Numerical Analysis, Spring 2021
Homework 2 due March 3rd

All the exercises in this assignment are from Chapter 4 (Section 4.7).

Please show your work. For the programming exercises also submit your MATLAB codes and outputs. (You can use the MATLAB function *diary* to copy your command window output.) Page `http://academics.davidson.edu/math/chartier/Numerical/matlab.html` contains MATLAB m-files mentioned in the problems, but you can (and are encouraged to) write your own routines.

  All students: Exercises 2(b), 3, 5, 6, 9, 11(a) and 11(c), 12.

  MTH 464 students (in addition to the previous problems): Exercises 13 and 15. (MTH/CS 364 students are welcome to do these exercises too, they can bring you some bonus points.)