

REFERENCE GROUP MEETING — TMA4130
2ND NOVEMBER 2022

Participants. Markus Grasmair, Douglas Pacheco; Eila Bergene, Johanne Grindahl, Thora Hove, Marie Hayashi Strand, Vineeth Subramaniam.

Date and Time. 2nd November 2022, 11:00–12:00.

Lectures:

- The students are generally satisfied with the lectures.

Exercises:

- The numerical part in the previous two exercises (numerics of wave equation and heat equation) was very hard. We should include some more examples either in the lectures or in the additional material that deal with more complicated situations like different domains or different boundary conditions. Also, hints in the problems could help.
- The students would like a larger number of simpler exercises in order to familiarise themselves with new topics. These additional exercises need not be mandatory, but can well be given as optional problems.
- The solutions to the exercises are sometimes hard to follow, if some steps are being skipped over.
- Some students have to wait very long (more than three weeks) for getting a detailed feedback to the exercises they have handed in.
- The students suggested for future years to also have STACK-exercises, since they work well in Mathematics 1–3.
- There will be a 13th exercise sheet for those students who only have 7 approved exercises after sheet 12. The exercises on that sheet will, however, be relevant for all the students, as they will cover the topics of week 46.
- Waiting times in the exercise sessions can be very long, especially if the student assistants spend a lot with one student. For next year's course, the number of student assistants should be increased further.

Plenary exercises:

- Contentwise, the plenary exercises are ok. However, the pacing of the teaching assistants is sometimes too fast.

Exam:

- The formula sheet for the exam will be published in week 45.
- The last week of regular lectures (week 47) will be reserved for a summary of the lecture and for questions. In addition, we will offer question sessions in the week before the exam. Details will be announced later.
- On exercise sheet 13, we will also include examples of programming questions that are relevant for the exam.
- We should publish a detailed overview of the pensum for the class on the wikipage, including, if possible, pensum changes over the previous years.