

Requirements for the exercises and the final exam

GENERAL

- There will be 12 exercise sheets.
- The sheets will usually be published by Wednesday afternoon on the course website.
- Please submit your solutions in class by the end of the Tuesday lecture. Alternatively, you may submit them to the tutor box of Anurag Bishnoi ¹. You are also welcome to submit your solutions electronically to anurag.2357@gmail.com before 16:00 on Tuesday.
- LATE submissions will NOT be accepted.

SUBMISSION OF SOLUTIONS

- Please submit your solutions in pairs.
- Indicate which two solutions you would like to have graded.
- At the beginning of each solution please state the name of the person who wrote it up for the pair.

ACTIVE PARTICIPATION

- To receive a pass for your “aktive Teilnehme”, person C in team C,D has to fulfil three conditions:
- Team C,D must have at least 60% of the total score.
- C must be the author of at least 10 solutions.
- C must have presented a solution at the blackboard at least once.

¹box number D8, in front of lecture hall 001, Arnimallee 3-5

EXAM

- The grade for the course is based solely on the final exam.
- The exam takes place on July 25th 13-16.
- There will be a second exam on October 10th 10-13.
- Both are closed-book/closed-notes exams. You can come to both, the better grade counts.
- There will be two different types of problems in the exams:
 - (a) Lexical knowledge: Definitions, statements and proofs of theorems from the lecture
 - (b) Problem solving: applying the encountered theorems and methods to solve exercises (some of these will be from the homework sheets, some you have never seen before)

HINTS

- It is very beneficial to think about and discuss mathematics with others. You are strongly encouraged to talk through the exercises in study groups and come up with the solutions together.
- You should however write the solutions up by yourself – just as you will on the final exam.
- Finding solutions on the internet for any homework exercise is quite easy, but is strongly discouraged. Such copied solutions will never give you the deep understanding necessary to succeed on the final. You simply cannot spare the time you struggle while thinking about exercises alone, or together with your study group. Actually, why would you want to spare it: this very struggle is the creative and most fun part of the course!
- Feel free to contact us (by e-mail or in person) if there are questions concerning the material or the exercises. Let us know your thoughts about any particular exercise (what you have you have tried, where you got stuck) and feel free to ask for hints based on them.