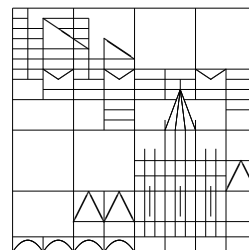


Universität Konstanz
Fachbereich Mathematik und Statistik
Prof. Dr. Stefan Volkwein
Martin Gubisch, Roberta Mancini, Stefan Trenz
Wintersemester 2011/2012



Richtlinien.

Numerik partieller Differentialgleichungen Guideline

There will be six exercise sheets (with four exercises each) for the theory part and six exercise sheets (with three exercises each) for the numerical part. Each submitted exercise in written form is scored with maximal four points. Further, the exercises are presented at the blackboard each week. Additionally, there will be three programming exercises in the numerical part. In each program, eight points can be reached.

Criteria for obtaining the testation:

- 32 points in the theoretical exercises (33% of 96 available points),
- 24 points in the numerical exercises (33% of 72 available points),
- 12 points in the programming exercises (50% of 24 available points),
- a presentation at the blackboard both in the theoretical and the numerical part,
- a successful oral examination of about 15 minutes over the full lecture.

In case of excellent performance in the tutorial, the mark of the exam will be improved.

Guideline for the programs:

- Work together in groups of 2-3 people. Groups have to be formed in the first programming homework and cannot be changed.
- All programs have to contain the name and email address of the author and coauthors.
- All programs have to be well documented. All documentations have to be written in English language in the code.
- To each programming homework an electronic written report in English language has to be attached or sent by email as a pdf file to the corresponding tutor. The report should contain all answers to the programming homework and interpretations of the obtained results.
- Only running programs will be considered for grading.
- Every group member has to be prepared to explain/present the program and the results during the exercise classes.

All indications without engagement.