

gradient__ex1

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- Gradient descent test

Gradient descent test

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```
%clear all
%close all

M = 10000;
X = [1 0;
      0 1];
C = [1; 2];

% Stopping parameter
epsilon = 0.01;

% Step size
gamma = 0.01;

[minimum, steps] = gradient(X, C, epsilon, gamma, M)

minimum =
    0.78463
    1.56926
steps = 77
```

Published with GNU Octave 4.2.1