

Homework 3

Due Friday, 09/14/2012

You may use any result discussed in class. Unless explicitly stated otherwise, you should not use other sources. Whenever you do use other source (even the textbook), you need to reference them.

This week's problems are exercises in our textbook. The references are with respect to the draft of Chapter 21 that is available here: http://www.cs.princeton.edu/theory/complexity/ab_expandchap.pdf

Problem 3.1 (35 points). Do Exercise 21.9.

Problem 3.2 (35 points). Do Exercise 21.11.

Problem 3.3 (35 points). Do Exercise 21.14.