LUND UNIVERSITY
Faculty of Science

Course Analysis for MATM41 Galois Theory, Autumn 2023

Course Information

Lecturer: Anitha Thillaisundaram
Teaching assistants: Jorge Farina-Asategui
Number of students:
12 newly registered and 3 re-registered.
3 students answered the course evaluation, 2 of them are enrolled on programme name.

Examination

Oral examination: 12 students passed.
Written examination: 12 students passed.

- Ordinary examination 25/10 2023: 12 students participated and 10 of them passed.
- Resit examination 11/11 2023: 3 students participated and 2 of them passed.

Final grades:
In all, 12 students, including 2 re-registered students, have got their final grade.
12 passed with distinction.

Course Evaluation

Summary of student's answers:
See above.

Teachers' comments:
This course was given jointly for science (Bachelor and Master) students. The lectures and seminars were held on campus. The lecture notes were uploaded on Canvas. For each seminar, a given sheet of exercises were to be discussed. The participation in the lectures and seminars were good. The examination was carried out on campus.

Changes from the previous course realisation:
Minor changes made to the end content.

Suggestions for the next course realisation:
More details regarding the oral exam will be given, and the speed of the first handful of lectures will be reduced slightly. The exercise sheets will also be re-organised, with more of a focus given to harder questions.

I have studied this course as part of

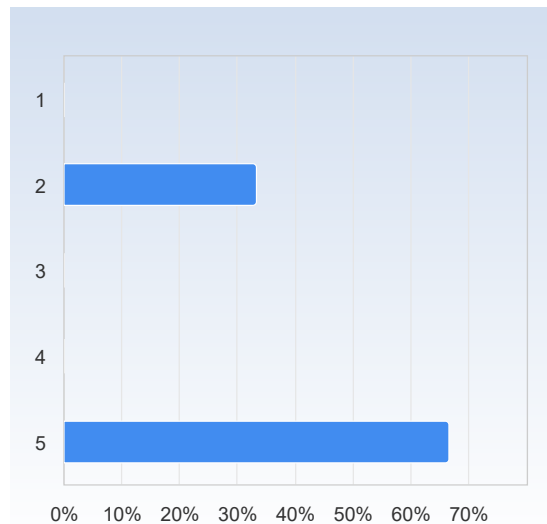| I have studied this course as part of	Number of responses
Bachelor's Programme in Mathematics	0 (0.0%)
Bachelor's Programme, other specialization	0 (0.0%)
Master's Programme in Mathematics	2 (100.0%)
Master's Programme, other specialization	0 (0.0%)
other programme or stand alone course	0 (0.0%)
Total	2 (100.0%)
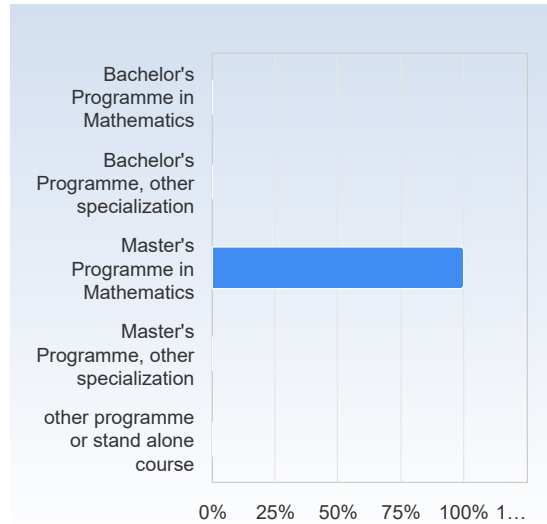
	Mean	Standard Deviation
I have studied this course as part of	3.0	0.0

The course in general

On a scale 1-5 select the option that best matches your opinion:1= disagree completely → 3= partly agree → 5= agree completely

### My prior knowledge has been sufficient to assimilate the contents of this course.

My prior knowledge has been sufficient to assimilate the contents of this course.	Number of responses
1	0 (0.0%)
2	1 (33.3%)
3	0 (0.0%)
4	0 (0.0%)
5	2 (66.7%)
Total	3 (100.0%)

