

BISEC

ITERATION	ERROR	A	F(A)	B	F(B)	C	F(C)
0		0.5	0	-5	1	3	0.5 1.2
1		0.25	0	-5	0.5	1.175	0.25 -1.3
2		0.125	0.25	-1.275	0.5	1.175	0.375 0.1
3		0.0625	0.25	-1.275	0.375	0.09765625	0.3125 -0.6
4		0.03125	0.3125	-0.55029297	0.375	0.09765625	0.34375 -0.2
5		0.015625	0.34375	-0.21690674	0.375	0.09765625	0.359375 -0.1
6		0.0078125	0.359375	-0.05729523	0.375	0.09765625	0.3671875 0

FalsePos

ITERATION	ERROR	A	F(A)	B	F(B)	C	F(C)
0		1	0	-5	1	3	0.625 2
1		0.625	0	-5	0.625	3	0.390625 0.2
2		0.390625	0	-5	0.390625	3	0.244140625 -1.3
3		0.146484375	0.244140625	-5	0.390625	3	0.335693359 -0.3
4		0.054931641	0.335693359	-5	0.390625	3	0.370025635 0
5		0.034332275	0.335693359	-5	0.370025635	3	0.357151031 -0.1
6		0.012874603	0.357151031				

Newton

ITERATION	ERROR	A	F(A)	B	F(B)	C	F(C)
0		0.282485876	0	-5	0	17.7	
1		0.076807431	0.282485876	-0.88855599	0.282485876	11.56862013	
2		0.005773029	0.359293307	-0.05811758	0.359293307	10.06708671	

Secant

ITERATION	ERROR	A	F(A)	B	F(B)	C	F(C)
0		0.375	0.625	1.98046875	1	3	
1		0.728448276	-0.10344828	-6.95845668	0.625	1.98046875	
2		0.161391775	0.463608225	0.890443349	0.625	1.98046875	
3		0.131841178	0.331767046	-0.34250016	0.463608225	0.890443349	
4		0.036624245	0.368391291	0.032684119	0.331767046	-0.34250016	

ITERATION	ERROR	A	F(A)	B	F(B)	C	F(C)
0		1	1	3	3	-3.2	2 -0.4
1		0.5	1	3	2	-0.4	1.5 2
2		0.25	1.5	1.975	2	-0.4	1.75 0.9
3		0.125	1.75	0.8625	2	-0.4	1.875 0.2
4		0.0625	1.875	0.23828125	2	-0.4	1.9375 -0.1
5		0.03125	1.875	0.23828125	1.9375	-0.08056641	1.90625 0.1
6		0.015625	1.90625	0.07911377	1.9375	-0.08056641	1.921875 -0
7		0.0078125	1.90625	0.07911377	1.921875	-0.00068512	1.9140625 0

ITERATION	ERROR	A	F(A)	B	F(B)	C	F(C)
0		2	1	3	3	-3.2	1.967741935 -0.2
1		0.967741935	1	3	1.967741935	-3.2	1.468262227 2.1
2		0.499479709	1.468262227	3	1.967741935	-3.2	1.709945957 1.1
3		0.257795979	1.709945957	3	1.967741935	-3.2	1.834685947 0.4

4	0.133055989	1.834685947	3	1.967741935	-3.2	1.899067877	0.1
5	0.068674059	1.899067877	3	1.967741935	-3.2	1.93229726	-0.1
6	0.033229383	1.899067877	3	1.93229726	-3.2	1.915146611	0
7	0.017150649	1.915146611	3	1.93229726	-3.2	1.923445312	-0
8	0.008298701	1.915146611	3	1.923445312	-3.2		

ITERATION	ERROR	A	F(A)	B	F(B)	C	F(C)
0	0.795454545		2.5	-2.625	2.5	-3.3	
1	0.227499931	1.704545455	1.081423742	1.704545455	-4.7535124		
2	0.010301788	1.932045385	-0.05267372	1.932045385	-5.11306579		
3	2.66513E-06	1.921743597	-1.3619E-05	1.921743597	-5.11020945		

ITERATION	ERROR	A	F(A)	B	F(B)	C	F(C)
0	0.967741935	1.967741935	-0.23523883		1	3	
1	0.070365897	1.897376039	0.1243801	1.967741935	-0.23523883		
2	0.024337198	1.921713237	0.000141525	1.897376039	0.1243801		

ITERATION	ERROR	A	F(A)	B	F(B)	C	F(C)
0	0.5		3	-3.2	4	6.6	3.5 -0.6
1	0.25		3.5	-0.625	4	6.6	3.75 2.3
2	0.125		3.5	-0.625	3.75	2.3125	3.625 0.7
3	0.0625		3.5	-0.625	3.625	0.68671875	3.5625 -0
4	0.03125		3.5625	-0.00693359	3.625	0.68671875	3.59375 0.3
5	0.015625		3.5625	-0.00693359	3.59375	0.33026123	3.578125 0.2
6	0.0078125		3.5625	-0.00693359	3.578125	0.15927887	3.5703125 0.1

