

# DM553 – Complexity and Computability – 2018

## Lecture 5

### **Lecture, February 20**

We covered section 2.1 and up through and including Lemma 2.21 in 2.2 from chapter 2.

### **Lecture, February 27**

We will finish section 2.2 and cover section 2.3 (and then skip the remainder of chapter 2).

### **Lecture, March 1**

We will begin on Turing Machines from chapter 3, covering section 3.1 and beginning on 3.2.

### **Problems to be discussed on February 28**

1. Page 154: 2.2.
2. Page 155: 2.5c,d.
3. Pages 156: 2.12, 2.16.
4. Page 158: 2.42.