

Biseksi

iterasi	an	bn	xn	en	f(an)	f(xn)
1	2	3	2.5	0.5	-3	3.125
2	2	2.5	2.25	0.25	-3	-0.359375
3	2.25	2.5	2.375	0.125	-0.359375	1.271484375
4	2.25	2.375	2.3125	0.0625	-0.359375	0.428955078
5	2.25	2.3125	2.28125	0.03125	-0.359375	0.028106689
6	2.25	2.28125	2.265625	0.015625	-0.359375	-0.167293549
7	2.265625	2.28125	2.2734375	0.0078125	-0.167293549	-0.070009708
8	2.273438	2.28125	2.277344	0.003906	-0.070003456	-0.021052618
9	2.277344	2.28125	2.279297	0.001953	-0.021052618	0.003500954
10	2.277344	2.279297	2.2783205	0.0009765	-0.021052618	-0.008782349
11	2.2783205	2.279297	2.27880875	0.00048825	-0.008782349	-0.002642327
12	2.27880875	2.279297	2.279052875	0.000244125	-0.002642327	0.000428906
13	2.27880875	2.279052875	2.278930813	0.000122063	-0.002642327	-0.001106812
14	2.278930813	2.279052875	2.278991844	6.10313E-05	-0.001106812	-0.000338979
15	2.278991844	2.279052875	2.279022359	3.05156E-05	-0.000338979	4.49574E-05
16	2.278991844	2.279022359	2.279007102	1.52578E-05	-0.000338979	-0.000147012
17	2.279007102	2.279022359	2.27901473	7.62891E-06	-0.000147012	-5.10278E-05
18	2.27901473	2.279022359	2.279018545	3.81445E-06	-5.10278E-05	-3.03529E-06
19	2.279018545	2.279022359	2.279020452	1.90723E-06	-3.03529E-06	2.0961E-05
20	2.279018545	2.279020452	2.279019499	9.53613E-07	-3.03529E-06	8.96287E-06
21	2.279018545	2.279019499	2.279019022	4.76807E-07	-3.03529E-06	2.96379E-06
22	2.279018545	2.279019022	2.279018783	2.38403E-07	-3.03529E-06	-3.57498E-08
23	2.279018783	2.279019022	2.279018903	1.19202E-07	-3.57498E-08	1.46402E-06
24	2.279018783	2.279018903	2.279018843	5.96008E-08	-3.57498E-08	7.14135E-07

Regula Falsi

iterasi	an	bn	f(an)	f(bn)	xn	f(xn)
1	2	3	-3	13	2.1875	-1.094970703
2	2.1875	3	-1.094970703	13	2.25061923	-0.351825547
3	2.25061923	3	-0.351825547	13	2.270365691	-0.108360059
4	2.270365691	3	-0.108360059	13	2.276397202	-0.032937229
5	2.276397202	3	-0.032937229	13	2.278225912	-0.009971468
6	2.278225912	3	-0.009971468	13	2.278779115	-0.003015102
7	2.278779115	3	-0.003015102	13	2.278946349	-0.000911349
8	2.278946349	3	-0.000911349	13	2.278996894	-0.000275435
9	2.278996894	3	-0.000275435	13	2.27901217	-8.32414E-05
10	2.27901217	3	-8.32414E-05	13	2.279016787	-2.51568E-05
11	2.279016787	3	-2.51568E-05	13	2.279018182	-7.60272E-06
12	2.279018182	3	-7.60272E-06	13	2.279018604	-2.29764E-06
13	2.279018604	3	-2.29764E-06	13	2.279018731	-6.94379E-07
14	2.279018731	3	-6.94379E-07	13	2.279018769	-2.09851E-07
15	2.279018769	3	-2.09851E-07	13	2.279018781	-6.34196E-08
16	2.279018781	3	-6.34196E-08	13	2.279018785	-1.91663E-08
17	2.279018785	3	-1.91663E-08	13	2.279018786	-5.79231E-09
18	2.279018786	3	-5.79231E-09	13	2.279018786	-1.75051E-09
19	2.279018786	3	-1.75051E-09	13	2.279018786	-5.29027E-10
20			-5	-5	#DIV/0!	#DIV/0!
21			-5	-5	#DIV/0!	#DIV/0!
22			-5	-5	#DIV/0!	#DIV/0!

23	-5	-5	#DIV/0!	#DIV/0!
24	-5	-5	#DIV/0!	#DIV/0!
25	-5	-5	#DIV/0!	#DIV/0!
26	-5	-5	#DIV/0!	#DIV/0!
27	-5	-5	#DIV/0!	#DIV/0!
28	-5	-5	#DIV/0!	-115

f(an)*f(xn)

-9.375
1.078125
-0.456939697
-0.154155731
-0.010100842
0.060121119
0.011712173
0.001473756
-7.37043E-05
0.000184891
2.32058E-05
-1.13331E-06
2.92456E-06
3.75186E-07
-1.52396E-08
4.9834E-08
7.50171E-09
1.54884E-10
-6.36228E-11
-2.72049E-11
-8.99595E-12
1.08511E-13
-5.23385E-14
-2.55302E-14

f(an)*f(xn) en = |f(xn)|

3.284912109 1.094970703
0.385238667 0.351825547
0.038123837 0.108360059
0.00356908 0.032937229
0.000328433 0.009971468
3.0065E-05 0.003015102
2.74781E-06 0.000911349
2.51018E-07 0.000275435
2.29276E-08 8.32414E-05
2.09409E-09 2.51568E-05
1.9126E-10 7.60272E-06
1.74684E-11 2.29764E-06
1.59544E-12 6.94379E-07
1.45716E-13 2.09851E-07
1.33086E-14 6.34196E-08
1.21552E-15 1.91663E-08
1.11017E-16 5.79231E-09
1.01395E-17 1.75051E-09
9.26067E-19 5.29027E-10
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