Homework 4
Due: Thursday, February 5th
Introduction to Numerical Analysis: Professor: Paul J. Atzberger

All homeworks are to be turned in at the beginning of class.

From Numerical Analysis by Faires and Burden do the following problems:

5.4: 1ad. Do this problem again using the Nystrom Runge-Kutta Method and Classical Runge-Kutta Method derived in the class lectures. Comment on how the accuracy compares to your previous results.

5.5: 2bc, 5ab.

5.6: 1bd, 12, 14.