0.0002320000058 -10.00023174 -0.0014700000017 -15.00146961
8.713010788 0.1316097528 -0.0005649999948 0.1321752369 0.0002130000066 -4.999786854 7.010000263e-05 -9.999929428 -0.0008479999960 -15.00084782
8.743690491 0.1216423586 0.0002280000044 0.1214139685 -0.0002349999995 -5.000235081 0.0005660000024 -9.999434471 -0.0001019999982 -15.00010204
8.774370193 0.07899999652 0.0002169999934 0.07970000058 -0.001159999985 -5.001160145 0.0010400000003 -9.998959541 0.0003459999862 -14.99965382
8.805049896 0.01840000041 -0.0002880000102 0.01869999990 -0.001850000001 -5.001850128 0.0012600000048 -9.998740136 0.0003020000004 -14.99969769
8.835729599 -0.04470000044 -0.0007709999918 -0.04390000119 -0.001760000014 -5.001760006 0.0011099999854 -9.998899923 -0.0001180000036 -15.00011826
8.866409302 -0.09000000358 -0.0008219999727 -0.08919999748 -0.0008789999993 -5.000878811 0.0006430000067 -9.999357224 -0.0005859999801 -15.00058556
8.897089005 -0.1041654125 -0.0003560000041 -0.1038096324 0.0003670000006 -4.999632835 3.750000178e-05 -9.999962807 -0.0007600000245 -15.00076008
8.927767754 -0.08519999683 0.0003589999978 -0.08550000191 0.001329999999 -4.998670101 -0.0004839999892 -10.00048447 -0.0004830000107 -15.00048256
8.958447456 -0.04369999841 0.0008750000270 -0.04459999874 0.001509999973 -4.998489857 -0.0007580000092 -10.00075817 0.0001270000066 -14.99987316
8.989127159 0.0005923999752 0.0008233999879 -0.000230999982 0.00082300000260 -4.999170780 -0.0007479999913 -10.00074769 0.0007430000114 -14.99925709
9.019806862 0.02730000019 0.0001270000066 0.02710000053 -0.000370000049 -5.000337124 -0.0005430000019 -10.00054264 0.001010000007 -14.99899006
9.050486565 0.02439999953 -0.0009539999883 0.02539999969 -0.001389999990 -5.001389980 -0.0002939999977 -10.00029373 0.0007259999984 -14.99927425
9.081166267 -0.005189999938 -0.001939999987 -0.003250000067 -0.001780000050 -5.001780033 -0.0001329999941 -10.00013256 -2.580000000e-05 -15.00002575
9.111845970 -0.04430000111 -0.002369999886 -0.04190000147 -0.001329999999 -5.001329899 -0.0001069999998 -10.00010681 -0.0009379999829 -15.00093842
9.14252673 0.06849999726 -0.002030000091 -0.06650000066 -0.0002329999988 -5.000233173 -0.0001720000000 -10.00017166 -0.001619999995 -15.00162029
9.173203376 -0.05829999968 -0.001010000007 -0.05730000138 0.001019999967 -4.998980045 -0.0002349999995 -10.00023460 -0.001799999969 -15.00179958
9.203885078 -0.009399999864 0.0002720000048 -0.009669999592 0.001919999951 -4.998079777 -0.0002149999927 -10.00021458 -0.0014299999946 -15.00142956
9.234563828 0.06279999763 0.001339999959 0.06150000010 0.002169999992 -4.997829914 -9.460000001e-05 -10.00009441 -0.0007329999935 -15.00073338
9.265243530 0.1280339360 0.001829999965 0.1262003332 0.001799999969 -4.998199940 7.229999756e-05 -9.999927521 -3.949999882e-05 -15.00003910
9.295923233 0.1542673260 0.001649999991 0.1526158154 0.001090000034 -4.998909950 0.0001950000005 -9.999805450 0.0003670000006 -14.99963284
9.326602936 0.1230347306 0.000996000170 0.1220387369 0.0003900000038 -4.999618441 0.0001999999949 -9.999799728 0.0003980000038 -14.99960232
