

Iteration	Func-count	Residual	First-Order optimality	Lambda	Norm of step
0	2	9.57221e+09	3.05e+10	0.01	
1	4	0.0595397	7.6e+04	0.001	0.314214
2	6	1.03401e-11	0.00161	0.0001	7.83713e-07

Equation solved.

fsolve completed because the vector of function values is near zero as measured by the value of the function tolerance, and the problem appears regular as measured by the gradient.

<stopping criteria details>

Iteration	Func-count	Residual	First-Order optimality	Lambda	Norm of step
0	2	1.83956e+22	5.85e+22	0.01	
1	4	2.61599e+09	2.21e+16	0.001	0.314213
2	6	16.8929	1.77e+12	0.0001	1.18496e-07
3	8	0.0189744	5.94e+10	1e-05	9.52355e-12

No solution found.

fsolve stopped because the relative size of the current step is less than the value of the step size tolerance, but the vector of function values is not near zero as measured by the value of the function tolerance.

<stopping criteria details>

Iteration	Func-count	Residual	First-Order optimality	Lambda	Norm of step
0	2	3.53523e+34	1.13e+35	0.01	
1	4	3.20048e+23	3.39e+29	0.001	0.314213
2	6	1.53375e+08	7.41e+21	0.0001	9.45488e-07

No solution found.

fsolve stopped because the problem appears regular as measured by the gradient, but the vector of function values is not near zero as measured by the value of the function tolerance.

<stopping criteria details>

Iteration	Func-count	Residual	First-Order optimality	Lambda	Norm of step
0	2	6.79393e+46	2.16e+47	0.01	
1	4	6.23929e+33	6.55e+40	0.001	0.314213
2	6	7.49287e+22	2.27e+35	0.0001	9.52339e-08
3	8	1.53713e+20	1.03e+34	1e-05	3.30034e-13

No solution found.

fsolve stopped because the problem appears regular as measured by the gradient, but the vector of function values is not near zero as measured by the value of the function tolerance.

<stopping criteria details>

Iteration	Func-count	Residual	First-Order optimality	Lambda	Norm of step
0	2	1.30564e+59	4.16e+59	0.01	
1	4	1.21658e+49	4.01e+54	0.001	0.314211
2	6	7.65253e+41	1.01e+51	0.0001	3.03249e-06
3	8	1.70381e+37	4.75e+48	1e-05	7.61026e-10

No solution found.

fsolve stopped because the relative size of the current step is less than the value of the step size tolerance, but the vector of function values is not near zero as measured by the value of the function tolerance.

<stopping criteria details>

y0 =

1.0000
0.4142

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