

DM553/MM850 – Complexity and Computability 2020 – Lecture 3

Lecture, February 5

We finished section 1.4 in Sipser. Then, we began on chapter 2 in Sipser, covering most of section 2.1 quickly, skipping the subsection on ambiguity, but covering Chomsky Normal Form thoroughly.

Lecture, February 10

We will cover sections 2.2 and 2.3 from chapter 2. We will not cover section 2.4 in this course.

Lecture, February 13

If we have not finished section 2.3, we will finish that. Then we will begin on Turing Machines from chapter 3, covering section 3.1 and beginning on 3.2.

Problems to be discussed on February 17

From Sipser, do:

1. Problems left from February 11.
2. Page 154: 2.2.
3. Pages 156: 2.12, 2.13.
4. Page 158: 2.38, 2.42.