Institut for Matematik og Datalogi
Syddansk Universitet

February 1, 2007
JFB

DM508 – Algorithms and Complexity – F07
Lecture 3

Lecture, February 1

Lower bounds from section 2.4 of the first part of the notes were discussed (part of this is also in section 8.1 of the textbook). We also covered sections 3.1 and 3.2 of those notes.

Lecture, February 6

We will cover sections 3.3 and 3.5 of the DM508 notes, plus median finding from chapter 9 (sections 9.2 and 9.3) in the textbook. We may also begin on amortized analysis from chapter 17.

Lecture, February 8

We will cover amortized analysis from chapter 17 and begin on Fibonacci heaps from chapter 20 in the textbook.

Problems to be discussed on February 9

Do the following problems from the textbook: 9.2-1, 9.2-3, 9.2-4, 9.3-3, 9.3-7, and 9.3-9, 17.1-2, 17.1-3.