

	Condición Inicial									
	β_i					γ_i				
Iteración	x_k	f_k	$ x_{k+1} - x_k $	x_k	f_k	$ x_{k+1} - x_k $	x_k	f_k	$ x_{k+1} - x_k $	b_k
0	-3	0.16326530612245	0.97571483363588	-2	-0.72727272727273	0.71329162455228	-2.2	-0.024168783607154	0.0090423720435804	0.18085106382979
1	-2.0242851663641	-0.66676253328831	0.52217349549069	-2.7132916245523	0.55274120045235	0.45469846801744	-2.209423720436	0.013342433989964	0.0049391182900838	-2.1844848047614
2	-2.5464586618548	0.80222617732085	2.5196589724163	-3.167990025697	0.45940160249182	0.23637598607527	-2.204103237535	-0.0071393590015309	0.0026575273339344	-2.2183921701412609
3	-0.026799689438518	-0.38918886015487	1.0585152348081	-2.9316141064945	0.16822480321341	0.29521666372275	-2.2067607810874	0.0038839952626185	0.0014413487082718	-0.027065303040078
4	-1.0853149242466	0.33506182478278	0.3796447477665	-3.2268307702172	0.63458082672942	0.27861178621412	-2.2053194323792	-0.0020939348783613	0.0007783023348139	0.014979903590862
5	-0.70567017648012	-0.13563207958057	0.13907714138005	-2.9482189840031	0.16005910623524	0.39602884670568	-2.2060977626126	0.0011343932774652	-0.0080053341668537	-0.00298061373565438
6	-0.84474731786017	0.040297992664817	0.033680186954533	-3.3442478307088	0.98808696694456	0.4501002436761	-2.2056764758206	-0.00061293736764833	0.00022773965544687	0.00433582704164756
7	-0.81106713090564	-0.0056974820167015	0.0049099498575538	-2.8941475870327	0.20186054047316	0.22473767238185	-2.205904215476	0.00033165639570948	0.00012319640937752	-0.0023487273341605
8	-0.81597708076319	0.00091461784870433	0.00078406855342372	-3.1188852594145	0.33387621530144	0.22099153583015	-2.2057810190667	-0.00017931851384638	0.0012726946242791	0.0012726946242791
9	-0.81519301220977	-0.00014370454199824	0.00012329380440523	-2.8978937235844	0.19760019758211	0.22749805918447	-2.205847637712	9.699363900026e-05	3.6031381716928e-05	-0.00068758716438348
10	-0.81531630601418	2.2654992124739e-05	1.9434726725165e-05	-3.1253917827688	0.34901967870047	0.22164707356429	-2.2058116063303	-5.2452146020817e-05	1.9485823692822e-05	0.00037207166689893
11	-0.81529687128745	-3.5696584452537e-06	3.0623163000953e-06	-2.9037447092045	0.191330694309	0.23310365467374	-2.205831092154	2.8368496836858e-05	1.0538582014163e-05	-0.00020116342539448
12	-0.81529993360375	5.6250418210625e-07	4.8255602447256e-07	-3.1368483638783	0.37687400523349	0.22397599501973	-2.205820553572	-1.53419545496e-05	5.6994344954653e-06	-0.00010881152711189
13	-0.81529945104773	-8.8637831059566e-08	7.603986318383e-08	-2.9128723688585	0.18251095011072	0.24573646553987	-2.2058262530065	8.297372308756e-06	3.0823988179662e-06	-5.884244623671e-05
14	-0.81529952708759	1.3967329811352e-08	1.1982172254399e-08	-3.1586088343984	0.43358610295064	0.23181923200922	-2.2058231706077	-4.4873719670809e-06	1.6670239872951e-06	-0.00258319254756
15	-0.81529951510542	-2.2009365731632e-09	1.8881204377763e-09	-2.9267896023892	0.1713984856173	0.27830872249497	-2.2058248376317	2.4268788813247e-06	9.0156502441374e-07	-1.7211122340635e-05
16	-0.81529951699354	3.4681800436844e-10	2.9752522667792e-10	-3.2050983248842	0.56781721404913	0.26035655429362	-2.2058239360666	-1.3125071541131e-06	4.875858330422e-07	9.3082864849292e-06
17	-0.81529951669601	-5.4650667696885e-11	4.6883275039988e-11	-2.9447417705905	0.16141030592037	0.36706301396955	-2.2058244236525	7.0983365046149e-07	2.6369733552301e-07	-2.2058230387944
18	-0.8152995167429	8.6118097814453e-12	7.3878680950656e-12	-3.3118047845601	0.89663857968154	0.38621204498407	-2.2058241599551	-3.8389351030681e-07	1.4261330960608e-07	-2.2058249089198
19	-0.81529951673551	-1.3571672267219e-12	1.1642908859244e-12	-2.925592739576	0.17224057948187	0.27465463932124	-2.2058243025684	2.0761816286327e-07	7.7128442743657e-08	-2.2058238975126
20	-0.81529951673667	2.1391193116543e-13	1.8351986597054e-13	-3.2002473788973	0.55317606036803	0.25670591768086	-2.20582422544	-1.1228447494032e-07	4.1712763909629e-08	7.9631617064669e-07
21	-0.81529951673649	-3.3685960734972e-14	0.81529951673649	-2.9435414612164	0.16192124173181	0.35830361925392	-2.2058242671528	6.0725932230084e-08	2.2559186074744e-08	-2.2058241486785
22				-3.3018450804703	0.867084106982	0.36979634609668	-2.205824245936	-3.2841925929321e-08	1.2200506382953e-08	-2.2058243086671
23				-2.9320487343736	0.1679563678331	0.29693160277174	-2.2058242567941	1.7761640218958e-08	6.5983036812156e-09	-2.2058242221417
24				-3.2289803371454	0.64126350945839	0.28059018172724	-2.2058242501958	-9.6058875674687e-09	3.5685085997272e-09	6.8124470442178e-08
25				-2.9483901554181	0.15999755833741	0.39761055922781	-2.2058242537643	5.1950766689704e-09	1.9299282172369e-09	-3.6843218208143e-08
26				-3.346000714646	0.992776495193	0.45409646278662	-2.2058242518344	-2.8096107374201e-09	1.0437473108027e-09	1.9925627771767e-08
27				-2.8919042518593	0.20450224458605	0.22335909571843	-2.2058242528781	1.5194985848901e-09	5.644813505512e-10	-1.0776219034432e-08
28				-3.1152633475778	0.32566827144848	0.22086319382295	-2.2058242523136	-8.2177894610314e-10	3.0528424233012e-10	5.8280173199324e-09
29				-2.8944001537548	0.2015673439703	0.22490632040858	-2.2058242526189	4.4443713236676e-10	1.6510481870569e-10	-3.1519191235324e-09
30				-3.1193054741634	0.33483889459572	0.22101778679786	-2.2058242524538	-2.4036135861112e-10	8.9292129246132e-11	1.7046280577896e-09
31				-2.8982876873655	0.19716324105586	0.22782382813551	-2.2058242525431	1.2999198156202e-10	4.8291148857516e-11	-9.218999826473e-10
