

Table: Iteration vs error for bisection method

Iteration	Error
1	5
2	2.5
3	1.25
4	0.625
5	0.3125
6	0.15625
7	0.078125
8	0.039063
9	0.019531
10	0.009766
11	0.004883
12	0.002441
13	0.001221
14	0.00061
15	0.000305
16	0.000153
17	7.63E-05
18	3.81E-05
19	1.91E-05
20	9.54E-06

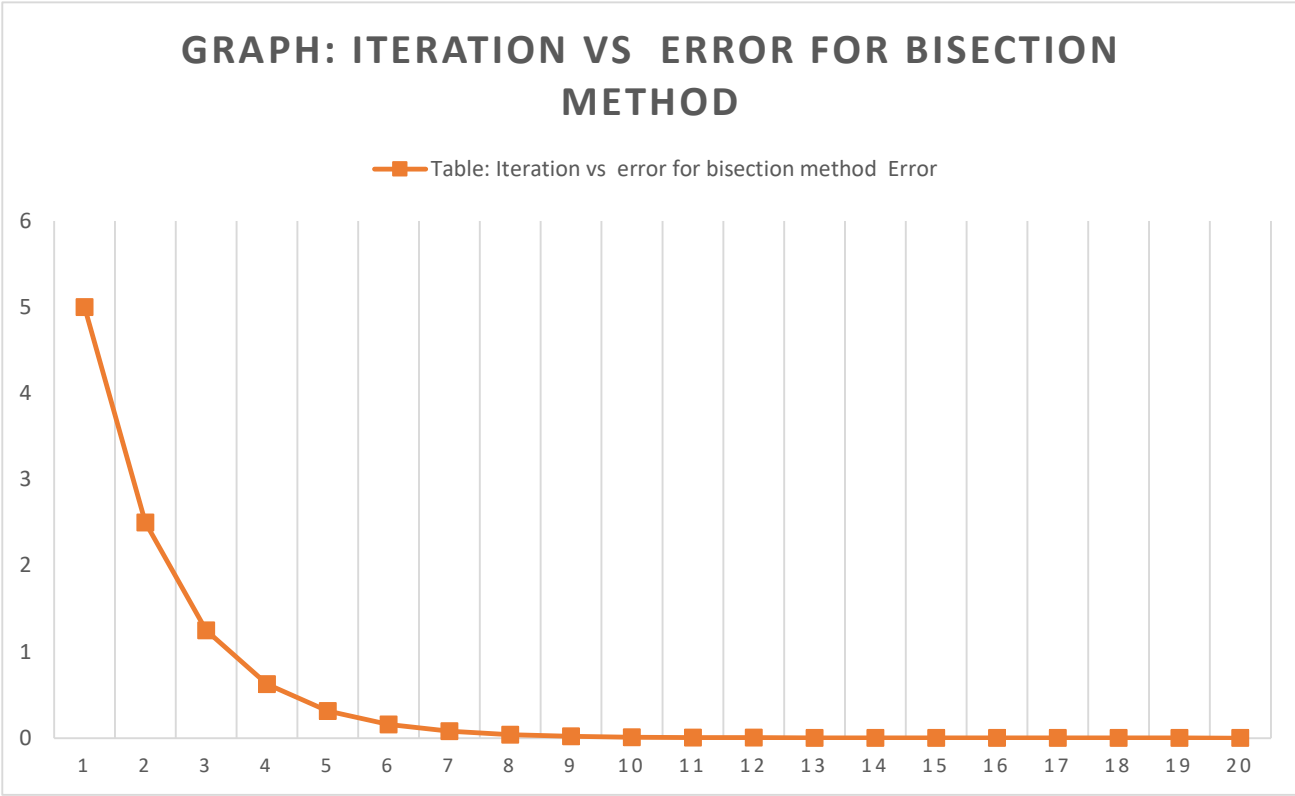


Table: Iteration vs error for false positioning method

Iteration	Error
1	0.166667
2	0.086445
3	0.040325
4	0.017844
5	0.007707
6	0.003294
7	0.001402
8	0.000595
9	0.000253
10	0.000107
11	4.54E-05
12	1.93E-05
13	8.17E-06
14	3.46E-06
15	1.47E-06
16	6.23E-07
17	2.64E-07
18	1.12E-07
19	4.75E-08
20	2.01E-08

