Fachbereich Mathematik
Prof. Dr. W. Trebels
E. Briseid, S. Pape

**TECHNISCHE
UNIVERSITÄT
DARMSTADT**

2009-03-31

General Information
Analysis II (engl.)
Summer Term 2009

Information concerning the course can be found on the homepage. A link to the homepage can be found on the following webpage:

`https://www3.mathematik.tu-darmstadt.de/?id=84&evsid=26&evssem=3`

1   Schedule

Lecture: Start 2009-04-14.

Tuesday	09:50 – 11:30	in S2 15/51
Thursday	09:50 – 11:30	in S2 17/103

Exercise groups: Start 2009-04-16.

Exercise Group Tutor	Time	Room
Daniel Körnlein	Thursday 08:00 – 09:40	S3 13/231
Katharina Schade	Thursday 08:00 – 09:40	S3 13/334

Tutorials: Start 2009-04-15.

Tutor	Time	Room
Eyvind Briseid	Wednesday 09:50 – 11:30	S1 03/312
Susanne Pape	Wednesday 09:50 – 11:30	S1 03/126

Email addresses of tutors:

Tutor	Email
Eyvind Briseid	briseid [at] mathematik [dot] tu-darmstadt [dot] de
Daniel Körnlein	daniel [dot] koernlein [at] myebs [dot] de
Susanne Pape	pape [at] mathematik [dot] tu-darmstadt [dot] de
Katharina Schade	mail [at] kscha [dot] de

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

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 *Lern-zentrum 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 should be 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 attainable points for homework during the first half of the semester, and 60 percent of the attainable points for homework during the second half of the semester.

On the tutorials:

In the tutorials the students will receive 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 II at the end of the term. More information will be given later.

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 during the first half of the semester, and 60 percent of the total amount of available points for homework during the second half of the semester, and if they additionally present a good solution on the blackboard sometime during the semester, then 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.