32				-3.126111515501	0.35072557189639	0.22175102429225	-2.2058242524948	-7.0304203745086e-11	2.6117330520492e-11	4.9858454902347e-10
33				-2.9043604912088	0.19069853545895	0.23379583447523	-2.2058242525209	3.80222238826815e-11	1.4125145497701e-11	-2.2058242524468
34				-3.138156325684	0.3801465140816	0.22432800063473	-2.2058242525068	-2.0564018715395e-11	7.6392225878408e-12	1.4583065644904e-10
35				-2.9138283250493	0.18165637947944	0.24739032550854	-2.2058242525144	1.1121205626291e-11	4.1313619192351e-12	-7.868498226328e-11
36				-3.1612186505578	0.4406914061182	0.23302100750039	-2.2058242525103	-6.0152578984607e-12	2.2346569039655e-12	4.2652573111291e-11
37				-2.9281976430574	0.17043559429968	0.28286649467676	-2.2058242525125	3.2539109699824e-12	1.2088108292119e-12	-2.3067524167765e-11
38				-3.2110641377342	0.58597112480418	0.26505652889644	-2.2058242525113	-1.7600658946605e-12	6.5369931689929e-13	1.2476438193094e-11
39				-2.9460076088378	0.16089618838808	0.37695126765822	-2.205824252512	9.5120688651318e-13	3.5349501104065e-13	-6.7480970822054e-12
40				-3.322958876496	0.92899104077699	0.40622538548714	-2.2058242525116	-5.1497626067788e-13	1.9140244944538e-13	3.6492544392644e-12
41				-2.9167334910088	0.17914103881414	0.25287017448865	-2.2058242525118	2.7894126803616e-13	1.0347278589506e-13	-1.9734867562709e-12
42				-3.1696036654975	0.46391637389894	0.23722457190512	-2.2058242525117	-1.5012148591019e-13	5.5955240441108e-14	1.0672052639917e-12
43				-2.9323790935924	0.16775427263676	0.29825851836734	-2.2058242525118	8.2077180931386e-14	2.2058242525118	-5.7797276855145e-13
44				-3.2306376119597	0.64642269186264	0.28213735126225				-2.2058242525118
45				-2.9485002606975	0.15995821484566	0.39863649995392				-2.2058242525117
46				-3.3471367606514	0.99580027904069	0.45672107671518				-2.2058242525118
47				-2.8904156839362	0.20629211661056	0.2225499504909				
:	:	:	:	:	:	:	:	:	:	:
95				-2.9292403692158	0.16974194880682	0.28643364566179				
96				-3.2156740148776	0.60009805657412	0.26884823632391				
97				-2.9468257785537	0.16057741823464	0.3837279689008				
98				-3.3305537474545	0.9505033946367	0.42095512953249				
99				-2.909598617922	0.18553752668293	0.090401382078011				

Figure 1: Método de Newton, raíz 1

	Condición Inicial										
	β_i			γ_i			α_i			b_i	
Iteración	x_k	f_k	$ x_{k+1} - x_k $	x_k	f_k	$ x_{k+1} - x_k $	x_k	f_k	$ x_{k+1} - x_k $	x_k	$ x_{k+1} - x_k $
0	-2	-0.72727272727273	0.71329162455228	-1	0.25	0.22099687473515	-1.6	1.3371429661696e+14	-0.17696082432197	-1.65	0.0058975117531963
1	-2.7132916245523	0.55274120045235	0.45469846801744	-0.77900312526485	-0.047860495197067	0.042955240382728	-1.6	1.3371429661696e+14	-0.23518714516854	-1.6558975117532	0.0099353238784918
2	-3.1679900925697	0.45940160249182	0.23637598607527	-0.82195836564758	0.0090171965639797	0.0076835774562825	-1.6	1.3371429661696e+14	-0.31616799086767	-1.6658328356317	0.019099780498072
3	-2.9316141064945	0.16822480321341	0.29521666372275	-0.81427478819129	-0.0013819449337619	0.001868137702213	-1.6	1.3371429661696e+14	-0.4353069770249	-1.6849326161298	0.047587580079906
4	-3.2268307702172	0.63458082672942	0.27861178621412	-0.81546160196151	0.0002187308432859	0.0001876110315101	-1.6	1.3371429661696e+14	-0.63372959300086	-1.7325201962097	0.2474002323978
5	-2.9482189840031	0.16005910623524	0.39602884670568	-0.81527399093	-3.44430231960728e-05	2.9548475506624e-05	-1.6	1.3371429661696e+14	-0.76971885264923	-1.9799204286075	0.9492171910611
6	-3.3442478307088	0.98808696694456	0.4501002436761	-0.81530353940551	5.4280414035977e-06	4.6565416748079e-06	-1.6	1.3371429661696e+14	0.16980956044277	-2.9291376257136	0.28607461317107
7	-2.8941475870327	0.20186054047316	0.22473767238185	-0.81529888286384	-8.553222569661e-07	7.3375696818534e-07	-1.6	1.3371429661696e+14	0.5986793795423	-3.21521222388847	0.26846209235314
8	-3.1188852594145	0.33387621530144	0.22099153583015	-0.8152996166208	1.3477989171812e-07	1.1562379875762e-07	-1.6	1.3371429661696e+14	0.16060643934744	-2.9467501465315	0.38308817493813
9	-2.8978937235844	0.19760019758211	0.22749805918447	-0.81529950099701	-2.1238265981698e-08	1.8219700748112e-08	-1.6	1.3371429661696e+14	0.9484961619563	-3.3298383214696	0.41952661534577
10	-3.1253917827688	0.34901967870047	0.22164707356429	-0.81529951921671	3.3466726007906e-09	2.8710146482425e-09	-1.6	1.3371429661696e+14	0.24164089442934	-2.9103117061239	0.2164089442934
11	-2.9037447092045	0.191330694309	0.23310365467374	-0.81529951634569	-5.2736028206458e-10	4.5240733381746e-10	-1.6	1.3371429661696e+14	0.22899447031549	-3.1519526005532	0.22899447031549
12	-3.1368483638783	0.37687400523349	0.22397599501973	-0.8152995167981	8.3100103278507e-11	7.1289196768021e-11	-1.6	1.3371429661696e+14	0.2672652327206	-2.9229581302377	0.17417038215168
13	-2.912872368585	0.18251095011072	0.24573646533987	-0.81529951672681	-1.3094717978302e-11	1.1233569630005e-11	-1.6	1.3371429661696e+14	0.24964742236008	-3.1902233629583	0.52331455278035
14	-3.1586088343984	0.43358610295064	0.23181923200922	-0.81529951673804	2.0633563024947e-12	1.7701395904623e-12	-1.6	1.3371429661696e+14	0.33892707784318	-2.9405759405982	0.16328099596527
15	-2.9267896023882	0.1713984856173	0.27830872249497	-0.81529951673627	-3.2506344059409e-13	2.7888802378584e-13	-1.6	1.3371429661696e+14	0.33723857303493	-3.2795030184414	0.79901625065615
16	-3.2050983248842	0.56781721404913	0.26035655429362	-0.81529951673655	5.131940588505e-14	2.129442253854	-1.6	1.3371429661696e+14	0.16248980697463	-2.9422644454065	0.16248980697463
