

CSE548/AMS542 Fall 2019 Analysis of Algorithms

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November 27, 2019

Due **Dec 11th** 9pm. Each problem, unless specified otherwise, has a maximum of 10 points. Avoid too many details. A succinct and clean proof is the best. You may use the algorithms we covered in class without referring to the details.

Homework 5

1. Textbook [Kleinberg & Tardos] Chapter 8, page 505, problem #14.
2. Textbook [Kleinberg & Tardos] Chapter 8, page 505, problem #16.
3. Textbook [Kleinberg & Tardos] Chapter 8, page 505, problem #17.
4. Textbook [Kleinberg & Tardos] Chapter 8, page 505, problem #20.
5. Textbook [Kleinberg & Tardos] Chapter 11, page 651, problem #9.
6. Textbook [Kleinberg & Tardos] Chapter 11, page 651, problem #10.

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