Institut for Matematik og Datalogi
Syddansk Universitet

September 30, 2005
JFB

DM19 – Algorithms and Complexity – E05 – Lecture 5

Announcement

On Friday, October 7, the discussion section has been moved to IMADA's seminar room.

Lecture, September 28

We covered amortized analysis from chapter 17 and began on Fibonacci heaps from chapter 20 in the textbook. We covered the mergeable heap operations from section 20.2, but did not get as far as doing the amortized analysis of extracting the minimum.

Lecture, October 5

We will finish with Fibonacci heaps and begin on string matching from chapter 32.

Lecture, October 12

We will finish with string matching from chapter 32 and begin on Huffman codes from section 16.3.

Problems to be discussed in week 41

- 20.3-1.
- 20.4-1.
- 20-1, 20-2a.
- 32.1-2
- 32.2-1, 32.2-3
- 32.3-1, 32.3-3, (32.3-5 if there is time)