

## Método da bissecção

n	an	xn	bn	f(xn)	ERn
0	1.000000000e+01	1.050000000e+01	1.100000000e+01	6.382760625e+01	
1	1.000000000e+01	1.025000000e+01	1.050000000e+01	3.532760820e+01	2.439024390e-02
2	1.000000000e+01	1.012500000e+01	1.025000000e+01	1.156005242e+01	1.234567901e-02
3	1.000000000e+01	1.006250000e+01	1.012500000e+01	-3.172859250e+00	6.211180124e-03
4	1.006250000e+01	1.009375000e+01	1.012500000e+01	4.446005580e+00	3.095975232e-03
5	1.006250000e+01	1.007812500e+01	1.009375000e+01	7.008315856e-01	1.550387597e-03
6	1.006250000e+01	1.007031250e+01	1.007812500e+01	-1.219803396e+00	7.757951901e-04
7	1.007031250e+01	1.007421875e+01	1.007812500e+01	-2.554515835e-01	3.877471888e-04
8	1.007421875e+01	1.007617188e+01	1.007812500e+01	2.236963008e-01	1.938360147e-04
9	1.007421875e+01	1.007519531e+01	1.007617188e+01	-1.562578138e-02	9.692740138e-05
10	1.007519531e+01	1.007568359e+01	1.007617188e+01	1.040981885e-01	4.846135207e-05
11	1.007519531e+01	1.007543945e+01	1.007568359e+01	4.425194021e-02	2.423126318e-05
12	1.007519531e+01	1.007531738e+01	1.007543945e+01	1.431701402e-02	1.211577838e-05
13	1.007519531e+01	1.007525635e+01	1.007531738e+01	-6.534000859e-04	6.057925887e-06
14	1.007525635e+01	1.007528687e+01	1.007531738e+01	6.832052954e-03	3.028953769e-06
15	1.007525635e+01	1.007527161e+01	1.007528687e+01	3.089387901e-03	1.514479178e-06
16	1.007525635e+01	1.007526398e+01	1.007527161e+01	1.218009274e-03	7.572401625e-07

**Resultado achado: 10.075263977050781**