

## Homework 2 - Due Thu Sep. 13th Math 224 - Fall 2007

Dr. Mauro Maggioni

**Office:** 293 Physics Bldg.

**Phone:** 660-2825

**Web page:** [www.math.duke.edu/~mauro](http://www.math.duke.edu/~mauro)

**E-mail:** mauro.maggioni at duke

A written solution and hardcopy of every code, input or output must be submitted for each problem. An electronic copy of our code must also be submitted to me via e-mail, in a unique zip or tar/gzip file, named <FirstnameFamilyname>. Requests for extensions on homework should be done before the due date; unexcused late assignments will be penalized. You are encouraged to discuss the homework problems with your classmates, but your final submission must be entirely your own independent work (see the Duke Community Standard).

From Chapter 2 of the textbook:

### Review questions

Answer, with full motivation for your answer, the review questions from 2.1 to 2.12, then 2.17, 2.18, 2.20, 2.28, 2.34I suggest you look at as many review questions as you can, beyond those just required for the homework.

### Exercises

2.7, 2.13

### Computer Problems

2.1,2.2,2.4,2.6,2.8(\*)

Exercises with (\*) are non-mandatory, but will give you extra credit.