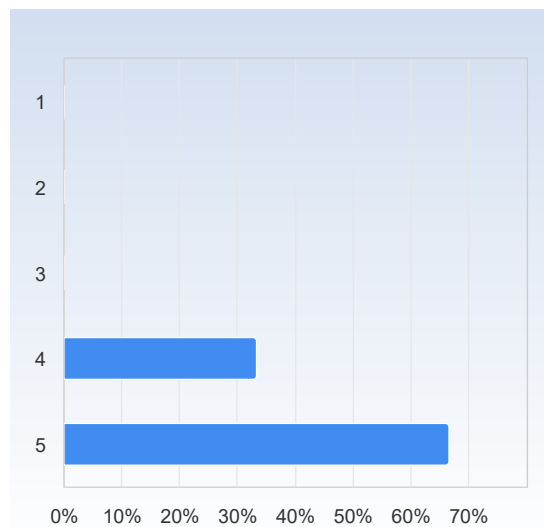|	Mean	Standard Deviation
My prior knowledge has been sufficient to assimilate the contents of this course.	4.0	1.7

The way the course was taught and organised suited me.

The way the course was taught and organised suited me.	Number of responses
1	0 (0.0%)
2	1 (33.3%)
3	0 (0.0%)
4	0 (0.0%)
5	2 (66.7%)
Total	3 (100.0%)
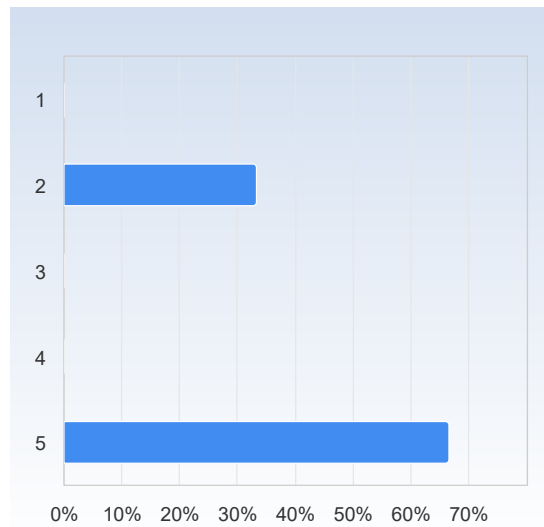
	Mean	Standard Deviation
The way the course was taught and organised suited me.	4.0	1.7

## The number of teacher lead activities (lectures, seminars etc.) has been satisfactory.

The number of teacher lead activities (lectures, seminars etc.) has been satisfactory.	Number of responses
1	0 (0.0%)
2	0 (0.0%)
3	0 (0.0%)
4	1 (33.3%)
5	2 (66.7%)
Total	3 (100.0%)

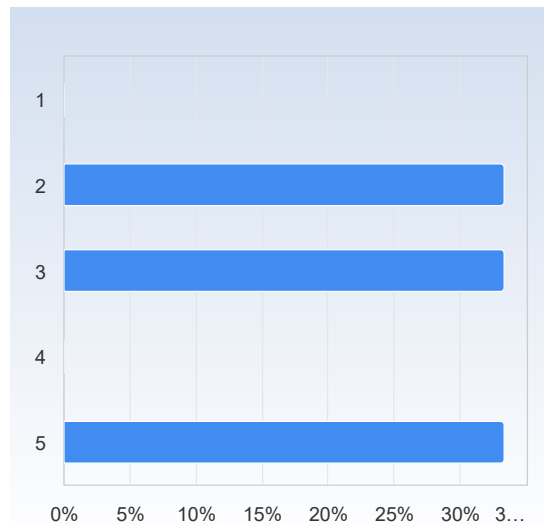|	Mean	Standard Deviation
The number of teacher lead activities (lectures, seminars etc.) has been satisfactory.	4.7	0.6

The lectures were valuable for my learning.

The lectures were valuable for my learning.	Number of responses
1	0 (0.0%)
2	0 (0.0%)
3	2 (66.7%)
4	0 (0.0%)
5	1 (33.3%)
Total	3 (100.0%)
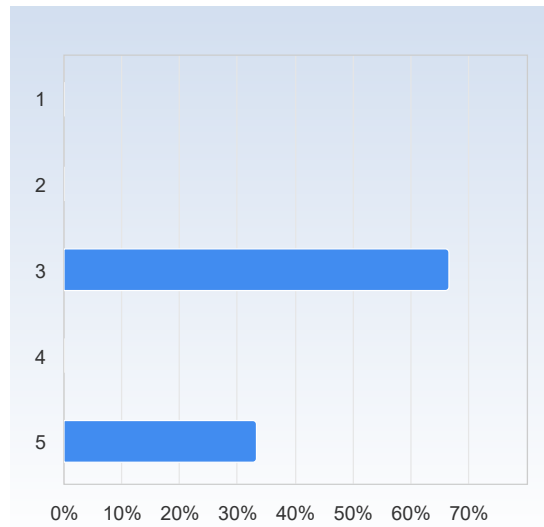
	Mean	Standard Deviation
The lectures were valuable for my learning.	3.7	1.2

The seminars were valuable for my learning.

