

## Homework 4 due October 21st

### Numerical Analysis, Fall 2016

Please show your work. For the programming exercises hand in your Matlab codes and outputs. (You can use the matlab function *diary* to copy your command window output.) Read the assignments carefully, make your solutions clear to read, give explanations to your answers, label axes and graphs.

- *All students*: Chapter 8, Exercises 4(b,c,d), 5, 7, 9, and 14.
- *MTH 464* students also do Exercise 10 from Chapter 8. This can be a bonus problem for the other students.
- Bonus problem for all students: Chapter 8, Exercise 16(a,b) (fun!).