

# DM553 – Complexity and Computability – 2018

## Lecture 2

### **Lecture, February 8**

Jørgen Bang-Jensen lectured, beginning with an introduction to the course. He did not cover chapter 0 of the textbook by Sipser, but you are advised to read parts which you are unfamiliar with or do not remember. He covered sections 1.1 (fairly quickly) and section 1.2 in chapter 1.

### **Lecture, February 9**

The discussion section will be converted to lecture. We will cover section 1.3 and possibly start of section 1.4.

### **Lecture, February 14**

We will finish chapter 1.

### **Problems to be discussed on February 15**

Note that this was scheduled as lecture, but will be discussion section.

1. Page 86: 1.17, 1.18 (just do those for 1.6.c,g,j), 1.19.b, 1.20.h, 1.21.b.
2. Page 87: 1.23.
3. Page 89: 1.36, 1.37.