

DM553/MM850 – Complexity and Computability 2020 – Lecture 14

Lecture, April 2

We covered sections 3.1, 3.2, and 3.3 from the notes on lower bounds. I held a chat session in Discord at the scheduled time of the lecture. The text channel was “adversary-arguments”.

Lecture, April 15

I will cover the median finding algorithm from section 9.3 in CLRS and the lower bound for median finding in section 3.5 from the Baase’s textbook (in Course Materials). I may begin on approximation algorithms from chapter 35 of CLRS.

I will be on Discord for a chat session from 14:15 to 16:00. This time the channel will be “median-finding”.

Lecture, April 20

I will begin on (or continue with) approximation algorithms from chapter 35 of CLRS. There are slides for part of this on the course homepage (rather than in Blackboard).

Problems to be discussed on April 27

From CSRS do:

1. 35.1-1, 35.1-3, 35.1-4, 35.1-5.
2. 35.2-1, 35.2-2 (assume undirected), 35.2-3 (assume undirected).