17	-2.9447417705905	0.16141030592037	0.36706301396955				-1.6	1.3371429661696e+14	0.3545531923623	-3.2918513862772	0.83689852440946
18	-3.3118047845601	0.89663857968154	0.38621204498407				-1.6	1.3371429661696e+14	0.32068531263785	-2.9372981939149	0.16494440690266
19	-2.925592739576	0.17224057948187	0.27465463932124				-1.6	1.3371429661696e+14	0.31056711187121	-3.2579835065528	0.7320000721301
20	-3.2002473788973	0.55317606036803	0.25670591768086				-1.6	1.3371429661696e+14	0.3888211766715	-2.94741463946816	0.16035391924882
21	-2.9435414612164	0.16192124173181	0.35830361925392				-1.6	1.3371429661696e+14	0.43262646545214	-3.3362375713531	0.9663000010463
22	-3.3018450804703	0.867084106982	0.36979634609668				-1.6	1.3371429661696e+14	0.28003022233046	-2.9036129168009	0.1914668170848
23	-2.9320487343736	0.1679563678331	0.29693160277174				-1.6	1.3371429661696e+14	0.26211269070262	-3.1365711192114	0.37618271192023
24	-3.2289803371454	0.64126350945839	0.2805901872724				-1.6	1.3371429661696e+14	0.22390352735963	-2.9126675918517	0.18269573247403
25	-2.9483901554181	0.15999755833741	0.39761055922781				-1.6	1.3371429661696e+14	0.23157263838269	-3.1580588828666	0.43209661292547
26	-3.34000714646	0.992776495193	0.45409646278662				-1.6	1.3371429661696e+14	0.27736396260377	-2.9264862444839	0.17160987358854
27	-2.8919042518593	0.20450224458605	0.22335909571843				-1.6	1.3371429661696e+14	0.25940264052823	-3.2038502070877	0.56403929410995
28	-3.1152633475778	0.32566827144848	0.22086319382295				-1.6	1.3371429661696e+14	0.36486256844118	-2.9444475665595	0.16153343178642
29	-2.8944001537548	0.2015673439703	0.22490532040858				-1.6	1.3371429661696e+14	0.38197816596498	-3.3093101350007	0.8892908309117
30	-3.1193054741634	0.33483889459572	0.22101778679786				-1.6	1.3371429661696e+14	0.26560807926284	-2.9232252866169	0.17465143356588
31	-2.8982876873655	0.19716324105586	0.22782382813551				-1.6	1.3371429661696e+14	0.24812529698654	-3.1879306658798	0.51656697056994
32	-3.126111515501	0.35072557189639	0.22175102429225				-1.6	1.3371429661696e+14	0.33436321410205	-2.9398053688932	0.163656941017
33	-2.9043604912088	0.19069853545895	0.23379583447523				-1.6	1.3371429661696e+14	0.33023371257021	-3.2741685829953	0.78249578091744
34	-3.138156325684	0.3801465140816	0.22432800063473				-1.6	1.3371429661696e+14	0.36111169265847	-2.9439348704251	0.1617512699046
35	-2.9138283250493	0.18165637947944	0.24739032550854				-1.6	1.3371429661696e+14	0.374933356891	-3.3050465630835	0.87664645733014
36	-3.1612186505578	0.4406914061182	0.23302100750039				-1.6	1.3371429661696e+14	0.28955255216569	-2.9301132061925	0.16917406581943
37	-2.9281976430574	0.17043559429968	0.28286649467676				-1.6	1.3371429661696e+14	0.2722453011333	-3.2196657583582	0.61239209331239
38	-3.2110641377342	0.58597112480418	0.26505652889644				-1.6	1.3371429661696e+14	0.38885681627267	-2.9474204572249	0.16035240113429
39	-2.9460076088378	0.16089618838808	0.37695126765822				-1.6	1.3371429661696e+14	0.43270822584222	-3.3362772734976	0.96640938492409
40	-3.32958876496	0.92899104077699	0.40622538548714				-1.6	1.3371429661696e+14	0.23290999497879	-2.9035690476554	0.19151200113091
41	-2.9167334910088	0.17914103881414	0.25287017448865				-1.6	1.3371429661696e+14	0.223879627257	-3.1364790426342	0.37595330853764
42	-3.1696036654975	0.46391637389894	0.23722457190512				-1.6	1.3371429661696e+14	0.24527707313081	-2.91255994154085	0.18275738682245
43	-2.9323790935924	0.16775427263676	0.29825851836734				-1.6	1.3371429661696e+14	0.23149137028573	-3.1578764885393	0.43160321944295
44	-3.2306376119597	0.64642269186264	0.28213735126225				-1.6	1.3371429661696e+14	0.27705186368886	-2.9263851182536	0.17168065065397
45	-2.9485002606975	0.15995821484566	0.39863649995392				-1.6	1.3371429661696e+14	0.25908905446481	-3.2034369819424	0.5627901246286
46	-3.3471367606514	0.99580027904069	0.45672107671518				-1.6	1.3371429661696e+14	0.364125535905561	-2.9443479274776	0.16157544172676
47	-2.8904156839362	0.20629211661056	0.2225499504909				-1.6	1.3371429661696e+14	0.38057662307302	-3.3084732865332	0.8681745554841
48	-3.1129656344271	0.32054543820055	0.22087650852779				-1.6	1.3371429661696e+14	0.22135154554748	-2.8878723428374	0.20941782249579
49	-2.8920891258993	0.20428200186917	0.2234653722028				-1.6	1.3371429661696e+14	0.22106595187741	-3.1092238883849	0.312345511414
50	-3.1155544831196	0.32632206461879	0.22086686917679				-1.6	1.3371429661696e+14	0.22147492144734	-2.8881579365075	0.20906261203178
51	-2.8946876139428	0.20123468459493	0.22503927581738				-1.6	1.3371429661696e+14	0.22103473362486	-3.1096328579548	0.31323307927687
84	-3.1539449754815	0.42104230896057	0.22980298383448				-1.6	1.3371429661696e+14	0.22167053962502	-2.88859812433	0.20851720927477
85	-2.924141991647	0.17329028533354	0.27047905083228				-1.6	1.3371429661696e+14	0.22099141919699	-3.112026863955	0.31461718860697
86	-3.1946210424793	0.53634575305182	0.25266343912904				-1.6	1.3371429661696e+14	0.22098548531583	-2.889277244758	0.20768073823529
87	-2.9419576033503	0.16263025165891	0.34757915457324				-1.6	1.3371429661696e+14	0.22093624862499	-3.1112627300739	0.31679153378561
88	-3.2895367579235	0.82984209080653	0.35118493659304				-1.6	1.3371429661696e+14	0.22250404482587	-2.8903264814489	0.20640030567874
89	-2.9383518213305	0.16439139904444	0.32622531376525				-1.6	1.3371429661696e+14	0.22087967237422	-3.1128305262747	0.32024626800891
90	-3.2645771350957	0.75262257597526	0.3183027825499				-1.6	1.3371429661696e+14	0.22338575967493	-2.8919508539005	0.20444668415734
