Condición Inicial

Iteración	β_i			γ_i			α_i			b_i		
	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	0.220996874733515	0	-0.4	0.90909090909091	-0.76	-0.07187424423847	0.06641736422902	-0.81	-0.0071296522431815	0.0061513858379981
1	-0.77900312526485	-0.04786049519067	0.042955240382728	-0.90909090909091	0.13020836229111	0.106590061313	-0.8264173646229	0.015089486810406	0.012803331517959	-0.81615385838	0.0011500151795475	0.00098568716893666
2	-0.821958365654758	0.009017196563797	0.0076835774562825	-0.80250084777791	-0.017142100934338	0.014917871884157	-0.81361403310494	-0.002272005519605	0.0019527380057091	-0.81516569866906	-0.00018055546890473	0.00015491514360544
3	-0.81427478819129	-0.0013819449337619	0.0011868137702213	-0.81741871966207	0.0028628734691351	0.0024505797799501	-0.81556677111065	0.00036067538721634	0.00030932641702031	-0.81532061381267	2.846785067977e-05	2.4421242888373e-05
4	-0.81546160196151	0.0002187308432859	0.0001876110315101	-0.81496813988212	-0.00044470650878011	0.00038365580821183	-0.81525744469363	-5.6769025135287e-05	4.8702672985068e-05	-0.81529619256978	-4.484900423285e-06	3.847986344243e-06
5	-0.81527399093	-3.443023196028e-05	2.9548475506624e-05	-0.81535179789033	7.054813654601e-05	6.0517906307567e-05	-0.81530614736662	8.9471409173326e-06	7.6544265050676e-06	-0.81530004055671	7.068223491622e-07	6.063620581057e-07
6	-0.81530353940551	5.428044035977e-06	4.6565416748079e-06	-0.81529127998402	-1.1114295503289e-05	9.5347184018157e-06	-0.81529847192397	-1.4098276441149e-06	1.2094521049111e-06	-0.81529943419441	-1.1137902794873e-07	9.54888023878e-08
7	-0.81529888286384	-8.553225629661e-07	7.3375696818534e-07	-0.81530081470242	1.7514247745957e-06	1.5024951309783e-06	-0.81529968137607	2.2215808362584e-07	1.9058302758168e-07	-0.8152995297433	1.7550832536876e-08	1.5056356605925e-08
8	-0.8152996166208	1.3477989171812e-07	1.1562379857562e-07	-0.81529931220729	-2.7598355575629e-07	2.3675844307292e-07	-0.81529949079304	-3.5007085624439e-08	3.0031577447076e-08	-0.81529951468694	-2.7656157904719e-09	2.37254260068211e-09
9	-0.8152950099701	-2.1238265981698e-08	1.8219700748112e-08	-0.81529954896574	4.34885830938355e-08	3.7307821942889e-08	-0.81529952082462	5.516328795515e-09	4.7323005514244e-09	-0.81529951705948	4.3579800804003e-10	3.7385927686984e-10
10	-0.81529951921671	3.3466726007906e-09	2.8710146482425e-09	-0.81529951165792	-6.8528593689817e-09	5.8788719448089e-09	-0.81529951609232	-8.6924919088266e-10	7.4570394303919e-10	-0.81529951668562	-6.8671932009343e-11	5.891653333382e-11
11	-0.81529951634169	-5.273602064586e-10	4.5240733381746e-10	-0.81529951753679	1.0798561292282e-09	9.263776412638e-10	-0.81529951683802	1.3697404812861e-10	1.1750611594863e-10	-0.81529951674453	1.0820976433861e-11	9.2830187980108e-12
12	-0.81529951672981	8.310103278507e-11	7.1289196768021e-11	-0.81529951661041	-1.701606783101e-10	1.459760090583e-10	-0.81529951672052	-2.1584066523191e-11	1.8516299604698e-11	-0.81529951673525	-1.7050933410272e-12	1.4627188349436e-12
13	-0.8152995167281	-1.3094717978302e-11	1.1233569630065e-11	-0.81529951675639	2.681341669567e-11	2.3002488802604e-11	-0.81529951673903	3.4010659345742e-12	2.9176661087149e-12	-0.81529951673671	2.6851480614741e-13	2.303712760972e-13
14	-0.8152995167304	1.7701395904623e-12	1.7701395904623e-11	-0.81529951673338	-4.2252166777898e-12	3.6240561307962e-12	-0.81529951673612	-5.3593512259557e-13	4.5974335449728e-13	-0.81529951673648	-4.2198658393629e-14	1.391258705652
15	-0.81529951673627	2.0633563024947e-12	2.7888802378584e-13	-0.81529951673701	6.6557134694074e-13	5.7098770156472e-13	-0.81529951673658	8.4397316787265e-14	7.8452675066872e-14			
16	-0.81529951673655	-3.2506344059409e-13	2.129442253854	-0.81529951673644	-1.0470618120148e-13	8.9817042692175e-14						
17		5.131940588505e-14		-0.81529951673653	1.6417345484554e-14	2.4965052678236e-14						
18												

Figure 1: Método de Newton, raíz 4