

CS 223: Homework 3. Due October 11.

Please keep in mind the standard collaboration policy – you may *talk* about problems with others, but you may not *write up solutions* with others. When you write your solutions, it should be entirely on your own (preferably, you are alone writing!). You may use standard mathematical software (Perl, Maple, Matlab, etc.) and you may write programs to help you determine answers when the situation calls for it. For problems where numerical answers are required, please **CLEARLY** give your numerical answers at the beginning of your solution. This will make it easier to grade your paper (ensuring a higher score).

0. Do not turn in, but please look over, unassigned exercises from Chapter 3. I strongly recommend you review by doing exercises 3.2, 3.7, 3.12, 3.13, 3.15, 3.19, 3.25 on your own.

1. Write up solutions for exercises 2.24, 3.10, 3.16, 3.17, 3.21, 3.22.