

**HOME ASSIGNMENT 4 (MATH 182, SUMMER 2022)**

**Read:** Kleinberg-Tardos, sections 7.7, 7.9, 7.10, and 8.1–8.

**Solve:** Exc 9, 10, 18, 24 in section 7 (p. 415–429), and 3, 5, 6, 7 in section 8 (p. 505–507).

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This Homework is due Wednesday July 27, at 5:00 pm. It must be submitted to Gradescope. Please read the collaboration policy on the course web page. Make sure you write your name in the beginning and your collaborators' names at the end.

P.S. Each exercise above has the same weight.