91	-2.9462743525458	0.16079109319238	0.37912609286749				-1.6	1.3371429661696e+14	0.2208640069323	-3.115366135754	0.32583270338198
92	-3.3254004454133	0.93595507351234	0.41085777347881				-1.6	1.3371429661696e+14	0.2249538892068	-2.8944726066431	0.20148339405666
93	-2.9145426719345	0.18102646373438	0.24867302686915				-1.6	1.3371429661696e+14	0.22102577390208	-3.1194264958499	0.33511654341562
94	-3.163215698803										

	Condición Inicial										
	β_i			γ_i			α_i			b_i	
Iteración	x_k	f_k	$ x_{k+1} - x_k $	x_k	f_k	$ x_{k+1} - x_k $	x_k	f_k	$ x_{k+1} - x_k $	x_k	f_k
0	-2	-0.72727272727273	0.71329162455228	-1	0.25	0.22099687473515	-1.4	0.07640297289243	0.17091458596548	-1.45	-0.080992937560207
1	-2.712916245523	0.55274120045235	0.45469846801744	-0.77900312526485	-0.047860495197067	0.042955240382728	-1.5709145859655	-0.98485757323773	0.012086752437376	-1.6939982974969	-0.48132745394779
2	-3.1679900925697	0.45940160249182	0.23637598607527	-0.82195836564758	0.0090171965639797	0.0076835774562825	-1.5830013384029	-1.4975124937963	0.005989934016706	-1.7619007264314	-0.71875755176616
3	-2.9316141064945	0.16822480321341	0.295241666372275	-0.81427478819129	-0.0013819449337619	0.0011808137702213	-1.5889912724196	-2.1376259214993	0.005202314920209	-2.397960221851	-0.66494056729333
4	-3.226837702172	0.63458082672942	0.27861178621412	-0.81546160196151	0.0002187308432859	0.0001876110315101	-1.5925115039118	-2.97643283166	0.0022472957222175	-2.0696423234325	-0.52975078384918
5	-2.9482189840031	0.16005910623524	0.39602884670568	-0.81527399093	-3.4443023196028e-05	2.9548475506624e-05	-1.594758799634	-4.0937905423883	0.0015059349306403	-2.3731211644055	0.60389640051153
6	-3.3442478307088	0.98808696694456	0.4501002436761	-0.81530353940551	5.4280414035977e-06	4.6565416748079e-06	-1.5962647345646	-5.5900814463433	0.0010408892906704	-2.1038161196631	-0.40934183400824
7	-2.8941475870327	0.20186054047316	0.22473767238185	-0.81529888280384	-8.55322569661e-07	7.3375696818534e-07	-1.5973056238553	-7.5987645337403	0.00073456638473712	-2.3019840315486	0.37945833634306
8	-3.1188852594145	0.33387621530144	0.22099153583015	-0.8152996166208	1.3477989171812e-07	1.1562379875762e-07	-1.59804019024	-10.298403877452	0.00052590472956626	-2.1596279006526	-0.19083851183763
9	-2.8978937235844	0.19760019758211	0.22749805918447	-0.8152995009701	-2.1238265981698e-08	1.8219700748112e-08	-1.59856660949696	-13.928717937551	0.00038036366986405	-2.2365400556451	0.12647014972234
10	-3.1253917827688	0.34901967870047	0.22164707356429	-0.81529951921671	3.3466726007906e-09	2.8710146482425e-09	-1.5989464586395	-18.811937144329	0.00027711223842242	-2.19061665719	-0.06311809614174
11	-2.9037447092045	0.191330694309	0.23310365467374	-0.81529951634569	-5.2736028206458e-10	4.5240733381746e-10	-1.5992235708779	-25.381436970189	0.0002095655480473	-2.2145477168326	0.03613622442664
12	-3.1368483638783	0.37687400523349	0.22397599501973	-0.8152995167981	8.3100103278507e-11	7.1289196768021e-11	-1.5994265274327	-34.220213891181	0.00014921769727705	-2.201430879857	-0.019008849315393
13	-2.9128723688585	0.18251095011072	0.24573646553987	-0.81529951672681	-1.3094717978302e-11	1.1233569630065e-11	-1.59957574513	-46.112629424446	0.0001100734325755	-2.2083436677927	0.010446553300779
14	-3.1586088343984	0.43358610295064	0.23181923200922	-0.81529951673804	2.0633563024947e-12	1.7701395904623e-12	-1.5996857624732	-62.1140194773332	8.1283401732524e-05	-2.2044736720282	-0.0056025252432157
15	-2.9267896023892	0.1713984856173	0.27830872249497	-0.81529951673627	-3.2506344059409e-13	2.7888802378584e-13	-1.599767045875	-83.644343360548	6.0145930347533e-05	-2.2065582223885	0.0030440096872395
16	-3.2050983248842	0.56781721404913	0.26035655429362	-0.81529951673655	5.131940588505e-14	2.129442253854	-1.5998271918053	-112.61419903145	4.4555471493402e-05	-2.205428335929	-0.0016421970258825
17	-2.9447417705905	0.16141030592037	0.36706301396955	-0.81529951673655	0.35830361925392		-1.5998717472768	-151.59436239905	3.3033818676032e-05	-2.2060386754503	0.00088933287411335
18	-3.3118047845601	0.89663857968154	0.38621204498407	-0.81529951673655			-1.5999047810955	-204.04392110179	2.4506732373863e-05	-2.2057083761548	-0.00048062184992405
19	-2.925592739576	0.17224057948187	0.27465463932124	-0.81529951673655			-1.5999784605341	-900.60677471117	5.5342660505442e-06	-2.2058296152763	2.224291671889e-05
20	-3.2002473788973	0.55317606306803	0.25670591768086	-0.81529951673655			-1.5999839948001	-1211.8758632271	4.1117885345443e-06	-2.2058213522655	-1.2029242438946e-05
21	-2.9435414612164	0.16192124173181	0.35830361925392	-0.81529951673655			-1.599981065887	-1630.7033854312	3.0551667384859e-06	-2.2058258210453	6.5057442632145e-06
22	-3.3018450804703	0.867084106982	0.36979634609668	-0.81529951673655			-1.5999911617554	-2194.2559602495	2.2701987736351e-06	-2.2058234042189	-3.5184316313826e-06
23	-2.9320487343736	0.1679563678331	0.2969316027174	-0.81529951673655			-1.5999934319542	-2952.5430610244	1.6869852887957e-06	-2.2058247112887	1.9028510947454e-06
24	-3.2289803371454	0.64126350945839	0.28059018172724	-0.81529951673655			-1.5999951189395	-3972.8548399864	1.2536387583584e-06	-2.2058240043955	-1.0291023441003e-06
25	-2.9483901554181	0.15999755833741	0.39761055922781	-0.81529951673655			-1.5999963725782	-5345.7334347747	9.3163052494738e-07	-2.2058243866987	5.5656176985288e-07
