

Python 3.6.3 |Anaconda custom (64-bit)| (default, Nov 8 2017, 15:10:56) [MSC v.1900 64 bit (AMD64)]

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IPython 6.2.1 -- An enhanced Interactive Python.

Restarting kernel...

In [1]: runfile('C:/Users/tzave/ComputationalPhysics/Assignment4/ex1.py', wdir='C:/Users/tzave/ComputationalPhysics/Assignment4')

Trapezoid

Integral: 130.50117588

Deviation: 0.00117587954807

Simpson 1/3

Integral: 130.500231743

Deviation: 0.000231742858887

In [2]: runfile('C:/Users/tzave/ComputationalPhysics/Assignment4/ex2.py', wdir='C:/Users/tzave/ComputationalPhysics/Assignment4')

Reloaded modules: integration

In [3]: runfile('C:/Users/tzave/ComputationalPhysics/Assignment4/ex3.py', wdir='C:/Users/tzave/ComputationalPhysics/Assignment4')

Reloaded modules: diffEquation

Max Range @27.12 deg: 3.0662

Max Range @27.63 deg: 3.0641

In [4]: