

DM69 — Lecture 2

Lecture 2 — February 9

We will finish shortest paths:

- The Floyd-Warshall algorithm: Section 25.2 in Cormen.

We will start on flow problems, using the handed out material: Chapter 3 of
Bang-Jensen and Gutin
Digraphs: Theory, Algorithms, and Applications:

- Sections 3.1, 3.3–3.5 and introduction of the Min Cost Problem from Section 3.10.

Problems for February 11

Bang-Jensen and Gutin:

1. Problem 3.1.
2. Read Section 3.2 and solve problems 3.3–3.6.
3. Problems 3.8, 3.9, 3.16, 3.33–3.35.

Practical Information

Mailing list

The course now has a mailing list. The subscription page
<http://www.imada.sdu.dk/mailman/listinfo/dm69>
can be found via the “Mailing List” link on the course homepage.