

Comments to the course evaluation: NUMN19 *Numerical Approximation* vt 2020

Course responsible: Claus Führer

Other teacher(s): --

Number of students: 9 + 3 PhD students

Number of students who completed the course: 9 + 3 PhD students

Comments:

The course was given for the second time in the totally revised form and on advanced level. Before it was a basic level course and as a reaction to student's comments and a new course book it is now given under the course code NUMN19 on advanced level.

The course book is very theoretical and the course aims to bridge theory and algorithm in this subject. The course serves also as „appetizer“ for students with stronger focus on practical aspects to select more theoretical courses of high relevance for numerical analysis like functional analysis.

The course evaluation was not carried out formally. I preferred to take benefit of the fact that the course has few participants and evaluated the course by the regular personal student contact.

Besides the overall positive feedback there are comments on the not fully completed course material and not an optimal way to give feedback to student hand-ins.

Personally I feel that the course would also benefit from including parts of the later chapters from the course book on signal processing, which is a subject very little taught at mathematics NF. Also, a content „hand-shaking“ between a course in Fourier Analysis and this course could improve the understanding of the material.

Overall, the course seems to be on its way, but still needs more activity in course development.

2021-04-08, compiled by Claus Führer