26	-3.34000714646	0.992776495193	0.45409646278662	-0.81529951673655			-1.599973042088	-7193.0076480586	6.9234502664273e-07	-2.2058241799406	-3.0100077376782e-07
27	-2.8919042518593	0.20450224458605	0.223353909571843	-0.81529951673655			-1.599979965538	-9678.6039976536	5.1452569493904e-07	-2.2058242917599	1.627879134133e-07
28	-3.1152633475778	0.32566827144848	0.22086319382295	-0.81529951673655			-1.599985110795	-13023.09349754	3.8238050170669e-07	-2.2058242312855	-8.8039292223149e-08
29	-2.8944001537548	0.17043559429968	0.22490532040858	-0.81529951673655			-1.599988989346	-17523.265068703	2.8417607755848e-07	-2.2058242639914	4.7613599258026e-08
30	-3.1193054741634	0.33438894595572	0.22101778679786	-0.81529951673655			-1.599991776361	-23578.462477698	2.1119401205638e-07	-2.2058242463033	-2.5750485371373e-08
31	-2.8982876873655	0.19716324105586	0.22782382813551	-0.81529951673655			-1.599993888301	-31726.021992538	1.5695581168096e-07	-2.2058242558694	1.3926432561958e-08
32	-3.126111515501	0.35072557189639	0.22175102429225	-0.81529951673655			-1.599995457859	-42688.955403083	1.166472425318e-07	-2.2058242506959	-7.5317234911354e-09
33	-2.9043604912088	0.19069853545895	0.23379583447523	-0.81529951673655			-1.599996624331	-57440.109886439	8.6690697953529e-08	-2.2058242534938	4.0733227941689e-09
34	-3.138156325684	0.3801465140816	0.22432800063473	-0.81529951673655			-1.5999997491238	-77288.498102354	6.4427492230124e-08	-2.2058242519806	-2.2029438657804e-09
35	-2.9138283250493	0.18105637947944	0.24739032550854	-0.81529951673655			-1.599998135513	-103995.45956347	4.7881800968597e-08	-2.205824252799	1.1914012633166e-09
36	-3.1612186505578	0.4406914061182	0.23302100750039	-0.81529951673655			-1.599998614331	-139930.96154075	3.5585257851523e-08	-2.2058242523564	-6.4433625824105e-10
37	-2.9281976430574	0.17043559429968	0.28286649467676	-0.81529951673655			-1.5999998970184	-188283.90878735	2.6446612233499e-08	-2.2058242525958	3.4847285589819e-10
38	-3.2110641377342	0.58597112480418	0.26505652889644	-0.81529951673655			-1.599999923465	-253345.12589175	1.9654870619945e-08	-2.2058242524663	-1.8846142310381e-10
39	-2.946076088378	0.16089618838808	0.37695126765822	-0.81529951673655			-1.5999999431199	-340888.12497325	1.4607318243876e-08	-2.2058242525363	1.0192421054098e-10
40	-3.32295876119597	0.92899104077699	0.40622538548714	-0.81529951673655			-1.5999999577272	-458681.44275368	1.0856026966266e-08	-2.2058242524985	-5.5123054906108e-11
41	-2.9167334910088	0.17914103881414	0.25287017448865	-0.81529951673655			-1.5999999685832	-617178.02347418	8.0681028524765e-09	-2.205824252519	2.9812491615091e-11
42	-3.1696036654975	0.46391637389894	0.23722457190512	-0.81529951673655			-1.5999999766513	-830442.79395724	5.9961433596101e-09	-2.2058242525079	-1.612347160183e-11
43	-2.9323790935924	0.16775427263676	0.29825851836734	-0.81529951673655			-1.5999999826475	-1117400.8147895	4.4562815659788e-09	-2.2058242525139	8.7207761908817e-12
44	-3.2306376119597	0.6464269180264	0.28213735126225	-0.81529951673655			-1.5999999871037	-1503516.6276875	3.3118701114887e-09	-2.2058242525106	-4.7162577913888e-12
45	-2.9485002606975	0.15995821484566	0.39863649995392	-0.81529951673655			-1.5999999904156	-2023054.1035784	2.4613533433637e-09	-2.2058242525124	2.5507528332227e-12
46	-3.3471367606514	0.99580027904069	0.45672107671518	-0.81529951673655			-1.599999992877	-27221.6.6971435	1.8292567460776e-09	-2.2058242525114	-1.3800677285766e-12
47	-2.8904156839362	0.20629211661056	0.2225499504909	-0.81529951673655			-1.5999999947062	-3662739.0729721	1.3594880776679e-09	-2.2058242525119	7.444491708224e-13
48	-3.1129656344271	0.32054543820055	0.22087650852779	-0.81529951673655			-1.599999997998	-4928391.8120707	1.0103600178724e-09	-2.2058242525117	-4.0210751740441e-13
49	-2.8920891258993	0.20428200186917	0.22346535720208	-0.81529951673655			-1.5999999970761	-6631388.9117765	7.508900501024e-10	-2.2058242525118	2.1574284827843e-13
50	-3.115544831196	0.32632206461879	0.22086686917679	-0.81529951673655			-1.599999997827	-8922852.7844076	5.5805582377388e-10	-2.2058242525117	-1.1508977399974e-13
51	-2.8946876139428	0.20123468459493	0.22509927581738	-0.81529951673655			-1.599999998385	-12006128.048804	4.1474224055094e-10	-2.2058242525118	6.2390772220907e-14
52	-3.1197868897602	0.33594441288223	0.2210506832999	-0.81529951673655			-1.5999999987998	-16154821.785474	3.08232999468352e-10		
53	-2.8987362064603	0.19666836077393	0.22820331528913	-0.81529951673655			-1.599999999108	-21737090.468849	2.2907609142919e-10		
54	-3.1269395217494	0.35269554716761	0.22187800974992	-0.81529951673655			-1.5999999993371	-29248298.162599	1.7024737175575e-10		
55	-2.9050615119995	0.189885									

Condición Inicial																																							
β_i										γ_i										α_i										b_i									
Iteración	x_k	f_k	$ x_{k+1} - x_k $	x_k	f_k	$ x_{k+1} - x_k $	x_k	f_k	$ x_{k+1} - x_k $	x_k	f_k	$ x_{k+1} - x_k $	x_k	f_k	$ x_{k+1} - x_k $	x_k	f_k	$ x_{k+1} - x_k $	x_k	f_k	$ x_{k+1} - x_k $																		
0	-1	0.25	0.22099687473515	-0.90909090909091	-0.4	0.90909090909091	-0.76	-0.07187424423847	0.066417364622902	-0.81	-0.0071296522431815	0.0061513858379981	-0.816151385838	0.0011500151795475	0.00098568716893666	-0.81516569866906	-0.00018055546890473	-0.00018055546890473	0.00015491514360544	0.00015491514360544																			
1	-0.77900312526485	-0.047860495197067	0.042955240382728	-0.80250084777791	-0.017142100934338	0.014917871884157	-0.8264173646229	0.015089486810406	0.012803331517959	-0.816151385838	0.0011500151795475	0.00098568716893666	-0.81516569866906	-0.00018055546890473	-0.00018055546890473	-0.81532061381267	2.8467885067977e-05	2.8467885067977e-05	2.4421242888373e-05	2.4421242888373e-05																			
