Analysis in one variable, fall 2020

Programme November 23–November 27

Due to new recommendations related to Covid-19, all teaching this week is online only. The Zoom link is available on the Canvas course webpage.

Obligatory activities related to this week:

• Group-wise presentation of problems in problem seminar. See details below.
• Homework. Homework 5 will be submitted on Friday this week.
• Mentor meeting. I would suggest that you use this time to prepare for either of the above activities. However, the mentor meetings are there for you to discuss what you find relevant.

Tuesday 24/11:

• Read before lecture: Pages 445–455.
• Exercises to keep you awake while reading: 11.58, 11.61–11.63, 11.66, 11.72, 11.73, 11.76, 11.77.

Wednesday 25/11:

• Read before seminar: Pages 456–466.
• Exercises to keep you awake while reading: 11.93, 11.94, 11.99, 11.103, 11.108, 11.111.
• Exercises to solve for the seminar:
• Exercises to present: (Each group should spend 5–10 minutes in total. Please note that this means you may not have the time to perform every step of every computation while presenting.)
  – Mentor group 5: 11.105.
  – Mentor group 6: 11.96.
  – Mentor group 7: 11.86.
  – Mentor group 8: 11.84.
  – Mentor group 101: 11.82.

Friday 27/11:

• Exercises to solve for the seminar:

Please, turn over!
• **Exercises to present:** (Each group should spend 5–10 minutes in total. Please note that this means you may not have the time to perform every step of every computation while presenting.)
  – Mentor group 9: 11.132.
  – Mentor group 10: 11.128.
  – Mentor group 11: 11.126.
  – Mentor group 12: 11.118.

• **Preparation for lecture:** Review your notes, and prepare questions on what you don’t understand. A mentimeter will be available on Friday morning.