The seminars were valuable for my learning.	Number of responses
1	0 (0.0%)
2	1 (33.3%)
3	1 (33.3%)
4	0 (0.0%)
5	1 (33.3%)
Total	3 (100.0%)

	Mean	Standard Deviation
The seminars were valuable for my learning.	3.3	1.5

Studying on my own was valuable for my learning.

Studying on my own was valuable for my learning.	Number of responses
1	0 (0.0%)
2	0 (0.0%)
3	1 (33.3%)
4	0 (0.0%)
5	2 (66.7%)
Total	3 (100.0%)
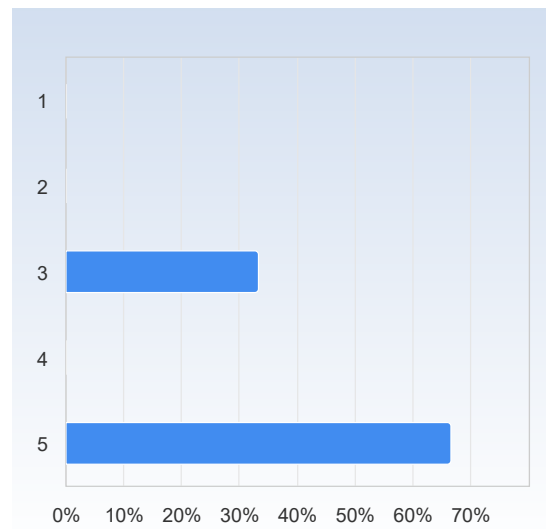
	Mean	Standard Deviation
Studying on my own was valuable for my learning.	4.3	1.2

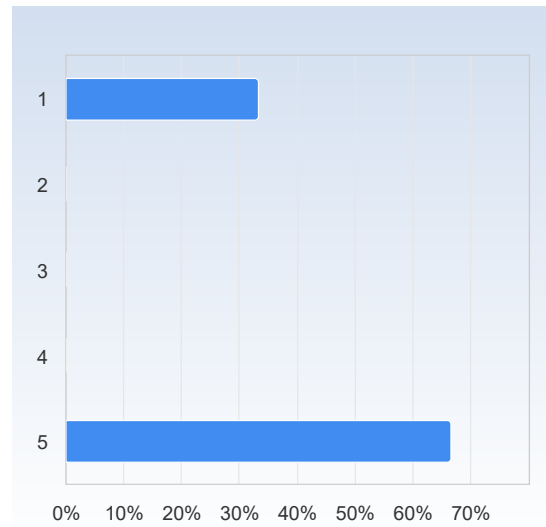## The course literature/material was a valuable learning resource.

The course literature/material was a valuable learning resource.	Number of responses
1	0 (0.0%)
2	0 (0.0%)
3	0 (0.0%)
4	1 (33.3%)
5	2 (66.7%)
Total	3 (100.0%)
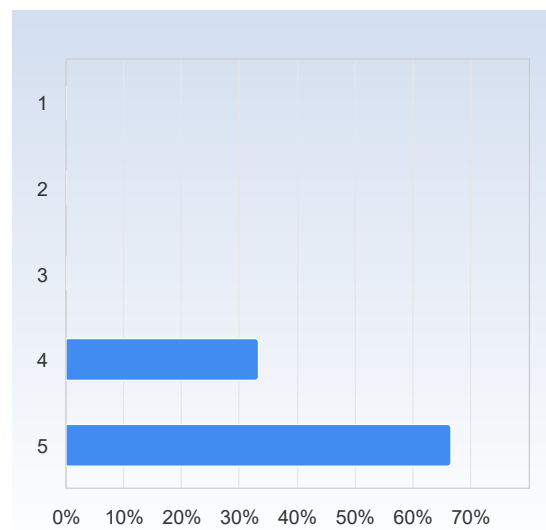
	Mean	Standard Deviation
The course literature/material was a valuable learning resource.	4.7	0.6