2	-0.82195836564758	0.0090171965639797	0.0076835774562825	-0.81741871966207	0.0028628734691351	0.0024505797799501	-0.81556677111065	0.00036067538721634	0.00030932641702031	-0.81532061381267	2.8467885067977e-05	2.4421242888373e-05	-0.81532061381267	2.8467885067977e-05	2.4421242888373e-05	-0.81529619256978	-4.4854900423285e-06	-4.4854900423285e-06	3.8479869344243e-06	3.8479869344243e-06																			
3	-0.81427478819129	-0.0013819449337619	0.0011868137702213	-0.81496813988212	-0.00044706508788011	0.00038365800821183	-0.81525744469363	-5.6769025135287e-05	4.8702672985068e-05	-0.81525744469363	-5.6769025135287e-05	4.8702672985068e-05	-0.81529619256978	-4.4854900423285e-06	-4.4854900423285e-06	-0.81530004055671	7.0682232491622e-07	7.0682232491622e-07	6.0636230581057e-07	6.0636230581057e-07																			
4	-0.81527399093	-3.4443023196028e-05	2.9548475506624e-05	-0.81535179789033	7.054813654601e-05	6.05179066307567e-05	-0.81530614736662	8.9471409173326e-06	7.6754426505676e-06	-0.81530614736662	8.9471409173326e-06	7.6754426505676e-06	-0.81529943419441	-1.1137902794873e-07	-1.1137902794873e-07	-0.81529943419441	-1.1137902794873e-07	-1.1137902794873e-07	9.5548888023878e-08	9.5548888023878e-08																			
5	-0.81530353940551	5.4280414035977e-06	4.6565416748079e-06	-0.81529127998402	-1.1114295503289e-05	9.5347184018157e-06	-0.81529847192397	-1.4098276441149e-06	1.2094521049111e-06	-0.81529847192397	-1.4098276441149e-06	1.2094521049111e-06	-0.8152995297433	1.7550832536876e-08	1.7550832536876e-08	-0.8152995297433	1.7550832536876e-08	1.7550832536876e-08	1.5056356605925e-08	1.5056356605925e-08																			
6	-0.81529888286384	-8.553222569661e-07	7.3375696818534e-07	-0.81530081470242	1.7514247745957e-06	1.5024951309783e-06	-0.81529968137607	2.2215808362584e-07	1.9058302758168e-07	-0.81529968137607	2.2215808362584e-07	1.9058302758168e-07	-0.81529951468694	-2.7656157904719e-09	-2.7656157904719e-09	-0.81529951468694	-2.7656157904719e-09	-2.7656157904719e-09	2.3725426068211e-09	2.3725426068211e-09																			
7	-0.8152996166208	1.3477989171812e-07	1.1562379875762e-07	-0.81529931220729	-2.7598355575629e-07	2.3675844307292e-07	-0.81529949079304	-3.5007085624439e-08	3.0031577447076e-08	-0.81529949079304	-3.5007085624439e-08	3.0031577447076e-08	-0.81529951705948	4.3579880084003e-10	4.3579880084003e-10	-0.81529951705948	4.3579880084003e-10	4.3579880084003e-10	3.7385927686984e-10	3.7385927686984e-10																			
8	-0.81529950099701	-2.1238265981698e-08	1.8219700748112e-08	-0.81529954896574	4.3488830938355e-08	3.7307821942889e-08	-0.81529952082462	5.516328795515e-09	4.7323005514244e-09	-0.81529952082462	5.516328795515e-09	4.7323005514244e-09	-0.81529951668562	-6.8671932009343e-11	-6.8671932009343e-11	-0.81529951668562	-6.8671932009343e-11	-6.8671932009343e-11	5.89116533333382e-11	5.89116533333382e-11																			
9	-0.81529951921671	3.3466726007906e-09	2.8710146482425e-09	-0.81529951165792	-6.8528593689817e-09	5.8788719448089e-09	-0.81529951609232	-8.6924919088266e-10	7.4570394303919e-10	-0.81529951609232	-8.6924919088266e-10	7.4570394303919e-10	-0.81529951674453	1.0820976433861e-11	1.0820976433861e-11	-0.81529951674453	1.0820976433861e-11	1.0820976433861e-11	9.2830187981008e-12	9.2830187981008e-12																			
10	-0.81529951634569	-5.2736028206458e-10	4.5240733381746e-10	-0.81529951753679	1.0798561292282e-09	9.263776412638e-10	-0.81529951683802	1.3697404812861e-10	1.1750611594863e-10	-0.81529951683802	1.3697404812861e-10	1.1750611594863e-10	-0.81529951673525	-1.7050933410272e-12	-1.7050933410272e-12	-0.81529951673525	-1.7050933410272e-12	-1.7050933410272e-12	1.4627188349436e-12	1.4627188349436e-12																			
11	-0.8152995167981	8.3100103278507e-11	7.1289196768021e-11	-0.81529951661041	-1.701606783101e-10	1.459760090583e-10	-0.81529951672052	-2.1584066523191e-11	1.8516299604698e-11	-0.81529951672052	-2.1584066523191e-11	1.8516299604698e-11	-0.81529951673671	2.6851480614741e-13	2.6851480614741e-13	-0.81529951673671	2.6851480614741e-13	2.6851480614741e-13	2.3037127760972e-13	2.3037127760972e-13																			
12	-0.81529951672681	-1.3094717978302e-11	1.1233569630065e-11	-0.81529951675639	2.681341669567e-11	2.3002488802604e-11	-0.81529951673903	3.4010659345742e-12	2.9176661087149e-12	-0.81529951673903	3.4010659345742e-12	2.9176661087149e-12	-0.81529951673648	-4.2198658393629e-14	-4.2198658393629e-14	-0.81529951673648	-4.2198658393629e-14	-4.2198658393629e-14	1.391258705652	1.391258705652																			
13	-0.81529951673804	2.0633563024947e-12	1.7701395904623e-12	-0.81529951673338	-4.2252166778798e-12	3.6246561307962e-12	-0.81529951673612	-5.3593512259557e-13	4.5974335449728e-13	-0.81529951673612	-5.3593512259557e-13	4.5974335449728e-13	-0.81529951673648	-4.2198658393629e-14	-4.2198658393629e-14	-0.81529951673648	-4.2198658393629e-14	-4.2198658393629e-14	1.391258705652	1.391258705652																			
14	-0.81529951673627	-3.2506344059409e-13	2.7888802378584e-13	-0.81529951673701	6.6557134694074e-13	5.7098770156472e-13	-0.81529951673658	8.4397316787265e-14	0.78452767506872	-0.81529951673658	8.4397316787265e-14	0.78452767506872	-0.81529951673648	-4.2198658393629e-14	-4.2198658393629e-14	-0.81529951673648	-4.2198658393629e-14	-4.2198658393629e-14	1.391258705652	1.391258705652																			
