MATH 3044, Numerical Analysis II
Spring 2019

Homework 4

Please submit solutions to the following problems from Burden, Faires, and Burden at the beginning of class on **March 28**. Show all relevant work to receive full credit; partial credit is awarded for progress towards the solution. Submit any prep work completed by hand and a published version of well-commented code and output. Please use `ode45` to solve any systems of first-order equations except where noted!

Section 5.9: 4a [use the RK4 method for systems]
Section 11.1: 3c, 4b
Section 11.2: 3d, 4a, 6b for 4a