Quiz 2

EML4930/6934, Python Programming, Fall 2017

Name:

Problem 1.(2 points.) Consider an object named my_rocket_ship. What is one way to list all of the attributes (and methods) within the object my_rocket_ship?

Problem 2.(2 points.) z is a one dimensional numpy array. How would you find the index location of the maximum value in z? (**Hint**: There is a function in numpy to do this. You can attempt to write a search function in Python for full points, but please use the numpy function if you remember it.)

Problem 3.(6 points.) Plot the function

$$y(x) = x^3 + 2x + 10.0 \tag{1}$$

on the domain

$$10 \leq x \leq 19 \tag{2}$$

using Python. Include all necessary imported libraries. (In order to get full points, I should be able to see the figure after executing your code from the standard Python interpreter.)