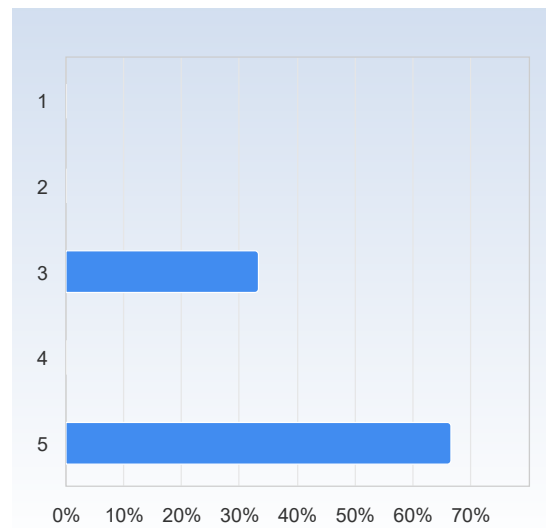## The information I received before the course start was satisfactory.

The information I received before the course start was satisfactory.	Number of responses
1	1 (33.3%)
2	0 (0.0%)
3	0 (0.0%)
4	0 (0.0%)
5	2 (66.7%)
Total	3 (100.0%)

	Mean	Standard Deviation
The information I received before the course start was satisfactory.	3.7	2.3

The communication with the teaching staff during the course was good.

The communication with the teaching staff during the course was good.	Number of responses
1	0 (0.0%)
2	0 (0.0%)
3	1 (33.3%)
4	0 (0.0%)
5	2 (66.7%)
Total	3 (100.0%)

	Mean	Standard Deviation
The communication with the teaching staff during the course was good.	4.3	1.2

## It was clear throughout the course what was expected of me.

It was clear throughout the course what was expected of me.	Number of responses
1	1 (33.3%)
2	0 (0.0%)
3	0 (0.0%)
4	1 (33.3%)
5	1 (33.3%)
Total	3 (100.0%)
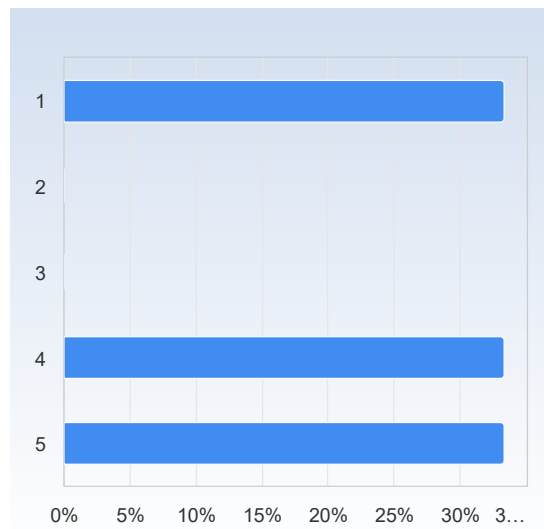
	Mean	Standard Deviation
It was clear throughout the course what was expected of me.	3.3	2.1

The course had a reasonable workload.

The course had a reasonable workload.	Number of responses
1	1 (33.3%)
2	0 (0.0%)
3	0 (0.0%)
4	1 (33.3%)
5	1 (33.3%)
Total	3 (100.0%)
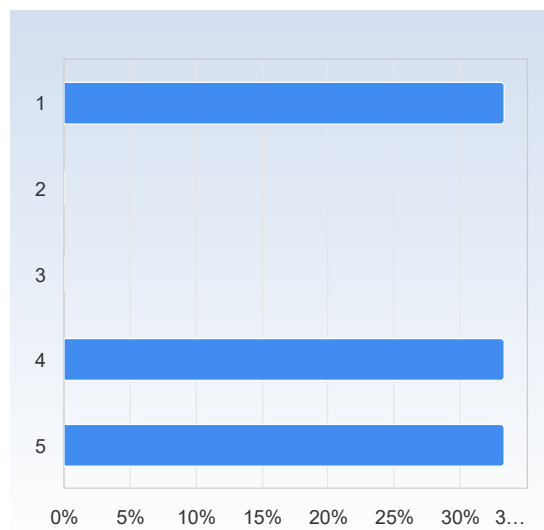
	Mean	Standard Deviation
The course had a reasonable workload.	3.3	2.1

The workload was evenly distributed throughout the course.