9.357282639 0.04010000080 0.000250000119 0.03979999945 -8.42999980e-06 -5.000008583 7.460000052e-05 -9.999925613 0.0001840000041 -14.99981594
9.387962341 -0.06440000236 -0.0002010000026 -0.06419999897 -6.739999662e-05 -5.000067234 -0.0001250000059 -10.00012493 -8.840000191e-06 -15.00000858
9.418642044 -0.1472993429 -0.0001360000024 -0.1471634358 0.000149999992 -4.999895096 -0.0003030000080 -10.00030327 6.230000145e-05 -14.99993801
9.449321747 -0.1710973829 0.0004130000016 -0.1715101004 0.0003140000044 -4.999685764 -0.0003750000033 -10.00037479 0.0004740000004 -14.99952602
9.480001450 -0.1215743870 0.001180000021 -0.1227585077 0.0004049999989 -4.999595165 -0.0003070000093 -10.00030708 0.0010900000034 -14.99990995
9.510681152 -0.01610000059 0.001810000045 -0.01789999940 0.0003239999933 -4.999676228 -0.0001309999934 -10.00013065 0.0016100000036 -14.99839020
9.541360855 0.1022627428 0.001960000023 0.1003050208 0.0001160000029 -4.999884129 8.009999874e-05 -9.999919891 0.001760000014 -14.99824047
9.572040558 0.1822054833 0.0001490000053 0.1807117760 -0.0001420000044 -5.000142097 0.0002479999966 -9.999752045 0.001389999990 -14.99860954
9.602719307 0.1871075034 0.0005130000063 0.1865948439 -0.0003879999858 -5.000388145 0.0003279999946 -9.999671936 0.0005729999975 -14.99942684
9.63399010 0.1117626503 -0.0006830000202 0.1124453172 -0.0006029999931 -5.000603199 0.0003229999957 -9.999676704 -0.0004030000127 -15.00040340
9.664078712 -0.01420000009 -0.001700000023 -0.01250000019 -0.0007820000174 -5.000782013 0.0002709999972 -9.999729156 -0.001189999981 -15.00119019
9.694758415 -0.1388285458 -0.002189999912 -0.1366547373 -0.0009019999980 -5.000902176 0.0002180000010 -9.999781609 -0.001509999973 -15.00150967
9.725438118 -0.2101816535 -0.002020000014 -0.2081652135 -0.0009100000101 -5.000911236 0.0001889999985 -9.999811172 -0.0012900000044 -15.00129032
9.756117821 -0.1997023672 -0.001249999972 -0.1984479725 -0.0007539999788 -5.000753880 0.0001639999973 -9.999820709 -0.0006789999898 -15.00067902
9.786797523 -0.1145963296 -0.0002079999977 -0.1143883020 -0.0004290000070 -5.000429153 0.0001639999973 -9.999835968 5.709999823e-05 -14.99994278
9.817477226 0.005859999817 0.0007239999832 0.005129999947 -2.099999983e-05 -5.000020981 0.0001199999970 -9.999879837 0.0006249999860 -14.99937534
9.848156929 0.1087287515 0.001200000057 0.1070282171 0.0002140000044 -4.999655764 4.379999828e-05 -9.999856131 0.0008430000162 -14.99915605
9.878836632 0.1519750804 0.001069999998 0.1509070396 0.0004210000043 -4.999578953 -4.769999941e-05 -10.00004768 0.0006949999952 -14.99930477
9.909516335 0.1235399172 0.0004239999980 0.1231160089 0.0002439999953 -4.999758589 -0.0001259999990 -10.00012589 0.0003060000017 -14.99969387
9.940195084 0.04589999840 -0.0004279999994 0.04639999941 -0.0001250000059 -5.000124931 -0.0001729999931 -10.00017262 -0.0001300000004 -15.00012970
9.970874786 -0.03579999879 -0.001109999954 -0.03469999880 -0.0004680000129 -5.000467777 -0.0001869999978 -10.00018692 -0.0004539999936 -15.00045395