DM508 – Algorithms and Complexity – 2009
Lecture 8

Lecture, March 4

We finished with Fibonacci heaps (starting with the Extract-Min operation) and begin on string matching from chapter 32, covering the naive algorithm and introducing finite automata.

Lecture, March 9

We continued with string matching, finishing with finite automata and KMP (except the running time).

Lecture, March 16

We will finish string matching (the remainder of KMP and the Rabin–Karp algorithm). We will also allow some time for questions about the course and exam.

Problems to be discussed on March 12 and 19

- 32.1-2.

- 32.3-1, 32.3-3, 32.3-5.

- 32.4-1, 32.4-3, 32.4-4, 32.4-5.

- 32.2-1, 32.2-3.

- Come with questions about course material as preparation for the exam.