

## 22C: 019 Homework 5

**Total Points= 40(4% of your grade)**

**Assigned 11/4/11 due 11/11/11 11:59 PM**

**Submit your work through ICON**

*(Please convert your solution to pdf before submission. Otherwise, some of the mathematical symbols become unreadable on a different machine, and lead to confusion. There are many free pdf converters available on the web)*

There are four questions and 12 problems. Please note that we will grade **only eight** of these 12 problems. This subset will be chosen arbitrarily, and will be the same for every student.

**Question 1.** Page 451: problems 4, 22, 24(a), 30

**Question 2.** Page 466: problem 6(b)

**Question 3.** Page 467: problems 10(a), 12, 18(a), 18(c), 24

**Question 4.** Page 468: problems 34(a), 34(c)

**Note 1.** *At the end of the textbook, you can find the solutions to odd numbered exercises. These will help you in answering some of the exercises in this homework.*

**Note 2.** Homework solutions must be your own. You can discuss a problem with another student for the sake of understanding it, but do not discuss your solution. Take the help of the TAs whenever necessary.