

**FUNCTIONAL ANALYSIS II @ EPFL, SPRING 2025**  
**EXAM**  
**JUNE 18, 2025, 15<sup>15</sup>–18<sup>15</sup>, CM1221**

MATHIAS BRAUN

Name. \_\_\_\_\_

Sciper. \_\_\_\_\_ Signature. \_\_\_\_\_

**Instructions.**

- Please read the instructions and reminders from this cover page. **Do not open the exam until its start is announced by the proctor.**
- Fill in the above information.
- Place your student card on the table.
- Please remove everything except ballpoint pens (black or blue ink, no pencils allowed) and possibly food and drinks from your desk.
- This exam consists of **6 problems**, each worth **10 points**. When you start the exam, please check your booklet contains 6 different problems.
- All answers should be written on the place provided below the respective problem. You may use the respective back pages as well.
- You may take notes on the separate scratch sheets provided for you. (Please do not use your own paper.) These scratch notes will neither be collected after the exam nor be corrected.

**Reminders.**

- **Allowed aid:** one A4 sheet of notes (both-sided, handwritten). No other aids (laptops, tablets, other printed notes, books, smartphones, etc.) are allowed.
- Always justify your answers.
- You may use statements from a problem in other parts, even if you did not manage to prove them.
- During the first 30 minutes, you are not allowed to leave the room.
- If you finish more than 15 minutes before the end of the exam, you may leave the room but first have to call a proctor. (Please do not start collecting your bag or jacket before his consent.)
- You are not allowed to leave the room during the last 15 minutes. At the end, please remain seated and keep your booklet closed until the proctors have finished collecting the exams.
- If a problem turns out to contain a serious error, the lecturer retains the right to revoke this problem after the exam.

*Good luck!*

PLEASE DO NOT FILL IN THESE FIELDS!

Problem	1	2	3	4	5	6	<b>Sum</b>
Max. Pts.	10	10	10	10	10	10	60
Ach. Pts.							

<b>Grade</b>	
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