

ASE 211 Homework 14

Due: Friday, May 5 at 12:00 p.m.

Use the RKF45 method to solve the problem posed in the last assignment.

Take as your initial step size $h = 1$, $\epsilon = .1$, $\bar{\epsilon} = .01$, $\sigma = .5$ and $\bar{\sigma} = 1.2$.

Plot x and y versus time t and x vs. y .

Hand in all m-files.