Institut for Matematik og Datalogi
Syddansk Universitet

February 25, 2011
JFB

DM508 – Algorithms and Complexity – 2011
Lecture 8

Lecture, February 24

We finished the potential function method from chapter 17, and covered most of Fibonacci heaps from chapter 19 in the textbook, but still have to prove that the amortized cost of the decrease key operation is amortized constant time, and then bound the maximum degree in a Fibonacci heap.

Lecture, February 28

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

Lecture, March 7

We will finish string matching from chapter 32.

Problems to be discussed on March 9

1. 32.1-2.
2. 32.2-1, 32.2-3.
3. 32.3-1, 32.3-3, 32.3-5.