15	-0.81529951673627	-3.2506344059409e-13	2.7888802378584e-13	-0.81529951673701	6.6557134694074e-13	5.7098770156472e-13	-0.81529951673658	8.4397316787265e-14	0.78452767506872	-0.81529951673658	8.4397316787265e-14	0.78452767506872	-0.81529951673648	-4.2198658393629e-14	-4.2198658393629e-14	-0.81529951673648	-4.2198658393629e-14	-4.2198658393629e-14	1.391258705652	1.391258705652																			
16	-0.81529951673655	5.131940588505e-14	2.129442253854	-0.81529951673644	-1.0470618120148e-13	8.9817042692175e-14	-0.81529951673653	8.4397316787265e-14	0.78452767506872	-0.81529951673644	-1.0470618120148e-13	8.9817042692175e-14	-0.81529951673648	-4.2198658393629e-14	-4.2198658393629e-14	-0.81529951673648	-4.2198658393629e-14	-4.2198658393629e-14	1.391258705652	1.391258705652																			
17	-0.81529951673655	5.131940588505e-14	2.129442253854	-0.81529951673644	-1.0470618120148e-13	8.9817042692175e-14	-0.81529951673653	8.4397316787265e-14	0.78452767506872	-0.81529951673644	-1.0470618120148e-13	8.9817042692175e-14	-0.81529951673648	-4.2198658393629e-14	-4.2198658393629e-14	-0.81529951673648	-4.2198658393629e-14	-4.2198658393629e-14	1.391258705652	1.391258705652																			
18	-0.81529951673655	5.131940588505e-14	2.129442253854	-0.81529951673644	-1.0470618120148e-13	8.9817042692175e-14	-0.81529951673653	8.4397316787265e-14	0.78452767506872	-0.81529951673644	-1.0470618120148e-13	8.9817042692175e-14	-0.81529951673648	-4.2198658393629e-14	-4.2198658393629e-14	-0.81529951673648	-4.2198658393629e-14	-4.2198658393629e-14	1.391258705652	1.391258705652																			

Figure 1: Método de Newton, raíz 4

Condición Inicial										α_i				γ_i				β_i				
Iteración	x_k	f_k	$ x_{k+1} - x_k $	x_k	f_k	$ x_{k+1} - x_k $	x_k	f_k	$ x_{k+1} - x_k $	α_i	x_k	f_k	$ x_{k+1} - x_k $	x_k	f_k	$ x_{k+1} - x_k $	x_k	β_i	x_k	f_k	$ x_{k+1} - x_k $	
0																						
1	-2.4302392435587	0.72869371506764	0.42853729390076	2.6895305618064	-1.3333333333333	0.68953056180636	13.112069531374	1.7202624339037	1.7	3.3561372715896	0.020262433903739	0.023821692764215	1.63538927770513	1.6061621767167	1.63538927770513	-12.618932875964	0.014610722948711					
2	-2.0017019496579	-0.72335177313934	0.69717864891965	-10.422538969568	4.3880555611007	1.5801405345592	1.744084126668	1.744084126668	0.26463690868971	0.012721264456927	0.012721264456927	0.012721264456927	1.6061621767167	1.6061621767167	1.6061621767167	-4.7710690639886	0.062412787301583					
3	-2.6988805985776	0.58414628119399	0.51202151958149	-8.8423984350088	2.6155962171639	0.85780439437427	1.7568083911249	1.7568083911249	-0.068704118134231	0.0052715241114405	0.0052715241114405	0.0052715241114405	1.5437493894151	1.5437493894151	1.5437493894151	-3.1096075414035	0.14392327596375					
4	-3.2109021181591	0.58547611356206	0.26492581003893	-9.7002028293831	3.6032918179184	0.99164783422833	1.7515338670134	1.7515338670134	0.057349547242315	0.0036309128537186	0.0036309128537186	0.0036309128537186	1.3998261134513	1.3998261134513	1.3998261134513	-1.870642167408	0.3197765366037					
5	-2.9459763081201	0.16090859470561	0.3766982096378	-10.691850663611	4.0643964611788	1.0343664138304	1.7551647798672	1.7551647798672	-0.031080933873881	0.00223465495468793	0.00223465495468793	0.00223465495468793	1.0800495778476	1.0800495778476	1.0800495778476	-0.82327540369287	0.9927033930202					
6	-3.3226745177579	0.92817708777755	0.40569200534537	-11.726217077442	4.3132107993936	0.92490854965603	1.7529182303203	1.7529182303203	0.022757373669098	0.0015155813611947	0.0015155813611947	0.0015155813611947	0.087346184827437	0.087346184827437	0.087346184827437	-0.44951944365998	0.64628258981125					
7	-2.9169825124126	0.17893118068031	0.25337348520263	-12.651125627098	5.1177091676675	1.2906182354711	1.7544338116815	1.7544338116815	-0.013865381062984	0.00097586853460063	0.00097586853460063	0.00097586853460063	-0.55893640498381	-0.55893640498381	-0.55893640498381	-0.26419005035035	0.42410384616493					
8	-3.1703559976152	0.46602855582168	0.23762656138413	-13.941743862569	4.0729047537003	2.0379891492803	1.7534579431469	1.7534579431469	0.0095693213774073	0.0006499665512345	0.0006499665512345	0.0006499665512345	-0.98304025114874	-0.98304025114874	-0.98304025114874	0.22918426267752	0.19741285000778					
9	-2.9327294362311	0.16754178672486	0.29968823703626	-15.979733011849	4.6947454436637	6.55633308113668	1.7541079096981	1.7541079096981	-0.006097179829567	0.00042406344055435	0.00042406344055435	0.00042406344055435	-0.78562740114096	-0.78562740114096	-0.78562740114096	-0.039308339582087	0.034953549917229					
10	-3.2324176732673	0.6519702788371	0.28382052783874	-22.536063823216	10.102789886908	6.5636204026347	1.7536838462576	1.7536838462576	0.0040977694179739	0.00028063083729957	0.00028063083729957	0.00028063083729957	-0.82058095105819	-0.82058095105819	-0.82058095105819	0.0071468142464752	0.0060980811237883					
11	-2.9485971454286	0.15992375533515	0.39954482154845	-29.099684225851	9.4607636422297	1.2642917142648	1.75396444770949	1.75396444770949	-0.0026599683129189	0.00018403811432677	0.00018403811432677	0.00018403811432677	-0.8144828699344	-0.8144828699344	-0.8144828699344	0.00011014538319567	0.00094571954473477					
12	-3.348141966977	0.9984655204594	0.45906655530779	-27.835392511586	9.6168909412583	0.96809448294614	1.7537804389805	1.7537804389805	0.0017668611783124	0.00012142829478345	0.00012142829478345	0.00012142829478345	-0.81542858947914	-0.81542858947914	-0.81542858947914	0.00017417798349559	0.00014940207518965					
