

DM553 – Complexity and Computability – 2016

Lecture 7

Lecture, February 29

We did examples using the pumping lemma for context-free languages. (We skipped section 2.4.) We began on Turing machines from chapter 3, covering section 3.1 and beginning on 3.2, introducing multitape Turing machines.

Lecture, March 3 in U140

We will finish chapter 3 and begin on chapter 4.

Lecture, March 11 in U155

We will finish chapter 4 and begin on chapter 5.

Problems to be discussed in U14 on March 8

Note that the lecture on Monday in week 10 will (probably) be switched with the discussion section on Friday in week 10.

1. Page 188: 3.6
2. Page 189: 3.13, 3.17, 3.18, 3.20
3. Page 211: 4.2, 4.4, 4.7, 4.8