HONR 219J, Spring 2011: Homework 3, due on May 10th (Tuesday) at the start of class.

Notes: Please work on this with your group-mate(s): each group needs to submit only one solution. Consulting other sources (including the Web) is not allowed. Write your solutions **neatly**; if you are able to make partial progress by making some additional assumptions, then state these assumptions clearly and submit your partial solution.

0. Read Chapter 11 from Easley-Kleinberg; I will assume that you have done this, for the final exam. **(0 points)**

1. Do problem 13 (parts (a) and (b)) from the exercises at the end of Chapter 10 in Easley-Kleinberg. **(10 points)**

2. Do problem 14 (parts (a) and (b)) from the exercises at the end of Chapter 10 in Easley-Kleinberg. **(10 points)**

3. Do problem 3 (parts (a) and (b)) from the exercises at the end of Chapter 11 in Easley-Kleinberg. **(10 points)**