

Condición Inicial																
Iteración	$x_0 = \beta_j, x_1 = \alpha_j, x_2 = \gamma_j$			$f(x_i)$			$x_0 = \beta_j, x_1 = \alpha_j, x_2 = b_j$			$f(x_i)$			$x_0 = \alpha_j, x_1 = b_j, x_2 = \gamma_j$			$f(x_i)$
	x_{i-2}	x_{i-1}	x_i	x_{i-2}	x_{i-1}	x_i	x_{i-2}	x_{i-1}	x_i	x_{i-2}	x_{i-1}	x_i	x_{i-2}	x_{i-1}	x_i	
0	-3	-2.2	-2	-0.727272727273	-2.25	-2	-0.727272727273	-2.25	-2	-0.727272727273	-2.25	-2	-0.727272727273	-2.25	-2	
1	-2.2	-2	-2.2037943812667	-0.0084209199318774	-2.25	-2.0182914254968	-0.68259112810218	-2.25	-2.2076286484839	-0.007482459507042	-2.25	-2.198609841354	-0.029939706041783	-2.198609841354	-0.029939706041783	
2	-2	-2.2037943812667	-2.2063121927627	0.0020237019382501	-2	-2.3752256071923	0.60945185673965	-2.25	-2.2076286484839	-0.0012386366529905	-2	-2.198609841354	-0.0068576375542019	-2.207477942	-0.0068576375542019	
3	-2.2037943812667	-2.2063121927627	-2.205824149415	-4.2761046623011e-07	-2.0182914254968	-2.1955621407257	-0.0425928018789	-2.2076286484839	-2.2057943891107	4.229467549857e-08	-2.198609841354	-2.2058227411456	-6.2686354345838e-06	-2.2058227411456	-6.2686354345838e-06	
4	-2.2063121927627	-2.205824149415	-2.2058242525185	2.8104922810372e-11	-2.3752256071923	-2.1955621407257	0.0060782041325861	-2.2076286484839	-2.2058242525118	1.7798532593115e-13	-2.207477942	-2.2058227411456	-1.4053323560024e-09	-2.2058227411456	-1.4053323560024e-09	
5	-2.205824149415	-2.2058242525185	-2.2058242525118	-2.3219866684157e-15	-2.1955621407257	-2.20582840921	1.7240567481806e-05	-2.205824262709	-2.2058242525118	-1.0398462036818e-14	-2.2058227411456	-2.2058242525118	-1.0095594210503e-15	-2.2058242525118	-1.0095594210503e-15	
6	-2.205824149415	-2.2058242525118	-2.2072899515838	-2.2072899515838	-2.20582840921	-2.2058242517106	-3.3229961358111e-09	-2.205824262709	-2.2058242525118							
7					-2.20582840921	-2.2058242517106	2.5238985526257e-15									
8																

Figure 1: Método Muller, raíz 1

Condición Inicial														
Iteración	$x_0 = \beta_j, x_1 = \alpha_j, x_2 = \gamma_j$			$x_0 = \beta_j, x_1 = b_j, x_2 = \gamma_j$			$x_0 = \beta_j, x_1 = \alpha_j, x_2 = b_j$			$x_0 = \alpha_j, x_1 = b_j, x_2 = \gamma_j$			$f(x_i)$	
	x_{i-2}	x_{i-1}	x_i	x_{i-2}	x_{i-1}	x_i	x_{i-2}	x_{i-1}	x_i	x_{i-2}	x_{i-1}	x_i	x_{i-2}	$f(x_i)$
0	-2	-1.6	-1	-2	-1.6	-1	-2	-1.6	-1.65	-1.6	-1.65	-1	-0.72005766984751	0.25
1	-1.6	-1	-1	-1.65	-1	-1	-1.6	-1.65	-1.65	-1.6	-1.65	-1	-0.77875931559468	-0.11951332550145
2	-1	-1	nan	-1	-1.65	-0.063383452705851	-1	-1.65	nan	-1	-1.65	-0.72005766984751	-0.77875931559468	-0.048173547239076
3				-0.063383452705851	-0.063383452705851	-0.30643582824342	nan	nan	nan	-0.72005766984751	-0.77875931559468	-0.72005766984751	-0.77875931559468	-0.0058131184272754
4										-0.77875931559468	-0.81959758795381	-0.81509103693814	-0.81509103693814	-0.00028128203982335
5										-0.81509103693814	-0.81509103693814	-0.81529861570175	-0.81529861570175	-1.2158198329153e-06
6										-0.81529861570175	-0.81529861570175	-0.81529951691514	-0.81529951691514	2.4103630458261e-10
7										-0.81529951691514	-0.81529951691514	-0.81529951673651	-0.81529951673651	-4.8643986620899e-16
8														