ITERATION	ERROR	A	F(A)	B	F(B)	C	F(C)
0		1	3	-3.2	4	6.6	3.326530612 -2
1	0.673469388	3.326530612		-3.2	4	6.6	3.546438984 -0.2
2	0.453561016	3.546438984		-3.2	4	6.6	3.69454054 1.6
3	0.148101556	3.546438984		-3.2	3.69454054	6.6	3.594798676 0.3
4	0.048359692	3.546438984		-3.2	3.594798676	6.6	3.562229904 -0
5	0.032568772	3.562229904		-3.2	3.594798676	6.6	3.572864605 0.1
6	0.010634701	3.562229904		-3.2	3.572864605	6.6	3.565702459 0
7	0.003472555	3.562229904		-3.2	3.565702459	6.6	

ITERATION	ERROR	A	F(A)	B	F(B)	C	F(C)
0	2.133333333		3	-3.2	3	1.5	
1	0.863583277	5.133333333	48.09007407	5.133333333	55.68666667		
2	0.476815576	4.269750057	12.95624356	4.269750057	27.17244195		

3	0.193115192	3.792934481	2.947603115	3.792934481	15.263445
4	0.035481256	3.599819288	0.397972739	3.599819288	11.21642211
5	0.001175933	3.564338033	0.012372602	3.564338033	10.52152371

ITERATION	ERROR	A	F(A)	B	F(B)	C	F(C)
0	0.326530612	3.326530612	-1.96885311	3	-3.2		
1	0.522188554	3.848719167	3.83382731	3.326530612	-1.96885311		
2	0.177178905	3.503709517	-0.59037342	3.326530612	-1.96885311		
3	0.075881941	3.579591458	0.175122597	3.503709517	-0.59037342		
4	0.017359519	3.562231939	-0.00974377	3.579591458	0.175122597		

ITERATION	ERROR	A	F(A)	B	F(B)	C	F(C)
0	25	100	-2.76259652	150	1.589219826	125	-0.1
1	12.5	125	-0.13404648	150	1.589219826	137.5	0.8
2	6.25	125	-0.13404648	137.5	0.808473014	131.25	0.4
3	3.125	125	-0.13404648	131.25	0.360453509	128.125	0.1
4	1.5625	125	-0.13404648	128.125	0.119458953	126.5625	-0
5	0.78125	126.5625	-0.00566914	128.125	0.119458953	127.34375	0.1
6	0.390625	126.5625	-0.00566914	127.34375	0.057293221	126.953125	0
7	0.1953125	126.5625	-0.00566914	126.953125	0.025912584	126.7578125	0
8	0.09765625	126.5625	-0.00566914	126.7578125	0.01014698	126.6601563	0
9	0.048828125	126.5625	-0.00566914	126.6601563	0.002245251	126.6113281	-0
10	0.024414063	126.6113281	-0.00171036	126.6601563	0.002245251	126.6357422	0
11	0.012207031	126.6113281	-0.00171036	126.6357422	0.000267841	126.6235352	-0
12	0.006103516	126.6235352	-0.00072116	126.6357422	0.000267841	126.6296387	-0

ITERATION	ERROR	A	F(A)	B	F(B)	C	F(C)
0	50	100	-2.76259652	150	1.589219826	131.7407296	0.4
1	31.74072963	100	-2.76259652	131.7407296	1.589219826	120.1494783	-0.6
2	11.59125128	120.1494783	-2.76259652	131.7407296	1.589219826	127.5077738	0.1
3	7.35829546	120.1494783	-2.76259652	127.5077738	1.589219826	124.8206317	-0.1
4	2.687142126	124.8206317	-2.76259652	127.5077738	1.589219826	126.5264687	-0
5	0.981305092	126.5264687	-2.76259652	127.5077738	1.589219826	127.1494155	0
6	0.622946792	126.5264687	-2.76259652	127.1494155	1.589219826	126.9219244	0
7	0.395455714	126.5264687	-2.76259652	126.9219244	1.589219826	126.7775098	0
8	0.251041058	126.5264687	-2.76259652	126.7775098	1.589219826	126.6858332	0
9	0.159364527	126.5264687	-2.76259652	126.6858332	1.589219826	126.6276356	-0
10	0.0581976	126.6276356	-2.76259652	126.6858332	1.589219826	126.6645803	0
11	0.036944686	126.6276356	-2.762				

ITERATION	ERROR	A	F(A)	B	F(B)	C	F(C)
0	20.78364014	100	-2.76259652	100	0.132921688		
1	5.568044812	120.7836401	-0.49772027	120.7836401	0.089388697		
2	0.280104866	126.351685	-0.0227976	126.351685	0.081389529		
3	0.000646218	126.6317898	-5.2354E-05	126.6317898	0.081016145		

ITERATION	ERROR	A	F(A)	B	F(B)	C	F(C)
0	18.25927037	131.7407296	0.397222023	150	1.589219826		
1	6.084729603	125.656	-0.07974465	131.7407296	0.397222023		
2	1.017313541	126.6733136	0.003310595	125.656	-0.07974465		
3	0.040550273	126.6327633	2.65123E-05	126.6733136	0.003310595		







