

## DM19 – Algorithms and Complexity – E05 – Lecture 4

### **Lecture, September 21**

We covered sections 3.2, 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.

### **Lecture, September 28**

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

### **Lecture, October 5**

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

### **Problems to be discussed in week 40**

- 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.