

## HW Assignment 4 (Due date: October 14, Friday)

1. [MST, 10 points] Exercise 23.1-1, page 629.
2. [MST, 10 points] Exercise 23.1-3, page 629.
3. [MST, 10 points] Exercise 23.1-5, page 629.
4. [Kruskal's MST, 15 points] Exercise 23.2-4, page 637.
5. [Dijkstra's SSSP, 10 points] Exercise 24.3-3, page 663.
6. (\*) [Bellman-Ford's SSSP, 15 points] Exercise 24.1-3, page 654.
7. (\*) [SSSP, 15 points] Exercise 24.3-6, page 663.