```
fun = @(x)x(1)^2 - x(2)^2 - 10  + x(1) + 3*x(2) - 10;
x0 = [0,0];
x = fsolve(fun,x0)
```

```
##: Trust-region-dogleg algorithm of FSOLVE cannot handle non-square systems;
using Levenberg-Marquardt algorithm instead.

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.


x =

    3.7548    1.1788
```

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