

Homework 1, due February 16, 2012, in class

Notice the page numbers carefully when looking for a problem in the textbook!

Problem 1: Exercise 1.10, page 22.

Problem 2: Exercise 1.1, page 25.

Problem 3: Exercise 1.6, page 26.

Problem 4: In order to determine topics of interest for student presentations, I would like to know something about your research area. So, if you are a graduate student, describe in no more than one page your research area; place particular emphasis on computational problems that typically have large inputs or are NP-hard. If you are an undergraduate student, describe a mathematical problem that you have encountered in your classes that you feel might benefit from randomization.