This homework is on graph algorithms. For the exam, it is important to understand these algorithms and the related proofs that we discussed in class.

1. Exercise 22.2-1 (10 points)

2. Exercise 22.2-4 (10 points). Only an informal argument is expected for the first part.

3. Exercise 23.1-1 (10 points)

4. Exercise 23.1-3 (10 points). A light edge crossing a cut is the same as a minimum-weight edge crossing the cut.

5. Exercise 24.3-1 (10 points)

Final Exam

The Final Exam will be held at 4.30 pm on Monday, Dec 16th, in room 40, Schaeffer Hall (SH).