

## **MATH 541, FALL 2023, HOMEWORK 4**

Due Saturday, September 30, 2023 at 5pm Eastern time on Gradescope. Write solutions to the following exercises:

**Problem 1.** Lawler, exercise 2.12.

**Problem 2.** Lawler, exercise 2.13.

**Problem 3.** Lawler, exercise 3.2.

**Problem.** Lawler, exercise 3.3.