

HONR 219J, Spring 2011: Homework 2, due on March 10th (Thursday) 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 5 of Easley-Kleinberg, including all theorems and proofs. I will assume for the exams that you have done this reading. **(0 points)**

1. Do problem 3 (parts (a), (b), and (c)) from the exercises at the end of Chapter 5 in Easley-Kleinberg. **(15 points)**