The workload was evenly distributed throughout the course.	Number of responses
1	0 (0.0%)
2	1 (33.3%)
3	1 (33.3%)
4	0 (0.0%)
5	1 (33.3%)
Total	3 (100.0%)
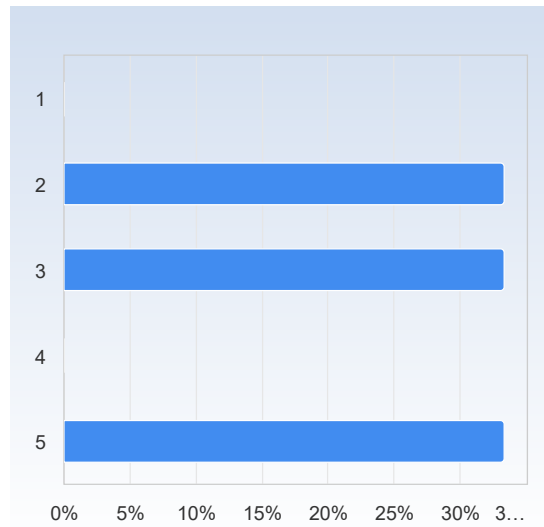
	Mean	Standard Deviation
The workload was evenly distributed throughout the course.	3.3	1.5

The examination matched the contents and level of the course.

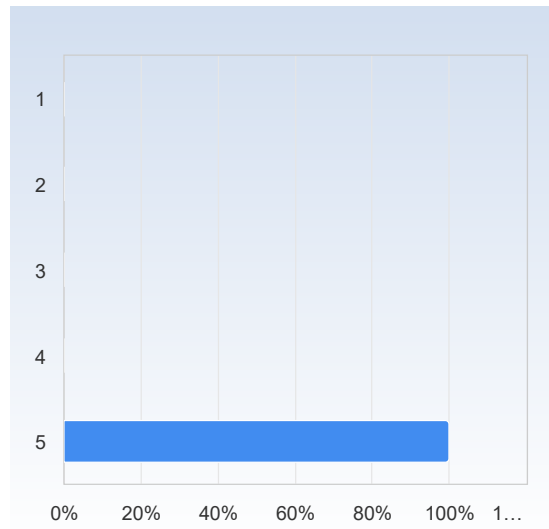| The examination matched the contents and level of the course.	Number of responses
1	1 (33.3%)
2	0 (0.0%)
3	2 (66.7%)
4	0 (0.0%)
5	0 (0.0%)
Total	3 (100.0%)
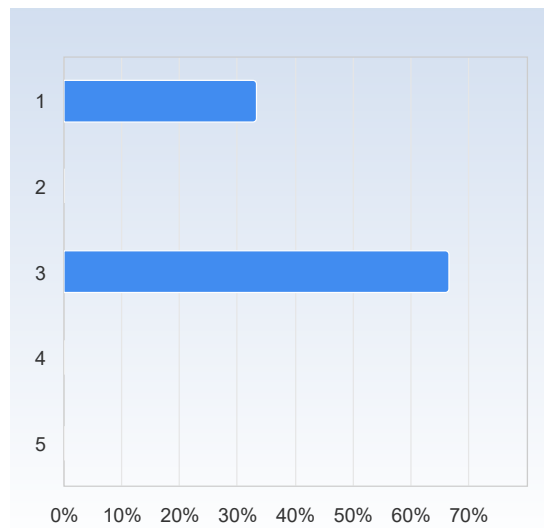
	Mean	Standard Deviation
The examination matched the contents and level of the course.	2.3	1.2

Overall, I am satisfied with the course.

Overall, I am satisfied with the course.	Number of responses
1	0 (0.0%)
2	0 (0.0%)
3	0 (0.0%)
4	0 (0.0%)
5	2 (100.0%)
Total	2 (100.0%)

	Mean	Standard Deviation
Overall, I am satisfied with the course.	5.0	0.0

	Number of responses
1	0 (0.0%)
2	1 (100.0%)
3	0 (0.0%)
4	0 (0.0%)
5	0 (0.0%)
Total	1 (100.0%)
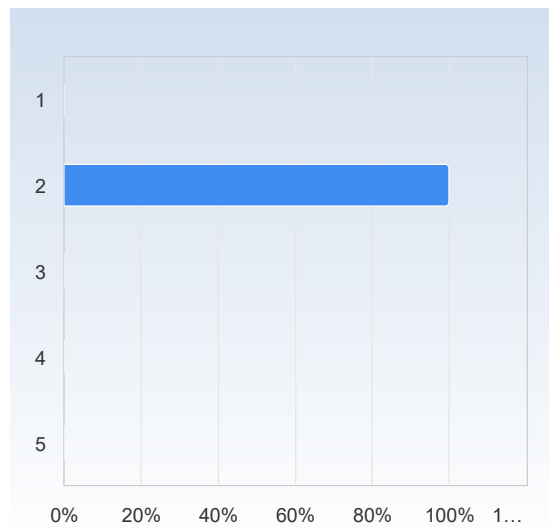
	Mean	Standard Deviation
	2.0	0.0

