

	Condición Inicial									
	$\beta_i$					$\gamma_i$				
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	3.1824826983966e-05
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	-5.0340888372948e-06
18	-0.8152995167429	8.6118097814453e-12	7.3878680950656e-12	-3.3118047845601	0.89663857968154	0.38621204498407	-2.2058241599551	-3.8389351030681e-07	1.4261330960608e-07	2.725577543315e-06
19	-0.81529951673551	-1.3571672267219e-12	1.1642908859244e-12	-2.925592739576	0.17224057948187	0.27465463932124	-2.2058243025684	2.0761816286327e-07	7.7128442743657e-08	-1.4724161546732e-06
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	-4.3066511177008e-07
22				-3.3018450804703	0.867084106982	0.36979634609668	-2.205824245936	-3.2841925929321e-08	1.2200506382953e-08	2.3291329798473e-07
23				-2.9320487343736	0.1679563678331	0.29693160277174	-2.2058242567941	1.7761640218958e-08	6.5983036812156e-09	-1.2596463888263e-07
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				-3.32958876496	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