Institut for Matematik og Datalogi Syddansk Universitet

DM508 – Algorithms and Complexity – F08 Lecture 7

Lecture, February 18

We will finished with NP-Completeness, showing that Subset-Sum is NP-Complete. We also began on amortized analysis from chapter 17, covering up through the accounting method.

Lecture, February 20

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

Lecture, February 25

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

Problems to be discussed on February 29

Do the following problems from the textbook: 17.2-3, 17.3-2, 17-3-7, 17-3, 3.2-7, 20.2-1, 20.2-3, 20.2-5.