13	-2.8890754116693	0.20792870419932	0.22189020464747	-28.803486994532	10.343496014258	0.91713398545375	1.7539018672753	1.7539018672753	-0.0011560521695249	7.9802688878639e-05	7.9802688878639e-05	7.9802688878639e-05	-0.81527918740395	-0.81527918740395	-0.81527918740395	-2.7431285097254e-05	2.3533016500821e-05					
14	-3.1109656163167	0.316140332882	0.22095114913188	-29.720620979986	11.774655506616	0.98024206680584	1.7538220645864	1.7538220645864	0.00076397105345605	5.2583982886434e-05	5.2583982886434e-05	5.2583982886434e-05	-0.81530272042045	-0.81530272042045	-0.81530272042045	4.3229311739197e-06	3.7085064349407e-06					
15	-2.8900144671848	0.20677955712966	0.22234573287166	-30.700863046792	12.440942083744	1.0375761220567	1.7538746485693	1.7538746485693	-0.00050157430717355	3.4589511825001e-05	3.4589511825001e-05	3.4589511825001e-05	-0.81529901191401	-0.81529901191401	-0.81529901191401	-6.8118719320928e-07	5.8437130323608e-07					
16	-3.1123602000565	0.31920661642312	0.22089278886861	-31.738439168848	12.357660423078	0.94604665477319	1.7538400590575	1.7538400590575	0.00033072431983373	2.2778631213694e-05	2.2778631213694e-05	2.2778631213694e-05	-0.81529959628532	-0.81529959628532	-0.81529959628532	1.0733999321954e-07	9.2083899838613e-08					
17	-2.8914674111879	0.20502446266466	0.22311312277125	-32.684485823622	13.497299868694	1.1014455394813	1.7538628376887	1.7538628376887	-0.00021745302592404	1.4989515852548e-05	1.4989515852548e-05	1.4989515852548e-05	-0.81529950420142	-0.81529950420142	-0.81529950420142	-1.6914359517413e-08	1.45103450366634e-08					
18	-3.1145805339591	0.32413903141004	0.2208592552658	-33.785931363103	12.480678580976	0.91362008327798	1.7538478481729	1.7538478481729	0.00014324381088352	9.8687167886524e-06	9.8687167886524e-06	9.8687167886524e-06	-0.81529951673773	-0.81529951673773	-0.81529951673773	2.6653222364345e-09	2.2865036530817e-09					
19	-2.8937212786933	0.20235737113021	0.22446050919297	-34.699551446381	14.141392376013	1.0439826318851	1.7538577168896	1.7538577168896	-9.4243753184903e-05	6.4952167109222e-06	6.4952167109222e-06	6.4952167109222e-06	-0.81529951642526	-0.81529951642526	-0.81529951642526	-4.1999485579018e-10	3.6030156636002e-10					
20	-3.1181817878863	0.33226942612922	0.22095278049945	-35.743534078266	13.899575611402	0.94109938351134	1.75385122167279	1.75385122167279	6.2055556085252e-05	4.2758149800814e-06	4.2758149800814e-06	4.2758149800814e-06	-0.81529951678556	-0.81529951678556	-0.81529951678556	6.6181603120161e-11	5.6775251167096e-11					
21	-2.8972290073869	0.198342257233829	0.22696418657812	-36.684633461777	15.202570081648	1.1020577433971	1.75385549748729	1.75385549748729	-4.0839226099351e-05	2.8143845378636e-06	2.8143845378636e-06	2.8143845378636e-06	-0.81529951672879	-0.81529951672879	-0.81529951672879	-1.0428662681618e-11	8.9463991770344e-12					
22	-3.124193193965	0.34619226537227	0.22148743742048	-37.786691205174	14.009746695101	0.91706751911056	1.7538623971423e-05	1.7538623971423e-05	2.6886023971423e-05	1.8526268474872e-06	1.8526268474872e-06	1.8526268474872e-06	-0.81529951673773	-0.81529951673773	-0.81529951673773	1.6433154780223e-12	1.4097611966669e-12					
23	-2.9027057565445	0.19240930266195	0.23198228658695	-38.703758724285	15.758550643717	1.0317058840047	1.7538545357302	1.7538545357302	-1.7696013898245e-05	1.2194560581325e-06	1.2194560581325e-06	1.2194560581325e-06	-0.81529951673632	-0.81529951673632	-0.81529951673632	-2.5878600882314e-13	2.2204460492503e-13					
24	-3.1346880431314	0.37150949850288	0.22343150412232	-39.73546460829	15.648402702549	0.95586567220391	1.7538533162742	1.7538533162742	1.1649043981872e-05	8.0271556091027e-07	8.0271556091027e-07	8.0271556091027e-07	-0.81529951673654	-0.81529951673654	-0.81529951673654	4.0739338795004e-14	1.3905263043087					
25	-2.9112565390091	0.18398548916529	0.2430972295076	-40.691330280494	16.801819115934	1.0758125363833	1.7538541189897	1.7538541189897	-7.6676397369791e-06	5.2837931296956e-07	5.2837931296956e-07	5.2837931296956e-07										
26	-3.1543537685167	0.42213373422755	0.22997283544206	-41.767142816877	15.894576721923	0.9221565847747	1.7538535906104	1.7538535906104	5.0473299398486e-06	3.478062930995e-07	3.478062930995e-07	3.478062930995e-07										
:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:
54	-3.1463847352569	0.40114687401558	0.22690959073305	-69.756871660005	27.199739770914	0.93735800853123	1.7538538003532	1.7538538003532	4.1491046487204e-11	2.8590463330147e-12	2.8590463330147e-12	2.8590463330147e-12										
55	-2.9194751445238	0.17688089450144	0.25872778673537	-70.694229668536	29.443398937814	1.0693782536222	1.753853800356	1.753853800356	-2.7312407759911e-11	1.8820500713446e-12	1.8820500713446e-12	1.8820500713446e-12										
56	-3.1782029312592	0.48831995812939	0.24205496120868	-71.763607922159	27.789226104925	0.93300147330031	1.7538538003542	1.7538538003542	1.7976618559813e-11	1.2387868508767e-12	1.2387868508767e-12	1.2387868508767e-12										
57	-2.9361479700505	0.16556784850464	0.31495646781919	-72.696609395459	30.220193439322	1.0611624364361	1.7538538003554	1.7538538003554	-1.1828086907503e-11	8.1512574467979e-13	8.1512574467979e-13	8.1512574467979e-13										
58	-3.2511044378697	0.71044684270416	0.30287803219156	-73.757771831895	28.760258354183	0.93728059241528	1.7538538003546	1.7538538003546	7.7871141224285e-12	5.366818101038e-13	5.366818101038e-13	5.366818101038e-13										
59	-2.9482264056782	0.16005642794445	0.39609709529933	-74.69505242431	31.110625086498	1.06																