

DM19 – Algorithms and Complexity – E04 – Lecture 4

Lecture, September 20

We covered sections 3.3 and 3.5 of the first set of notes, plus median finding from chapter 9 (sections 9.2 and 9.3) in the textbook. Then, we began on amortized analysis from chapter 17, getting up to page 410 in the textbook.

Lecture, September 27

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

Lecture, October 4

We will begin on string matching from chapter 32.

Problems to be discussed September 30 and October 8

- 17.1-2, 17.1-3, 17.2-1, 17.2-3, 17.3-2, 17.3-7, 17-3.
- 3.2-7
- 20.2-1, 20.2-3, 20.2-5.