# DM528 – Weekly Note 3

# Lectures in week 47

## Monday, November 21

- Discrete Probability
  - Section 6.4: Expected Value and Variance
- Advanced Counting Techniques
  - Section 7.1: Recurrence Relations
  - Section 7.2: Solving Linear Recurrence Relations

# **Exercises for week 47**

## Tuesday, November 22 / Wednesday, November 23

- Section 6.2: Exercise 6, 12, 16, 18, 32, 34, 38 a
- Section 6.3: Exercise 4, 12, 16
- Exam January 2010 problem 2

## Thursday, November 24 / Friday, November 25

- Section 6.4: Exercise 6, 8, 12, 16, 18, 20
- Section 7.1: Exercise 18, 24, 28, 36, 40