Analysis in one variable, fall 2020

Programme November 9–November 13

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.

Anything Python is low priority. Work with it if you find that you have time for it.

Obligatory activities related to this week:

- *Homework*. The deadline for submitting Homework 4 is 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 10/11:

- **Pages to read before lecture**: Do a "first" reading of pages 369–407.
- **Reading exercises**:
  - 10.3, (10.6), 10.8, 10.10, 10.17, 10.20, 10.21, 10.26, 10.45, 10.52, 10.82.

Wednesday 11/11:

- **Pages to read before problem session**: 369–387.
- **Problems to work on**:
- **Problems 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: 10.88.
  - Mentor group 6: 10.89.
  - Mentor group 7: 10.90.
  - Mentor group 8: 10.91.
  - Mentor group 101: 10.92.

Friday 13/11:

- **Pages to read before problem session**: 388–407.
- **Reading exercises**:
  - 10.60–10.62, 10.68.
- **Problems to work on**:

*Please, turn over!*
– 10.50, 10.53, 10.54, (10.56), (10.58), 10.64–10.66, 10.70, 10.72. 10.74, 10.75, 10.77, 10.80, 10.81.

- **Problems 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: 10.53.
  - Mentor group 10: 10.72.
  - Mentor group 11: 10.74.
  - Mentor group 12: 10.75.
  - Mentor group 102: 10.81.

- **How to prepare for lecture:** This is not a “Friday style” lecture. That comes on Tuesday the week after.