Problem Set 5

Due: Friday 2/20 at the beginning of class

Complete the following, which can be submitted via email or on paper.

1. (4 points) Complete Exercise 17.2-1 from the text (page 458).

2. (4 points) Complete Exercise 27.1-4 from the text (page 791). You don’t need to write the function that gives your DAG. Just specify how it would be constructed as a graph and the choices made in each execution of the greedy scheduler. Your description should allow the construction of arbitrarily large instances. (Use a parameter in your description of it. For example, “Include $k$ pairs of strands organized as paths of length 1 (2 strands with an edge between them).”)