

EECS 336: Design and Analysis of Algorithms Weekly Problem Set #7

Class Homepage: www.cs.northwestern.edu/~kao/eecs336-algorithms/index.htm

Posted on the Class Homepage: Tuesday, November 11, 2014.

Due Time: the start of class on Tuesday, November 18, 2014.

Policy for This Problem Set: Different problem sets may have different policies. This problem set is to be done by one student singly. To answer the questions in this problem set, you may consult your textbook, your lecture notes, the Internet, and any materials that you can find in libraries. You may also discuss solution ideas for these questions with the instructor or the teaching associates, but no one else. You may not copy answers from other people, including those from your fellow students or those posted on the Internet. If you copy all or portions of your answers from other people, you will receive 0 point for the entire problem set. If two students have identical or essentially identical answers but the original sources of the answers cannot be determined, both students will receive 0 point for the entire problem set.

Questions: There are 5 questions, and each question is worth 20 points.

1. Exercise 34.5-1 on page 1100.
2. Exercise 34.5-3 on page 1101.
3. Exercise 34.5-7 on page 1101.
4. Exercise 34.5-8 on page 1101.
5. Problem 34-2 on page 1102.