MATHEMATIKKOLLOQUIUM

Das Institut für Mathematik lädt zu folgendem Vortrag ein:

Alexander Ostermann

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Exponential integrators

Exponential integrators are intended for the numerical solution of stiff differential equations. More precisely, they are designed for problems where the solution of the linearisation contains fast decaying (or highly oscillatory) components.

In my talk I will focus on the construction and numerical analysis of such integrators. Similarities and differences to standard integrators (implicit Runge – Kutta methods and multistep methods) will be addressed.

Zeit: **Dienstag, den 27. März 2012 um 17:15 Uhr**

Ort: **Bauing.-Gebäude, Technikerstraße 13, HSB 1**

Gäste sind herzlich willkommen!