Fachbereich Mathematik
PD. Dr. Patrizio Neff
Eyvind Briseid

TECHNISCHE
UNIVERSITÄT
DARMSTADT

2008-10-28

General Information
Analysis I (engl.)
Winter Term 2008/09

Information concerning the course can be found on the homepage:

`https://www3.mathematik.tu-darmstadt.de/?id=84&evsid=23&evsver=34`

1 Schedule

Lecture: Start 2008-10-14.

Tuesday	09:50 – 11:30	in S1 03/23
Wednesday	11:40 – 13:20	in S2 04/213

Exercise groups: Start 2008-10-13.

Exercise Group Tutor	Time	Room
Katharina Schade	Monday 09:50 – 11:30	S1 03/12
Daniel Körnlein	Monday 09:50 – 11:30	S2 15/204K

Tutorials: Start 2008-10-14.

Tutor	Time	Room
Eyvind Briseid	Tuesday 16:15 – 17:55	S1 03/107
Daniel Körnlein	Tuesday 16:15 – 17:55	S1 02/331

Email addresses of tutors:

Tutor	Email
Eyvind Briseid	briseid [at] mathematik [dot] tu-darmstadt [dot] de
Bo Gong	gongbo84321 [at] hotmail [dot] com
Daniel Körnlein	daniel [dot] koernlein [at] myebs [dot] de
Katharina Schade	mail [at] kscha [dot] de

The lecture will follow Prof. Alber's script for Analysis I. This can be found on the website.

2 Course material and office hours

On the webpage you can find news regarding the course and download lecture notes as well as eventual supplementary notes. Exercise sheets, homework and tutorial sheets with solutions will also be available here.

Sheets with solutions to tutorials, exercises and homework will also be found in the *Lernzentrum Mathematik* (LZM) (in building S2 10). Also the lecture notes will be available for copying in the LZM.

Literature: The lecture does not follow any particular book. Some possible additional reading is given on the webpage.

Official office hours: Lecturer, assistant, tutors and exercise group tutors will offer an offical office hour once per week. The precise time slots will be fixed in agreement with the students in the relevant classes. More information will be given later.

3 Exercises and tutorials

On the exercise classes:

Each week the students will get an exercise sheet and a homework sheet in the exercise class. At the start of each exercise class a group of two or three students will present their solution to one of the homeworks to be handed in that week (i.e. one of the exercises on the homework sheet handed out last week) on the blackboard. Who will present next time (and which exercise) will be agreed with the exercise group tutor at the end of the exercise class. To get the bonus for the exam (see below) one will have to present a solution in this way sometime during the semester. The presentation should not take more than 15 minutes. The rest of the time the students will work on the exercises in small groups or alone, and questions concerning the exercises or the lecture in general will be discussed.

The homework should be an individual effort, and handed in to the exercise group tutor the following week. To get the bonus for the exam (see below) one will have to get 60 percent of the total amount of points for homework during the semester. Each homework sheet will contain three exercises, and each of the three exercises will be worth 4 points. The homework will be corrected and graded by Bo Gong, who will offer an office hour each week. See later information.

There will be a trial exam in the exercise classes towards the end of January.

On the tutorials:

In the tutorials the students will recieve another sheet with exercises, and one will discuss these as well as any other open questions concerning the lecture.

4 Exam

There will be a written examination (*Prüfungsleistung*) for Analysis I at the end of the term. More information will be given later.

There will be a trial exam (which will not count in any way) in the exercise classes towards the end of January.

Bonus system for exam: There is a bonus system for the exam, as follows: If the students get 60% of the total number of attainable points for homework and also present a good solution on the blackboard sometime during the semester, they will get a *bonus* for the exam. Any student who obtains the bonus will get an improvement of 0.3 or 0.4 points of the grade in the exam, i.e., a 1.7 grade is turned into a 1.3 and a 1.3 is turned into a 1.0. However, this improvement can not lead to anyone passing the exam who otherwise would not.