DM551/MM851 – Algorithms and Probability – 2020 Lecture 15

Lecture, November 5, online

We continued on network flows and minimum cuts from chapter 26 in CLRS. We finished the set of slides used on November 2, and continued with a new set of slides for this topic, covering all but the last slide. Only 26.1, 26.2, and 26.3 in CLRS are being covered.

Lecture, November 12, online

We will finish the applications of the max-flow min-cut theorem from the slides. We will cover sections 8.1 in Rosen and probably begin on 8.2.

Lecture, November 16, online

We will cover section 8.2 in Rosen.

Problems to be discussed on November 23

1. Exercises not covered yet.

2. Rosen: section 8.1, exercise 1, 6, 21.

3. Rosen: section 8.2, exercise 3a, 3b, 3c, 3e, 3g, 11.