

DM553 – Complexity and Computability – 2015

Lecture 8

Lecture, March 3

We finished chapter 3 and covered up through Theorem 4.3 in chapter 4.

Lecture, March 10

We will finish chapter 4 and possibly begin on chapter 5. We will do problems 4.7 and 4.8 on page 211 of the textbook during lecture.

Lecture, March 17

We will finish chapter 5.

Problems to be discussed in U146 on March 23

1. Page 212: 4.16, 4.21, 4.28
2. Page 213: 4.32
3. Page 239: 5.6
4. Show that the language $\{\langle M \rangle \mid M \text{ is a TM which halts on input } \varepsilon\}$ is undecidable.