

Einladung zum Würzburger Mathematischen Kolloquium

Julius-Maximilians-Universität Würzburg • Fakultät für Mathematik und Informatik

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Problem solving as a paradigm in first year university mathematics

Mittwoch, den 18. Juni 2014 • 16:15 Uhr
Raum SE 40, Mathematik Ost, Emil-Fischer-Str. 40, Campus Hubland-Nord

Inhaltsangabe

All students of mathematics should make the experience: *I can discover mathematics myself*. This is the guiding principle of the course *Mathematisches Problemlösen und Beweisen* (Mathematical Problem Solving and Proving) which was introduced into the mathematics syllabi at the Universität Oldenburg in 2011. My goal in this talk is to show that such a course can be a valuable addition to the university mathematics curriculum, and that it helps to smoothen out the break between high school and university mathematics.

After a short discussion of the considerations leading to the creation of this course I will talk about contents and structure of the course and about practical experiences with it. In particular I will show why the course is especially suited for the education of future mathematics teachers.



www.mathematik.uni-wuerzburg.de/kolloquium.html

Zu diesem Vortrag laden wir Sie herzlich ein.
Im Anschluss an die Vorträge Kaffee und Tee im Foyer vor dem SE 40.

Die Dozentinnen und Dozenten der Mathematik

