

Computational and Numerical Methods

Group 16

Set 11 (08-10-2018): Nonlinear Systems and the Newton Method

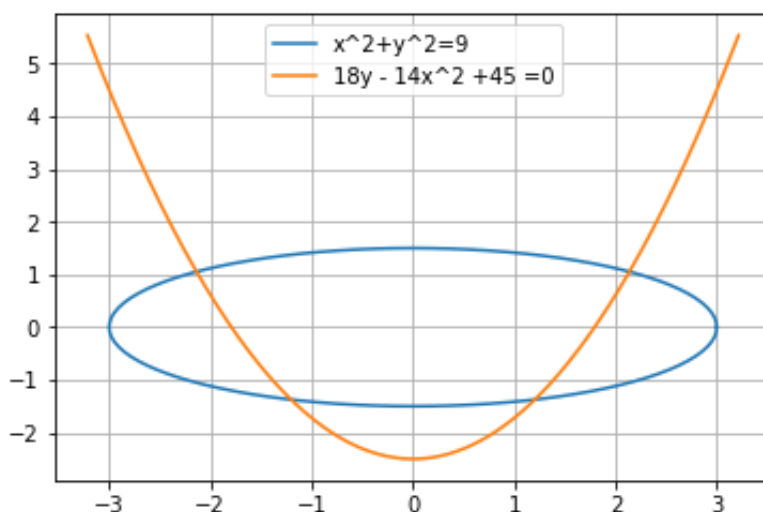
Vidhin Parmar 201601003

Parth Shah 201601086

Show Code

$$x^2 + 4y^2 - 9 = 0$$

$$18y - 14x^2 + 45 = 0$$



Out[3]: ('Root1 : ', 2.1372167369636323, 1.0526519628113704)

Out[4]: ('Root2 : ', -2.1372167369636323, 1.0526519628113704)

Out[5]: ('Root3 : ', -1.2031669633477737, -1.3740805342399418)

Out[6]: ('Root4 : ', 1.2031669633477737, -1.3740805342399418)