Figure 1: Método Muller, raíz 2

Condición Inicial														
	$x_0 = \beta_j, x_1 = \alpha_j, x_2 = \gamma_j$					$x_0 = \beta_j, x_1 = \alpha_j, x_2 = b_j$					$x_0 = \alpha_j, x_1 = b_j, x_2 = \gamma_j$			
Iteración	x_{i-2}	x_{i-1}	x_i	$f(x_i)$	x_{i-2}	x_{i-1}	x_i	$f(x_i)$	x_{i-2}	x_{i-1}	x_i	$f(x_i)$	x_{i-2}	$f(x_i)$
0	-2	-1.4	-1	0.25	-2	-1.4	-1.45	0.25	-1.4	-1.45	-1	-0.67029643493888	-1.4	0.25
1	-1.4	-1	-0.25894251175844	-0.35120073419762	-1.4	-1.45	-2.7085668841963	-0.78856066652166	-1.45	-2.7085668841963	-0.67029643493888	-0.17271144873703	-1.45	-0.17271144873703
2	-1	-0.25894251175844	-0.41237750997926	-0.3290314659692	-1	-1.45	-2.2469093294821	-0.8732840735736	-1.45	-2.2469093294821	-0.75022483798068	-0.083904502237005	-1	-0.083904502237005
3	-0.25894251175844	-0.41237750997926	nan	nan	-1	-1.45	-2.2469093294821	-0.37899640745977	-1.45	-2.2469093294821	-0.83210934436341	0.022877427070809	-1	0.022877427070809
4					0.8732840735736	0.37899640745977	nan	nan	-1	-1.45	-0.8136005664669	-0.0022903377034889	-1	-0.0022903377034889
5									-1	-1.45	-0.8136005664669	-3.8516746842751e-05	-1	-3.8516746842751e-05
6									-1	-1.45	-0.81527097183628	6.1157106012116e-08	-1	6.1157106012116e-08
7									-1	-1.45	-0.81529951673527	-1.6788391483858e-12	-1	-1.6788391483858e-12
8									-1	-1.45	-0.81529951673527	1.21609996655225e-16	-1	1.21609996655225e-16
9									-1	-1.45	-0.81529951673527		-1	

Figure 1: Método Muller, raíz 3

Condición Inicial																
Iteración	$x_0 = \beta_j, x_1 = \alpha_j, x_2 = \gamma_j$					$x_0 = \beta_j, x_1 = \alpha_j, x_2 = b_j$					$x_0 = \alpha_j, x_1 = b_j, x_2 = \gamma_j$					$f(x_i)$
	x_{i-2}	x_{i-1}	x_i	$f(x_i)$	x_{i-2}	x_{i-1}	x_i	$f(x_i)$	x_{i-2}	x_{i-1}	x_i	$f(x_i)$	x_{i-2}	x_{i-1}	x_i	
0	-1	-0.76		-0.4	-1	-0.76	-0.81	-0.0071296522431815	-0.76	-0.81		-0.4	-0.76	-0.81		-0.4
1	-0.76		nan	nan	-0.76	-0.81	-0.81554919091683	0.00033694663670063	-0.81	-0.81554919091683	-0.64049472250976	-0.20100202403686	-0.81	-0.64049472250976	nan	nan
2					-0.81		-0.81529807543648	-1.944831341696e-06								
3					-0.81554919091683		-0.81529951638858	-4.6948609901962e-10								
4					-0.81529807543648		-0.81529951673651	7.2965979931349e-16								

Figure 1: Método Muller, raíz 4

Condición Inicial																
Iteración	$x_0 = \beta_j, x_1 = \alpha_j, x_2 = \gamma_j$				$x_0 = \beta_j, x_1 = b_j, x_2 = \gamma_j$				$x_0 = \beta_j, x_1 = \alpha_j, x_2 = b_j$				$x_0 = \alpha_j, x_1 = b_j, x_2 = \gamma_j$			
	x_{i-2}	x_{i-1}	x_i	$f(x_i)$	x_{i-2}	x_{i-1}	x_i	$f(x_i)$	x_{i-2}	x_{i-1}	x_i	$f(x_i)$	x_{i-2}	x_{i-1}	x_i	$f(x_i)$
0	1	1.7	2	-1.33333333333333	1	1.65	2	-1.33333333333333	1	1.7	1.65	-12.618932875964	1.7	1.65	2	-1.33333333333333
1	1.7	2	1.9188520942917	-1.278404981906	1.65	2	2.0427939831075	-1.3215817404791	1.7	1.65	-2.242873561191	0.14979560008007	1.65	2	2.042917962412	-1.32152828712139
2	2	1.9188520942917	nan	nan	2	2.0427939831075	nan	nan	1.65	1.65	-2.242873561191	0.0056971964439259	2	2.042917962412	nan	nan
3									-2.242873561191	-2.2071980601625	-2.2058115440726	-5.2710370495991e-05				
4									-2.2071980601625	-2.2058115440726	-2.2058242556364	1.2959758631339e-08				
5									-2.2058115440726	-2.2058242556364	-2.2058242525118	2.0998835957846e-14				
6																

Figure 1: Método Muller, raíz 5