

Analysis of Algorithms

CS 375, Fall 2018

Homework 12

Due **AT THE BEGINNING OF CLASS** Monday, November 5

- **Reading Assignment:** From your textbook (Levitin), read Chapter 5 up to (and including) Section 5.3.
- *A general note:* When writing up your homework, please write neatly and explain your answers clearly, giving all details needed to make your answers easy to understand. Graders may not award credit to incomplete or illegible solutions. Clear communication *is* the point, on every assignment.

Exercises

1. Exercise 5.1.2. (You may not use the Master Theorem to solve the recurrence for this exercise—please use some other method.)
2. Exercise 5.3.1.