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MATHEMATIKKOLLOQUIUM

Das Institut für Mathematik lädt zu folgendem Vortrag ein:

Antonio Leitão

Federal University of Santa Catarina,
Florianopolis, Brazil

On Landweber–Kaczmarz methods for regularizing systems of ill-posed equations in Banach spaces

In this talk, iterative regularization methods of Landweber–Kaczmarz type are considered for solving systems of ill-posed equations modeled by (finitely many) operators acting between Banach spaces. Using assumptions of uniform convexity and smoothness on the parameter space, we are able to prove a monotony result for the proposed method, as well as to establish convergence (for exact data) and stability results (in the noisy data case).

Zeit: **Montag, den 29. Oktober 2012 um 17.15 Uhr**

Ort: **Bauingenieurgebäude, Technikerstraße 13, B 520**

Gäste sind herzlich willkommen!

Markus Haltmeier