Institut for Matematik og Datalogi
Syddansk Universitet

October 1, 2003
JFB

DM19 – Algorithms and Complexity – E03 – Lecture 6

Lecture, September 29

Paul Medvedev finished the KMP algorithm for string matching. We covered sections 17.2 and 17.3 on amortized analysis and began on Fibonacci heaps from chapter 20.

Lecture, October 6

We will finish with Fibonacci heaps, cover Huffman codes from section 16.3 in the textbook, and possibly begin on NP-completeness from chapter 34 in the textbook and the section by Papadimitriou and Steiglitz from the first set of notes.

Lecture, October 20

We will continue with with NP-completeness from chapter 34 in the textbook and the section by Papadimitriou and Steiglitz from the first set of notes.

Problems to be discussed in week 43

- 20.3-1.
- 20.4-1.
- 20-1, 20-2a.
- 16.3-1, 16.3-2, 16.3-7.