Warning: Function behaves unexpectedly on array inputs. To improve performance, properly ↙
vectorize your function to return an output with the same size and shape as the input
arguments.
> In matlab.graphics.function.FunctionLine>getFunction
In matlab.graphics.function/FunctionLine/updateFunction
In matlab.graphics.function/FunctionLine/set.Function_I
In matlab.graphics.function/FunctionLine/set.Function
In matlab.graphics.function.FunctionLine
In fplot>singleFplot (line 245)
In fplot>@(f)singleFplot(cax,{f},limits,extraOpts,args) (line 200)
In fplot>vectorizeFplot (line 200)
In fplot (line 166)
In secant (line 4)
Secant Method:

	n	d	x0	x1
Start	0	1	2	3
Loop 1	1	0.94118	3	2.0588
Loop 2	2	-0.02244	2.0588	2.0813
Loop 3	3	-0.01356	2.0813	2.0948
Loop 4	4	0.00027472	2.0948	2.0945
Loop 5	5	-2.0502e-06	2.0945	2.0946
Loop 6	6	-3.1473e-10	2.0946	2.0946

Newton Method:

	n	d	x
Start	0	0	2
Loop 1	1	0.1	2.1
Loop 2	2	0.0054319	2.0946
Loop 3	3	1.6639e-05	2.0946
Loop 4	4	1.5587e-10	2.0946

Bisection Method:

	a	b	c	error
Start	2	3	2.5	0.5
Loop 1	2	2.5	2.25	0.25
Loop 2	2	2.25	2.125	0.125
Loop 3	2	2.125	2.0625	0.0625
Loop 4	2.0625	2.125	2.0938	0.03125
Loop 5	2.0938	2.125	2.1094	0.015625
Loop 6	2.0938	2.1094	2.1016	0.0078125
Loop 7	2.0938	2.1016	2.0977	0.0039062
Loop 8	2.0938	2.0977	2.0957	0.0019531
Loop 9	2.0938	2.0957	2.0947	0.00097656
Loop 10	2.0938	2.0947	2.0942	0.00048828
Loop 11	2.0942	2.0947	2.0945	0.00024414

```
Loop 12     2.0945     2.0947     2.0946     0.00012207
Loop 13     2.0945     2.0946     2.0945     6.1035e-05
Loop 14     2.0945     2.0946     2.0946     3.0518e-05
Loop 15     2.0945     2.0946     2.0946     1.5259e-05
Loop 16     2.0945     2.0946     2.0946     7.6294e-06
Loop 17     2.0946     2.0946     2.0946     3.8147e-06
Loop 18     2.0946     2.0946     2.0946     1.9073e-06
Loop 19     2.0946     2.0946     2.0946     9.5367e-07
Loop 20     2.0946     2.0946     2.0946     4.7684e-07
Loop 21     2.0946     2.0946     2.0946     2.3842e-07
Loop 22     2.0946     2.0946     2.0946     1.1921e-07
Loop 23     2.0946     2.0946     2.0946     5.9605e-08
Loop 24     2.0946     2.0946     2.0946     2.9802e-08
Loop 25     2.0946     2.0946     2.0946     1.4901e-08
Loop 26     2.0946     2.0946     2.0946     7.4506e-09
Loop 27     2.0946     2.0946     2.0946     3.7253e-09
Loop 28     2.0946     2.0946     2.0946     1.8626e-09
Loop 29     2.0946     2.0946     2.0946     9.3132e-10
Loop 30     2.0946     2.0946     2.0946     4.6566e-10
Loop 31     2.0946     2.0946     2.0946     2.3283e-10
Loop 32     2.0946     2.0946     2.0946     1.1642e-10
Loop 33     2.0946     2.0946     2.0946     5.8208e-11
Loop 34     2.0946     2.0946     2.0946     2.9104e-11
Loop 35     2.0946     2.0946     2.0946     1.4552e-11
Loop 36     2.0946     2.0946     2.0946      7.276e-12
Loop 37     2.0946     2.0946     2.0946      3.638e-12
Loop 38     2.0946     2.0946     2.0946      1.819e-12
Loop 39     2.0946     2.0946     2.0946     9.0949e-13

>>
```