

$k$	$a_k$	$f(a_k)$	$b_k$	$f(b_k)$	$x_k$	$f(x_k)$	$err_k$
1	0	-4	3	5	1.5	-1.75	1.5
2	1.5	-1.75	3	5	2.25	1.0625	0.75
3	1.5	-1.75	2.25	1.0625	1.875	-0.484	0.375
4	1.875	-0.484	2.25	1.0625	2.0625	0.2539	0.1875
5	1.875	-0.484	2.0625	0.2539	1.9687	-0.124	0.0937
6	1.9687	-0.124	2.0625	0.2539	2.0156	0.0627	0.0468
7	1.9687	-0.124	2.0156	0.0627	1.9921	-0.031	0.0234
8	1.9921	-0.031	2.0156	0.0627	2.0039	0.0156	0.0117
9	1.9921	-0.031	2.0039	0.0156	1.9980	-0.007	0.0058
10	1.9980	-0.007	2.0039	0.0156	2.0009	0.0039	0.0029
11	1.9980	-0.007	2.0009	0.0039	1.9995	-0.001	0.0014
12	1.9995	-0.001	2.0009	0.0039	2.0002	0.0009	0.0007