

# CSE548/AMS542 Fall 2019 Analysis of Algorithms

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November 14, 2019

Due **Nov 25th** 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 4

1. Textbook [Kleinberg & Tardos] Chapter 7, page 415, problem #6.
2. Textbook [Kleinberg & Tardos] Chapter 7, page 415, problem #11.
3. Textbook [Kleinberg & Tardos] Chapter 7, page 415, problem #13.
4. Textbook [Kleinberg & Tardos] Chapter 7, page 415, problem #15.
5. Textbook [Kleinberg & Tardos] Chapter 7, page 415, problem #16.
6. Textbook [Kleinberg & Tardos] Chapter 7, page 415, problem #24.

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