

JOHANNES GUTENBERG-UNIVERSITÄT MAINZ - 55099 Mainz

Einladung zum Vortrag
im Oberseminar Analysis

On Instability Mechanisms in Inverse Problems

Angkana Rüland

Many PDE driven inverse problems are notoriously ill-posed. In this talk, I will discuss three robust instability mechanisms leading to instability. These are based on strong global, weak global and only microlocal smoothing properties of the associated forward operators.

As a consequence, these mechanism are applicable to a wide range of inverse problems including elliptic, parabolic and hyperbolic ones.

The talk is based on joint work with Herbert Koch (U. Bonn) and Mikko Salo (U. Jyväskylä).

Alle Interessierten sind herzlich eingeladen!

Datum: Montag, 13.12.2021

Uhrzeit: 14:15 Uhr

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FACHBEREICH 08



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