Average number of hours spent in total on the course per week (including scheduled activities):

Average number of hours spent in total on the course per week (including scheduled activities):	Number of responses
13	0 (0.0%)
14	0 (0.0%)
15	1 (50.0%)
16	0 (0.0%)
17	0 (0.0%)
18	0 (0.0%)
19	0 (0.0%)
20	1 (50.0%)
21	0 (0.0%)
22	0 (0.0%)
Total	2 (100.0%)
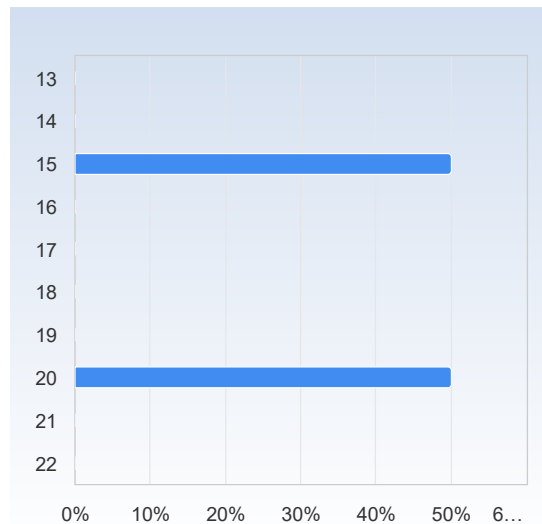
	Mean	Standard Deviation
Average number of hours spent in total on the course per week (including scheduled activities):	17.5	3.5

What did you appreciate most with the course?

What did you appreciate most with the course?
Anitha is a very good lecturer and there was a very nice climate of discussion in the group. If someone asked a question, she really made sure to explain it well. Overall, very friendly and competent.
The lecture notes are very well written.
Some of the lectures were really well done.
It's always great when the content of the lectures are either put online or match the contents of a book. The fact the content of the lectures corresponded perfectly with the lectures uploaded online made it easy to review the lecture at home without ever feeling confused or lost while being able to pay full attention to the lecture due to there being no need to take notes. The lectures were also well organized and structured, so it felt easy to attend and to read. Writing things extensively in the board also made the lectures easier to understand since when I was struck trying to understand something, the details were written in the board instead of just being vocalized. Likewise, after I was no longer confused, I could easily catch up to the current topic since things were written out. The room we used made this more pronounced since we had four big blackboards and used all of them. I also appreciate the availability of the teacher for questions after and outside the lecture time.

What do you think should be improved?

What do you think should be improved?
It would be nice if the lecture notes would be available before the lecture.
I think that seminars should be improved, it seemed more like a drop in class where you should go if you have question, so more like something that you would do during a phd. We were given many exercises, so I think that it would be better to put a focus on what exercises are more important. As sometimes we spent all the seminar hour on doing just one or two exercise, maybe out of 10 or more, it would be better if we had the solutions on canvas.
From lecture 1 to 8, I found hard to follow the lectures, I think that they were going a bit fast, from lecture 8 it went better, but I would prefer to have some more examples. It would been better if the first class was revision of what we will need during the course, in addition to the pdf on canvas.
The exercises that we had for homeworks were easier with respect to written exam, I found it tricky and more difficult than expected with respect to the material given.
The oral exam was explained a bit during last lecture, I would have preferred having these information on canvas, or it would be better to explain it at the start of the course.
Also it would be better to put a clear difference to what a student is expected to do if they want the maximum grade or the passing grade. For instance, in some other courses they said for a VG grade the student is expected to know not just the theorem, but also the proof, in this case it was not explained and the explanation of the oral exam was still confusing.
As it is an advanced class, some of the material were really difficult, so it would be better to have some office hours.
It would been better having one last class where the teacher explained what are the highlights of the course, or maybe to have one day or two just of revision.

Have you during this course experienced course literature, staff or teaching methods to be discriminatory in any way (gender, ethnicity, etc.)?

Have you during this course experienced course literature, staff or teaching methods to be discriminatory in any way (gender, ethnicity, etc.)?
Not in the slightest.
No
No