

18.06 PROBLEM SET 8

due Thursday, November 13, 2014, before 4:00 pm (sharp deadline) in Room E17-131

Write down all details of your solutions, not just the answers. Show your reasoning. Please staple the pages together and **clearly write your name**, your recitation section, and the name of your recitation instructor on the first page of the problem set.

Cooperation on problems is permitted, but all solutions must be written up independently and you must list your collaborators on the problem set. You should first try to solve each problem yourself, otherwise you will not learn much from hearing the solution.

Please note that the problems listed below are out of the 4th edition of the textbook. Please make sure to check that you are doing the correct problems.

Problem 1. Section 6.2, Problem 14, page 309.

Problem 2. Section 6.3, Problem 3, page 325.

Problem 3. Section 6.3, Problem 7, page 326.

Problem 4. Section 6.3, Problem 10, page 326.

Problem 5. Section 6.3, Problem 23, page 328.

That's it. Only five problems this week.

The computational part is optional. (No credit is given for it.)

<http://web.mit.edu/18.06/www/Fall14/ps8c.pdf>