

CE5310 Numerical Methods**Homework #8**

- 1.) Solve problem 7.6 on page 550 of your text. (25pnts)
- 2.) Solve problem 7.11 on page 551 of your text. (25pnts)
- 3.) Solve problem 7.34 on page 554 of your text. (50pnts)

It is your choice to present your solution with hand calcs or in MATLAB. It is expected you will use the methods presented in chapter 7 to complete the assignment, i.e. do not use specialized built in MATLAB functions, e.g. Symbolic Toolbox, to solve the problems.

Deliverables:

- 1) A pdf including a title page, the problem statement, all m-file listings and example input and output. Preferably bookmarked.
- 2) All m-files, loaded separately, required for your solution to run, if you used MATLAB.

Grading:

Your solution will be graded based on completion of the above requirements, correct performance, neatness and professionalism of pdf submittal.