

Find the right-most root of the function $f(x)=4x^2+3x-3$ using the bisection method

Iteration	a	f(a)	b	f(b)	c	f(c)	f(a)*f(c)	f(b)*f(c)	error=b-a	Root B/T B&A	x	f(x)
0	0	-3	1	4	0.5	-0.5	1.5	-2	1	TRUE	0	-3
1	0.5	-0.5	1	4	0.75	1.5	-0.75	6	0.5	TRUE	0.01	-2.9898
2	0.5	-0.5	0.75	1.5	0.625	0.4375	-0.21875	0.89625	0.25	TRUE	0.02	-2.9392
3	0.5	-0.5	0.625	0.4375	0.5625	-0.048875	0.0234375	-0.0205078125	0.125	TRUE	0.03	-2.9088
4	0.5625	-0.048875	0.625	0.4375	0.59375	0.19140625	-0.008972167966	0.08374023438	0.0625	TRUE	0.04	-2.8784
5	0.5625	-0.048875	0.59375	0.19140625	0.578125	0.0712890625	-0.003341674805	0.01384517212	0.03125	TRUE	0.05	-2.848
6	0.5625	-0.048875	0.578125	0.0712890625	0.5703125	0.01196289063	-0.0005680760498	0.008528232574	0.015625	TRUE	0.06	-2.8176
7	0.5625	-0.048875	0.5703125	0.01196289063	0.56840625	-0.01751708984	0.0008211138880	0.00209555029	0.0078125	TRUE	0.07	-2.7872
											0.08	-2.7568
											0.09	-2.7264
											0.1	-2.696
											0.11	-2.6656
											0.12	-2.6352
											0.13	-2.6048
											0.14	-2.5744
											0.15	-2.544
											0.16	-2.5136
											0.17	-2.4832
											0.18	-2.4528
											0.19	-2.4224
											0.2	-2.392
											0.21	-2.3616
											0.22	-2.3312
											0.23	-2.3008
											0.24	-2.2704
											0.25	-2.24
											0.26	-2.2096
											0.27	-2.1792
											0.28	-2.1488
											0.29	-2.1184
											0.3	-2.088
											0.31	-2.0576
											0.32	-2.0272
											0.33	-1.9968
											0.34	-1.9664
											0.35	-1.936
											0.36	-1.9056
											0.37	-1.8752
											0.38	-1.8448
											0.39	-1.8144
											0.4	-1.784
											0.41	-1.7536
											0.42	-1.7232
											0.43	-1.6928
											0.44	-1.6624
											0.45	-1.632
											0.46	-1.6016
											0.47	-1.5712
											0.48	-1.5408
											0.49	-1.5104
											0.5	-1.48
											0.51	-1.4496
											0.52	-1.4192
											0.53	-1.3888
											0.54	-1.3584
											0.55	-1.328
											0.56	-1.2976
											0.57	-1.2672
											0.58	-1.2368
											0.59	-1.2064
											0.6	-1.176
											0.61	-1.1456
											0.62	-1.1152
											0.63	-1.0848

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