

Einladung zum Würzburger Mathematischen Kolloquium

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

Prof. Dr. Wolfgang Hackbusch

Universität Regensburg

Numerical Tensor Calculus

Mittwoch, den 19. Juni 2013 • 16:15 Uhr

Mathematik Ost (Emil-Fischer-Straße 40), Seminarraum SE 40 (Raum 00.001)

Inhaltsangabe

The treatment of large-scale matrices and the corresponding systems of equations have a long tradition in numerical linear algebra. Already fully populated matrices of size $n \times n$, which can be considered as tensors of order $d=2$, require a special numerical treatment. The numerical treatment of large-scale tensors of size n^d is obviously even more demanding, since n^d may be by far larger than the available computer memory.

This lecture is an introduction into the topic and shows some examples. It will be followed in the two days following this colloquium by a short course on the subject.



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

