

SF1678 Groups and Rings

Period 3-4, Spring 2021

Teachers

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Course evaluation process

Home assignments and exam.

Course design

The course consists of 27 lectures, and 14 exercise sessions. The course contained four home assignments that each provided points to the final exam. By solving the home assignments the student would pass the course with grade E.

Meeting with students

Lectures and exercises were conducted digitally over zoom.

Students' workload

The course is 7.5 hp.

Students' results

Grade A	B	C	D	E
5	5	3	6	1

20 students passed the course. 30 were registered for the exam.

Students answers to open questions

Students were very satisfied with the exercise sessions.

Students' opinions

Nothing particular stands out.

Overall impression

The students were positive, but maybe struggling a bit with the abstract theory.

Analysis

I do not think that I managed to deliver the course in a satisfactory way. I struggled with the course literature.

Prioritized course development

Next year I will change the course literature. I would also like to change the presentation of the theory slightly, making it more geometric.

Other

Results from survey follows.

How to improve the course

Other comments

It felt like HW3 was supposed to be handed in before all relevant information was revealed at class. Perhaps put HW3 later, or go through the relevant theory.

Roy has personal interest in students in the sense that he answers questions sent by mail and isn't afraid to draw interesting analogies that are great in addition to the material. (Sliding game example)

I think it was good. However it is certainly abstract, so maybe drawing even more parallels to already known mathematics, such as vector spaces, would help in the first step.

Record the lectures, and perhaps write a bit more thoroughly on the lecture notes that are uploaded.

Perhaps a partial exam half-way through the course is not bad. The first exam is groups only, the second has a group and a ring part, and the group part is optional if one passed the first exam.

The structure of the exam differed somewhat from the one last year so it would have been good to have an example exam with the same structure

The home assignments were really good and helped with translating the theory into practice. Francesca was really excellent, tell this to her! :)

It would be great if the lectures were recorded in order for us to watch them afterwards. For example when we study for the exam. Also posting the lecture notes before the lecture would be great!

You and Francesca were great! Unfortunately I had a nightmarish exam in a different course the day before this exam, which I had to prioritize. My not so good result has nothing to do with you.

More concrete examples, particularly after introducing a theorem but before a proof

Write down a bit more of what you actually say so it's easier to follow the notes at a later date. Also, recording the lectures would help.

Det hade varit kul att lära sig en del termer på svenska och inte bara engelska. Ges inte så många chanser att lära sig att uttrycka sig korrekt på svenska senare i utbildningen

Övningarna var väldigt bra! Super att få sitta och diskutera uppgifter med kurskamrater och lära sig av varandra.

Sometimes it could be more emphasized that one should think things through (e.g. small proofs that were skipped over), as some steps could be mistaken to be considered trivial.

I really liked the way the tutorials were structured and think that they worked out really great. They got one to be active while one still saw good ways of solving the problems.

Maybe having a recap lecture that focuses specifically on the the groups-section since there is a long time span between that part and the exam.
