



E i n l a d u n g

zum

Kolloquium des Mathematischen Instituts
(unterstützt vom Graduiertenkolleg und Leibniz-Preis)

am Donnerstag, 21.01.2010 um 16:30 Uhr, im Hörsaal M5, spricht

Professor Dr. Andreas Thom

(Universität Leipzig)

über das Thema:

„Stability of unitary representations“

Abstract:

Many years ago, Stanislaw Ulam set up a programme which studied the perturbation of algebraic identities in a metric context. In this talk, I will present results about uniform deformations and perturbations of unitary representations of discrete groups. In joint work with Narutaka Ozawa and Marc Burger, we showed for example that finite-dimensional epsilon-representation of certain lattices in semi-simple algebraic groups are epsilon-close to unitary representations. The proof relies on recent advances on bounded generation of certain lattices in semi-simple algebraic groups.

Tee wird ab 16 Uhr im SR0 des Mathematischen Instituts serviert.